MAD

DECEMBER 2023

PROJECT ID: 5145-00-71

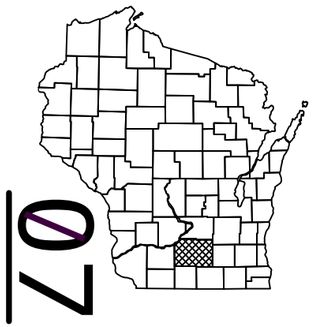
WITH: N/A

COUNTY: DANE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS = 714



DESIGN DESIGNATION

A.A.D.T.	2022	= 2,500
A.A.D.T.	2042	= 3,000
D.H.V.	(10.7%)	= 321
D.D.		= 60/40
T.		= 15.3%
DESIGN SPEED		= 55 MPH - STH 78 TO CTH KP (SOUTH)
		= 45 MPH - CTH KP (SOUTH) TO CTH KP (NORTH)
		= 55 MPH - CTH KP (NORTH) TO USH 12
ESALS		= 780,000

CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE		ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
		UTILITY PEDESTAL	
WOODED OR SHRUB AREA		POWER POLE	
		TELEPHONE POLE	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

MAZOMANIE - USH 12

STH 78 TO USH 12

STH 19

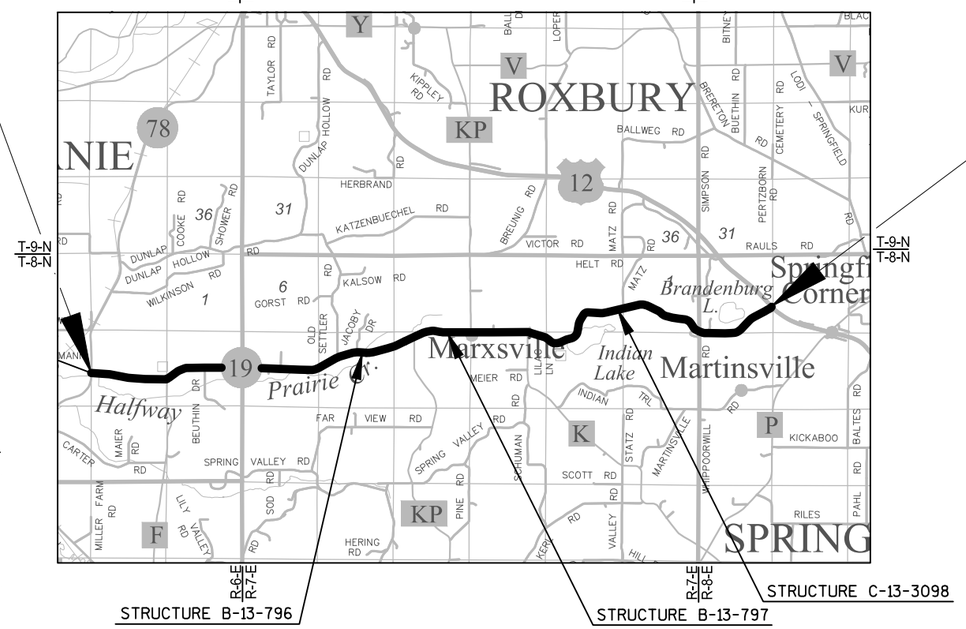
DANE COUNTY

STATE PROJECT NUMBER
5145-00-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5145-00-71	————	—

BEGIN PROJECT
STA 0+33.86
Y: 522,551.07
X: 721,173.61

END PROJECT
STA 508+49.89



LAYOUT
SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 9.624 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES. VERTICAL DATUM IS NAVD88 (2012).

ORIGINAL PLANS PREPARED BY

jt ENGINEERING, INC
Consultant Services

WISCONSIN
BRADLEY R. GROH
E-41411
MADISON
WI
PROFESSIONAL ENGINEER

DATE: 7/7/2022 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT / JT ENGINEERING
Designer	JT ENGINEERING
Project Manager	GREGORY BRECKA, P.E.
Regional Examiner	SW REGION
Regional Supervisor	MARC SCHWEIGER, P.E.

APPROVED FOR THE DEPARTMENT

DATE: 7/7/2022 (Signature)

E

GENERAL NOTES

PAVING LIMITS AT INTERSECTIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE LOCATION OF STOP LINES SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

THE CENTERLINE OF STH 19 IS APPROXIMATELY THE MAINLINE REFERENCE LINE IN THE REHABILITATION AREAS.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE RESTORED AS DIRECTED BY THE ENGINEER

WHEN THE QUANTITY OF BASE AGGREGATE DENSE IS MEASURED FOR PAYMENT IN TONS, THE DEPTH OR THICKNESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

EROSION CONTROL FEATURES WILL BE DETERMINED BY THE EROSION CONTROL IMPLEMENTATION PLAN (ECIP). ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH A TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

PRIOR TO THE PLACEMENT OF MGS GUARDRAIL, THE SHOULDERS SHALL BE IN PLACE, SHAPED, AND COMPACTED UNLESS SHOWN OTHERWISE.

LIMITS AND LOCATIONS OF BEAM GUARD REPLACEMENTS AND ADJUSTMENTS MAY BE ADJUSTED BY THE ENGINEER. COORDINATE EXACT LOCATIONS WITH THE ENGINEER IN THE FIELD.

EXACT LOCATIONS AND WIDTHS OF DRIVEWAYS AND PRIVATE FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE LOCATION OF THE EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE.

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THAT AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN. PAVING THICKNESS OF HMA PAVEMENT 3 LT 58-28 S SHALL BE 2.5" LOWER LIFT AND HMA PAVEMENT 4 LT 58-28 S SHALL BE 2" UPPER LIFT.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND BE CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING OR TURNING LANE.

DO NOT STORE EQUIPMENT OR MATERIAL IN ENVIRONMENTALLY SENSITIVE AREAS, WETLANDS OR WATERWAYS.

ALL EXISTING SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION OPERATIONS REQUIRE THEIR REMOVAL OR UNLESS ENGINEER APPROVES THEIR REMOVAL.

DISTURBED AREAS WITHIN THE PROJECT LIMITS ARE TO BE SALVAGED TOPSOILED, FERTILIZED, SEEDED, AND MULCHED OR E-MATTED AS DIRECTED BY THE ENGINEER IN THE FIELD.

APPLY TACK COAT AT A RATE OF 0.07 GAL/SY TO MILLED SURFACES AND 0.05 GAL/SY BETWEEN LAYERS OF HMA PAVEMENT.

ABBREVIATIONS

AADT	AVERAGE ANNUAL DAILY TRAFFIC
ASPH	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
CE	COMMERCIAL ENTRANCE
CP	CULVERT PIPE
CPCS	CULVERT PIPE CORRUGATED STEEL
CPRC	CULVERT PIPE REINFORCED CONCRETE
DHV	DESIGN HOURLY VOLUME
D	DEGREE OF CURVE
DIA	DIAMETER
E	EAST
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EL	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
EOP	EDGE OF PAVEMENT
EXIST	EXISTING
FE	FIELD ENTRANCE
G	GARAGE
H	HOUSE
HES	HIGH EARLY STRENGTH
IP	IRON PIN
L	LENGTH (OF CURVE)
LHF	LEFT HAND FORWARD
LC	LONG CHORD
NOM	NOMINAL
N	NORTH
PCC	POINT OF COMPOUND CURVATURE
PE	PRIVATE ENTRANCE
PL	PROPERTY LINE
RCPA	REINFORCED CONCRETE PIPE ARCH
RHF	RIGHT HAND FORWARD
RD	ROAD
RT	RIGHT
R/W	RIGHT OF WAY
SDD	STANDARD DETAIL DRAWING
SHR	SHRINKAGE
SE	SUPERELEVATION
T	PERCENT TRUCKS
TEL	TELEPHONE
TN	TOWN
TC	TOP OF CURB
TRANS	TRANSITION
VOL	VOLUME
W	WEST
V	DESIGN SPEED

UTILITY CONTACTS

JOSHUA STRUTZ
ALLIANT ENERGY - ELECTRICITY
520 COMMERCE AVE
BARABOO, WI 53913
(608) 356-0609
JOSHUASTRUTZ@ALLIANTENERGY.COM

SCOTT HEINZELMAN
BRIGHTSPEED - COMMUNICATION LINE
144 N PEARL ST
BERLIN, WI 54923
(920) 757-4802
SCOTT.HEINZELMAN@BRIGHTSPEED.COM

RYAN JOHNSON
MADISON GAS AND ELECTRIC - GAS
133 S BLAIR ST.
MADISON, WI 53701-1231
(608) 235-8459
RJOHNSON@MGE.COM

JERRY MYERS
BLACK EARTH TELEPHONE COMPANY, LLC D/B/A TDS TELECOM - COMMUNICATION LINE
MID-PLAINS TELEPHONE CO D/B/A TDS TELECOM
525 JUNCTION RD
MADISON, WI 53717
(608) 664-4404
JERRY.MYERS@TDSTELECOM.COM

MATTHEW VACHALIK
AT&T WISCONSIN - COMMUNICATION LINE
411 7TH STREET
RACINE, WI 53403
(262) 707-6216
MV5616@ATT.COM

ANTHONY SANFRATELLO
MADISON GAS AND ELECTRIC- ELECTRICITY
623 RAILROAD STREET
MADISON, WI 53703
(608) 931-1284
ASANFRATELLO@MGE.COM

WISDOT PROJECT MANAGER

GREGORY BRECKA, P.E.
WISDOT SW REGION
2101 WRIGHT STREET
MADISON, WI 53704
(608) 245-2671
GREGORY.BRECKA@DOT.WI.GOV

DESIGN CONTACT

BRADLEY GROH, P.E.
JT ENGINEERING, INC.
281 W. NETHERWOOD ROAD, SUITE 1
OREGON, WI 53575
(608) 204-0909
BRADG@JT-ENGINEERING.COM

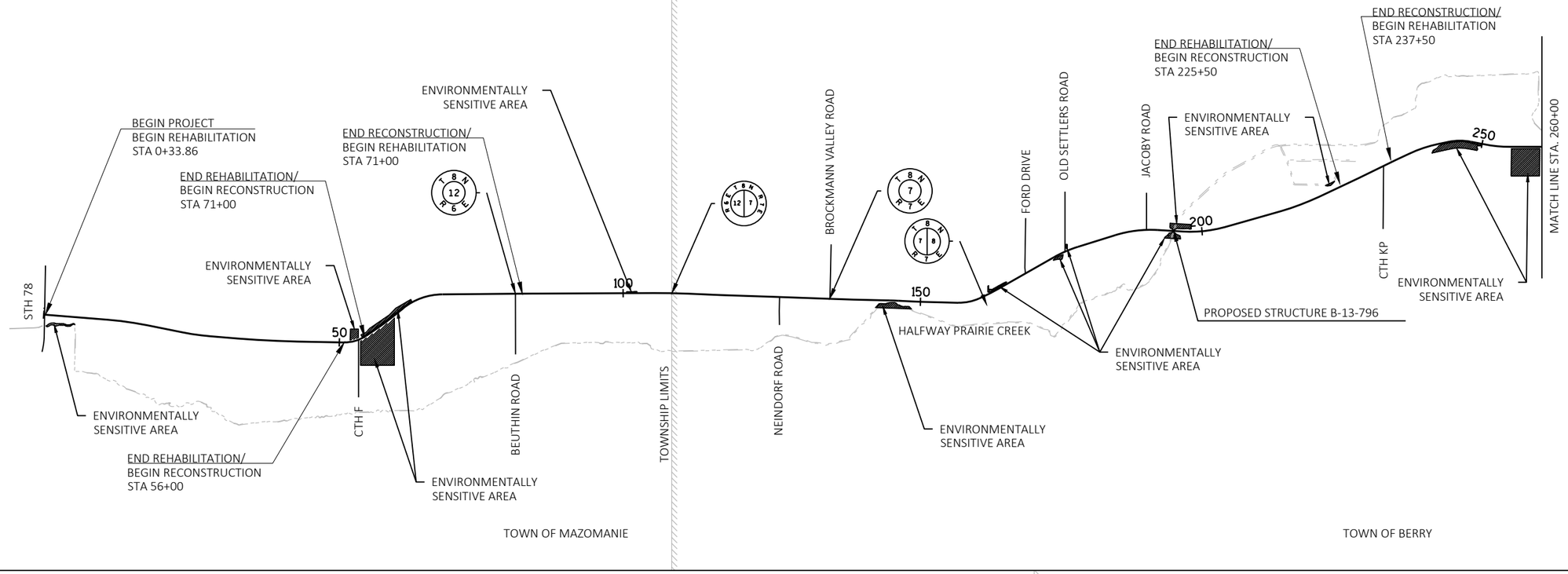
DNR LIAISON

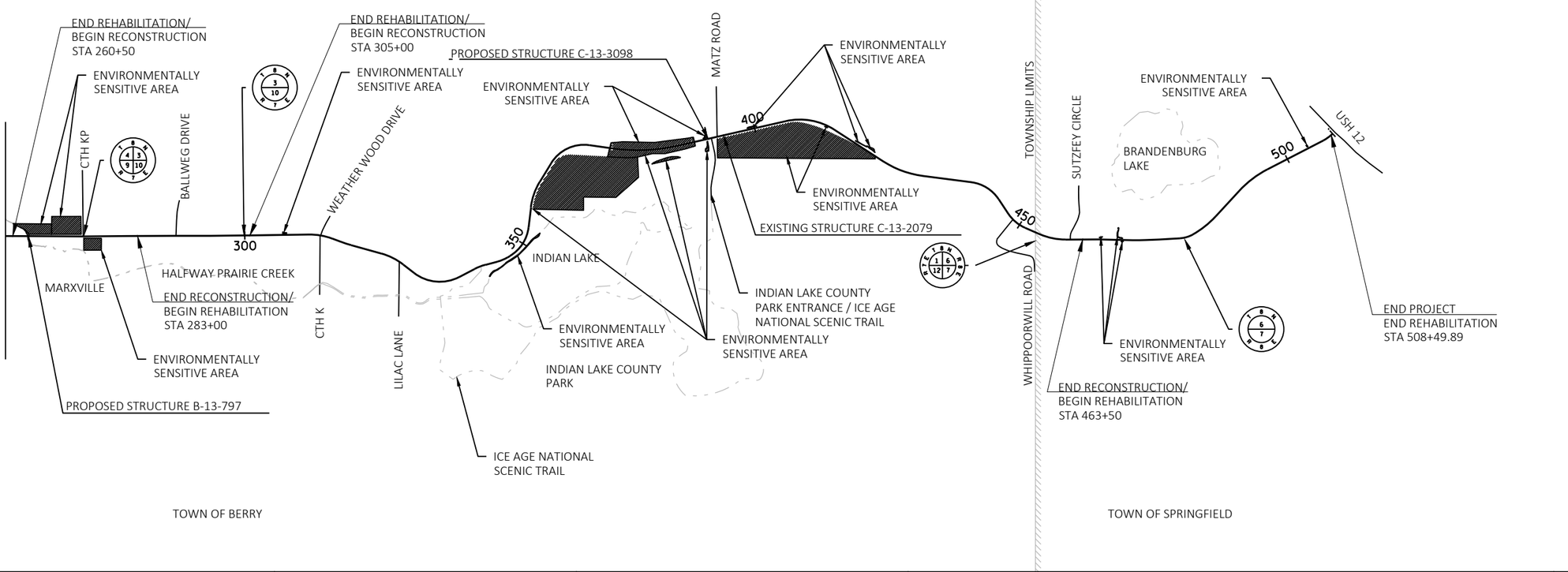
ERIC HEGGELUND
DNR SOUTH CENTRAL REGION HQ
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
(608) 275-3301
ERIC.HEGGELUND@WISCONSIN.GOV

SECTION 2 ORDER OF SHEETS

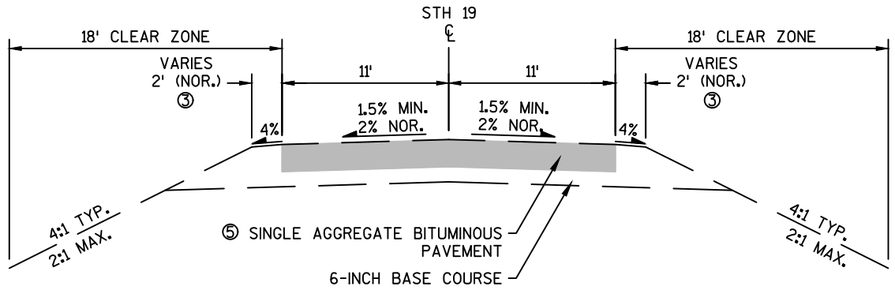
GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
PLAN DETAILS
EROSION CONTROL PLAN
STORM SEWER PLAN
PERMANENT SIGNING PLAN
PAVEMENT MARKINGS PLAN
TRAFFIC CONTROL DETOUR PLAN
ALIGNMENT DIAGRAM

DIGGERS HOTLINE
Dial 811 or (800)242-8511
www.DiggersHotline.com



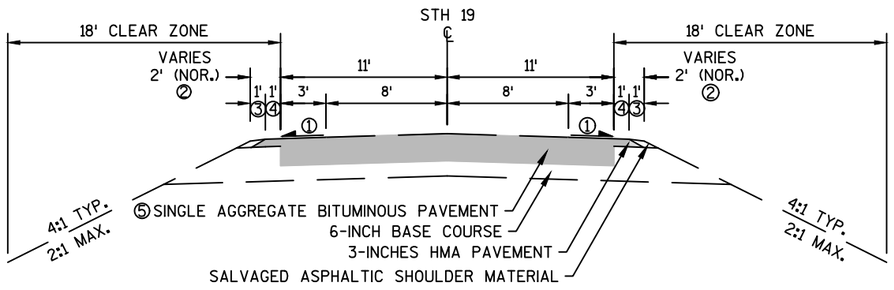


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PROJECT OVERVIEW	SHEET 3 E



EXISTING TYPICAL SECTION - STH 19

STA. 0+33.86 TO STA. 49+25
STA. 56+25 TO STA. 363+50
STA. 369+75 TO STA. 403+75
STA. 414+00 TO STA. 508+49.89



EXISTING TYPICAL SECTION - STH 19

STA. 49+25 TO STA. 56+25
STA. 363+50 TO STA. 369+75
STA. 403+75 TO STA. 414+00

① EXISTING SUPERELEVATION AND SUPERELVATION RATES VARY

② 5' SHOULDER FROM STA 180+00 TO 206+00 LT AND RT
5' SHOULDER FROM STA 259+30 TO 268+30 LT AND RT

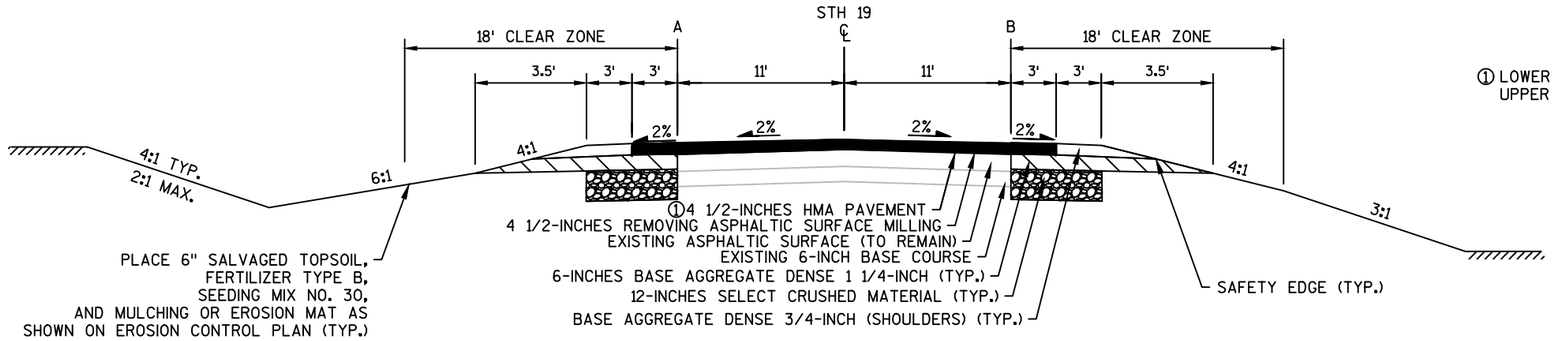
③ AGGREGATE SHOULDER WIDTH VARIATION

LEFT
0.5' FROM STA. 85+00 TO STA. 86+50
0.5' FROM STA. 130+50 TO STA. 132+00
0.5' FROM STA. 173+00 TO STA. 175+00
0.5' FROM STA. 178+00 TO STA. 179+00
0.5' FROM STA. 211+25 TO STA. 211+75
0.5' FROM STA. 237+25 TO STA. 273+75
0.5' FROM STA. 244+50 TO STA. 245+00
0.5' FROM STA. 286+00 TO STA. 287+50
0.5' FROM STA. 296+00 TO STA. 299+00
0.5' FROM STA. 317+50 TO STA. 325+00
0.5' FROM STA. 353+00 TO STA. 364+00
0.5' FROM STA. 368+00 TO STA. 369+00
0.5' FROM STA. 374+00 TO STA. 375+00
0.5' FROM STA. 394+00 TO STA. 395+00
0.5' FROM STA. 416+50 TO STA. 419+00
0.5' FROM STA. 430+00 TO STA. 435+00
0.5' FROM STA. 435+00 TO STA 441+50
0.5' FROM STA. 441+50 TO STA. 446+50
0.5' FROM STA. 462+00 TO STA. 465+50
0.5' FROM STA. 485+50 TO STA. 501+50

RIGHT
0.5' FROM STA. 65+50 TO STA. 66+50
0.5' FROM STA. 73+00 TO STA. 80+00
0.5' FROM STA. 88+50 TO STA. 94+00
0.5' FROM STA. 94+00 TO STA. 104+00
0.5' FROM STA. 122+50 TO STA. 131+00
0.5' FROM STA. 144+00 TO STA. 147+50
0.5' FROM STA. 151+50 TO STA. 153+50
0.5' FROM STA. 240+50 TO STA. 247+00
0.5' FROM STA. 276+50 TO STA. 277+50
0.5' FROM STA. 276+50 TO STA. 277+50
0.5' FROM STA. 282+00 TO STA. 282+50
0.5' FROM STA. 292+50 TO STA. 293+00
0.5' FROM STA. 300+50 TO STA. 306+50
0.5' FROM STA. 306+50 TO STA. 308+00
0.5' FROM STA. 363+00 TO STA. 364+50
0.5' FROM STA. 376+50 TO STA. 377+50
0.5' FROM STA. 384+50 TO STA. 385+00
0.5' FROM STA. 397+00 TO STA. 398+50
0.5' FROM STA. 408+50 TO STA. 409+50
0.5' FROM STA. 414+50 TO STA. 417+50
0.5' FROM STA. 462+00 TO STA. 465+50
0.5' FROM STA. 483+00 TO STA. 484+50
0.5' FROM STA. 490+50 TO STA. 492+50
0.5' FROM STA. 494+50 TO STA. 500+00
0.5' FROM STA. 500+00 TO STA. 501+50
0.5' FROM STA. 503+00 TO STA. 504+00

④ ASPHALT SHOULDER WIDTH VARIATION
3.0' FROM STA. 192+90 RT TO STA 196+60 RT
3.0' FROM STA. 193+70 LT TO STA. 197+40 LT
5.0' FROM STA. 261+30 RT TO STA. 265+65 RT
5.0' FROM STA, 261+75 LT TO STA. 266+15 LT
3.0' FROM STA. 392+90 RT TO STA. 394+63 RT
3.0' FROM STA. 396+27 RT TO STA 396+95 RT
3.0' FROM STA. 394+35 LT TO STA. 394+63 LT
3.0' FROM STA. 396+27 LT TO STA. 397+35 LT
0.5' FROM STA. 494+50 LT TO STA. 500+00 LT
2.0' WIDTH ON THE INSIDE OF CURVES FROM PC TO PT

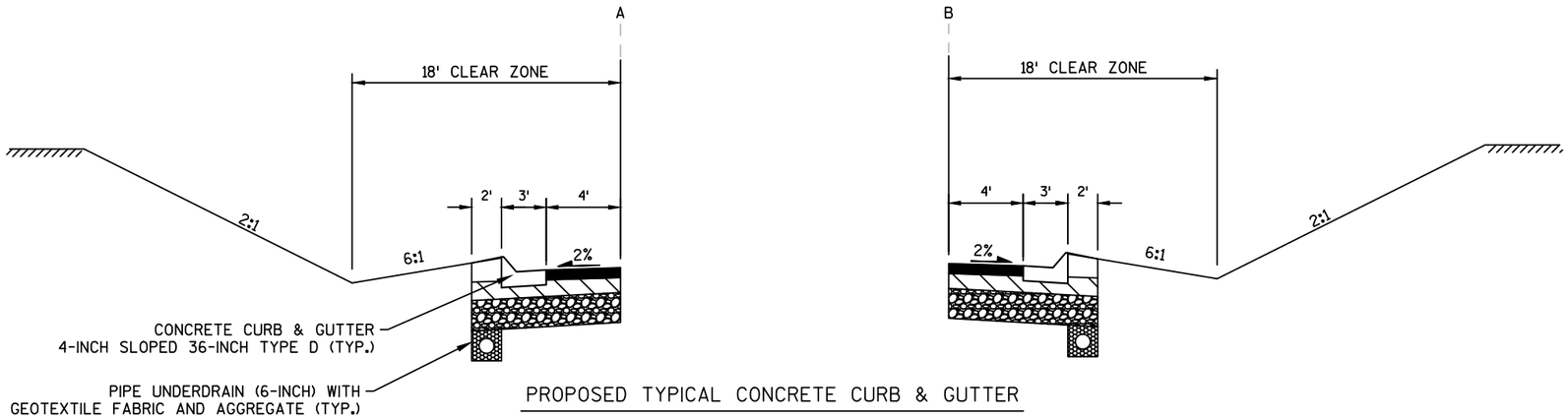
⑤ 10¾-INCH: STA. 0+33.86 TO STA. 273+00
8¾-INCH: STA. 273+00 TO STA. 508+54.11



① LOWER LIFT = 2 1/2-INCHES HMA PAVEMENT 3 LT 58-28 S
UPPER LIFT = 2-INCHES HMA PAVEMENT 4 LT 58-28 S

PROPOSED TYPICAL RESURFACE SECTION - STH 78 TO CTH K

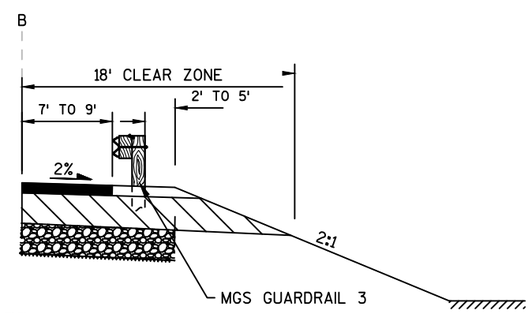
STA 0+33.86 TO STA 56+00
STA 71+00 TO STA 225+50
STA 237+50 TO STA 260+50
STA 283+00 TO STA 305+00



PROPOSED TYPICAL CONCRETE CURB & GUTTER

STA 4+45 TO STA 6+50 LT
STA 75+30 TO STA 76+10 LT
STA 238+58 TO STA 243+00 LT
STA 253+25 TO STA 257+25 LT

STA 75+30 TO STA 76+10 RT
STA 254+55.13 TO STA 258+50 RT



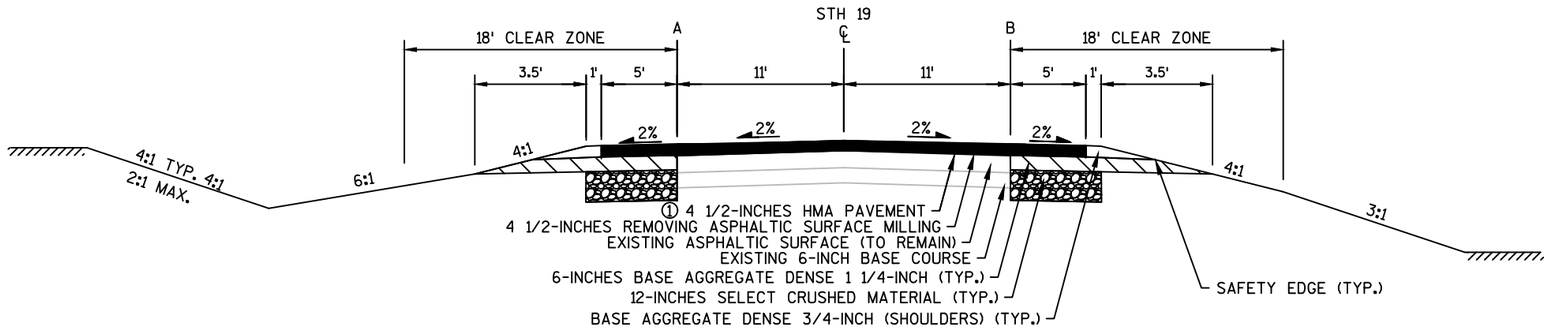
PROPOSED TYPICAL BEAM GUARD

STA 194+06 TO STA 194+95 LT
STA 193+58 TO STA 194+89 RT
STA 196+19.09 TO STA 196+94 LT
STA 196+9.40 TO STA 196+47 RT

2

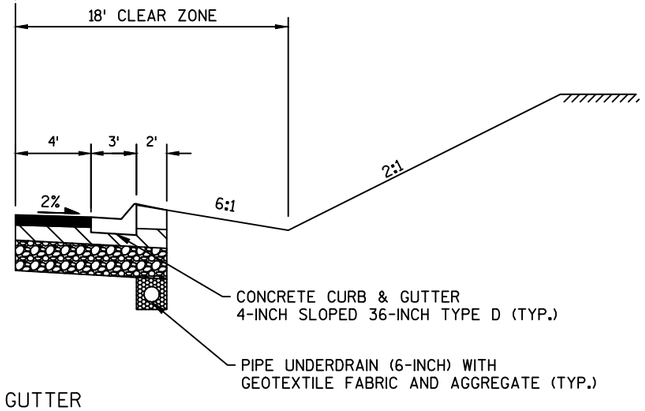
2

① LOWER LIFT = 2 1/2-INCHES HMA PAVEMENT 3 LT 58-28 S
UPPER LIFT = 2-INCHES HMA PAVEMENT 4 LT 58-28 S



PROPOSED TYPICAL RESURFACE SECTION - CTH K TO USH 12

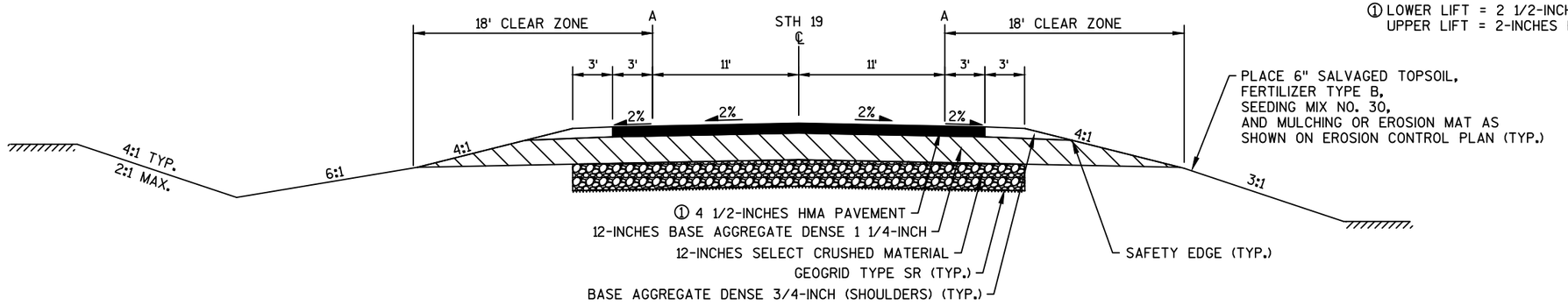
STA 463+50 TO STA 508+49.89



PROPOSED TYPICAL CONCRETE CURB & GUTTER

STA 463+50 TO STA 465+00 RT
STA 467+00 TO STA 467+75 RT
STA 482+33 TO STA 484+00 RT

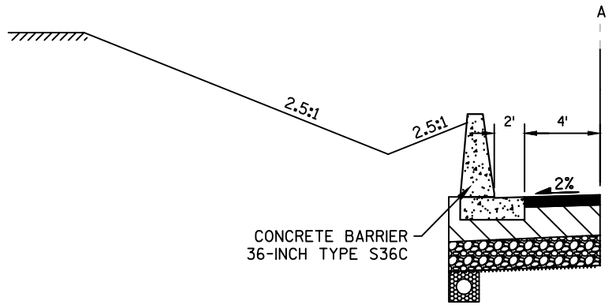
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	SHEET 6	E



① LOWER LIFT = 2 1/2-INCHES HMA PAVEMENT 3 LT 58-28 S
UPPER LIFT = 2-INCHES HMA PAVEMENT 4 LT 58-28 S

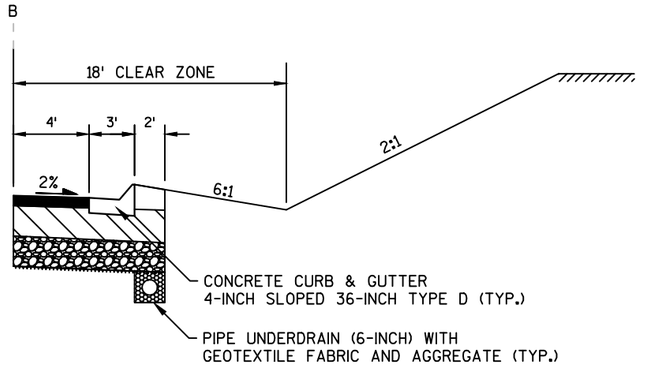
PROPOSED TYPICAL RECONSTRUCT SECTION - STH 78 TO CTH K

STA 56+00 TO STA 71+00
STA 225+50 TO STA 237+50
STA 260+50 TO STA 283+00



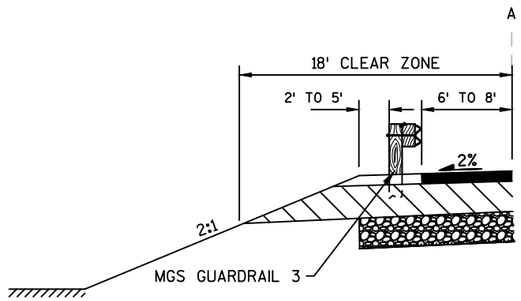
PROPOSED TYPICAL CONCRETE BARRIER - STH 78 TO CTH K

STA 58+50 TO STA 61+00 LT



PROPOSED TYPICAL CONCRETE CURB & GUTTER - STH 78 TO CTH K

STA 56+43.15 TO STA 58+50 RT
STA 226+00 TO STA 232+18.58 LT
STA 232+88.63 TO STA 233+67.34 RT
STA 265+56 TO STA 276+34.51 LT**
STA 270+54.43 TO STA 279+39.1 RT



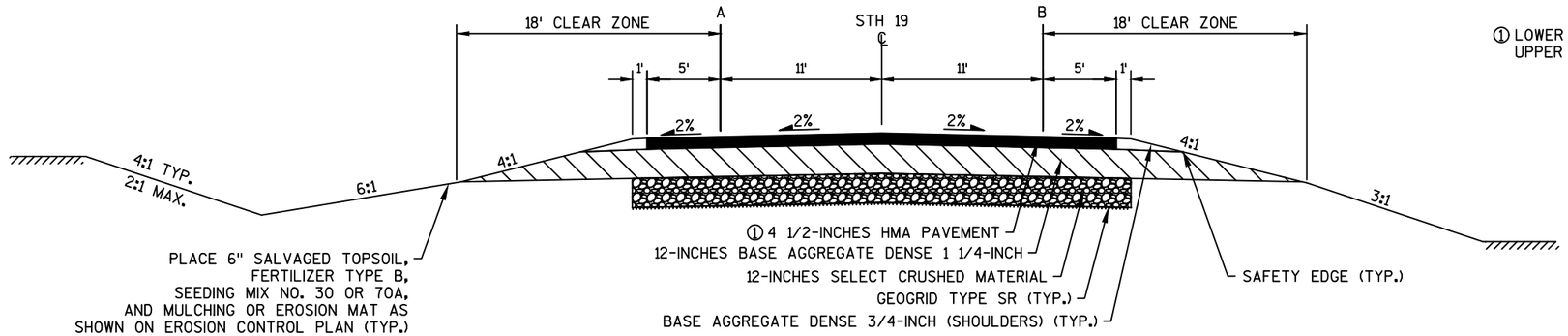
PROPOSED TYPICAL BEAM GUARD - STH 78 TO CTH K

STA 57+60 TO STA 58+50 LT STA 262+03 TO STA 262+78 RT
STA 61+00 TO STA 61+90 LT STA 264+26 TO STA 265+19 RT
STA 262+41 TO STA 262+78 LT

*CONCRETE CURB AND GUTTER TYPE TBT OR TBTT WITHIN THIS STATION RANGE. SEE CONSTRUCTION DETAIL SHEETS FOR DETAILS

** CONCRETE DRIVEWAY ENTRANCE STYLE CURB AND GUTTER FROM STA 265+43.59 TO STA 266+56 LT. SEE CONSTRUCTION DETAIL AND PLAN DETAIL SHEETS FOR DETAILS

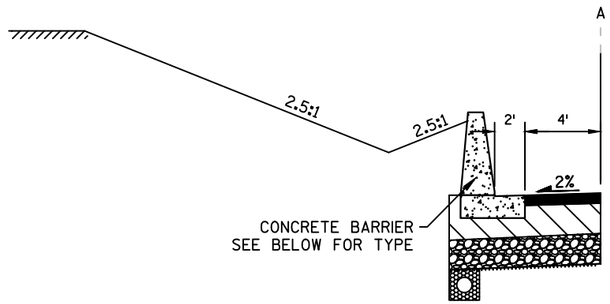
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	SHEET 7	E

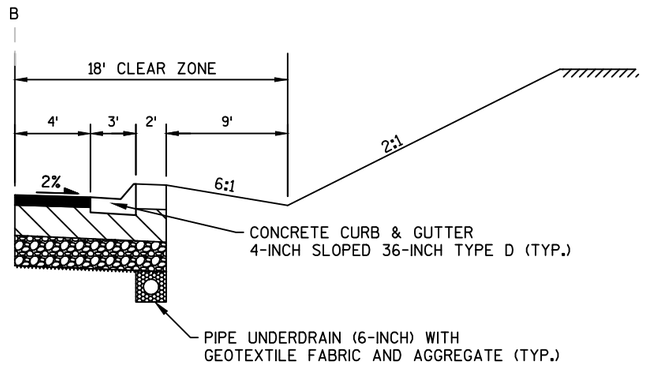


① LOWER LIFT = 2 1/2-INCHES HMA PAVEMENT 3 LT 58-28 S
UPPER LIFT = 2-INCHES HMA PAVEMENT 4 LT 58-28 S

PROPOSED TYPICAL RECONSTRUCT SECTION - CTH K TO USH 12

STA 305+00 TO STA 463+50



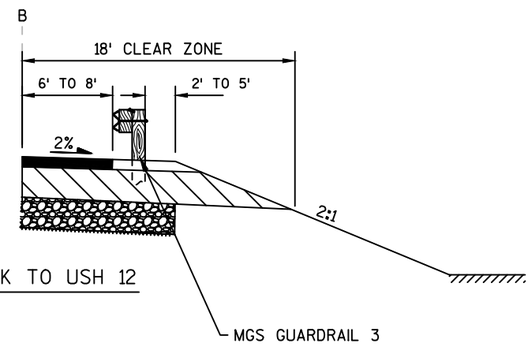


PROPOSED TYPICAL CONCRETE BARRIER - CTH K TO USH 12

32-INCH TYPE S32C	STA 329+00 TO STA 337+00 LT
32-INCH TYPE S32C	STA 344+16 TO STA 350+50 LT
56-INCH TYPE S56C	STA 359+00 TO STA 364+00 LT
32-INCH TYPE S32C	STA 451+43 TO STA 454+18 RT

PROPOSED TYPICAL CONCRETE CURB & GUTTER - CTH K TO USH 12

STA 315+00 TO STA 320+50 LT
STA 326+50 TO STA 328+10 LT
STA 337+92 TO STA 338+50 LT
STA 341+42 TO STA 343+26 LT
STA 351+43 TO STA 358+11 LT
STA 364+89 TO STA 366+25 LT
STA 406+50 TO STA 409+47 LT
STA 414+50 TO STA 417+50 LT
STA 422+00 TO STA 455+47 LT
STA 360+25 TO STA 362+50 RT
STA 406+50 TO STA 409+47 RT
STA 449+14 TO STA 450+55 RT
STA 455+07 TO STA 455+47 RT
STA 462+00 TO STA 463+50 RT



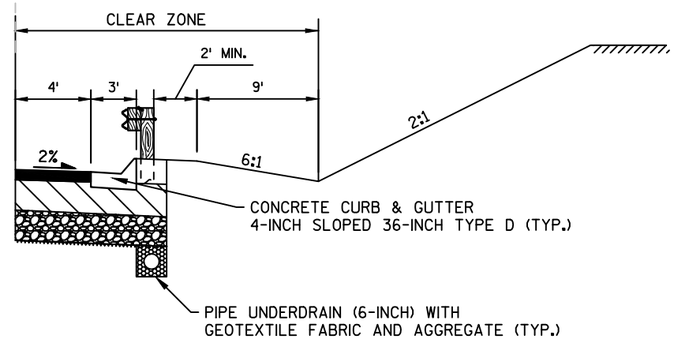
PROPOSED TYPICAL BEAM GUARD - CTH K TO USH 12

STA 328+63 TO STA 338+50 RT
STA 343+61 TO STA 354+34 RT

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PROPOSED TYPICAL SECTIONS	SHEET 8	E

2

B



PROPOSED TYPICAL CONCRETE CURB & GUTTER WITH BEAM GUARD

STA 195+66.12 TO STA 196+19.09 LT*
STA 262+78 TO STA 263+31 LT*
STA 264+26 TO STA 265+56 LT**
STA 328+10 TO STA 329+00 LT
STA 337+00 TO STA 337+92 LT
STA 343+26 TO STA 344+16 LT
STA 350+50 TO STA 351+43 LT
STA 358+11 TO STA 359+00 LT
STA 364+00 TO STA 364+89 LT

STA 195+56.46 TO STA 196+9.40 RT*
STA 262+78 TO STA 263+31 RT*
STA 450+55 TO STA 451+43 RT
STA 454+18 TO STA 455+07 RT

*CONCRETE CURB AND GUTTER TYPE TBT OR TBTT WITHIN THIS STATION RANGE. SEE CONSTRUCTION DETAIL SHEETS FOR DETAILS

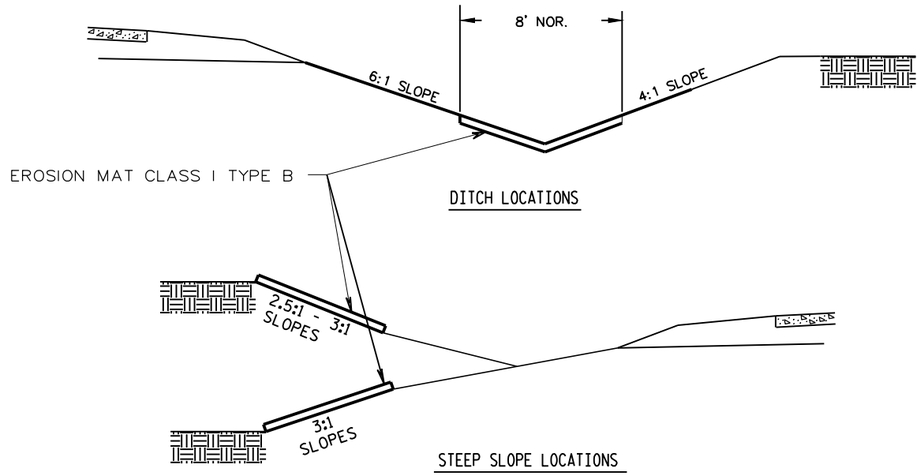
** CONCRETE DRIVEWAY ENTRANCE STYLE CURB AND GUTTER FROM STA 265+43.59 TO STA 266+56 LT. SEE CONSTRUCTION DETAIL AND PLAN DETAIL SHEETS FOR DETAILS

2

RUNOFF COEFFICIENT TABLE

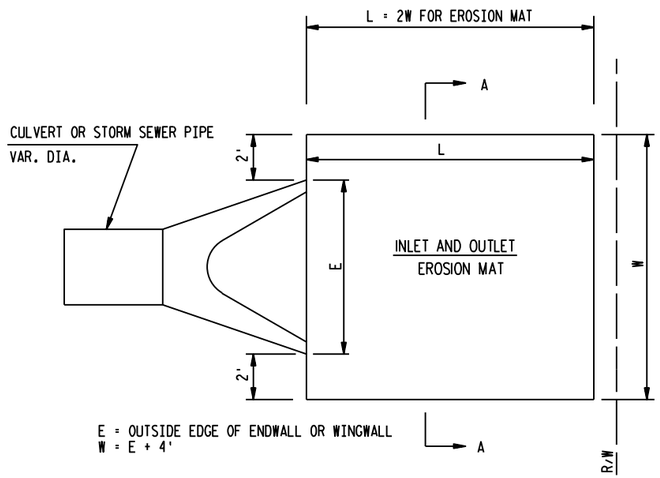
	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08 .22	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP-TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23 .30	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE-TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:												
ASPHALT	.70 - .95											
CONCRETE	.80 - .95											
BRICK	.70 - .80											
DRIVES, WALKS	.75 - .85											
ROOFS	.75 - .95											
GRAVEL ROADS, SHOULDERS	.40 - .60											

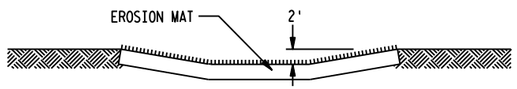
TOTAL PROJECT AREA =137.0 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES =103.0 ACRES



DETAIL FOR EROSION MAT PLACEMENT

LOCATIONS SHOWN ON EROSION CONTROL PLAN



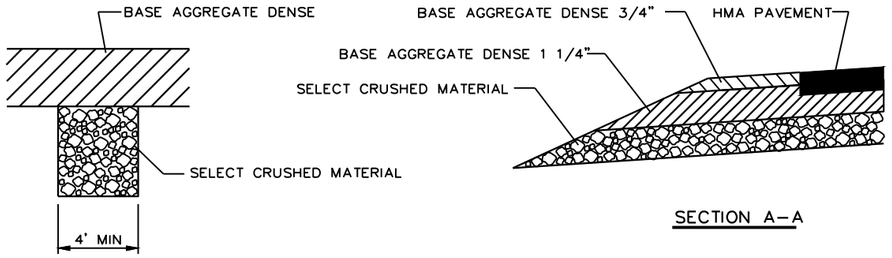


INLET AND OUTLET SECTION A-A

EROSION MAT

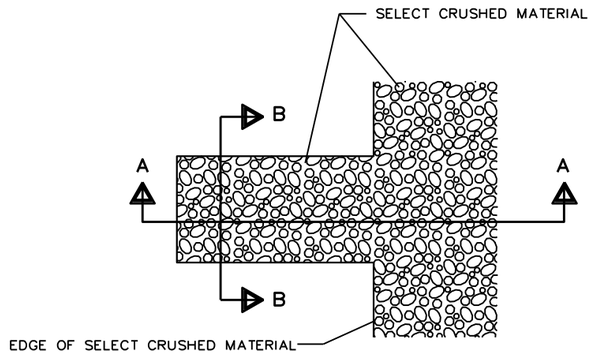
DETAIL FOR EROSION CONTROL AT CULVERT OR STORMSEWER PIPE ENDS

SEE EROSION CONTROL PLAN SHEETS FOR LOCATIONS



SECTION B–B

SECTION A–A

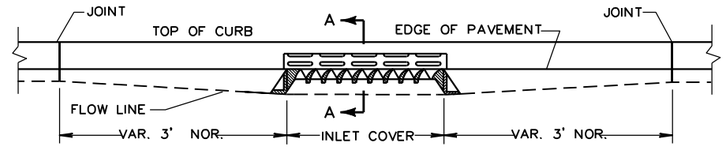


DETAIL FOR FRENCH DRAINS

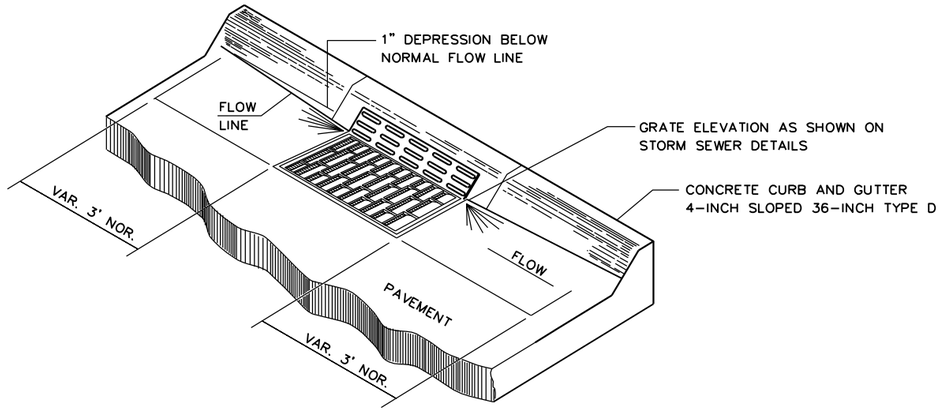
DRAINS ARE TO BE CONSTRUCTED AT LEAST EVERY 250' AND AT EACH SAG VERTICLE CURVE IN THE PROFILE OR AS DIRECTED BY THE ENGINEER.

EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM SELECT CRUSHED MATERIAL

DO NOT COVER SELECT CRUSHED MATERIAL WITH TOPSOIL

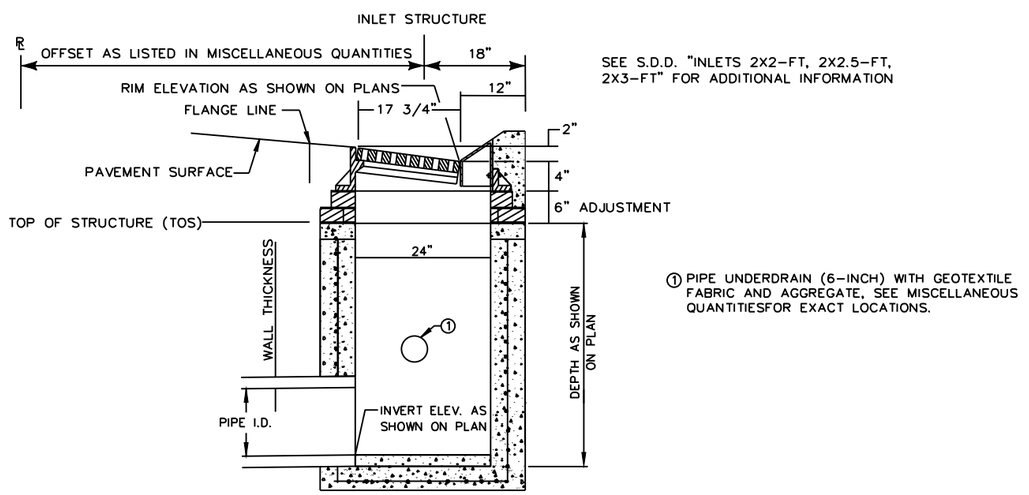


ELEVATION



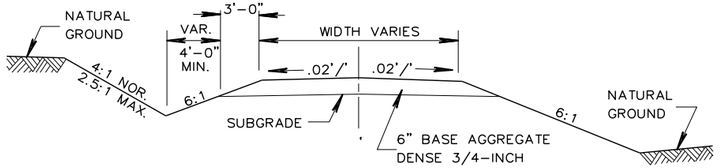
DETAIL FOR CURB AND GUTTER AT INLETS

(2x3-FT – HM INLET SHOWN)

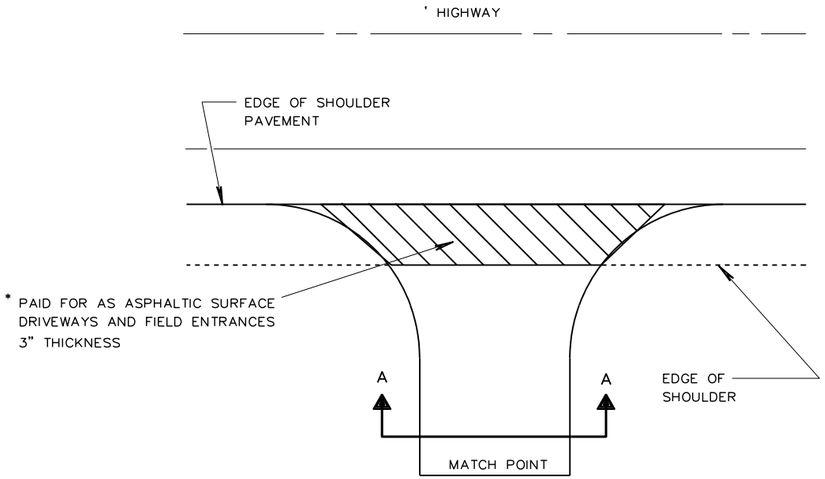


SECTION A–A
(2X3-FT – HM INLET SHOWN)

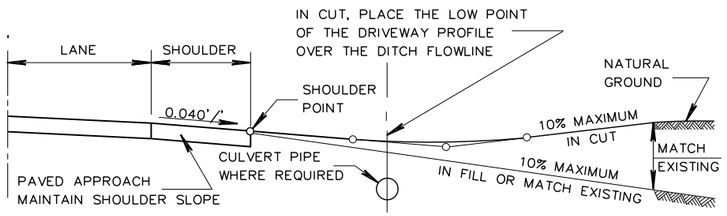
DETAIL FOR CONCRETE CURB AND GUTTER 4–INCH SLOPED 36–INCH TYPE D AT INLETS



SECTION A–A

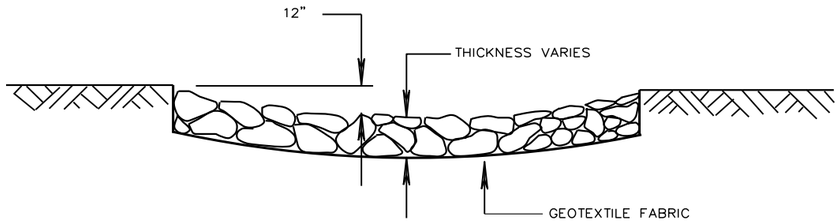


PLAN



PROFILE

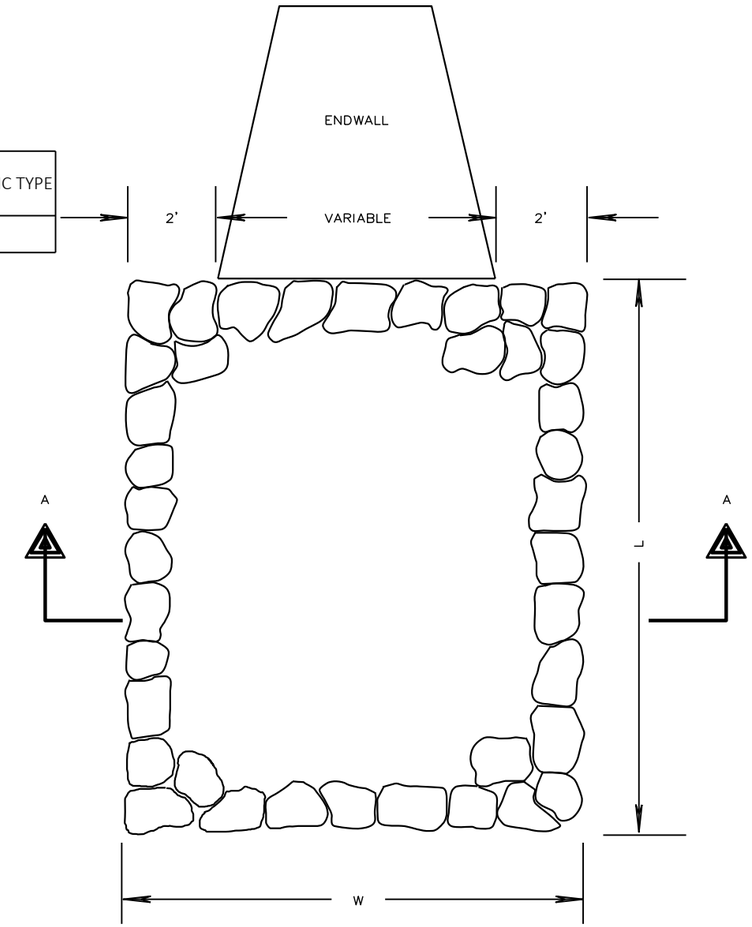
DETAIL FOR RURAL DRIVEWAY



SECTION A–A

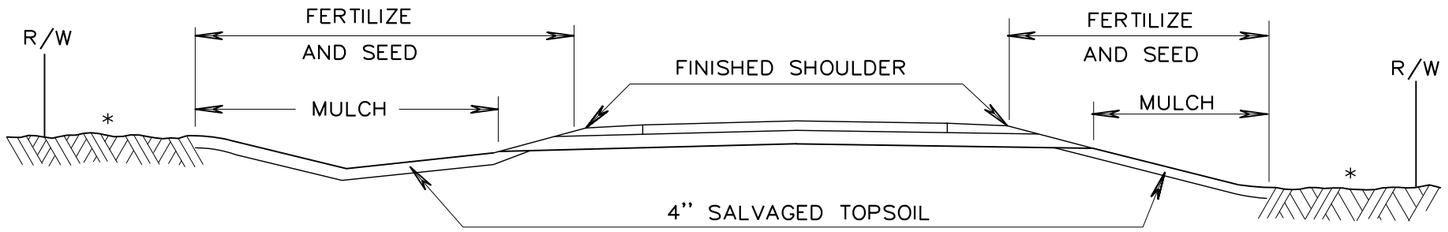
RIPRAP TYPE	THICKNESS	GEOTEXTILE FABRIC TYPE
HEAVY	24 INCHES	HR

NOTE: L = 2W



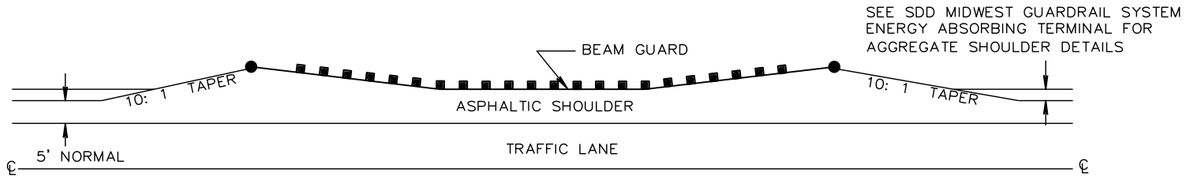
RIPRAP TREATMENT AT CULVERTS

2

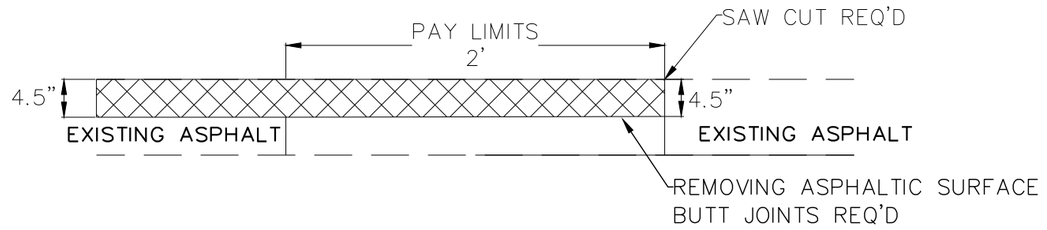


* DISTURBED AREAS TO BE FERTILIZED & SEEDED

DETAIL FOR FINISHING ITEMS

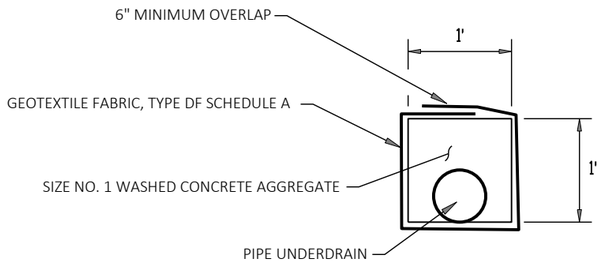


DETAIL FOR ASPHALTIC SHOULDER AT BEAM GUARD

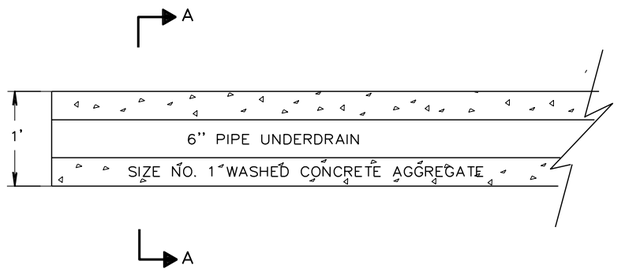


PROJECT BUTT JOINT DETAIL

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET 13	E



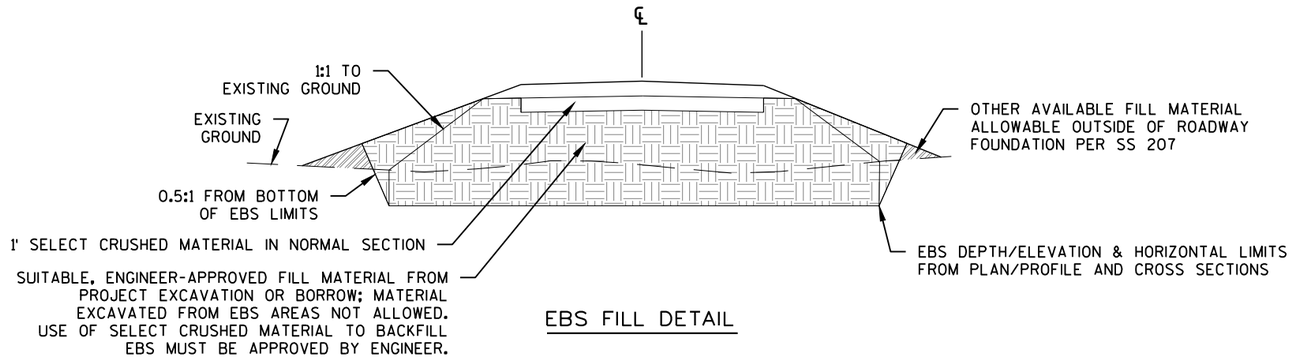
SECTION A–A



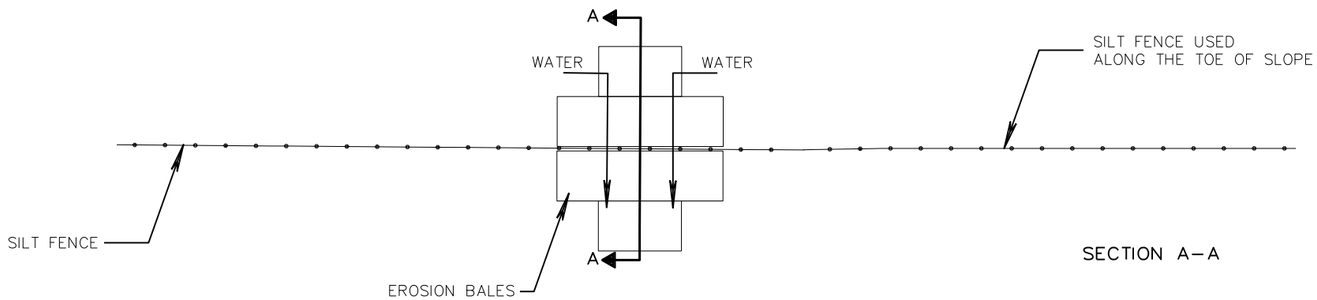
PLAN VIEW

PIPE UNDERDRAIN (6–INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE DETAIL

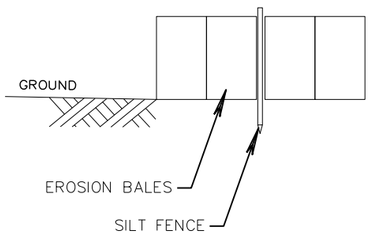
SEE MISCELLANEOUS QUANTITIES FOR EXACT LOCATIONS.



EBS FILL DETAIL



TOP VIEW



SECTION A–A

NOTES:
THE SILT FENCE RELIEF DETAIL IS A SUPPLEMENTAL DETAIL TO THE SILT FENCE STANDARD DETAILS AND SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

INSTALL SILT FENCE PRIOR TO CONSTRUCTING THE SILT FENCE OPENING. PRIOR TO CONSTRUCTING THE SILT FENCE OPENING, PLACE EROSION BALES AT THE SILT FENCE OPENING AS SHOWN IN THIS DETAIL.

CONSTRUCTION OF THE SILT FENCE OPENING SHALL BE INCIDENTAL TO THE COST OF THE SILT FENCE BID ITEM.

PROVIDE A MINIMUM OF 6 EROSION BALES MINIMUM PER 3 FOOT OPENING. EROSION BALES SHALL BE PAID UNDER THE EROSION BALES BID ITEM.

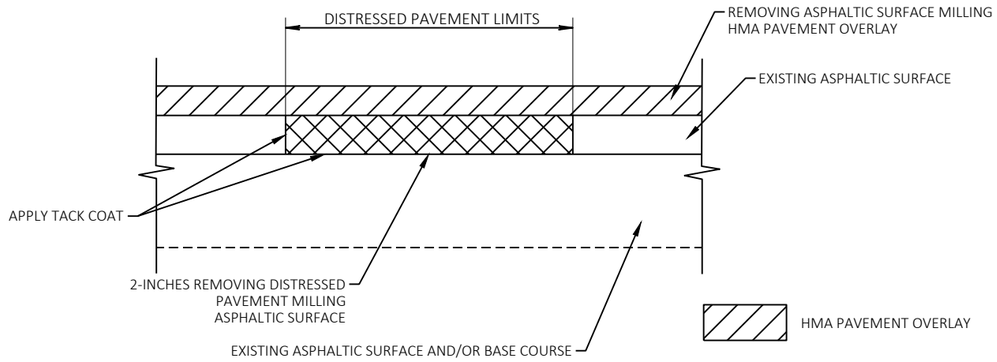
THE CONTRACTOR SHALL ADJUST THE SILT FENCE RELIEF OPENINGS WITHIN THE SILT FENCE AS NECESSARY TO PROVIDE RELIEF: AS SHOWN ON THE PLANS, TO FIT FIELD CONDITIONS AND AS DIRECTED BY THE FIELD ENGINEER.

DO NOT CUT THE SUPPORT CORD OR TENSION TAPE WHEN CONSTRUCTING THE SILT FENCE OPENING. KEEP THE TOP OF THE SILT FENCE OPENING 1"± BELOW THE 3" FOLD AT THE SUPPORT CORD OR TENSION TAPE.

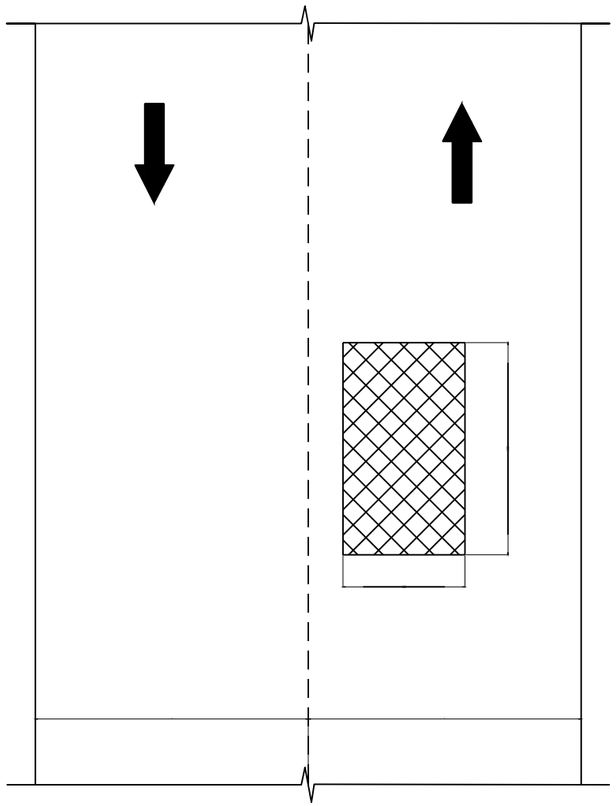
REFER TO THE SILT FENCE STANDARD DETAILS FOR ALLOWABLE ADJUSTMENTS TO POST SPACING.

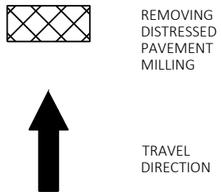
EROSION BALES USED FOR SILT FENCE RELIEF DETAIL

2



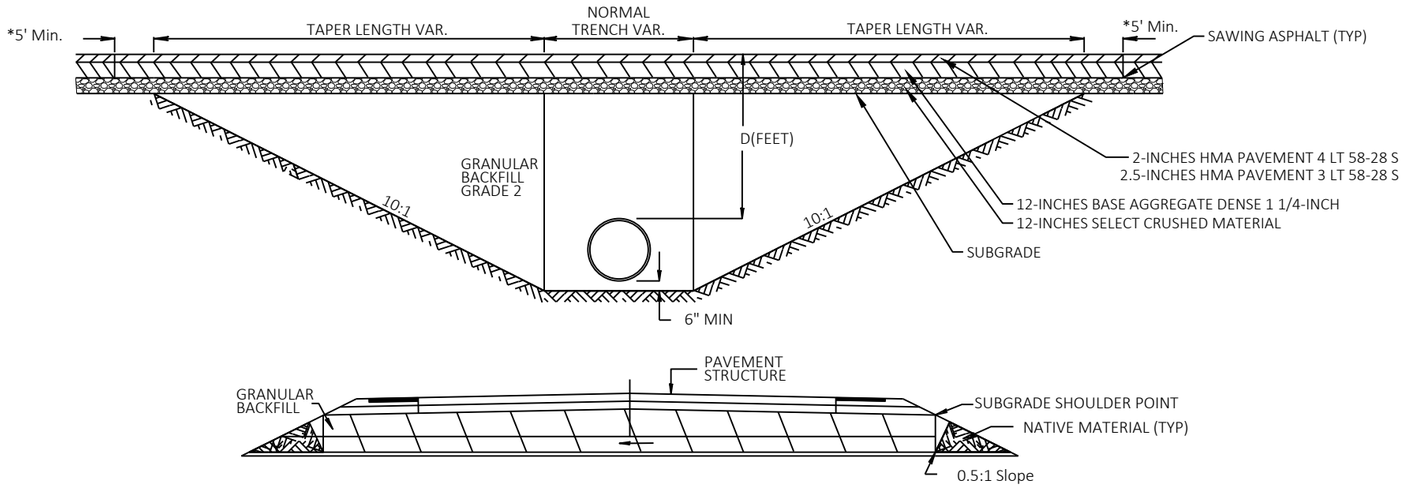
REMOVING DISTRESSED PAVEMENT MILLING
SECTION A-A





PLAN VIEW

EXACT LOCATION AND LIMITS OF REMOVING DISTRESSED PAVEMENT MILLING TO BE DETERMINED BY THE ENGINEER IN THE FIELD

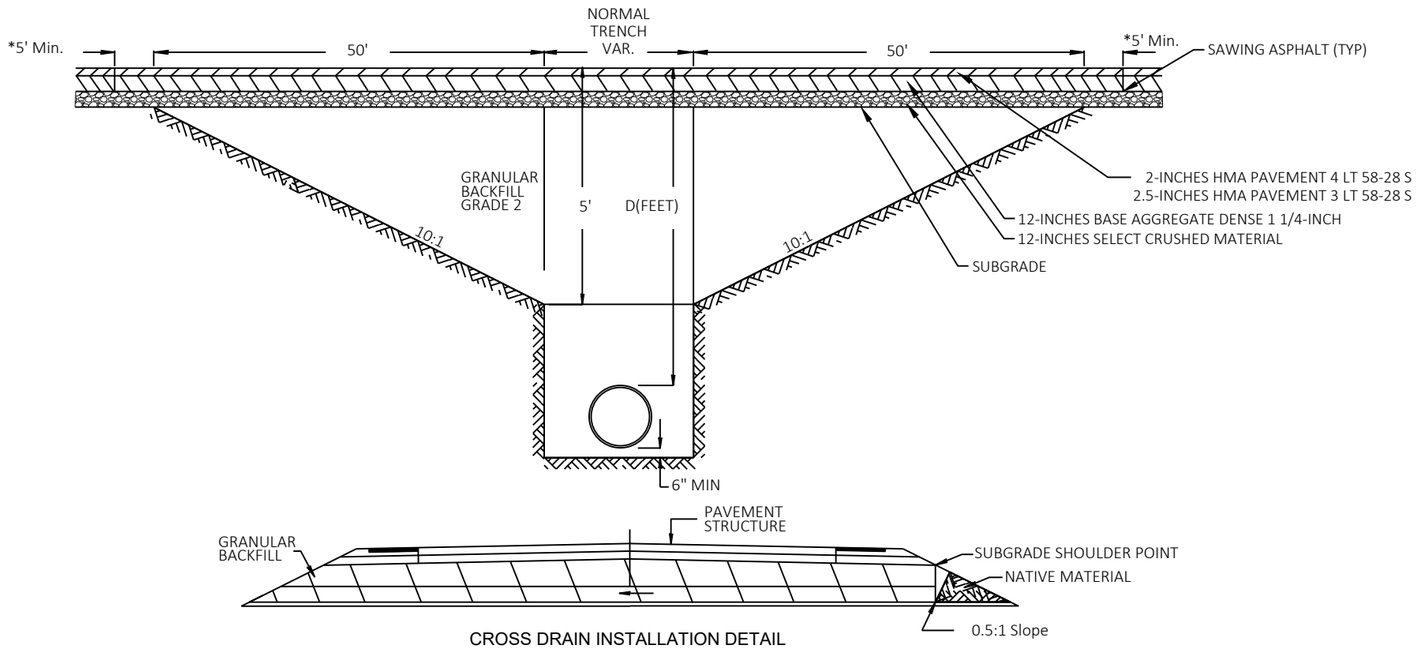


CROSS DRAIN INSTALLATION DETAIL
FOR D ≤ 5'

*PAVEMENT REMOVAL LIMITS (TYP.)

STATION	DIAMETER	D(FT)
0+70	24"x38"	2'
3+89	19"x30"	1.6'
7+69	19"x30"	1.1'
7+74	19"x30"	1.2'
21+12	14"x23"	1.8'
21+19	14"x23"	1.8'
27+19	29"x45"	1.3'
39+75	24"x38"	2.1'
39+83	24"x38"	2.1'
39+89	24"x38"	2'
46+43	24"x38"	1.4'
75+66	34"x53"	1.3'
75+78	34"x53"	1.3'
89+07	19"x30"	1.5'
89+13	19"x30"	1.5'
103+41	19"x30"	1.3'
120+73	24"x38"	1.1'
120+80	24"x38"	1.1'
120+87	24"x38"	1.1'
129+92	24"x38"	1.7'
143+81	19"x30"	1.9'
146+55	19"x30"	1.4'
149+85	19"x30"	2'
163+00	30"	2'
175+06	19"x30"	1.9'
211+05	19"x30"	1.6'
218+42	19"x30"	2.2'
248+23	19"x30"	1.8'
248+29	19"x30"	1.8'
286+25	30"	2.3'
288+03	38"x60"	2.6'
288+12	38"x60"	2.8'
463+50	19"x30"	2.4'
467+47	38"x60"	2.8'
467+56	38"x60"	2.8'
467+65	38"x60"	2.8'

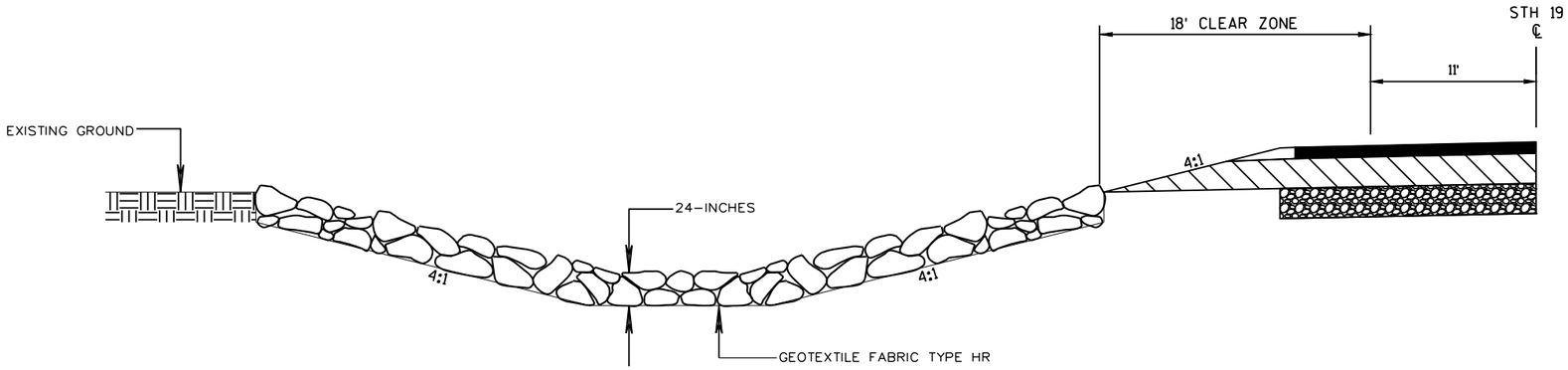
NOTE: ALL PIPE EXCAVATION AND GRANULAR BACKFILL GRADE 2 IS INCIDENTAL TO INSTALLING PROPOSED CULVERT PIPES.



CROSS DRAIN INSTALLATION DETAIL

STATION	DIAMETER	D(FT)
182+99	24"	5.7'
491+21	24"	5.8'

2



RIPRAP TREATMENT AT DITCH SECTION

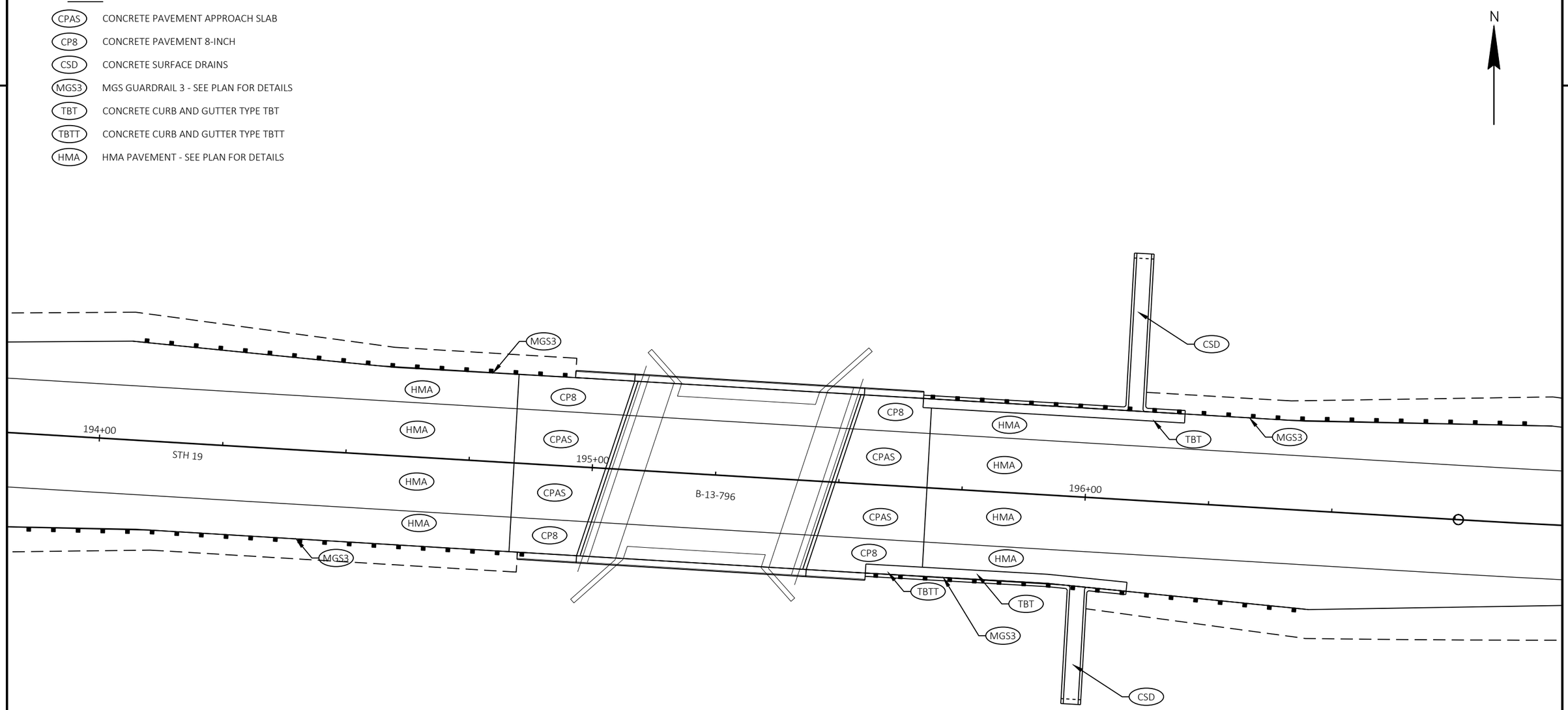
STA. 402+00 – STA 404+50

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET 17	E

2

LEGEND

CPAS	CONCRETE PAVEMENT APPROACH SLAB
CP8	CONCRETE PAVEMENT 8-INCH
CSD	CONCRETE SURFACE DRAINS
MGS3	MGS GUARDRAIL 3 - SEE PLAN FOR DETAILS
TBT	CONCRETE CURB AND GUTTER TYPE TBT
TBTT	CONCRETE CURB AND GUTTER TYPE TBTT
HMA	HMA PAVEMENT - SEE PLAN FOR DETAILS



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS: APPROACH DETAILS	SHEET 18	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021003_CD.DWG
LAYOUT NAME - 021011_cd

PLOT DATE : 7/21/2022 11:49 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT

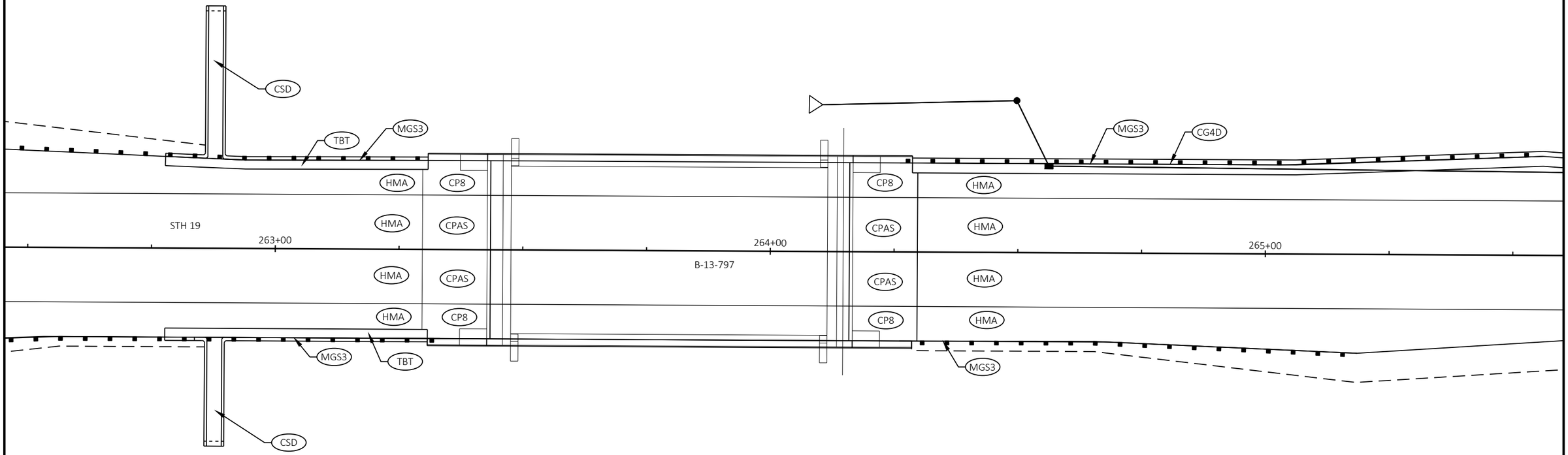
WISDOT/CADDS SHEET 42

2

LEGEND

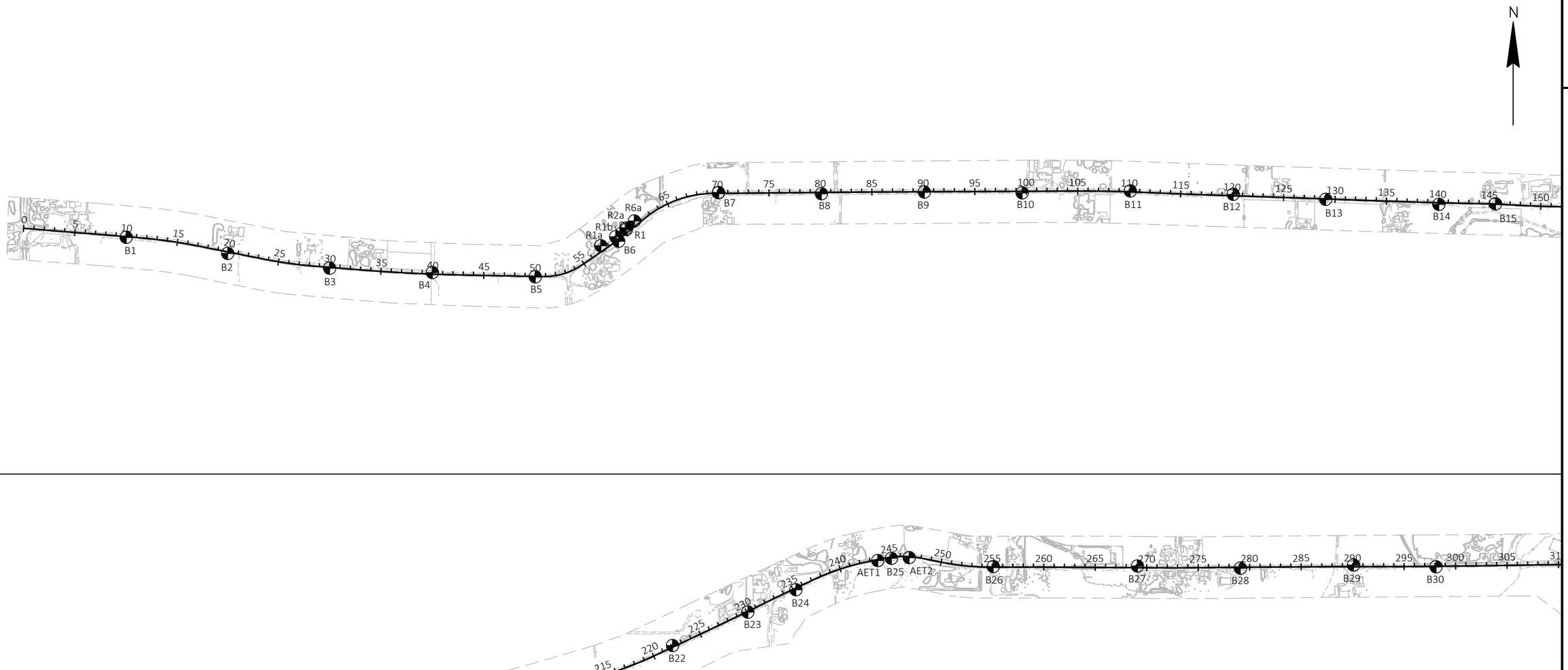
CPAS	CONCRETE PAVEMENT APPROACH SLAB
CP8	CONCRETE PAVEMENT 8-INCH
CSD	CONCRETE SURFACE DRAINS
MGS3	MGS GUARDRAIL 3 - SEE PLAN FOR DETAILS
TBT	CONCRETE CURB & GUTTER TYPE TBT
CG4D	CONCRETE CURB & GUTTER TYPE 4-INCH SLOPED 36-INCH TYPE D
HMA	HMA PAVEMENT - SEE PLAN FOR DETAILS

N



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS: APPROACH DETAILS	SHEET 19	E

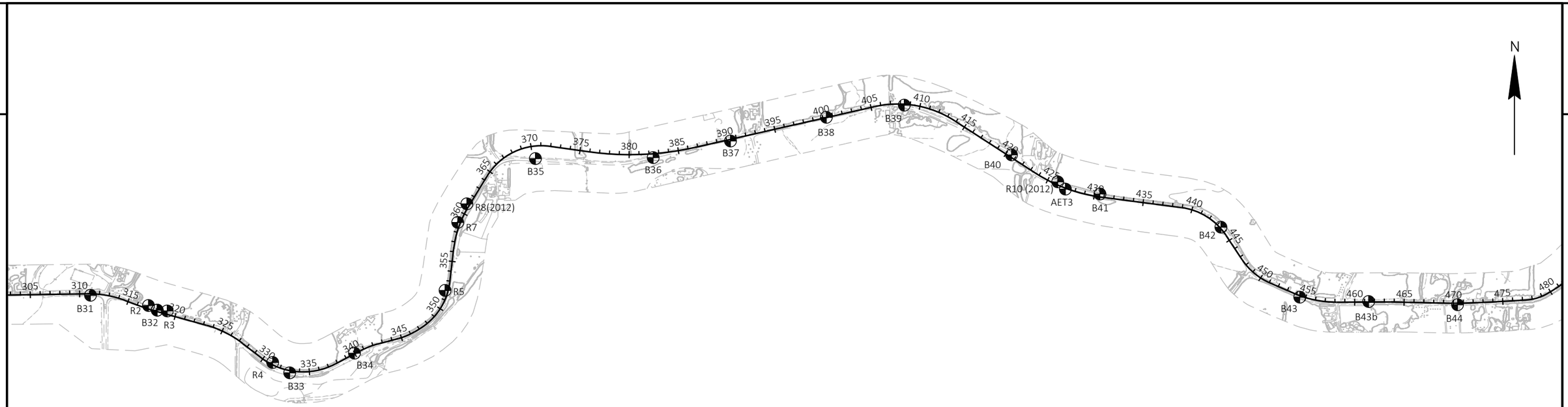
2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CONSTRUCTION DETAILS - BORINGS	SHEET 20	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021002_CD - BORINGS.DWG
LAYOUT NAME - Boring Plan 1000' (1)

PLOT DATE : 7/21/2022 11:50 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:1000 FT


N
305
310
315
320
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395
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435
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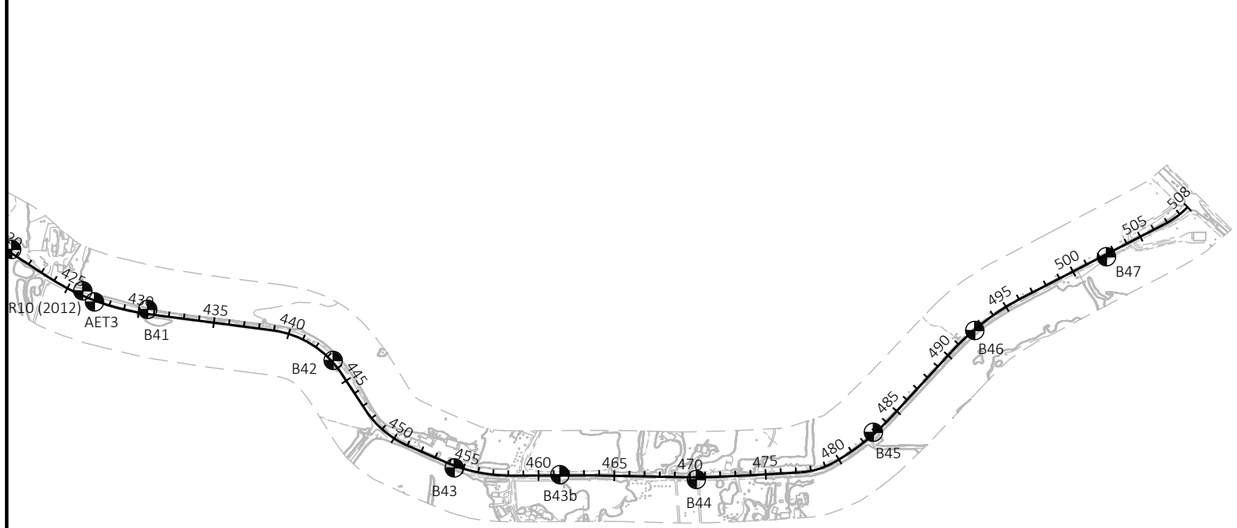
445
450
455
460
465
470
475
480
B31
R2
B32
R3
R4
B33
B34
R5
R7
R8(2012)
B35
B36
B37
B38
B39
B40
R10 (2012)
AET3
B41
B42
B43
B43b
B44


N
420
425
430
435
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445
450
455
460
465
470
475
480
485
490
495
500
505
508
R10 (2012)
AET3
B41
B42
B43
B43b
B44
B45
B46
B47

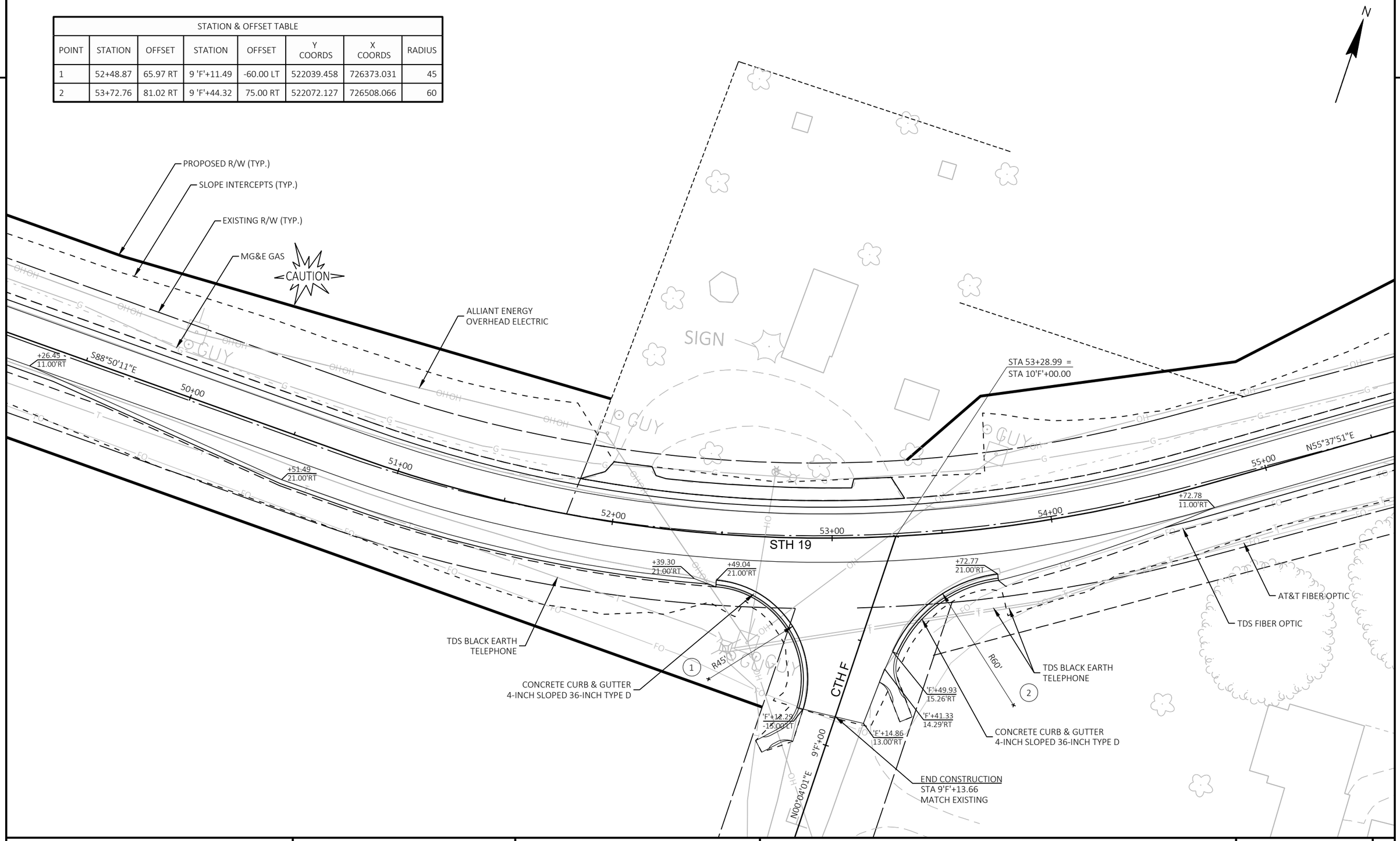
Boring No.	Approx Sta.	Approx Offfset (FT)		Asphalt (IN)	Approx. Base (IN)	Subgrade Material Description
B1	10+00	7	R	12	12	FINE SAND & GRAVEL, TRACE CLAY
B2	20+00	15	R	---	4	VERY SILTY, FINE SAND, BROWN COLOR
B3	30+00	8	R	12	18	SILTY FINE SANE, BROWN COLOR
B4	40+00	15	L	---	6	LIGHT BROWN, FINE SAND
B5	50+00	4	R	12	12	DARK BROWN, CLAYEY FINE SANE W/ GRAVEL
B6	59+00	15	R	---	12	LIGHT BROWN, SANDY SILT W/ GRAVEL
B6a	61+42	44	L	----	18	BROWN MOIST FINE TO MEDIUM SAND
B7	70+09	8	L	18	12	SILTY CLAY, FINE SANE , DARK BROWN
B8	80+09	12	R	---	6	BLACK SILTY CLAY & FINE SAND
B9	90+09	3	R	12	18	SILTY SANDE & SILTY CLAY
B10	99+59	15	R	---	12	DARK BROWN SILTY FINE CLAY W/ SAND
B11	110+09	9	L	12	24	CLAYEY FINE SAND
B12	120+09	14	L	---	6	CLAYEY FINE SAND W/ ORGANICS
B13	129+09	4	R	12	24	SILTY FINE SAND W/ GRAVEL
B14	140+09	15	R	---	6	TOPSOIL & SILTY CLAY W/ FINE SAND
B15	145+59	2	L	12	48 (base is subgrade)	LIGHT BROWN SILTY CLAY W/ FINE SAND
B16	158+09	14	R	---	6	TOPSOIL & DARK BROWN SILTY CLAY W/ FINE SAND & GRAVEL
B17	169+09	8	R	16	6	TOPSOIL & DARK BROWN SILTY CLAY W/ FINE SAND
B18	180+09	17	R	---	6	TOPSOIL & DARK BROWN SILTY CLAY W/ FINE SAND & GRAVEL
B19	190+09	7	L	12	12	TOPSOIL & DARK BROWN SILTY CLAY W/ FINE SAND
B20	200+09	15	R	---	6	BROWN SILTY SAND W/ GRAVEL & CLAY
B21	209+09	5	R	12	48 (base is subgrade)	BROWN SILTY CLAY W/ SAND
B22	222+09	15	L	---	6	BROWN SILITY CLAY W/ FINE SAND & GRAVEL
B23	230+09	6	R	12	6	TOPSOIL, BROWN SILTY CLAY W/ SAND, FINE-MED SAND & GRAVEL
B24	235+24	15	R	---	78 (base is subgrade)	SILTY SAND & GRAVEL
AET 1	243+75	9	R	5.25	18.75	BROWN CLAY
B25	245+09	11	R	6	54 (base is subgrade)	BROWN SILTY CLAY W/ FINE SAND & GRAVEL
AET 2	246+85	9.5	R	5.5	18.5	BROWN/GRAY CLAY
B26	255+09	6	L	15	42	SILTY SAND/CLAY
B27	269+09	15	L	---	6	TOPSOIL & SILTY CLAY W/ FINE SAND & GRAVEL
B28	279+09	9	R	12	48	LIGHT BROWN SILTY SAND W/ GRAVEL
B29	290+09	15	L	---	6	TOPSOIL& BROWN SILTY CLAY W/ SAND
B30	298+09	5	R	12	12	MOIST SILTY CLAY W/ FINE SAND
B31	311+10	15	R	---	6	MOIST SILTY SANDS & GRAVELS
B32	318+09	14	L	6	24	MOIST SILT W/ FINE SAND
B33	333+04	22	R	---	12	BROWN MOIST SILTY CLAY W/ FINE-MED SANDS & GRAVELS
B34	339+98	7	L	12	24	BROWN MOIST SILTY CLAY W/ FINE-MED SANDS & GRAVELS
B35	370+30	127	R	---	12	MOIST TOPSOIL & SILTY CLAYS W/ FINE-MED SANDS & GRAVELS
B36	382+40	39	R	12	12	MOIST FINE SAND & GRAVEL
B37	390+36	16	R	---	18	MOIST TOPSOIL & MOIST SILTY CLAY W/ SAND
B38	400+36	3	L	12	6	DARK BROWN MOIST TOPSOIL
B39	408+40	9	R	---	12	MOIST SILTY CLAY WITH FINE-COARSE SANDS & GRAVELS
B40	420+53	22	L	9	12	MOIST SILTY CLAY W/ FINE SAND
AET 3	427+00	9	R	8.25	15.75	CLAY W/ SILT & GRAVEL
B41	430+55	30	L	---	12	MOIST SILTY SANDS + GRAVELS
B42	443+43	10	L	12	18	MOIST SILTY CLAY W/ SANDS & BROWN SILITY SANDSTONE
B43	454+41	15	R	---	18	BROWN MOIST SANDS & GRAVELS W/ CLAY
B43b	461+41	5	L	9	9	GREY MOIST CLAYEY SILT W/ SAND & BROWN MOIST SILTY CLAY W/ SAND
B44	470+41	15	R	---	12	MOIST SILTY CLAY & DAMP SANDS/ GRAVELS
B45	482+91	11	L	---	12	BROWN SILTY CLAY W/ FINE SANDS & GRAVELS
B46	492+41	5	R	12	18	DAMP SANDS & GRAVELS W/ MOIST SILTY CLAY
B47	502+41	15	R	---	12	MOIST SILTY CLAY W/ SAND & GRAVEL

2

Boring No.	Approx Sta.	Approx Offfset (FT)		Soil Structure Thickness					
				Topsoil Depth (FT)	Silt or Silty Sand Depth (FT)	Cobbles & Boulders Depth (FT)	Sandstone Depth (FT)	Limestone Depth (FT)	Soil/ Rock Material
R1a	57+33	51	L	0 - 1	----	----	1 - 17	----	ROCK FOUND AT 1' DEPTH
R1b	59+04	37	L	0 - .5	.5 - 2	----	2 - 20	----	ROCK FOUND AT 2' DEPTH
R1	60+30	29	L	----	0 - 9	9 -9.5	16 - 18.5	----	COBBLES & BOULDERS FOUND AT 9' DEPTH
R2a	60+34	41	L	0 - 1	1 - 5	----	12 - 20	----	NO ROCK WITHIN 10 FT OF BORING
R2	317+09	33	L	0 - 1	1 - 11.5	----	11.5 - 13	----	NO ROCK WITHIN 10 FT OF BORING
R3	319+09	33	L	0 - 1	1 - 10	----	10 - 14	----	NO ROCK WITHIN 10 FT OF BORING
R4	331+06	22	L	----	0 - 6 & 9 - 12	6 - 9	12 - 15	----	COBBLES & BOULDERS FOUND AT 6' DEPTH
R5	351+95	31	L	0 - 1	1 - 9 & 10 - 17	9 - 10	22 - 25	----	COBBLES & BOULDERS FOUND AT 9' DEPTH
R7	358+95	26	L	0 - 1	1 - 10	44356	21 - 25	16 - 21	NO ROCK WITHIN 10 FT OF BORING
R8 (2012)	361+00	29	L	0 - 1	10 - 12 & 14 - 16	12 - 14	16 - 20	20 - 25	NO ROCK WITHIN 10 FT OF BORING
R10 (2012)	426+00	29	L	----	0 - 10 & 15 - 20	44356	20 - 25	10 - 15	NO ROCK WITHIN 10 FT OF BORING

2

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
1	52+48.87	65.97 RT	9 'F'+11.49	-60.00 LT	522039.458	726373.031	45
2	53+72.76	81.02 RT	9 'F'+44.32	75.00 RT	522072.127	726508.066	60



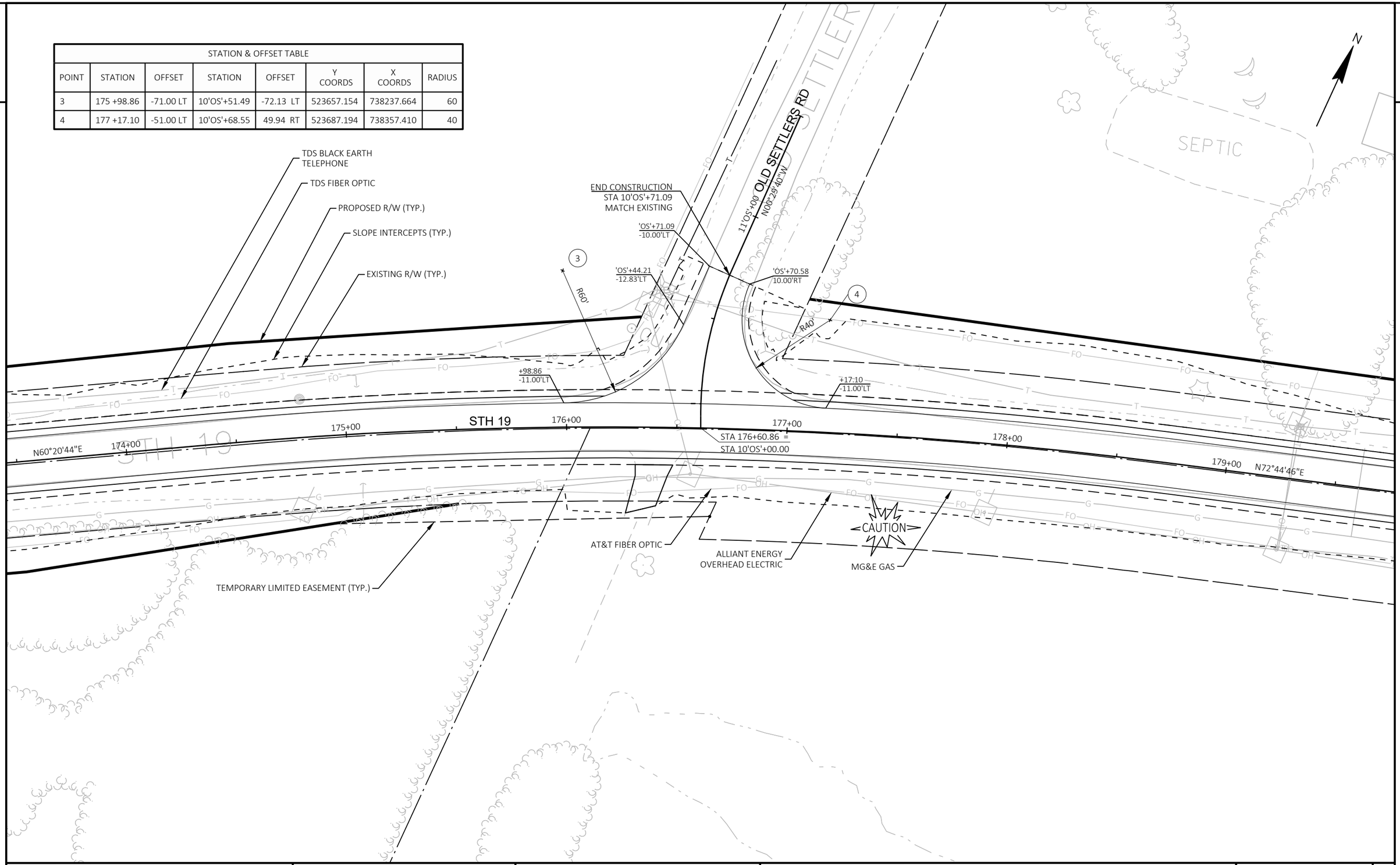
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - CTH F	SHEET 24	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021101 - (1)

PLOT DATE : 7/26/2023 9:34 AM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
3	175 +98.86	-71.00 LT	10'OS'+51.49	-72.13 LT	523657.154	738237.664	60
4	177 +17.10	-51.00 LT	10'OS'+68.55	49.94 RT	523687.194	738357.410	40



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - OLD SETTLERS RD	SHEET 25	E

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
5	231 +34.15	82.08 RT	8'KS'+71.84	-74.97 LT	524922.359	743586.920	60
6	232 +88.73	62.04 RT	9'KS'+57.87	55.01 RT	525008.127	743717.073	40

2

N

W
WALLS
W
W
FEEDER
FLAG
WAL

TEMPORARY LIMITED EASEMENT (TYP.)
SLOPE INTERCEPTS (TYP.)
EXISTING R/W (TYP.)
TDS BLACK EARTH TELEPHONE

230+00
N64°00'08"E
231+00
STH 19
232+00
STA 232+57.88 =
STA 10'KS'+00.00
233+00
234+00
235+00

+34.13
22.00'RT
+24.13
22.00'RT
+88.73
22.00'RT
+77.24
12.63'RT
+67.35
14.00'RT
+88.72
11.00'RT

R60'
5
R40'
6

PROPOSED R/W (TYP.)
CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)
'KS'+71.86
-15.00'LT
'KS'+02.59
-11.00'LT
SOUTH CTH KP
'KS'+00
8'KS'+00
N00°06'58"E
'KS'+47.85
15.00'RT
'KS'+57.85
15.00'RT
'KS'+08.31
11.00'RT
CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)
'KS'+71.90
11.00'RT
END CONSTRUCTION
STA 8'KS'+02.59
MATCH EXISTING
'KS'+02.59
10.75'RT

ALLIANT ENERGY
OVERHEAD ELECTRIC
CAUTION
MG&E GAS
AT&T FIBER OPTIC

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - CTH KP SOUTH	SHEET 26	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021101 - (3)
PLOT DATE : 7/26/2023 9:34 AM
PLOT BY : LOGAN CHART
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
7	272 +42.98	-56.00 LT	10'KN'+56.51	-55.00 LT	525422.407	747559.597	40
8	273 +73.85	-76.00 LT	10'KN'+76.21	75.00 RT	525442.883	747689.477	60

END CONSTRUCTION
STA 12'KN'+85.00
MATCH EXISTING

'KN'+85.00
-11.00'LT

'KN'+85.00
11.00'RT

13'KN'+00

N00°20'31"W

12'KN'+00

NORTH CTH KP

11'KN'+00

'KN'+16.21
-11.00'LT

'KN'+16.21
11.00'RT

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

'KN'+76.21
15.00'RT

8

R60'

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

PROPOSED R/W (TYP.)

MG&E GAS
CAUTION

TDS BLACK EARTH
TELEPHONE

TEMPORARY LIMITED EASEMENT (TYP.)

EXISTING R/W (TYP.)

SLOPE INTERCEPTS (TYP.)

'KN'+56.51
-15.00'LT

7

R40'

+42.98
-16.00'LT

+32.98
-15.00'LT

+73.85
-16.00'LT

+88.85
-15.00'LT

STA 272+98.61 =
STA 10'KN'+00.01

RUINS

RUINS

270+00

271+00

S89°41'44"E

272+00

273+00

274+00

275+00

276+0

STH 19

STH 19

FLAG

AT&T FIBER OPTIC

ALLIANT ENERGY
OVERHEAD ELECTRIC

TDS CROSS PLAINS
TELEPHONE

N

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - CTH KP NORTH	SHEET 27	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021101 - (4)

PLOT DATE : 7/31/2023 12:19 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:40 FT

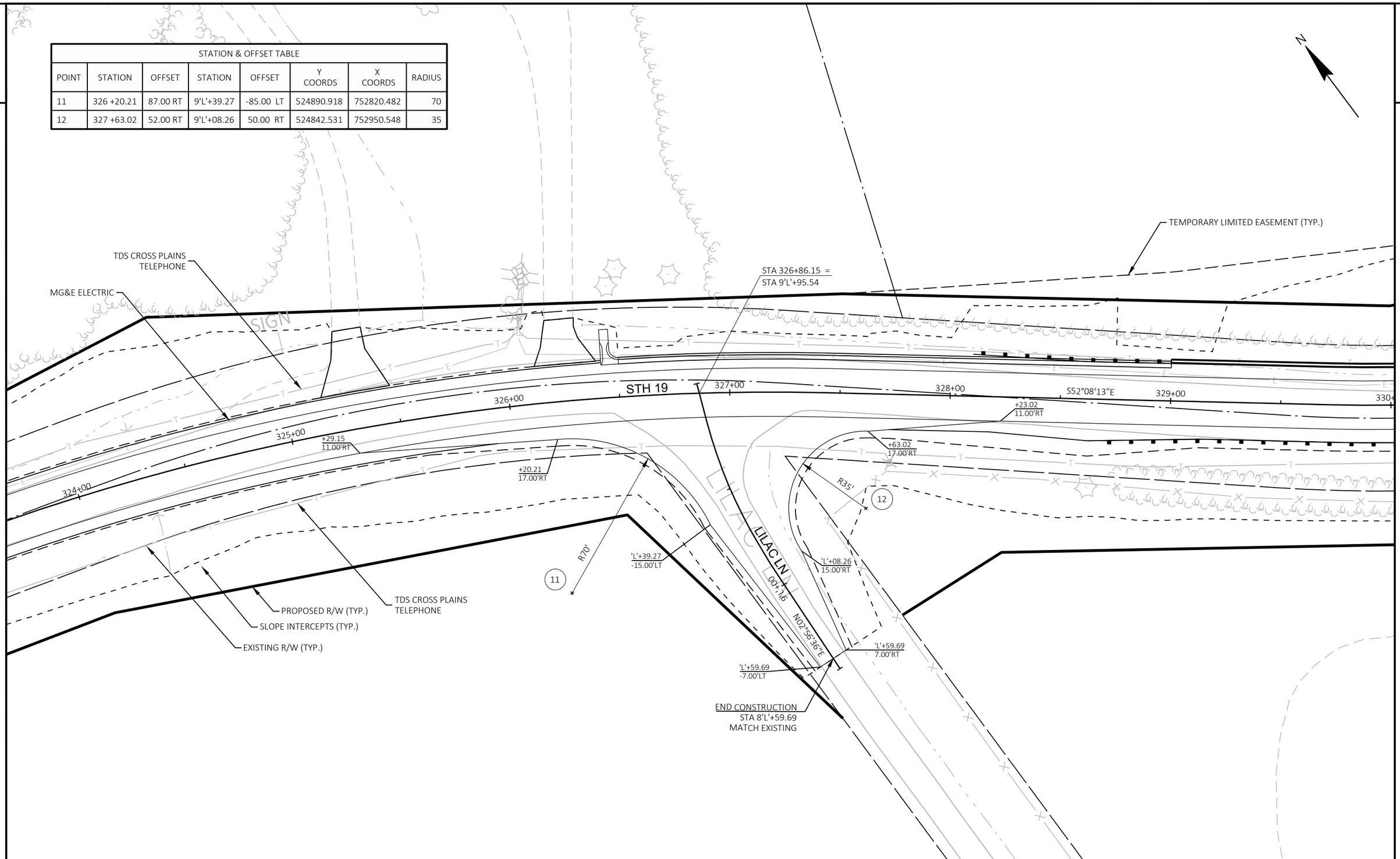
WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
9	311 +93.16	83.00 RT	9'K'+23.31	-75.00 LT	525311.222	751500.939	60
10	313 +31.22	63.00 RT	9'K'+23.64	55.00 RT	525309.954	751630.933	40

PROPOSED R/W (TYP.)
SLOPE INTERCEPTS (TYP.)
EXISTING R/W (TYP.)
ALLIANT ENERGY
OVERHEAD ELECTRIC
MG&E GAS
CAUTION
TEMPORARY LIMITED EASEMENT (TYP.)
SIGN
STH 19
308+00
309+00
310+00
311+00
312+00
313+00
N89°05'54"E
+93.16
23.00'RT
+83.10
23.00'RT
STA 312+61.49 =
STA 9'K'+97.91
+31.22
23.00'RT
R40'
10
CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)
'K'+23.64
15.00'RT
'K'+13.64
15.00'RT
'K'+23.31
-15.00'LT
R60'
9
CTH K
8'K'+00
'K'+63.31
12.00'RT
'K'+63.31
-12.00'LT
N00°42'19"E
END CONSTRUCTION
STA 8'K'+63.01
MATCH EXISTING
AT&T FIBER OPTIC
TDS CROSS PLAINS
TELEPHONE

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - CTH K	SHEET 28	E

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
11	326 +20.21	87.00 RT	9'L'+39.27	-85.00 LT	524890.918	752820.482	70
12	327 +63.02	52.00 RT	9'L'+08.26	50.00 RT	524842.531	752950.548	35



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - LILAC LN	SHEET 29	E

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
13	393 +18.51	-57.00 LT	6'M'+97.12	-51.48 LT	527080.885	758164.966	40
14	394 +27.31	-57.00 LT	7'M'+19.47	55.00 RT	527104.988	758271.063	40

2

N

'M'+28.38
-8.50'LT

'M'+28.68
-8.50'RT

END CONSTRUCTION
STA 8'M'+28.77
MATCH EXISTING

8'M'+00

MATZ RD

'M'+27.13
-10.87'LT

'M'+06.60
-11.50'LT

'M'+47.06
13.31'RT

'M'+17.11
15.00'RT

CONCRETE CURB AND GUTTER
4-INCH SLOPED 36-INCH TYPE D

MG&E
OVERHEAD ELECTRIC

CONCRETE CURB AND GUTTER
4-INCH SLOPED 36-INCH TYPE D

MG&E ELECTRIC

13

14

R40'

R40'

7'M'+00

N00°56'49"W

+42.98
-11.00'LT

+11.61
-11.00'LT

+25.43
-11.00'LT

+24.50
-11.00'LT

391+00

392+00

N77°12'02"E

393+00

STH 19

394+00

395+00

396+00

STA 393+59.15 =
STA 6'M'+49.68

SIGN

PROPOSED R/W (TYP.)

SLOPE INTERCEPTS (TYP.)

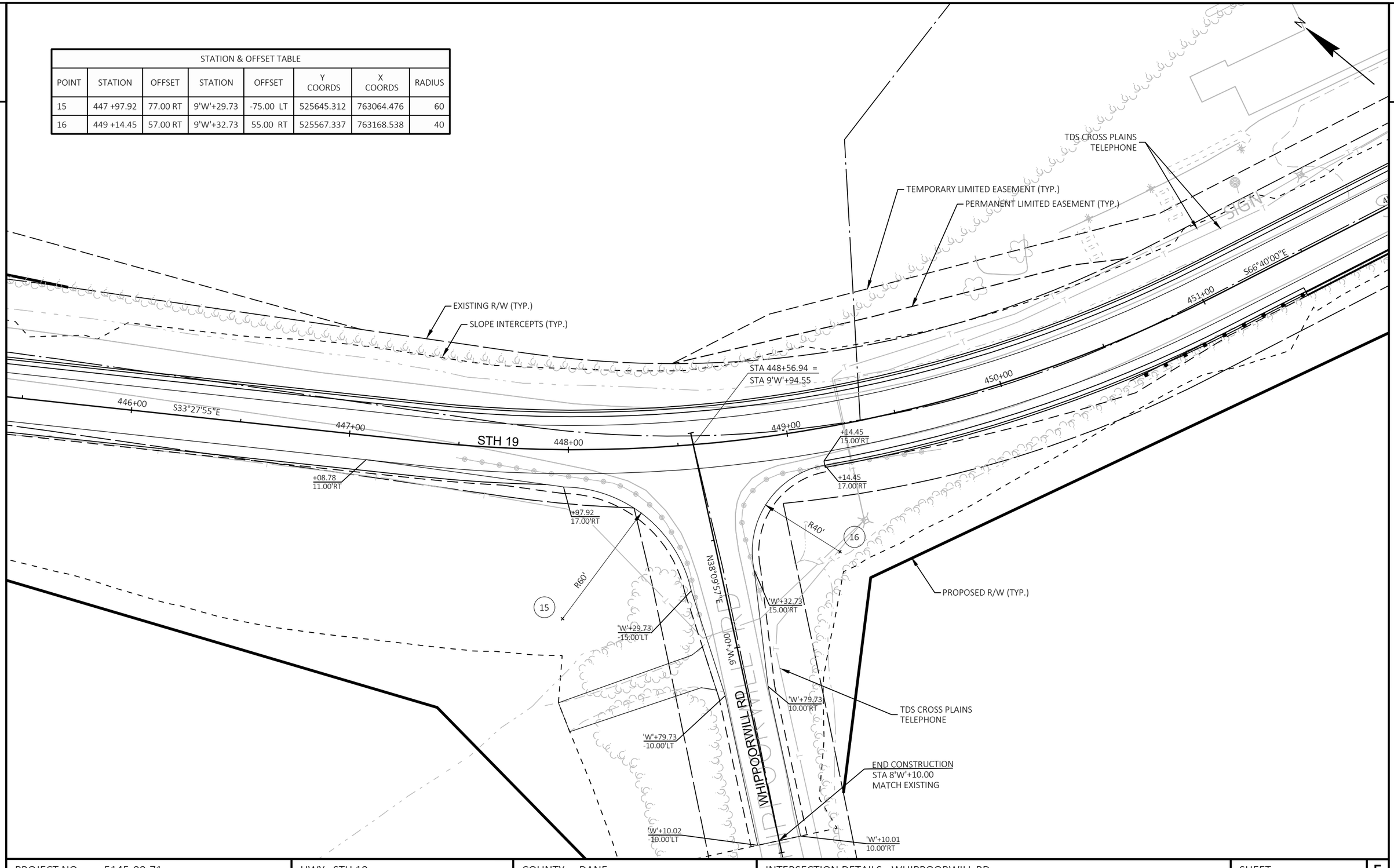
EXISTING R/W (TYP.)

TDS CROSS PLAINS
TELEPHONE

TEMPORARY LIMITED EASEMENT (TYP.)

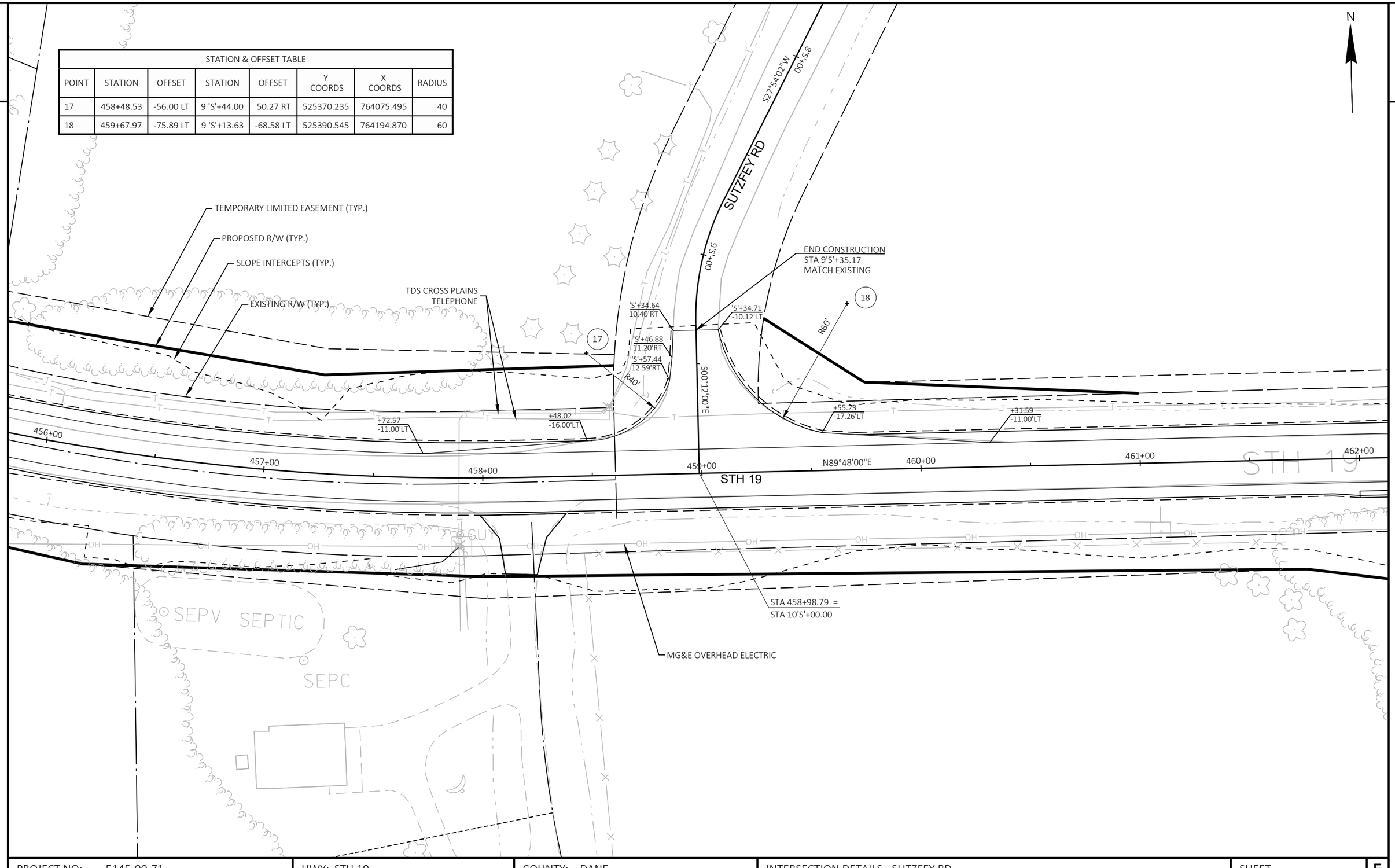
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - MATZ RD	SHEET 30	E

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
15	447 +97.92	77.00 RT	9'W'+29.73	-75.00 LT	525645.312	763064.476	60
16	449 +14.45	57.00 RT	9'W'+32.73	55.00 RT	525567.337	763168.538	40



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - WHIPPOORWILL RD	SHEET 31	E

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
17	458+48.53	-56.00 LT	9 'S'+44.00	50.27 RT	525370.235	764075.495	40
18	459+67.97	-75.89 LT	9 'S'+13.63	-68.58 LT	525390.545	764194.870	60



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	INTERSECTION DETAILS - SUTZFEY RD	SHEET 32	E

2

N

STH 78

PROPOSED TLE (TYP.)

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)

ASPHALTIC FLUME

+50
-15.00' LT

+95
-14.00' LT

+07.50
-14.00' LT

+45
-15.00' LT

808.35

808.33 808.24 808.23 808.21 808.16 808.10 808.03 807.97 807.91

SIGN

1+00 2+00 3+00 STH 19 4+00 5+00 6+00 7+00

PROPOSED R/W (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

STH 19/78

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 33	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021201

PLOT DATE : 7/31/2023 1:23 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

48+00

49+00

50+00

51+00

52+00

53+00

54+00

55+00

STH 19

T SIGN

SIGN

GUY

+26.45
11.00' RT

+38.95
14.00' RT

+51.48
21.00' RT

+49.04
21.00' RT

PROPOSED R/W (TYP.)

831.08

830.03

828.91

832.91

831.56

830.26

+72.78
21.00' RT

+49.95
15.00' RT

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

+12.28
-15.00' LT

+00.9

ASPHALTIC FLUME

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

ASPHALTIC FLUME

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

CTH E

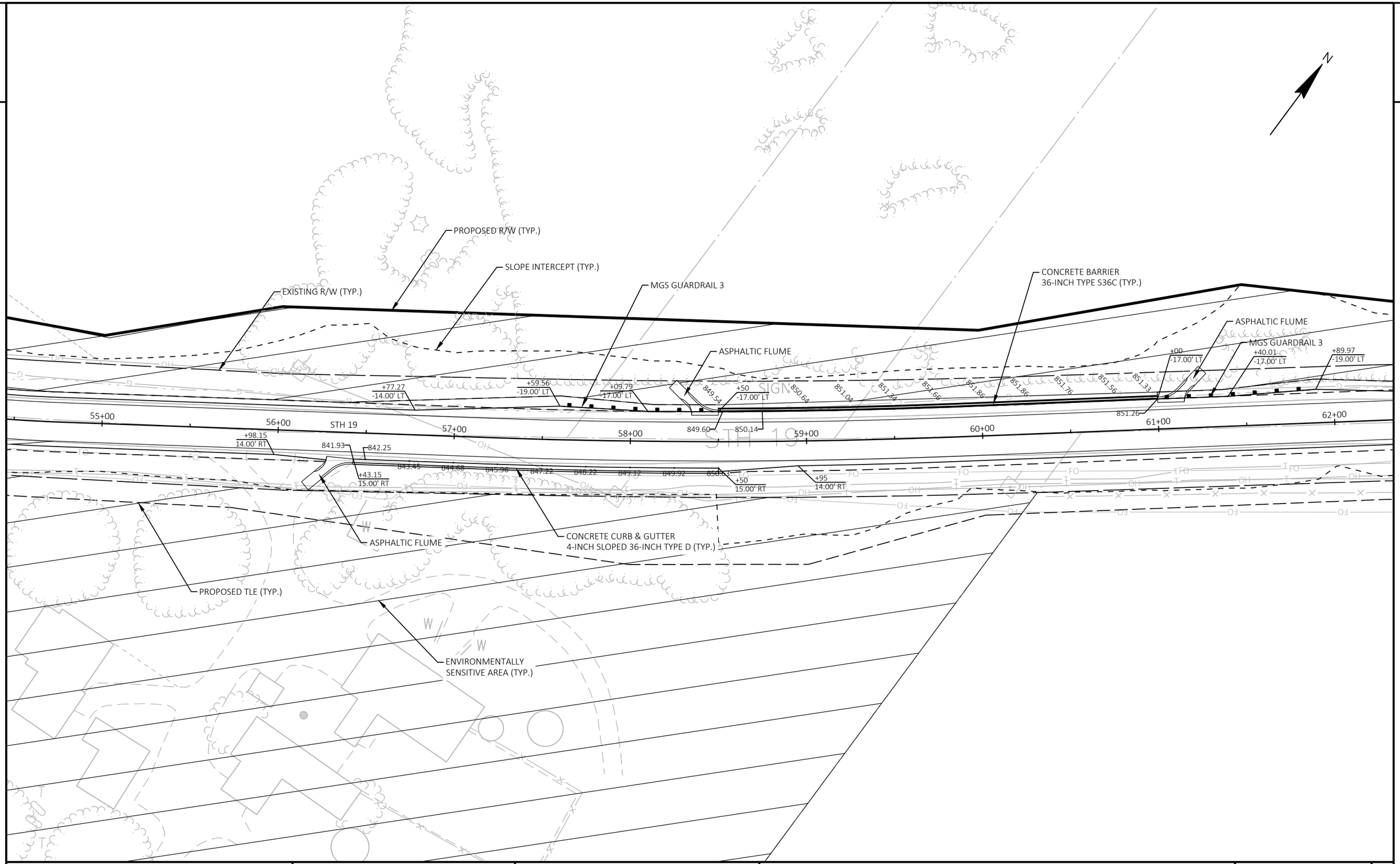
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 34	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021208

PLOT DATE : 7/31/2023 1:23 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 35	E

2

2

N

EXISTING R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

SLOPE INTERCEPT (TYP.)

+30
-15.00' LT

+10
-15.00' LT

ASPHALTIC FLUME

834.59 834.58 834.53 834.48 834.45

73+00 74+00 75+00 76+00 77+00 78+00 79+00

STH 19

834.59 834.58 834.53 834.48 834.45

+30
15.00' RT

+10
15.00' RT

ASPHALTIC FLUME

PROPOSED R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 36	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021211

PLOT DATE : 7/31/2023 1:23 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

MGS GUARDRAIL 3

PROPOSED TLE (TYP.)

EXISTING R/W (TYP.)

+15.55
-14.00' LT

+05.55
-20.00' LT

+58.63
-17.88' LT

+66.12
-16.17' LT

+19.17
-16.21' LT

+40.47
-18.05' LT

+93.72
-20.00' LT

+84.31
-14.00' LT

192+00

193+00

STH 19

194+00

195+00

196+00

197+00

198+00

199+00

868.10

867.87

867.78

868.22

868.22

868.26

868.23

+68.44
14.00' RT

+58.44
20.00' RT

+11.53
18.00' RT

+56.46
16.17' RT

+93.36
16.04' RT

+09.48
16.69' RT

+46.45
20.00' RT

+36.07
14.00' RT

SLOPE INTERCEPT (TYP.)

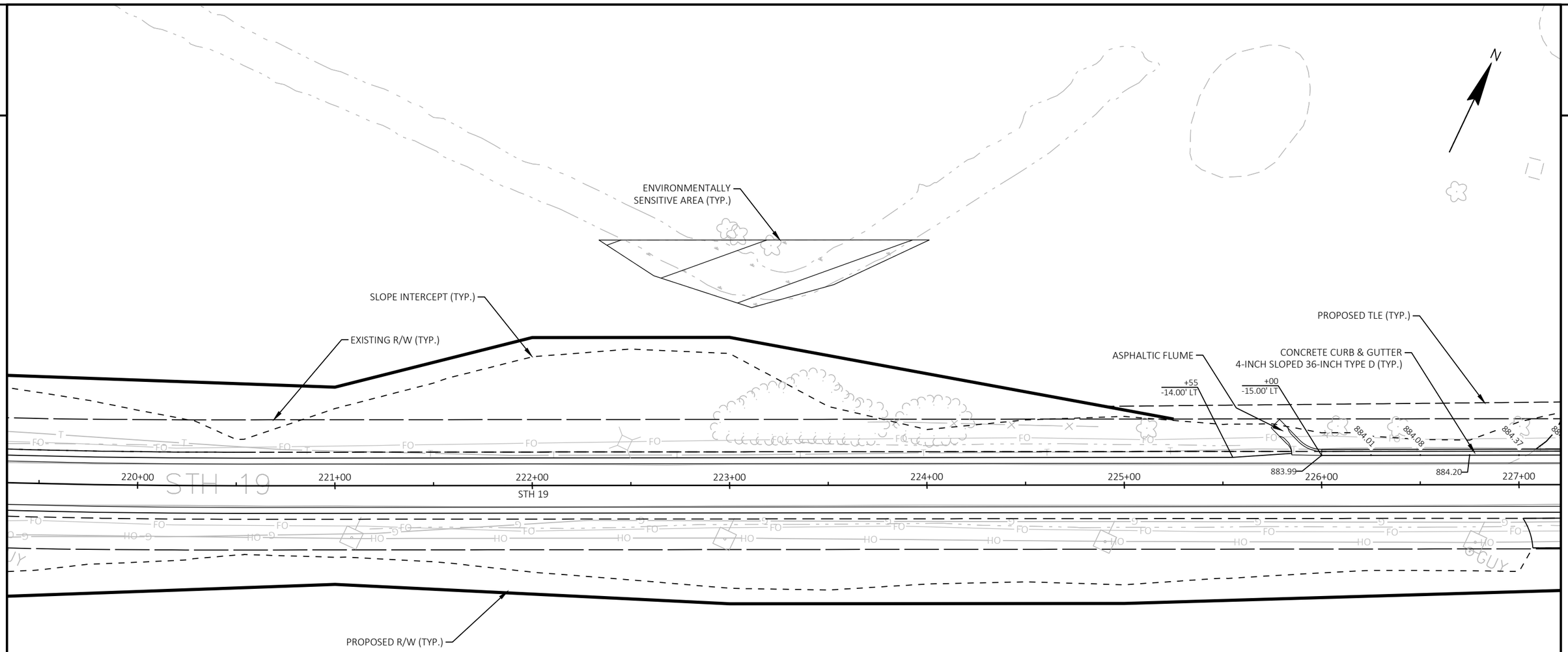
MGS GUARDRAIL 3

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 37	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021231

PLOT DATE : 7/31/2023 1:23 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 38	E

2

EXISTING R/W (TYP.)

+08.56
-18.00' LT

+35.72
-18.00' LT

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

PROPOSED TLE (TYP.)

+18.58
-15.00' LT

+48.46
-14.00' LT

884.08 884.37 884.59 884.84 885.06 885.24 885.38 885.47 885.52 885.53 885.49 885.41 885.29 885.12 884.91 884.67 884.43 884.19 883.95 883.75 883.61 883.54 883.52

884.20

227+00 228+00 229+00 230+00 231+00 232+00 233+00 234+00

STH 19

+94.57
11.00' RT

+07.11
14.00' RT

+34.40
22.00' RT

883.72

+34.18
22.00' RT

ASPHALTIC FLUME

884.11

+71.86
-15.00' LT

PROPOSED R/W (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

884.50

+57.85
15.00' RT

+47.84
15.00' RT

883.39 883.71 884.03 883.95 884.35 884.63

883.59

883.68

+67.34
14.00' RT

+88.63
22.00' RT

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

ASPHALTIC FLUME

883.94

884.14

884.24

+08.31
11.00' RT

884.54

+71.89
11.00' RT

884.58

CTH KP

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 39	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021234

PLOT DATE : 7/31/2023 1:23 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

PROPOSED TLE (TYP.)

PROPOSED R/W (TYP.)

EXISTING R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

ASPHALTIC FLUME

SLOPE INTERCEPT (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

+22.46
-14.00' LT

+58.23
-15.00' LT

+37.88
-14.00' LT

+00
-15.00' LT

888.38 888.55 888.66 888.79 888.87 888.92 888.71 888.23 887.51 886.79 885.93 885.07 884.07 883.13 882.64 882.27 881.96 881.69 881.42

+00 238+00 239+00 240+00 241+00 242+00 243+00 244+00

STH 19

FLAG

TOWER

T

WALLS

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVING GRADES	SHEET 40	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021235

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

ANT

T

SEPC POST

SEPC

SEPC

T

ASPHALTIC FLUME

+48.89
-17.00' LT

+78.99
-17.00' LT

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

896.28
+25
-15.00' LT

898.49 899.39 900.00 900.64 901.48 902.10 902.56 902.94 903.21 903.54 903.69 903.86 904.14 904.39 904.55

+25
-15.00' LT

253+00 254+00 255+00 256+00 STH 19 257+00 258+00 259+00

STH 19

902.41 902.44 902.62 902.74 902.98 903.21 903.54 903.69 903.86 904.14 904.39 904.55 904.48 903.97 903.46 902.50 901.53

+55.13
15.02' RT

+50
15.00' RT

ASPHALTIC FLUME

+90.24
17.00' RT

+11.22
17.00' RT

SLOPE INTERCEPT (TYP.)

ASPHALTIC FLUME

PROPOSED TLE (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

GUY

GUY

WM

RUINS

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 41	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021238

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

PROPOSED TLE (TYP.)

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

MGS GUARDRAIL 3

DRIVEWAY CURB
STA 265+43.59 LT TO STA 266+56 LT

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)

CEMETERY

STH 19

SLOPE INTERCEPT (TYP.)

MGS GUARDRAIL 3

FOOTBRIDGE

SIGN

GUY

+51.14 -14.00' LT
+40.82 -20.00' LT
+93.91 -16.06' LT
+26.09 -18.00' LT
+28.64 -16.00' LT
+02.99 -18.00' LT
+06.16 -16.00' LT
+56.08 -20.00' LT
+56.05 -18.00' LT
+01.01 -15.00' LT
+27.29 -17.00' LT
+76.51 -17.00' LT

893.84 893.78 893.71 894.07 894.20 894.31 893.84 893.95 894.41 894.44 894.56 894.72 894.84 894.97 895.09 895.22 895.35 895.47 895.59 895.72 895.84

261+00 262+00 263+00 264+00 265+00 266+00 267+00 268+00

+77.71 -16.66' LT
+30.81 -16.17' LT

STH 19 +78.03 16.03' RT
+30.88 16.17' RT
893.73 893.85 893.71

+13.36 14.00' RT
+03.36 20.00' RT
+56.45 18.00' RT
+33.35 18.00' RT
+26.13 18.00' RT
+65.54 17.87' RT
+18.62 20.00' RT
894.21
+08.62 14.00' RT

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 42	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021239

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

EXISTING R/W (TYP.)

ASPHALTIC FLUME

ASPHALTIC FLUME

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D

PROPOSED R/W (TYP.)

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D

SLOPE INTERCEPT (TYP.)

PROPOSED TLE (TYP.)

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

CTH KP

STH 19

RUINS

RUINS

13+00

12+00

11+00

268+00

269+00

270+00

271+00

272+00

273+00

274+00

275+00

+69.81 -11.00' LT 906.25 906.59 906.88 906.99 906.92 906.66 +49.33 -14.00' LT 906.22 +22.67 -14.00' LT +16.21 -11.00' LT 906.01 905.56 904.97 +56.51 -15.00' LT 904.31 903.21

+69.96 11.00' RT 906.25 906.59 +31.35 14.00' RT 906.88 +07.97 14.00' RT 906.99 906.92 906.66 +16.21 11.00' RT 906.22 906.01 905.54 905.03 +76.21 15.00' RT +73.85 -16.00' LT +88.85 -15.00' LT 903.43 902.24 902.24 903.18 902.10 902.09 902.14 902.25 902.42 +17.40 -18.00' LT +41.97 -18.00' LT

7.29 7.00' LT +76.51 -17.00' LT 895.59 895.72 895.84 895.97 896.13 896.28 896.53 896.85 897.23 897.68 898.19 898.77 900.00 900.59 901.06 901.54 901.91 902.20 902.44 902.50 902.56 902.65 +32.98 -15.00' LT

898.88 899.40 899.99 900.46 900.94 901.31 901.60 901.82 901.97 902.02 902.05 901.95 901.85 901.71 901.58 901.50 901.49 901.54 901.65 901.82

+54.43 15.00' RT +64.94 18.00' RT +84.68 18.00' RT +79.60 18.00' RT +01.74 18.00' RT +70.36 18.00' RT +85.36 18.00' RT +93.14 18.00' RT +38.16 18.00' RT +12.68 18.00' RT

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 43	E

2

2

N

SLOPE INTERCEPT (TYP.)

EXISTING R/W (TYP.)

LT

902.09 902.14 902.25 902.42 902.66 902.95 903.32 903.75 903.93

+34.51
-15.00' LT

+41.97
-18.00' LT

275+00 276+00 277+00 STH 19 278+00 279+00 280+00 281+00 282+00

901.82

1.50 901.49 901.54 901.65 902.06 902.36 902.72 903.15 903.64 904.19 904.81 905.49 906.22 906.94 907.60 908.21 908.77 909.27 909.71 910.10 910.30

+38.16
18.00' RT

+93.14
18.00' RT

+12.68
18.00' RT

+34.65
18.00' RT

+02.60
18.00' RT

+37.60
18.00' RT

+39.10
17.00' RT

PROPOSED R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)

PROPOSED TLE (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

FLAG GUY TANKS SEPV TANKS FLAG

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 44	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021241

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

PROPOSED TLE (TYP.)

ASPHALTIC FLUME

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)

STH 19

309+00

310+00

311+00

312+00

313+00

314+00

315+00

316+00

+93.16
23.00' RT

938.21

939.23

+31.22
23.00' RT

941.84

940.64

+99.97
-15.00' LT

946.74

946.93

947.08

947.20

947.29

947.34

947.36

+31.19
11.00' RT

ASPHALTIC FLUME

939.59

+89.39
70.83' RT

939.59

+57.60
76.00' RT

9+00

CTH K

8+00

ASPHALTIC FLUME

+93.16
23.00' RT

PROPOSED R/W (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 45	E

2

2

N

PROPOSED TLE (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D (TYP.)

+49.97
-15.00' LT

APHALTIC FLUME

947.20 947.29 947.34 947.36 947.35 947.41 947.44 947.43 947.39 947.32 947.21 947.06 946.88 946.67 946.42 946.13 945.81 945.46 945.07 944.64

316+00 317+00 318+00 319+00 320+00 321+00 322+00 323+00

STH 19

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

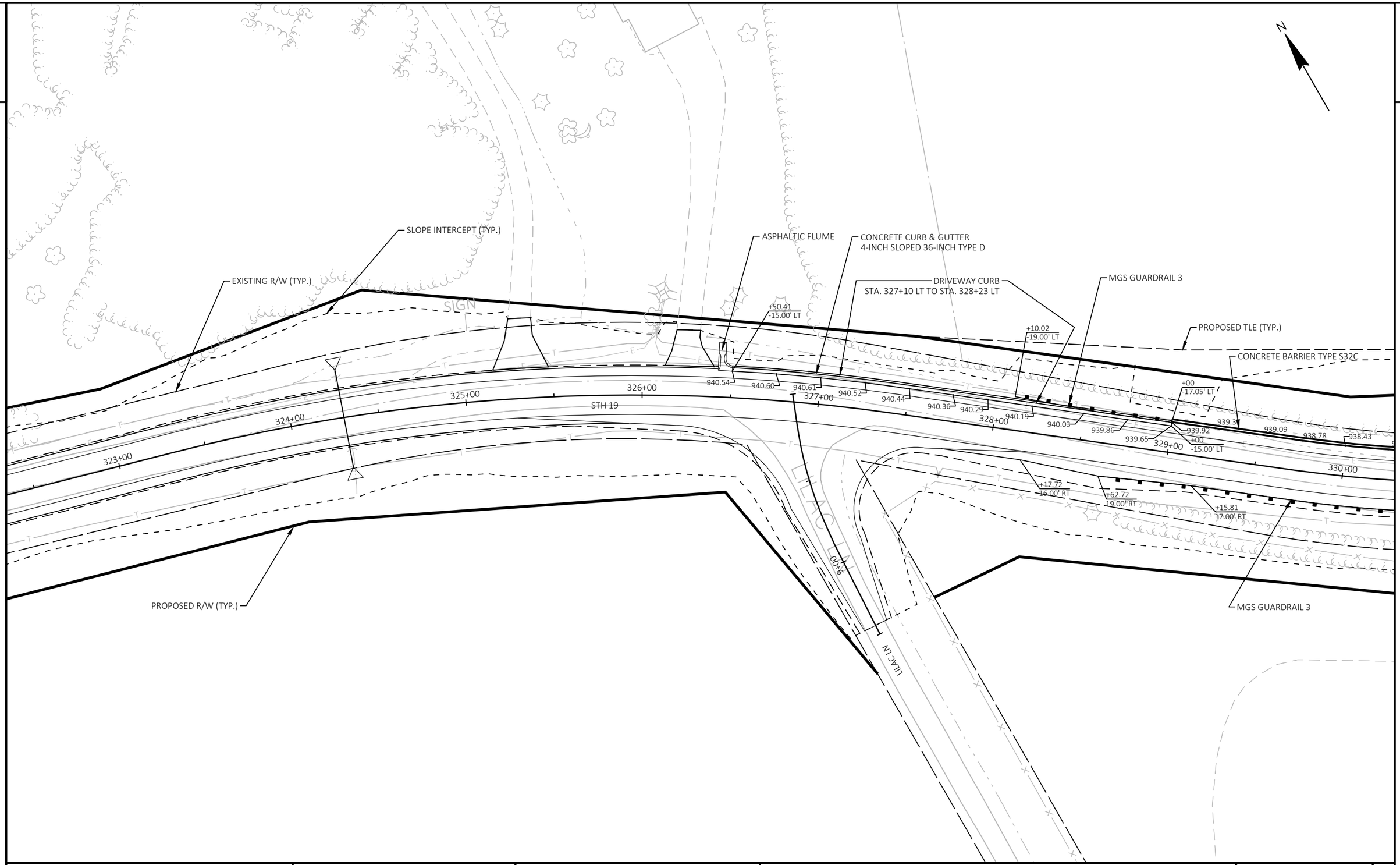
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 46	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021247

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 47	E

2

2

N

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

MGS GUARDRAIL 3

PROPOSED TLE (TYP.)

CONCRETE BARRIER TYPE S32C

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

+00
-17.05' LT

939.37

+00
-15.00' LT

939.09

938.78

938.43

938.05

937.76

937.44

937.09

936.70

936.27

935.81

935.32

934.83

934.37

933.93

933.51

933.11

932.73

932.38

932.04

931.73

931.44

931.17

930.92

930.70

930.49

930.31

930.15

930.01

929.89

929.80

+00
-17.00' LT

929.72

+00
-15.00' LT

929.76

929.72

+15.81
17.00' RT

330+00

331+00

332+00

333+00

334+00

335+00

336+00

337+00

STH 19

STH 19

RIPRAP

MGS GUARDRAIL 3

PROPOSED R/W (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 48	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021249

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

CONCRETE BARRIER TYPE S36C

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

MGS GUARDRAIL 3

EXISTING R/W (TYP.)

DRIVEWAY CURB
STA. 337+78 LT TO STA. 338+50 LT

PROPOSED TLE (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

DRIVEWAY CURB
STA. 342+26 LT TO STA. 343+39 LT

+00 / -17.00' LT
+00 / -15.00' LT
+91.79 / -19.00' LT
+50 / -15.00' LT
+06.80 / -17.00' LT
+42.46 / -15.00' LT
+26.21 / -19.00' LT

929.80
929.72
930.01
929.89
929.76
929.72
929.81
929.91
930.04
930.19
930.36
931.84
931.81
931.71
931.58
931.31
931.01
930.70
930.39
930.09
929.78
929.47
929.17

337+00
338+00
339+00
340+00
341+00
342+00
343+00

STH 19

+99.45 / 17.00' RT
+49.46 / 19.00' RT
+94.49 / 16.00' RT
+15.52 / 16.00' RT
+60.52 / 19.00' RT

MGS GUARDRAIL 3

PROPOSED R/W (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 49	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021250

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

MGS GUARDRAIL 3

PROPOSED R/W (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE BARRIER TYPE S32C

PROPOSED TLE (TYP.)

+26.21
-19.00' LT

930.39

930.09

929.78

929.47

929.17

+16.19
-17.00' LT

+16.19
-15.00' LT

928.89

928.82

928.51

928.21

928.97

927.90

927.62

927.46

927.29

927.13

926.96

926.81

926.71

926.65

926.64

926.68

926.76

926.89

927.07

927.30

927.88

927.57

928.25

928.66

929.12

929.51

929.62

930.17

930.71

930.81

+50.02
-17.00' LT

+50
-15.00' LT

931.45

932.51

343+00

344+00

345+00

346+00

347+00

348+00

349+00

350+00

351+00

STH 19

+15.52
16.00' RT

+60.52
19.00' RT

+13.62
17.00' RT

RIPRAP

EXISTING R/W (TYP.)

MGS GUARDRAIL 3

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 50	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021251

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

PROPOSED TLE (TYP.)

CONCRETE BARRIER TYPE S36C

MGS GUARDRAIL 3

DRIVEWAY CURB
STA 351+30 LT TO STA 352+43 LT

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

929.51 929.62 930.17 +50.02 -17.00' LT 931.45 930.77 930.81 +50 -15.00' LT 932.15 932.88 933.67 +42.74 -19.06' LT 934.50 935.38 936.30 937.34 938.51 939.70 940.90 942.05 943.10 944.15 945.20 946.24 947.29 948.44 949.59 950.72 951.84 952.94 954.04 955.12 956.19 957.12 958.05 958.98 959.90

350+00 351+00 352+00 353+00 354+00 355+00 356+00 357+00

STH 19

+80.78 16.86' RT +33.86 19.00' RT +75.69 16.04' RT

EXISTING R/W (TYP.)

MGS GUARDRAIL 3

PROPOSED R/W (TYP.)

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

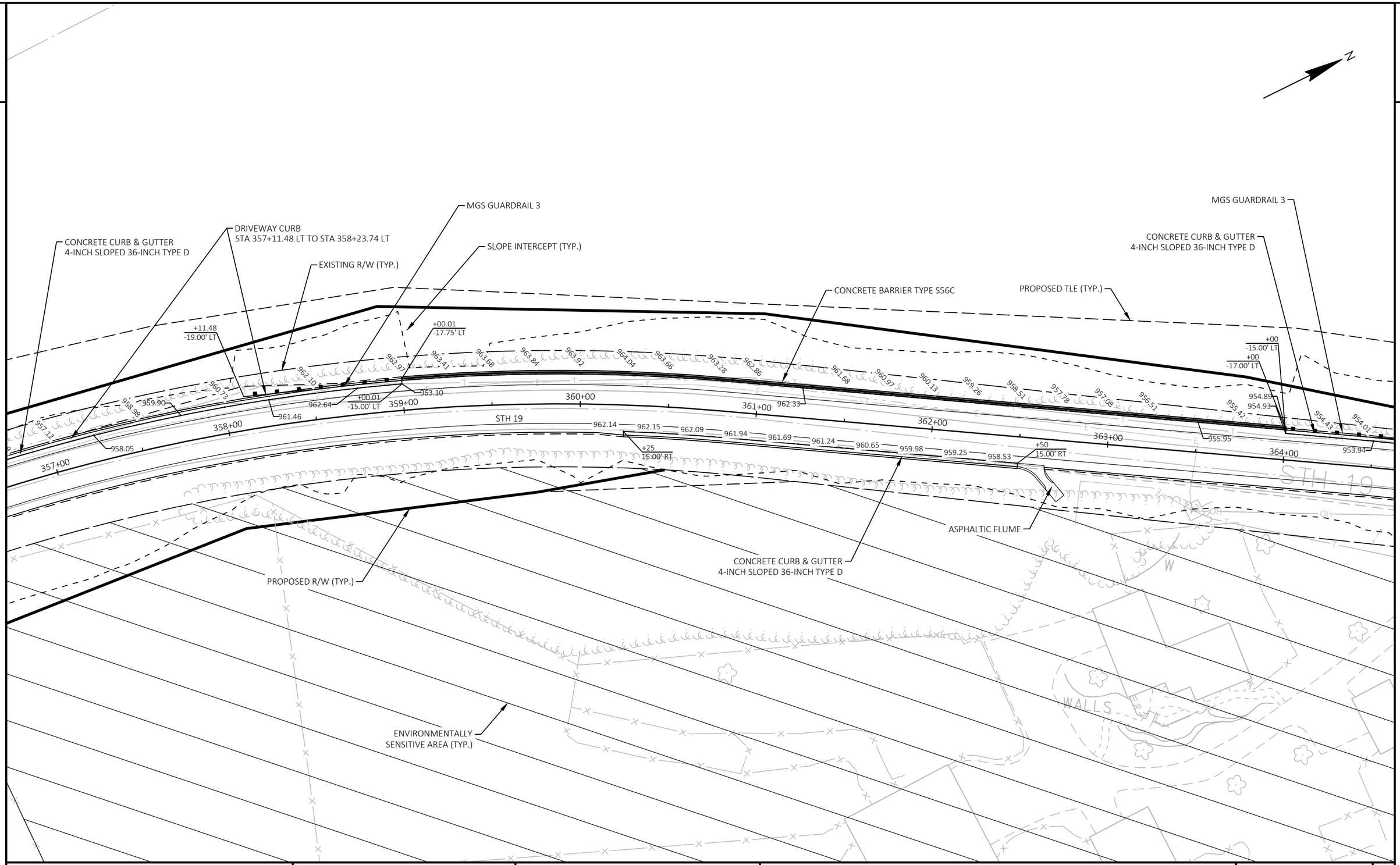
ENVIRONMENTALLY SENSITIVE AREA (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 51	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021252

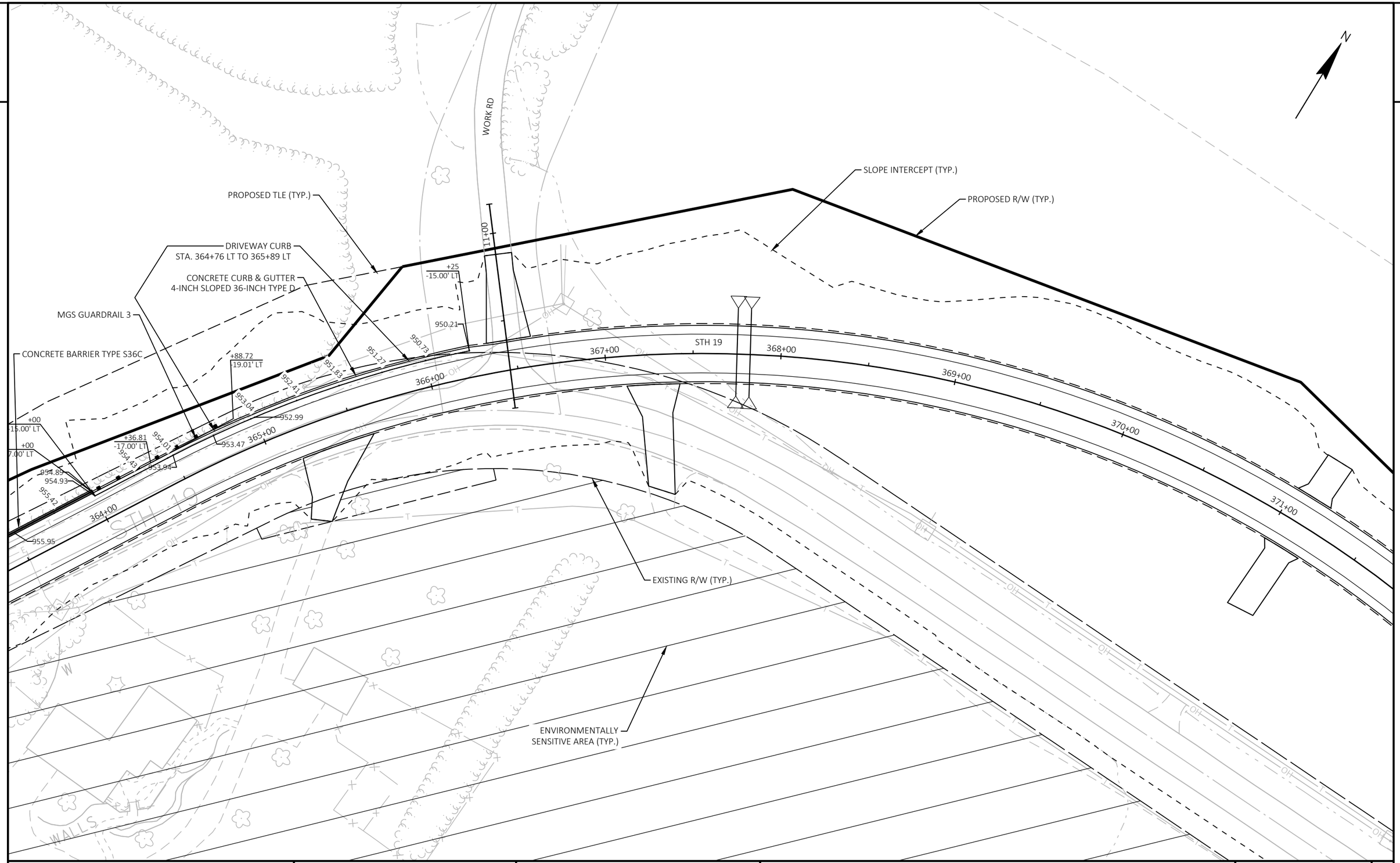
PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 52	E

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 53	E

2

N

PROPOSED R/W (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

+87.75
-62.90' LT

+59.44
-57.30' LT

ASPHALTIC FLUME

934.45

934.17

7+00

8+00

MATZ RD

934.59

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

ASPHALTIC FLUME

EXISTING R/W (TYP.)

933.06

933.35

934.05

934.23

+11.61
-17.00' LT

932.88

+25.41
-17.04' LT

392+00 393+00 394+00 395+00 396+00 397+00 398+00

STH 19

STH 19

A/C

SIGN

PROPOSED TLE (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 54	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021258

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

N

PROPOSED R/W (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

+49.54
15.00' LT

+65.76
18.07' LT

+99.10
18.06' LT

+47.11
15.00' LT

ASPHALTIC FLUME

959.33 959.96 960.54 961.06 961.53 961.95 962.32 962.63 962.90 963.11 963.28 963.39 963.44

405+00 406+00 407+00 408+00 409+00 410+00 411+00 412+00

957.53 958.16 958.74 959.26 959.73 960.15 960.52 960.83 961.10 961.31 961.48 961.59 961.64

STH 19

OH

+47.11
15.00' RT

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

+20.42
18.01' RT

+74.45
18.01' RT

+49.54
15.00' RT

ASPHALTIC FLUME

EXISTING R/W (TYP.)

WM

PROPOSED TLE (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 55	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021260

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

PROPOSED TLE (TYP.)

SLOPE INTERCEPT (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

ASPHALTIC FLUME

+50
-16.00' LT

953.56 952.53 951.64 950.82 950.16 949.65 949.22 948.86 948.59 948.40 948.30 948.31 948.27

+50
-16.00' LT

412+00 413+00 414+00 415+00 416+00 417+00 418+00 419+00

STH 19

PROPOSED R/W (TYP.)

EXISTING R/W (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 56	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021261

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

ASPHALTIC FLUME

PROPOSED TLE (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

+39.27
-19.00' LT

+64.78
-19.00' LT

+00
-16.00' LT

962.66 964.19 965.76 967.34 968.91 970.42 971.85 973.27 974.70 976.28 977.86 979.43 980.97 982.45 983.88 985.26 986.58 987.84

419+00 420+00 421+00 422+00 423+00 424+00 425+00 426+00

STH 19

PROPOSED R/W (TYP.)

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 57	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021262

PLOT DATE : 7/31/2023 1:24 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

SLOPE INTERCEPT (TYP.)

PROPOSED TLE (TYP.)

EXISTING R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

983.88 985.26 986.58 987.84 989.05 990.21 991.32 992.37 993.36 994.30 995.19 996.02 996.80 997.53 998.20 998.81 999.37 999.88 1000.34 1000.74 1001.23 1001.67 1002.05 1002.30 1002.43 1002.51 1002.53 1002.49 1002.41 1002.26 1002.07 1001.83

426+00 427+00 428+00 429+00 430+00 431+00 432+00 433+00

STH 19

PROPOSED R/W (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 58	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021263

PLOT DATE : 7/31/2023 1:25 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

N

SLOPE INTERCEPT (TYP.)

EXISTING R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

1002.41 1002.26 1002.07 1001.83 1001.58 1001.34 1001.09 1000.87 1000.72 1000.64 1000.63 1000.69 1000.82 1001.02 1001.29 1001.63 1002.04 1002.52 1003.07 1003.69 1004.46 1005.36 1006.34 1007.36 1008.38 1009.37 1010.31 1011.20 1011.99 1012.65 1013.25

433+00 434+00 435+00 436+00 437+00 438+00 439+00 440+00

STH 19

STH 19

PROPOSED TLE (TYP.)

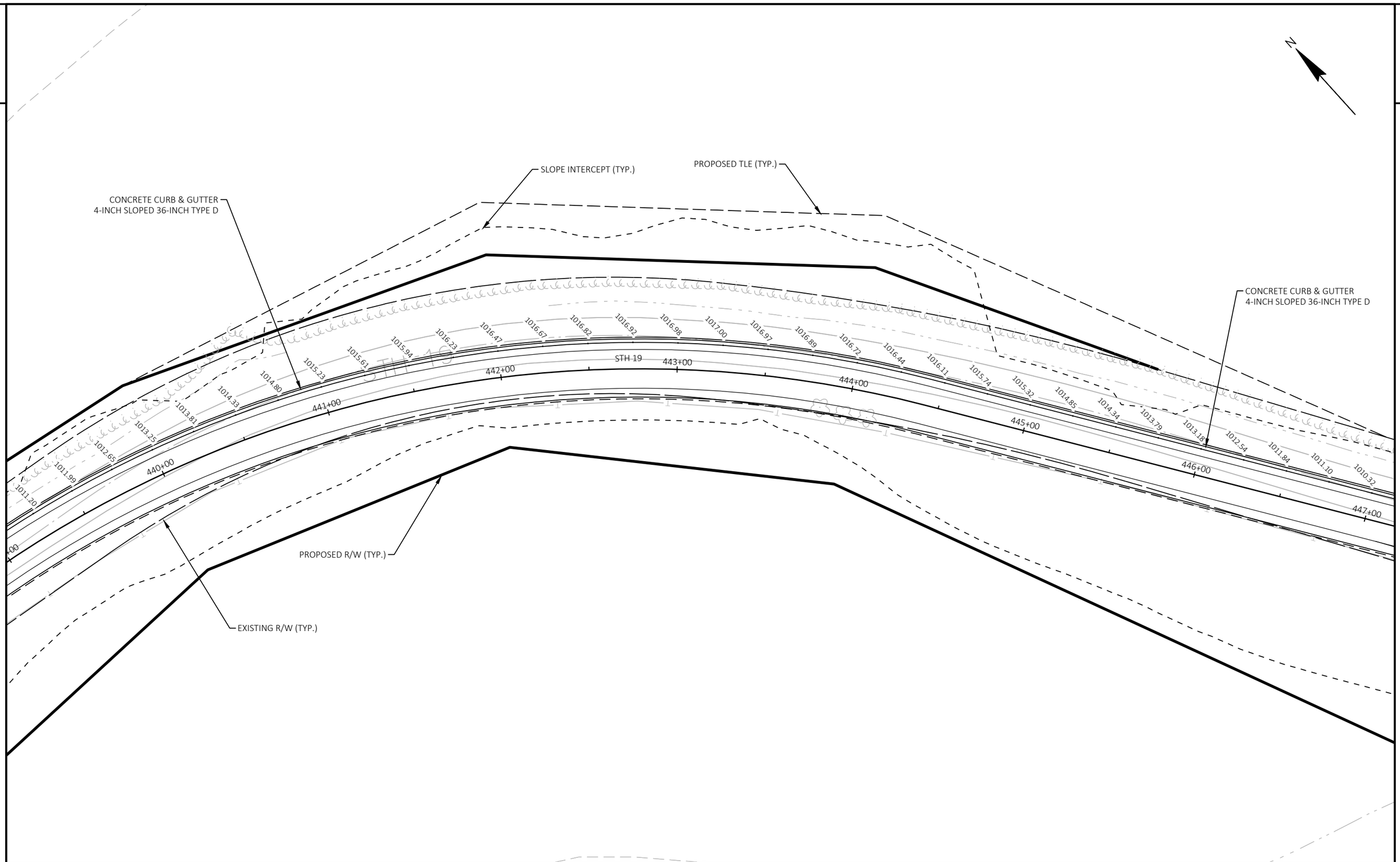
PROPOSED R/W (TYP.)

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 59	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021264

PLOT DATE : 7/31/2023 1:25 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 60	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021265

PLOT DATE : 7/31/2023 1:25 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

SLOPE INTERCEPT (TYP.)

PROPOSED TLE (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

CONCRETE BARRIER TYPE S36C

MGS GUARDRAIL 3

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

DRIVEWAY CURB
STA 449+55 RT TO STA 450+68 RT

ASPHALTIC FLUME

STH 19

WHIPPOORWILL RD

9+00

446+00 447+00 448+00 449+00 450+00 451+00 452+00 453+00 454+00

1013.18 1012.54 1011.84 1011.10 1010.32 1009.49 1008.64 1007.88 1007.28 1006.81 1006.44 1006.16 1005.97 1005.88 1005.88 1005.97 1006.15 1006.42 1006.77 1007.24 1007.73 1008.22 1008.72 1009.16 1009.51 1009.81 1010.04 1010.15 1010.21 1010.21 1010.16 1010.06 1009.90

1007.67 1007.68 1007.77 1007.95 1008.22 1008.57 1008.82 1009.05 1009.27 1009.43 1009.72 1010.07 1010.37 1010.63 1010.91 1011.12 1011.29 1011.40 1011.45

1008.65 1009.35

+29.15
18.00' RT

+54.89
19.01' RT

+06.67
18.00' RT

+43.39
17.00' RT

+43.36
15.00' RT

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 61	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021266

PLOT DATE : 7/31/2023 1:25 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

N

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

PROPOSED TLE (TYP.)

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

1010.21 1010.21 1010.16 1010.06 1009.90 1009.69 1009.48 1009.24 1008.94 1008.59 1008.26

453+00 454+00 455+00 456+00 457+00 458+00 459+00 460+00

1011.12 1011.29 1011.40 1011.45 1011.45 1011.44 1011.28 1011.04 1010.74 1010.39 1010.06

+47.03
-15.00' LT

+18.43
15.00' RT

1011.46

1011.38

+18.44
17.00' RT

+06.87
19.02' RT

+47
15.00' RT

STH 19

CONCRETE BARRIER TYPE S32C

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

MGS GUARDRAIL 3

DRIVEWAY CURB
STA 454+94.61 RT TO STA 455+47 RT

ASPHALTIC FLUME

PROPOSED R/W (TYP.)

SEPV SEPTIC

SEPC

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 62	E

2

2

N

ENVIRONMENTALLY
SENSITIVE AREA (TYP.)

EXISTING R/W (TYP.)

PROPOSED TLE (TYP.)

SLOPE INTERCEPT (TYP.)

STH 19

460+00 461+00 462+00 463+00 464+00 465+00 466+00 467+00

996.29 996.19 996.16 996.19 996.29 996.42 996.54 996.65 996.78 996.91 997.03 997.12 997.13 995.19 995.19 995.19

+00
15.00' RT

+00
15.00' RT

+00
15.00' RT

ASPHALTIC FLUME

PROPOSED R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

SEPC

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 63	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021268

PLOT DATE : 7/31/2023 1:25 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

N

ENVIRONMENTALLY SENSITIVE AREA (TYP.)

PROPOSED TLE (TYP.)

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

466+00 467+00 468+00 469+00 STH 19 470+00 471+00 472+00 473+00

995.19 995.19 995.19 995.21

+00 15.00' RT

+75 15.00' RT

PROPOSED R/W (TYP.)

CONCRETE CURB & GUTTER
4-INCH SLOPED 36-INCH TYPE D

ASPHALTIC FLUME

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 64	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\021201-PD (2).DWG
LAYOUT NAME - 021269

PLOT DATE : 7/31/2023 1:25 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

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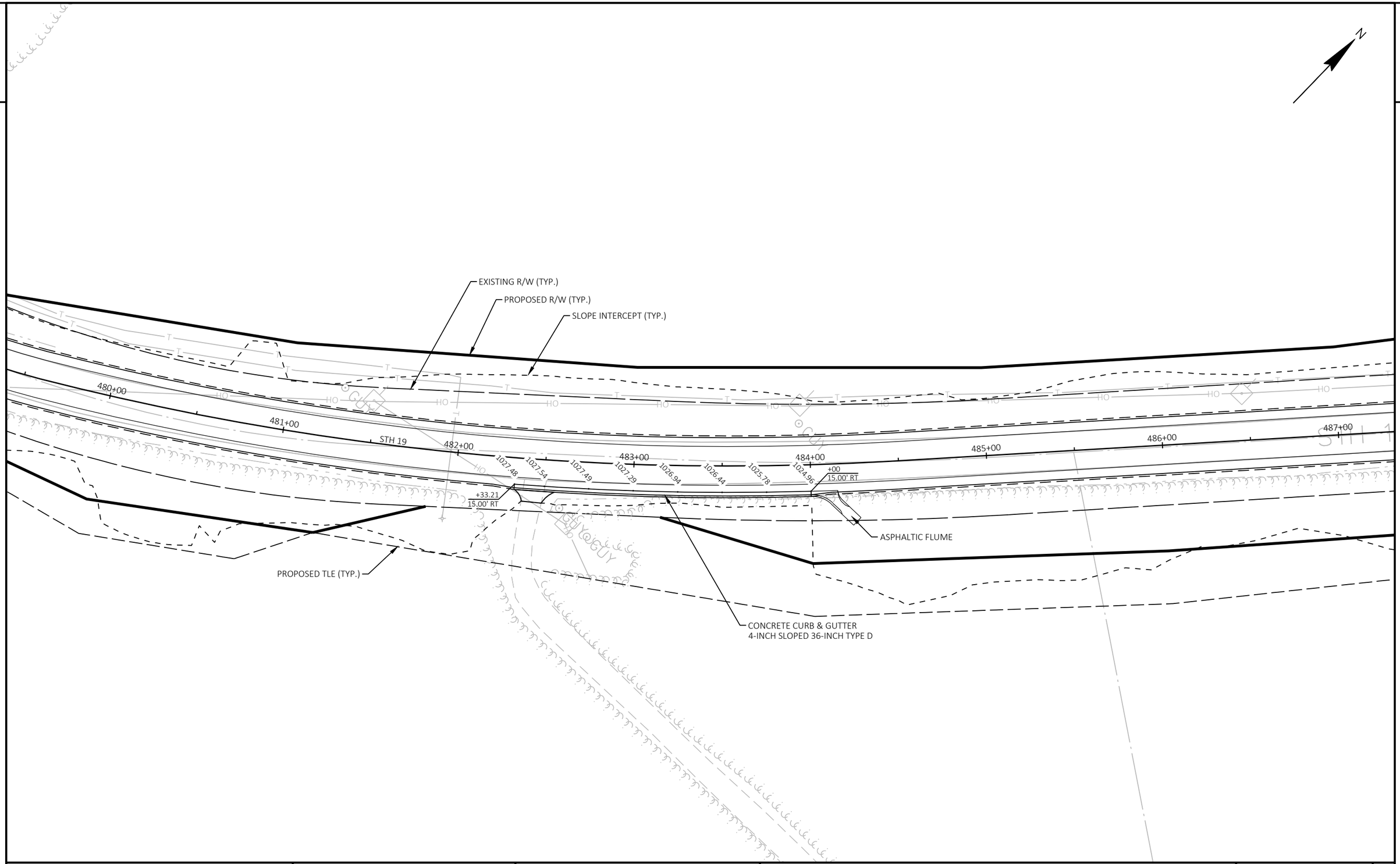
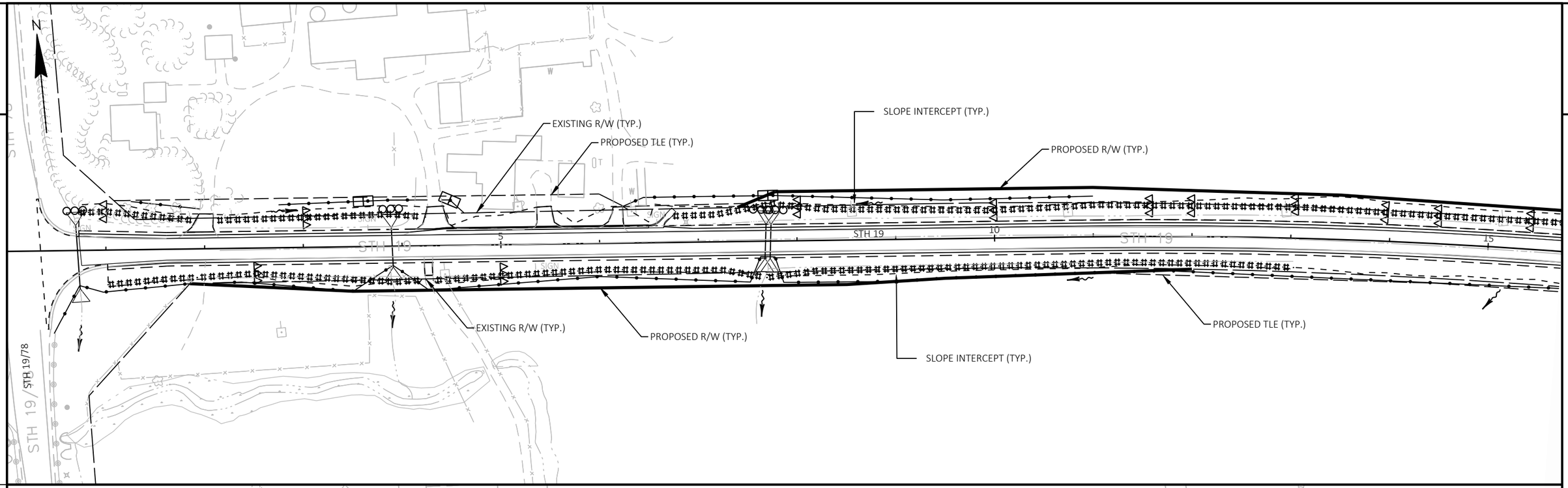


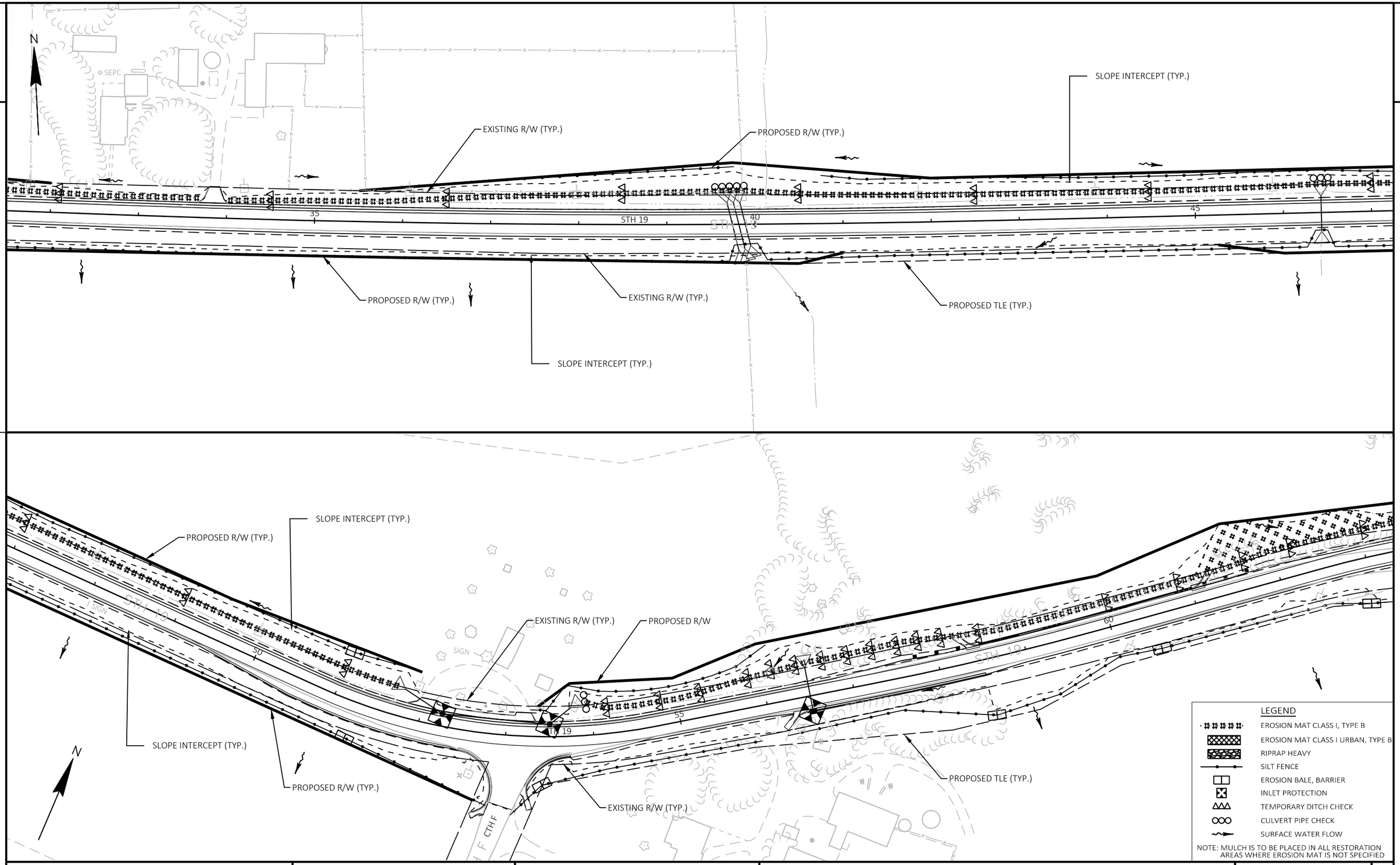
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN DETAILS	SHEET 65	E

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 66	E

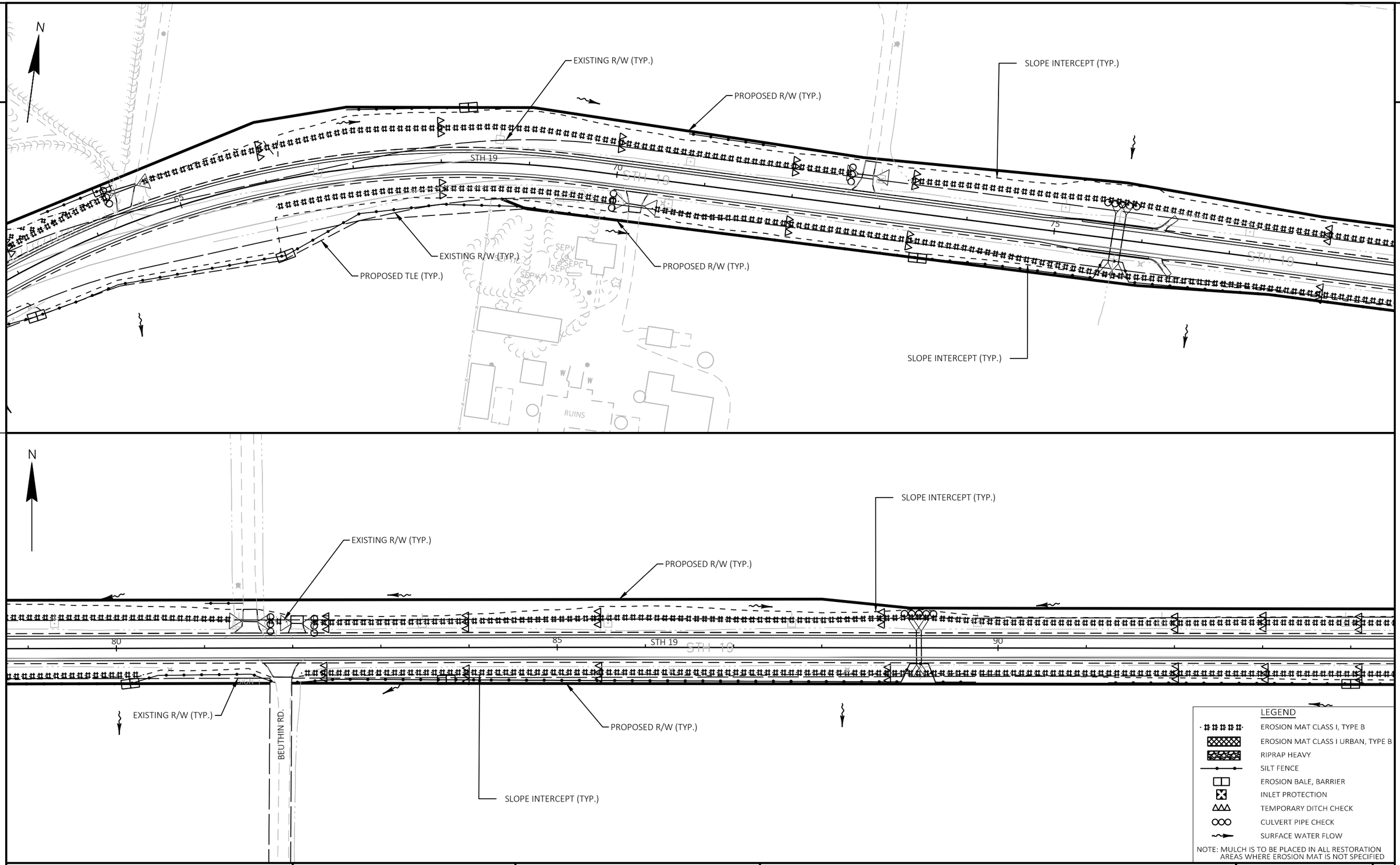
2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 67	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022002_EC

PLOT DATE : 7/26/2023 3:15 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 68	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022003_EC

PLOT DATE : 7/26/2023 3:15 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

SLOPE INTERCEPT (TYP.)

PROPOSED TLE (TYP.)

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

95 100 105 110

STH 19

SEPC SEPV SEPC

W

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

SLOPE INTERCEPT (TYP.)

WM

N

SLOPE INTERCEPT (TYP.)

EXISTING R/W (TYP.)

PROPOSED R/W (TYP.)

115 120 125

STH 19

RUINS

SEPV SEPTIC

PROPOSED R/W (TYP.)

EXISTING R/W (TYP.)

SLOPE INTERCEPT (TYP.)

LEGEND

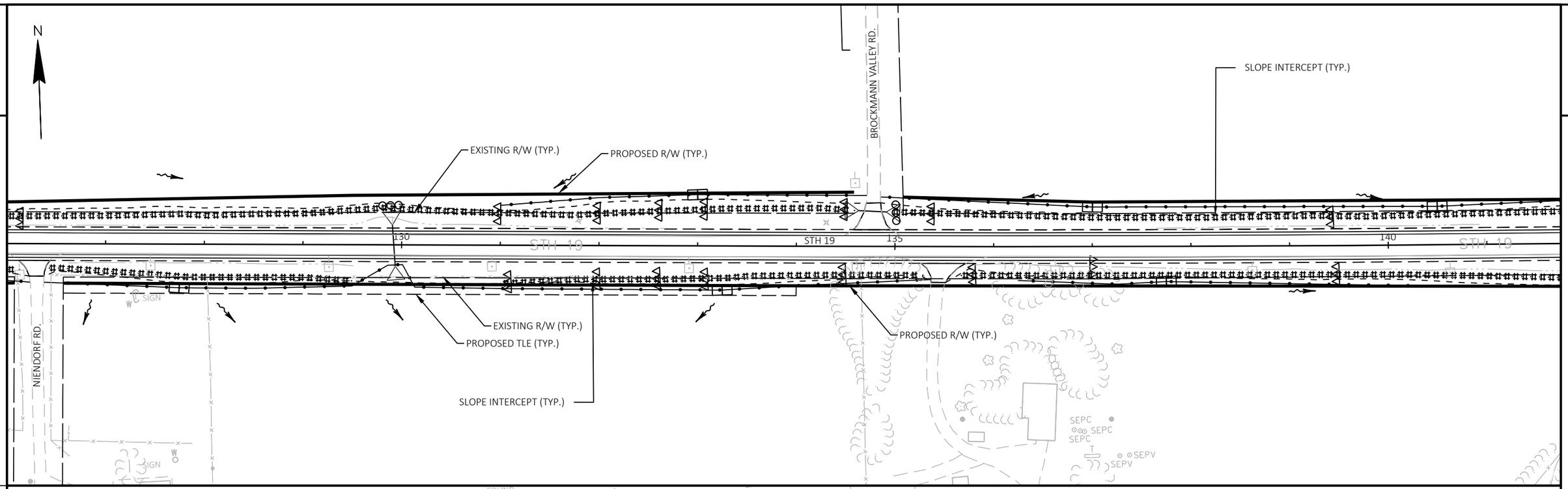
- EROSION MAT CLASS I, TYPE B
- EROSION MAT CLASS I URBAN, TYPE B
- RIPRAP HEAVY
- SILT FENCE
- EROSION BALE, BARRIER
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE CHECK
- SURFACE WATER FLOW

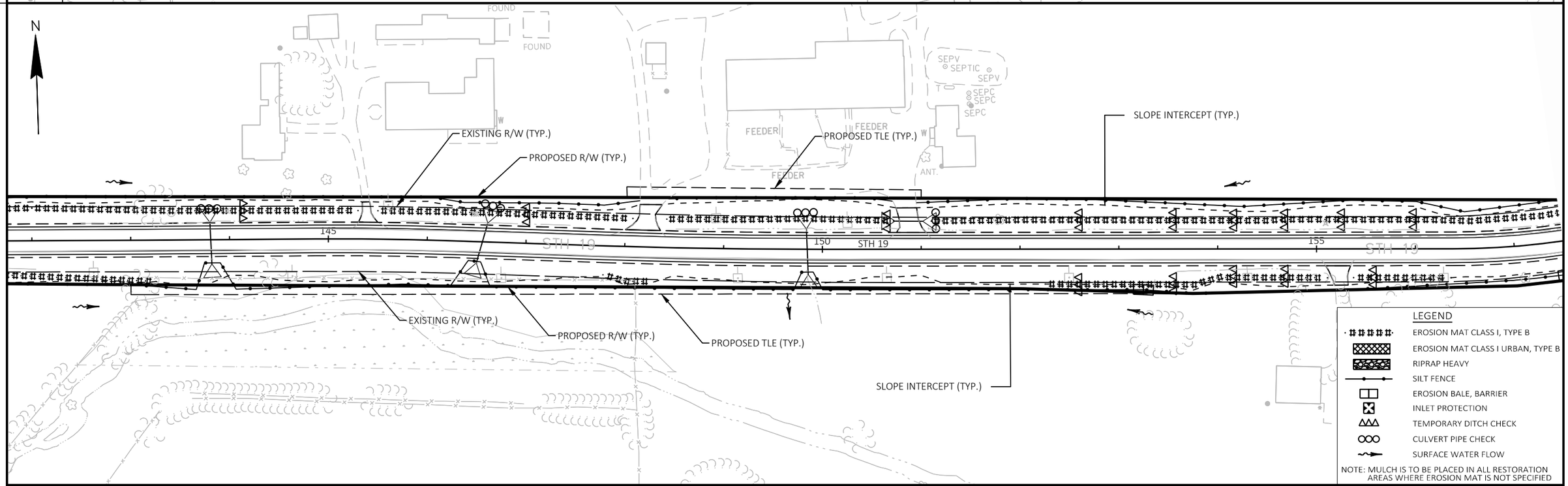
NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 69	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022004_EC

PLOT DATE : 7/26/2023 3:15 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT



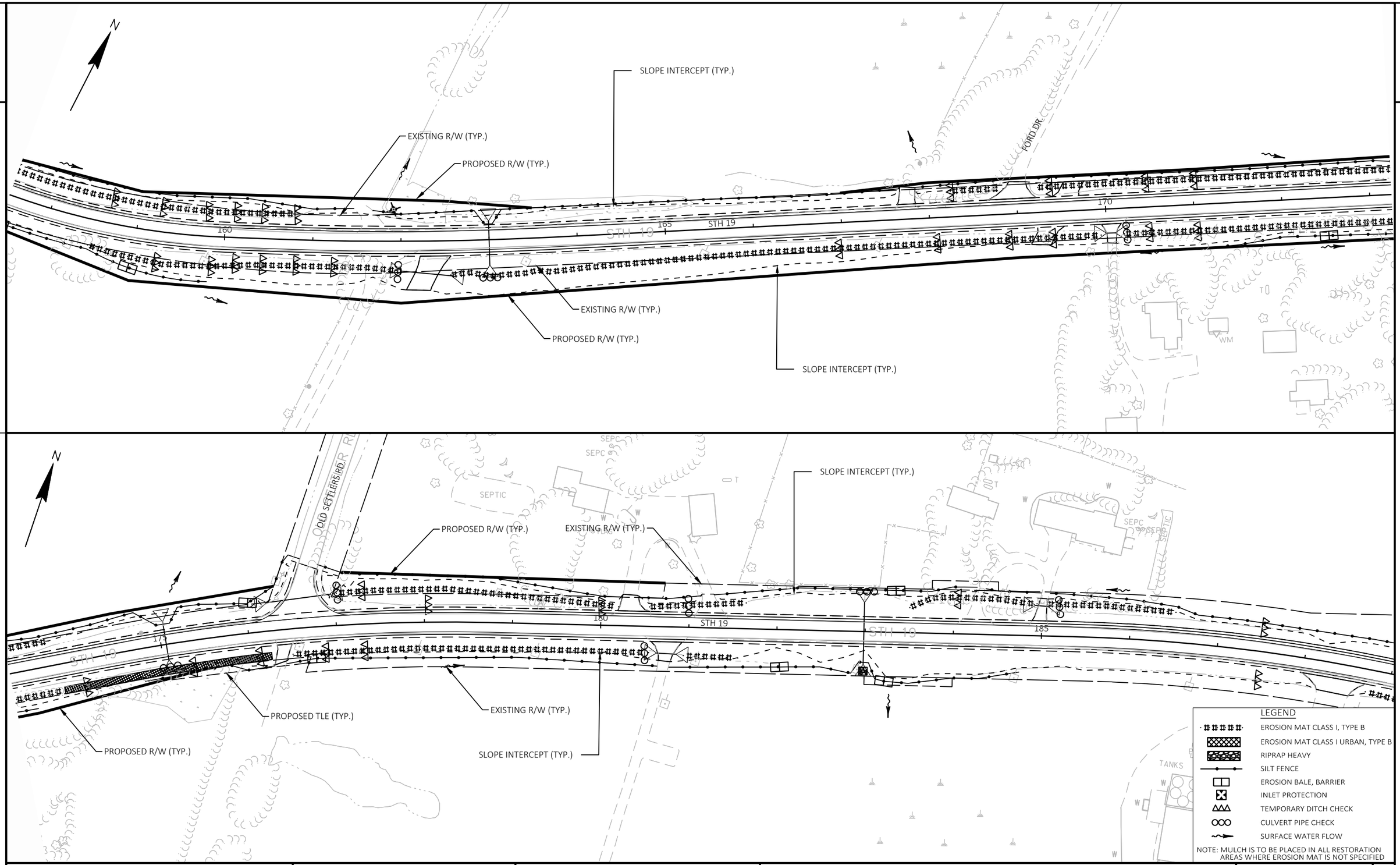


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 70	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022005_EC

PLOT DATE : 7/26/2023 3:15 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

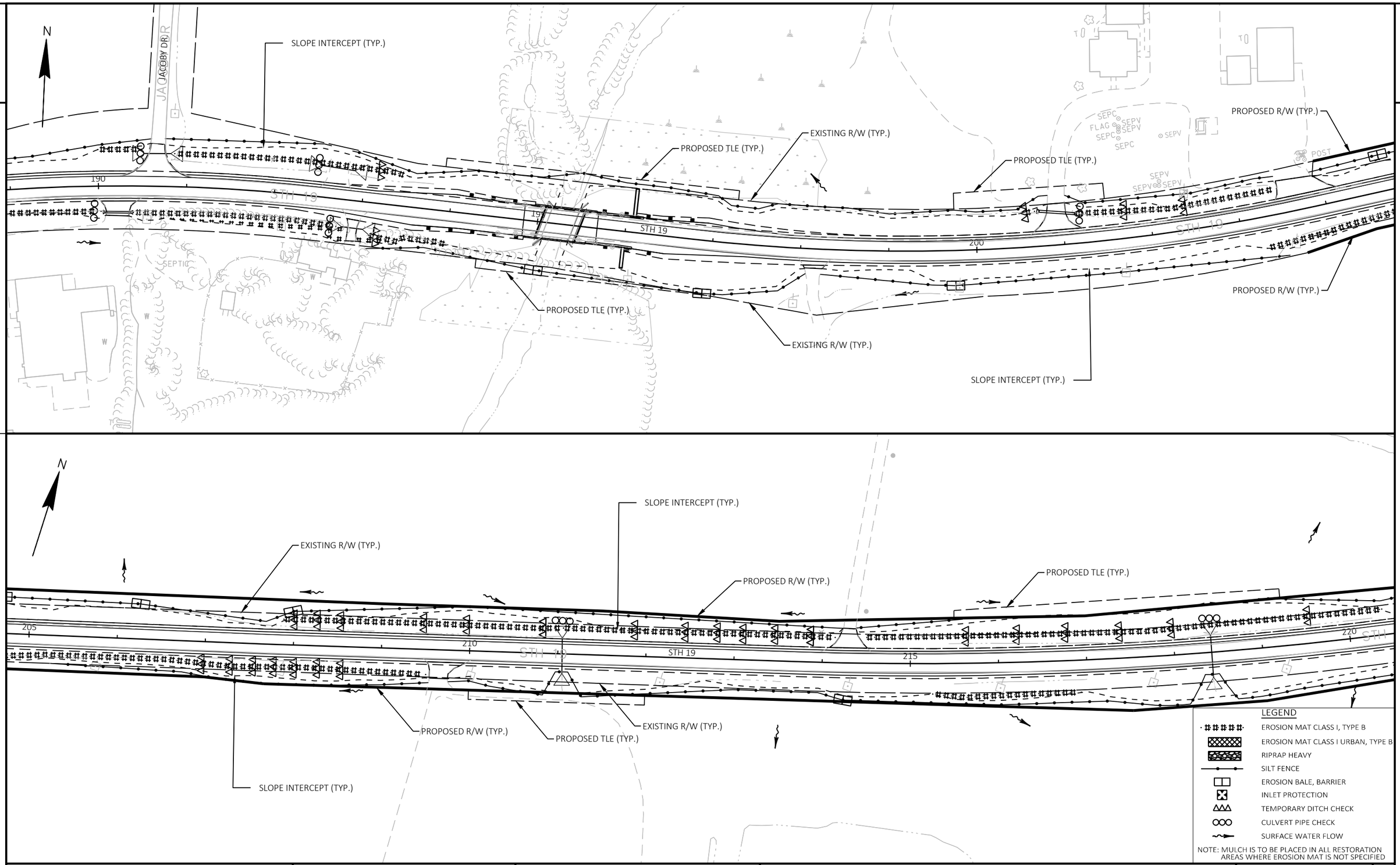


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 71	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022006_EC

PLOT DATE : 7/26/2023 3:15 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

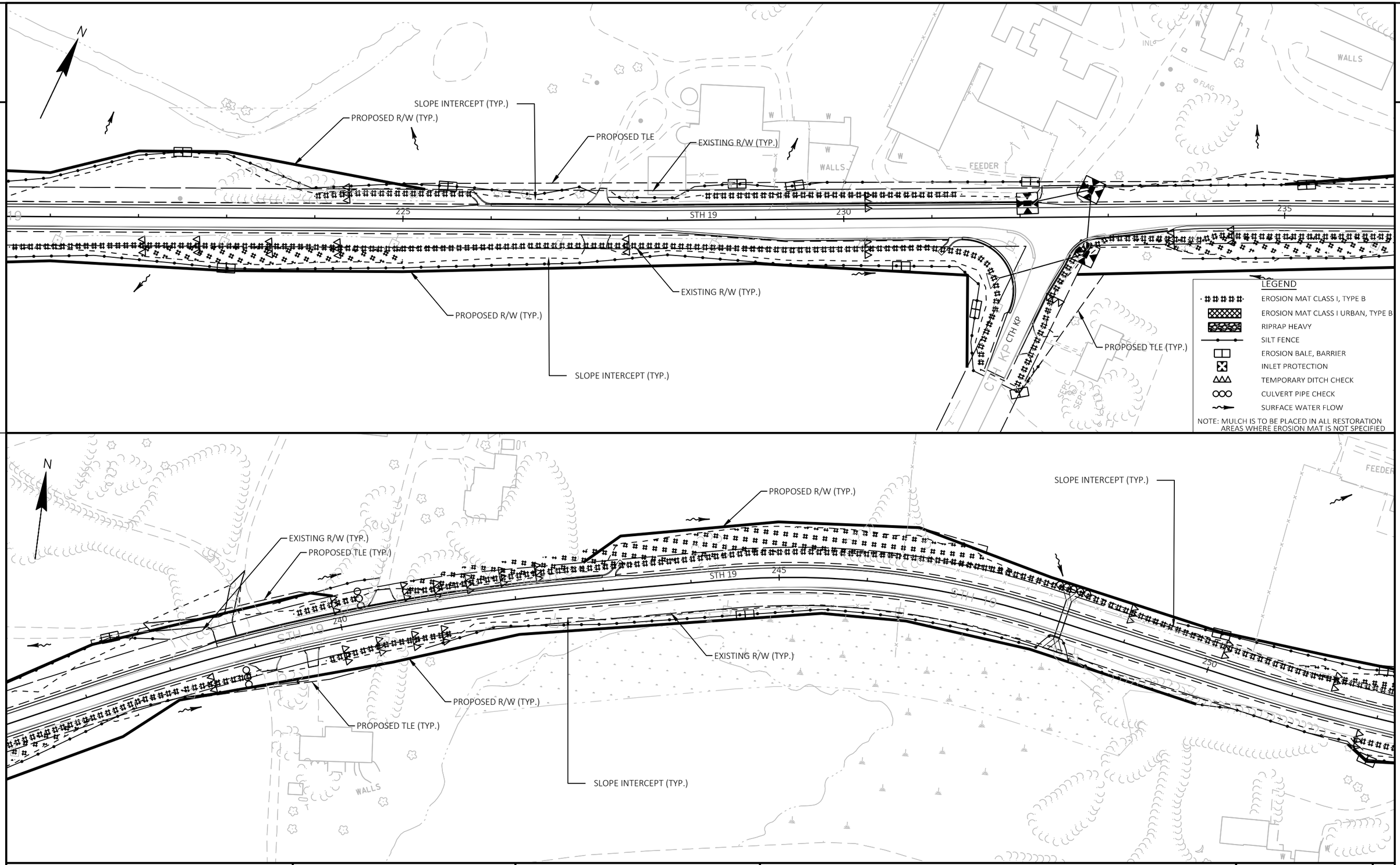


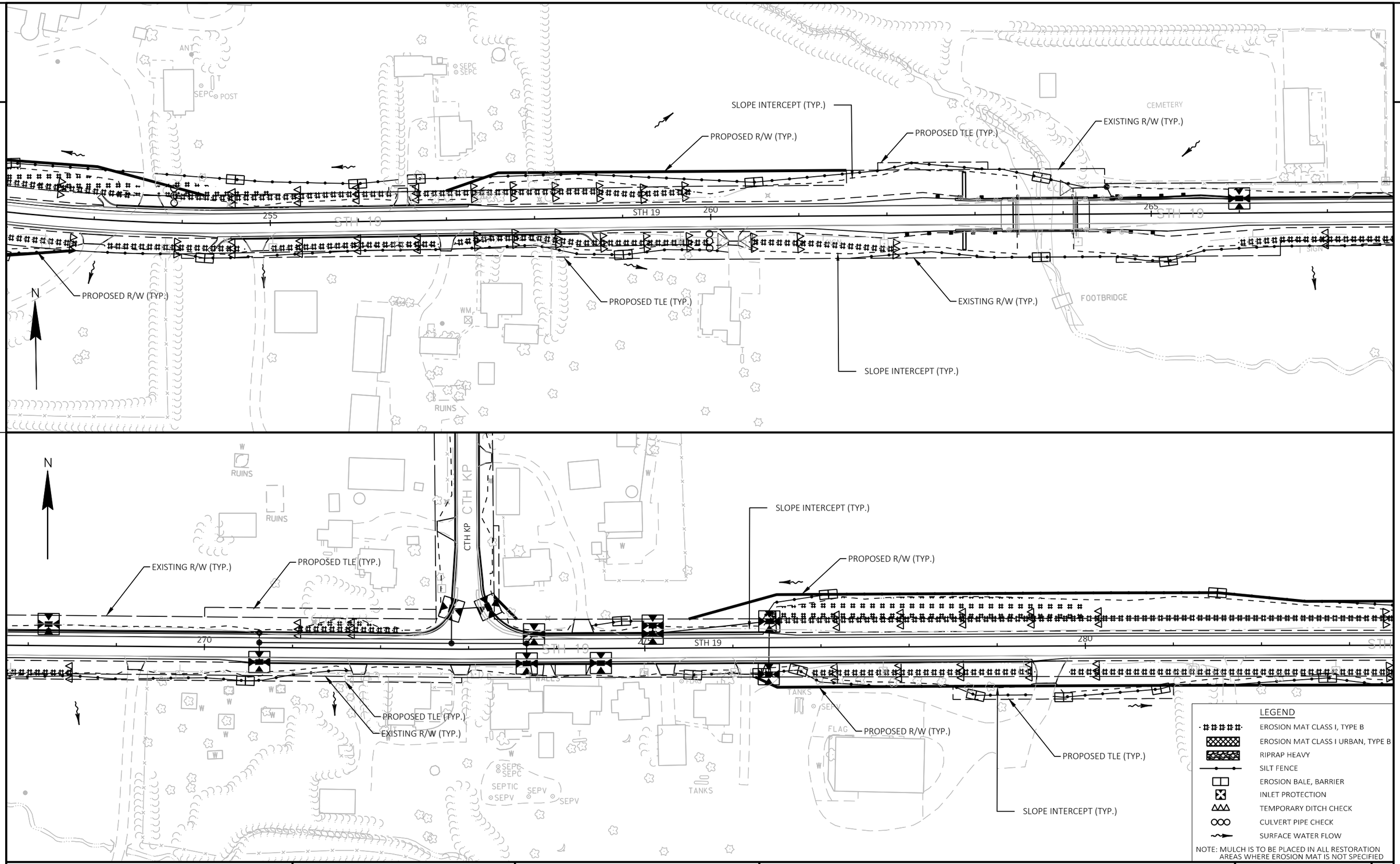
2

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 72	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022007_EC

PLOT DATE : 7/26/2023 3:16 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT

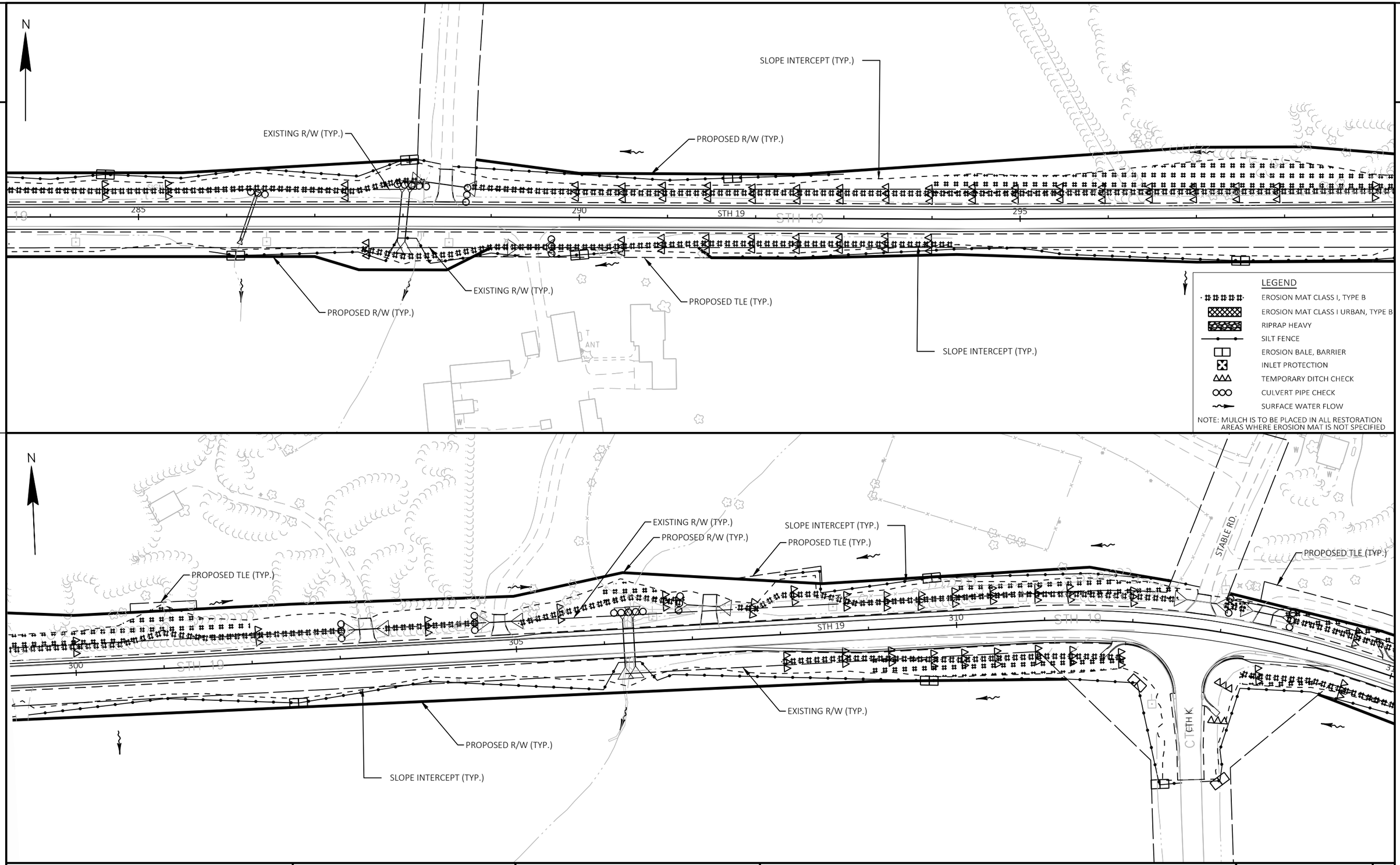

N
SLOPE INTERCEPT (TYP.)
PROPOSED R/W (TYP.)
PROPOSED TLE
EXISTING R/W (TYP.)
STH 19
225
230
235
EXISTING R/W (TYP.)
PROPOSED R/W (TYP.)
SLOPE INTERCEPT (TYP.)
PROPOSED TLE (TYP.)
CTH KP
WALLS
FEEDER
INLET
FLAG
LEGEND
EROSION MAT CLASS I, TYPE B
EROSION MAT CLASS I URBAN, TYPE B
RIPRAP HEAVY
SILT FENCE
EROSION BALE, BARRIER
INLET PROTECTION
TEMPORARY DITCH CHECK
CULVERT PIPE CHECK
SURFACE WATER FLOW
NOTE: MULCH IS TO BE PLACED IN ALL RESTORATION AREAS WHERE EROSION MAT IS NOT SPECIFIED
N
PROPOSED R/W (TYP.)
SLOPE INTERCEPT (TYP.)
EXISTING R/W (TYP.)
PROPOSED TLE (TYP.)
STH 19
240
245
250
EXISTING R/W (TYP.)
PROPOSED R/W (TYP.)
PROPOSED TLE (TYP.)
SLOPE INTERCEPT (TYP.)
WALLS
FEEDER



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 74	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022009_EC

PLOT DATE : 7/26/2023 3:16 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT



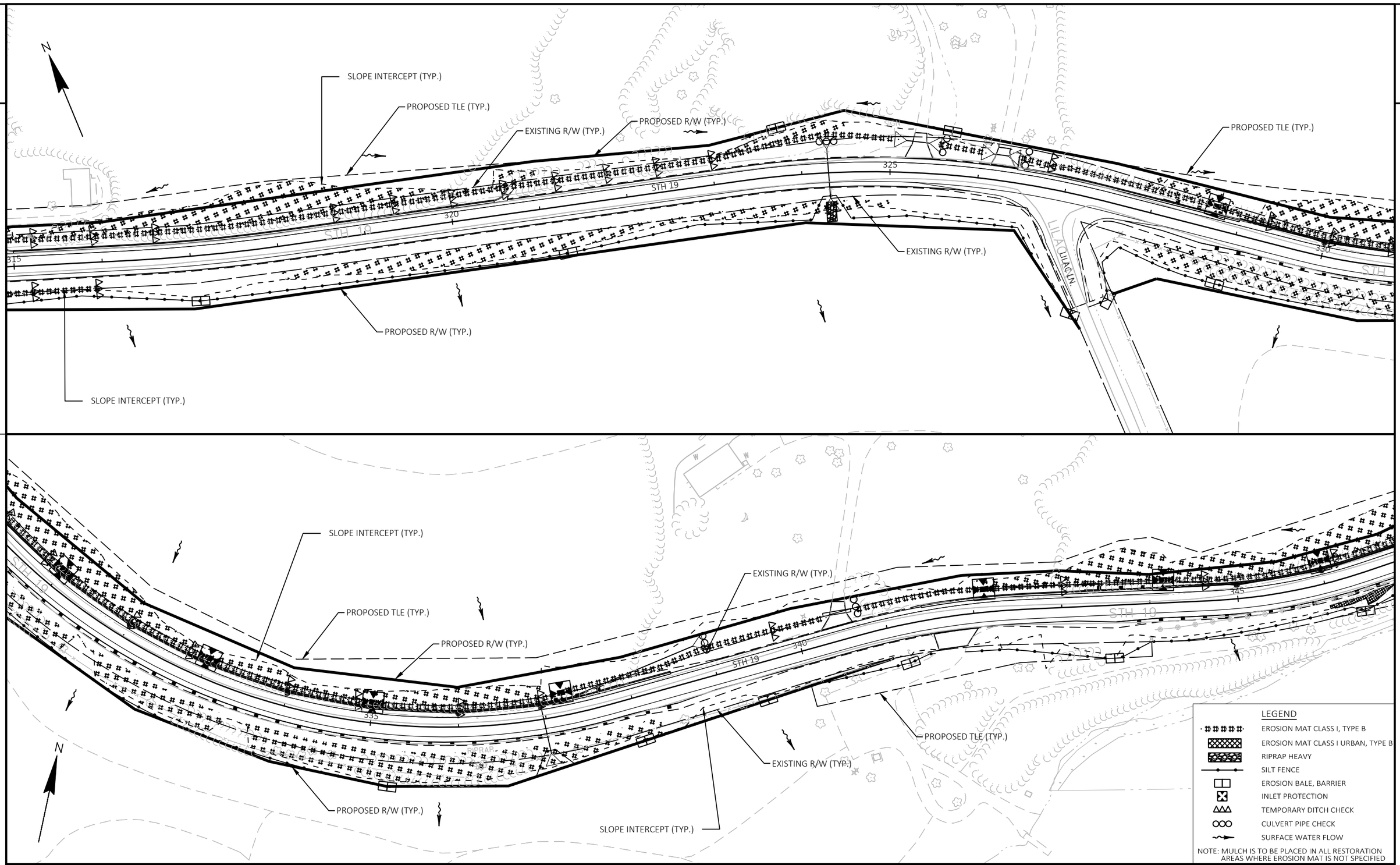
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 75	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022010_EC

PLOT DATE : 7/26/2023 3:16 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

2

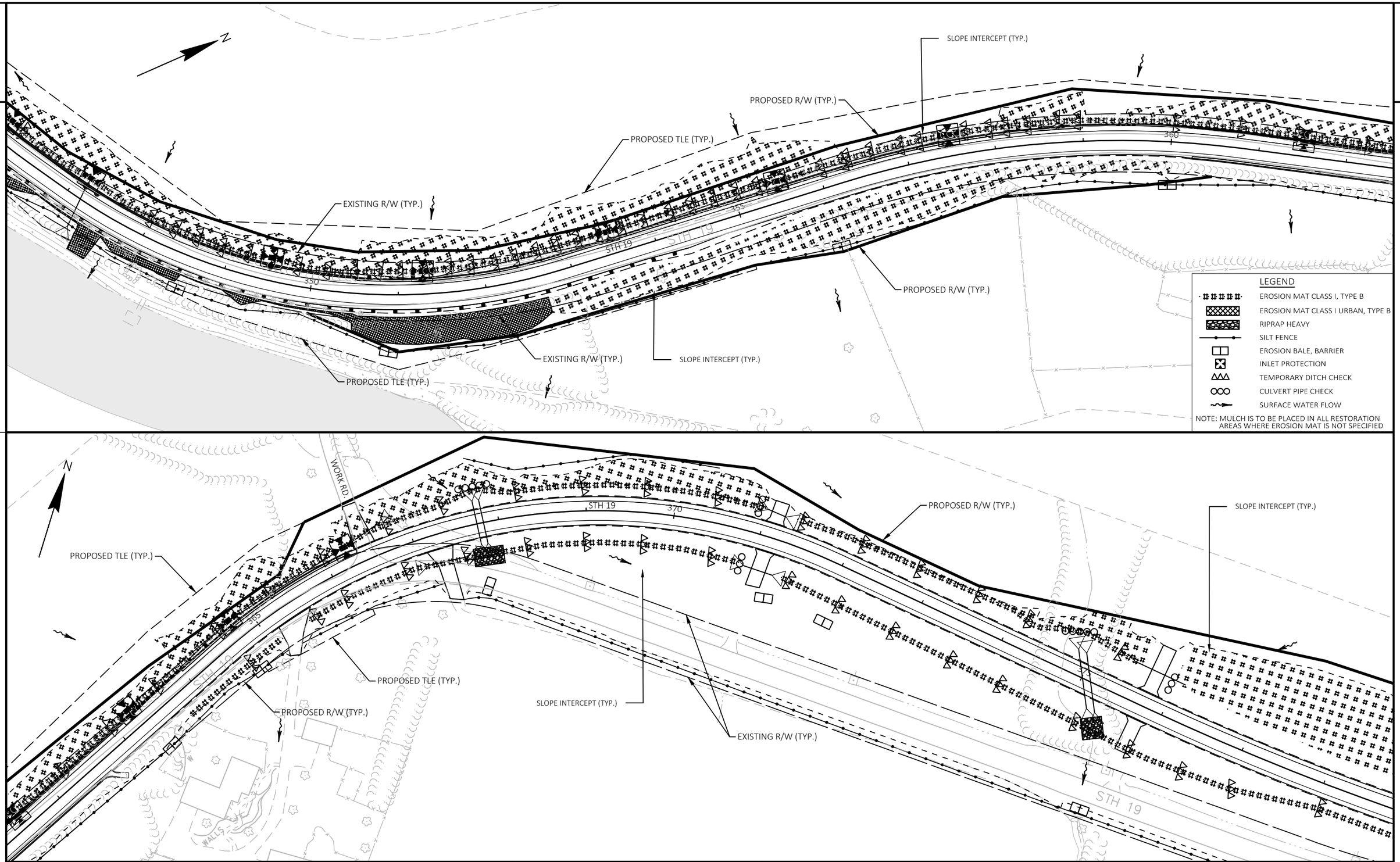


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 76	E

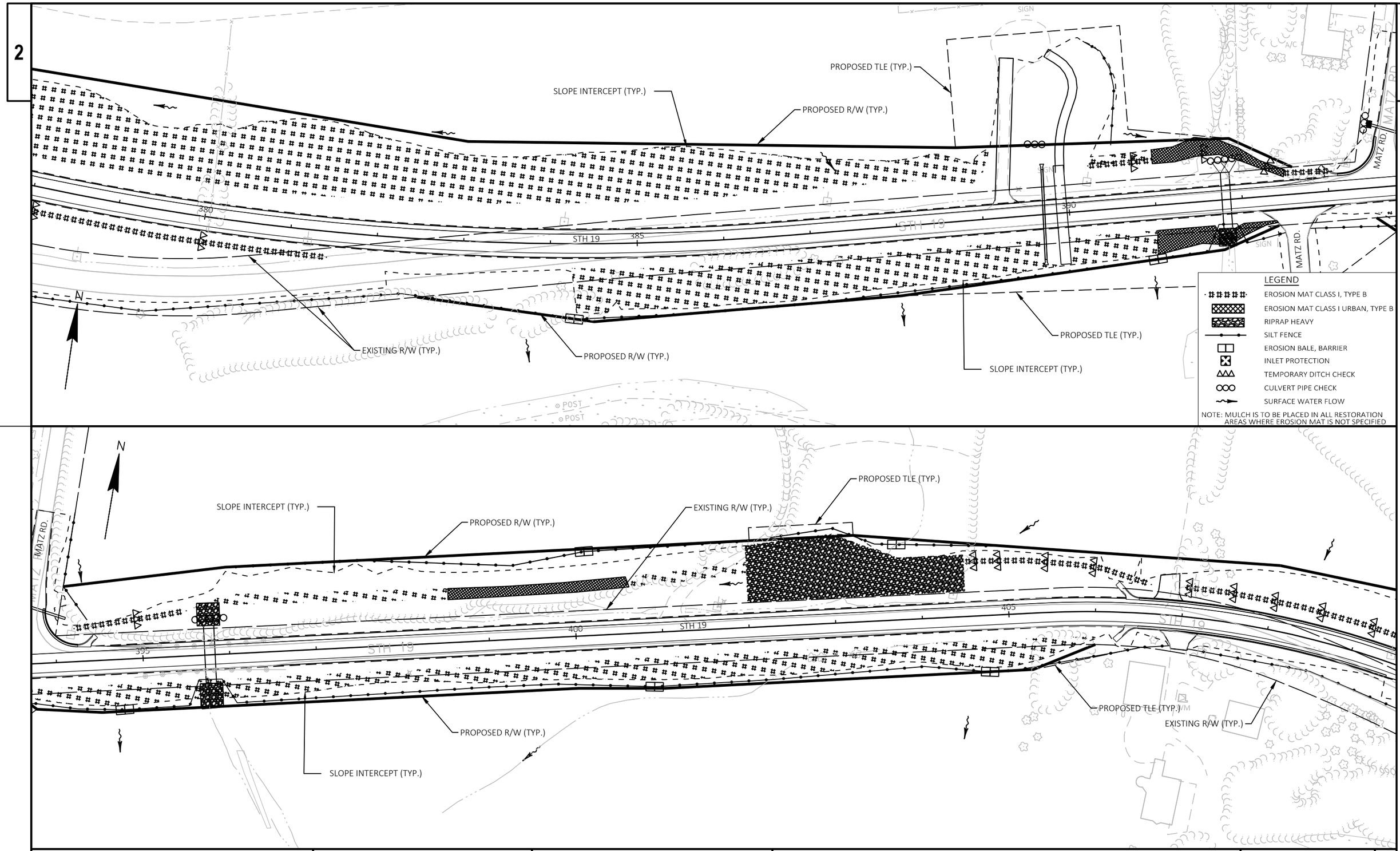
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022011_EC

PLOT DATE : 7/26/2023 3:16 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

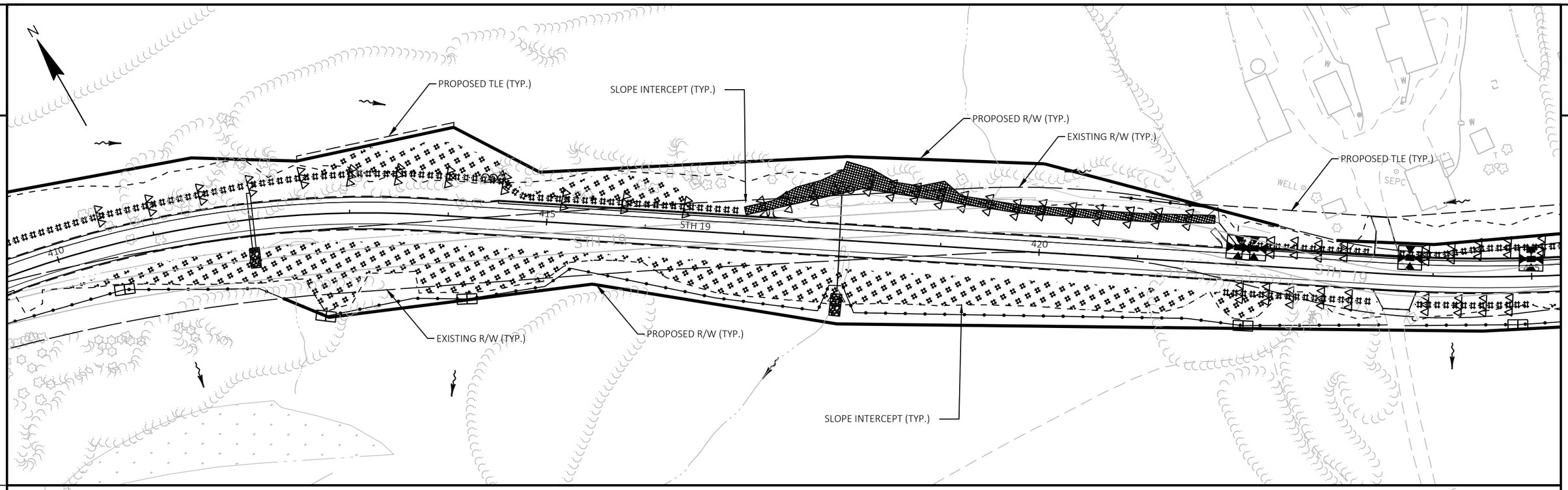


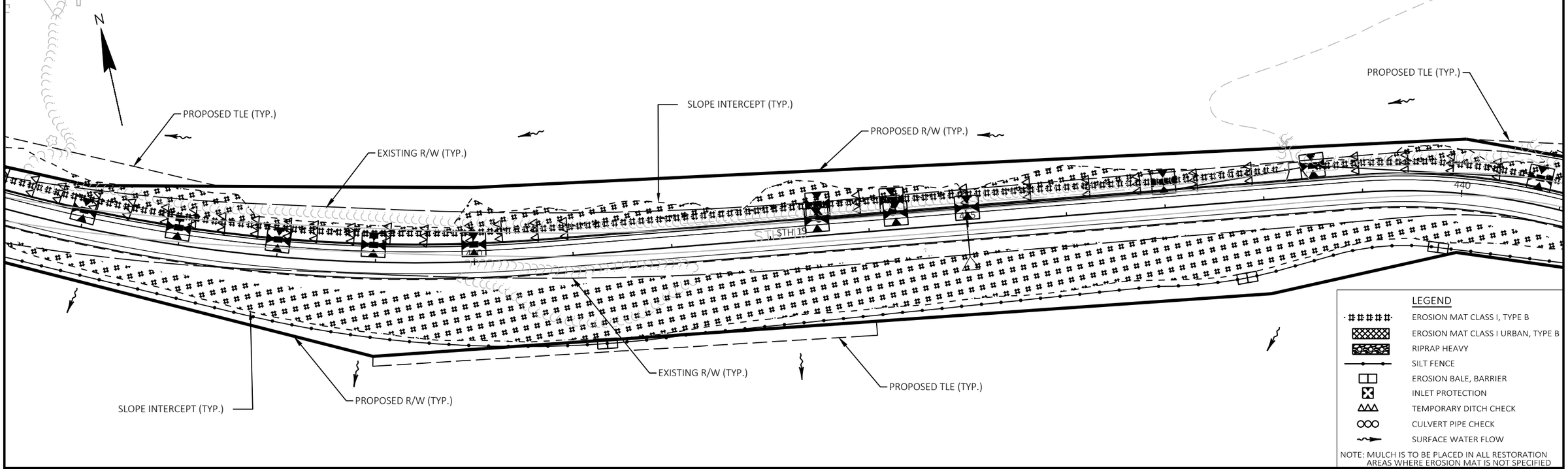
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 77	E



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 78	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022013_EC
PLOT DATE : 7/26/2023 3:16 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

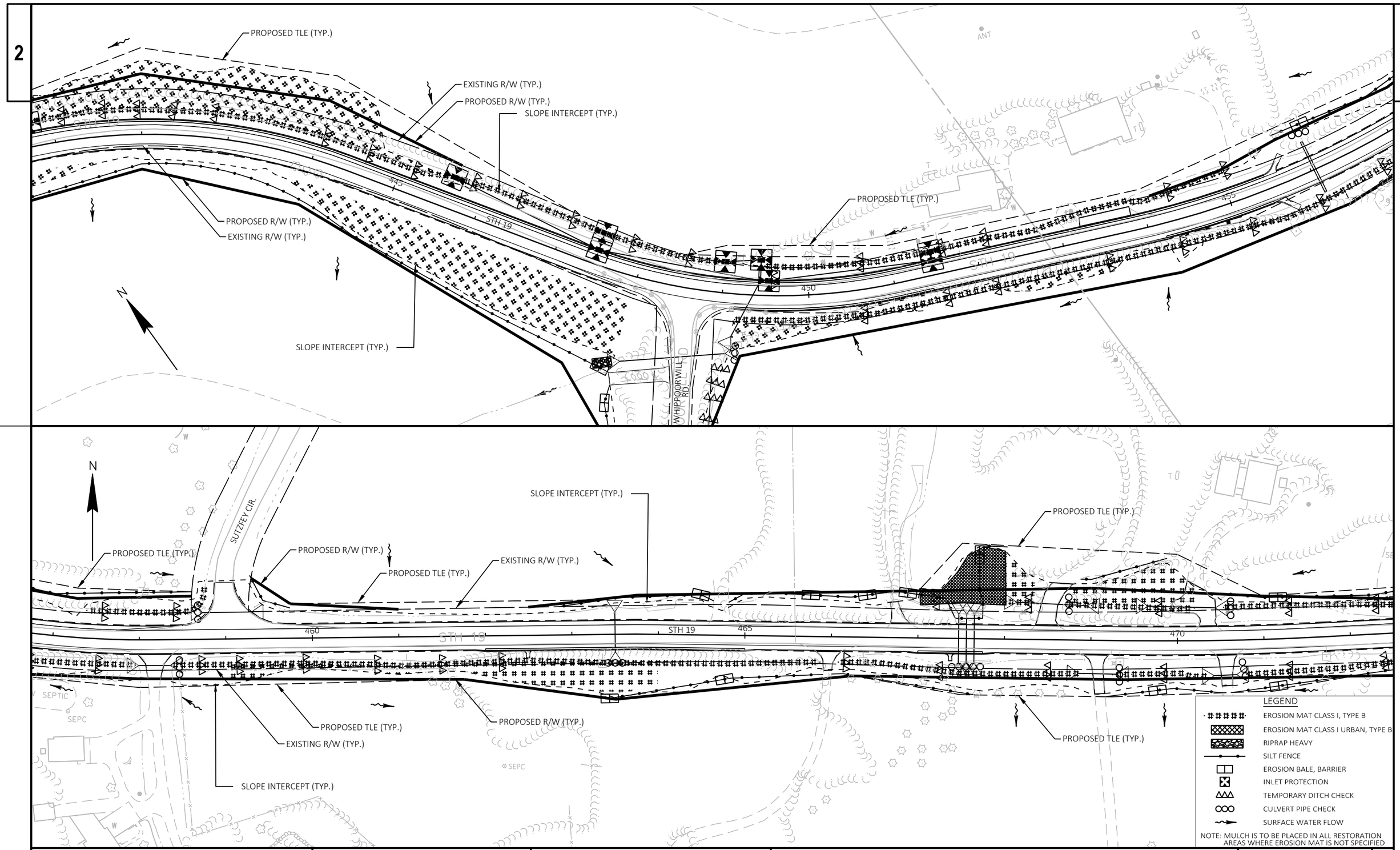




PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 79	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022014_EC

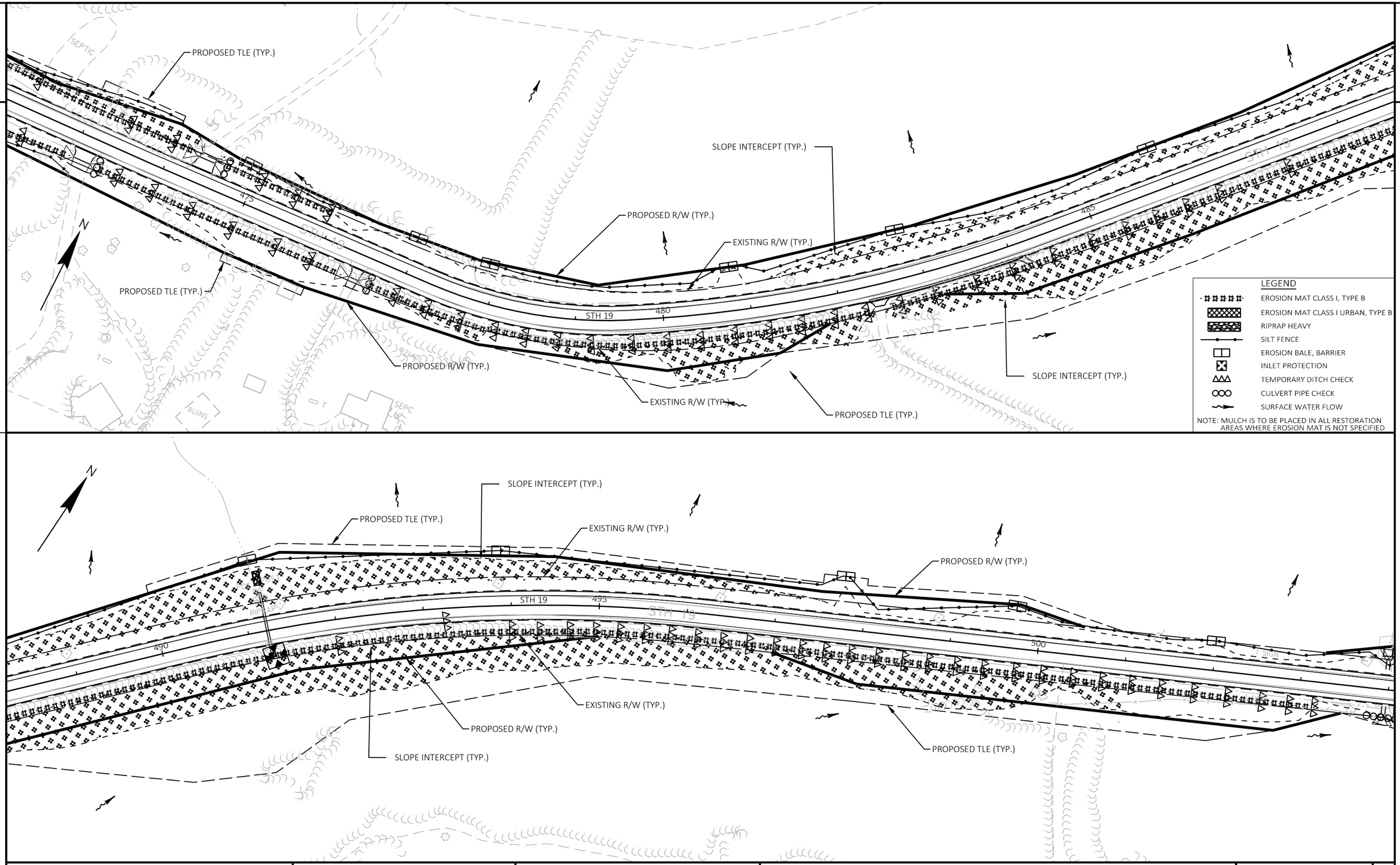
PLOT DATE : 7/26/2023 3:16 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT



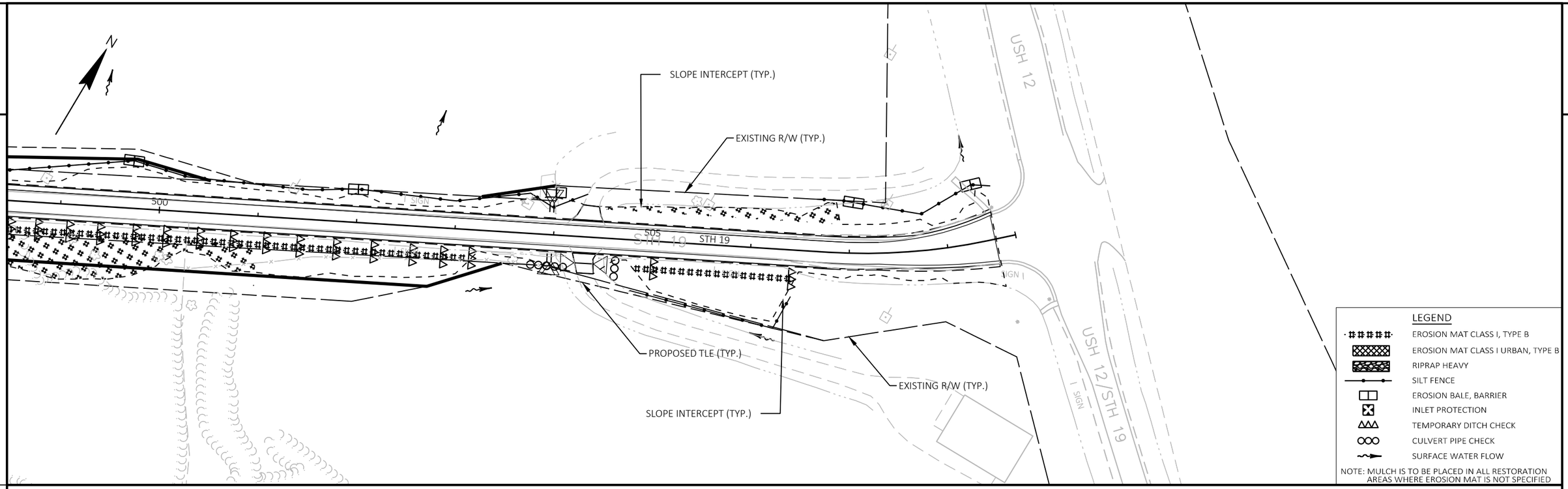
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 80	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022001_EC.DWG
LAYOUT NAME - 022015_EC

PLOT DATE : 7/26/2023 3:16 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:100 FT



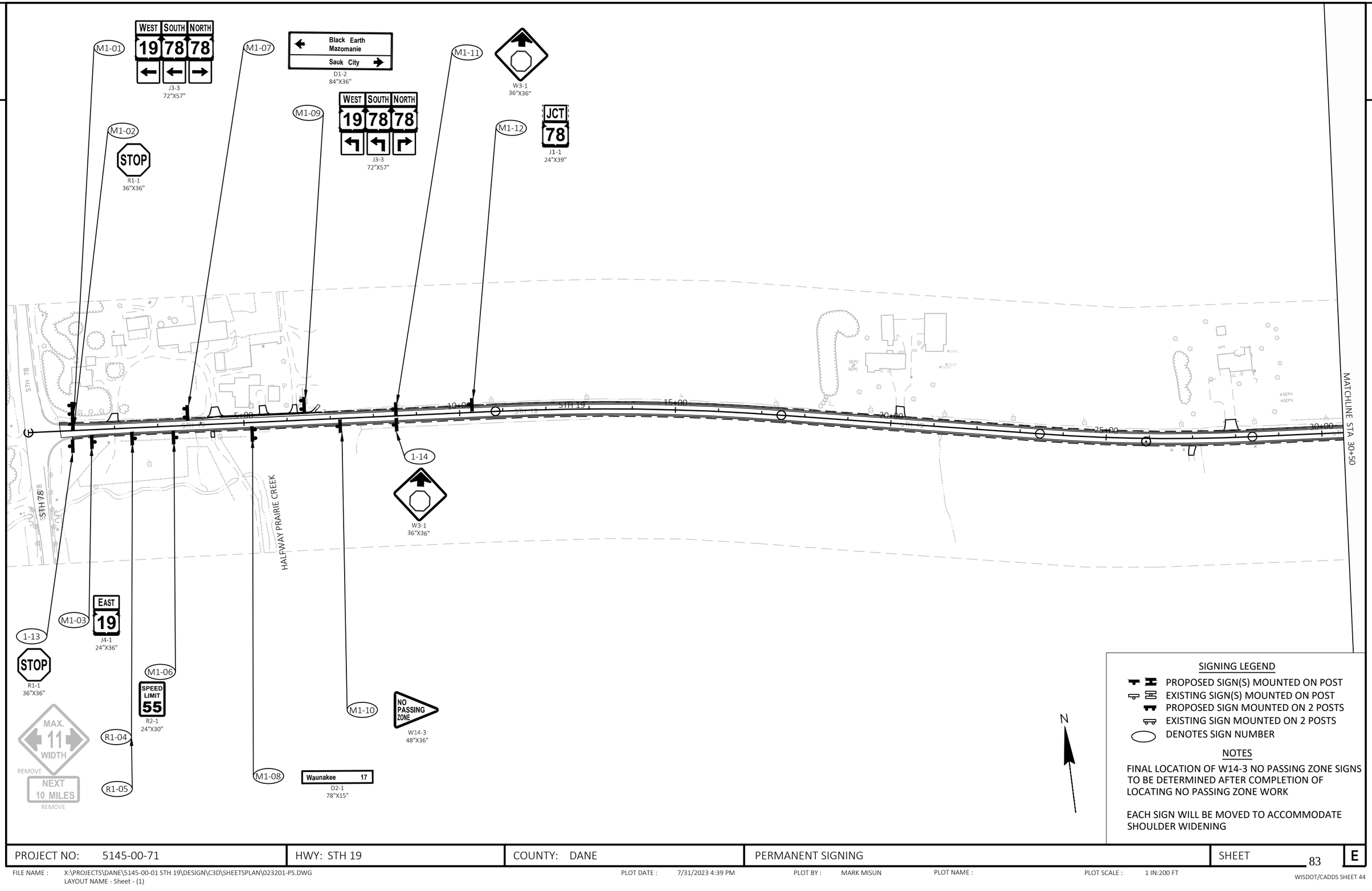
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 81	E



2

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	EROSION CONTROL	SHEET 82	E

2



SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 83	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (1)
PLOT DATE : 7/31/2023 4:39 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2

2

SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

N

MATCHLINE STA 30+50

STH 19

35+00

40+00

45+00

50+00

55+00

60+00

MATCHLINE STA 61+00

CTH F

M2-01 — NO PASSING ZONE W14-3 48"X36"

M2-02 — NO PASSING ZONE W14-3 48"X36"

M2-03 — JCT COUNTY F J1-1 24"X39"

M2-04 — W1-2L 30"X30"; 40 MPH W13-1 18"X18"

M2-05

M2-06 — Halfway Prairie County Park D2-1 78"X36"

M2-08 — WEST 19 J4-1 24"X36"

M2-10 — COUNTY F J13-1 24"X45"

M2-12 — W1-7 48"X24"

M2-13 — STOP R1-1 30"X30"

M2-15 — EAST 19 J4-1 24"X36"

M2-16 — W1-2R 30"X30"

M2-17 — Halfway Prairie County Park D2-1 78"X36"

M2-18 — W1-2R 30"X30"; 40 MPH W13-1 18"X18"

M2-19

M2-20 — I55-56 30"X18"; I55-56P 30"X18" ADOPT A HIGHWAY SCOUTS BSA TROOP 74

2-14 — COUNTY F J13-1 24"X45"

2-21 (A)

2-22 (B)

2-23 (A)

2-24 (B)

2-25 (A)

2-26 (B)

2-27 (A)

2-28 (B)

2-29 (A)

2-30 (B)

2-31 — I55-56 30"X18"; I55-56P 30"X18" ADOPT A HIGHWAY WISCONSIN HEIGHTS OPTIMIST CLUB

2-32

R2-07 — REMOVE — ADOPT A HIGHWAY SPONSOR WISCONSIN HEIGHTS OPTIMIST CLUB

R2-09 — REMOVE

R2-11 — REMOVE

19 — J13-1 24"X45"

(A) W1-8 18"X24"

(B) W1-8 18"X24"

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 84	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (2)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

2

SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

N

M3-01

W11-5
30"X30"

M3-03

W1-6
48"X24"

M3-04

W1-2L
30"X30"

MATCHLINE STA 61+00

65+00

70+00

75+00

STH 19

80+00

85+00

90+00

MATCHLINE STA 91+50

BEUTHIN ROAD

M3-02

JCT
COUNTY
F

J1-1
24"X39"

NO
PASSING
ZONE

W14-3
48"X36"

M3-05

M3-06

STOP

R1-1
30"X30"

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 85	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (3)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

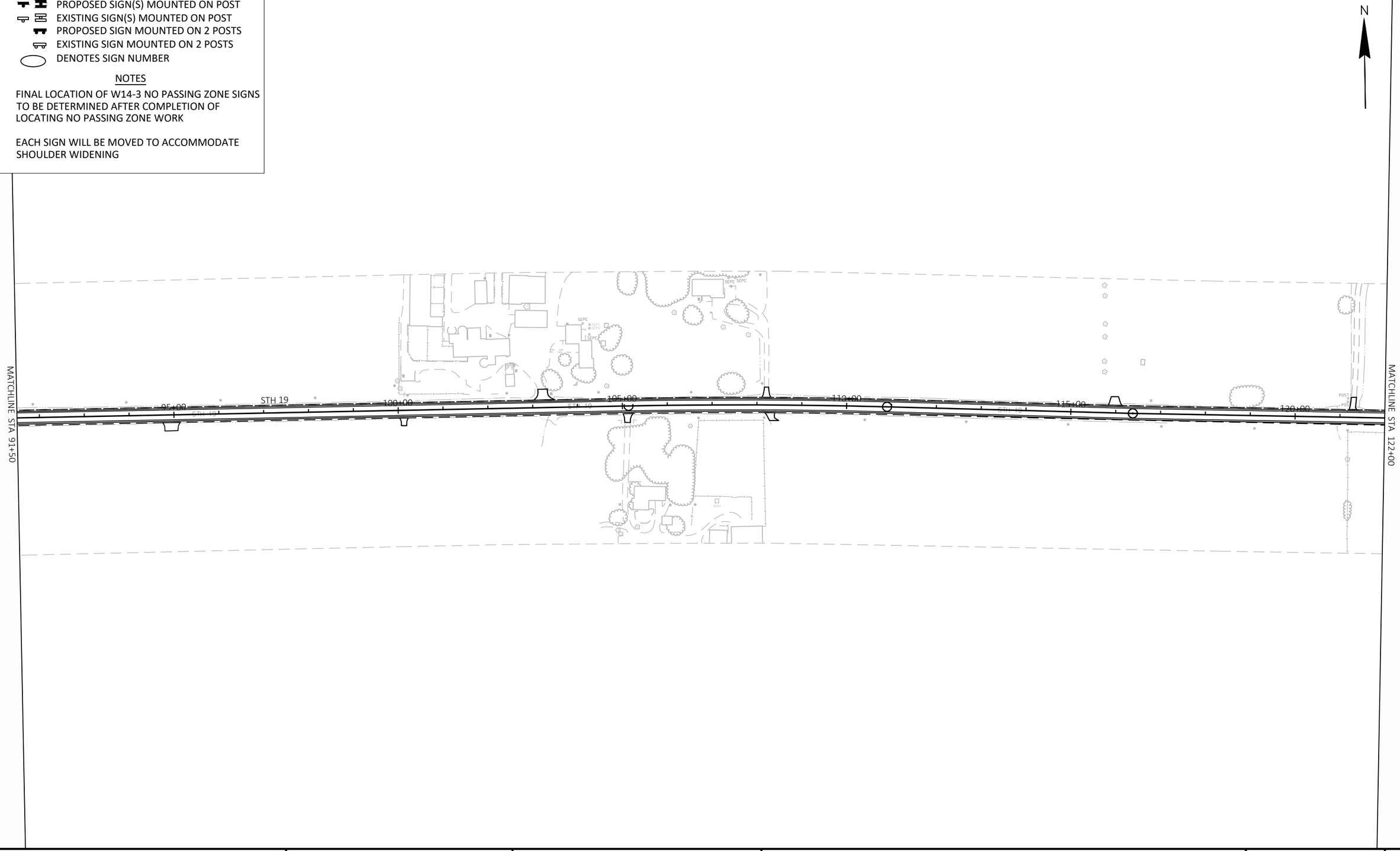
SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 86	E

2

SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

N

MATCHLINE STA 122+00

MATCHLINE STA 152+50

STH 19

125+00 130+00 135+00 140+00 145+00 150+00

BROCKMANN VALLEY ROAD

NIENDORF ROAD

HALFWAY PRAIRIE CREEK

M5-02 — STOP — R1-1 30"X30"

M5-03 — NO PASSING ZONE — W14-3 48"X36"

M5-01 — STOP — R1-1 30"X30"

M5-04 — S3-1 36"X36"

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 87	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (5)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

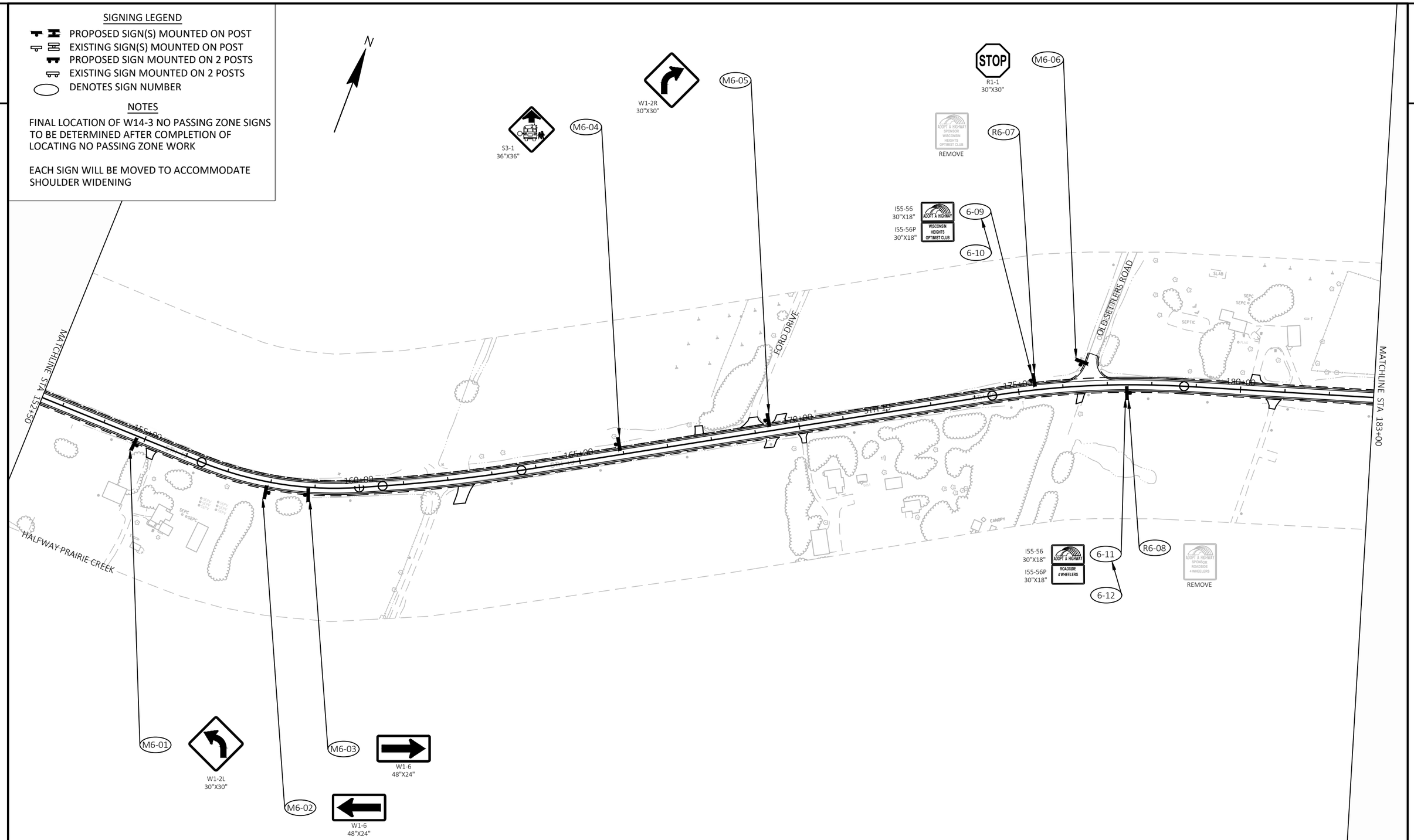
SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 88	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (6)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

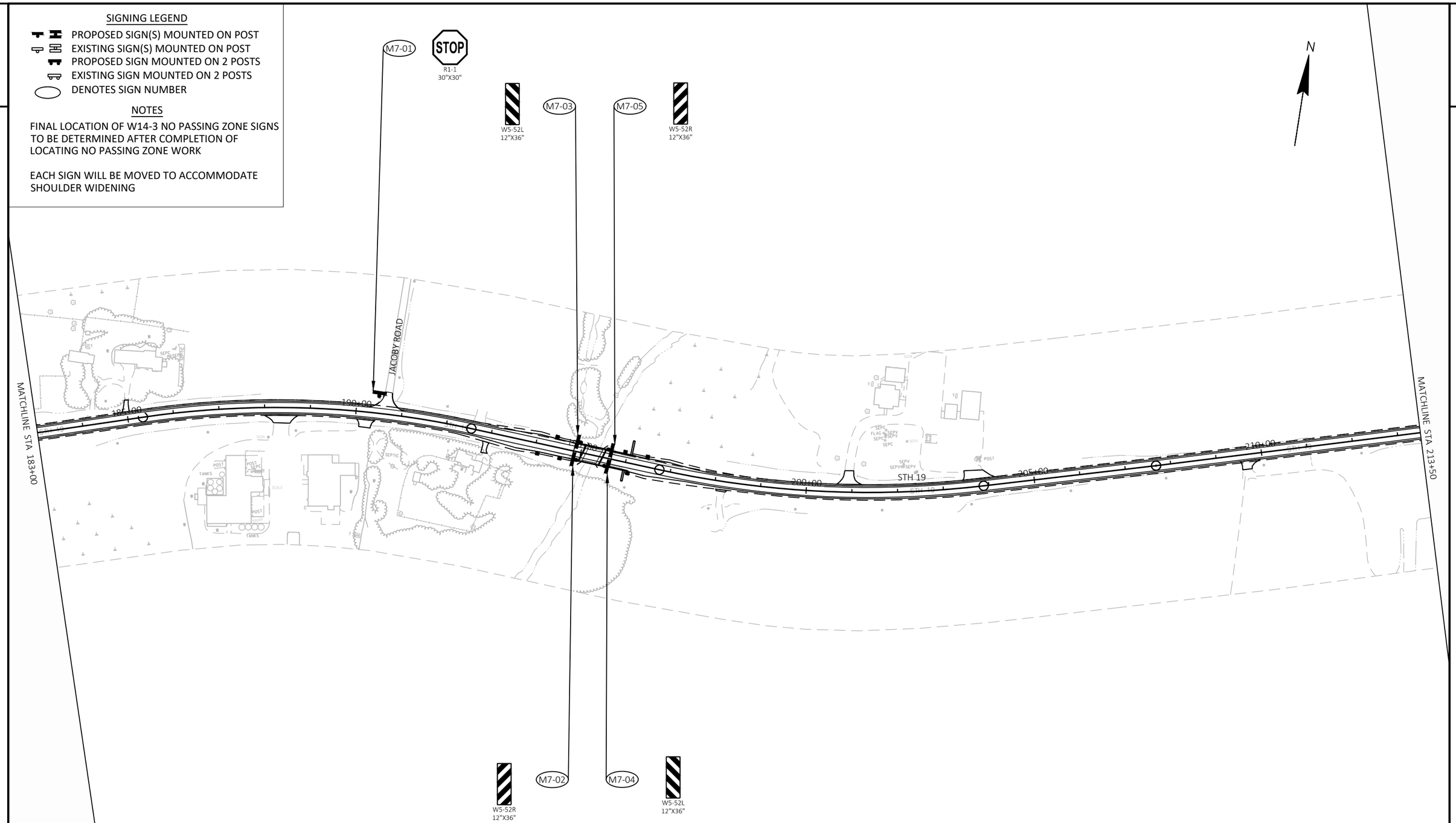
SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 89	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (7)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

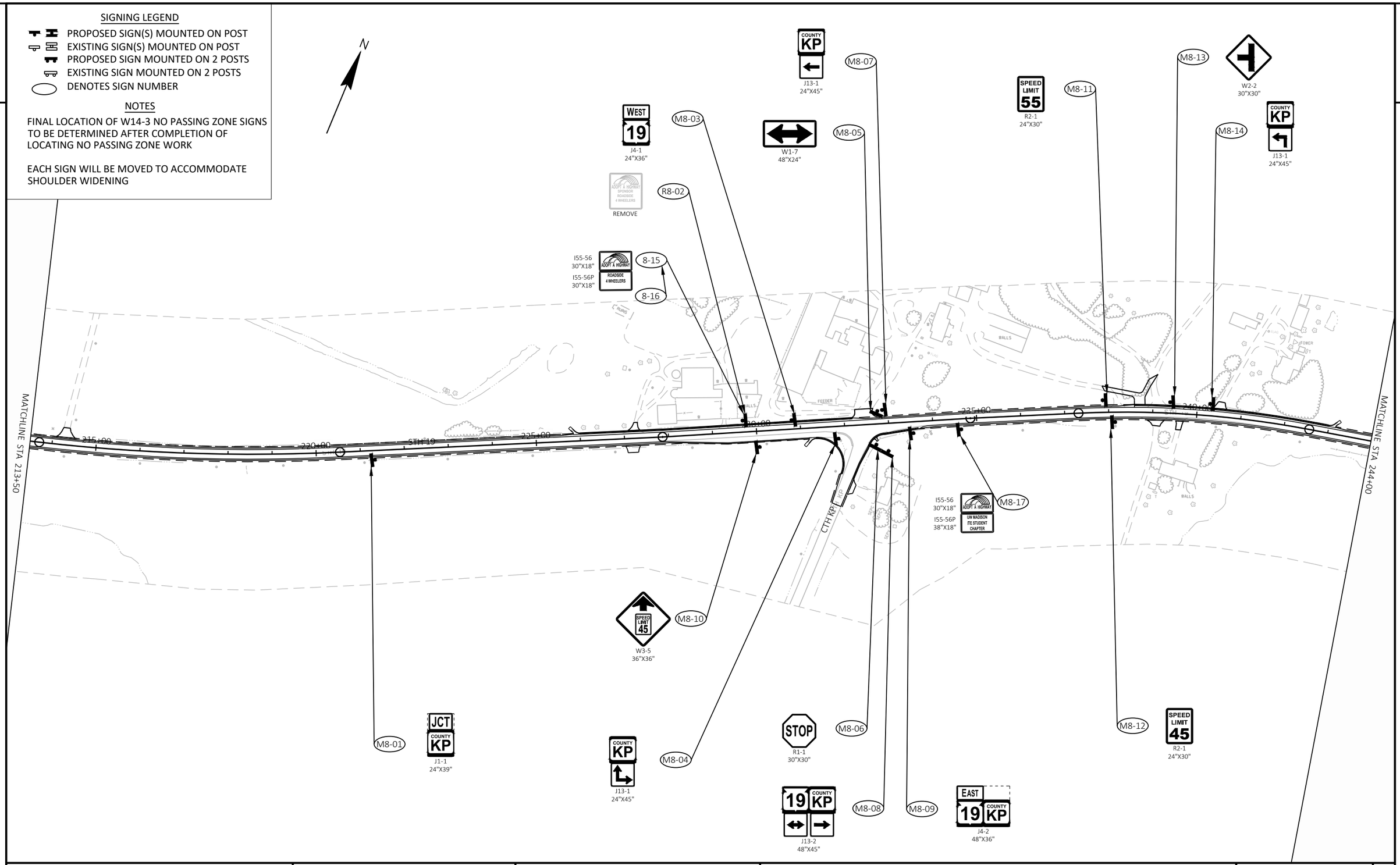
SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 90	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (8)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

N

MATCHLINE STA 244+00

MATCHLINE STA 274+50

245+00 250+00 255+00 260+00 265+00 270+00

STH 19

CTH KP

HALFWAY PRAIRIE CREEK

M9-01 S3-1 36"X36"

M9-02 SPEED LIMIT 45 R2-1 24"X30"

M9-03 S3-1 36"X36"

M9-04 Marxville UNICORPORATED I2-3-U 66"X24"

M9-05 SPEED LIMIT 45 R2-1 24"X30"

M9-06 SPEED LIMIT 45 R2-1 24"X30"

M9-07 W5-52L 12"X36"

M9-08 W5-52R 12"X36"

M9-09 W5-52R 12"X36"

M9-10 W5-52L 12"X36"

M9-11 NO PASSING ZONE W14-3 48"X36"

M9-12 COUNTY KP J13-1 24"X45"

M9-13 SPEED LIMIT 45 R2-1 24"X30"

M9-14 WEST COUNTY 19 KP J4-2 48"X36"

M9-15 COUNTY 19 KP J13-2 48"X45"

M9-17 R1-1 30"X30" STOP

M9-18 R7-1R 18"X24" NO PARKING ANY TIME

M9-19 J13-1 24"X45" COUNTY KP

M9-20 COUNTY KP J13-1 24"X45"

M9-21 W1-7 48"X24"

M9-22 R1-1 30"X30" STOP

M9-23 R7-1L 18"X24" NO PARKING ANY TIME

M9-24

M9-25

M8-17 I55-56 30"X18" ADOPT A HIGHWAY I55-56P 30"X18" UW MADISON ITE STUDENT CHAPTER

MOVE TO STA 234+50

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 91	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (9)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 44

2

SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

N

MATCHLINE STA 274+50

MATCHLINE STA 305+00

STH 19

BALLWEG DRIVE

275+00 280+00 285+00 290+00 295+00 300+00 305+00

M10-01 — EAST 19 — J4-1 24"X36"

M10-02 — SPEED LIMIT 45 — R2-1 24"X30"

M10-03 — SPEED LIMIT 55 — R2-1 24"X30"

M10-04 — JCT COUNTY KP — J1-1 24"X39"

M10-05 — Marxville UNICORPORATED — I2-3-U 66"X24"

M10-06 — NO PASSING ZONE — W14-3 48"X36"

M10-07

M10-08 — STOP — R1-1 30"X30"

M10-09 — NO PASSING ZONE — W14-3 48"X36"

M10-10 — JCT COUNTY K — J1-1 24"X39"

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 92	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (10)

PLOT DATE : 7/25/2023 1:19 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

LOCALS ARE RESPONSIBLE FOR REMOVING AND INSTALLING STREET NAME SIGN ON THEIR ON POST.

M11-09 W1-7 48"X24"
M11-37 STOP R1-1 30"X30"
M11-08 W1-6 48"X24"
M11-06 WEST 19 J4-1 24"X36"
M11-12 W1-6 48"X24"
COUNTY K J13-1 24"X45"
M11-13
M11-20 W1-6 48"X24"
M11-21 W1-6 48"X24"
JCT COUNTY K J1-1 24"X39"
M11-19
REMOVE 40 MPH REMOVE
R11-32
R11-33
N
STABLE ROAD
STH 19
CTH K
HILAC LANE
MATCHLINE STA 305+00
MATCHLINE STA 335+50
310+00
315+00
320+00
325+00
330+00
335+00
11-07 COUNTY K J13-1 24"X45"
M11-10 STOP R1-1 30"X30"
M11-11 19 J13-1 24"X45"
M11-14 EAST 19 J4-1 24"X36"
M11-05 W1-2R 30"X30"
R11-15
R11-16
REMOVE 45 MPH REMOVE
W1-5R 30"X30"
R11-18 40 MPH REMOVE
45 MPH W13-1 18"X18"
M11-17
11-18
M11-22 DEAD END W14-1 30"X30"
M11-23 STOP R1-1 30"X30"
M11-24
M11-25
M11-26
M11-27
M11-28
M11-29
M11-30
M11-31
M11-34
M11-35
M11-36
W1-8 18"X24"
W1-8 18"X24"
S3-1 36"X36"
FOOTBRIDGE

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 93	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (11)
PLOT DATE : 7/25/2023 1:19 PM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

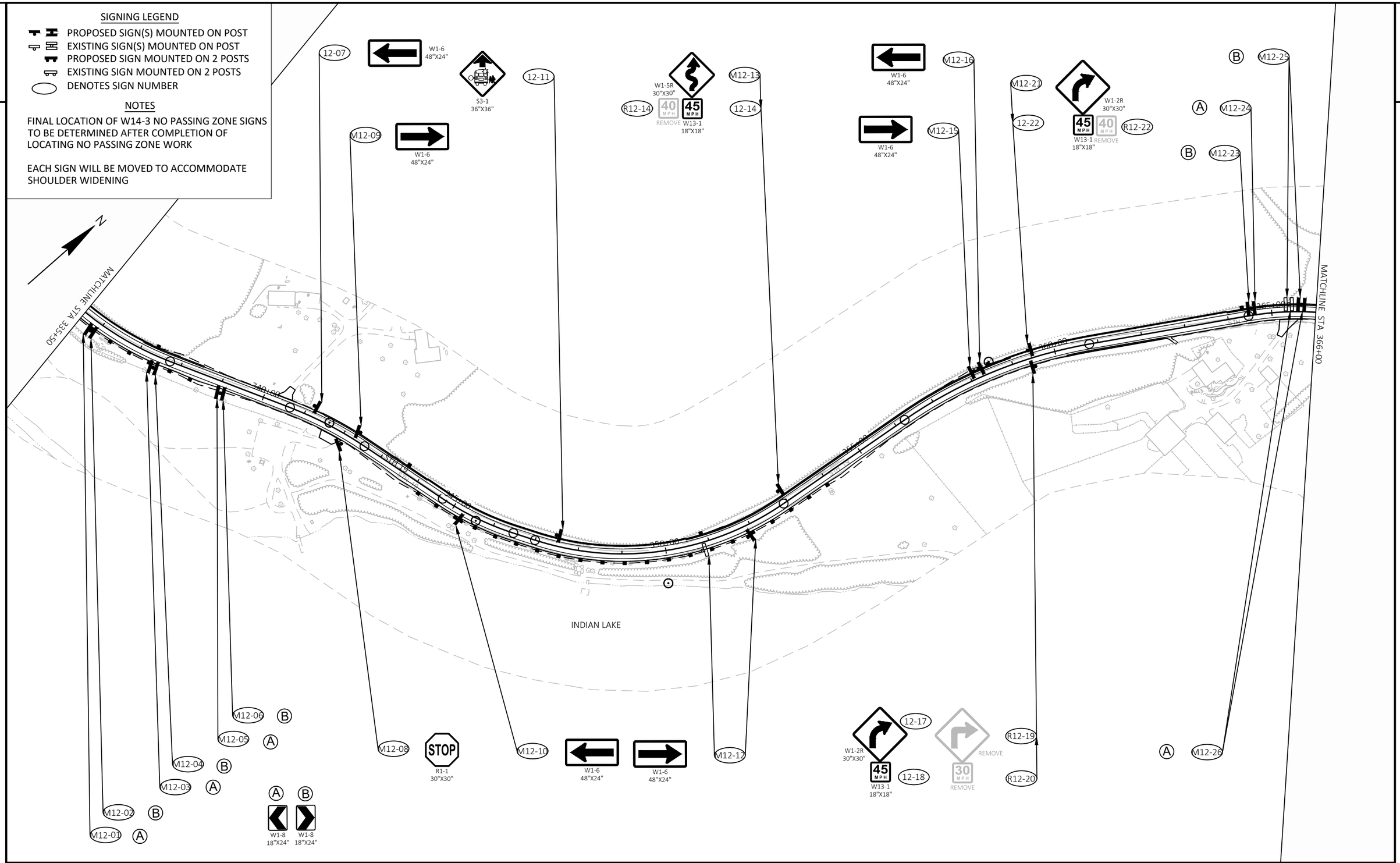
SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 94	E

M13-01 B
M13-02 A
M13-03 B
M13-04 A
M13-05 B
M13-06 A
M13-07 B
M13-08 A
M13-09 B
M13-10 A
A B
W1-8 18"X24"
W1-8 18"X24"
13-14
13-15
W1-2L 30"X30"
45 MPH
W13-1 18"X18"
REMOVE
R13-17
STOP
R1-1 30"X30"
M13-22
W5-52R 12"X36"
M13-25
I55-56 30"X18"
I55-56P 30"X18"
ADOPT A HIGHWAY
UW MADISON ITE STUDENT CHAPTER
M13-20
W5-52L 12"X36"
M13-23
MATCHLINE STA 366+00
270+00
275+00
280+00
285+00
290+00
295+00
MATZ ROAD
MATCHLINE STA 396+50
STH 19
INDIAN LAKE PARK ENTRANCE
M13-27
I55-56 30"X18"
I55-56P 30"X18"
SKILLS USA WAUNAKEE CHAPTER
N
M13-16
W11-6 30"X30"
R13-13
REMOVE
ICE AGE NATIONAL SCENIC TRAIL
66"X36"
M13-18
M13-21
STOP
R1-1 30"X30"
W5-52R 12"X36"
M13-24
W5-52L 12"X36"
M13-26
REMOVE
30 MPH
REMOVE
R13-11
R13-12

SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

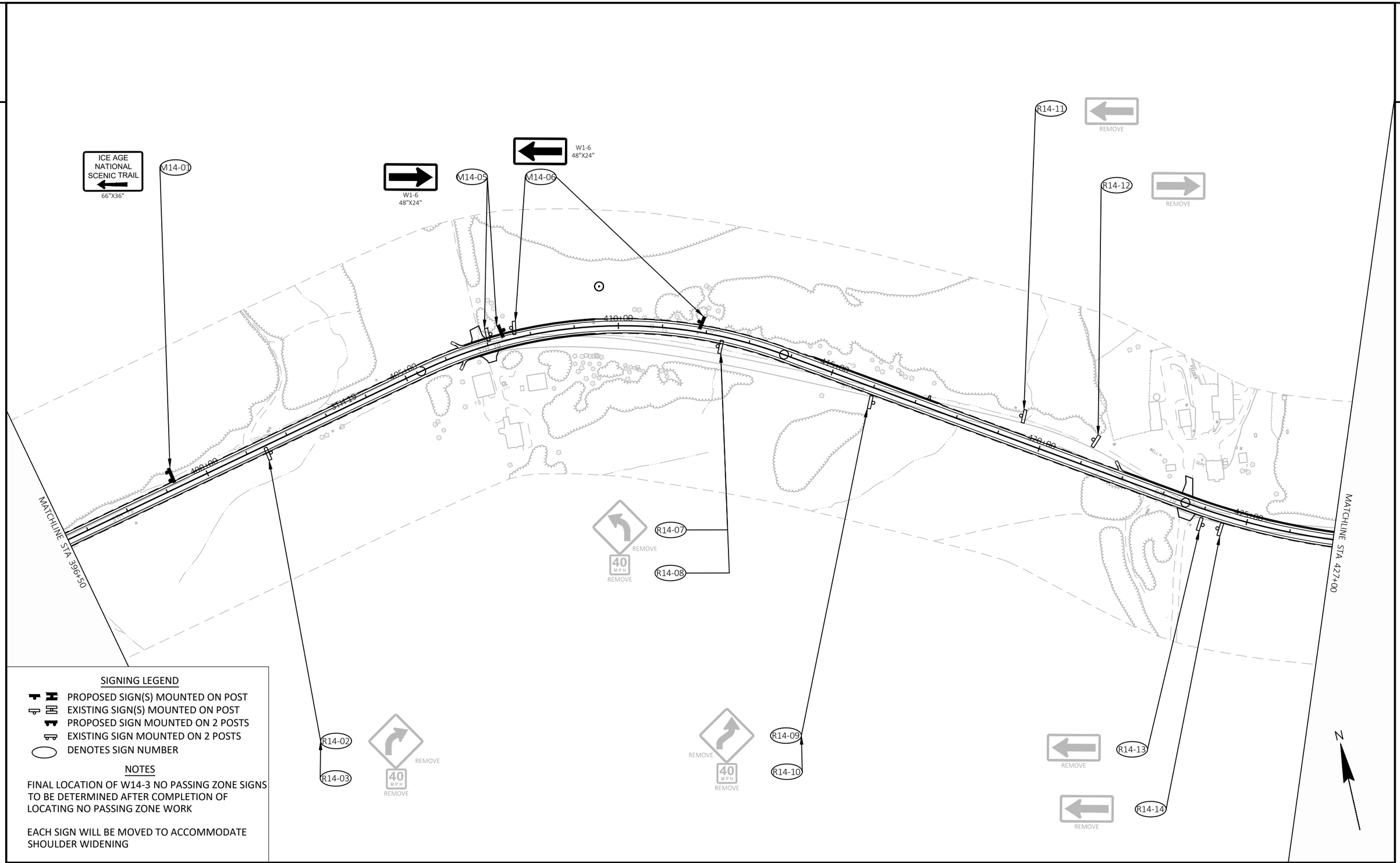
NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 95	E

2



SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

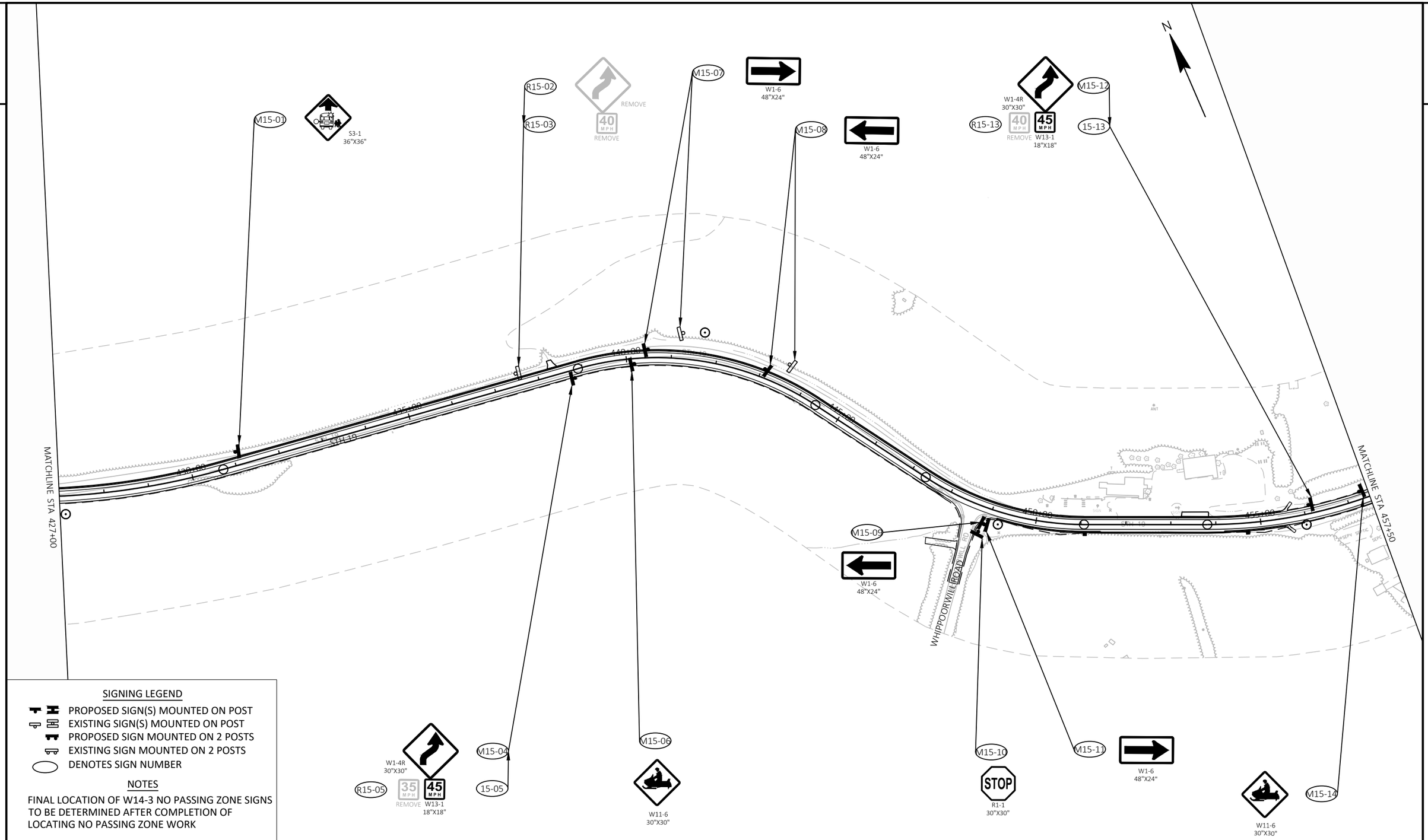
FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 96	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (14)
PLOT DATE : 7/25/2023 1:19 PM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2



SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

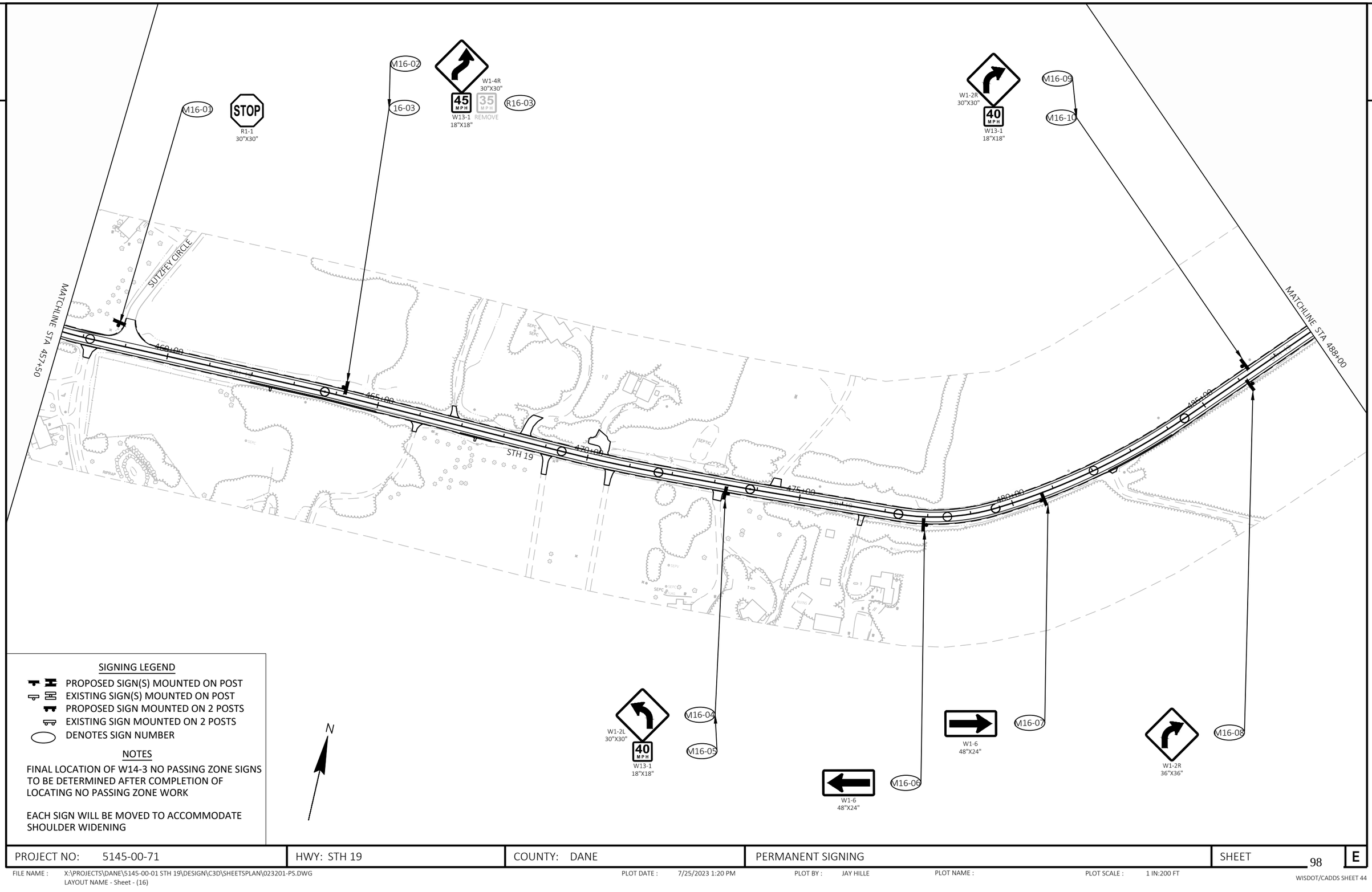
NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 97	E

2



SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 98	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (16)
PLOT DATE : 7/25/2023 1:20 PM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 44

2

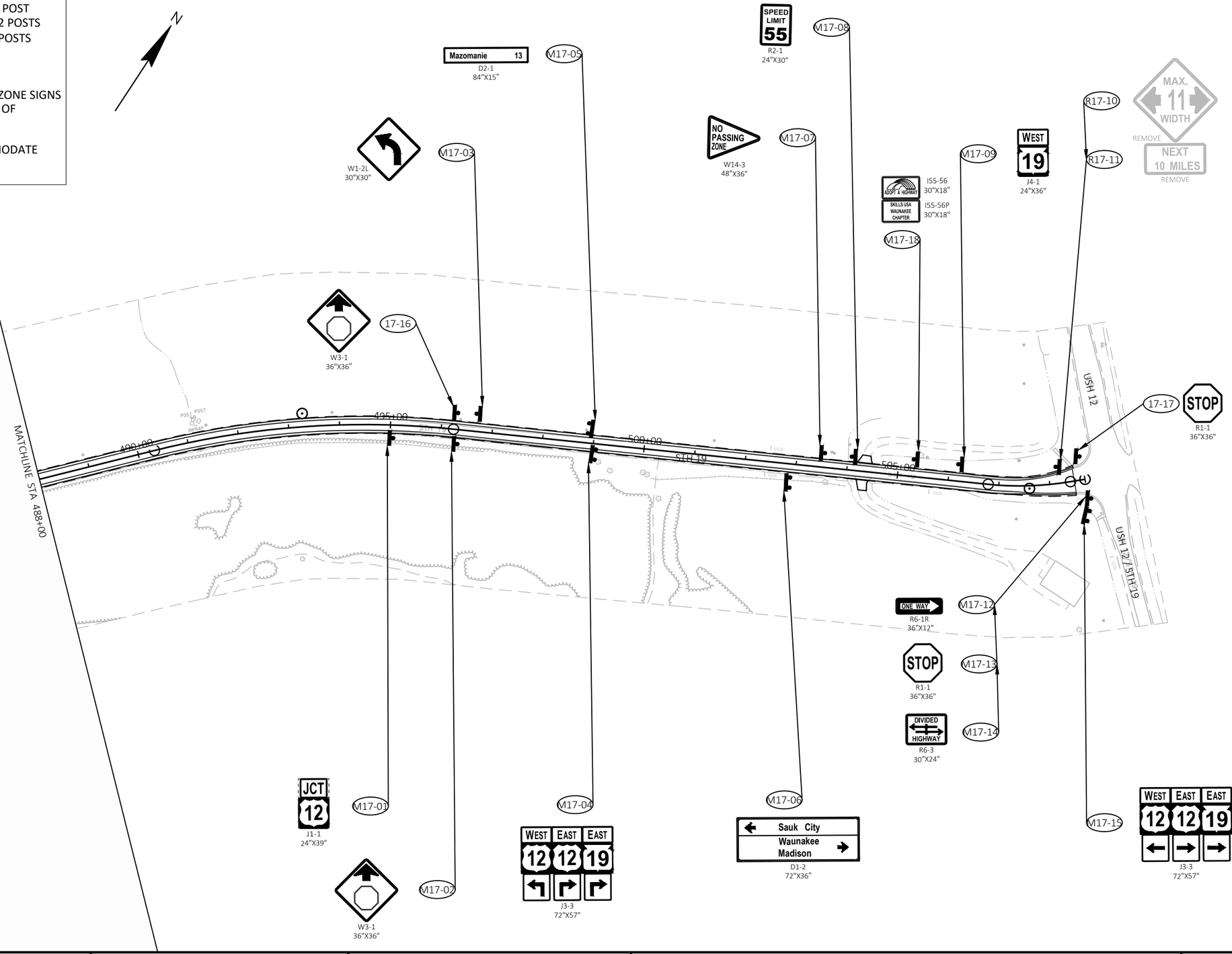
SIGNING LEGEND

- PROPOSED SIGN(S) MOUNTED ON POST
- EXISTING SIGN(S) MOUNTED ON POST
- PROPOSED SIGN MOUNTED ON 2 POSTS
- EXISTING SIGN MOUNTED ON 2 POSTS
- DENOTES SIGN NUMBER

NOTES

FINAL LOCATION OF W14-3 NO PASSING ZONE SIGNS TO BE DETERMINED AFTER COMPLETION OF LOCATING NO PASSING ZONE WORK

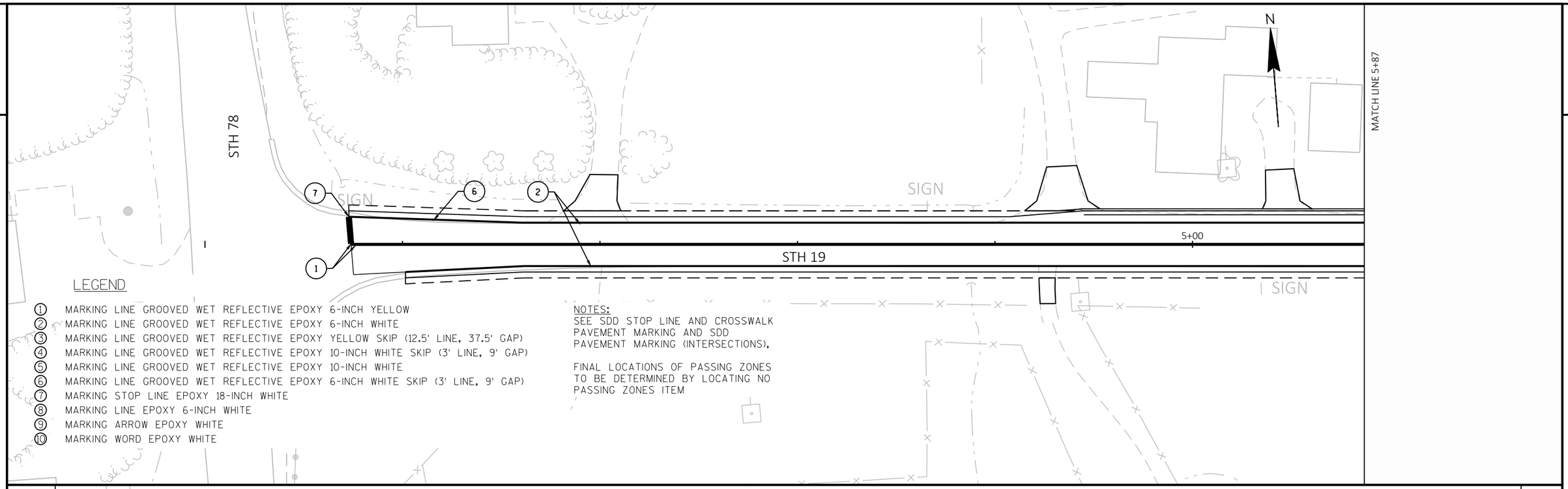
EACH SIGN WILL BE MOVED TO ACCOMMODATE SHOULDER WIDENING



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PERMANENT SIGNING	SHEET 99	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - Sheet - (17)

PLOT DATE : 7/25/2023 1:20 PM PLOT BY : JAY HILLE PLOT NAME : PLOT SCALE : 1 IN:200 FT

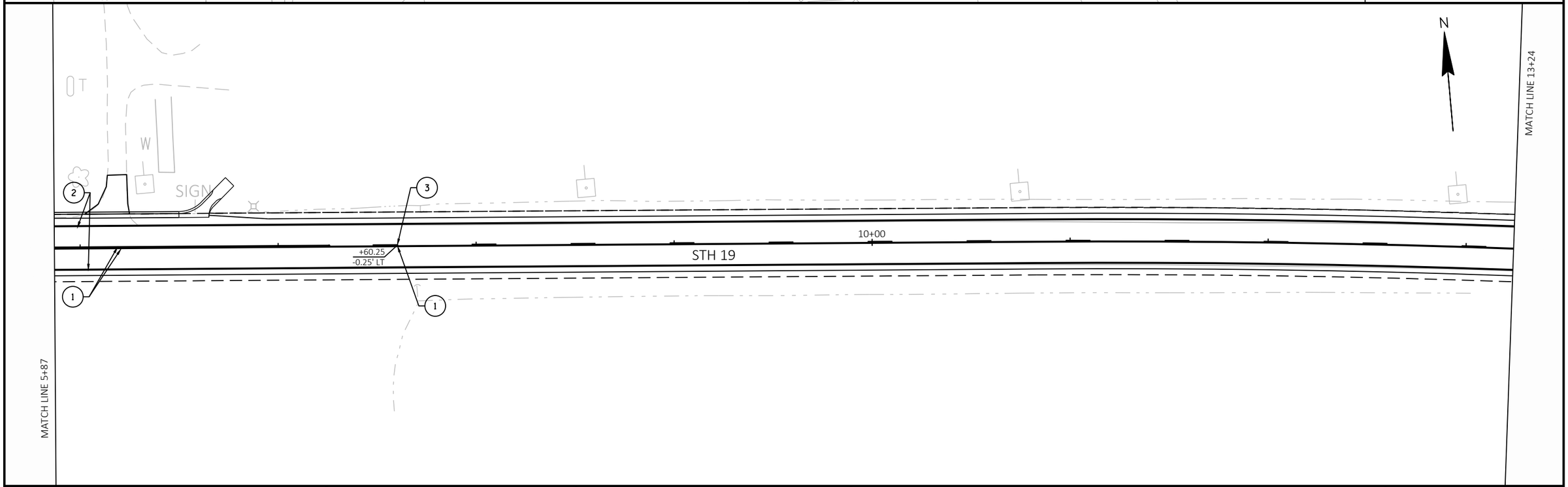


LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 100	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-1

PLOT DATE : 10/26/2023 4:08 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

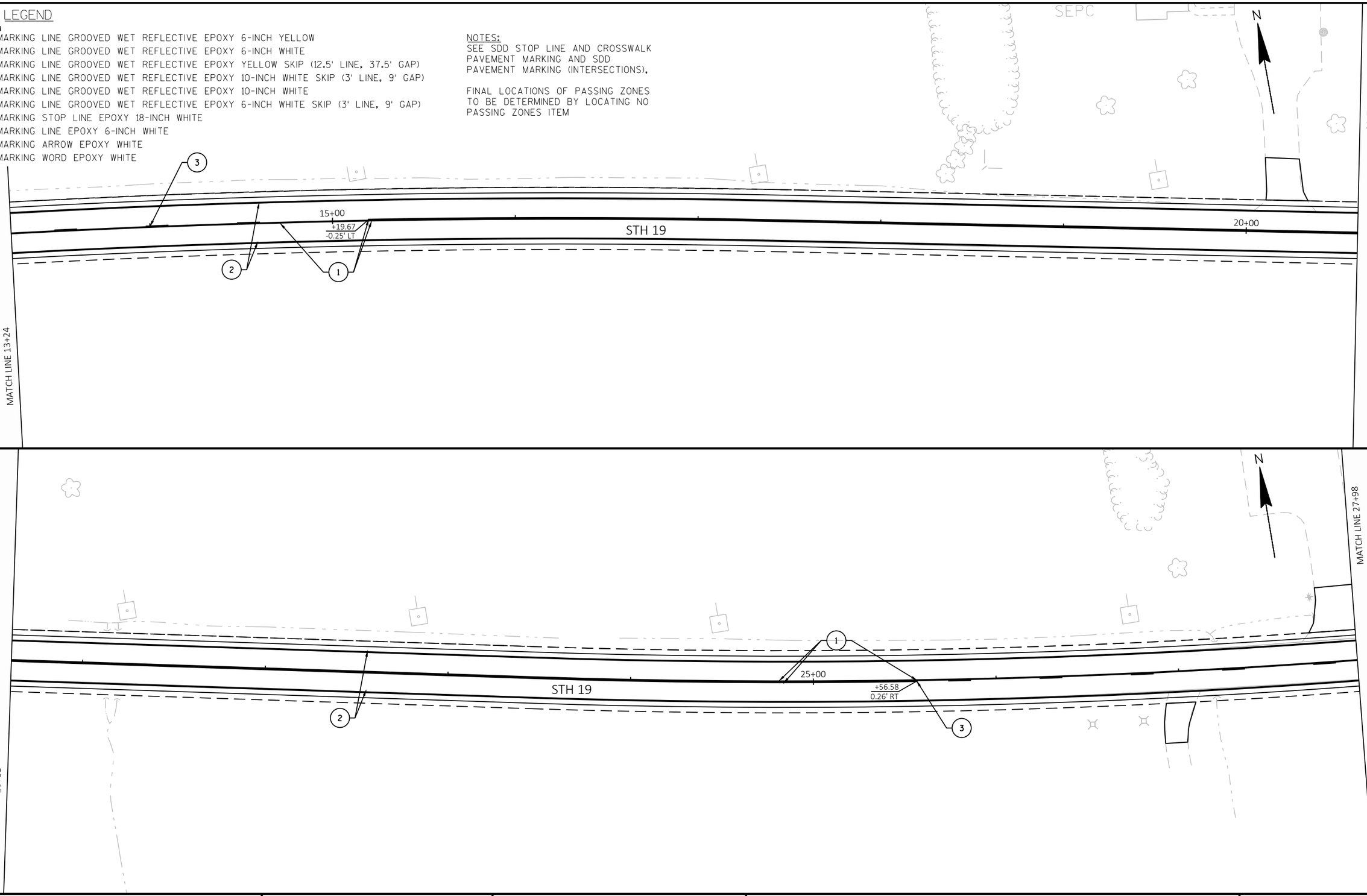
2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



2

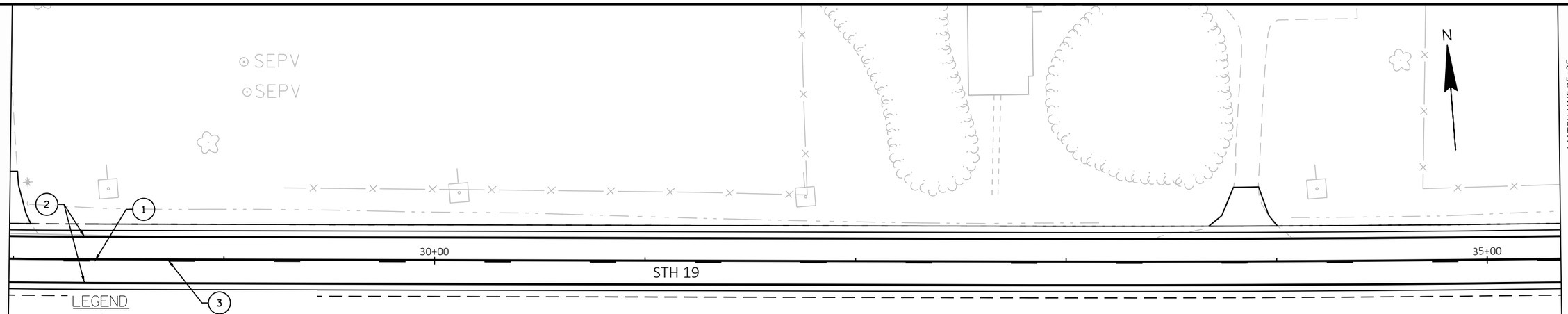
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 101	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-2

PLOT DATE : 10/26/2023 4:08 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

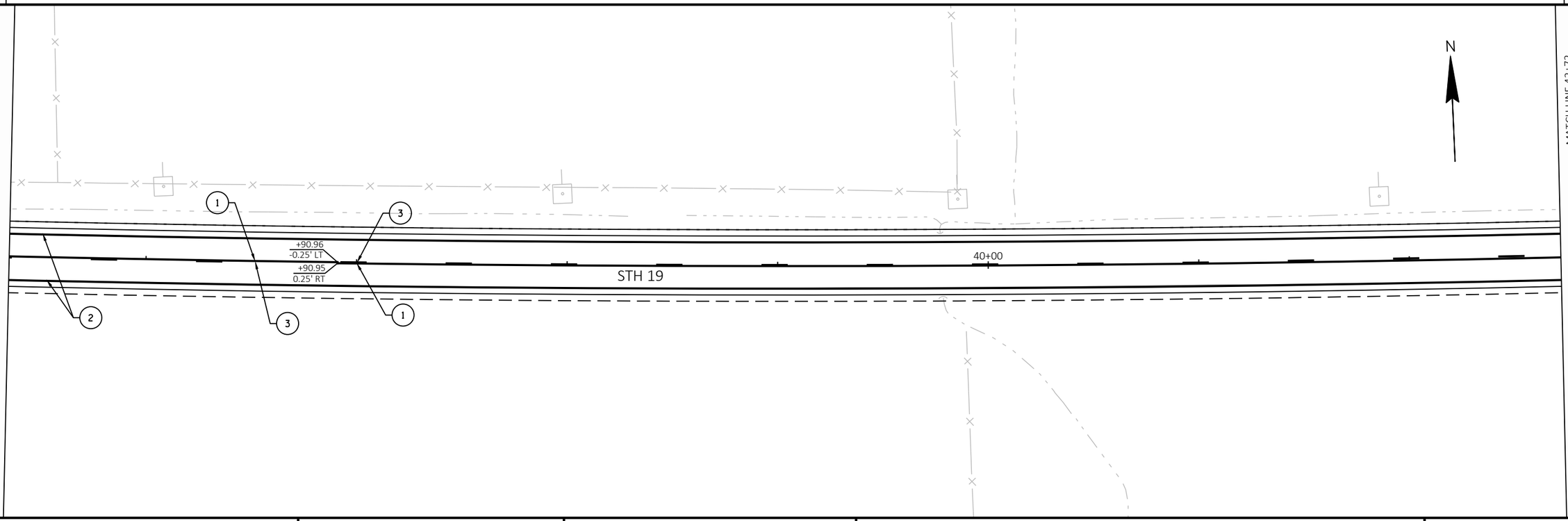


LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
⑥ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
⑦ MARKING STOP LINE EPOXY 18-INCH WHITE
⑧ MARKING LINE EPOXY 6-INCH WHITE
⑨ MARKING ARROW EPOXY WHITE
⑩ MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

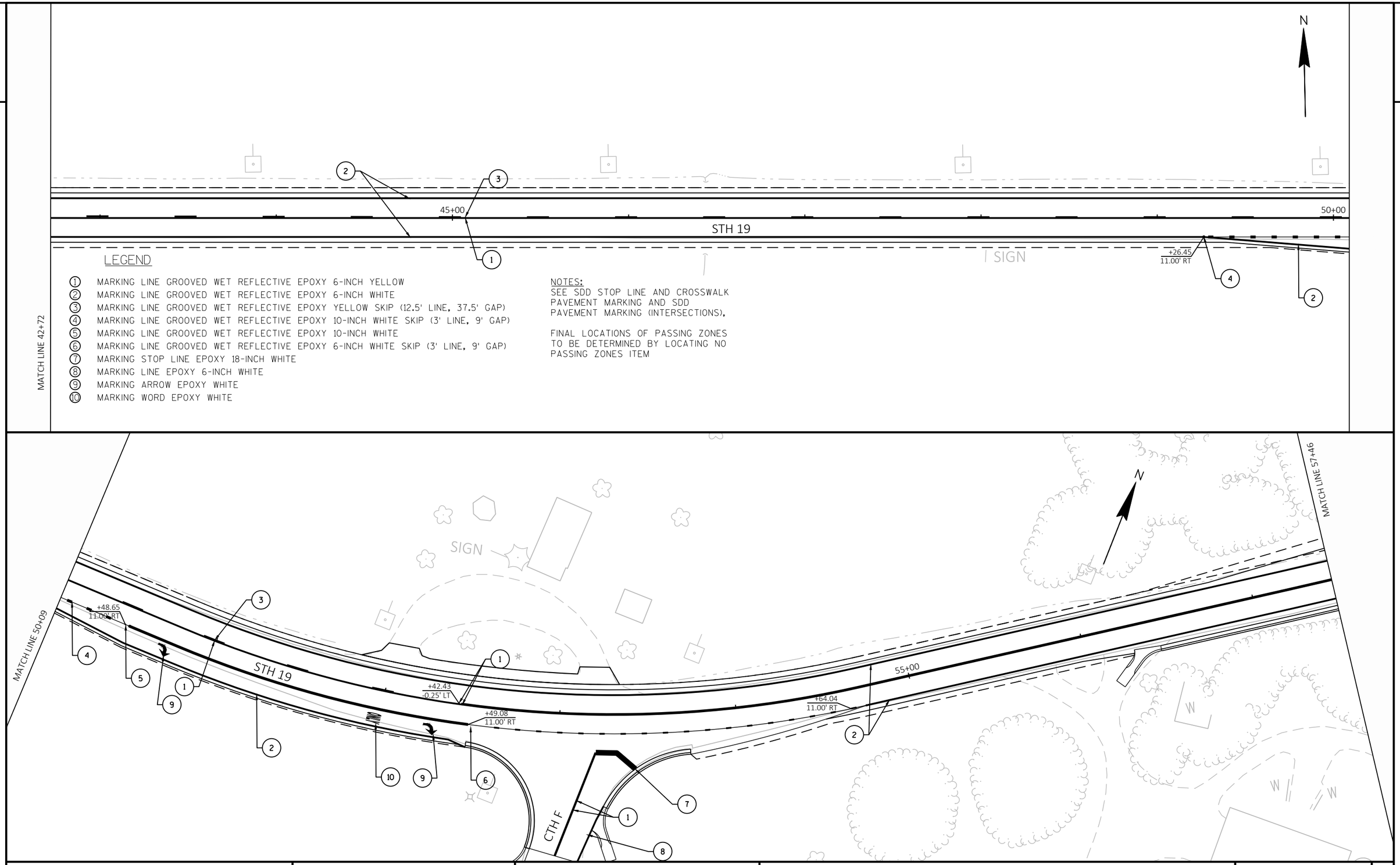
FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 102	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-3
PLOT DATE : 10/26/2023 4:09 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



LEGEND

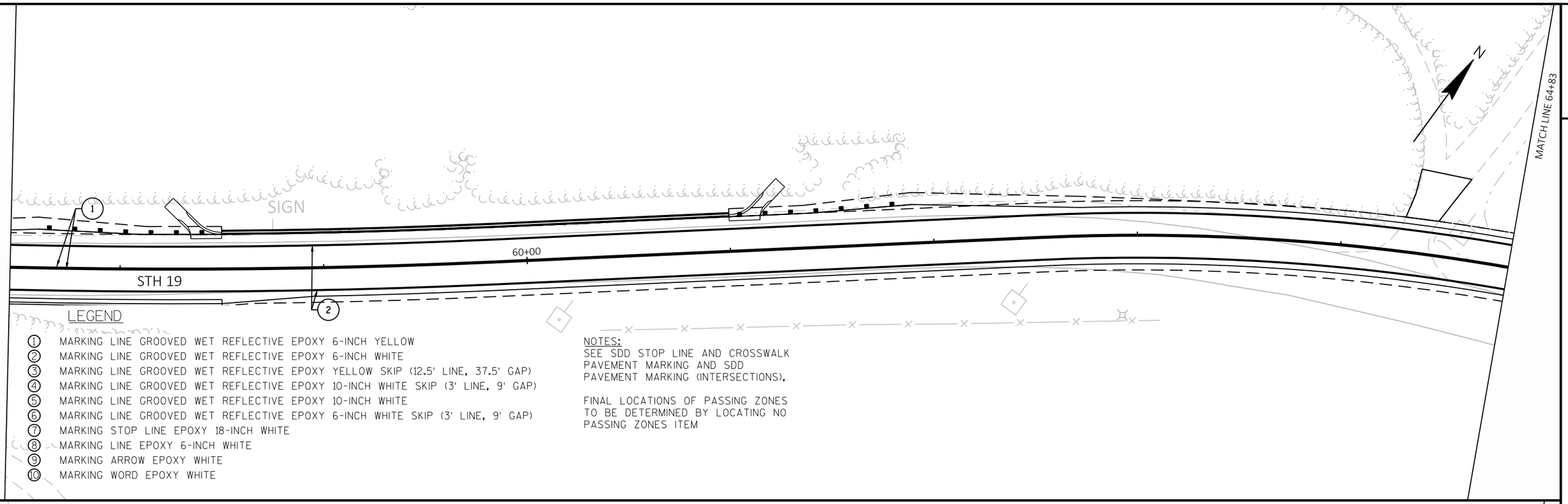
1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 103	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-4
PLOT DATE : 10/26/2023 4:09 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

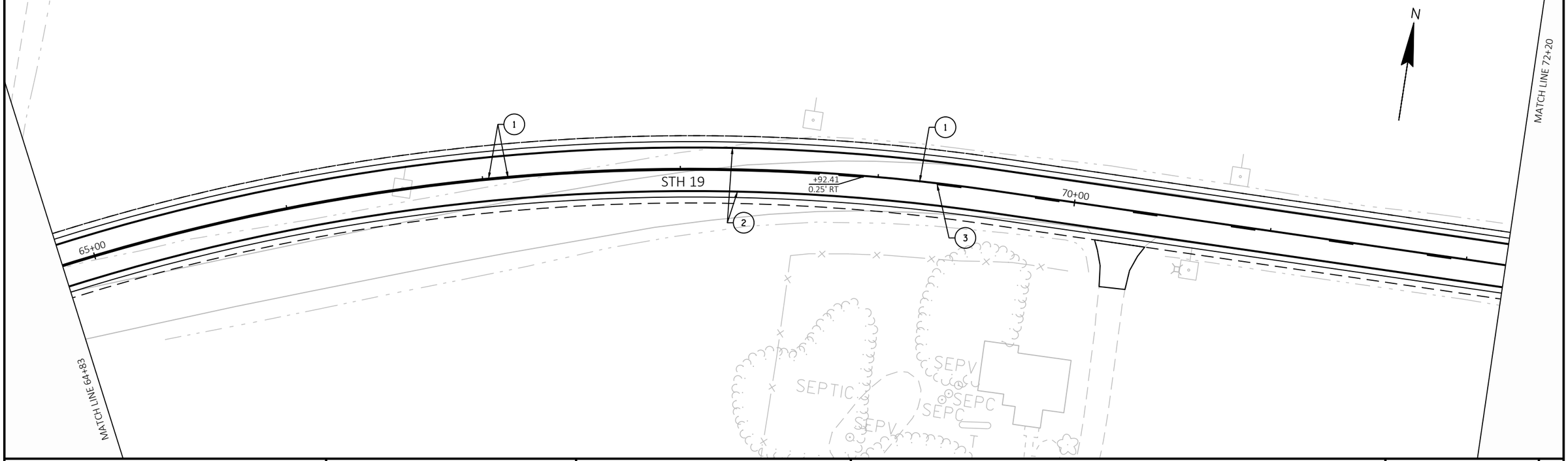


LEGEND

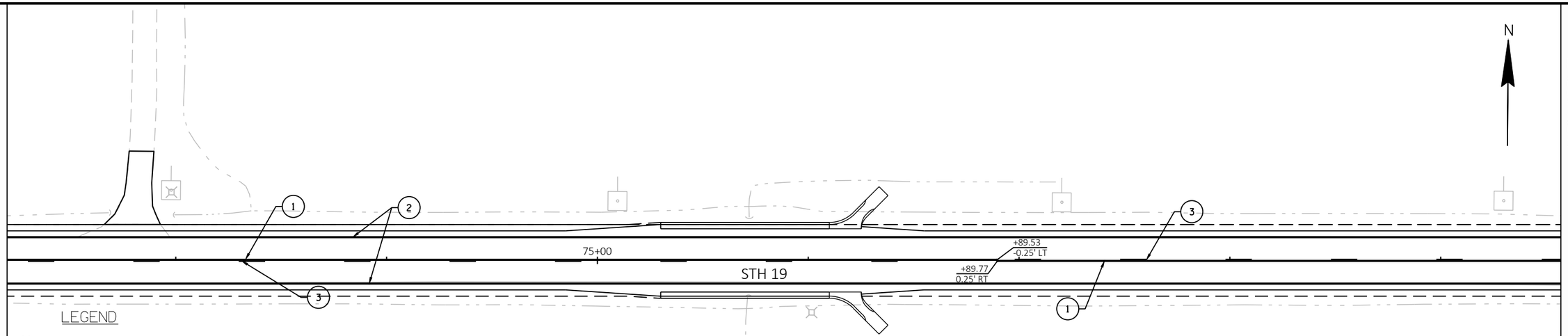
1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 104	E

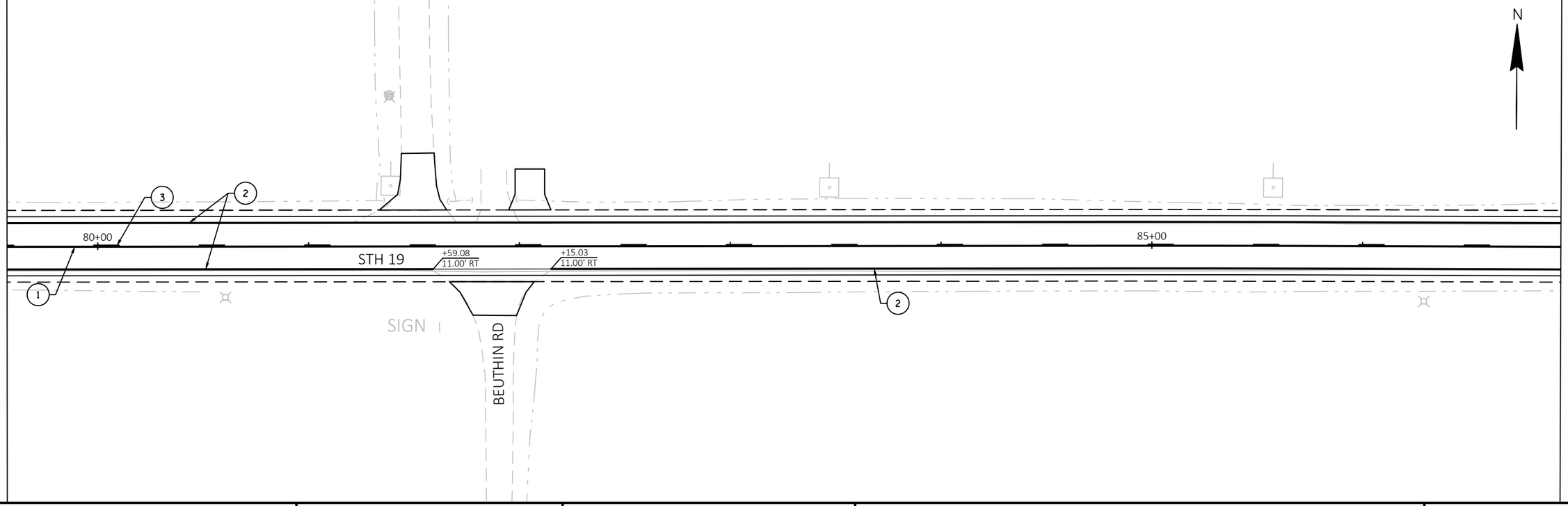


LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
⑥ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
⑦ MARKING STOP LINE EPOXY 18-INCH WHITE
⑧ MARKING LINE EPOXY 6-INCH WHITE
⑨ MARKING ARROW EPOXY WHITE
⑩ MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

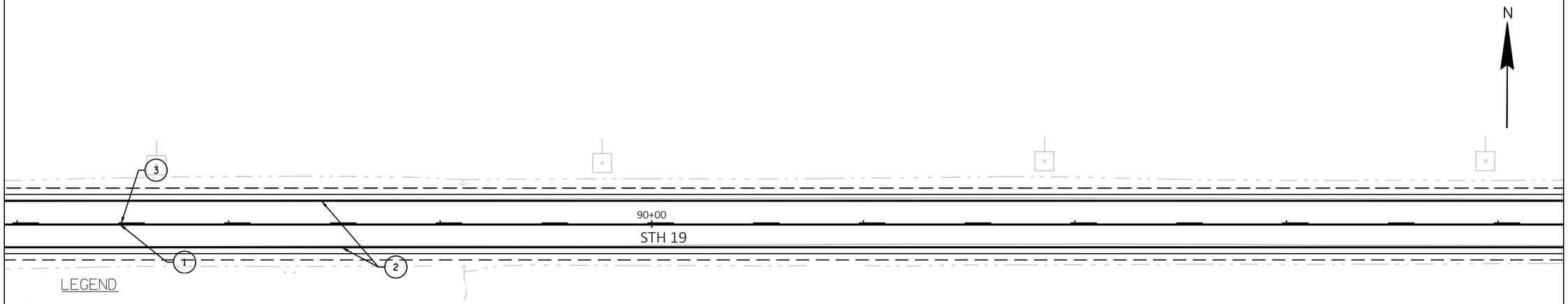
FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 105	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-6
PLOT DATE : 10/26/2023 4:09 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

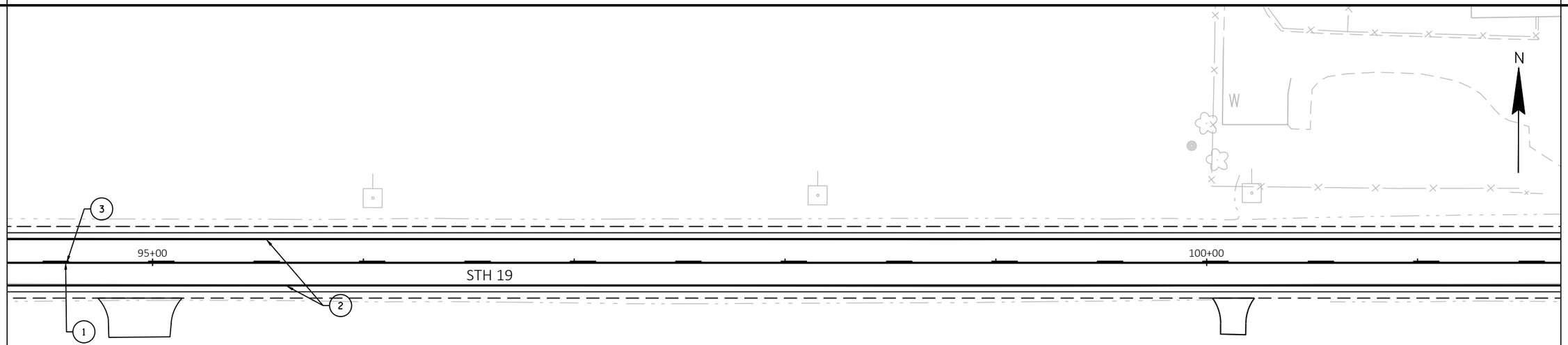


LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

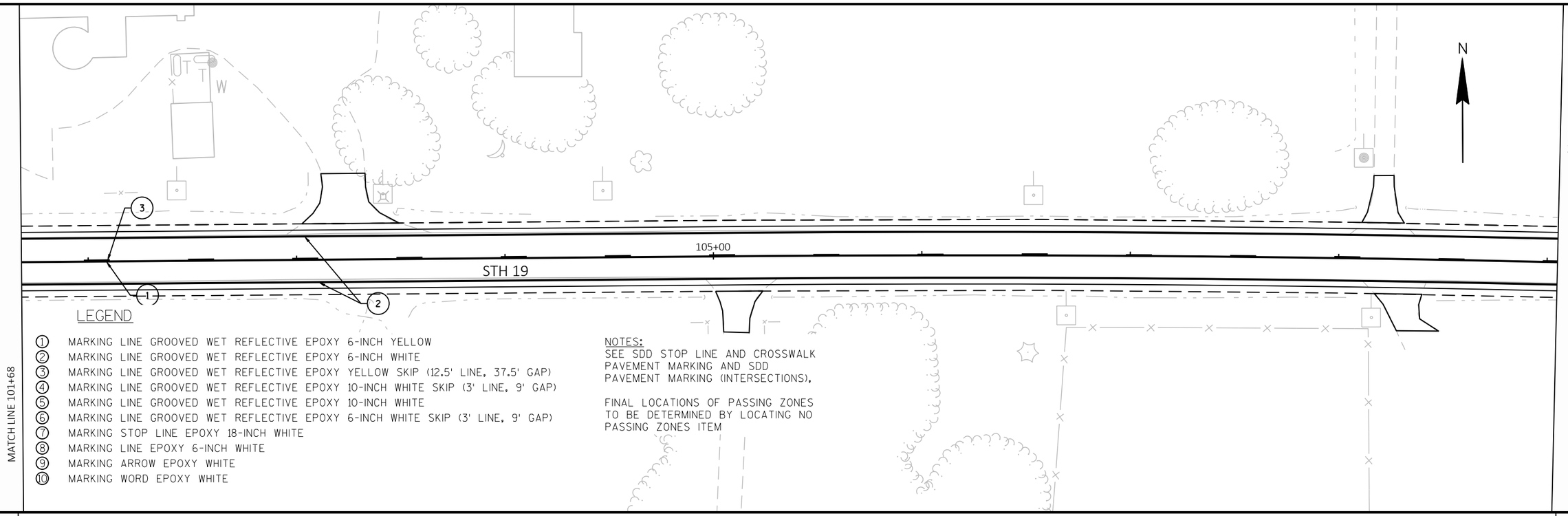
FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 106	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-7

PLOT DATE : 10/26/2023 4:10 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

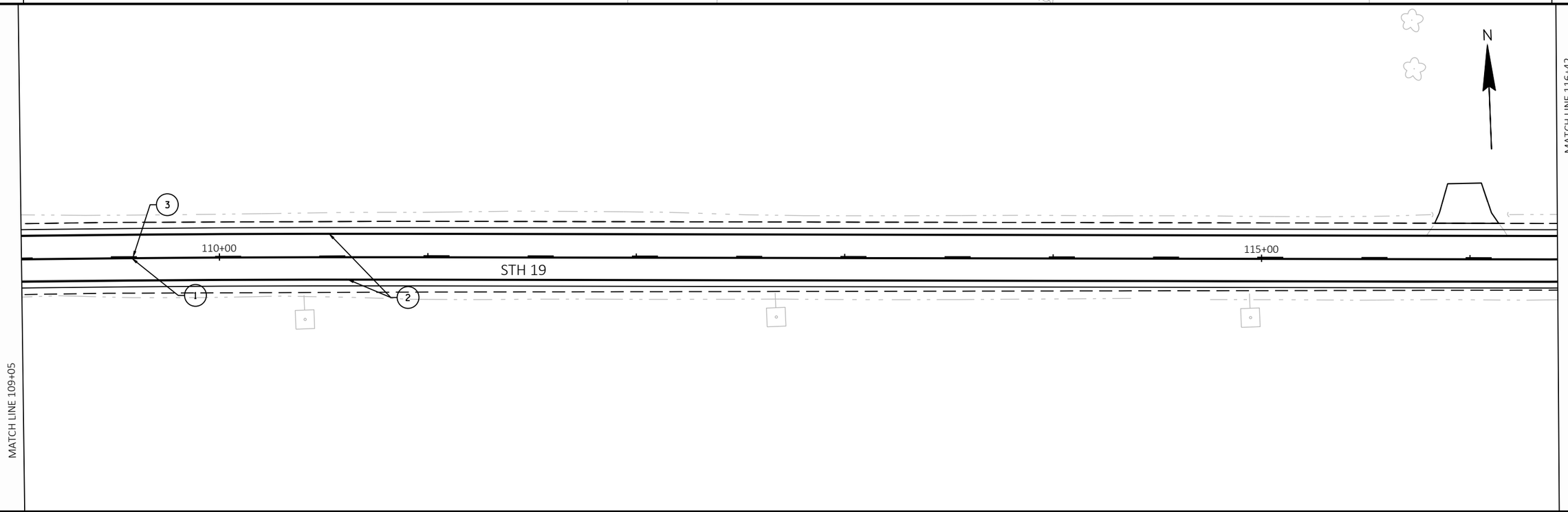


LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

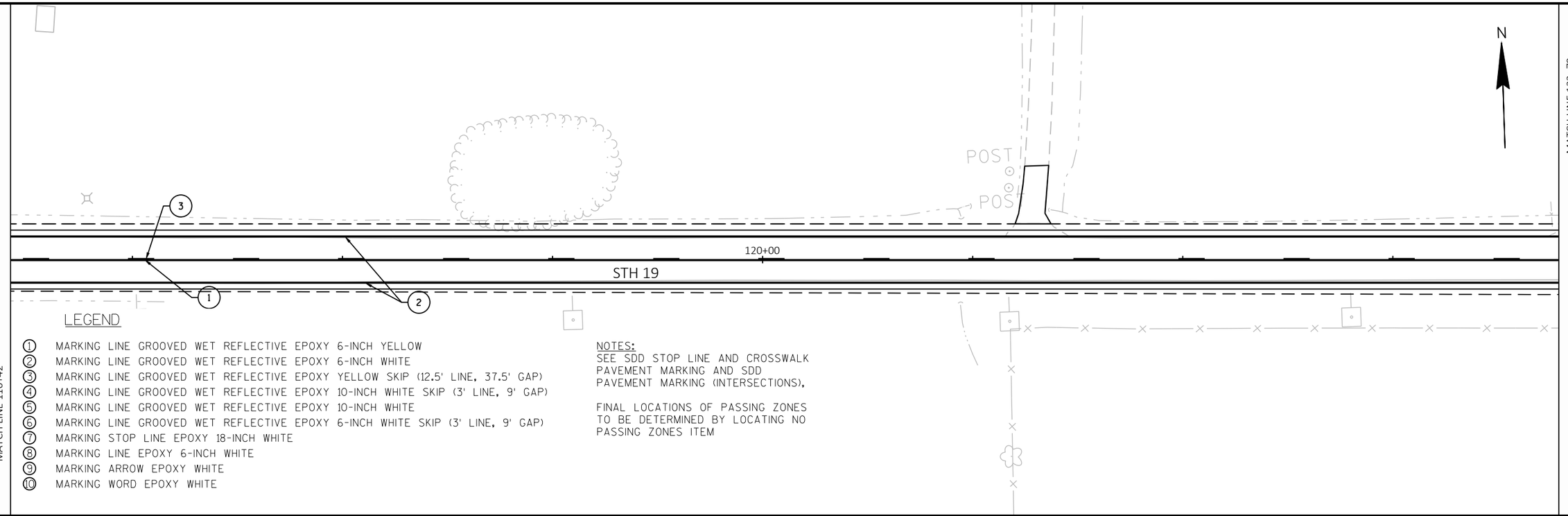
NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 107	E

2

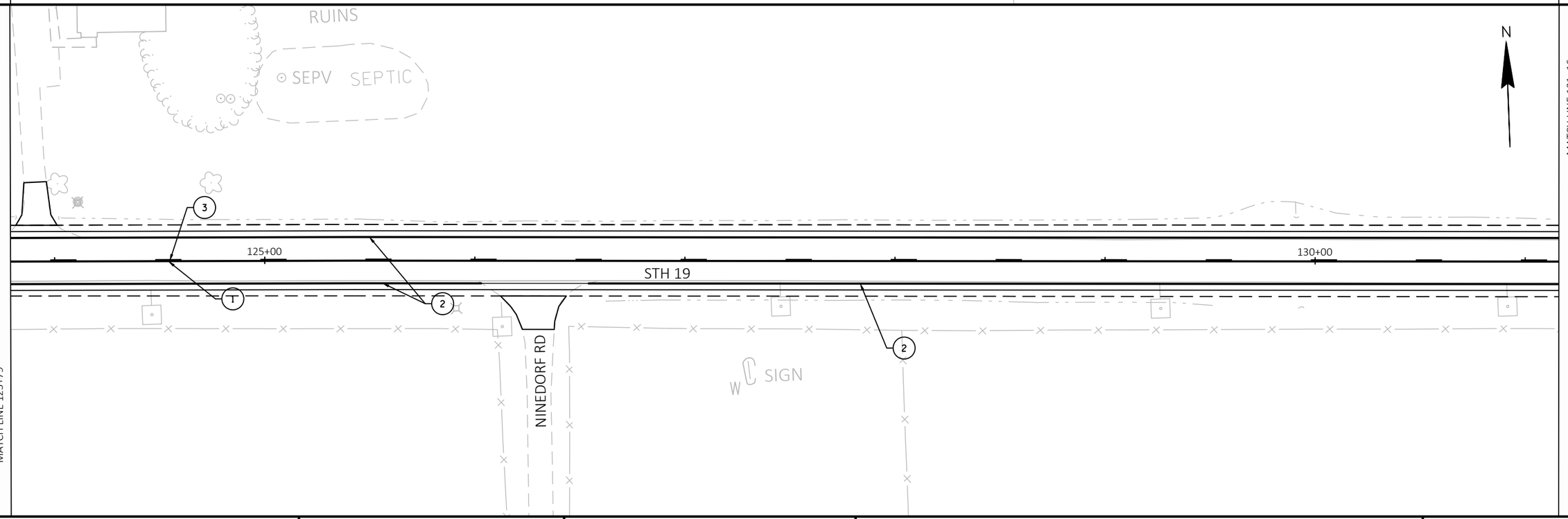


LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 108	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-9

PLOT DATE : 10/26/2023 4:10 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

BROCKMANN VALLEY RD

N

MATCH LINE 138+53

2

3

2

135+00

STH 19

1

2

MATCH LINE 131+16

LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
⑥ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
⑦ MARKING STOP LINE EPOXY 18-INCH WHITE
⑧ MARKING LINE EPOXY 6-INCH WHITE
⑨ MARKING ARROW EPOXY WHITE
⑩ MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

N

MATCH LINE 145+90

3

140+00

145+00

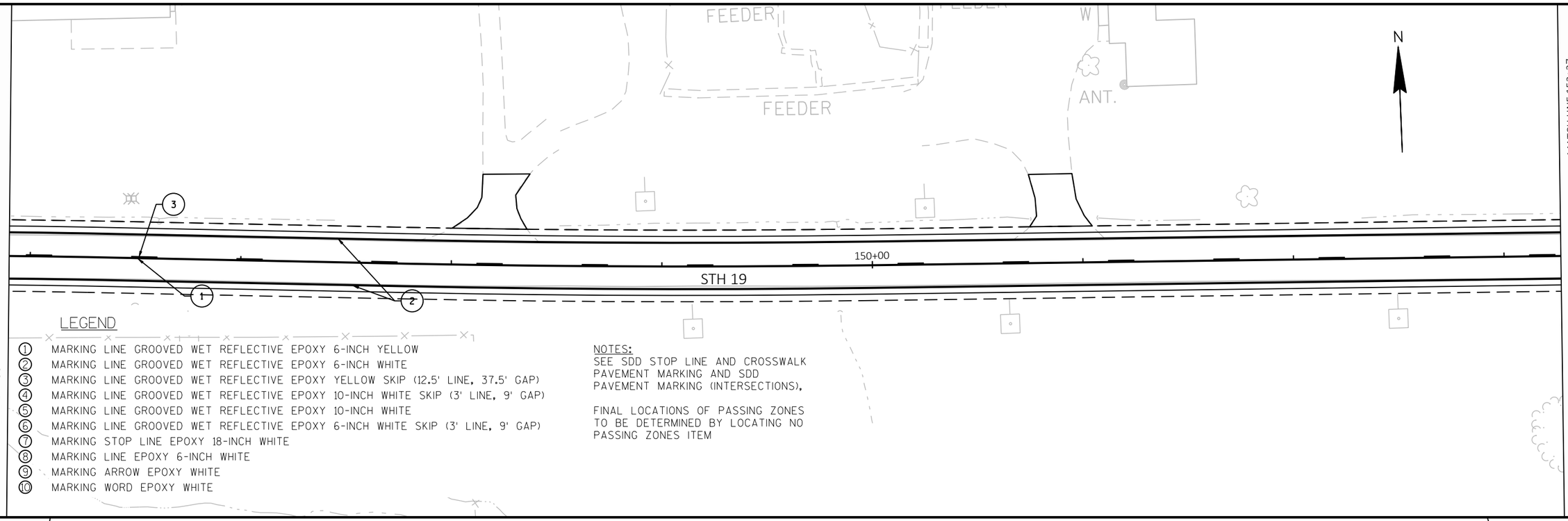
STH 19

1

2

MATCH LINE 138+53

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 109	E



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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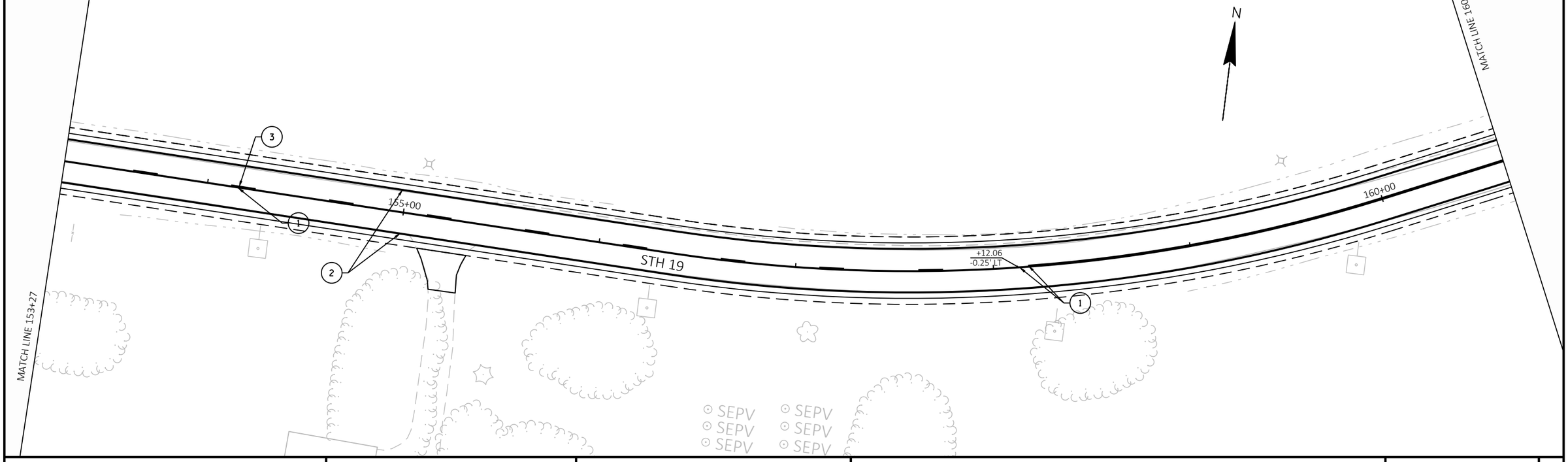
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

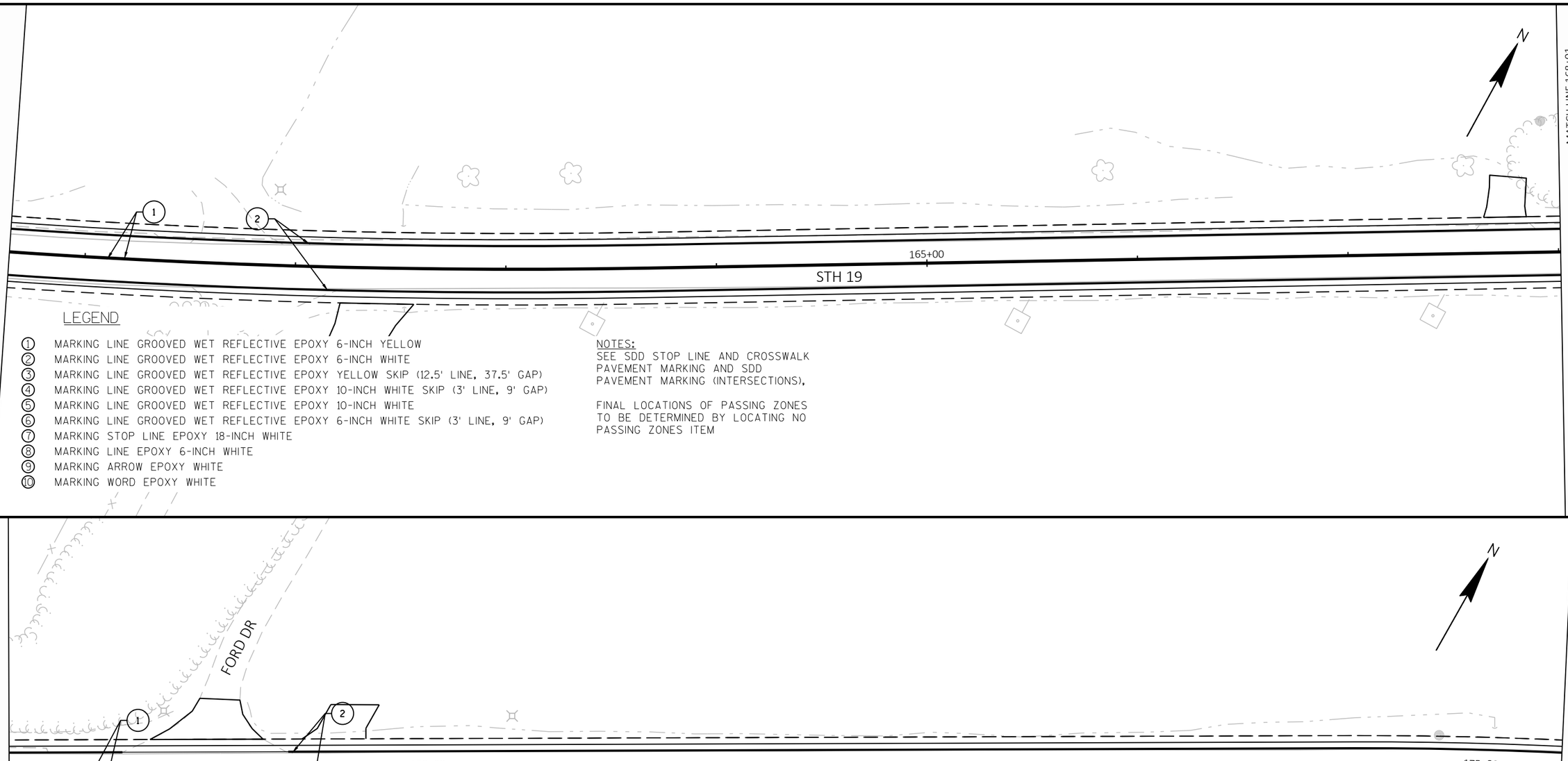


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 110	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-11

PLOT DATE : 10/26/2023 4:11 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

2



2

LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
⑥ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
⑦ MARKING STOP LINE EPOXY 18-INCH WHITE
⑧ MARKING LINE EPOXY 6-INCH WHITE
⑨ MARKING ARROW EPOXY WHITE
⑩ MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 111	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-12
PLOT DATE : 10/26/2023 4:11 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

OLD SETTLERS RD

FLAG

W

N

MATCH LINE 182+75

2

2

+01.34
-11.01' LT

1

+18.65
-11.00' LT

2

180+00

STH 19

MATCH LINE 175+38

N

MATCH LINE 190+12

2

1

185+00

STH 19

190+00

SIGN

POST

POST

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 112	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-13

PLOT DATE : 10/26/2023 4:11 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

JACOBY DR

+25.44
11.00' LT

+07.59
11.00' LT

STH 19

NOTE: NO GROOVED EPOXY ON BRIDGE DECK

195+00

N

MATCH LINE 197+49

2

MATCH LINE 190+12

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

FLAG
SEPV
SEPC
POST

200+00

STH 19

MATCH LINE 204+86

MATCH LINE 197+49

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 113	E

2

MATCH LINE 204+86

MATCH LINE 212+23

2

N

205+00

210+00

STH 19

1

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

N

MATCH LINE 219+60

MATCH LINE 212+23

1

2

215+00

STH 19

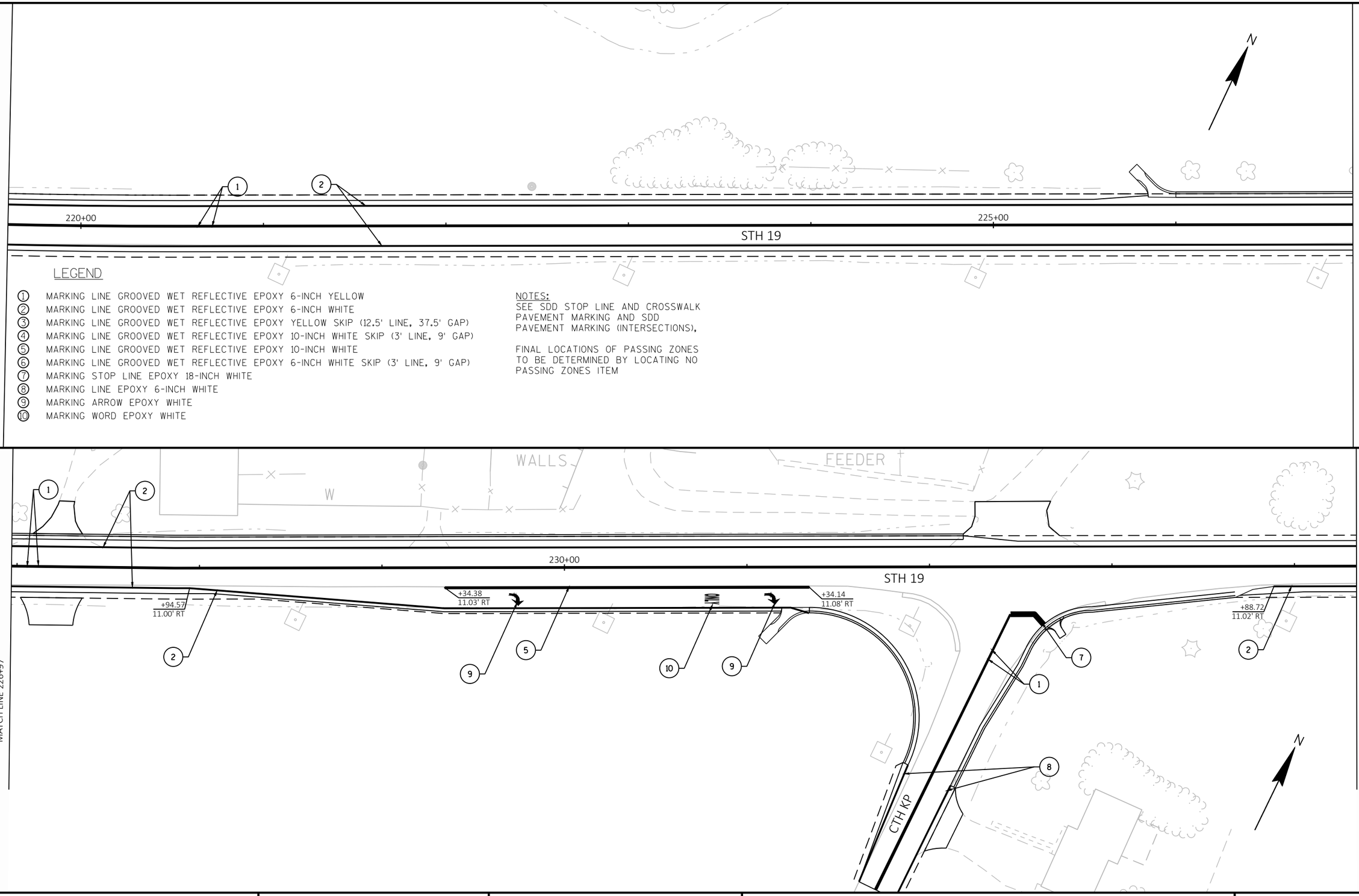
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 114	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-15

PLOT DATE : 10/26/2023 4:12 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2



LEGEND

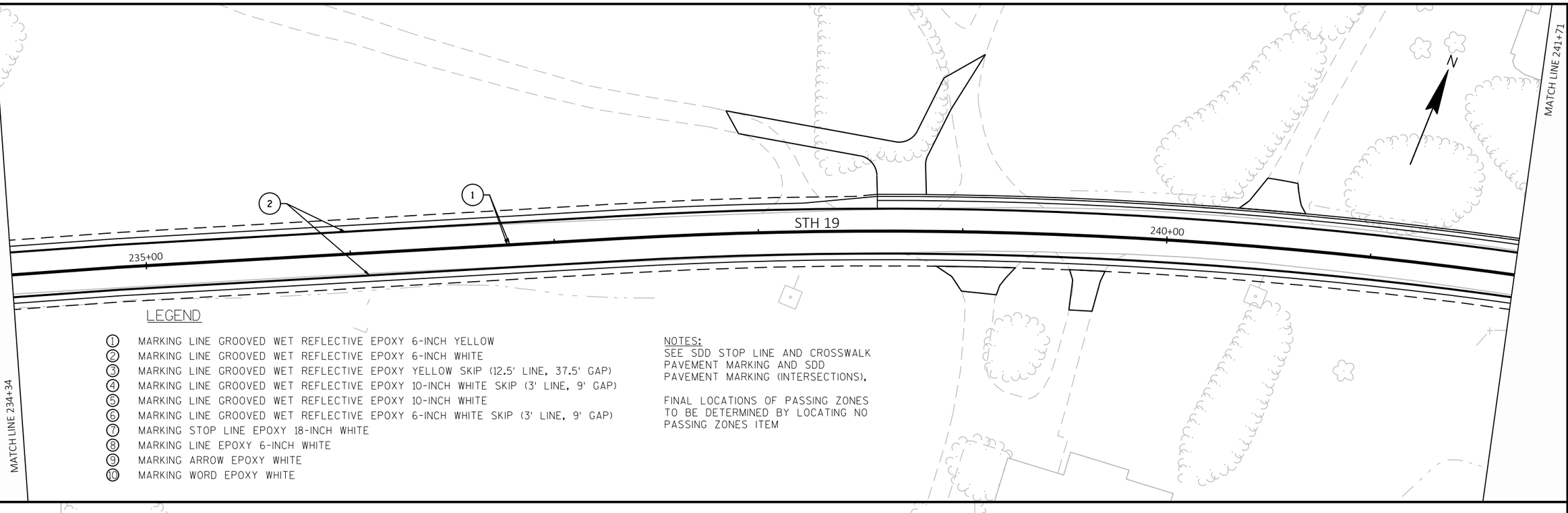
1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 115	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-16
PLOT DATE : 10/26/2023 4:12 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

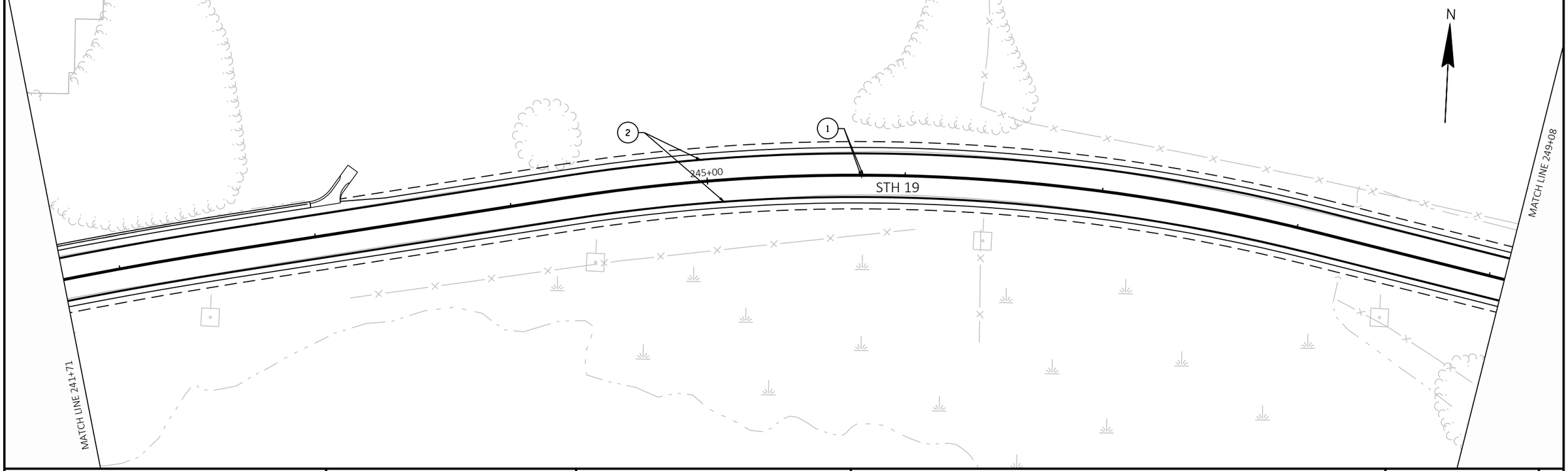


LEGEND

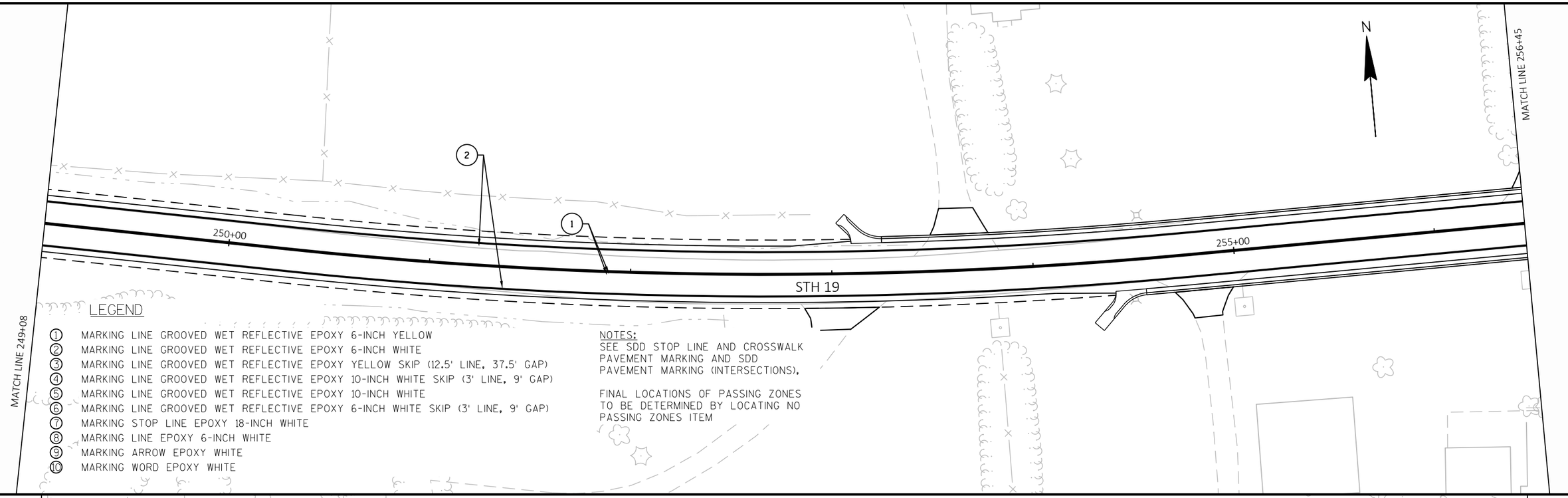
1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 116	E



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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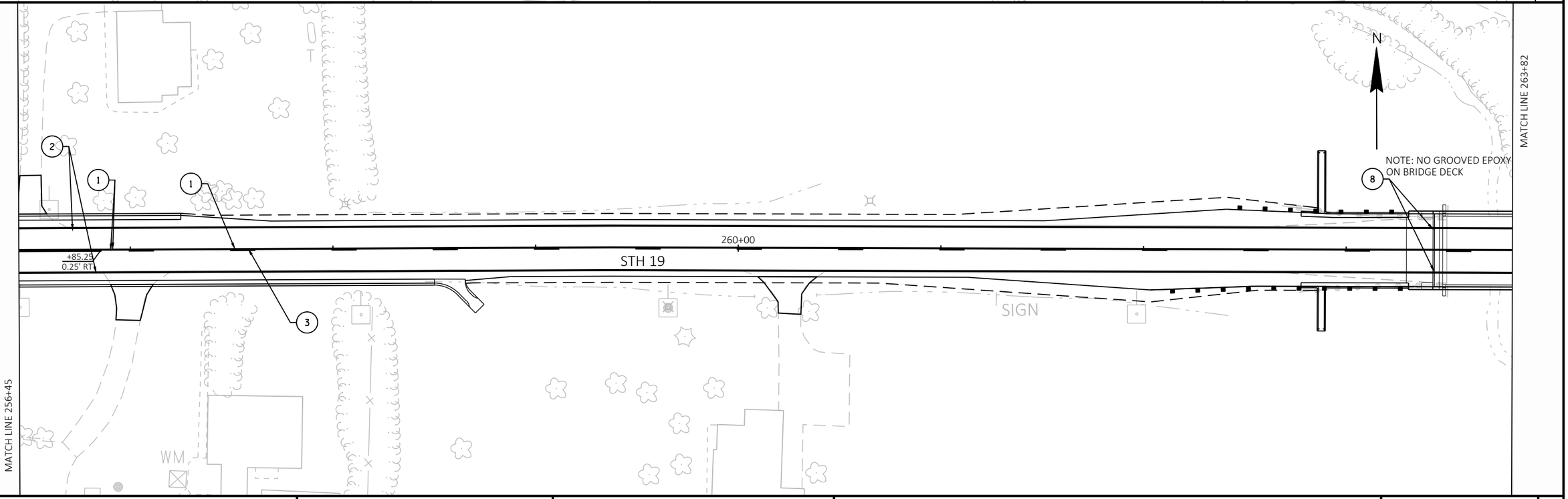
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 117	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-18

PLOT DATE : 10/26/2023 4:12 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

NOTE: NO GROOVED EPOXY ON BRIDGE DECK

265+00

+44.14
-0.25' LT

STH 19

270+00
+00
0.25' RT

N

MATCH LINE 263+82

MATCH LINE 271+19

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

MATCH LINE 271+19

MATCH LINE 278+56

CTH KP

+32.98
-15.00' LT

+60.99
-11.00' LT

+22.68
-11.00' LT

+33.26
0.25' RT

275+00

STH 19

WALLS

FLAG

TANKS

SEPV

FLAG

N

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 118	E

2

MATCH LINE 278+56

N

SIGN

MATCH LINE 285+93

2

1

2

+00
-0.25' LT

+00
0.25' RT

280+00

285+00

STH 19

LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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⑦ MARKING STOP LINE EPOXY 18-INCH WHITE
⑧ MARKING LINE EPOXY 6-INCH WHITE
⑨ MARKING ARROW EPOXY WHITE
⑩ MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

N

MATCH LINE 293+30

1

2

1

3

+46.89
0.25' RT

STH 19

+00
-0.25' LT

290+00

+00
0.26' RT

3

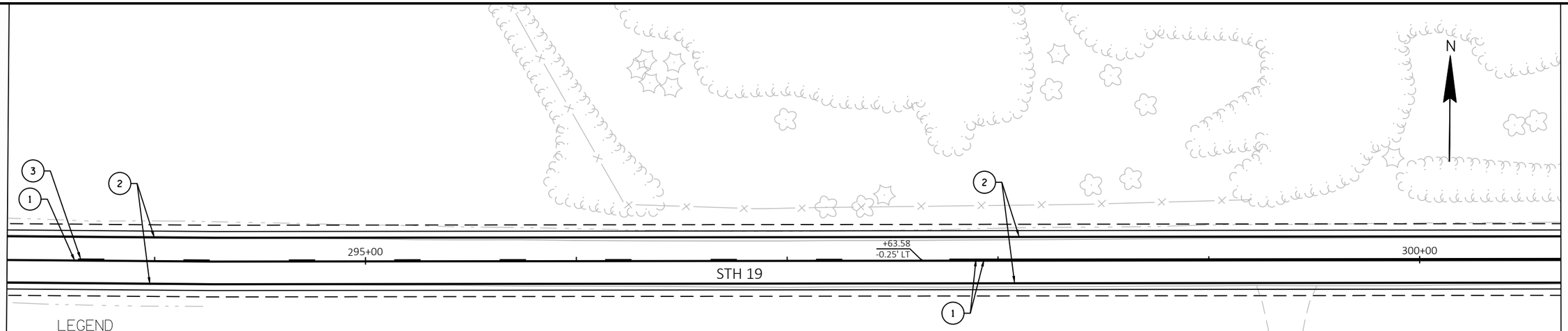
1

MATCH LINE 285+93

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 119	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-20

PLOT DATE : 10/26/2023 4:13 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
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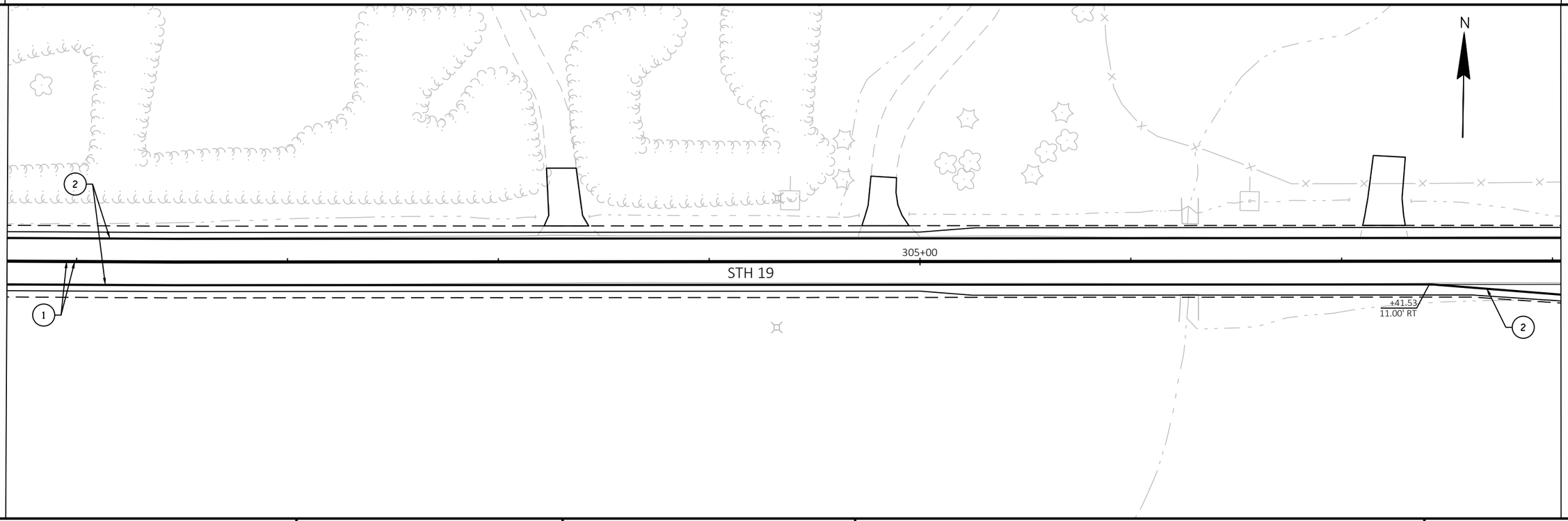
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

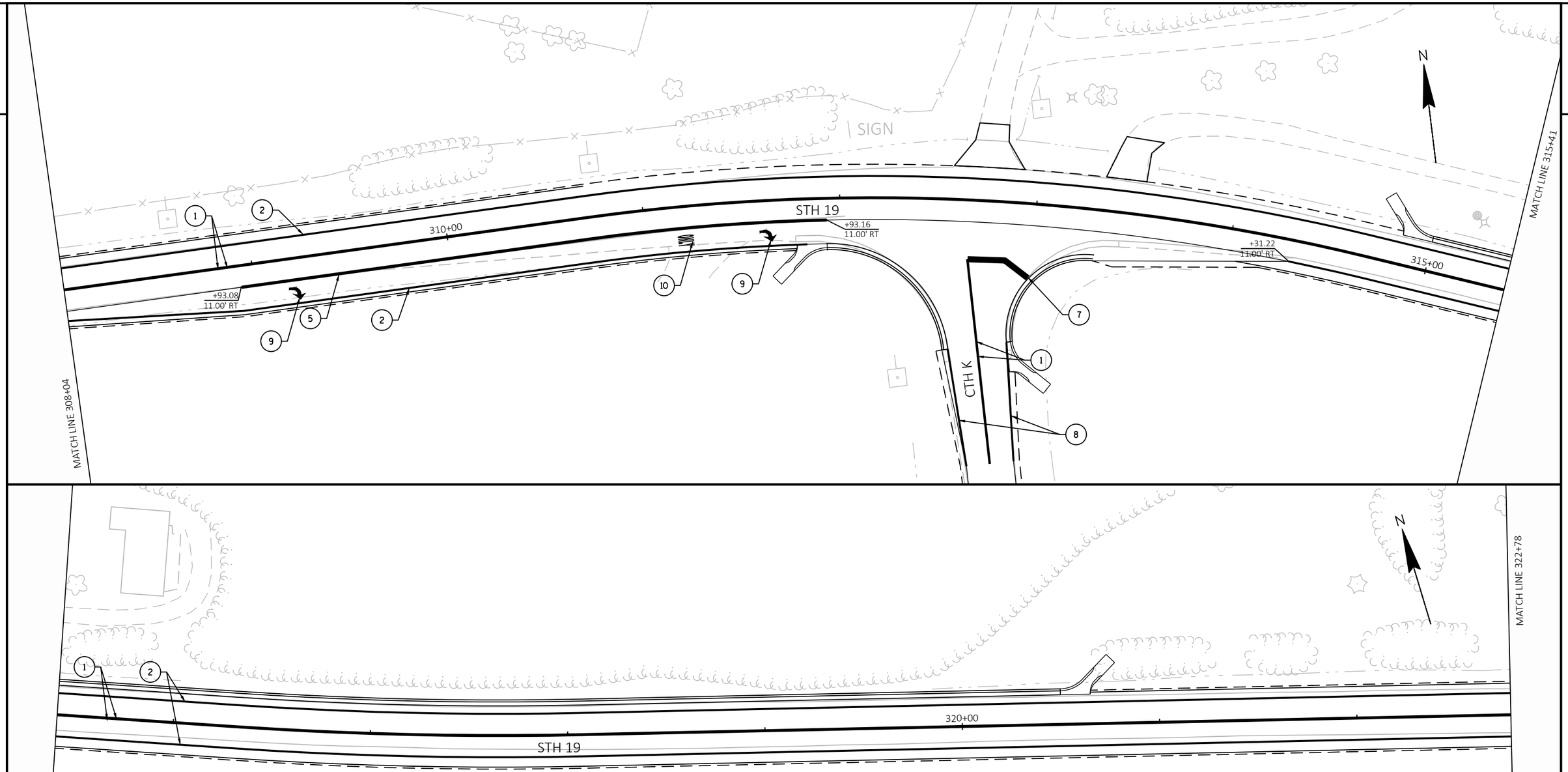
FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 120	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-21

PLOT DATE : 10/26/2023 4:13 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
4. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
5. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 121	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-22
PLOT DATE : 10/26/2023 4:13 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

2

SIGN

1

2

325+00

+35.02
11.01' RT

+31.71
11.00' RT

STH 19

6

+63.02
17.00' RT

2

7

330+00

LILAC LN

MATCH LINE 322+78

MATCH LINE 330+15

N

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
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8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

N

MATCH LINE 337+52

MATCH LINE 330+15

1

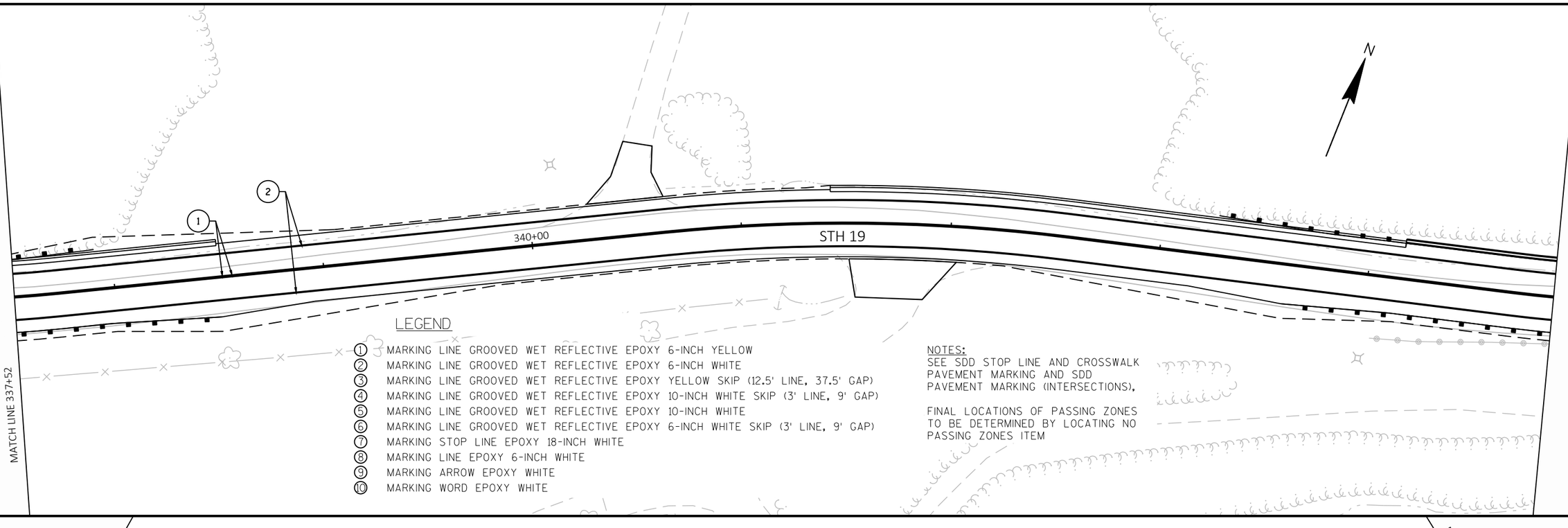
2

335+00

STH 19

RIPRAP

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 122	E



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
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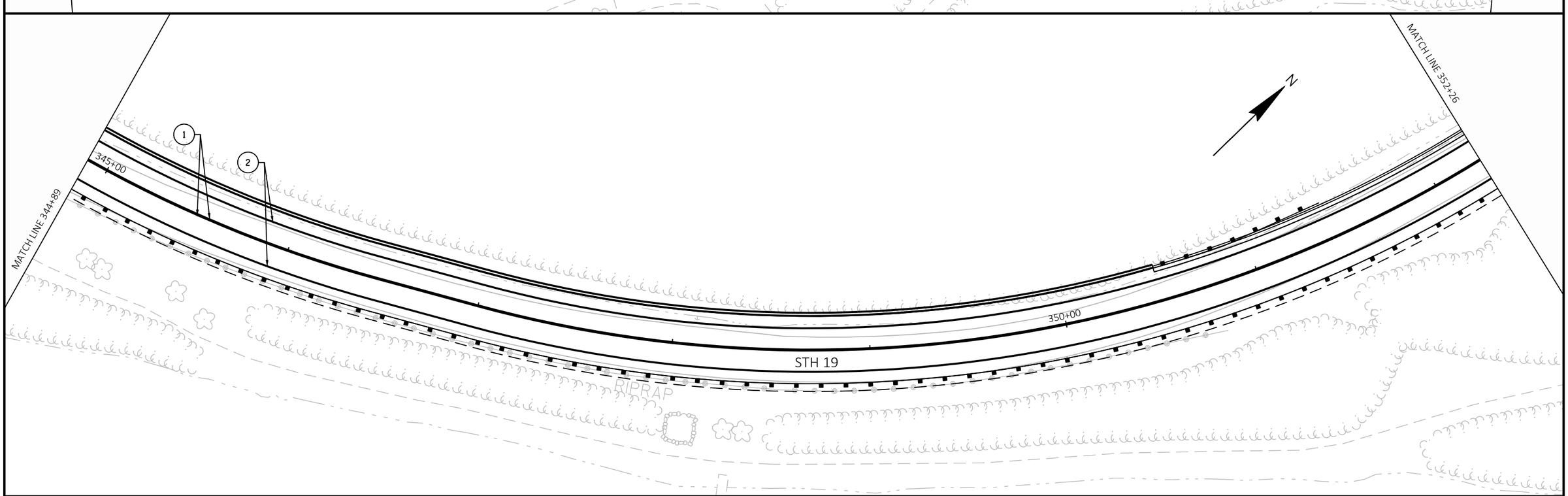
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 123	E

2

2

MATCH LINE 352+26

MATCH LINE 359+63

355+00

STH 19

1

2

LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

MATCH LINE 359+63

MATCH LINE 367+00

WORK RD

365+00

STH 19

+32.52
11.00' LT

+61.07
11.00' LT

360+00

1

2

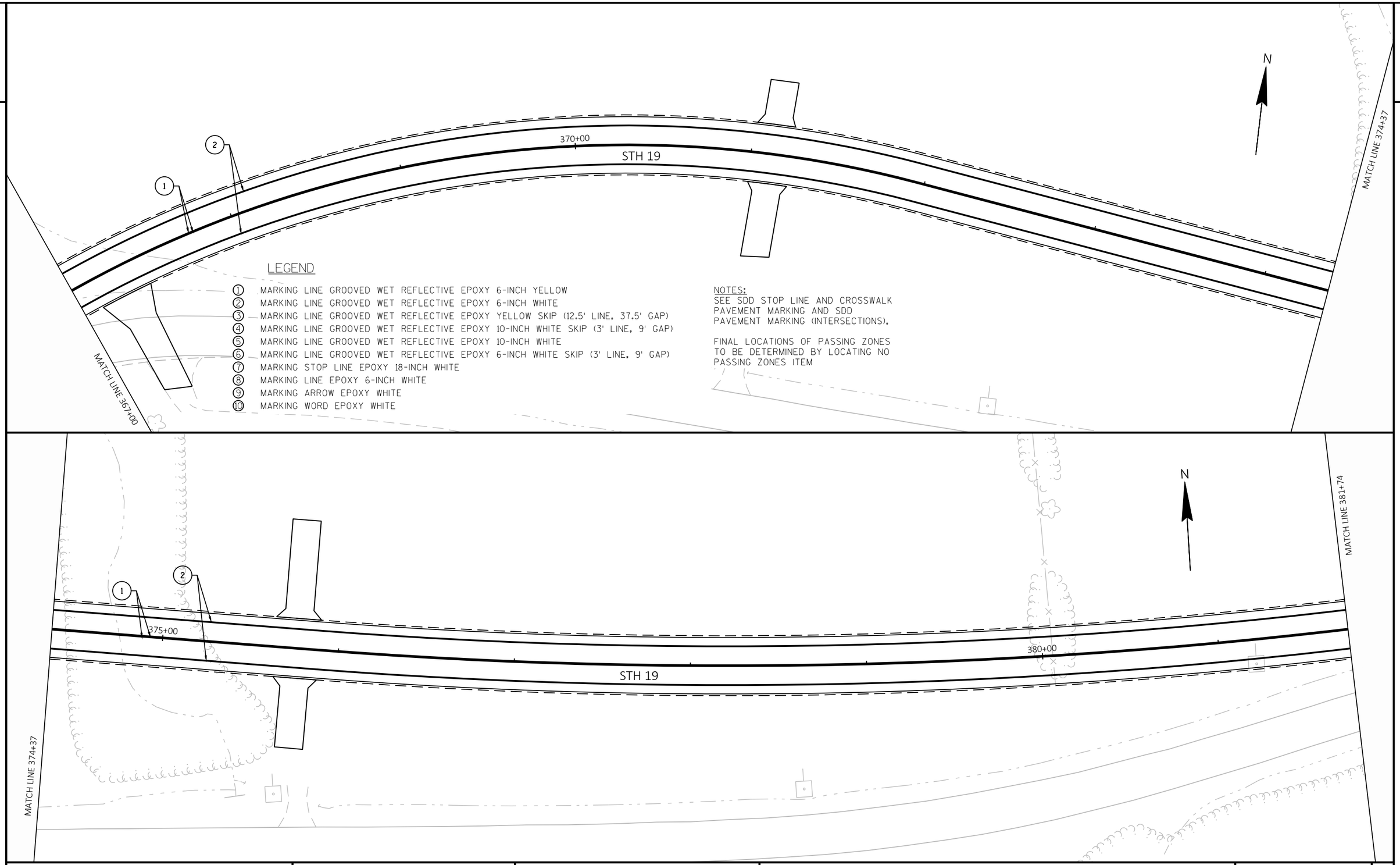
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 124	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-25

PLOT DATE : 10/26/2023 4:14 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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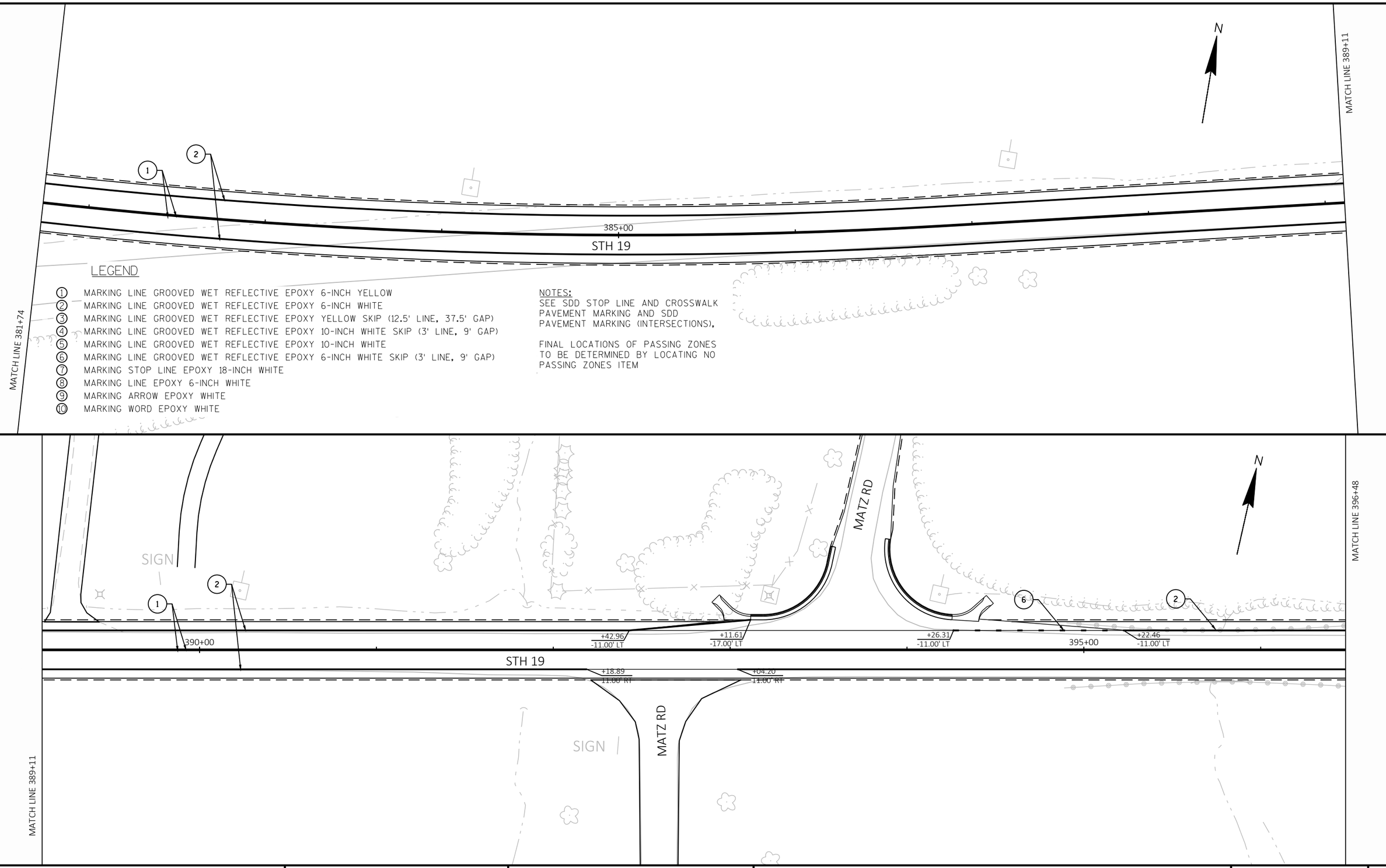
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

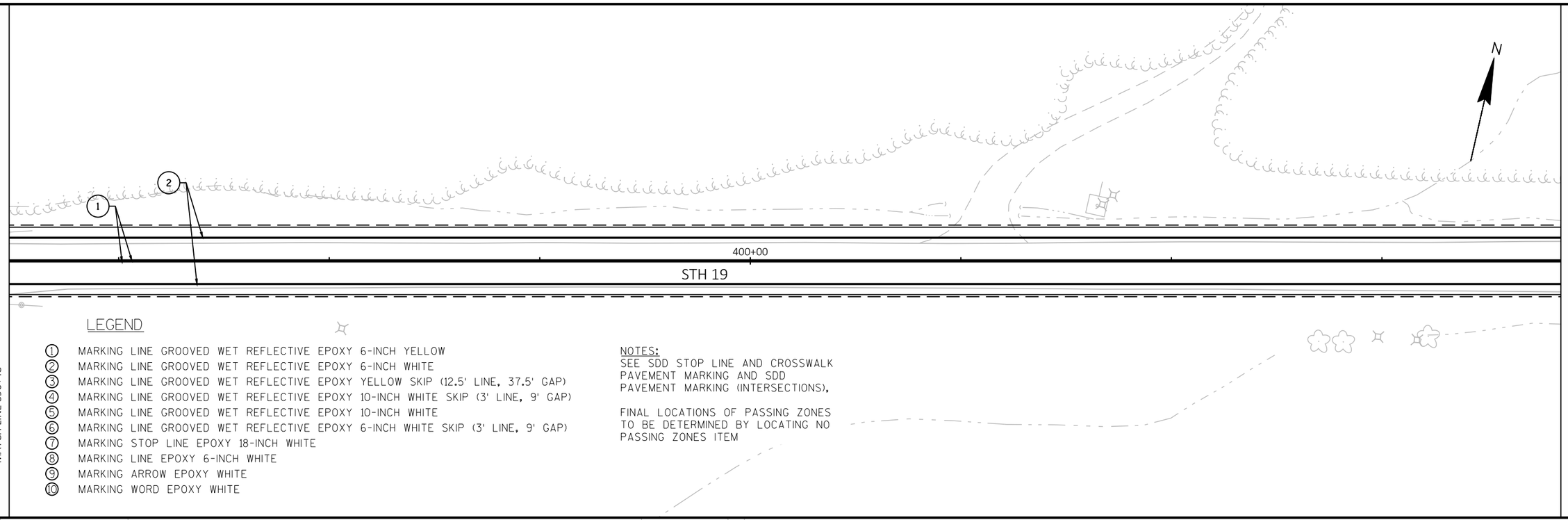
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 125	E

2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 126	E

2



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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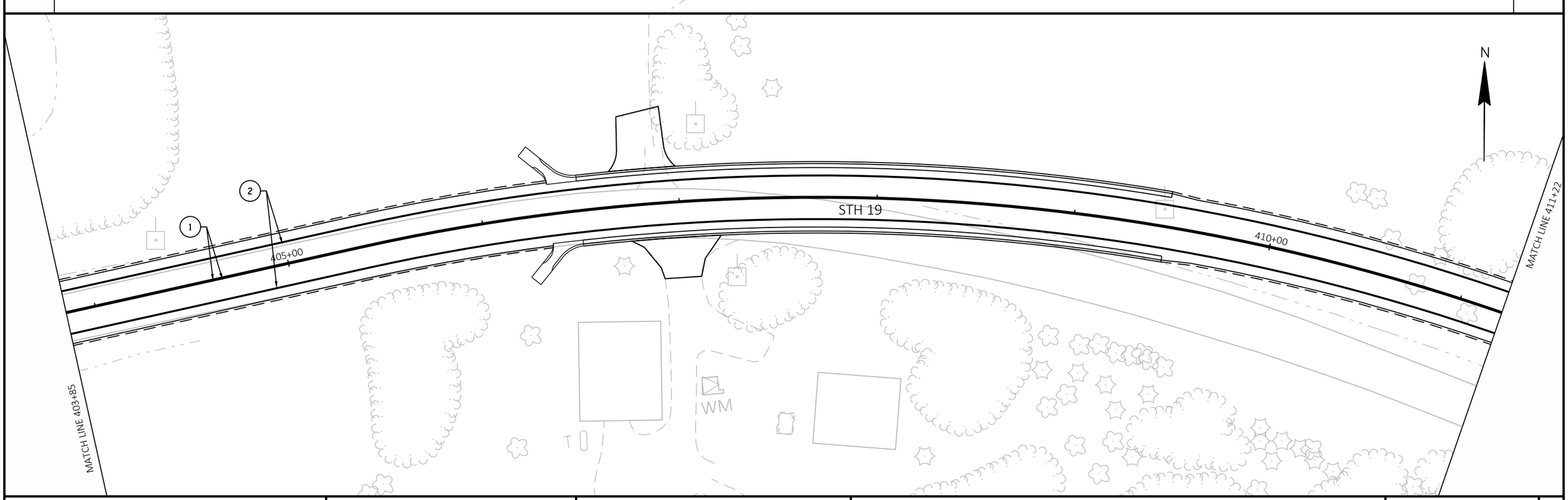
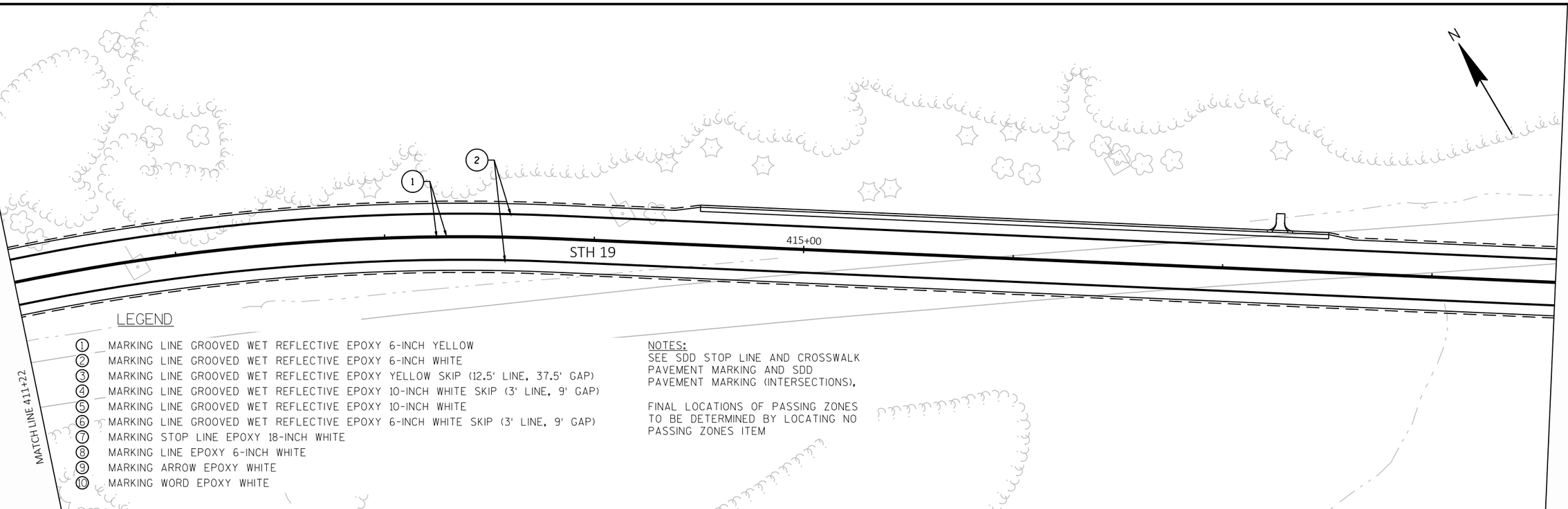
6. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
7. MARKING STOP LINE EPOXY 18-INCH WHITE
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 127	E



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
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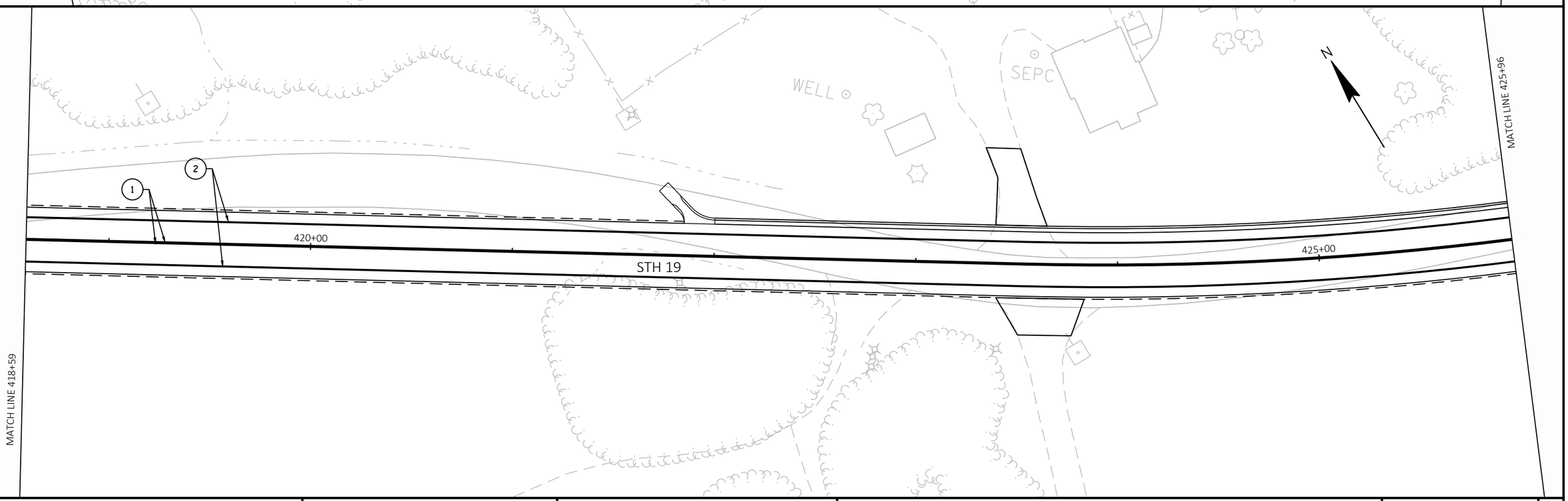
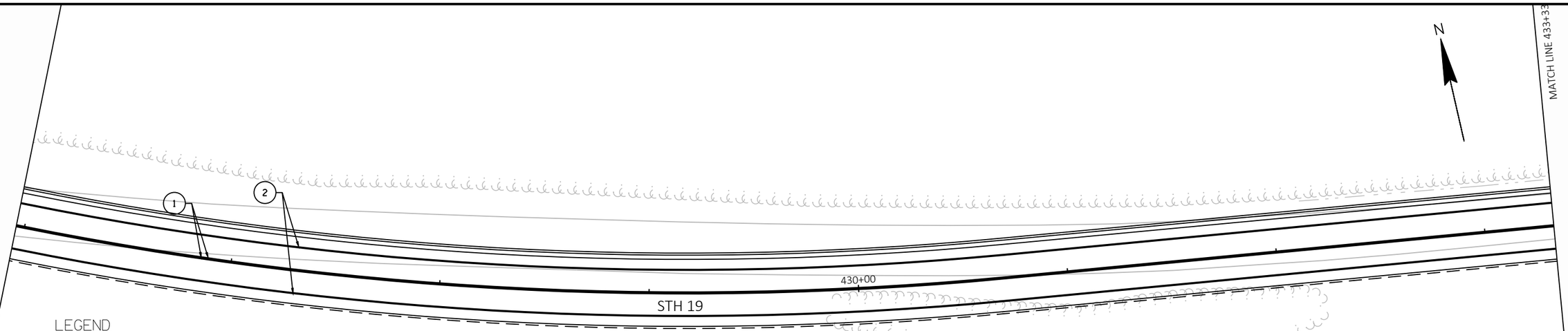
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 128 E



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
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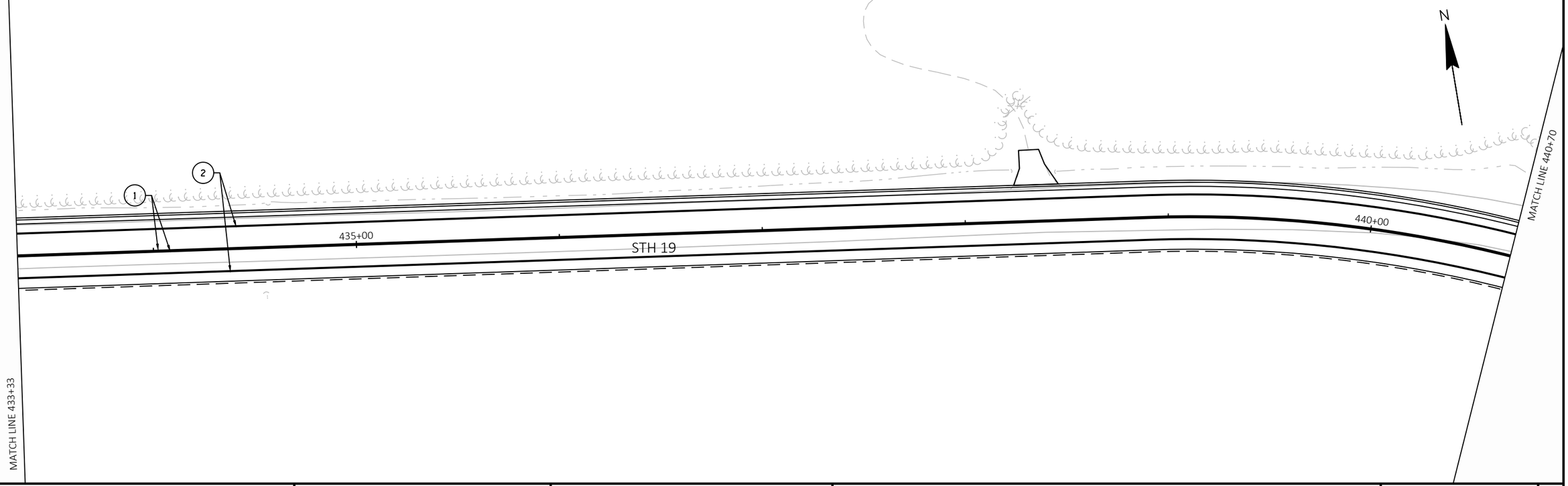
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS).

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 129	E

2

2

N

STH 19

445+00

MATCH LINE 448+07

MATCH LINE 440+70

+11.03
11.00' RT

6

1

2

LEGEND

① MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
② MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
③ MARKING LINE GROOVED WET REFLECTIVE EPOXY YELLOW SKIP (12.5' LINE, 37.5' GAP)
④ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE, 9' GAP)
⑤ MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
⑥ MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE, 9' GAP)
⑦ MARKING STOP LINE EPOXY 18-INCH WHITE
⑧ MARKING LINE EPOXY 6-INCH WHITE
⑨ MARKING ARROW EPOXY WHITE
⑩ MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

N

MATCH LINE 455+44

SIGN

SIGN

455+00

450+00

STH 19

+13.09
11.00' RT

WHIPPOORWILL RD

MATCH LINE 448+07

6

1

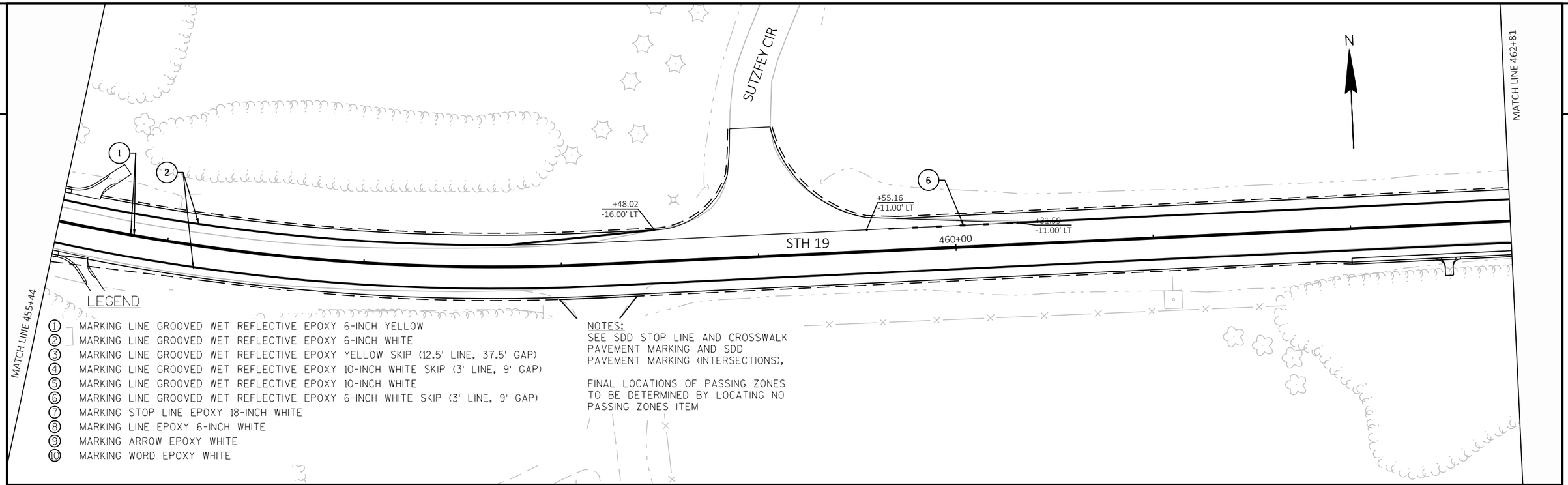
2

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 130	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-31

PLOT DATE : 10/26/2023 4:16 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
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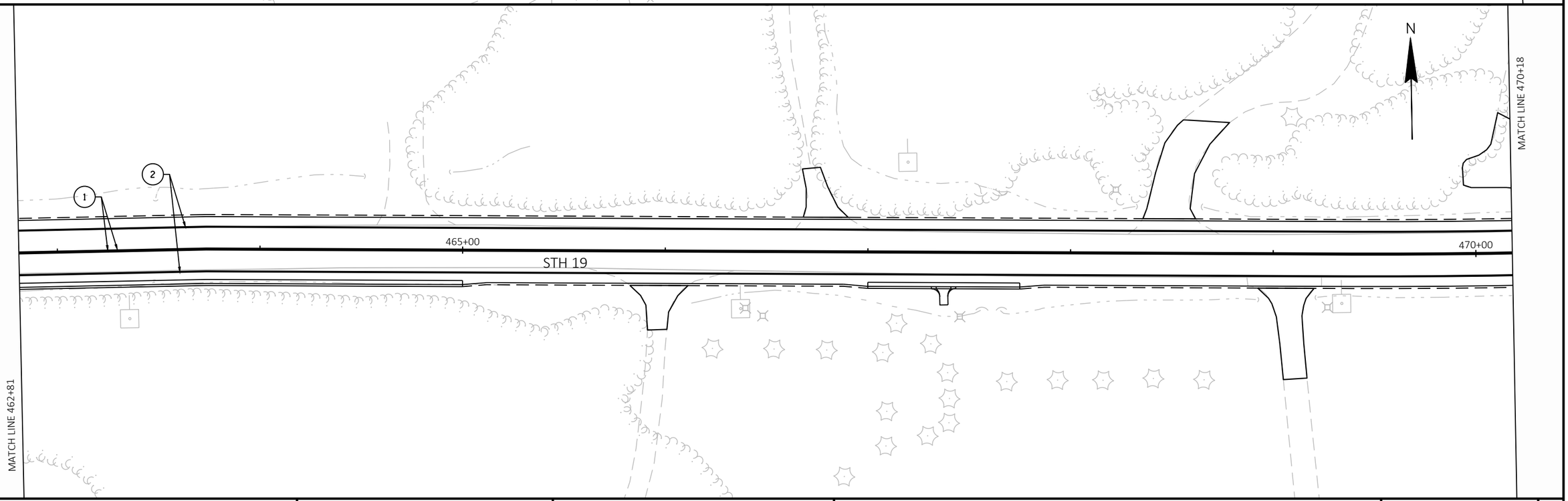
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

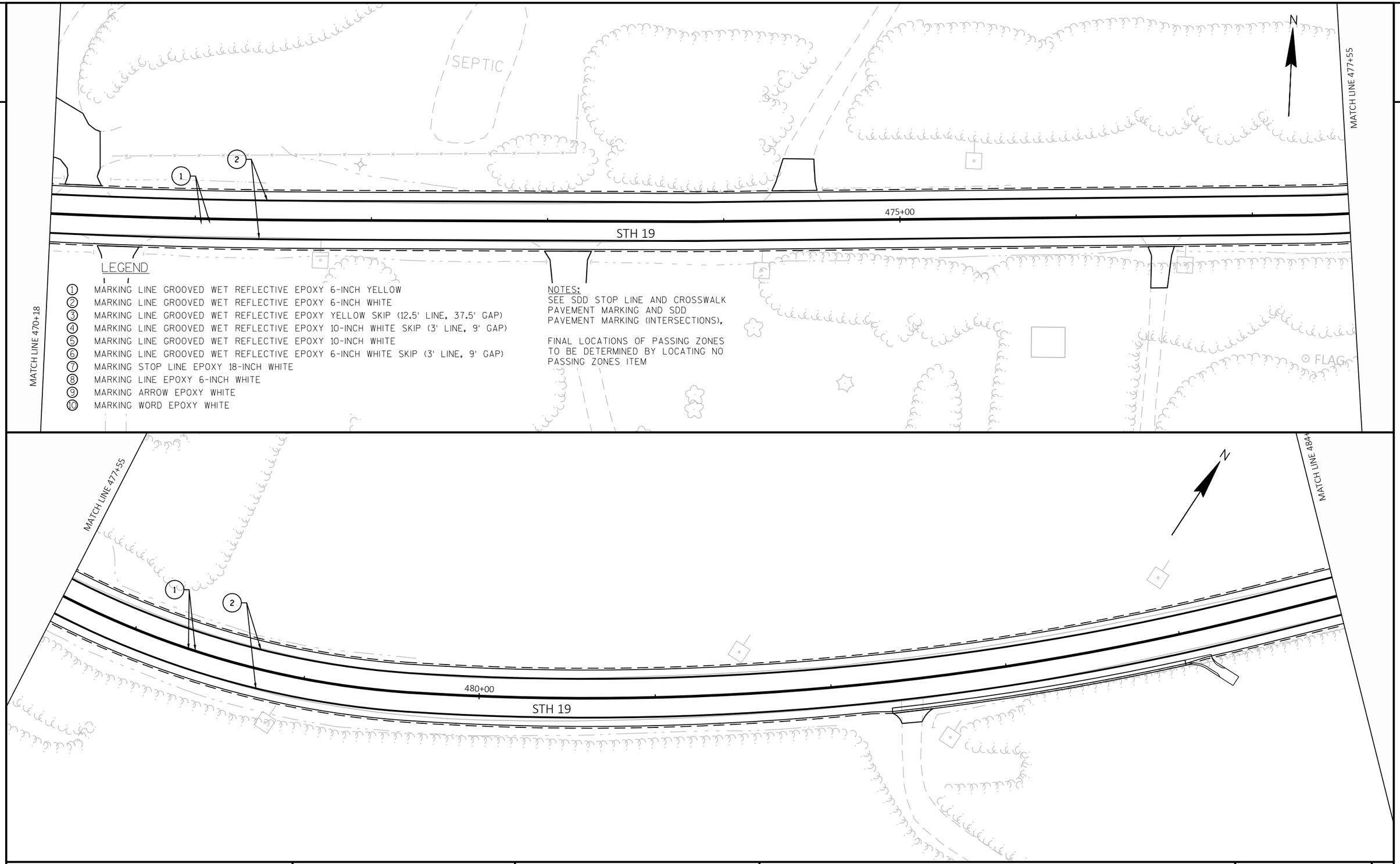
NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 131	E

2



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
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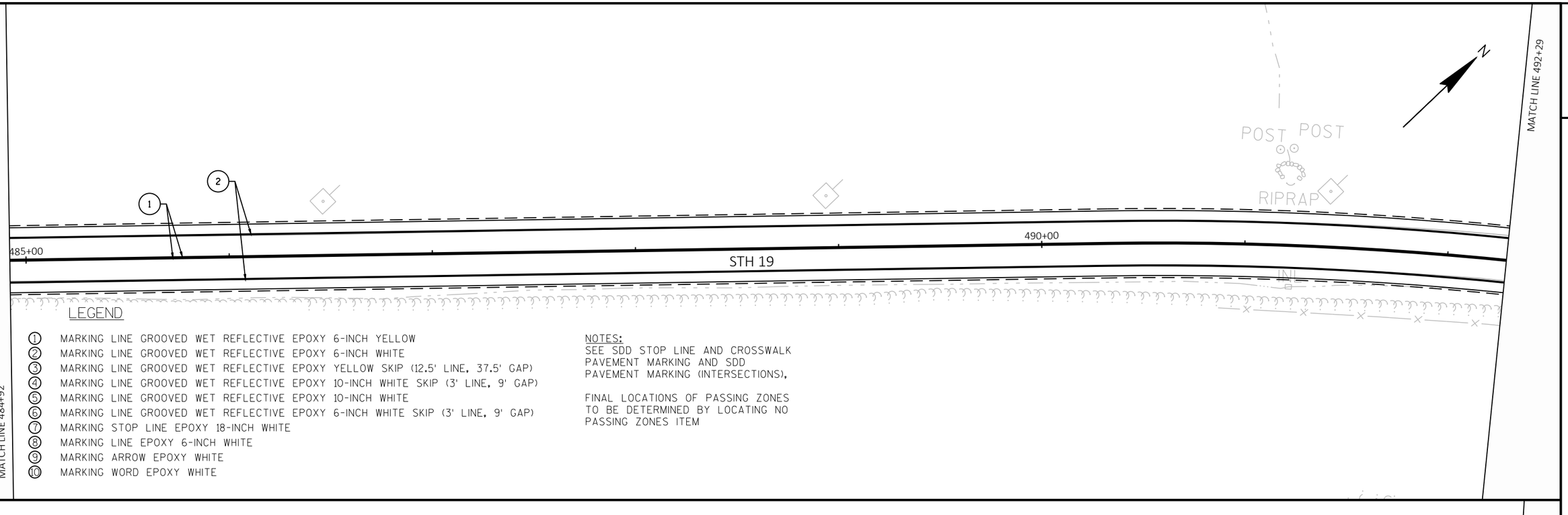
10. MARKING WORD EPOXY WHITE

NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

2

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 132	E



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
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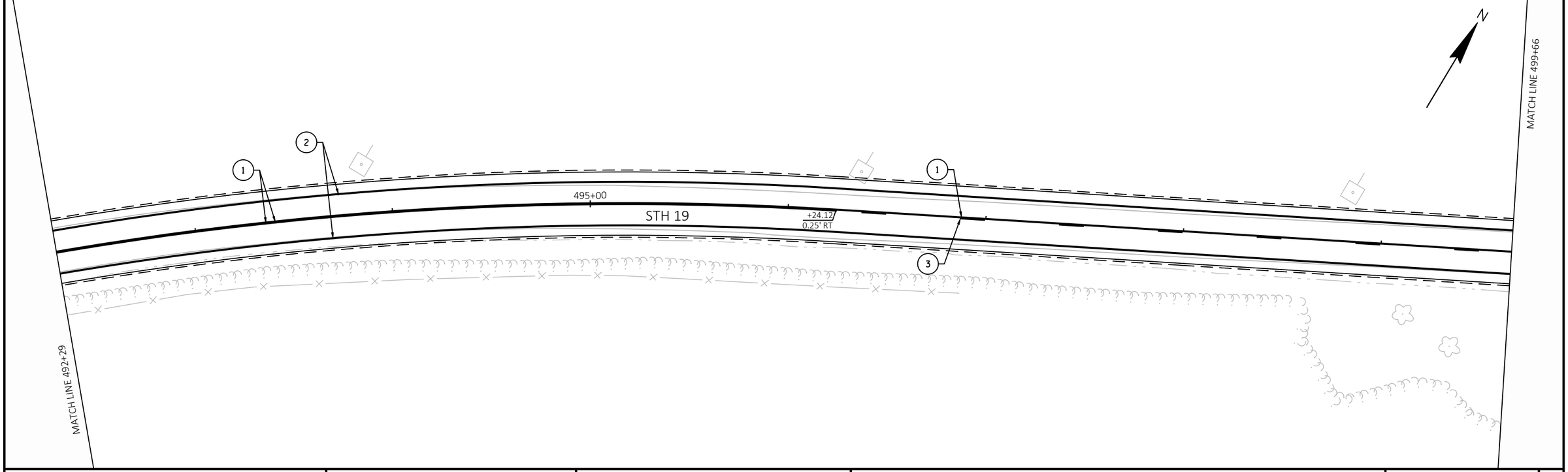
8. MARKING LINE EPOXY 6-INCH WHITE
9. MARKING ARROW EPOXY WHITE
10. MARKING WORD EPOXY WHITE

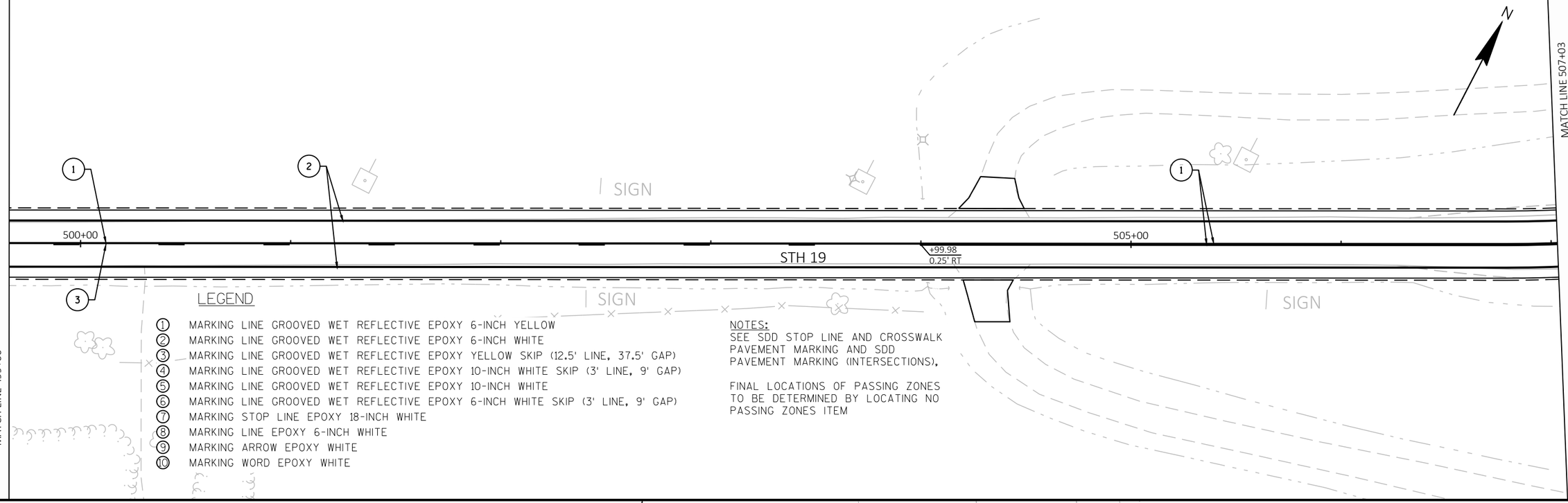
NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 133	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-34
PLOT DATE : 10/26/2023 4:16 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : Custom
WISDOT/CADDS SHEET 44



LEGEND

1. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH YELLOW
2. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
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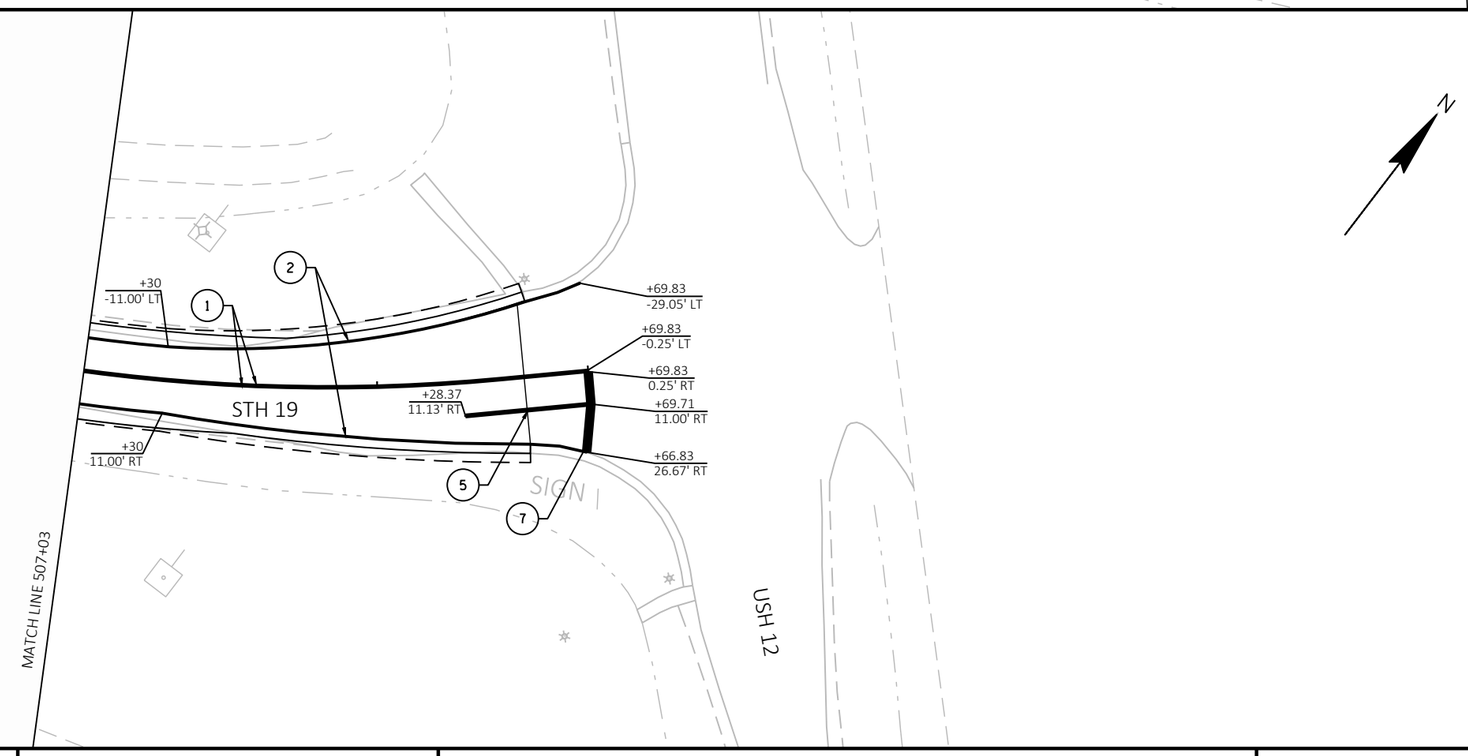
NOTES:
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING AND SDD PAVEMENT MARKING (INTERSECTIONS),

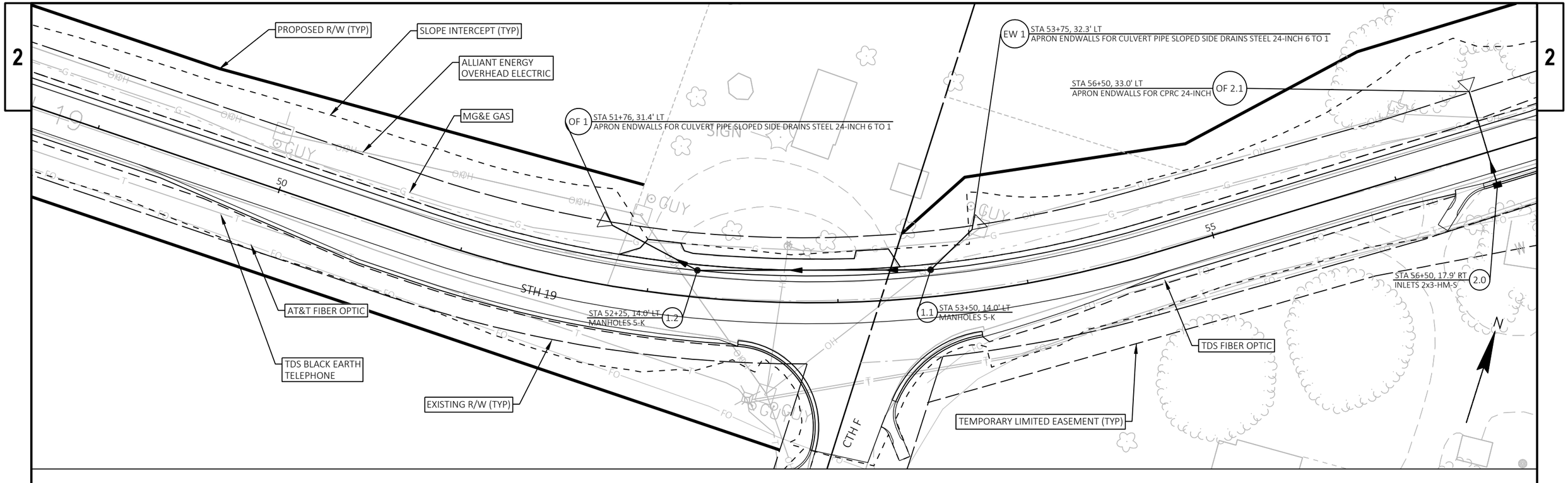
FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

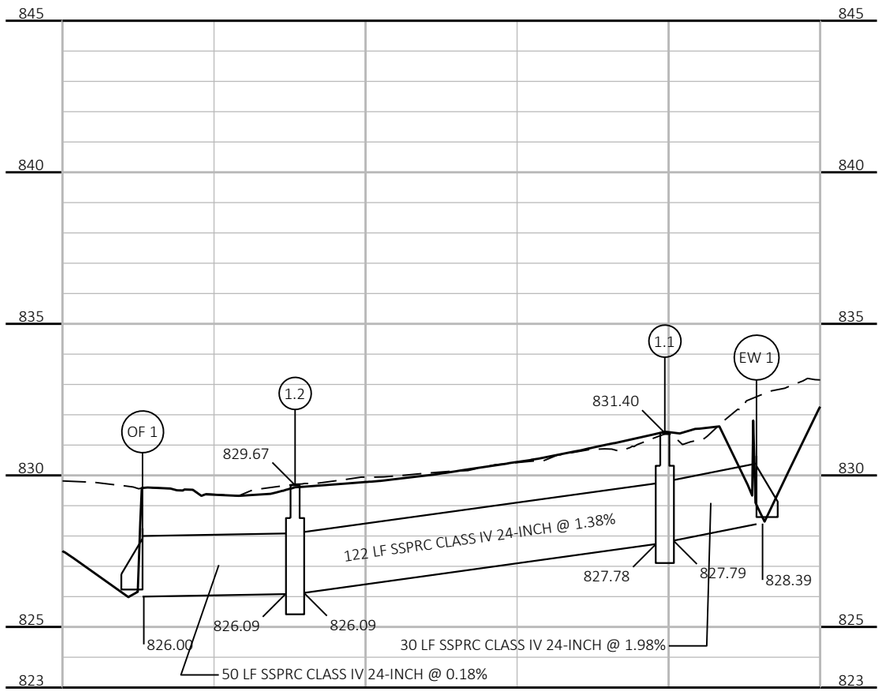


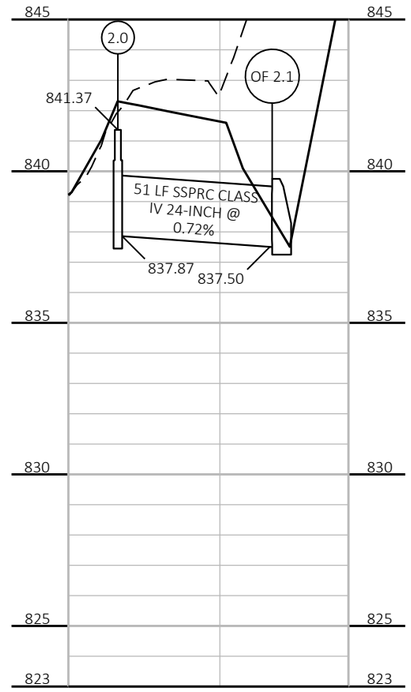
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PAVEMENT MARKING	SHEET 134	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm-35

PLOT DATE : 10/26/2023 4:17 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:50 FT



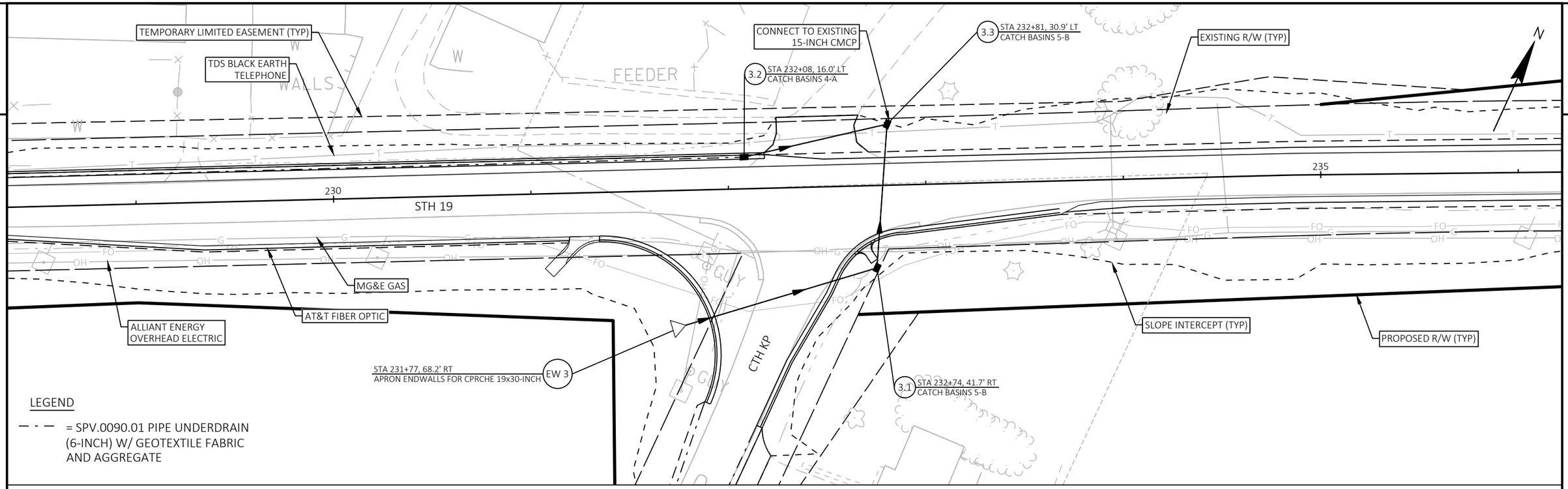


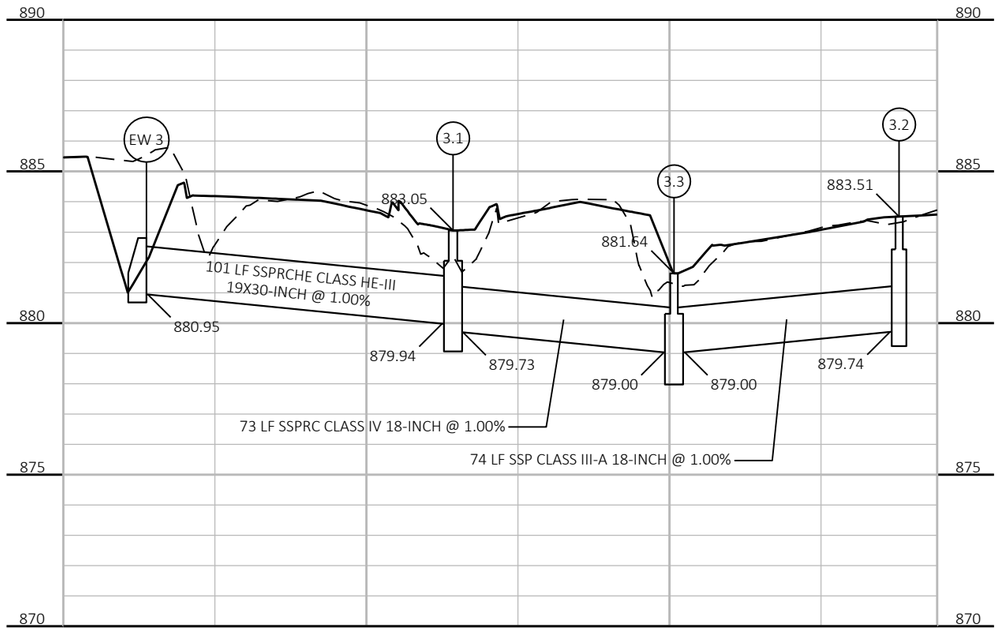


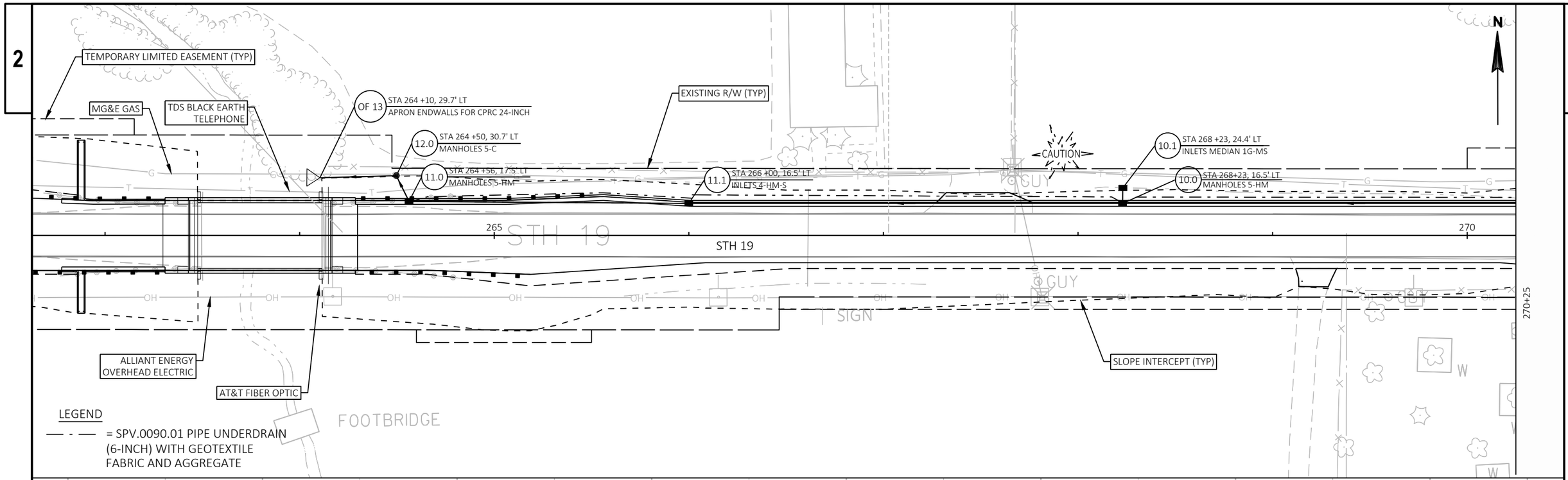
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 135	E

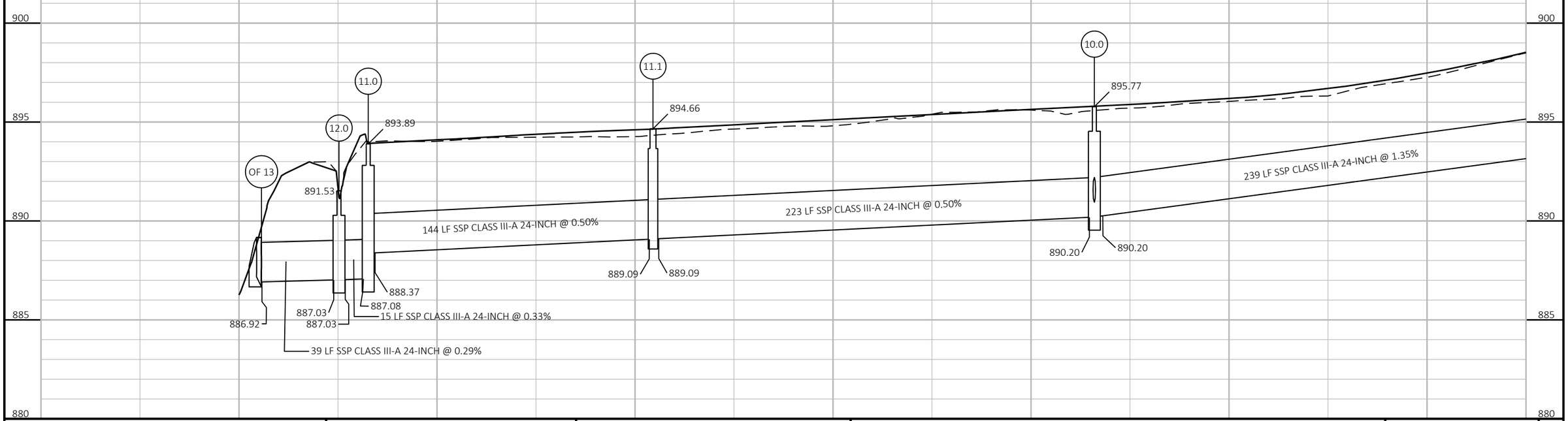
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - CTH F

PLOT DATE : 7/26/2023 2:54 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

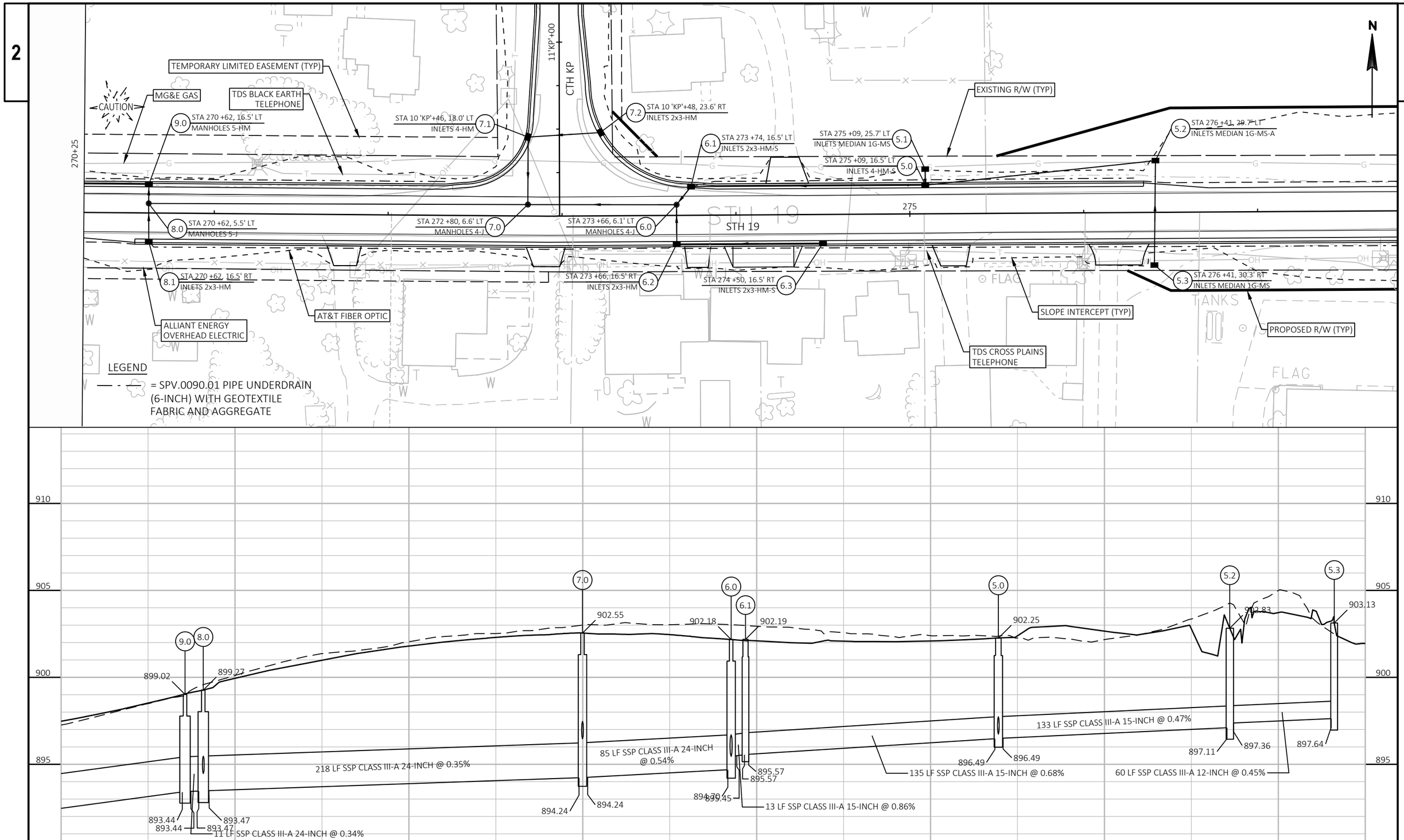

TEMPORARY LIMITED EASEMENT (TYP)
TDS BLACK EARTH TELEPHONE
CONNECT TO EXISTING 15-INCH CMCP
3.2 STA 232+08, 16.0' LT CATCH BASINS 4-A
3.3 STA 232+81, 30.9' LT CATCH BASINS 5-B
EXISTING R/W (TYP)
230
235
STH 19
MG&E GAS
AT&T FIBER OPTIC
ALLIANT ENERGY OVERHEAD ELECTRIC
STA 231+77, 68.2' RT
APRON ENDWALLS FOR CPRCHE 19x30-INCH
EW 3
CTH KP
3.1 STA 232+74, 41.7' RT CATCH BASINS 5-B
SLOPE INTERCEPT (TYP)
PROPOSED R/W (TYP)
N
LEGEND
= SPV.0090.01 PIPE UNDERDRAIN (6-INCH) W/ GEOTEXTILE FABRIC AND AGGREGATE


890
885
880
875
870
EW 3
3.1
3.3
3.2
883.05
881.64
883.51
101 LF SSPRCHE CLASS HE-III 19X30-INCH @ 1.00%
880.95
879.94
879.73
879.00
879.00
879.74
73 LF SSPRC CLASS IV 18-INCH @ 1.00%
74 LF SSP CLASS III-A 18-INCH @ 1.00%

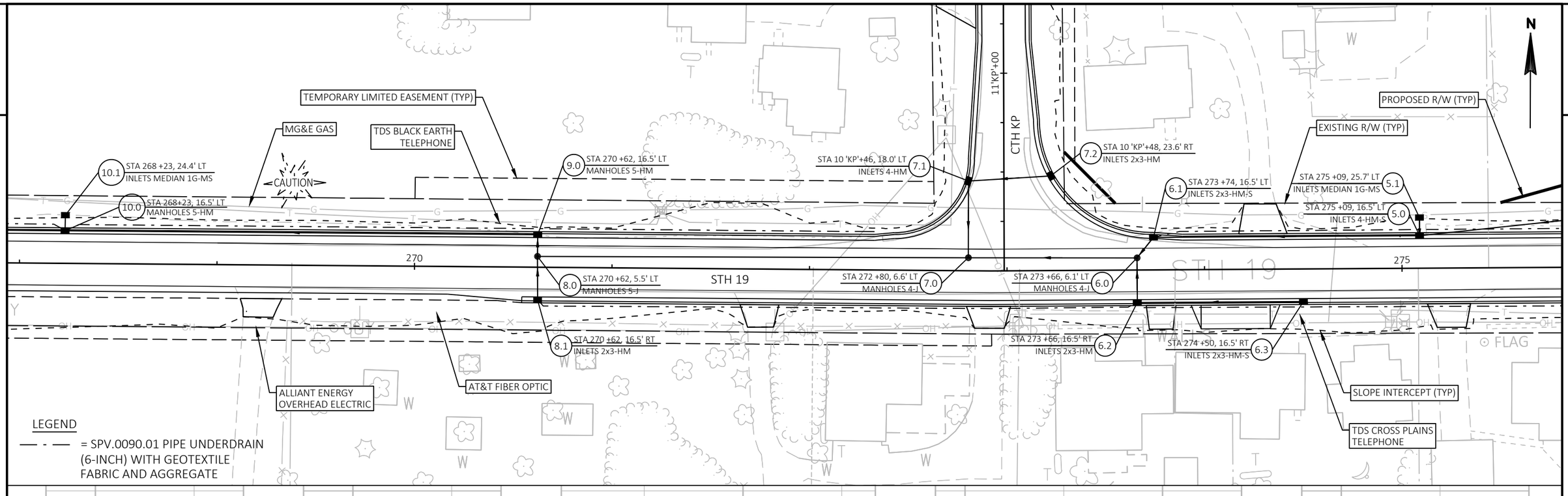


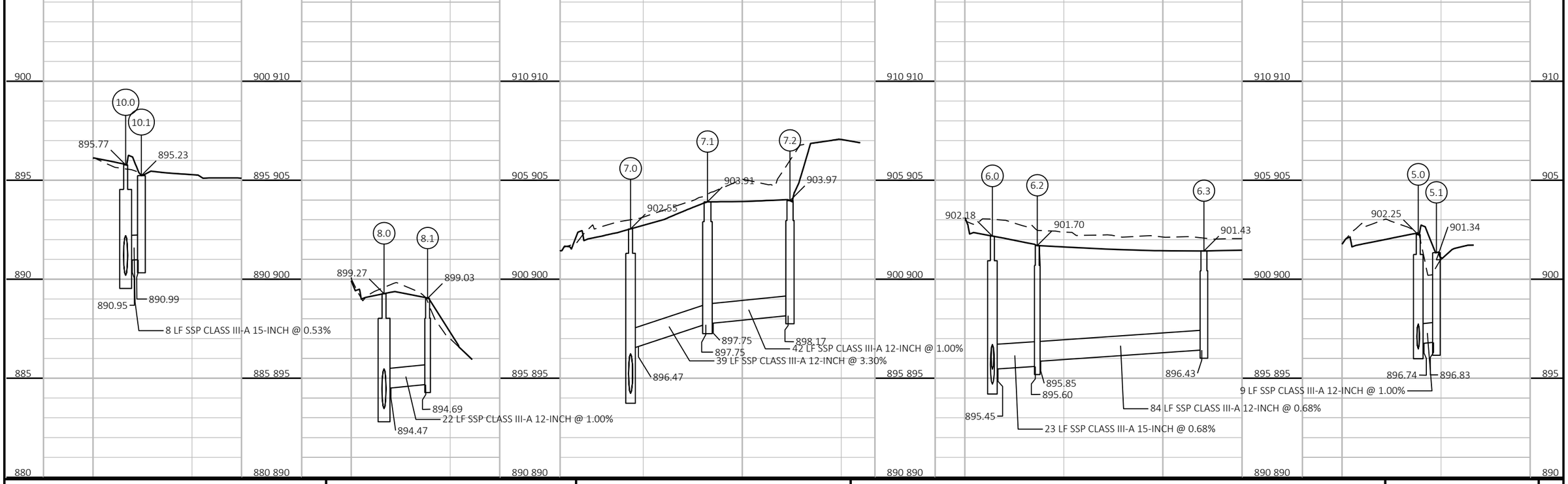


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 137	E



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 138	E





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 139	E

2

14.0 STA 330+00, 15.5' LT MANHOLES 4x4-BW

TEMPORARY LIMITED EASEMENT (TYP)

STA 331+00, 15.5' LT MANHOLES 4x4-BW 15.0

15.1 STA 331+00, 23.5' LT INLETS 2x2-B

STA 335+00, 23.5' LT INLETS 2x2-B 19.1

19.0 STA 335+00, 15.5' LT MANHOLES 4x4-BW

20.0 STA 336+00 MANHOLES

18.0 STA 334+00, 15.5' LT MANHOLES 4x4-BW

STA 333+00, 23.5' LT INLETS 2x2-B 17.1

MG&E ELECTRIC

TDS CROSS PLAINS TELEPHONE

329+00

330+00

331+00

332+00

333+00

334+00

335+00

336+00

STA 332+00, 15.5' LT MANHOLES 4x4-BW 16.0

STA 333+00, 15.5' LT MANHOLES 4x4-BW 17.0

STH 19

N

TDS CROSS PLAINS TELEPHONE

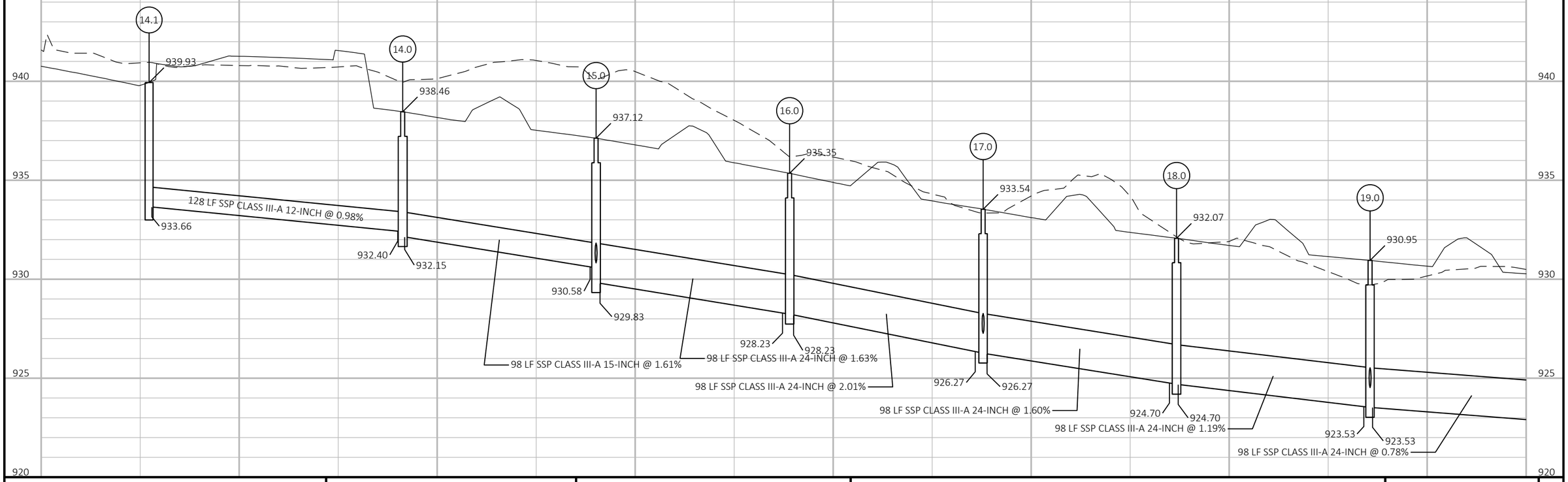
PROPOSED R/W (TYP)

SLOPE INTERCEPT (TYP)

EXISTING R/W (TYP)

LEGEND

SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 140	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022503_SS.DWG
LAYOUT NAME - 025505_ss

PLOT DATE : 7/26/2023 2:56 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

MG&E ELECTRIC

TDS CROSS PLAINS TELEPHONE

TEMPORARY LIMITED EASEMENT (TYP)

14.1 STA 328+72, 25.7' LT INLETS MEDIAN 1G-MS

14.0 STA 330+00, 15.5' LT MANHOLES 4x4-BW

STA 331+00, 15.5' LT MANHOLES 4x4-BW

15.0

15.1 STA 331+00, 23.5' LT INLETS 2x2-B

STA 333+00, 23.5' LT INLETS 2x2-B 17.1

STA 333+00, 15.5' LT MANHOLES 4x4-BW 17.0

STA 332+00, 15.5' LT MANHOLES 4x4-BW 16.0

MANHOLES 4x4

N

327+00 328+00 329+00 330+00 331+00 332+00 333+00 334+00

STH 19

LILAC LANE

TDS CROSS PLAINS TELEPHONE

PROPOSED R/W (TYP)

SLOPE INTERCEPT (TYP)

EXISTING R/W (TYP)

LEGEND

SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE

940 935 930 925 920

15.1

939.27

15.0

937.12

930.89

8 LF SSP CLASS III-A 12-INCH @ 0.75%

930.83

17.1

935.69

17.0

933.54

927.32

927.27

8 LF SSP CLASS III-A 12-INCH @ 0.69%

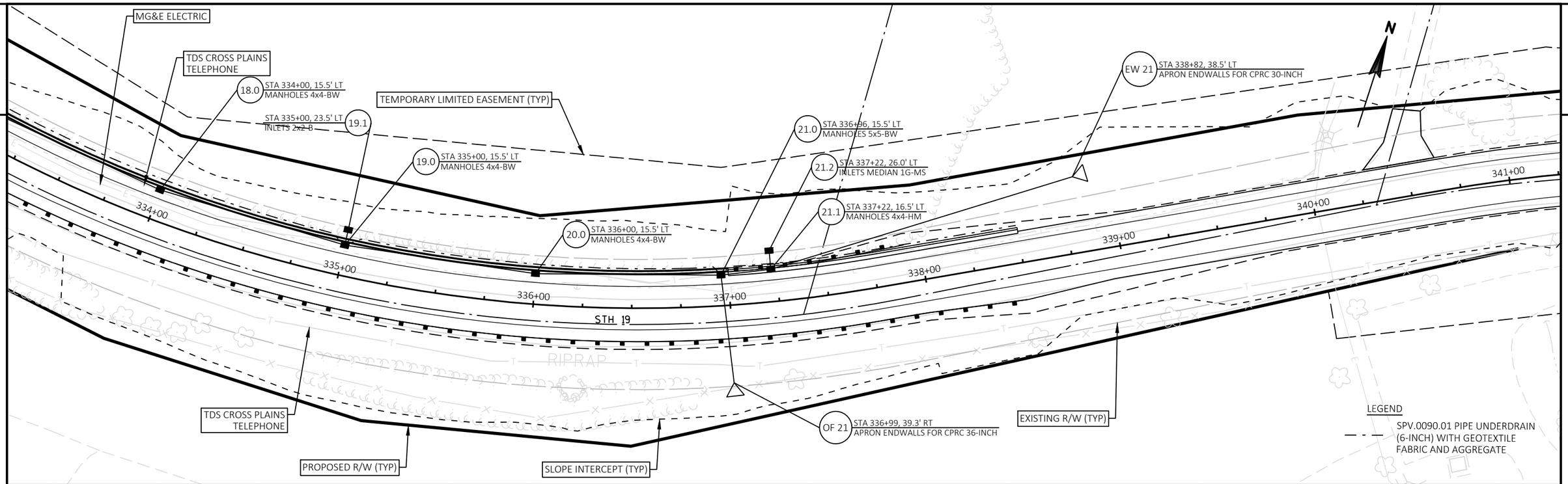
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 141	E

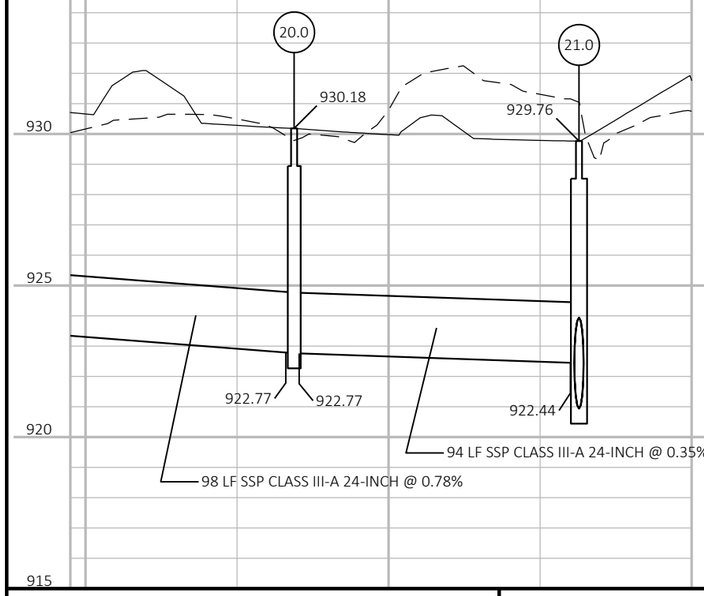
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022503_SS.DWG
LAYOUT NAME - 025505.5_ss

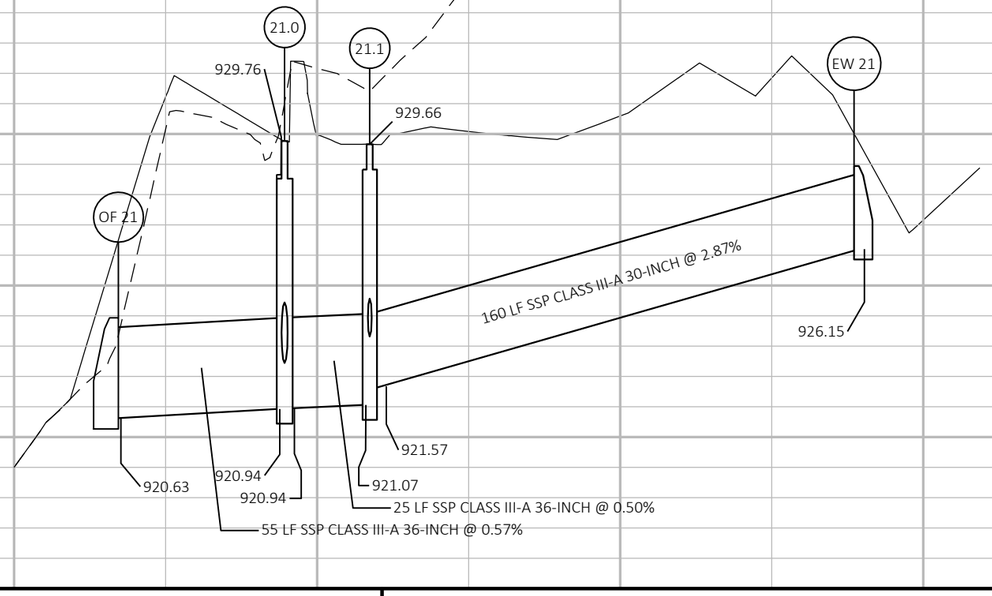
PLOT DATE : 7/26/2023 2:56 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 41

2







PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 142	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022503_SS.DWG
LAYOUT NAME - 025506_ss
PLOT DATE : 7/26/2023 2:56 PM
PLOT BY : LOGAN CHART
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

MG&E ELECTRIC

TDS CROSS PLAINS TELEPHONE

18.0 STA 334+00, 15.5' LT MANHOLES 4x4-BW

STA 335+00, 23.5' LT INLETS 2x2-B 19.1

19.0 STA 335+00, 15.5' LT MANHOLES 4x4-BW

TEMPORARY LIMITED EASEMENT (TYP)

20.0 STA 336+00, 15.5' LT MANHOLES 4x4-BW

21.0 STA 336+96, 15.5' LT MANHOLES 5x5-BW

21.2 STA 337+22, 26.0' LT INLETS MEDIAN 1G-MS

21.1 STA 337+22, 16.5' LT MANHOLES 4x4-HM

EW 21 STA 338+82, 38.5' LT APRON ENDWALLS FOR CPRC 30-INCH

334+00 335+00 336+00 337+00 338+00 339+00 340+00 341+00

STH 19

RIPRAP

TDS CROSS PLAINS TELEPHONE

PROPOSED R/W (TYP)

SLOPE INTERCEPT (TYP)

OF 21 STA 336+99, 39.3' RT APRON ENDWALLS FOR CPRC 36-INCH

EXISTING R/W (TYP)

N

LEGEND

SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE

935 930 925 920 915

19.1

933.11

19.0

930.95

924.57

924.53

8 LF SSP CLASS III-A 12-INCH @ 0.49%

21.1

21.2

929.66

929.57

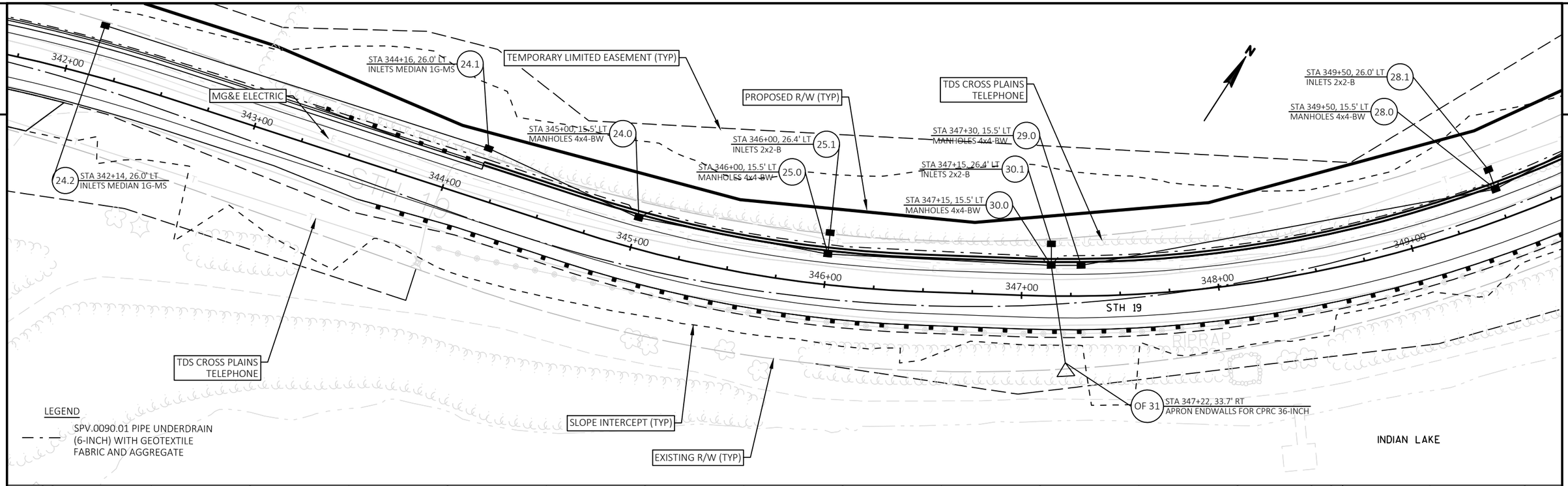
923.42

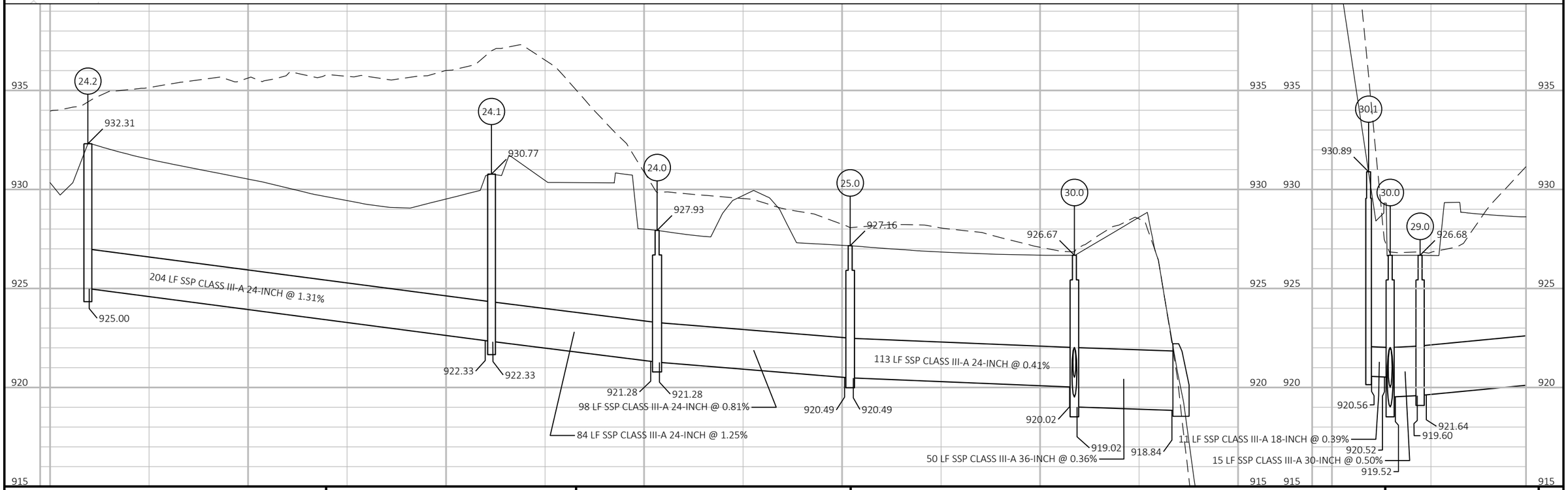
923.32

10 LF SSP CLASS III-A 15-INCH @ 1.03%

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 143	E

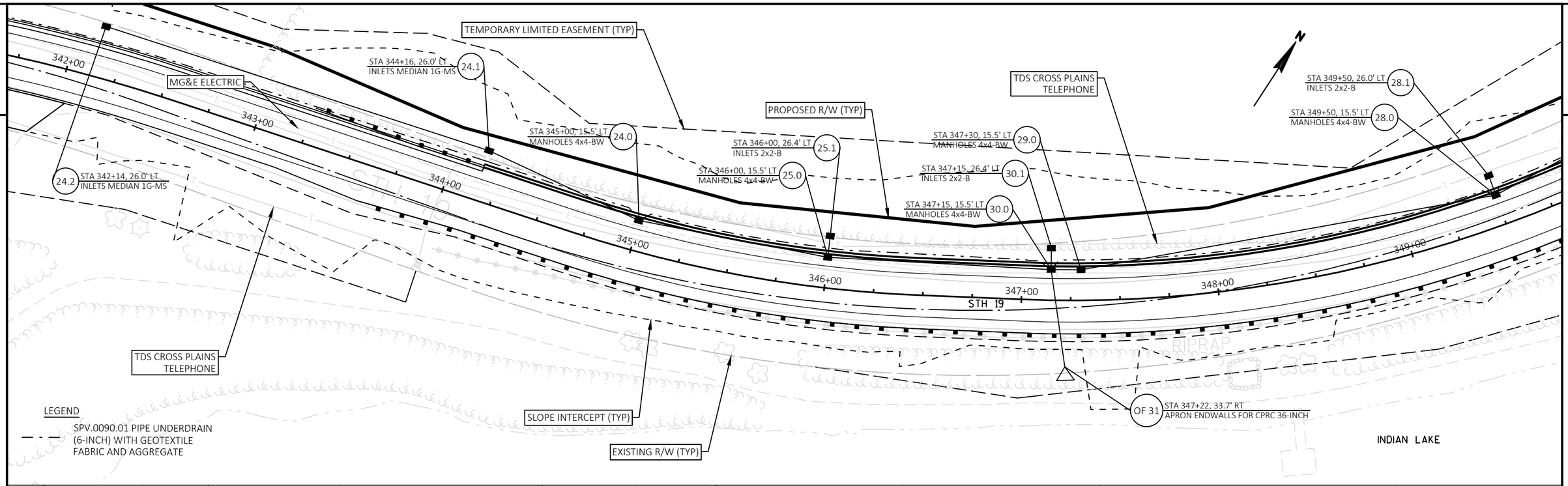
2

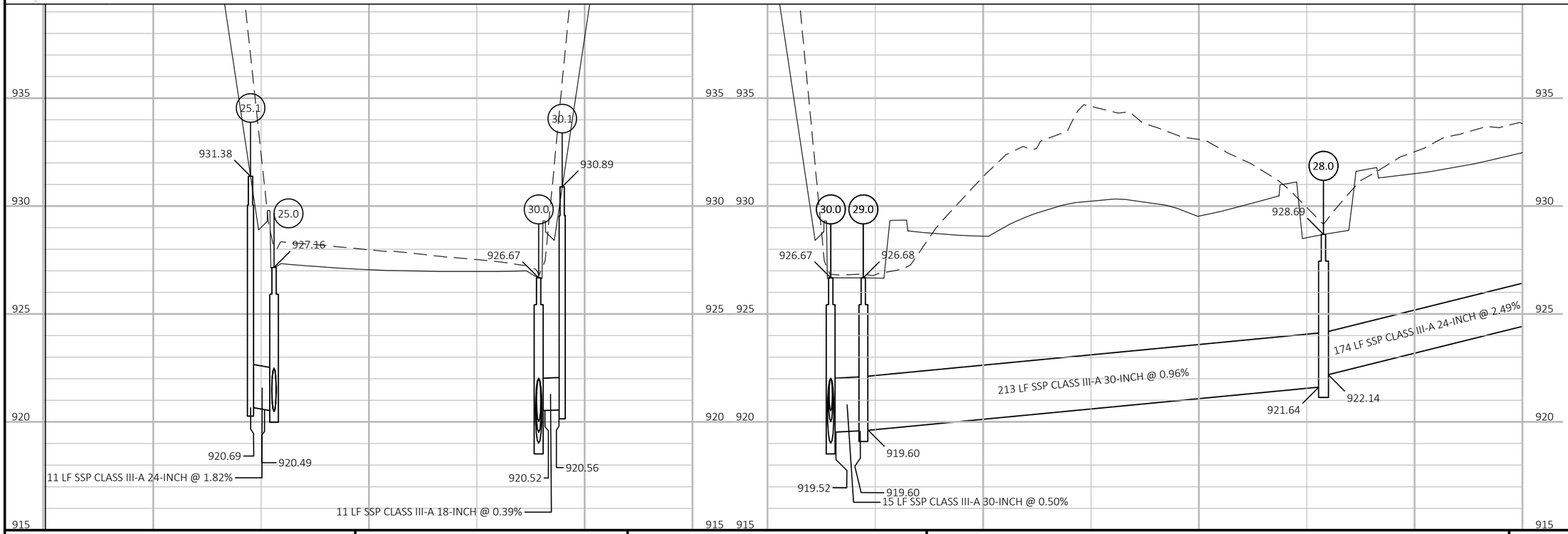




PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 144	E

2





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 145	E

2

PROPOSED R/W (TYP)

TEMPORARY LIMITED EASEMENT (TYP)

MG&E ELECTRIC

TDS CROSS PLAINS TELEPHONE

STA 351+29, 26.1' LT
INLETS MEDIAN 1G-MS
27.1

STA 351+29, 16.5' LT
MANHOLES 5-HM
27.0

STA 353+50, 26.0' LT
INLETS MEDIAN 1G-MS
26.1

STA 353+50, 16.5' LT
MANHOLES 5-HM
26.0

STA 355+50, 24.0' LT
INLETS MEDIAN 1G-MS
26.2

350+00 351+00 352+00 353+00 354+00 355+00 356+00 357+00

STH 19

INDIAN LAKE

SLOPE INTERCEPT (TYP)

EXISTING R/W (TYP)

LEGEND

SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE

940 935 930 925 920

27.0

932.94

216 LF SSP CLASS III-A 24-INCH @ 4.08%

174 LF SSP CLASS III-A 24-INCH @ 2.49%

926.45

926.45

SAME ELEVATION

950 945 940 935 930

26.0

941.99

935.28

935.28

200 LF SSP CLASS III-A 24-INCH @ 4.47%

26.2

950.34

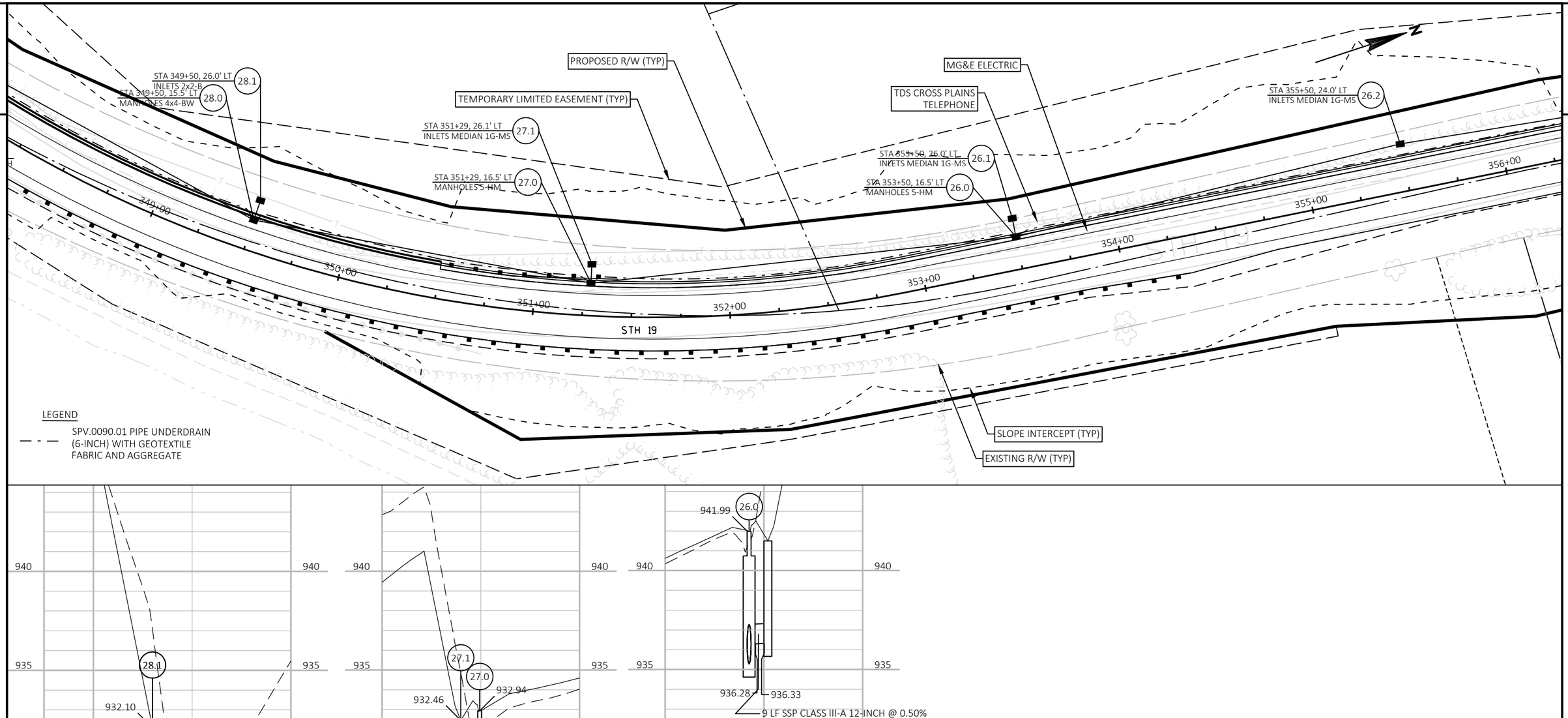
203 LF SSP CLASS III-A 24-INCH @ 4.17%

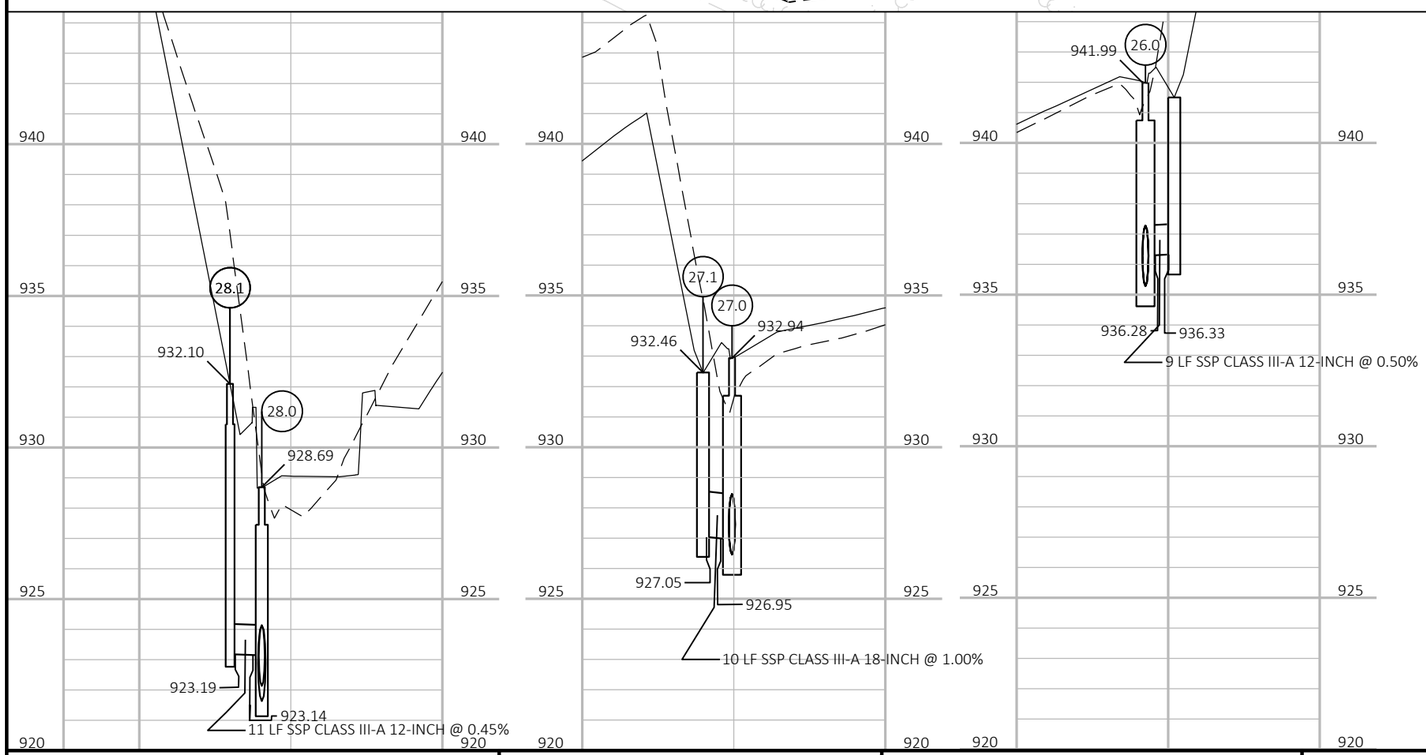
944.22

944.22

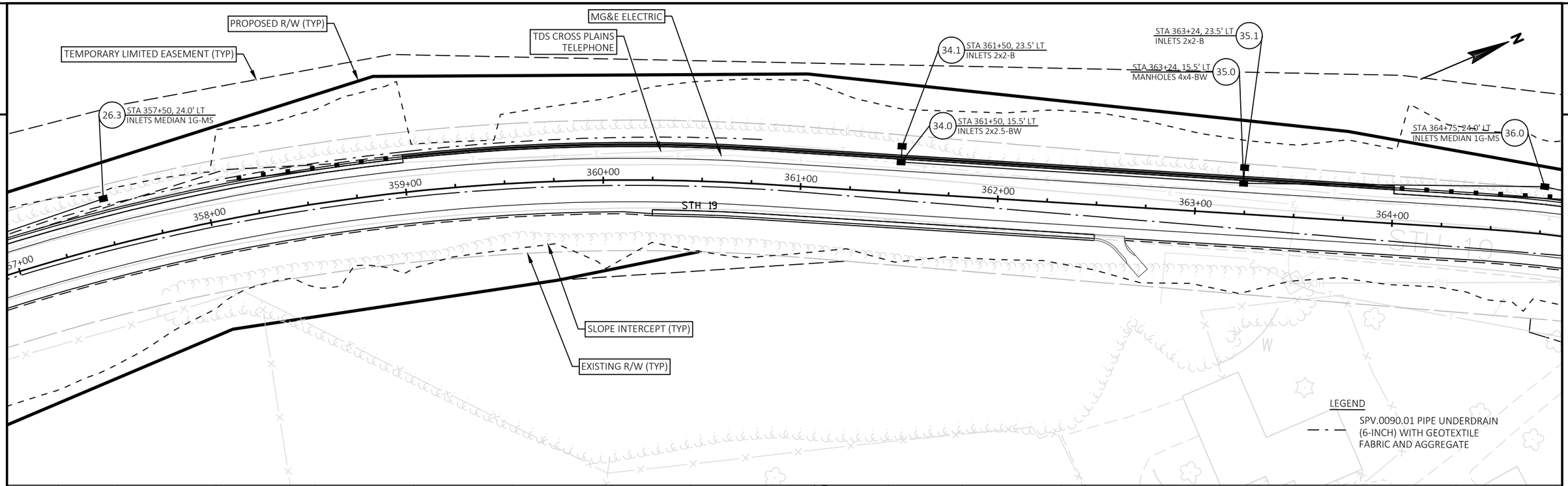
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 146	E

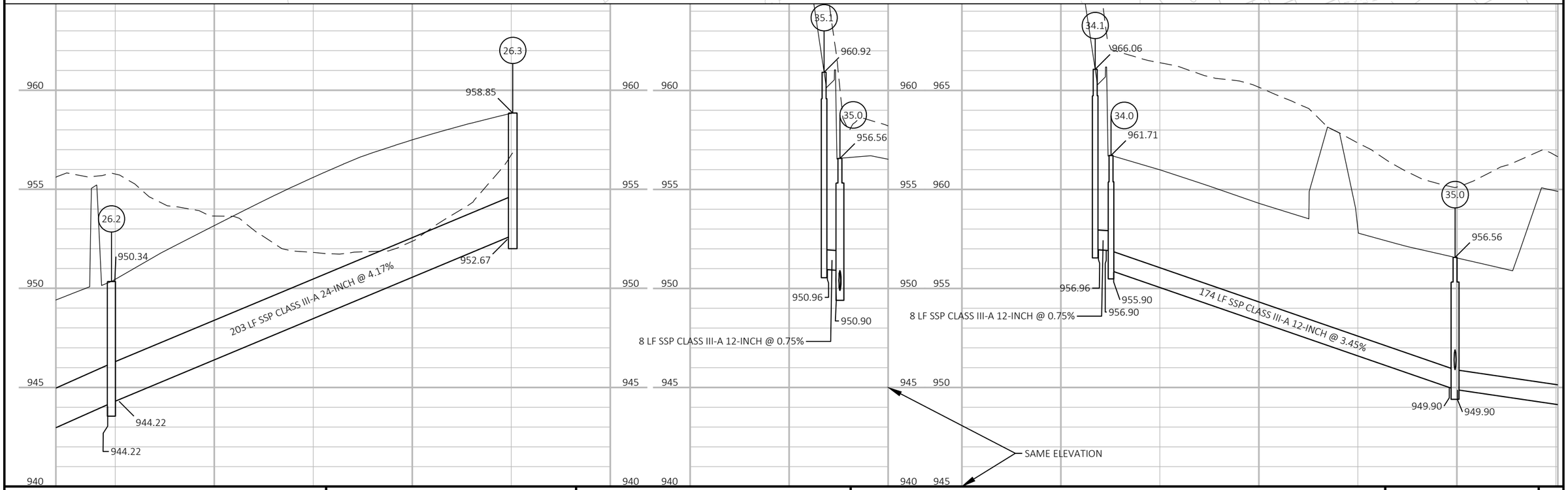
2





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 147	E





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 148	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022503_SS.DWG
LAYOUT NAME - 025509_ss
PLOT DATE : 7/26/2023 2:57 PM
PLOT BY : LOGAN CHART
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 41

2

PROPOSED R/W (TYP)

TEMPORARY LIMITED EASEMENT (TYP)

STA 366+72, 33.7' LT
APRON ENDWALLS FOR CPRC 18-INCH
OF 38

MG&E OVERHEAD ELECTRIC

STA 366+25, 24.0' LT
INLETS MEDIAN 1G-MS
37.0

STA 364+75, 24.0' LT
INLETS MEDIAN 1G-MS
36.0

STA 363+24, 23.5' LT
INLETS 2x2-B
35.1

STA 363+24, 15.5' LT
MANHOLES 4x4-BW
35.0

STH 19

363+00 364+00 365+00 366+00 367+00 368+00 369+00 370+00

SLOPE INTERCEPT (TYP)

TDS CROSS PLAINS TELEPHONE

EXISTING R/W (TYP)

LEGEND

SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE

960 955 950 945 940

36.0

953.32

37.0

OF 38

949.02

152 LF SSP CLASS III-A 12-INCH @ 1.47%

155 LF SSP CLASS III-A 18-INCH @ 0.50%

947.66

947.16

946.38

946.38

946.12

50 LF SSP CLASS III-A 18-INCH @ 0.52%

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 149	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022503_SS.DWG
LAYOUT NAME - 025510_ss

PLOT DATE : 7/26/2023 2:57 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

OF 46 STA 421+81, 40.9' LT
APRON ENDWALLS FOR CPRC 24-INCH

46.1 STA 422+02, 17.5' LT
INLETS 4-HM

46.0 STA 422+18, 17.5' LT
INLETS 4-HM

MG&E OVERHEAD ELECTRIC

TEMPORARY LIMITED EASEMENT (TYP)

PROPOSED R/W (TYP)

45.0 STA 423+76, 17.5' LT
INLETS 4-HM

44.1 STA 425+00, 27.0' LT
INLETS MEDIAN 1G-MS

44.0 STA 425+00, 17.5' LT
INLETS 4-HM

43.0 STA 426+00, 17.5' LT
INLETS 4-HM

42.1 STA 426+98, 27.1' LT
INLETS MEDIAN 1G-MS

42.0 STA 426+98, 17.5' LT
INLETS 4-HM

41.0 STA 428+00, 17.5' LT
INLETS 4-HM

STA 428+98, 27.0' LT
INLETS MEDIAN 1G-MS

40.1

STA 428+98, 17.5' LT
INLETS 4-HM

40.0

422+00 423+00 424+00 425+00 426+00 427+00 428+00 429+00 429+50

STH 19

N

LEGEND

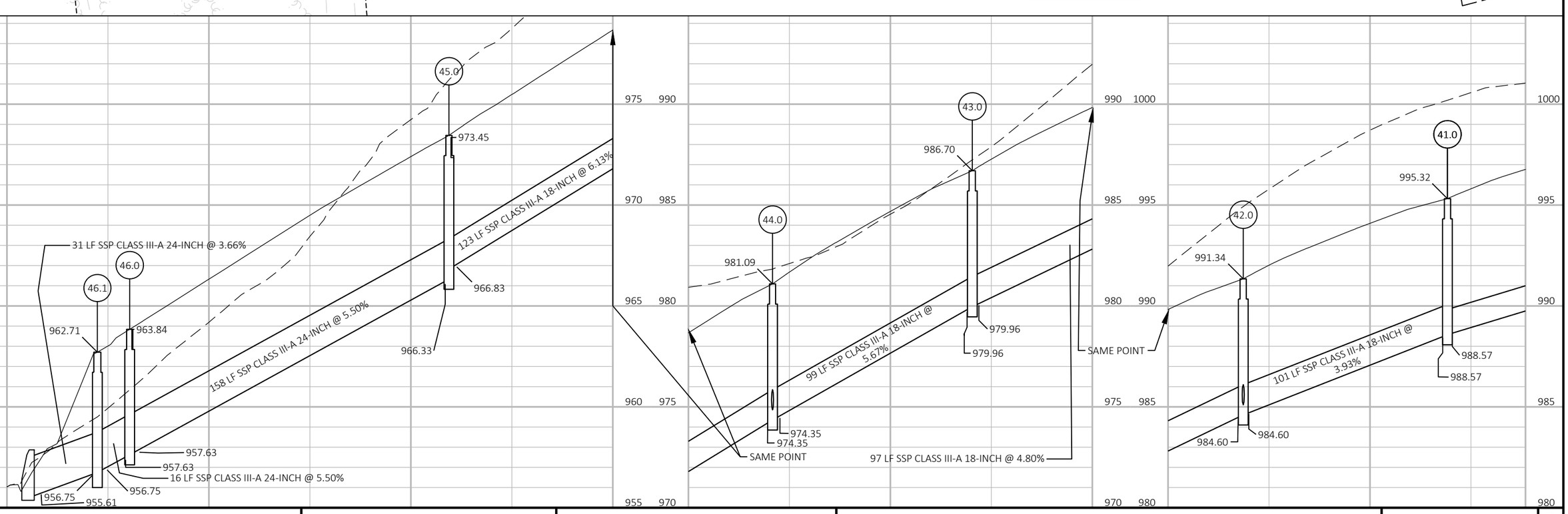
SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE

TDS CROSS PLAINS TELEPHONE

EXISTING R/W (TYP)

SLOPE INTERCEPT (TYP)

2



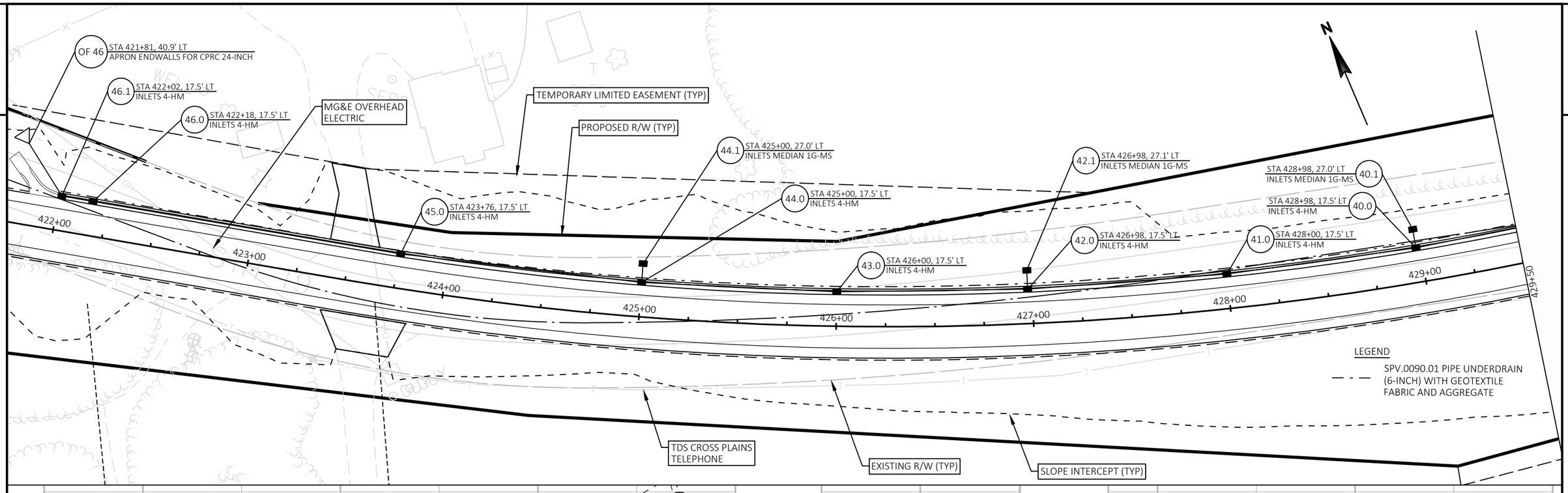
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 150	E

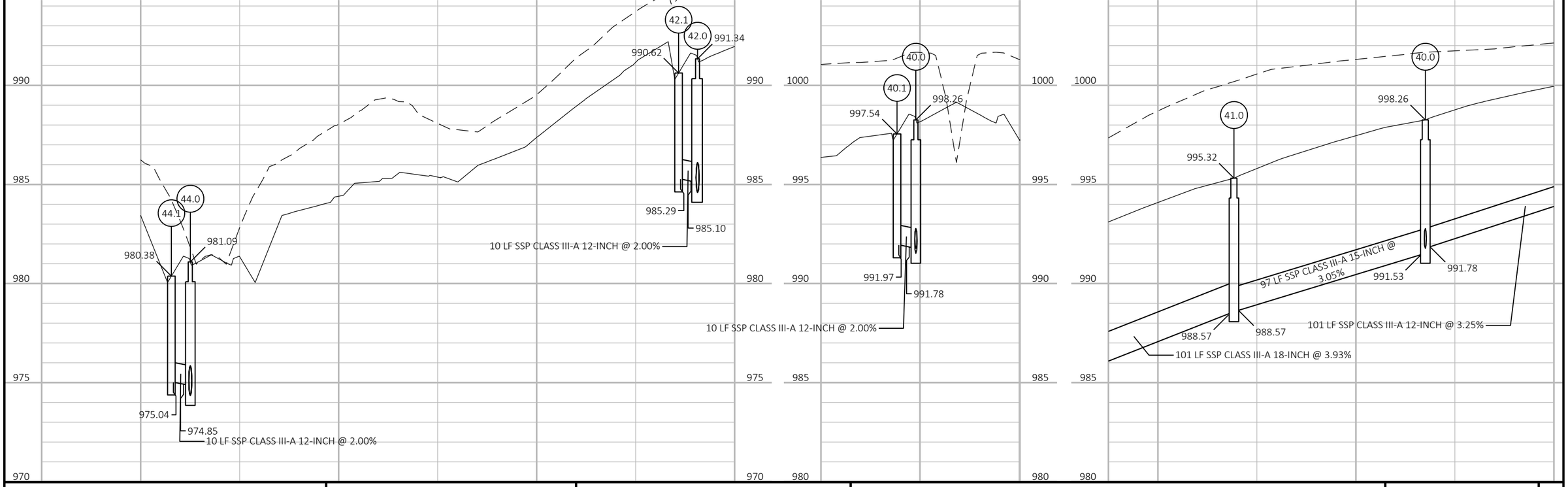
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022503_SS.DWG
LAYOUT NAME - 025511_ss

PLOT DATE : 7/26/2023 2:57 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 41

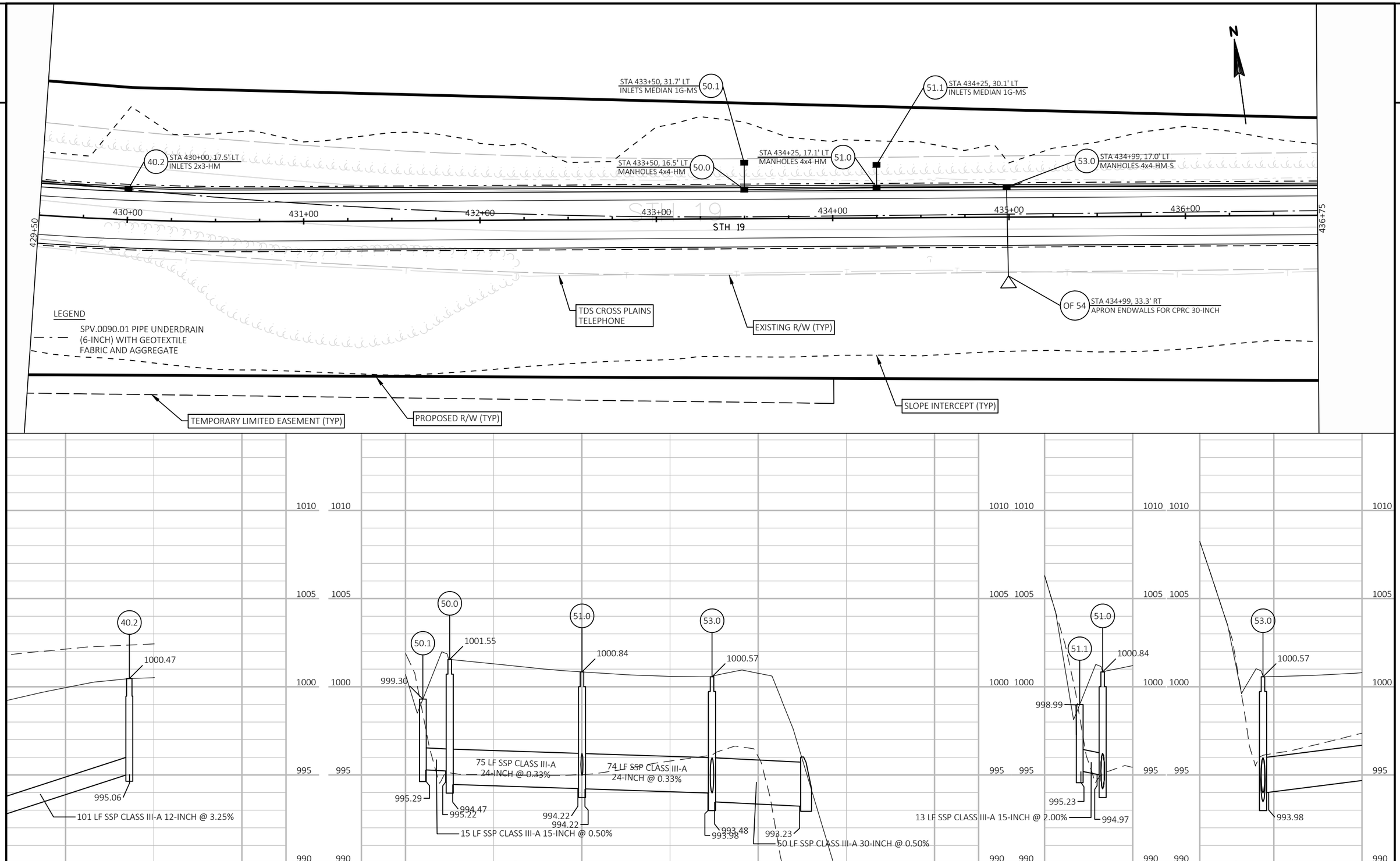
2





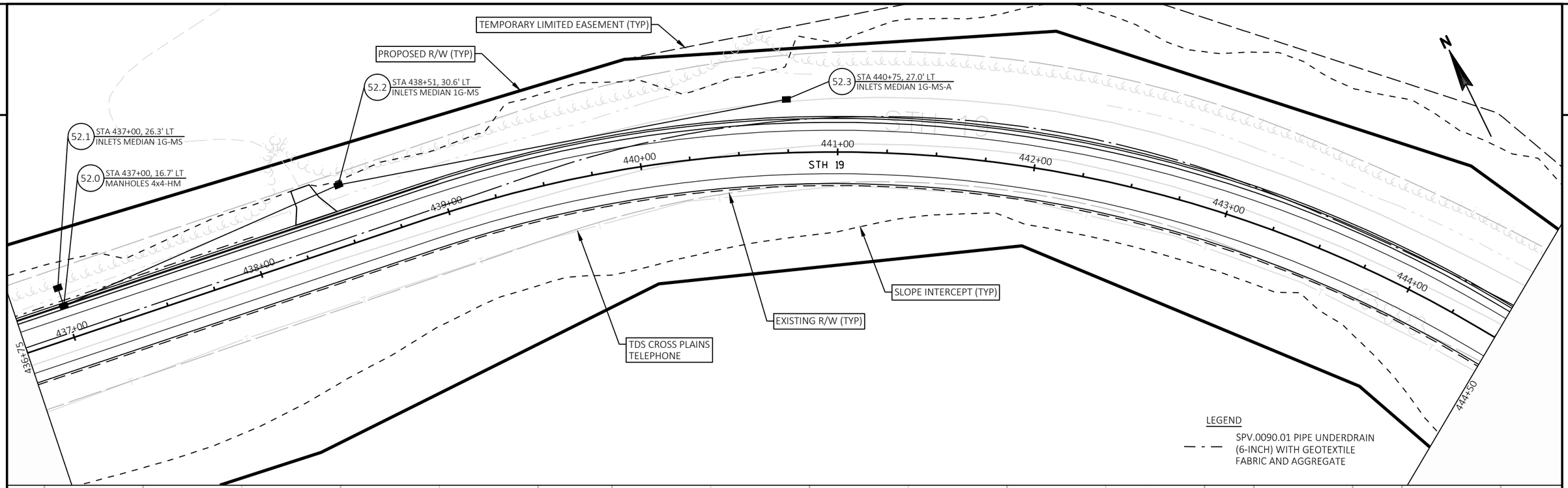
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 151	E

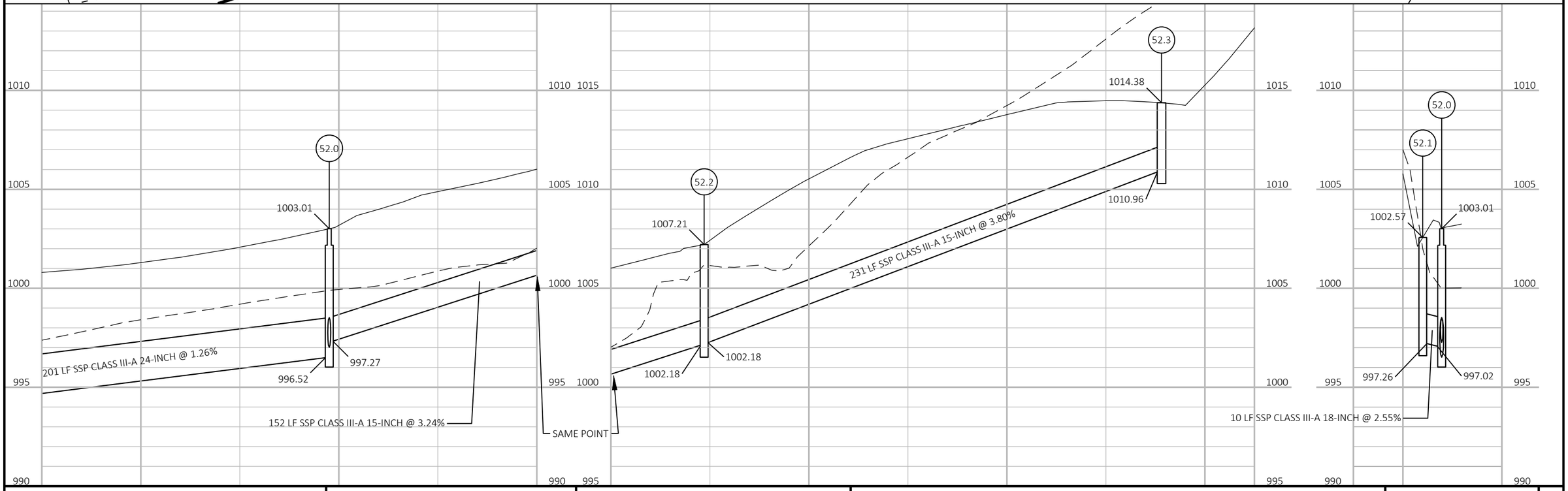
2



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 152	E

2





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 153	E

2

PROPOSED R/W (TYP)

TEMPORARY LIMITED EASEMENT (TYP)

55.1 STA 445+62, 36.8' LT
INLETS MEDIAN 1G-MS

STA 447+48, 17.0' LT
INLETS 4-HM 55.0

55.2 STA 447+48, 37.6' LT
INLETS MEDIAN 1G-MS

STA 449+44, 41.1' LT
INLETS MEDIAN 1G-MS 57.1

STA 449+00, 36.1' LT
INLETS MEDIAN 1G-MS 57.2

57.0 STA 449+44, 17.0' LT
MANHOLES 4x4-HM-S

56.0 STA 449+54, 17.0' LT
INLETS 4-HM-S

STA 451+48, 17.0' LT
INLETS 2x3-HM 56.1

56.2 STA 451+48, 27.0' LT
INLETS MEDIAN 1G-MS

TDS CROSS PLAINS
TELEPHONE

445+00

446+00

447+00

448+00

449+00

450+00

451+00

452+0

444+50

STH 19

WHIPPOORWILL ROAD

TDS CROSS PLAINS
TELEPHONE

SLOPE INTERCEPT (TYP)

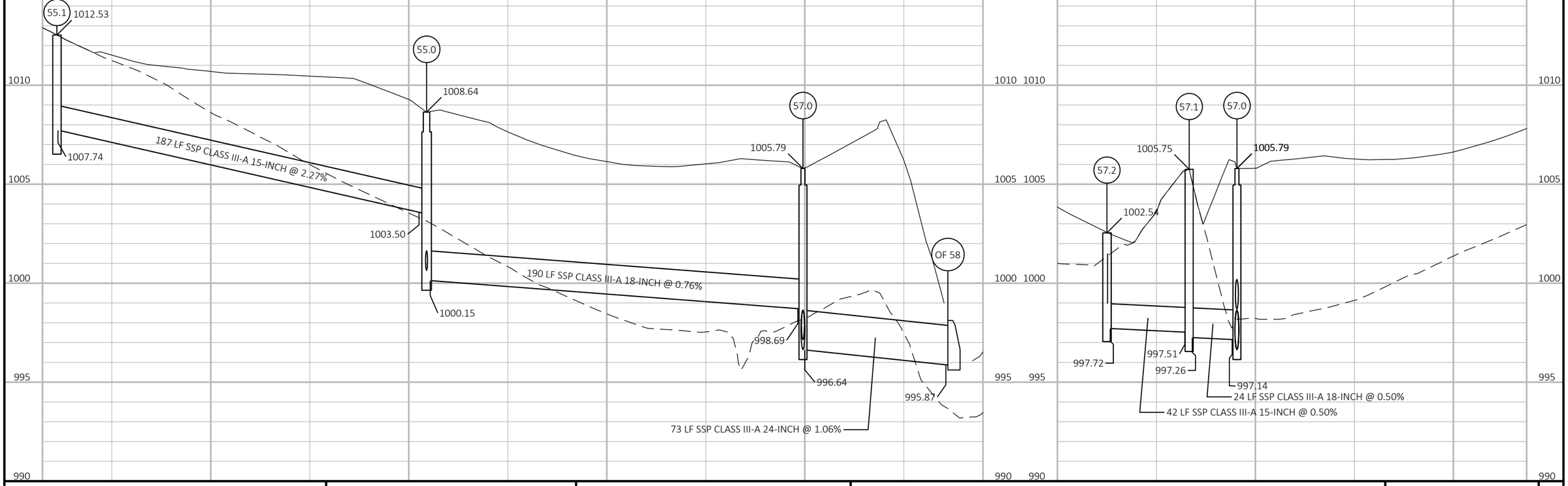
EXISTING R/W (TYP)

OF 58 STA 449+14, 49.5' RT
APRON ENDWALLS FOR CPRC 24-INCH

N

LEGEND

SPV.0090.01 PIPE UNDERDRAIN
(6-INCH) WITH GEOTEXTILE
FABRIC AND AGGREGATE



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 154	E

2

PROPOSED R/W (TYP)

TEMPORARY LIMITED EASEMENT (TYP)

55.1 STA 445+62, 36.8' LT
INLETS MEDIAN 1G-MS

STA 447+48, 17.0' LT
INLETS 4-HM 55.0

55.2 STA 447+48, 37.6' LT
INLETS MEDIAN 1G-MS

STA 449+00, 36.1' LT
INLETS MEDIAN 1G-MS 57.2

STA 449+44, 41.1' LT
INLETS MEDIAN 1G-MS 57.1

57.0 STA 449+44, 17.0' LT
MANHOLES 4x4-HM-S

56.0 STA 449+54, 17.0' LT
INLETS 4-HM-S

TDS CROSS PLAINS TELEPHONE

STA 451+48, 17.0' LT
INLETS 2x3-HM 56.1

56.2 STA 451+48, 27.0' LT
INLETS MEDIAN 1G-MS

445+00 446+00 447+00 448+00 449+00 450+00 451+00 452+0

444+50

STH 19

WHIPPOORWILL ROAD

TDS CROSS PLAINS TELEPHONE

SLOPE INTERCEPT (TYP)

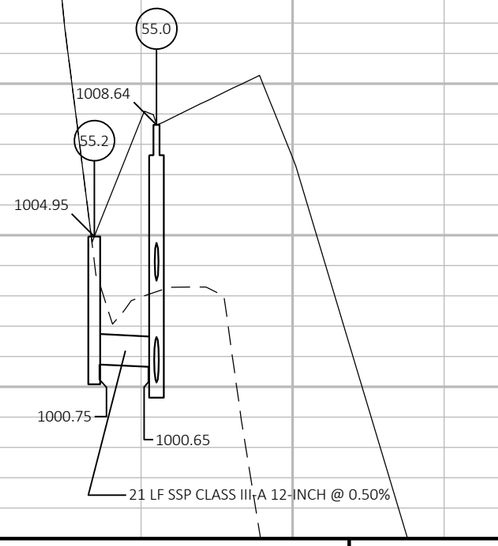
EXISTING R/W (TYP)

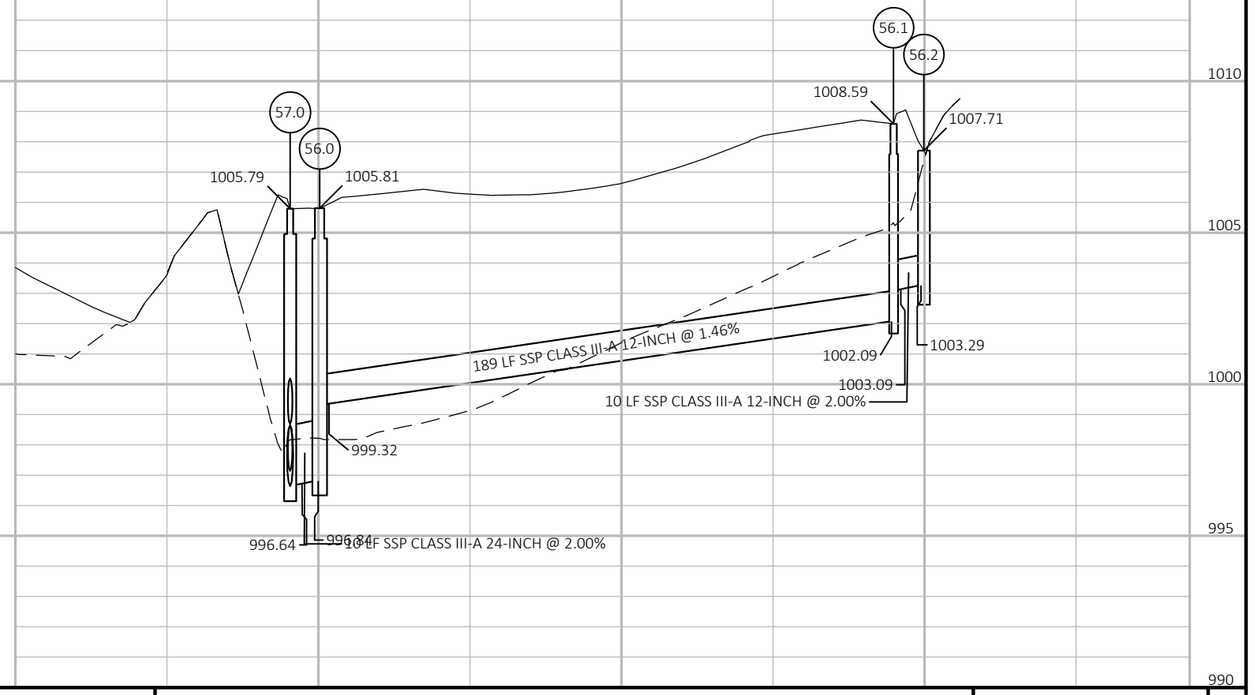
OF 58 STA 449+14, 49.5' RT
APRON ENDWALLS FOR CPRC 24-INCH

N

LEGEND

SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE





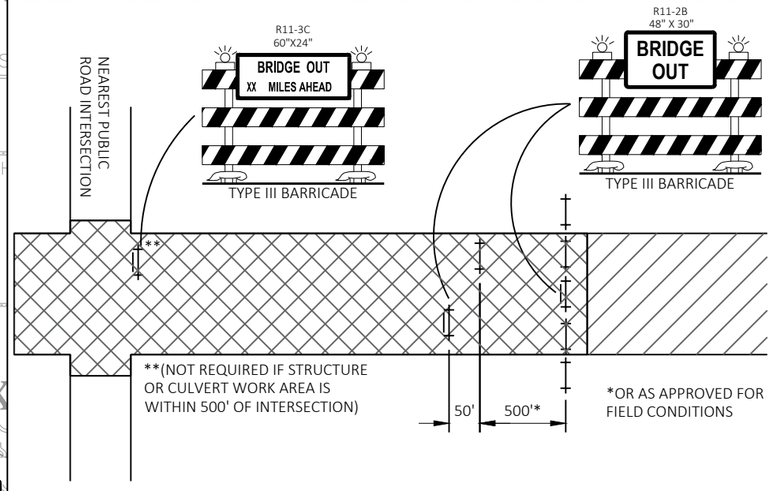
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	STORM SEWER	SHEET 155	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\022503_SS.DWG
LAYOUT NAME - 025514.5_ss

PLOT DATE : 7/26/2023 2:58 PM PLOT BY : LOGAN CHART PLOT NAME : PLOT SCALE : 1 IN:50 FT

NOTES:
INSTALL ON BOTH SIDES OF STRUCTURE OR CULVERT WORK AREA

SEE SDD "BARRICADES AND SIGNS FOR VARIOUS CLOSURES" DETAIL D AND DETAIL E FOR FURTHER DETAILS



BARRICADES AND SIGNS FOR STRUCTURE OR CULVERT WORK

LEGEND

- PROPOSED SIGN MOUNTED ON POST
- 19 — NEW SIGN
- DETOUR ROUTE
- WORK ZONE
- STRUCTURE OR CULVERT WORK AREA
- MB — PORTABLE CHANGEABLE MESSAGE SIGN
- TYPE III BARRICADE / TYPE III BARRICADE WITH SIGN

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS

ALL M3 SIGNS (NORTH, SOUTH, EAST, WEST) WHICH ARE PART OF ANY DETOUR ROUTE MARKER SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND

ALL MO5 AND MO6 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE

REFERENCE SDD 15C02-a, SDD 15C02-b, and SDD 15C02-c.

SEE SDD "BARRICADES AND SIGNS FOR SIDEROAD CLOSURES" DETAIL FOR TRAFFIC CONTROL AT ALL SIDEROADS WITHIN THE WORK ZONE

INSTALL PCMS 7 DAYS PRIOR TO START OF CONSTRUCTION. PCMS TO READ:

FRAME 1	FRAME 2
HWY 19 TO CLOSE	XXXXDAY XX/XX

DETAIL B

DETAIL C

DETAIL A

DETAIL D

BEGIN PROJECT

END PROJECT

Mazomanie

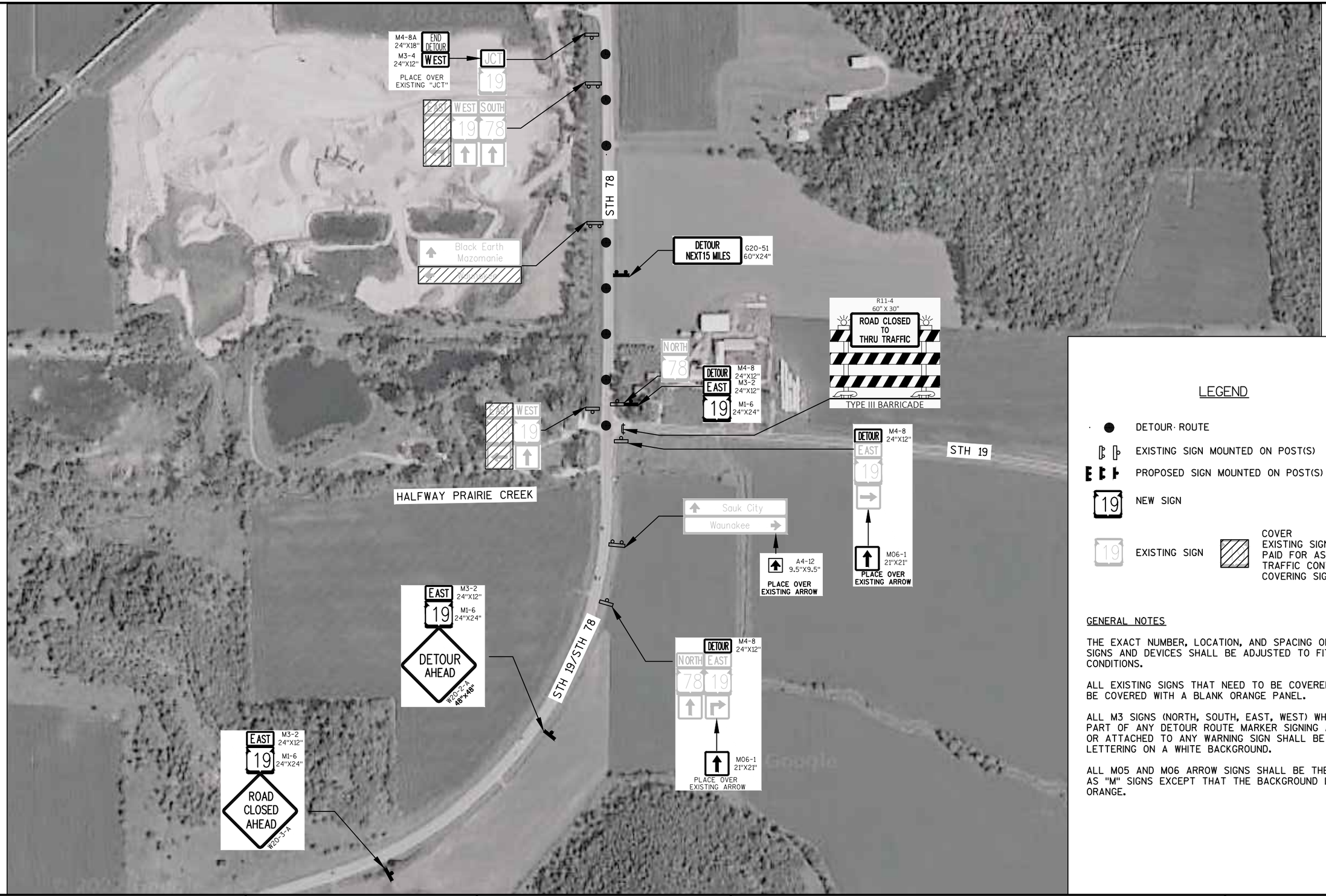
Marxsville

Martinsville

Springfield Corners

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	DETOUR	SHEET 156	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\027101-DT.DWG
LAYOUT NAME - Plan
PLOT DATE : 7/24/2023 4:33 PM
PLOT BY : JAY HILLE
PLOT NAME :
PLOT SCALE : 1 IN:1 MI



LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 19 NEW SIGN
- 19 EXISTING SIGN
- COVER EXISTING SIGN PAID FOR AS TRAFFIC CONTROL COVERING SIGNS TYPE II

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.

ALL M3 SIGNS (NORTH, SOUTH, EAST, WEST) WHICH ARE PART OF ANY DETOUR ROUTE MARKER SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

ALL M05 AND M06 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	DETOUR - DETAIL A	SHEET 157 E

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 19 — NEW SIGN
- 19 — EXISTING SIGN
- COVER EXISTING SIGN PAID FOR AS TRAFFIC CONTROL COVERING SIGNS TYPE II

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

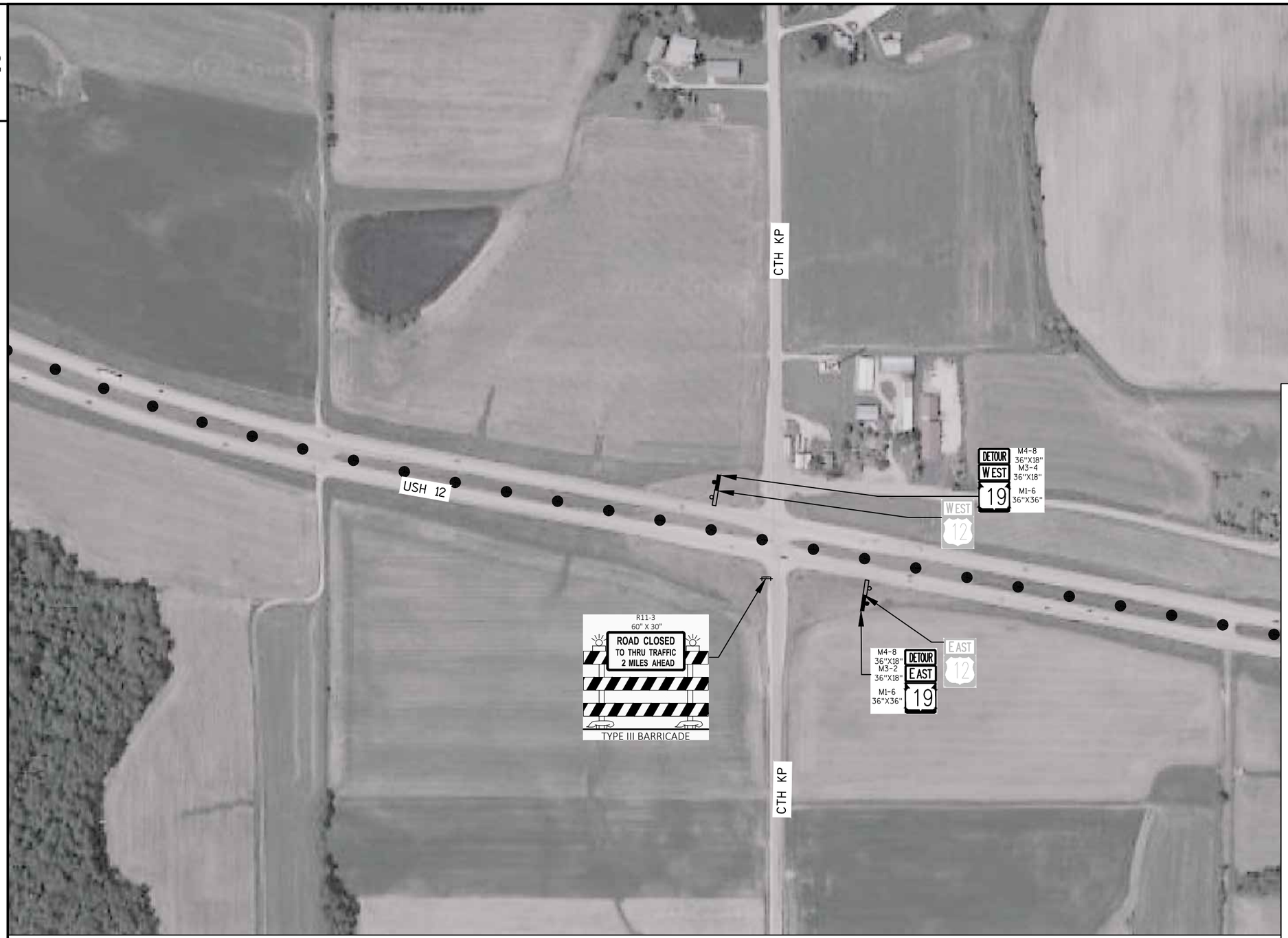
ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.

ALL M3 SIGNS (NORTH, SOUTH, EAST, WEST) WHICH ARE PART OF ANY DETOUR ROUTE MARKER SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

ALL M05 AND M06 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	DETOUR - DETAIL B	SHEET 158 E

2



LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 19 NEW SIGN
- 19 EXISTING SIGN
- COVER EXISTING SIGN PAID FOR AS TRAFFIC CONTROL COVERING SIGNS TYPE II

GENERAL NOTES

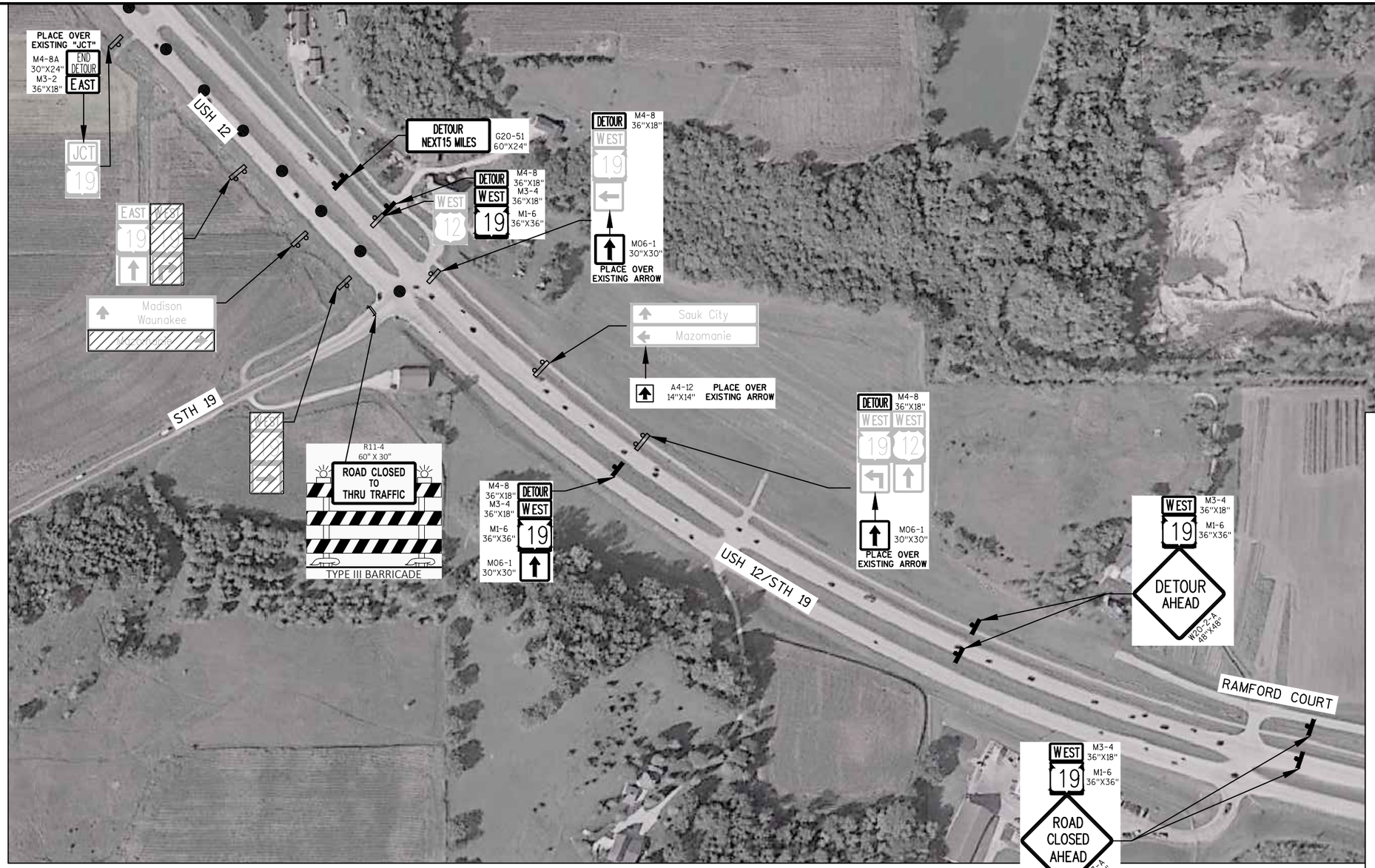
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.

ALL M3 SIGNS (NORTH, SOUTH, EAST, WEST) WHICH ARE PART OF ANY DETOUR ROUTE MARKER SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

ALL M05 AND M06 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	DETOUR - DETAIL C	SHEET 159 E



N

LEGEND

- DETOUR ROUTE
- EXISTING SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON POST(S)
- 19 — NEW SIGN
- 19 — EXISTING SIGN
- COVER EXISTING SIGN PAID FOR AS TRAFFIC CONTROL COVERING SIGNS TYPE II

GENERAL NOTES

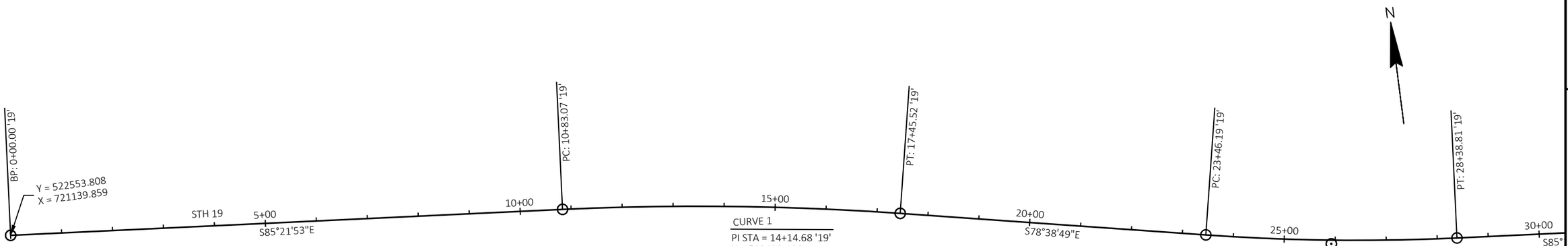
THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

ALL EXISTING SIGNS THAT NEED TO BE COVERED SHALL BE COVERED WITH A BLANK ORANGE PANEL.

ALL M3 SIGNS (NORTH, SOUTH, EAST, WEST) WHICH ARE PART OF ANY DETOUR ROUTE MARKER SIGNING ASSEMBLY OR ATTACHED TO ANY WARNING SIGN SHALL BE BLACK LETTERING ON A WHITE BACKGROUND.

ALL M05 AND M06 ARROW SIGNS SHALL BE THE SAME AS "M" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

2

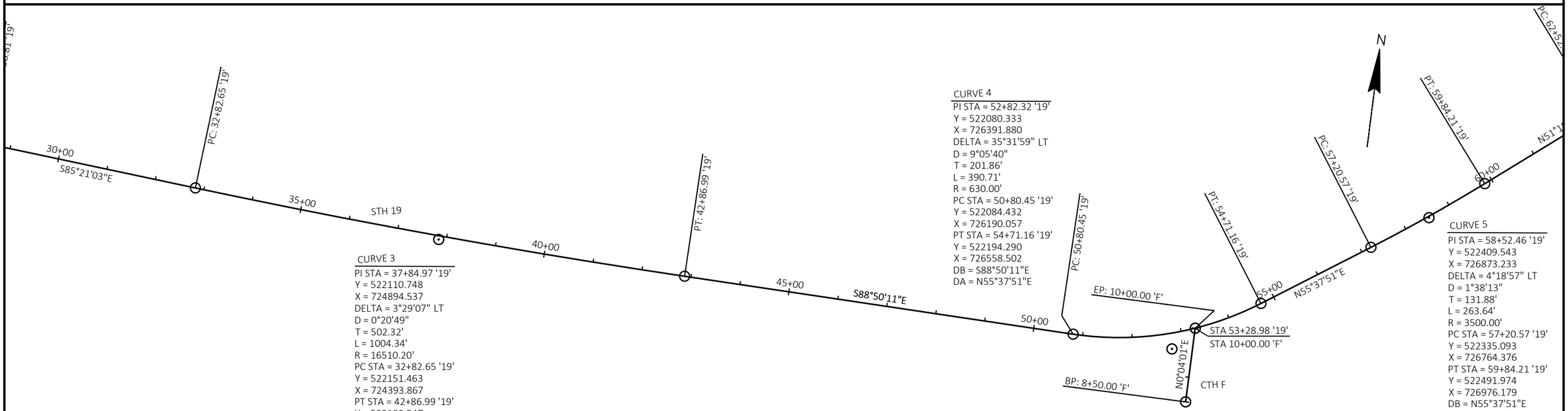


HORIZONTAL CURVE	1	2	4	5
PI STA	14+14	25+92	52+82	58+52
SE RATE	2.80%	2.00% RC	4.60%	3.50%
BEGIN TRANSITION	9+91	22+43	49+27	57+12*
BEGIN RUNOFF	10+42	22+94	49+78	-
BEGIN FULL SE	11+03	23+71	51+31	57+50
END FULL SE	17+25	28+13	54+30	59+54
END RUNOFF	17+86	28+90	-	60+43
END TRANSITION	18+37	29+41	54+95*	60+94

*TRANSITIONS ARE IN REVERSE CROWN AT AND BETWEEN STATIONS

CURVE 1
PI STA = 14+14.68 '19'
Y = 522439.486
X = 722549.910
DELTA = 6°43'04" RT
D = 1°00'51"
T = 331.61'
L = 662.45'
R = 5650.00'
PC STA = 10+83.07 '19'
Y = 522466.284
X = 722219.389
PT STA = 17+45.52 '19'
Y = 522374.209
X = 722875.026
DB = S85°21'53"E
DA = S78°38'49"E

CURVE 2
PI STA = 25+92.78 '19'
Y = 522207.424
X = 723705.705
DELTA = 6°42'14" LT
D = 1°21'39"
T = 246.59'
L = 492.62'
R = 4210.20'
PC STA = 23+46.19 '19'
Y = 522255.966
X = 723463.940
PT STA = 28+38.81 '19'
Y = 522187.437
X = 723951.484
DB = S78°38'49"E
DA = S85°21'03"E



CURVE 3
PI STA = 37+84.97 '19'
Y = 522110.748
X = 724894.537
DELTA = 3°29'07" LT
D = 0°20'49"
T = 502.32'
L = 1004.34'
R = 16510.20'
PC STA = 32+82.65 '19'
Y = 522151.463
X = 724393.867
PT STA = 42+86.99 '19'
Y = 522100.547
X = 725396.757
DB = S85°21'03"E
DA = S88°50'11"E
SE RATE: NC

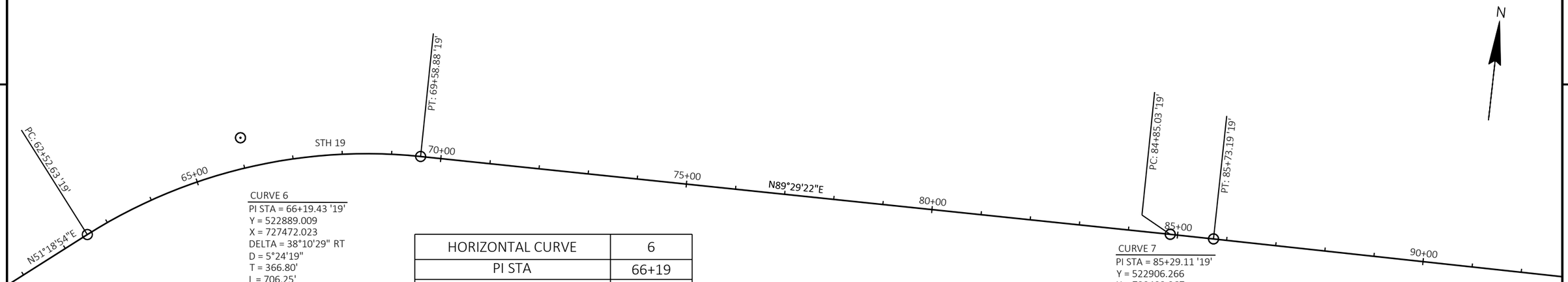
CURVE 4
PI STA = 52+82.32 '19'
Y = 522080.333
X = 726391.880
DELTA = 35°31'59" LT
D = 9°05'40"
T = 201.86'
L = 390.71'
R = 630.00'
PC STA = 50+80.45 '19'
Y = 522084.432
X = 726190.057
PT STA = 54+71.16 '19'
Y = 522194.290
X = 726558.502
DB = S88°50'11"E
DA = N55°37'51"E

CURVE 5
PI STA = 58+52.46 '19'
Y = 522409.543
X = 726873.233
DELTA = 4°18'57" LT
D = 1°38'13"
T = 131.88'
L = 263.64'
R = 3500.00'
PC STA = 57+20.57 '19'
Y = 522335.093
X = 726764.376
PT STA = 59+84.21 '19'
Y = 522491.974
X = 726976.179
DB = N55°37'51"E
DA = N51°18'54"E

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 161	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - 027201_ad
PLOT DATE : 7/21/2022 9:49 AM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

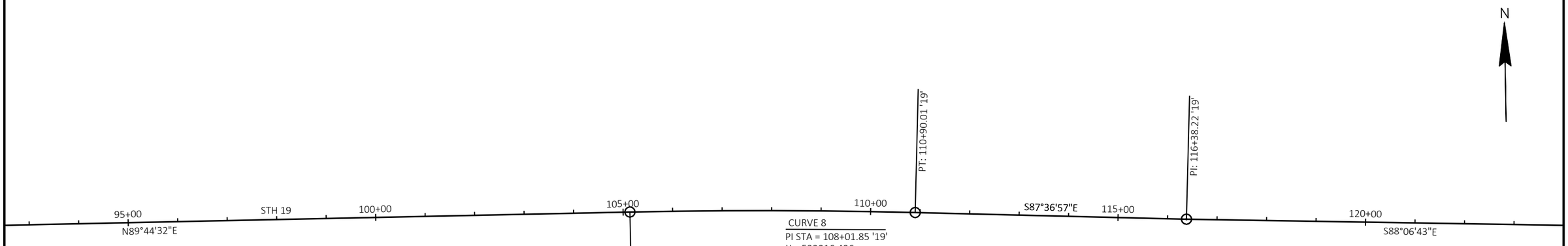
2



CURVE 6
PI STA = 66+19.43 '19'
Y = 522889.009
X = 727472.023
DELTA = 38°10'29" RT
D = 5°24'19"
T = 366.80'
L = 706.25'
R = 1060.00'
PC STA = 62+52.63 '19'
Y = 522659.747
X = 727185.705
PT STA = 69+58.88 '19'
Y = 522892.277
X = 727838.804
DB = N51°18'54"E
DA = N89°29'22"E

HORIZONTAL CURVE	6
PI STA	66+19
SE RATE	6.00%
BEGIN TRANSITION	60+99
BEGIN RUNOFF	61+50
BEGIN FULL SE	63+03
END FULL SE	69+07
END RUNOFF	70+60
END TRANSITION	71+11

CURVE 7
PI STA = 85+29.11 '19'
Y = 522906.266
X = 729408.967
DELTA = 0°15'09" RT
D = 0°17'11"
T = 44.08'
L = 88.16'
R = 20000.00'
PC STA = 84+85.03 '19'
Y = 522905.873
X = 729364.889
PT STA = 85+73.19 '19'
Y = 522906.464
X = 729453.046
DB = N89°29'22"E
DA = N89°44'32"E
SE RATE: NC

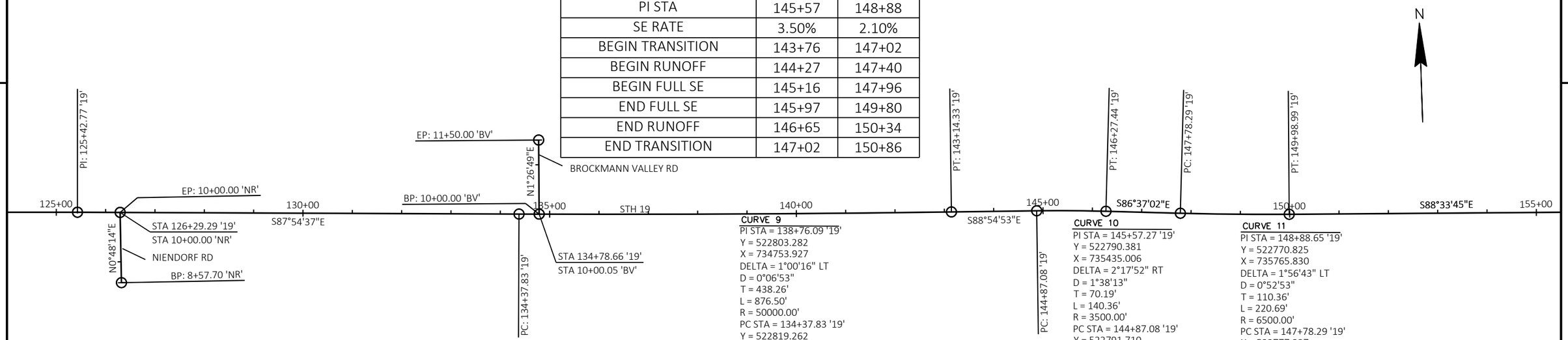


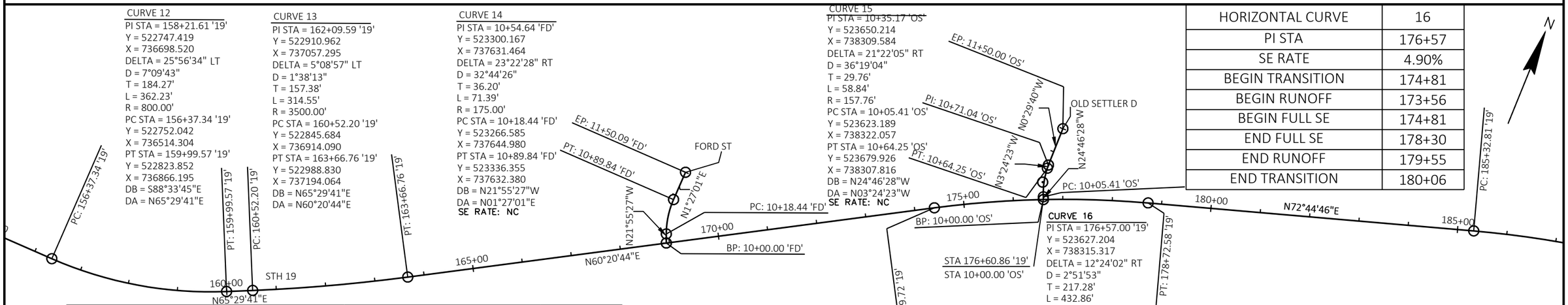
CURVE 8
PI STA = 108+01.85 '19'
Y = 522916.496
X = 731681.692
DELTA = 2°38'32" RT
D = 0°27'30"
T = 288.26'
L = 576.42'
R = 12500.00'
PC STA = 105+13.59 '19'
Y = 522915.198
X = 731393.434
PT STA = 110+90.01 '19'
Y = 522904.504
X = 731969.703
DB = N89°44'32"E
DA = S87°36'57"E
SE RATE: NC

HORIZONTAL CURVE 8 LEVEL CROWN BEGINS THE LEVEL CROWN FOR HORIZONTAL CURVE 9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 162	E

HORIZONTAL CURVE	10	11
PI STA	145+57	148+88
SE RATE	3.50%	2.10%
BEGIN TRANSITION	143+76	147+02
BEGIN RUNOFF	144+27	147+40
BEGIN FULL SE	145+16	147+96
END FULL SE	145+97	149+80
END RUNOFF	146+65	150+34
END TRANSITION	147+02	150+86



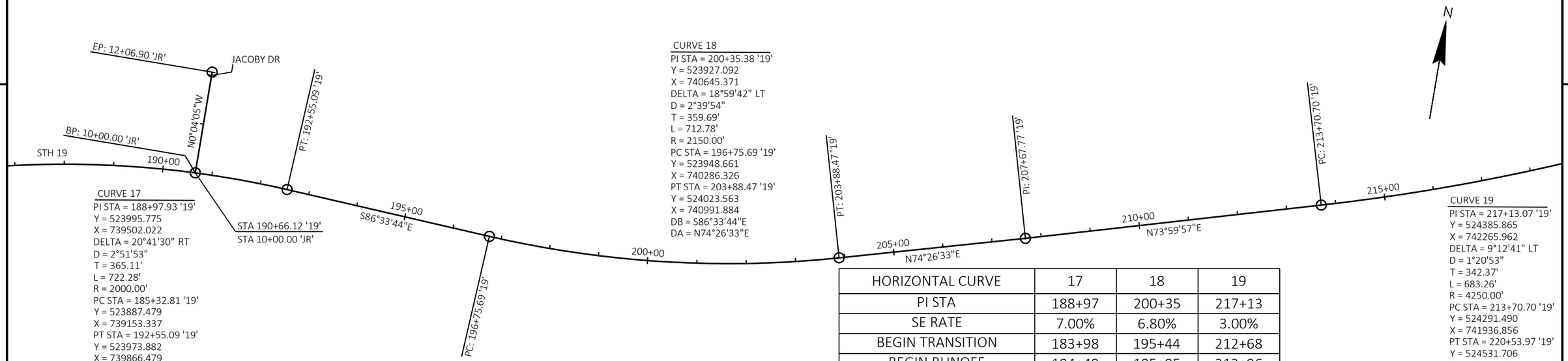


HORIZONTAL CURVE	16
PI STA	176+57
SE RATE	4.90%
BEGIN TRANSITION	174+81
BEGIN RUNOFF	173+56
BEGIN FULL SE	174+81
END FULL SE	178+30
END RUNOFF	179+55
END TRANSITION	180+06

HORIZONTAL CURVE	12
PI STA	158+21
SE RATE	7.00%
BEGIN TRANSITION	154+84
BEGIN RUNOFF	155+35
BEGIN FULL SE	156+88
END FULL SE	159+48

HORIZONTAL CURVE	13
PI STA	162+09
SE RATE	6.70%
BEGIN TRANSITION	160+27
BEGIN FULL SE	160+81
END FULL SE	163+37
END RUNOFF	164+26
END TRANSITION	164+76

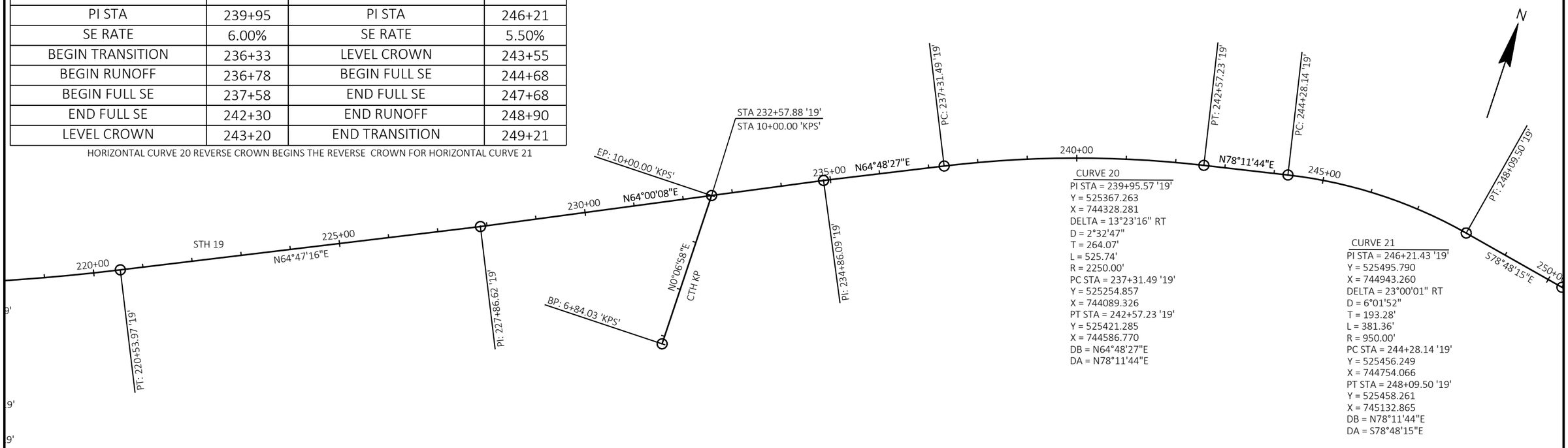
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 163	E



HORIZONTAL CURVE	17	18	19
PI STA	188+97	200+35	217+13
SE RATE	7.00%	6.80%	3.00%
BEGIN TRANSITION	183+98	195+44	212+68
BEGIN RUNOFF	184+49	195+95	213+96
BEGIN FULL SE	185+74	197+15	213+96
END FULL SE	192+13	203+48	220+28
END RUNOFF	193+38	204+68	221+05
END TRANSITION	193+89	205+19	221+56

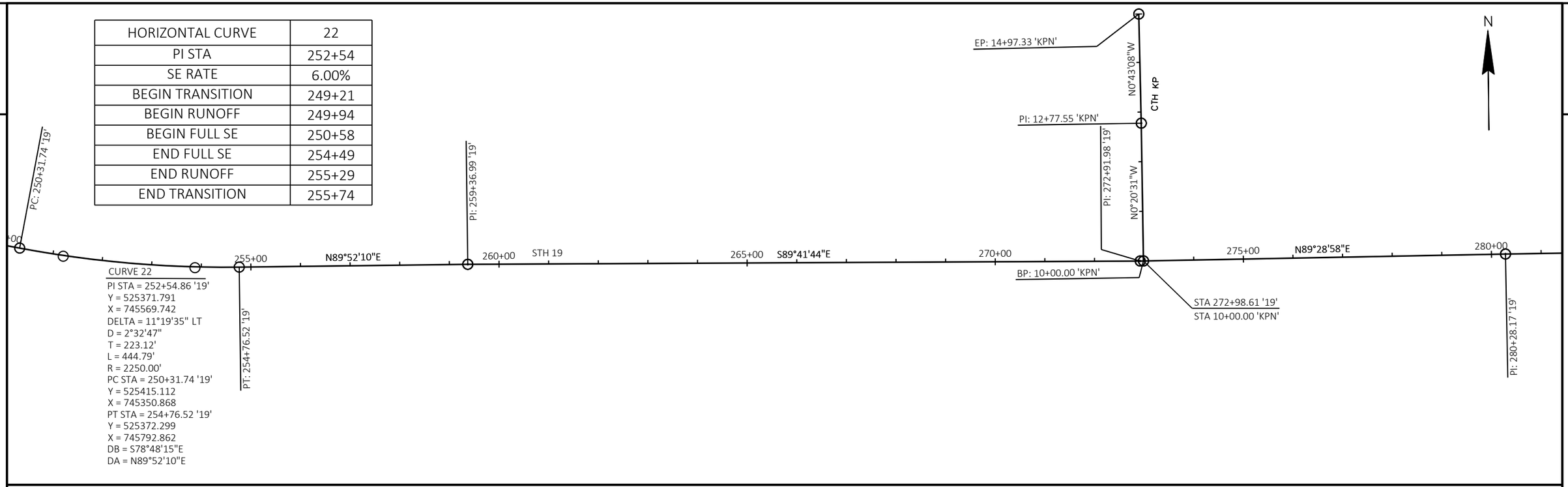
HORIZONTAL CURVE	20	HORIZONTAL CURVE	21
PI STA	239+95	PI STA	246+21
SE RATE	6.00%	SE RATE	5.50%
BEGIN TRANSITION	236+33	LEVEL CROWN	243+55
BEGIN RUNOFF	236+78	BEGIN FULL SE	244+68
BEGIN FULL SE	237+58	END FULL SE	247+68
END FULL SE	242+30	END RUNOFF	248+90
LEVEL CROWN	243+20	END TRANSITION	249+21

HORIZONTAL CURVE 20 REVERSE CROWN BEGINS THE REVERSE CROWN FOR HORIZONTAL CURVE 21



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 164	E

HORIZONTAL CURVE	22
PI STA	252+54
SE RATE	6.00%
BEGIN TRANSITION	249+21
BEGIN RUNOFF	249+94
BEGIN FULL SE	250+58
END FULL SE	254+49
END RUNOFF	255+29
END TRANSITION	255+74



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 165	E

EP: 11+16.50 'WD'
WEATHERWOOD DR
PI: 10+51.47 'WD'
N22°36'28"E
N19°33'14"E
STA 312+69.13 '19'
STA ??? 'WD'
PT: 314+69.25 '19'
BP: 10+00.00 'WD'
315+00
S69°25'05"E
EP: 10+00.00 'K'
PI: 7+98.65 'K'
N0°42'19"E
N0°24'45"E
BP: 6+69.71 'K'
STA 312+61.49 '19'
STA 9+97.91 'K'
PC: 316+31.55 '19'

CURVE 23
PI STA = 312+72.88 '19'
Y = 525402.017
X = 751588.983
DELTA = 21°29'01" RT
D = 5°24'19"
T = 201.09'
L = 397.46'
R = 1060.00'
PC STA = 310+71.79 '19'
Y = 525398.853
X = 751387.917
PT STA = 314+69.25 '19'
Y = 525331.325
X = 751777.238
DB = N89°05'54"E
DA = S69°25'05"E

PT: 318+08.21 '19'
STH 19
320+00
S74°28'44"E

CURVE 24
PI STA = 317+19.94 '19'
Y = 525243.195
X = 752011.927
DELTA = 5°03'39" LT
D = 2°51'53"
T = 88.39'
L = 176.66'
R = 2000.00'
PC STA = 316+31.55 '19'
Y = 525274.267
X = 751929.183
PT STA = 318+08.21 '19'
Y = 525219.544
X = 752097.089
DB = S69°25'05"E
DA = S74°28'44"E

CURVE 25
PI STA = 325+40.03
Y = 525023.714
X = 752802.220
DELTA = 22°20'31" RT
D = 5°24'19"
T = 209.33'
L = 413.34'
R = 1060.00'
PC STA = 323+30.70
Y = 525079.729
X = 752600.526
PT STA = 327+44.03
Y = 524895.234
X = 752967.479
DB = S74°28'44"E
DA = S52°08'13"E

PC: 323+30.70 '19'
STA 326+86.15 '19'
STA 9+95.54 'LL'
325+00
EP: 10+00.00 'LL'
PT: 9+81.26 'LL'
PC: 9+21.80 'LL'
PI: 9+11.42 'LL'
N5°27'49"E
N2°56'36"E
N21°31'20"E
BP: 8+54.18 'LL'
LILAC LN

PI STA = 9+51.73 'LL'
Y = 524888.373
X = 752904.614
DELTA = 16°03'31" RT
D = 27°00'14"
T = 29.93'
L = 59.47'
R = 212.18'
PC STA = 9+21.80 'LL'
Y = 524858.579
X = 752901.764
PT STA = 9+81.26 'LL'
Y = 524916.216
X = 752915.594
DB = N05°27'49"E
DA = N21°31'20"E
SE RATE=NC

PT: 327+44.03 '19'
S52°08'13"E
330+00
PC: 329+73.24 '19'

CURVE 26
PI STA = 334+23.31 '19'
Y = 524478.309
X = 753503.757
DELTA = 65°28'44" LT
D = 8°11'06"
T = 450.07'
L = 799.98'
R = 700.00'
PC STA = 329+73.24 '19'
Y = 524754.553
X = 753148.433
PT STA = 337+73.22 '19'
Y = 524686.937
X = 753902.555
DB = S52°08'13"E
DA = N62°23'03"E

N
PT: 337+73.22 '19'
335+00
PC: 340+64.49 '19'
340+00
N62°23'03"E

CURVE 27
PI STA = 341+60.29 '19'
Y = 524866.362
X = 754245.533
DELTA = 12°50'45" RT
D = 6°43'58"
T = 95.80'
L = 190.80'
R = 851.00'
PC STA = 340+64.49 '19'
Y = 524821.955
X = 754160.647
PT STA = 342+55.29 '19'
Y = 524890.785
X = 754338.167
DB = N62°23'03"E
DA = N75°13'48"E

PT: 342+55.29 '19'
N75°13'48"E
345+00
PC: 344+69.32 '19'
DB = N59°
DA = N06°

2

CURVE 30
PI STA = 358+55.28 '19'
Y = 526079.865
X = 755130.159
DELTA = 24°39'24" RT
D = 5°24'19"
T = 231.67'
L = 456.16'
R = 1060.00'
PC STA = 356+23.61 '19'
Y = 525849.782
X = 755103.103
PT STA = 360+79.78 '19'
Y = 526277.681
X = 755250.735
DB = N06°42'25"E
DA = N31°21'49"E

PT: 360+79.78 '19'
N31°21'49"E
365+00
PC: 364+46.65 '19'
N38°25'12"W
WORK RD
EP: 11+16.69 'WR'
BP: 10+00.00 'WR'
STA 366+45.66 '19'
STA 10+21.80 'WR'
370+00

CURVE 31
PI STA = 368+69.48 '19'
Y = 526951.991
X = 755661.748
DELTA = 66°39'23" RT
D = 8°54'39"
T = 422.82'
L = 748.05'
R = 643.00'
PC STA = 364+46.65 '19'
Y = 526590.949
X = 755441.681
PT STA = 371+94.70 '19'
Y = 526892.999
X = 756080.438
DB = N31°21'49"E
DA = S81°58'48"E

N

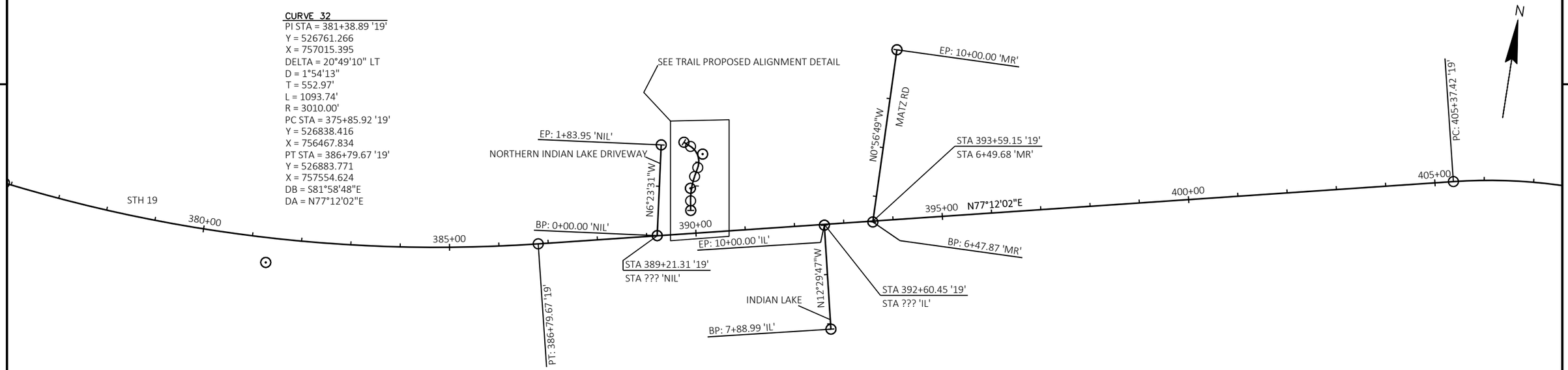
CURVE 28
PI STA = 345+59.20 '19'
Y = 524968.264
X = 754632.035
DELTA = 15°54'54" LT
D = 8°54'39"
T = 89.88'
L = 178.60'
R = 643.00'
PC STA = 344+69.32 '19'
Y = 524945.350
X = 754545.124
PT STA = 346+47.92 '19'
Y = 525014.132
X = 754709.331
DB = N75°13'48"E
DA = N59°18'54"E

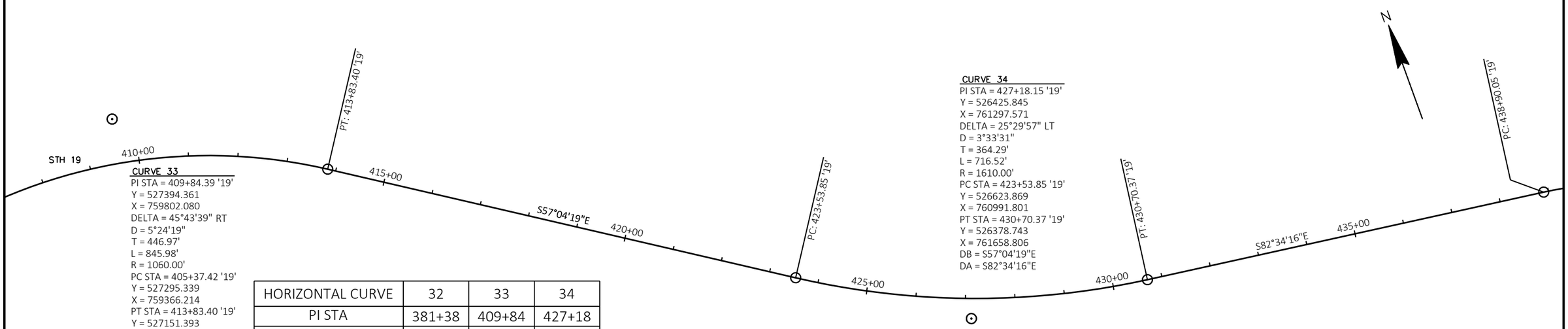
CURVE 29
PI STA = 350+17.31 '19'
Y = 525202.638
X = 755027.002
DELTA = 52°36'29" LT
D = 8°54'39"
T = 317.85'
L = 590.39'
R = 643.00'
PC STA = 346+99.46 '19'
Y = 525040.435
X = 754753.657
PT STA = 352+89.86 '19'
Y = 525518.311
X = 755064.123
DB = N59°18'54"E
DA = N06°42'25"E

PT: 342+55.29 '19'
PT: 346+47.92 '19'
PC: 346+99.46 '19'
PC: 356+23.61 '19'
PT: 352+89.86 '19'
355+00
N6°42'25"E
PT: 371+94.70 '19'
S81°58'48"E
375+00
PC: 375+85.92 '19'
N75°13'48"E
345+00
N59°18'54"E
STH 19
350+00
PC: 344+69.32 '19'

HORIZONTAL CURVE	23	24	25	26	27	28	29	30	31
PI STA	312+72	317+19	325+40	334+23	341+60	345+59	350+17	358+55	368+69
SE RATE	6.00%	2.00% RC	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%	6.00%
BEGIN TRANSITION	309+18	-	321+77	-	-	-	-	354+70	362+93
BEGIN RUNOFF	309+69	-	322+28	-	-	-	-	355+21	363+44
BEGIN FULL SE	311+22	316+73	323+81	330+24	341+15	345+20	-	356+74	364+97
END FULL SE	314+18	317+66	326+93	337+22	342+04	-	352+38	360+28	371+43
END RUNOFF	-	318+91	-	-	-	-	353+91	361+81	372+96
END TRANSITION	-	319+42	-	-	-	-	354+42	362+32	373+47

CURVE 32
PI STA = 381+38.89 '19'
Y = 526761.266
X = 757015.395
DELTA = 20°49'10" LT
D = 1°54'13"
T = 552.97'
L = 1093.74'
R = 3010.00'
PC STA = 375+85.92 '19'
Y = 526838.416
X = 756467.834
PT STA = 386+79.67 '19'
Y = 526883.771
X = 757554.624
DB = S81°58'48"E
DA = N77°12'02"E

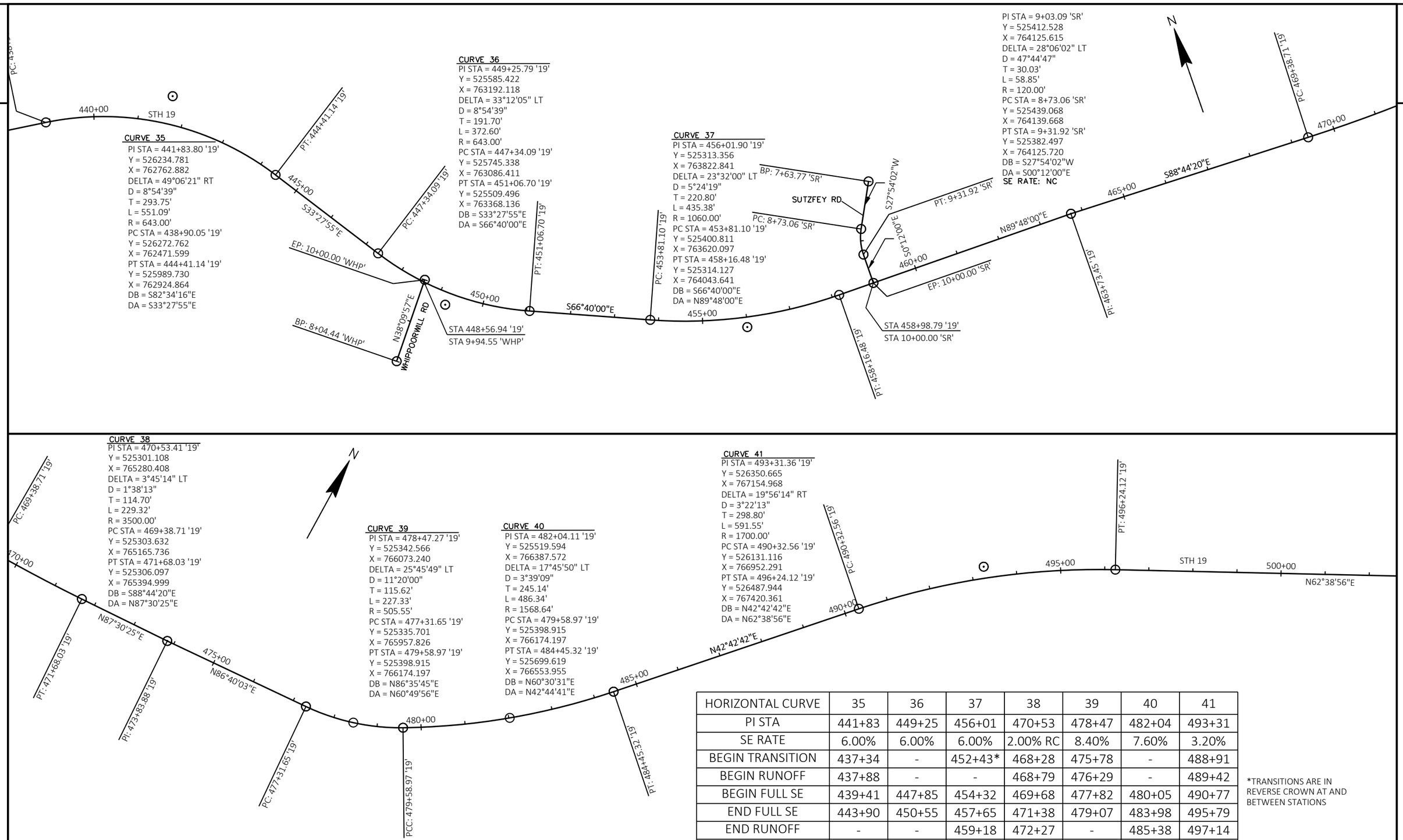




CURVE 33
PI STA = 409+84.39 '19'
Y = 527394.361
X = 759802.080
DELTA = 45°43'39" RT
D = 5°24'19"
T = 446.97'
L = 845.98'
R = 1060.00'
PC STA = 405+37.42 '19'
Y = 527295.339
X = 759366.214
PT STA = 413+83.40 '19'
Y = 527151.393
X = 760177.248
DB = N77°12'02"E
DA = S57°04'19"E

HORIZONTAL CURVE	32	33	34
PI STA	381+38	409+84	427+18
SE RATE	4.80%	6.00%	5.40%
BEGIN TRANSITION	374+52	403+84	422+10
BEGIN RUNOFF	375+03	404+35	422+61
BEGIN FULL SE	376+26	405+88	423+99
END FULL SE	386+38	413+32	430+24
END RUNOFF	387+61	414+85	431+62
END TRANSITION	388+12	415+36	432+13

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 167	E



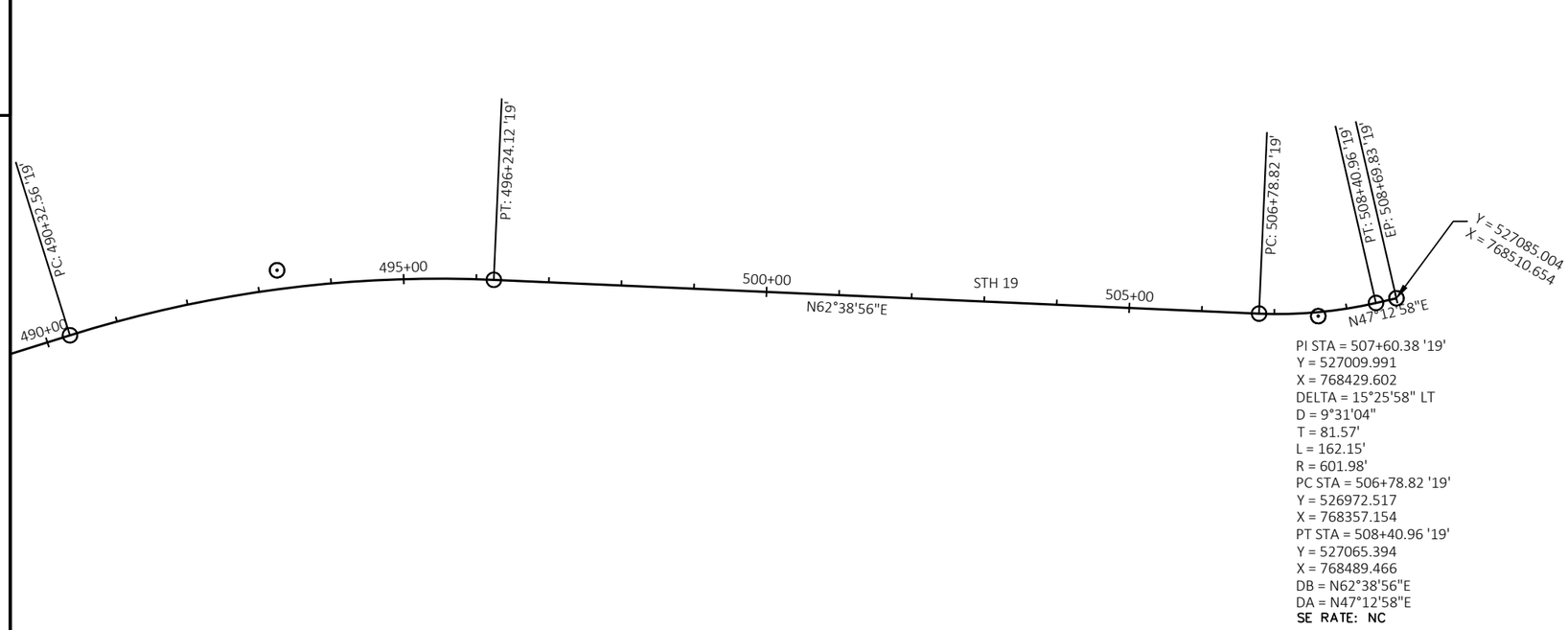
HORIZONTAL CURVE	35	36	37	38	39	40	41
PI STA	441+83	449+25	456+01	470+53	478+47	482+04	493+31
SE RATE	6.00%	6.00%	6.00%	2.00% RC	8.40%	7.60%	3.20%
BEGIN TRANSITION	437+34	-	452+43*	468+28	475+78	-	488+91
BEGIN RUNOFF	437+88	-	-	468+79	476+29	-	489+42
BEGIN FULL SE	439+41	447+85	454+32	469+68	477+82	480+05	490+77
END FULL SE	443+90	450+55	457+65	471+38	479+07	483+98	495+79
END RUNOFF	-	-	459+18	472+27	-	485+38	497+14
END TRANSITION	-	451+69*	459+69	472+78	-	485+89	497+65

*TRANSITIONS ARE IN REVERSE CROWN AT AND BETWEEN STATIONS

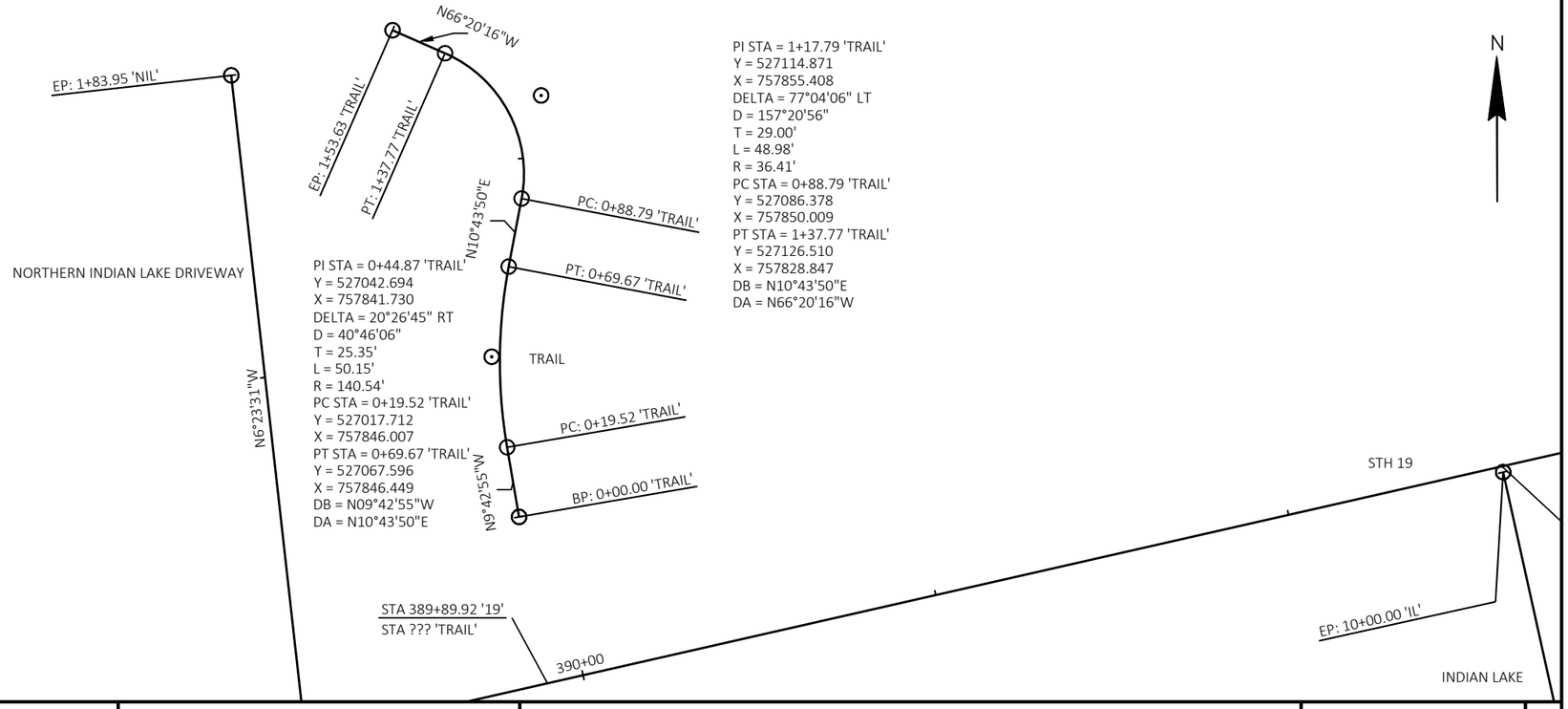
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 168	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - 027208_ad
PLOT DATE : 7/21/2022 9:50 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:200 FT

2



TRAIL PROPOSED ALIGNMENT DETAIL (SCALE 1 IN: 40 FT)



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 169	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - 027209_ad

PLOT DATE : 7/21/2022 9:50 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:200 FT

Estimate Of Quantities

5145-00-71

Line	Item	Item Description	Unit	Total	Qty
0002	201.0105	Clearing	STA	253.000	253.000
0004	201.0205	Grubbing	STA	253.000	253.000
0006	203.0100	Removing Small Pipe Culverts	EACH	80.000	80.000
0008	203.0220	Removing Structure (structure) 01. STA 27+20	EACH	1.000	1.000
0010	203.0220	Removing Structure (structure) 02. STA 39+78	EACH	1.000	1.000
0012	203.0220	Removing Structure (structure) 03. STA 288+22	EACH	1.000	1.000
0014	203.0220	Removing Structure (structure) 04. STA 306+19	EACH	1.000	1.000
0016	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 01. B-13-796	EACH	1.000	1.000
0018	203.0260	Removing Structure Over Waterway Minimal Debris (structure) 02. B-13-797	EACH	1.000	1.000
0020	204.0115	Removing Asphaltic Surface Butt Joints	SY	96.000	96.000
0022	204.0120	Removing Asphaltic Surface Milling	SY	75,540.000	75,540.000
0024	204.0150	Removing Curb & Gutter	LF	790.000	790.000
0026	204.0165	Removing Guardrail	LF	1,923.000	1,923.000
0028	204.0270	Abandoning Culvert Pipes	EACH	1.000	1.000
0030	205.0100	Excavation Common	CY	280,598.000	280,598.000
0032	205.0200	Excavation Rock	CY	1,544.000	1,544.000
0034	206.1001	Excavation for Structures Bridges (structure) 01. B-13-796	EACH	1.000	1.000
0036	206.1001	Excavation for Structures Bridges (structure) 02. B-13-797	EACH	1.000	1.000
0038	206.4001	Excavation for Structures Structural Plate Pipe or Pipe Arches (structure) 01. C-13-3098	EACH	1.000	1.000
0040	210.1500	Backfill Structure Type A	TON	772.000	772.000
0042	210.2100	Backfill Structure Type B	CY	1,663.000	1,663.000
0044	211.0101	Prepare Foundation for Asphaltic Paving (project) 01. 5145-00-71	EACH	1.000	1.000
0046	211.0400	Prepare Foundation for Asphaltic Shoulders	STA	300.000	300.000
0048	213.0100	Finishing Roadway (project) 01. 5145-00-71	EACH	1.000	1.000
0050	214.0100	Obliterating Old Road	STA	18.000	18.000
0052	305.0110	Base Aggregate Dense 3/4-Inch	TON	9,146.000	9,146.000
0054	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	83,570.000	83,570.000
0056	312.0110	Select Crushed Material	TON	87,420.000	87,420.000
0058	371.2000.S	QMP Base Aggregate Dense 1 1/4-Inch Compaction	EACH	56.000	56.000
0060	415.0080	Concrete Pavement 8-Inch	SY	120.000	120.000
0062	415.0410	Concrete Pavement Approach Slab	SY	184.000	184.000
0064	450.4000	HMA Cold Weather Paving	TON	3,000.000	3,000.000
0066	455.0605	Tack Coat	GAL	23,940.000	23,940.000
0068	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000
0070	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	3.000	3.000
0072	460.2005	Incentive Density PWL HMA Pavement	DOL	31,370.000	31,370.000
0074	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	25,420.000	25,420.000
0076	460.2010	Incentive Air Voids HMA Pavement	DOL	45,070.000	45,070.000
0078	460.5223	HMA Pavement 3 LT 58-28 S	TON	23,860.000	23,860.000
0080	460.5224	HMA Pavement 4 LT 58-28 S	TON	20,610.000	20,610.000
0082	465.0105	Asphaltic Surface	TON	80.000	80.000
0084	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	150.000	150.000
0086	465.0315	Asphaltic Flumes	SY	218.000	218.000
0088	465.0520	Asphaltic Rumble Strips, Shoulder	LF	101,642.000	101,642.000
0090	465.0560	Asphaltic Rumble Strips, Centerline	LF	50,821.000	50,821.000
0092	502.0100	Concrete Masonry Bridges	CY	452.000	452.000
0094	502.3200	Protective Surface Treatment	SY	499.000	499.000
0096	502.3210	Pigmented Surface Sealer	SY	173.000	173.000
0098	503.0137	Prestressed Girder Type I 36W-Inch	LF	355.000	355.000
0100	504.0100	Concrete Masonry Culverts	CY	17.000	17.000

5145-00-71

Line	Item	Item Description	Unit	Total	Qty
0102	505.0400	Bar Steel Reinforcement HS Structures	LB	9,490.000	9,490.000
0104	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	59,770.000	59,770.000
0106	506.2610	Bearing Pads Elastomeric Laminated	EACH	10.000	10.000
0108	506.4000	Steel Diaphragms (structure) 01. B-13-797	EACH	4.000	4.000
0110	516.0500	Rubberized Membrane Waterproofing	SY	44.000	44.000
0112	517.1015.S	Concrete Staining Multi-Color (structure) 01. C-13-3098	SF	315.000	315.000
0114	520.1018	Apron Endwalls for Culvert Pipe 18-Inch	EACH	60.000	60.000
0116	520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH	32.000	32.000
0118	520.1030	Apron Endwalls for Culvert Pipe 30-Inch	EACH	6.000	6.000
0120	520.1036	Apron Endwalls for Culvert Pipe 36-Inch	EACH	4.000	4.000
0122	520.3318	Culvert Pipe Class III-A 18-Inch	LF	807.000	807.000
0124	520.3324	Culvert Pipe Class III-A 24-Inch	LF	796.000	796.000
0126	520.3330	Culvert Pipe Class III-A 30-Inch	LF	108.000	108.000
0128	520.3336	Culvert Pipe Class III-A 36-Inch	LF	120.000	120.000
0130	521.1221	Apron Endwalls for Pipe Arch Steel 21x15-Inch	EACH	2.000	2.000
0132	521.1228	Apron Endwalls for Pipe Arch Steel 28x20-Inch	EACH	2.000	2.000
0134	521.1242	Apron Endwalls for Pipe Arch Steel 42x29-Inch	EACH	2.000	2.000
0136	521.1524	Apron Endwalls for Culvert Pipe Sloped Side Drains Steel 24-Inch 6 to 1	EACH	2.000	2.000
0138	521.1728	Apron Endwalls for Pipe Arch Sloped Side Drains Steel 28x20-Inch 6 to 1	EACH	2.000	2.000
0140	521.3721	Pipe Arch Corrugated Steel 21x15-Inch	LF	30.000	30.000
0142	521.3728	Pipe Arch Corrugated Steel 28x20-Inch	LF	76.000	76.000
0144	521.3742	Pipe Arch Corrugated Steel 42x29-Inch	LF	32.000	32.000
0146	522.0136	Culvert Pipe Reinforced Concrete Class III 36-Inch	LF	36.000	36.000
0148	522.0148	Culvert Pipe Reinforced Concrete Class III 48-Inch	LF	94.000	94.000
0150	522.0160	Culvert Pipe Reinforced Concrete Class III 60-Inch	LF	124.000	124.000
0152	522.0430	Culvert Pipe Reinforced Concrete Class IV 30-Inch	LF	122.000	122.000
0154	522.0436	Culvert Pipe Reinforced Concrete Class IV 36-Inch	LF	34.000	34.000
0156	522.0460	Culvert Pipe Reinforced Concrete Class IV 60-Inch	LF	128.000	128.000
0158	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	1.000	1.000
0160	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	3.000	3.000
0162	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	2.000	2.000
0164	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	6.000	6.000
0166	522.1048	Apron Endwalls for Culvert Pipe Reinforced Concrete 48-Inch	EACH	2.000	2.000
0168	522.1060	Apron Endwalls for Culvert Pipe Reinforced Concrete 60-Inch	EACH	8.000	8.000
0170	522.2319	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	LF	46.000	46.000
0172	522.2329	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 29x45-Inch	LF	100.000	100.000
0174	522.2338	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 38x60-Inch	LF	336.000	336.000
0176	522.2358	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 58x91-Inch	LF	236.000	236.000
0178	522.2414	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 14x23-Inch	LF	152.000	152.000
0180	522.2419	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 19x30-Inch	LF	578.000	578.000
0182	522.2424	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	420.000	420.000
0184	522.2429	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 29x45-Inch	LF	40.000	40.000
0186	522.2434	Culvert Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 34x53-Inch	LF	112.000	112.000
0188	522.2614	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 14x23-Inch	EACH	6.000	6.000
0190	522.2619	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 19x30-Inch	EACH	31.000	31.000
0192	522.2624	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 24x38-Inch	EACH	18.000	18.000
0194	522.2629	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 29x45-Inch	EACH	6.000	6.000
0196	522.2634	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 34x53-Inch	EACH	4.000	4.000
0198	522.2638	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 38x60-Inch	EACH	12.000	12.000
0200	522.2658	Apron Endwalls for Culvert Pipe Reinforced Concrete Horizontal Elliptical 58x91-Inch	EACH	4.000	4.000

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Line	Item	Item Description	Unit	Total	Qty
0202	527.0335	Pipe Arch Structural Plate 12-FT Span	LF	114.000	114.000
0204	550.2108	Piling CIP Concrete 10 3/4 X 0.50-Inch	LF	2,210.000	2,210.000
0206	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	13,532.000	13,532.000
0208	601.0584	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type TBT	LF	201.000	201.000
0210	601.0586	Concrete Curb & Gutter 4-Inch Sloped 30-Inch Type TBTT	LF	12.000	12.000
0212	602.3010	Concrete Surface Drains	CY	10.900	10.900
0214	603.1432	Concrete Barrier Type S32C	LF	1,709.000	1,709.000
0216	603.1436	Concrete Barrier Type S36C	LF	250.000	250.000
0218	603.1456	Concrete Barrier Type S56C	LF	500.000	500.000
0220	606.0200	Riprap Medium	CY	52.000	52.000
0222	606.0300	Riprap Heavy	CY	1,832.000	1,832.000
0224	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	73.000	73.000
0226	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	253.000	253.000
0228	608.2319	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 19x30-Inch	LF	101.000	101.000
0230	608.3012	Storm Sewer Pipe Class III-A 12-Inch	LF	1,122.000	1,122.000
0232	608.3015	Storm Sewer Pipe Class III-A 15-Inch	LF	1,156.000	1,156.000
0234	608.3018	Storm Sewer Pipe Class III-A 18-Inch	LF	944.000	944.000
0236	608.3024	Storm Sewer Pipe Class III-A 24-Inch	LF	3,501.000	3,501.000
0238	608.3030	Storm Sewer Pipe Class III-A 30-Inch	LF	438.000	438.000
0240	608.3036	Storm Sewer Pipe Class III-A 36-Inch	LF	130.000	130.000
0242	611.0530	Manhole Covers Type J	EACH	3.000	3.000
0244	611.0540	Manhole Covers Type K	EACH	2.000	2.000
0246	611.0600	Inlet Covers Type A	EACH	1.000	1.000
0248	611.0606	Inlet Covers Type B	EACH	10.000	10.000
0250	611.0610	Inlet Covers Type BW	EACH	15.000	15.000
0252	611.0612	Inlet Covers Type C	EACH	1.000	1.000
0254	611.0627	Inlet Covers Type HM	EACH	23.000	23.000
0256	611.0636	Inlet Covers Type HM-S	EACH	9.000	9.000
0258	611.0642	Inlet Covers Type MS	EACH	27.000	27.000
0260	611.0645	Inlet Covers Type MS-A	EACH	2.000	2.000
0262	611.1004	Catch Basins 4-FT Diameter	EACH	1.000	1.000
0264	611.1005	Catch Basins 5-FT Diameter	EACH	2.000	2.000
0266	611.2004	Manholes 4-FT Diameter	EACH	2.000	2.000
0268	611.2005	Manholes 5-FT Diameter	EACH	9.000	9.000
0270	611.2044	Manholes 4x4-FT	EACH	19.000	19.000
0272	611.2055	Manholes 5x5-FT	EACH	1.000	1.000
0274	611.3004	Inlets 4-FT Diameter	EACH	13.000	13.000
0276	611.3220	Inlets 2x2-FT	EACH	8.000	8.000
0278	611.3225	Inlets 2x2.5-FT	EACH	1.000	1.000
0280	611.3230	Inlets 2x3-FT	EACH	9.000	9.000
0282	611.3901	Inlets Median 1 Grate	EACH	27.000	27.000
0284	611.3902	Inlets Median 2 Grate	EACH	2.000	2.000
0286	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	296.000	296.000
0288	614.0150	Anchor Assemblies for Steel Plate Beam Guard	EACH	8.000	8.000
0290	614.2300	MGS Guardrail 3	LF	2,048.000	2,048.000
0292	614.2500	MGS Thrie Beam Transition	LF	709.000	709.000
0294	614.2610	MGS Guardrail Terminal EAT	EACH	22.000	22.000
0296	616.0700.S	Fence Safety	LF	1,000.000	1,000.000
0298	618.0100	Maintenance and Repair of Haul Roads (project) 01. 5145-00-71	EACH	1.000	1.000
0300	619.1000	Mobilization	EACH	1.000	1.000

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Line	Item	Item Description	Unit	Total	Qty
0302	624.0100	Water	MGAL	390.000	390.000
0304	625.0500	Salvaged Topsoil	SY	279,157.000	279,157.000
0306	627.0200	Mulching	SY	124,679.000	124,679.000
0308	628.1104	Erosion Bales	EACH	197.000	197.000
0310	628.1504	Silt Fence	LF	76,812.000	76,812.000
0312	628.1520	Silt Fence Maintenance	LF	76,812.000	76,812.000
0314	628.1905	Mobilizations Erosion Control	EACH	6.000	6.000
0316	628.1910	Mobilizations Emergency Erosion Control	EACH	3.000	3.000
0318	628.2004	Erosion Mat Class I Type B	SY	154,479.000	154,479.000
0320	628.2008	Erosion Mat Urban Class I Type B	SY	3,049.000	3,049.000
0322	628.7005	Inlet Protection Type A	EACH	32.000	32.000
0324	628.7010	Inlet Protection Type B	EACH	29.000	29.000
0326	628.7015	Inlet Protection Type C	EACH	25.000	25.000
0328	628.7020	Inlet Protection Type D	EACH	8.000	8.000
0330	628.7504	Temporary Ditch Checks	LF	10,646.000	10,646.000
0332	628.7555	Culvert Pipe Checks	EACH	369.000	369.000
0334	628.7570	Rock Bags	EACH	18.000	18.000
0336	629.0210	Fertilizer Type B	CWT	168.000	168.000
0338	630.0130	Seeding Mixture No. 30	LB	3,027.000	3,027.000
0340	630.0171	Seeding Mixture No. 70A	LB	350.000	350.000
0342	630.0200	Seeding Temporary	LB	7,206.000	7,206.000
0344	630.0500	Seed Water	MGAL	8,533.000	8,533.000
0346	633.1000	Delineators Barrier Wall	EACH	26.000	26.000
0348	633.5200	Markers Culvert End	EACH	219.000	219.000
0350	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	9.000	9.000
0352	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	15.000	15.000
0354	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	5.000	5.000
0356	634.0620	Posts Wood 4x6-Inch X 20-FT	EACH	1.000	1.000
0358	637.2210	Signs Type II Reflective H	SF	44.920	44.920
0360	637.2230	Signs Type II Reflective F	SF	76.000	76.000
0362	638.2102	Moving Signs Type II	EACH	185.000	185.000
0364	638.2602	Removing Signs Type II	EACH	28.000	28.000
0366	638.3000	Removing Small Sign Supports	EACH	18.000	18.000
0368	638.4000	Moving Small Sign Supports	EACH	203.000	203.000
0370	642.5401	Field Office Type D	EACH	1.000	1.000
0372	643.0300	Traffic Control Drums	DAY	13,800.000	13,800.000
0374	643.0420	Traffic Control Barricades Type III	DAY	14,020.000	14,020.000
0376	643.0705	Traffic Control Warning Lights Type A	DAY	27,240.000	27,240.000
0378	643.0900	Traffic Control Signs	DAY	43,656.000	43,656.000
0380	643.0920	Traffic Control Covering Signs Type II	EACH	6.000	6.000
0382	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0384	643.5000	Traffic Control	EACH	1.000	1.000
0386	645.0105	Geotextile Type C	SY	260.000	260.000
0388	645.0111	Geotextile Type DF Schedule A	SY	150.000	150.000
0390	645.0120	Geotextile Type HR	SY	2,934.000	2,934.000
0392	645.0220	Geogrid Type SR	SY	75,570.000	75,570.000
0394	646.2020	Marking Line Epoxy 6-Inch	LF	513.000	513.000
0396	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	189,335.000	189,335.000
0398	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	846.000	846.000
0400	646.5020	Marking Arrow Epoxy	EACH	6.000	6.000

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Line	Item	Item Description	Unit	Total	Qty
0402	646.5120	Marking Word Epoxy	EACH	3.000	3.000
0404	646.6120	Marking Stop Line Epoxy 18-Inch	LF	160.000	160.000
0406	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	47,463.000	47,463.000
0408	646.6470	Cold Weather Marking Epoxy 10-Inch	LF	212.000	212.000
0410	648.0100	Locating No-Passing Zones	MI	9.620	9.620
0412	650.4000	Construction Staking Storm Sewer	EACH	185.000	185.000
0414	650.4500	Construction Staking Subgrade	LF	50,849.000	50,849.000
0416	650.5000	Construction Staking Base	LF	50,849.000	50,849.000
0418	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	13,573.000	13,573.000
0420	650.6000	Construction Staking Pipe Culverts	EACH	110.000	110.000
0422	650.6501	Construction Staking Structure Layout (structure) 01. C-13-3098	EACH	1.000	1.000
0424	650.6501	Construction Staking Structure Layout (structure) 02. B-13-796	EACH	1.000	1.000
0426	650.6501	Construction Staking Structure Layout (structure) 03. B-13-797	EACH	1.000	1.000
0428	650.7500	Construction Staking Concrete Barrier	LF	2,459.000	2,459.000
0430	650.9911	Construction Staking Supplemental Control (project) 01. 5145-00-71	EACH	1.000	1.000
0432	650.9920	Construction Staking Slope Stakes	LF	50,849.000	50,849.000
0434	690.0150	Sawing Asphalt	LF	1,017.000	1,017.000
0436	715.0502	Incentive Strength Concrete Structures	DOL	2,814.000	2,814.000
0438	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	500.000	500.000
0440	740.0440	Incentive IRI Ride	DOL	38,497.000	38,497.000
0442	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 01. STA 195+20	EACH	1.000	1.000
0444	999.2000.S	Installing and Maintaining Bird Deterrent System (station) 02. STA 263+75	EACH	1.000	1.000
0446	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,000.000	2,000.000
0448	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	4,000.000	4,000.000
0450	SPV.0060	Special 01. Verify and Replace Existing Land Parcel Monuments	EACH	38.000	38.000
0452	SPV.0060	Special 02. Verify Landmark Reference Monuments	EACH	6.000	6.000
0454	SPV.0060	Special 03. Research and Locate Existing Land Parcel Monuments	EACH	38.000	38.000
0456	SPV.0090	Special 01. Pipe Underdrain (6-inch) with Geotextile Fabric and Aggregate	LF	8,479.000	8,479.000
0458	SPV.0165	Special 01. Stamping Concrete	SF	315.000	315.000
0460	SPV.0180	Special 01. Impervious Isolation Membrane	SY	460.000	460.000
0462	SPV.0180	Special 02. Removing Distressed Pavement Milling	SY	756.000	756.000
0464	SPV.0195	Special 01. Backfill Special	TON	1,240.000	1,240.000

CLEARING AND GRUBBING SUMMARY

STATION	TO	STATION	201.0105 CLEARING STA	201.0205 GRUBBING STA	REMARKS
1+00	-	3+00	2	2	
18+00	-	19+00	1	1	
56+00	-	64+00	9	9	
69+00	-	70+00	1	1	
103+00	-	104+00	1	1	
105+00	-	108+00	3	3	
118+00	-	120+00	2	2	
124+00	-	125+00	1	1	
134+00	-	138+00	4	4	
142+00	-	145+00	3	3	
154+00	-	159+00	5	5	
161+00	-	162+00	1	1	
167+00	-	169+00	2	2	
170+00	-	175+00	5	5	
176+00	-	180+00	4	4	
183+00	-	187+00	4	4	
190+00	-	196+00	6	6	
222+00	-	225+00	3	3	
226+00	-	228+00	2	2	
233+00	-	235+00	2	2	
239+00	-	247+00	8	8	
249+00	-	252+00	3	3	
253+00	-	254+00	1	1	
256+00	-	259+00	3	3	
260+00	-	261+00	1	1	
263+00	-	265+00	2	2	
271+00	-	272+00	1	1	
277+00	-	279+00	2	2	
281+00	-	283+00	2	2	
290+00	-	292+00	2	2	
295+00	-	306+00	11	11	
308+00	-	312+00	4	4	
315+00	-	323+00	8	8	
327+00	-	339+00	12	12	
340+00	-	367+00	27	27	
374+00	-	376+00	2	2	
379+00	-	381+00	2	2	
384+00	-	388+00	4	4	
391+00	-	408+00	17	17	
410+00	-	420+00	10	10	
421+00	-	424+00	3	3	
425+00	-	428+00	3	3	
429+00	-	445+00	16	16	
447+00	-	458+00	11	11	
461+00	-	495+00	34	34	
498+00	-	501+00	3	3	
		TOTAL	253	253	

BUTT JOINTS-SAWING SUMMARY

STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	690.0150 SAWING ASPHALT LF	REMARKS
0+25	STH 78	7	40	
53+08	CTH F	5	22	
81+87	BEUTHIN RD	5	22	
126+28	NINEDORF RD	5	22	
134+77	BROCKMANN VALLEY RD	5	22	
169+00	FORD DR	5	22	
176+62	OLD SETTLERS RD	5	22	
190+66	JACOBY DR	5	22	
232+25	KP SOUTH	5	22	
273+00	KP NORTH	5	22	
312+60	K	5	22	
327+00	LILAC LN	5	22	
366+50	WORK RD	5	22	
392+60	MATZ RD S	5	22	
393+70	MATZ RD N	5	22	
448+50	WHIPPOORWILL RD	5	22	
459+00	SUTZFEY CIR	5	22	
508+72	USH 12	9	50	
	PROJECT SAWING FOR CULVERTS	-	575	
	TOTAL	96	1,017	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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CULVERT REMOVAL SUMMARY

STATION	OFFSET	LOCATION	SIZE (IN.)	MATERIAL	LENGTH (FT)	203.0100 REMOVING SMALL PIPE CULVERTS EACH	203.0220.01 REMOVING STRUCTURE (STRUCTURE) (01. STA 27+20) EACH	203.0220.02 REMOVING STRUCTURE (STRUCTURE) (02. STA 39+78) EACH	203.0220.03 REMOVING STRUCTURE (STRUCTURE) (03. STA 288+22) EACH	203.0220.04 REMOVING STRUCTURE (STRUCTURE) (04. STA 306+19) EACH	204.0270 ABANDONING CULVERT PIPES EACH	REMARKS
0+73	LT & RT	MAINLINE	24.0	CMP	70.0	1	-	-	-	-	-	
3+88	LT & RT	MAINLINE	20X28	CMP	38.0	1	-	-	-	-	-	
7+70	LT & RT	MAINLINE	18.0	CMP	34.0	1	-	-	-	-	-	
21+13	LT & RT	MAINLINE	18X24	CMP	36.0	2	-	-	-	-	-	
27+20	LT & RT	MAINLINE	24X54	RCP	31.5	-	1	-	-	-	-	
27+89	LT	PRIVATE DRIVEWAY	18.0	CPC	32.5	1	-	-	-	-	-	
39+78	LT & RT	MAINLINE	14X27	RCP	31.5	-	-	1	-	-	-	
46+43	LT & RT	MAINLINE	20X28	CMP	40.0	1	-	-	-	-	-	
64+38	LT	PRIVATE DRIVEWAY	15.0	CMP	28.0	1	-	-	-	-	-	
72+80	LT	PRIVATE DRIVEWAY	18.0	CMP	31.0	1	-	-	-	-	-	
75+63	LT & RT	MAINLINE	38X57	CMP	37.0	1	-	-	-	-	-	
81+50	LT	PRIVATE DRIVEWAY	18.0	CMP	31.5	1	-	-	-	-	-	
81+87	LT	PRIVATE DRIVEWAY	15.0	CMP	22.0	1	-	-	-	-	-	
89+01	LT & RT	MAINLINE	15.0	CMP	38.5	1	-	-	-	-	-	
103+32	LT & RT	MAINLINE	20X28	CMP	42.0	1	-	-	-	-	-	
108+20	LT	PRIVATE DRIVEWAY	19X12	CMP	24.5	1	-	-	-	-	-	
116+00	LT	PRIVATE DRIVEWAY	18.0	CMP	45.5	1	-	-	-	-	-	
120+85	LT & RT	MAINLINE	20X28	CMP	42.0	1	-	-	-	-	-	
121+28	LT	PRIVATE DRIVEWAY	29X21	CMP	35.5	1	-	-	-	-	-	
123+92	LT	PRIVATE DRIVEWAY	18.0	CMP	21.5	1	-	-	-	-	-	
129+85	LT & RT	MAINLINE	24.0	CMP	43.5	1	-	-	-	-	-	
143+72	LT & RT	MAINLINE	18.0	CMP	34.0	1	-	-	-	-	-	
146+47	LT & RT	MAINLINE	15X21	CMP	40.5	1	-	-	-	-	-	
149+75	LT & RT	MAINLINE	20X28	CMP	41.0	1	-	-	-	-	-	
150+90	LT	PRIVATE DRIVEWAY	17X12	CMP	30.0	1	-	-	-	-	-	
162+50	LT & RT	MAINLINE	18.0	CMP	38.5	1	-	-	-	-	-	
174+97	LT & RT	MAINLINE	18.0	CMP	43.0	1	-	-	-	-	-	
176+50	LT	OLD SETTLER RD	18.0	CMP	51.0	1	-	-	-	-	-	
				SUBTOTAL		27	1	1	0	0	0	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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CULVERT REMOVAL SUMMARY (CONT.)

STATION	OFFSET	LOCATION	SIZE (IN.)	MATERIAL	LENGTH (FT)	203.0100 REMOVING SMALL PIPE CULVERTS EACH	203.0220.01 REMOVING STRUCTURE (STRUCTURE) (01. STA 27+20) EACH	203.0220.02 REMOVING STRUCTURE (STRUCTURE) (02. STA 39+78) EACH	203.0220.03 REMOVING STRUCTURE (STRUCTURE) (03. STA 288+22) EACH	203.0220.04 REMOVING STRUCTURE (STRUCTURE) (04. STA 306+19) EACH	204.0270 ABANDONING CULVERT PIPES EACH	REMARKS
180+70	RT	PRIVATE DRIVEWAY	18.0	CMP	30.0	1	-	-	-	-	-	
182+85	LT & RT	MAINLINE	24.0	CMP	78.0	1	-	-	-	-	-	
184+32	LT	PRIVATE DRIVEWAY	18.0	CMP	30.0	1	-	-	-	-	-	
185+00	LT	PRIVATE DRIVEWAY	18.0	CMP	31.0	1	-	-	-	-	-	
190+22	RT	PRIVATE DRIVEWAY	18.0	CMP	30.0	1	-	-	-	-	-	
190+65	LT	JACOBY DRIVE	18.0	CMP	31.5	1	-	-	-	-	-	
192+70	LT	PRIVATE DRIVEWAY	18.0	CMP	29.5	1	-	-	-	-	-	
192+92	RT	PRIVATE DRIVEWAY	18.0	CMP	29.5	1	-	-	-	-	-	
200+95	LT	PRIVATE DRIVEWAY	27X21	CMP	30.5	1	-	-	-	-	-	
211+05	LT & RT	MAINLINE	18.0	CMP	39.5	1	-	-	-	-	-	
218+44	LT & RT	MAINLINE	18.0	CMP	46.5	1	-	-	-	-	-	
232+24	RT	CTH KP	20X28	CMP	62.0	1	-	-	-	-	-	
232+79	LT & RT	MAINLINE	15X21	CMP	53.0	1	-	-	-	-	-	CONNECT EXISTING INTO STRUCTURE 3.3
240+50	LT	PRIVATE DRIVEWAY	12.0	CMP	35.5	1	-	-	-	-	-	
248+26	LT & RT	MAINLINE	36.0	CMP	39.0	1	-	-	-	-	-	
260+25	RT	PRIVATE DRIVEWAY	12.0	CMP	31.0	1	-	-	-	-	-	
275+13	LT & RT	MAINLINE	12.0	CLAY	38.0	-	-	-	-	-	1	
286+26	LT & RT	MAINLINE	30.0	CMP	45.0	1	-	-	-	-	-	
288+24	LT & RT	MAINLINE	42X72	RCP	33.0	-	-	-	1	-	-	BOX CULVERT
288+45	LT	PRIVATE DRIVEWAY	18.0	CMP	30.0	1	-	-	-	-	-	
303+32	LT	PRIVATE DRIVEWAY	15.0	CMP	26.0	1	-	-	-	-	-	
304+83	LT	PRIVATE DRIVEWAY	18.0	CMP	24.5	1	-	-	-	-	-	
306+26	LT & RT	MAINLINE	72X96	RCP	34.5	-	-	-	-	1	-	BOX CULVERT (C-13-3006)
307+20	LT	PRIVATE DRIVEWAY	18.0	CMP	30.0	1	-	-	-	-	-	
312+76	LT	PRIVATE DRIVEWAY	15.0	CMP	21.5	1	-	-	-	-	-	
313+44	LT	PRIVATE DRIVEWAY	18.0	CMP	26.0	1	-	-	-	-	-	
324+33	LT & RT	MAINLINE	36X54	CMP	42.5	1	-	-	-	-	-	
325+30	LT	PRIVATE DRIVEWAY	18.0	CMP	24.5	1	-	-	-	-	-	
326+26	LT	PRIVATE DRIVEWAY	18.0	CMP	27.0	1	-	-	-	-	-	
336+22	LT & RT	MAINLINE	29X42	CMP	44.0	1	-	-	-	-	-	
341+20	LT & RT	MAINLINE	29X42	CMP	45.0	1	-	-	-	-	-	
				SUBTOTAL		25	0	0	1	1	1	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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CULVERT REMOVAL SUMMARY (CONT.)

STATION	OFFSET	REMARKS	SIZE (IN.)	MATERIAL	LENGTH (FT)	203.0100 REMOVING SMALL PIPE CULVERTS EACH	203.0220.01 REMOVING STRUCTURE (STRUCTURE) (01. STA 27+20) EACH	203.0220.02 REMOVING STRUCTURE (STRUCTURE) (02. STA 39+78) EACH	203.0220.03 REMOVING STRUCTURE (STRUCTURE) (03. STA 288+22) EACH	203.0220.04 REMOVING STRUCTURE (STRUCTURE) (04. STA 306+19) EACH	204.0270 ABANDONING CULVERT PIPES EACH	REMARKS
348+10	LT & RT	MAINLINE	18.0	CMP	52.0	1	-	-	-	-	-	
371+02	RT	PRIVATE DRIVEWAY	24.0	CMP	19.0	1	-	-	-	-	-	
375+55	LT & RT	MAINLINE	60.0	CMP	61.0	1	-	-	-	-	-	
375+65	RT	PRIVATE DRIVEWAY	18.0	CMP	44.0	1	-	-	-	-	-	
391+81	LT & RT	MAINLINE	60.0	CMP	58.5	1	-	-	-	-	-	
395+78	LT & RT	MAINLINE	48X76	RCP	52.0	2	-	-	-	-	-	
412+41	RT	MAINLINE	36.0	CMP	42.0	1	-	-	-	-	-	
418+05	LT & RT	MAINLINE	36.0	CMP	45.5	1	-	-	-	-	-	
434+58	LT & RT	MAINLINE	18.0	CMP	44.0	1	-	-	-	-	-	
438+36	LT	PRIVATE DRIVEWAY	18.0	CMP	24.0	1	-	-	-	-	-	
448+59	RT	WHIPPOORWILL RD	24.0	CMP	70.0	1	-	-	-	-	-	
449+12	LT & RT	MAINLINE	18.0	CMP	62.5	1	-	-	-	-	-	
456+05	LT & RT	MAINLINE	24.0	CMP	41.0	1	-	-	-	-	-	
459+00	LT	SUTZFEY CIR	18.0	CMP	54.5	1	-	-	-	-	-	
463+50	LT & RT	MAINLINE	18.0	CMP	40.0	1	-	-	-	-	-	
467+57	LT & RT	MAINLINE	36.0	CMP	49.0	2	-	-	-	-	-	
468+50	LT	PRIVATE DRIVEWAY	21X15	CMP	30.0	1	-	-	-	-	-	
469+10	RT	PRIVATE DRIVEWAY	15.0	CMP	30.0	1	-	-	-	-	-	
470+58	RT	PRIVATE DRIVEWAY	15.0	CMP	30.0	1	-	-	-	-	-	
473+13	RT	PRIVATE DRIVEWAY	21X15	CMP	30.0	1	-	-	-	-	-	
474+44	LT	PRIVATE DRIVEWAY	18.0	CMP	30.0	1	-	-	-	-	-	
476+50	RT	PRIVATE DRIVEWAY	18.0	CMP	30.0	1	-	-	-	-	-	
490+82	LT & RT	MAINLINE	24.0	CMP	50.0	1	-	-	-	-	-	
504+00	LT & RT	MAINLINE	36.0	RCP	41.5	2	-	-	-	-	-	
504+33	RT	PRIVATE DRIVEWAY	18.0	CMP	25.0	1	-	-	-	-	-	
				SUBTOTAL		28	0	0	0	0	0	
				TOTAL		80	1	1	1	1	1	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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REMOVAL SUMMARY

STATION	TO	STATION	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY	204.0150 REMOVING CURB & GUTTER LF	204.0165 REMOVING GUARDRAIL LF	214.0100 OBLITERATING OLD ROAD STA	SPV.0180.02 SPECIAL (02. REMOVING DISTRESSED PAVEMENT MILLING) SY
0+35	-	56+00	13,650	162	-	-	137
56+00	-	71+00	-	155	-	-	-
71+00	-	225+50	37,700	-	282	-	377
237+50	-	269+00	7,700	101	308	-	77
283+00	-	305+00	5,380	167	691	-	54
305+00	-	463+50	-	205	-	18	-
463+50	-	508+54	11,110	-	642	-	111
		TOTAL	75,540	790	1,923	18	756

BASE COURSE SUMMARY

STATION	TO	STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	371.2000.S QMP BASE AGGREGATE DENSE 1 1/4-INCH COMPACTION EACH	624.0100 WATER MGAL	645.0220 GEOGRID TYPE SR SY	REMARKS
0+35	-	56+00	1,183	3,452	4,720	-	20	-	
56+00	-	71+00	297	4,364	3,910	4	20	5,670	
71+00	-	225+00	3,353	9,653	13,038	-	60	-	
225+00	-	237+50	280	4,611	4,315	4	20	4,730	
237+50	-	269+00	636	2,891	3,665	-	20	-	
269+00	-	283+00	317	4,630	4,875	4	20	5,290	
283+00	-	305+00	481	1,386	1,858	-	10	-	
305+00	-	463+50	2,101	47,760	42,901	44	200	59,880	
463+50	-	508+54	479	2,821	3,884	-	20	-	
PEDESTRIAN UNDERPASS			19	-	-	-	-	-	
PROJECT CULVERT BACKFILL			-	2,002	3,804	-	-	-	
PROJECT WIDE WEEPS			-	-	450	-	-	-	
		TOTAL	9,146	83,570	87,420	56	390	75,570	

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PAVEMENT APPROACH SUMMARY

LOCATION	415.0080 CONCRETE PAVEMENT 8-INCH SY	415.0410 CONCRETE PAVEMENT APPROACH SLAB SY	602.3010 CONCRETE SURFACE DRAINS CY	601.0584 CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE TBT LF	601.0586 CONCRETE CURB & GUTTER 4-INCH SLOPED 30-INCH TYPE TBTT LF	REMARKS
B-13-796	60	104	5.4	95	12	
B-13-797	60	80	5.5	106	-	
TOTAL	120	184	10.9	201	12	

ASPHALTIC ITEMS SUMMARY

STATION	TO	STATION	450.4000 HMA COLD WEATHER PAVING TON	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S TON	460.5224 HMA PAVEMENT 4 LT 58-28 S TON	465.0105 ASPHALTIC SURFACE TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0560 ASPHALTIC RUMBLE STRIPS, CENTERLINE LF	465.0520 ASPHALTIC RUMBLE STRIPS, SHOULDER LF	REMARKS
0+33	-	56+00	-	2,484	2,470	1,980	14	-	5,567	11,134	
56+00		71+00	-	660	660	530	-	-	1,500	3,000	
71+00	-	225+00	-	6,810	6,770	5,420	40	-	15,400	30,800	
225+00	-	237+50	-	610	610	490	-	-	1,250	2,500	
237+50	-	269+00	-	1,408	1,400	1,120	8	-	3,150	6,300	
269+00	-	283+00	-	810	810	650	-	-	1,400	2,800	
283+00	-	304+75	-	966	960	770	6	-	2,175	4,350	
304+75	-	463+50	-	7,900	7,900	6,320	-	-	15,875	31,750	
463+50	-	508+54	-	2,292	2,280	1,830	12	-	4,504	9,008	
		SIDEROADS	-	-	-	1,500	-	-			
		DRIVEWAYS	-	-	-	-	-	150			
		UNDISTRIBUTED	3,000	-	-	-	-	-			
		PROJECT	-	-	-	-	-	-			
		TOTAL	3,000	23,940	23,860	20,610	80	150	50,821	101,642	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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EARTHWORK SUMMARY TABLE

DIVISION	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1) CUT (2)	205.0100 COMMON EXCAVATION (1) EBS EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	205.0200 ROCK EXCAVATION (7)	REDUCED EBS IN FILL (9) FACTOR 0.80	EXPANDED EBS BACKFILL (11) FACTOR 1.30	EXPANDED ROCK (12) FACTOR 1.10	UNEXPANDED FILL	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE	208.0100 BORROW	COMMENT
DIVISION 1																
QR-CTH F	09+12.659/09+85		41	0	49	-8	0	0	0	0	0	0	-8	0	0	
QR-JACOBY	10+15/10+47.334		21	0	18	3	0	0	0	0	5	6	-3	0	0	
QR-OLD SETTLERS	10+11.002/10+71.066		42	0	37	5	0	0	0	0	3	4	1	1	0	
QR-STH 19 STA 0+00-STA 195+00	00+30.355/195+00		51,685	3,756	1,097	50,588	1,544	3,005	4,883	1,698	4,507	-245	50,833	50,833	0	
DIVISION 1 SUBTOTAL			51,789	3,756	1,201	50,588	1,544	3,005	4,883	1,698	4,515	-235	50,823	50,834	0	
DIVISION 2																
QR-CTH K	08+63.309/09+85		578	0	73	505	0	0	0	0	11	14	491	491	0	
QR-STH 19 STA 195+44-STA 263+31	195+44.624/263+30.803		21,944	351	146	21,798	0	281	456	0	3,919	3,638	18,159	18,159	0	
QR-CTH KP SOUTH	08+00/09+85		878	0	113	765	0	0	0	0	5	6	759	759	0	
DIVISION 2 SUBTOTAL			23,400	351	332	23,068	0	281	456	0	3,935	3,658	19,409	19,409	0	
DIVISION 3																
QR-CTH KP NORTH	10+15/12+85		1,008	0	165	843	0	0	0	0	4	5	838	838	0	
QR-LILAC	08+59.689/09+80		299	0	73	226	0	0	0	0	41	51	175	175	0	
QR-MATZ	06+65/08+28.503		392	0	110	282	0	0	0	0	2	3	280	280	0	
QR-STH 19 STA 264+28-STA 508+49	264+28.637/508+49.758		182,406	16,929	10,757	171,649	0	13,543	22,008	0	88,856	94,141	77,508	77,508	0	
QR-SUTZFEY	09+34.258/09+88.992		197	0	30	167	0	0	0	0	0	0	167	167	0	
QR-WHIPPORWILL	08+10.01/09+80		71	0	103	-32	0	0	0	0	2,485	3,106	-3,138	0	0	
DIVISION 3 SUBTOTAL			184,373	16,929	11,238	173,135	0	13,543	22,008	0	91,388	97,306	75,829	78,967	0	
GRAND TOTAL			259,562	21,036	12,772	246,790	1,544	16,829	27,347	1,698	99,838	100,729	146,060	149,210	0	
TOTAL COMMON EXC			280,598													

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100
(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL.
(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL
(5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL
(7) ROCK EXCAVATION ITEM NUMBER 205.0200
(9) REDUCED EBS IN FILL - EXCAVATED EBS MATERIAL IS USUABLE IN FILLS OUTSIDE THE 1:1 SLOPE. EBS IN FILL REDUCTION FACTOR = X.2X
(11) EXPANDED EBS BACKFILL - THIS IS TO BE FILLED WITH SELECT BORROW MATERIAL. EBS BACKFILL FACTOR = X.4X. ITEM NUMBER 208.1100
(12) EXPANDED ROCK FACTOR = X.5X
(13) EXPANDED FILL FACTOR = X.6X
DEPENDING ON SELECTIONS: **EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH - REDUCED EBS) * FILL FACTOR**
OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED EBS) * FILL FACTOR
OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH) * FILL FACTOR
OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR
(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

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* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

ASPHALTIC FLUMES SUMMARY

STATION	OFFSET	LOCATION	465.0315 ASPHALTIC FLUMES SY	606.0200 RIPRAP MEDIUM CY	* 645.0120 GEOTEXTILE TYPE HR SY	REMARKS
6+61	LT	STH 19	7	2	4	
9+10	LT & RT	CTH F	15	2	4	
56+30	RT	STH 19	7	2	4	
58+42	LT	STH 19	7	2	4	
61+11	LT	STH 19	16	2	4	
76+19	LT & RT	STH 19	8	2	4	
225+88	LT	STH 19	7	2	4	
231+25	RT	STH 19	7	2	4	
232+72	RT	STH 19	7	2	4	
254+48	RT	STH 19	7	2	4	
258+66	RT	STH 19	15	2	4	
13+00	LT & RT	CTH KP (NORTH)	7	2	4	
311+86	RT	STH 19	7	2	4	
9+25	RT	CTH K	7	2	4	
314+92	LT	STH 19	7	2	4	
320+63	LT	STH 19	7	2	4	
326+43	LT	STH 19	8	2	4	
362+61	RT	STH 19	7	2	4	
393+00	LT	STH 19	7	2	4	
394+37	LT	STH 19	15	2	4	
406+38	LT & RT	STH 19	7	2	4	
417+20	LT	STH 19	8	2	4	
421+92	LT	STH 19	7	2	4	
455+59	RT	STH 19	7	2	4	
462+49	RT	STH 19	7	2	4	
467+35	RT	STH 19	7	2	4	
484+00	RT	STH 19	7	2	4	
		TOTAL	218	52	104	

FENCE SAFETY SUMMARY

STATION	LOCATION	616.0700.S FENCE SAFETY LF	REMARKS
202+00	LT	200	
341+50	LT	300	
	UNDISTRIBUTED	500	
	TOTAL	1,000	

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PEDESTRIAN UNDERPASS

CATEGORY	STATION	TO	STATION	LOCATION	527.0335 PIPE ARCH STRUCTURAL PLATE 12-FT SPAN LF	SPV.0180.01 SPECIAL (01. IMPERVIOUS ISOLATION MEMBRANE) SY	REMARKS
0010	389+90	-	389+90	PEDESTRIAN UNDERPASS	114	460	
				TOTAL 0010	114	460	

ARCH CULVERT SUMMARY

STATION	INLET OFFSET	ELEVATION	STATION	OUTFALL OFFSET	ELEVATION	LOCATION	521.1221 APRON ENDWALLS FOR PIPE ARCH STEEL 21X15-INCH EACH	521.1228 APRON ENDWALLS FOR PIPE ARCH STEEL 28X20-INCH EACH	521.1242 APRON ENDWALLS FOR PIPE ARCH STEEL 42X29-INCH EACH	521.1728 APRON ENDWALLS FOR PIPE ARCH SLOPED SIDE DRAINS STEEL 28X20-INCH 6 TO 1 EACH	521.3721 PIPE ARCH CORRUGATED STEEL 21X15-INCH LF	521.3728 PIPE ARCH CORRUGATED STEEL 28X20-INCH LF	521.3742 PIPE ARCH CORRUGATED STEEL 42X29-INCH LF
28+08	28.6' LT	818.00	27+71	30.8' LT	817.52		-	-	-	2	-	36	-
190+07	29.5' RT	867.44	190+37	29.9' RT	867.31		2	-	-	-	30	-	-
201+14	33.9' LT	867.75	200+74	39.8' LT	866.48		-	2	-	-	-	40	-
340+66	30.0' LT	929.00	340+34	33.2' LT	928.47		-	-	2	-	-	-	32
						PEDESTRIAN UNDERPASS	-	-	-	-	-	-	-
						TOTAL	2	2	2	2	30	76	32

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

CULVERT SUMMARY

STATION	INLET OFFSET	ELEVATION	STATION	OUTFALL OFFSET	ELEVATION	520.1018 APRON ENDWALLS FOR CULVERT PIPE 18-INCH EACH	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	520.1030 APRON ENDWALLS FOR CULVERT PIPE 30-INCH EACH	520.1036 APRON ENDWALLS FOR CULVERT PIPE 36-INCH EACH	520.3318 CULVERT PIPE CLASS III-A 18-INCH LF	520.3324 CULVERT PIPE CLASS III-A 24-INCH LF	520.3330 CULVERT PIPE CLASS III-A 30-INCH LF	520.3336 CULVERT PIPE CLASS III-A 36-INCH LF	* 611.0642 INLET COVERS TYPE MS EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	REMARKS
64+33	37.6' LT	841.39	64+60	37.6' RT	840.00	2	-	-	-	28	-	-	-	-	-	
70+10	30.9' RT	832.80	70+40	31.4' RT	832.65	2	-	-	-	20	-	-	-	-	-	
72+72	35.8' LT	832.09	72+92	36.1' LT	831.92	-	2	-	-	-	20	-	-	-	-	
81+60	29.9' LT	833.23	81+42	30.4' LT	833.09	2	-	-	-	18	-	-	-	-	-	
82+10	27.6' LT	833.45	82+00	27.9' LT	833.35	2	-	-	-	10	-	-	-	-	-	
105+19	29.3' RT	845.54	105+03	28.8' RT	845.48	2	-	-	-	16	-	-	-	-	-	
108+27	31.8' LT	846.60	108+15	31.8' LT	846.54	2	-	-	-	12	-	-	-	-	-	
108+46	31.5' RT	846.49	108+24	31.7' RT	846.40	2	-	-	-	22	-	-	-	-	-	
116+08	27.8' LT	848.82	115+87	27.6' LT	848.66	2	-	-	-	21	-	-	-	-	-	
121+39	31.8' LT	848.48	121+18	33.4' LT	848.36	2	-	-	-	22	-	-	-	-	-	
124+02	27.3' LT	849.41	123+81	27.7' LT	849.29	2	-	-	-	22	-	-	-	-	-	
134+91	35.0' LT	854.97	134+63	36.3' LT	854.65	2	-	-	-	28	-	-	-	-	-	
151+02	28.3' LT	856.87	150+74	28.5' LT	856.73	2	-	-	-	28	-	-	-	-	-	
162+02	34.0' RT	858.00	162+57	39.8' RT	857.18	2	-	-	-	56	-	-	-	-	-	
170+10	27.5' RT	861.95	170+00	27.3' RT	861.65	2	-	-	-	10	-	-	-	-	-	
180+64	30.0' RT	865.92	180+86	30.7' RT	865.59	2	-	-	-	22	-	-	-	-	-	
182+99	33.0' LT	862.60	182+99	37.0' RT	861.28	-	2	-	-	-	70	-	-	-	-	
185+07	33.5' LT	867.50	184+93	34.2' LT	866.95	2	-	-	-	14	-	-	-	-	-	
190+52	36.9' LT	868.30	190+81	37.2' LT	868.10	2	-	-	-	30	-	-	-	-	-	
192+50	36.8' LT	867.50	192+88	33.9' LT	867.30'	2				38						
192+80	30.9' RT	867.20	193+04	31.2' RT	867.10	2	-	-	-	24	-	-	-	-	-	
238+96	31.3' RT	883.63	239+75	33.3' RT	883.45	2	-	-	-	78	-	-	-	-	-	
240+41	26.9' LT	886.12	240+63	26.1' LT	885.42	2	-	-	-	22	-	-	-	-	-	
253+79	30.3' LT	895.94	253+45	29.1' LT	894.68	2	-	-	-	34	-	-	-	-	-	
260+21	27.7' RT	893.70	260+34	27.9' RT	892.90	2	-	-	-	12	-	-	-	-	-	
288+69	33.9' LT	905.45	288+23	40.0' LT	904.60	-	-	2	-	-	-	46	-	-	-	
289+28	34.0' RT	905.22	289+58	33.9' RT	905.28	2	-	-	-	30	-	-	-	-	-	
303+19	32.0' LT	922.00	303+43	32.0' LT	921.90	-	2	-	-	-	24	-	-	-	-	
304+71	32.0' LT	921.43	304+95	32.0' LT	921.26	-	2	-	-	-	24	-	-	-	-	
307+32	35.4' LT	921.70	306+96	39.5' LT	919.10	-	-	2	-	-	-	36	-	-	-	
312+91	30.9' LT	940.40	312+58	30.9' LT	939.30	-	2	-	-	-	34	-	-	-	-	
313+65	30.0' LT	941.85	313+32	29.9' LT	941.31	2	-	-	-	34	-	-	-	-	-	
325+43	34.3' LT	936.20	325+18	36.1' LT	935.57	-	-	2	-	-	-	26	-	-	-	
326+30	28.9' LT	938.29	326+15	28.9' LT	937.51	2	-	-	-	16	-	-	-	-	-	
367+08	31.0' RT	943.50	367+54	34.0' RT	941.74	2	-	-	-	44	-	-	-	-	-	
371+01	29.7' LT	940.97	371+22	27.5' LT	940.65	-	2	-	-	-	22	-	-	-	-	
376+11	42.4' LT	933.16	375+47	42.5' LT	933.00	-	-	-	2	-	-	-	64	-	-	
389+76	52.0' LT	928.00	389+69	52.0' RT	927.44	-	2	-	-	-	104	-	-	-	-	
393+53	73.2' LT	928.90	394+13	50.4' LT	927.61	-	1	-	-	-	64	-	-	1	1	
412+00	26.7' LT	954.90	412+00	29.2' RT	951.95	-	-	-	2	-	-	-	56	-	-	
456+06	28.6' RT	1003.72	456+04	35.4' LT	999.91	-	2	-	-	-	64	-	-	-	-	
457+99	29.6' RT	1003.26	458+35	29.8' RT	1002.15	-	2	-	-	-	36	-	-	-	-	
458+74	30.8' LT	1000.07	459+30	30.8' LT	998.99	2	-	-	-	56	-	-	-	-	-	
468+13	42.6' LT	989.42	468+95	39.9' LT	990.04	-	2	-	-	-	82	-	-	-	-	
469+66	40.0' LT	992.71	470+45	37.7' LT	993.36	-	2	-	-	-	78	-	-	-	-	
468+86	38.4' RT	991.69	469+30	38.9' RT	992.07	-	2	-	-	-	44	-	-	-	-	
470+42	40.6' RT	993.77	470+68	39.9' RT	994.18	-	2	-	-	-	26	-	-	-	-	
473+02	28.9' RT	997.44	473+22	28.9' RT	997.94	-	2	-	-	-	20	-	-	-	-	
474+30	29.0' LT	1000.25	474+50	29.0' LT	1001.18	2	-	-	-	20	-	-	-	-	-	
476+41	29.0' RT	1005.79	476+53	29.0' RT	1006.19	-	2	-	-	-	12	-	-	-	-	
491+22	28.3' RT	1007.74	491+21	43.7' LT	1004.67	-	1	-	-	-	72	-	-	1	1	
504+22	27.0' RT	982.17	504+42	26.9' RT	982.44	2	-	-	-	20	-	-	-	-	-	
					TOTAL	60	32	6	4	807	796	108	120	2	2	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

HORIZONTAL ELLIPTICAL CULVERT SUMMARY

	INLET			OUTFALL				522.2319 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 19X30-INCH	522.2329 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 29X45-INCH	522.2338 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 38X60-INCH	522.2358 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 58X91-INCH	522.2414 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH	522.2419 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 19X30-INCH	522.2424 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH	522.2429 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 29X45-INCH	522.2434 CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 34X53-INCH	522.2614 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 14X23-INCH	522.2619* APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH	522.2624 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 24X38-INCH	522.2629 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 29X45-INCH	522.2634 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 34X53-INCH	522.2638 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 38X60-INCH	522.2658 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 58X91-INCH
STATION	OFFSET		ELEVATION	STATION	OFFSET		ELEVATION	LF	LF	LF	LF	LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	EACH	EACH	EACH
0+70	25.2'	LT	806.28	0+74	38.7'	RT	806.15	-	-	-	-	-	-	64	-	-	-	-	2	-	-	-	-
3+89	18.9'	LT	805.58	3+91	21.0'	RT	805.10	-	-	-	-	-	40	-	-	-	-	2	-	-	-	-	-
7+69	17.0'	LT	805.40	7+67	17.5'	RT	805.27	-	-	-	-	-	35	-	-	-	-	2	-	-	-	-	-
7+74	17.0'	LT	805.40	7+72	17.5'	RT	805.27	-	-	-	-	-	35	-	-	-	-	2	-	-	-	-	-
21+12	19.7'	LT	816.08	21+13	20.2'	RT	815.72	-	-	-	-	40	-	-	-	-	2	-	-	-	-	-	-
21+18	19.8'	LT	816.08	21+19	20.2'	RT	815.72	-	-	-	-	40	-	-	-	-	2	-	-	-	-	-	-
27+19	18.2'	LT	816.34	27+20	21.8'	RT	816.24	-	-	-	-	-	-	-	40	-	-	-	-	2	-	-	-
39+68	24.4'	LT	822.23	39+82	30.0'	RT	822.17	-	-	-	-	-	-	56	-	-	-	-	2	-	-	-	-
39+76	24.4'	LT	822.23	39+89	28.1'	RT	822.17	-	-	-	-	-	-	54	-	-	-	-	2	-	-	-	-
39+83	24.4'	LT	822.23	39+95	24.2'	RT	822.17	-	-	-	-	-	-	50	-	-	-	-	2	-	-	-	-
46+43	18.8'	LT	823.88	46+43	21.2'	RT	823.26	-	-	-	-	-	-	40	-	-	-	-	2	-	-	-	-
75+67	28.8'	LT	830.38	75+65	27.2'	RT	830.25	-	-	-	-	-	-	-	-	56	-	-	-	-	2	-	-
75+79	28.8'	LT	830.38	75+77	27.2'	RT	830.25	-	-	-	-	-	-	-	-	56	-	-	-	-	2	-	-
89+07	18.9'	LT	835.44	89+08	19.1'	RT	835.41	-	-	-	-	-	38	-	-	-	-	2	-	-	-	-	-
89+13	18.9'	LT	835.44	89+13	19.1'	RT	835.41	-	-	-	-	-	38	-	-	-	-	2	-	-	-	-	-
103+47	18.2'	LT	845.02	103+35	18.2'	RT	844.97	-	-	-	-	-	38	-	-	-	-	2	-	-	-	-	-
120+73	18.9'	LT	848.30	120+73	19.1'	RT	848.25	-	-	-	-	-	-	38	-	-	-	-	2	-	-	-	-
120+80	18.9'	LT	848.30	120+80	19.1'	RT	848.25	-	-	-	-	-	-	38	-	-	-	-	2	-	-	-	-
120+87	18.9'	LT	848.30	120+87	19.1'	RT	848.25	-	-	-	-	-	-	38	-	-	-	-	2	-	-	-	-
129+91	20.1'	LT	849.70	129+94	21.8'	RT	849.33	-	-	-	-	-	-	42	-	-	-	-	2	-	-	-	-
143+80	17.4'	LT	856.38	143+82	24.6'	RT	854.41	-	-	-	-	-	42	-	-	-	-	2	-	-	-	-	-
146+61	19.0'	LT	856.81	146+50	21.7'	RT	855.15	-	-	-	-	-	42	-	-	-	-	2	-	-	-	-	-
149+84	20.4'	LT	856.16	149+86	25.5'	RT	855.38	-	-	-	-	-	46	-	-	-	-	2	-	-	-	-	-
175+06	17.9'	RT	860.99	175+06	26.1'	LT	860.89	-	-	-	-	-	44	-	-	-	-	2	-	-	-	-	-
176+95	35.8'	LT	864.17	176+24	32.2'	LT	863.49	-	-	-	-	72	-	-	-	-	2	-	-	-	-	-	-
211+05	17.8'	LT	875.09	211+05	22.2'	RT	873.75	-	-	-	-	-	40	-	-	-	-	2	-	-	-	-	-
218+42	19.5'	LT	874.50	218+42	28.5'	RT	873.03	-	-	-	-	-	48	-	-	-	-	2	-	-	-	-	-
248+29	25.5'	LT	876.91	248+29	20.5'	RT	876.03	-	-	-	-	-	46	-	-	-	-	2	-	-	-	-	-
248+23	25.6'	LT	876.91	248+23	20.4'	RT	876.03	-	-	-	-	-	46	-	-	-	-	2	-	-	-	-	-
288+05	27.5'	LT	903.46	288+02	28.4'	RT	903.25	-	-	56	-	-	-	-	-	-	-	-	-	-	-	2	-
288+14	27.6'	LT	903.46	288+11	28.4'	RT	903.25	-	-	56	-	-	-	-	-	-	-	-	-	-	-	2	-
306+22	27.0'	LT	916.43	306+22	27.0'	RT	916.12	-	-	-	54	-	-	-	-	-	-	-	-	-	-	-	2
306+34	27.5'	LT	916.43	306+34	26.5'	RT	916.12	-	-	-	54	-	-	-	-	-	-	-	-	-	-	-	2
324+29	27.3'	LT	933.55	324+31	28.6'	RT	931.00	-	-	56	-	-	-	-	-	-	-	-	-	-	-	2	-
367+75	26.1'	LT	942.75	367+75	23.9'	RT	940.50	-	50	-	-	-	-	-	-	-	-	-	-	2	-	-	-
367+82	25.9'	LT	942.75	367+83	24.1'	RT	940.50	-	50	-	-	-	-	-	-	-	-	-	-	2	-	-	-
395+71	32.0'	LT	922.75	395+71	32.0'	RT	922.16	-	-	-	64	-	-	-	-	-	-	-	-	-	-	-	-
395+83	32.0'	LT	922.75	395+83	32.0'	RT	922.16	-	-	-	64	-	-	-	-	-	-	-	-	-	-	-	-
463+50	20.3'	RT	993.26	463+50	25.7'	LT	991.80	46	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
467+47	28.0'	RT	990.00	467+47	28.0'	LT	988.17	-	-	56	-	-	-	-	-	-	-	-	-	-	-	2	-
467+56	28.0'	RT	990.00	467+56	28.0'	LT	988.17	-	-	56	-	-	-	-	-	-	-	-	-	-	-	2	-
467+65	28.0'	RT	990.00	467+65	28.0'	LT	988.17	-	-	56	-	-	-	-	-	-	-	-	-	-	-	2	-
							TOTAL	46	100	336	236	152	578	420	40	112	6	30	18	6	4	12	4

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

CONCRETE CULVERT SUMMARY

STATION	INLET OFFSET	ELEVATION	STATION	OUTFALL OFFSET	ELEVATION	522.0136 CULVERT PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	522.0148 CULVERT PIPE REINFORCED CONCRETE CLASS III 48-INCH LF	522.0160 CULVERT PIPE REINFORCED CONCRETE CLASS III 60-INCH LF	522.0430 CULVERT PIPE REINFORCED CONCRETE CLASS IV 30-INCH LF	522.0436 CULVERT PIPE REINFORCED CONCRETE CLASS IV 36-INCH LF	522.0460 CULVERT PIPE REINFORCED CONCRETE CLASS IV 60-INCH LF	* 522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	522.1048 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 48-INCH EACH	522.1060 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 60-INCH EACH	REMARKS
163+00	28.6' RT	855.23	163+00	21.4' LT	854.96	-	-	-	50	-	-	-	-	-	
370+92	39.5' RT	936.25	371+28	40.0' RT	935.84	-	-	-	-	34	-	-	-	-	
374+85	24.6' LT	931.50	375+20	29.3' RT	929.21	-	-	-	-	-	64	-	-	2	
374+96	24.4' LT	931.50	375+30	29.5' RT	929.21	-	-	-	-	-	64	-	-	2	
391+77	30.4' LT	927.03	391+76	31.6' RT	926.24	-	-	62	-	-	-	-	-	2	
391+87	30.3' LT	927.03	391+86	31.7' LT	926.24	-	-	62	-	-	-	-	-	2	
417+97	45.0' LT	937.20	417+98	49.0' RT	933.84	-	94	-	-	-	-	-	2	-	
449+09	69.6' RT	993.33	448+04	99.0' RT	985.40	-	-	-	122	-	-	-	-	-	
503+94	LT		503+93	RT		18	-	-	-	-	-	2	-	-	EXTEND EXISTING BY 9' EACH SIDE
503+99	LT		504+00	RT		18	-	-	-	-	-	2	-	-	EXTEND EXISTING BY 9' EACH SIDE
					TOTAL	36	94	124	122	34	128	4	2	8	

STORM SEWER ENDWALL SUMMARY

STRUCTURE	STATION	OFFSET	ALIGNMENT	521.1524 APRON ENDWALLS FOR CULVERT PIPE SLOPED SIDE DRAINS STEEL 24-INCH 6 TO 1 EACH	522.1018 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 18-INCH EACH	522.1024 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 24-INCH EACH	522.1030 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 30-INCH EACH	* 522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	* 522.2619 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 19X30-INCH EACH	REMARKS
EW 1	53+75.00	32.32' LT	MAINLINE	1	-	-	-	-	-	
OF 1	51+76.00	31.35' LT	MAINLINE	1	-	-	-	-	-	
OF 2.1	56+50.03	33.00' LT	MAINLINE	-	-	1	-	-	-	
EW 3	231+76	68.22' RT	MAINLINE	-	-	-	-	-	1	
OF 13	264+10	29.70' LT	MAINLINE	-	-	1	-	-	-	
EW 21	338+81.98	38.55' LT	MAINLINE	-	-	-	1	-	-	
OF 21	336+99.39	39.35' RT	MAINLINE	-	-	-	-	1	-	
OF 31	347+22.18	33.71' RT	MAINLINE	-	-	-	-	1	-	
OF 38	366+72.17	33.67' LT	MAINLINE	-	1	-	-	-	-	
OF 46	421+80.71	40.90' LT	MAINLINE	-	-	-	-	-	-	
OF 54	434+99.45	33.31' RT	MAINLINE	-	-	-	1	-	-	
OF 58	449+13.81	49.52' RT	MAINLINE	-	-	1	-	-	-	
			TOTAL	2	1	3	2	2	1	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

3

STORM SEWER PIPE SUMMARY

FROM	-	TO	LOCATION	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.2319 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 19X30-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 STORM SEWER PIPE CLASS III-A 15-INCH LF	608.3018 STORM SEWER PIPE CLASS III-A 18-INCH LF	608.3024 STORM SEWER PIPE CLASS III-A 24-INCH LF	608.3030 STORM SEWER PIPE CLASS III-A 30-INCH LF	608.3036 STORM SEWER PIPE CLASS III-A 36-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
EW 1	-	1.1	MAINLINE	-	30	-	-	-	-	-	-	-	828.39	827.79	0.0200
1.1	-	1.2	MAINLINE	-	122	-	-	-	-	-	-	-	827.78	826.09	0.0139
1.2	-	OF 1	MAINLINE	-	50	-	-	-	-	-	-	-	826.09	826.00	0.0018
2.0	-	OF 2.1	MAINLINE	-	51	-	-	-	-	-	-	-	837.87	837.50	0.0073
EW 3	-	3.1	MAINLINE	-	-	101	-	-	-	-	-	-	880.95	879.94	0.0100
3.1	-	3.3	MAINLINE	73	-	-	-	-	-	-	-	-	879.73	879.00	0.0100
3.2	-	3.3	MAINLINE	-	-	-	-	-	74	-	-	-	879.74	879.00	0.0100
OF 13	-	12.0	MAINLINE	-	-	-	-	-	-	39	-	-	887.03	886.92	0.0028
12.0	-	11.0	MAINLINE	-	-	-	-	-	-	16	-	-	887.08	887.03	0.0031
11.0	-	11.1	MAINLINE	-	-	-	-	-	-	144	-	-	889.09	888.37	0.0050
11.1	-	10.0	MAINLINE	-	-	-	-	-	-	223	-	-	890.20	889.09	0.0050
10.0	-	9.0	MAINLINE	-	-	-	-	-	-	239	-	-	893.44	890.20	0.0136
9.0	-	8.0	MAINLINE	-	-	-	-	-	-	11	-	-	893.47	893.44	0.0027
8.0	-	7.0	MAINLINE	-	-	-	-	-	-	218	-	-	894.24	893.47	0.0035
7.0	-	6.0	MAINLINE	-	-	-	-	-	-	85	-	-	894.70	894.24	0.0054
6.0	-	6.1	MAINLINE	-	-	-	-	13	-	-	-	-	895.57	895.45	0.0092
6.1	-	5.0	MAINLINE	-	-	-	-	135	-	-	-	-	896.49	895.57	0.0068
5.0	-	5.2	MAINLINE	-	-	-	-	133	-	-	-	-	897.11	896.49	0.0047
5.2	-	5.3	MAINLINE	-	-	-	60	-	-	-	-	-	897.64	897.36	0.0047
10.0	-	10.1	MAINLINE	-	-	-	-	8	-	-	-	-	890.99	890.95	0.0050
8.0	-	8.1	MAINLINE	-	-	-	22	-	-	-	-	-	894.69	894.47	0.0100
7.0	-	7.1	MAINLINE	-	-	-	39	-	-	-	-	-	897.75	896.47	0.0328
7.1	-	7.2	CTH KP	-	-	-	42	-	-	-	-	-	898.17	897.75	0.0100
6.0	-	6.2	MAINLINE	-	-	-	-	23	-	-	-	-	895.60	895.45	0.0065
6.2	-	6.3	MAINLINE	-	-	-	84	-	-	-	-	-	896.43	895.85	0.0069
5.0	-	5.1	MAINLINE	-	-	-	9	-	-	-	-	-	896.83	896.74	0.0100
			SUBTOTAL	73	253	101	256	312	74	975	0	0			

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

STORM SEWER PIPE SUMMARY (CONT.)

FROM		TO	LOCATION	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.2319 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 19X30-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 STORM SEWER PIPE CLASS III-A 15-INCH LF	608.3018 STORM SEWER PIPE CLASS III-A 18-INCH LF	608.3024 STORM SEWER PIPE CLASS III-A 24-INCH LF	608.3030 STORM SEWER PIPE CLASS III-A 30-INCH LF	608.3036 STORM SEWER PIPE CLASS III-A 36-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
14	-	15	MAINLINE	-	-	-	-	98	-	-	-	-	932.15	930.58	0.0160
14.1	-	14	MAINLINE	-	-	-	128	-	-	-	-	-	933.66	932.40	0.0098
15	-	16	MAINLINE	-	-	-	-	-	-	98	-	-	929.83	928.23	0.0163
15	-	15.1	MAINLINE	-	-	-	8	-	-	-	-	-	930.89	930.83	0.0075
16	-	17	MAINLINE	-	-	-	-	-	-	98	-	-	928.23	926.27	0.0200
17	-	18	MAINLINE	-	-	-	-	-	-	98	-	-	926.27	924.70	0.0160
17	-	17.1	MAINLINE	-	-	-	8	-	-	-	-	-	927.32	927.27	0.0063
18	-	19	MAINLINE	-	-	-	-	-	-	98	-	-	924.70	923.53	0.0119
19	-	20	MAINLINE	-	-	-	-	-	-	98	-	-	923.53	922.77	0.0078
19	-	19.1	MAINLINE	-	-	-	8	-	-	-	-	-	924.57	924.53	0.0050
20	-	21	MAINLINE	-	-	-	-	-	-	94	-	-	922.77	922.44	0.0035
21	-	OF 21	MAINLINE	-	-	-	-	-	-	-	-	55	920.94	920.63	0.0056
21.1	-	EW 21	MAINLINE	-	-	-	-	-	-	-	160	-	926.15	921.57	0.0286
21.1	-	21	MAINLINE	-	-	-	-	-	-	-	-	25	921.07	920.94	0.0052
21.2	-	21.1	MAINLINE	-	-	-	-	10	-	-	-	-	923.42	923.32	0.0100
24	-	25	MAINLINE	-	-	-	-	-	-	98	-	-	921.28	920.49	0.0081
24.1	-	24	MAINLINE	-	-	-	-	-	-	84	-	-	922.33	921.28	0.0125
24.2	-	24.1	MAINLINE	-	-	-	-	-	-	204	-	-	925.00	922.33	0.0131
25	-	30	MAINLINE	-	-	-	-	-	-	113	-	-	920.49	920.02	0.0042
25.1	-	25	MAINLINE	-	-	-	-	-	-	11	-	-	920.69	920.49	0.0182
26	-	27	MAINLINE	-	-	-	-	-	-	217	-	-	935.28	926.45	0.0407
26	-	26.1	MAINLINE	-	-	-	10	-	-	-	-	-	936.33	936.28	0.0050
26.2	-	26	MAINLINE	-	-	-	-	-	-	200	-	-	944.22	935.28	0.0447
26.3	-	26.2	MAINLINE	-	-	-	-	-	-	203	-	-	952.67	944.22	0.0416
27	-	28	MAINLINE	-	-	-	-	-	-	174	-	-	926.45	922.14	0.0248
27	-	27.1	MAINLINE	-	-	-	-	-	10	-	-	-	927.05	926.95	0.0100
28	-	29	MAINLINE	-	-	-	-	-	-	-	213	-	921.64	919.60	0.0096
28.1	-	28	MAINLINE	-	-	-	11	-	-	-	-	-	923.19	923.14	0.0045
29	-	30	MAINLINE	-	-	-	-	-	-	-	15	-	919.60	919.52	0.0053
30	-	OF 31	MAINLINE	-	-	-	-	-	-	-	-	50	919.02	918.84	0.0036
30.1	-	30	MAINLINE	-	-	-	-	-	11	-	-	-	920.56	920.52	0.0036
34	-	35	MAINLINE	-	-	-	174	-	-	-	-	-	955.90	949.90	0.0345
34	-	34.1	MAINLINE	-	-	-	8	-	-	-	-	-	956.96	956.90	0.0075
35	-	36	MAINLINE	-	-	-	152	-	-	-	-	-	949.90	947.66	0.0147
35	-	35.1	MAINLINE	-	-	-	8	-	-	-	-	-	950.96	950.90	0.0075
36	-	37	MAINLINE	-	-	-	-	-	155	-	-	-	947.16	946.38	0.0050
37	-	OF 38	MAINLINE	-	-	-	-	-	50	-	-	-	946.38	946.12	0.0052
			SUBTOTAL	0	0	0	515	108	226	1,888	388	130			

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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STORM SEWER PIPE SUMMARY (CONT.)

FROM		TO	LOCATION	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.2319 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 19X30-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 STORM SEWER PIPE CLASS III-A 15-INCH LF	608.3018 STORM SEWER PIPE CLASS III-A 18-INCH LF	608.3024 STORM SEWER PIPE CLASS III-A 24-INCH LF	608.3030 STORM SEWER PIPE CLASS III-A 30-INCH LF	608.3036 STORM SEWER PIPE CLASS III-A 36-INCH LF	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
40	-	41	MAINLINE	-	-	-	-	97	-	-	-	-	991.53	988.57	0.0305
40	-	40.1	MAINLINE	-	-	-	10	-	-	-	-	-	991.97	991.78	0.0190
40.2	-	40	MAINLINE	-	-	-	101	-	-	-	-	-	995.06	991.78	0.0325
41	-	42	MAINLINE	-	-	-	-	-	101	-	-	-	988.57	984.60	0.0393
42	-	43	MAINLINE	-	-	-	-	-	97	-	-	-	984.60	979.96	0.0478
42	-	42.1	MAINLINE	-	-	-	10	-	-	-	-	-	985.29	985.10	0.0190
43	-	44	MAINLINE	-	-	-	-	-	99	-	-	-	979.96	974.35	0.0567
45	-	44	MAINLINE	-	-	-	-	-	123	-	-	-	974.35	966.83	0.0611
44	-	44.1	MAINLINE	-	-	-	10	-	-	-	-	-	975.04	974.85	0.0190
46	-	45	MAINLINE	-	-	-	-	-	-	158	-	-	966.33	957.63	0.0551
46.1	-	46	MAINLINE	-	-	-	-	-	-	16	-	-	957.63	956.75	0.0550
OF 46	-	46.1	MAINLINE	-	-	-	-	-	-	31	-	-	956.75	955.61	0.0368
50	-	51	MAINLINE	-	-	-	-	-	-	75	-	-	994.47	994.22	0.0033
50	-	50.1	MAINLINE	-	-	-	-	15	-	-	-	-	995.29	995.22	0.0047
51	-	53	MAINLINE	-	-	-	-	-	-	74	-	-	994.22	993.98	0.0032
51.1	-	51	MAINLINE	-	-	-	-	13	-	-	-	-	995.23	994.97	0.0200
52	-	53	MAINLINE	-	-	-	-	-	-	201	-	-	996.52	993.98	0.0126
52.1	-	52	MAINLINE	-	-	-	-	-	10	-	-	-	997.26	997.02	0.0240
52.2	-	52.1	MAINLINE	-	-	-	-	151	-	-	-	-	1002.18	997.51	0.0309
52.3	-	52.2	MAINLINE	-	-	-	-	231	-	-	-	-	1010.96	1002.18	0.0380
53	-	OF 54	MAINLINE	-	-	-	-	-	-	-	50	-	993.48	993.23	0.0050
55	-	57	MAINLINE	-	-	-	-	-	190	-	-	-	1000.15	998.69	0.0077
55.1	-	55	MAINLINE	-	-	-	-	187	-	-	-	-	1007.74	1003.50	0.0227
55	-	55.2	MAINLINE	-	-	-	21	-	-	-	-	-	1000.75	1000.65	0.0048
56	-	57	MAINLINE	-	-	-	-	-	-	10	-	-	996.84	996.64	0.0200
56.1	-	56	MAINLINE	-	-	-	189	-	-	-	-	-	1002.09	999.32	0.0147
56.1	-	56.2	MAINLINE	-	-	-	10	-	-	-	-	-	1003.29	1003.09	0.0200
57	-	OF 58	MAINLINE	-	-	-	-	-	-	73	-	-	996.64	995.87	0.0105
57	-	57.1	MAINLINE	-	-	-	-	-	24	-	-	-	997.26	997.14	0.0050
57.1	-	57.2	MAINLINE	-	-	-	-	42	-	-	-	-	997.72	997.51	0.0050
			SUBTOTAL	0	0	0	351	736	644	638	50	0			
			TOTAL	73	253	101	1,122	1,156	944	3,501	438	130			

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

CONCRETE SUMMARY

STATION	TO	STATION	LOCATION	210.2100 BACKFILL STRUCTURE TYPE B CY	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	603.1432 CONCRETE BARRIER TYPE S32C LF	603.1436 CONCRETE BARRIER TYPE S36C LF	603.1456 CONCRETE BARRIER TYPE S56C LF	633.1000 DELINEATORS BARRIER WALL EACH	REMARKS
58+50	-	61+00	LT	155	-	-	250	-	3	
329+00	-	337+00	LT	449	-	800	-	-	8	
344+16	-	350+50	LT	449	-	634	-	-	7	
359+00	-	364+00	LT	456	-	-	-	500	5	
451+46	-	454+21	RT	154	-	275	-	-	3	
4+45	-	6+50	LT	-	205	-	-	-	-	
52+49	-	52+88	RT	-	81	-	-	-	-	
53+25	-	53+73	RT	-	62	-	-	-	-	
56+43	-	58+50	RT	-	207	-	-	-	-	
75+30	-	76+10	LT	-	80	-	-	-	-	
75+30	-	76+10	RT	-	80	-	-	-	-	
195+56	-	196+09	RT	-	53	-	-	-	-	
195+66	-	196+19	LT	-	53	-	-	-	-	
226+00	-	232+19	LT	-	618	-	-	-	-	
231+34	-	231+88	RT	-	122	-	-	-	-	
232+11	-	233+67	RT	-	210	-	-	-	-	
238+58	-	243+00	-	-	445	-	-	-	-	
253+25		257+25	LT	-	339	-				
255+00	-	258+50	RT	-	350	-	-	-	-	
262+78		262+86	LT	-	53	-	-	-	-	
262+78		263+31	RT	-	53	-	-	-	-	
264+28	-	272+85	LT	-	1,103	-	-	-	-	
270+62	-	279+40	RT	-	885	-	-	-	-	
273+10	-	276+35	LT	-	564	-	-	-	-	
311+93	-	312+58	RT	-	89	-	-	-	-	
312+89	-	313+31	RT	-	72	-	-	-	-	
315+00	-	320+50	LT	-	550	-	-	-	-	
326+50	-	329+00	LT	-	250	-	-	-	-	
337+00	-	338+50	LT	-	150	-	-	-	-	
341+42	-	344+16	LT	-	274	-	-	-	-	
350+50	-	359+00	LT	-	850	-	-	-	-	
360+25	-	362+50	RT	-	225	-	-	-	-	
364+00	-	366+25	LT	-	225	-	-	-	-	
393+11	-	393+60	LT	-	70	-	-	-	-	
393+87	-	394+25	LT	-	67	-	-	-	-	
406+50	-	409+48	LT	-	298	-	-	-	-	
406+50	-	409+48	RT	-	298	-	-	-	-	
414+52	-	417+52	LT	-	300	-	-	-	-	
422+02	-	455+50	LT	-	3,348	-	-	-	-	
449+16	-	451+46	RT	-	230	-	-	-	-	
454+21	-	455+50	RT	-	129	-	-	-	-	
462+02	-	465+02	RT	-	300	-	-	-	-	
467+00		467+75	RT	-	75	-	-	-	-	
482+33		484+00	RT	-	169	-	-	-	-	
			TOTAL	1,663	13,532	1,709	250	500	26	

UNDERDRAIN SUMMARY

STATION		STATION	OFFSET	SPV.0090.01 SPECIAL (01. PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE) LF	REMARKS
226+00	-	232+19	LT	618	
264+56	-	272+85	LT	829	
270+62	-	279+40	RT	878	
273+74	-	276+35	LT	261	
328+15	-	332+00	LT	385	
332+00	-	335+00	LT	300	
335+00	-	336+96	LT	200	
341+40	-	345+00	LT	360	
345+00	-	347+15	LT	215	
347+15	-	349+50	LT	235	
349+50	-	351+29	LT	179	
351+29	-	353+50	LT	221	
353+50	-	360+80	LT	730	
422+02		435+00	LT	1,298	
435+00		438+02	LT	302	
446+03		449+44	LT	341	
449+44		453+00	LT	356	
			UNDISTRIBUTED	771	
			TOTAL	8,479	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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STORM SEWER COVERS

STRUCTURE	STATION	OFFSET	ALIGNMENT	611.0530 MANHOLE COVERS TYPE J EACH	611.0540 MANHOLE COVERS TYPE K EACH	611.0600 INLET COVERS TYPE A EACH	611.0606 INLET COVERS TYPE B EACH	611.0610 INLET COVERS TYPE BW EACH	611.0612 INLET COVERS TYPE C EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	* 611.0642 INLET COVERS TYPE MS EACH	611.0645 INLET COVERS TYPE MS-A EACH	REMARKS
1.1	53+50.00	14.00' LT	MAINLINE	-	1	-	-	-	-	-	-	-	-	
1.2	52+25.00	14.00' LT	MAINLINE	-	1	-	-	-	-	-	-	-	-	
2.0	56+50.00	17.88' RT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
3.1	232+74.24	41.68' RT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
3.3	232+81.11	30.90' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
3.2	232+08.34	16.00' LT	MAINLINE	-	-	1	-	-	-	-	-	-	-	
12.0	264+49.65	30.71' LT	MAINLINE	-	-	-	-	-	1	-	-	-	-	
11.0	264+56.22	17.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
11.1	266+00.00	16.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
10.1	268+23.03	24.45' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
10.0	268+22.90	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
9.0	270+62.23	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
8.0	270+62.23	5.50' LT	MAINLINE	1	-	-	-	-	-	-	-	-	-	
8.1	270+62.44	16.50' RT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
7.0	272+80.32	6.57' LT	MAINLINE	1	-	-	-	-	-	-	-	-	-	
7.1	10+46	18.0' LT	KP	-	-	-	-	-	-	1	-	-	-	
7.2	10+48	23.6' RT	KP	-	-	-	-	-	-	1	-	-	-	
6.0	273+65.86	6.14' LT	MAINLINE	1	-	-	-	-	-	-	-	-	-	
6.1	273+74.24	16.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
6.2	273+65.86	16.49' RT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
6.3	274+50.00	16.50' RT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
5.0	275+09.00	16.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
5.1	275+09.00	25.66' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
5.2	276+41.45	29.75' LT	MAINLINE	-	-	-	-	-	-	-	-	-	1	
5.3	276+40.51	30.27' RT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
			SUBTOTAL	3	2	1	2	0	1	6	6	3	1	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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STORM SEWER COVERS (CONT.)

STRUCTURE	STATION	OFFSET	ALIGNMENT	611.0530 MANHOLE COVERS TYPE J EACH	611.0540 MANHOLE COVERS TYPE K EACH	611.0600 INLET COVERS TYPE A EACH	611.0606 INLET COVERS TYPE B EACH	611.0610 INLET COVERS TYPE BW EACH	611.0612 INLET COVERS TYPE C EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0645 INLET COVERS TYPE MS-A EACH	REMARKS
14	329+99.97	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
14.1	328+71.66	25.71' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
15	330+99.94	15.46' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
15.1	331+00.00	23.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
16	332+00.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
17	333+00.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
17.1	333+00.00	23.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
18	334+00.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
19	335+00.02	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
19.1	335+00.00	23.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
20	336+00.01	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
21	336+96.20	15.47' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
21.1	337+22.22	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
21.2	337+22.22	26.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
24	345+00.00	15.49' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
24.1	344+16.19	26.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
24.2	342+13.63	26.03' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
25	346+00.02	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
25.1	345+99.98	26.40' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
26	353+50.00	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
26.1	353+50.00	26.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
26.2	355+50.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
26.3	357+50.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
27	351+28.66	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
27.1	351+28.67	26.05' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
28	349+50.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
28.1	349+50.00	26.00' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
29	347+30.32	15.49' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
30	347+14.83	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
30.1	347+14.76	26.42' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
34	361+50.03	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
34.1	361+50.00	23.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
35	363+23.80	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	
35.1	363+23.79	23.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	
36	364+75.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
37	366+25.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
			SUBTOTAL	0	0	0	8	15	0	3	0	10	0	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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STORM SEWER COVERS (CONT.)

STRUCTURE	STATION	OFFSET	ALIGNMENT	611.0530 MANHOLE COVERS TYPE J EACH	611.0540 MANHOLE COVERS TYPE K EACH	611.0600 INLET COVERS TYPE A EACH	611.0606 INLET COVERS TYPE B EACH	611.0610 INLET COVERS TYPE BW EACH	611.0612 INLET COVERS TYPE C EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	611.0642 INLET COVERS TYPE MS EACH	611.0645 INLET COVERS TYPE MS-A EACH	REMARKS
40	428+97.73	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
40.1	428+97.73	27.05' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
40.2	430+00.00	17.51' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
41	428+00.00	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
42	426+97.73	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
42.1	426+97.73	27.08' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
43	426+00.00	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
44	425+00.00	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
44.1	425+00.00	27.02' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
45	423+75.81	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
46	422+17.50	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
46.1	422+01.50	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
50	433+50.00	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
50.1	433+50.00	31.74' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
51	434+25.00	17.10' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
51.1	434+25.00	30.12' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
52	437+00.03	16.70' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
52.1	437+00.03	26.32' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
52.2	438+51.27	30.60' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
52.3	440+75.00	27.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	1	
53	434+99.45	17.00' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
55	447+47.73	17.00' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
55.1	445+61.73	36.83' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
55.2	447+47.73	37.55' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
56	449+53.73	17.00' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
56.1	451+47.73	17.00' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	
56.2	451+47.73	27.00' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
57	449+43.73	17.00' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	
57.1	449+43.73	41.11' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
57.2	448+99.87	36.10' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	
			SUBTOTAL	0	0	0	0	0	0	14	3	12	1	
			TOTAL	3	2	1	10	15	1	23	9	25	2	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

3

STORM SEWER STRUCTURES

STRUCTURE	STATION	OFFSET	ALIGNMENT	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2044 MANHOLES 4X4-FT EACH	611.2055 MANHOLES 5X5-FT EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3225 INLETS 2X2.5-FT EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	RIM ELEVATION	INVERT ELEVATION
1.1	53+50.00	14.00' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	831.40	827.78
1.2	52+25.00	14.00' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	829.67	826.09
2.0	56+50.00	17.88' RT	MAINLINE	-	-	-	-	-	-	-	-	-	1	-	841.37	837.87
3.1	232+74.24	41.68' RT	MAINLINE	-	1	-	-	-	-	-	-	-	-	-	883.05	879.73
3.3	232+81.11	30.90' LT	MAINLINE	-	1	-	-	-	-	-	-	-	-	-	881.50	878.95
3.2	232+08.34	16.00' LT	MAINLINE	1	-	-	-	-	-	-	-	-	-	-	881.64	878.64
12.0	264+49.65	30.71' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	891.53	887.03
11.0	264+56.22	17.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	893.74	887.08
11.1	266+00.00	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	894.37	889.09
10.1	268+23.03	24.45' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	895.23	890.99
10.0	268+22.90	16.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	895.78	890.20
9.0	270+62.23	16.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	899.60	893.44
8.0	270+62.23	5.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	899.47	893.47
8.1	270+62.44	16.50' RT	MAINLINE	-	-	-	-	-	-	-	-	-	1	-	898.99	894.69
7.0	272+80.32	6.57' LT	MAINLINE	-	-	1	-	-	-	-	-	-	-	-	902.47	894.24
7.1	10+46	18.0' LT	KP	-	-	-	-	-	-	1	-	-	-	-	903.57	897.75
7.2	10+48	23.6' RT	KP	-	-	-	-	-	-	-	-	-	1	-	903.55	898.17
6.0	273+65.86	6.14' LT	MAINLINE	-	-	1	-	-	-	-	-	-	1	-	902.18	894.70
6.1	273+74.24	16.50' LT	MAINLINE	-	-	-	-	-	-	-	-	-	1	-	902.19	895.57
6.2	273+65.86	16.49' RT	MAINLINE	-	-	-	-	-	-	-	-	-	1	-	901.70	895.60
6.3	274+50.00	16.50' RT	MAINLINE	-	-	-	-	-	-	-	-	-	1	-	901.43	896.43
5.0	275+09.00	16.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	901.64	896.49
5.1	275+09.00	25.66' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	900.63	896.83
5.2	276+41.45	29.75' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	900.74	897.36
5.3	276+40.51	30.27' RT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	900.63	897.64
			SUBTOTAL	1	2	2	7	0	0	3	0	0	7	4		

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

3

STORM SEWER STRUCTURES (CONT.)

STRUCTURE	STATION	OFFSET	ALIGNMENT	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2044 MANHOLES 4X4-FT EACH	611.2055 MANHOLES 5X5-FT EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3225 INLETS 2X2.5-FT EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	RIM ELEVATION	INVERT ELEVATION
14	329+99.97	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	938.46	932.15
14.1	328+71.66	25.71' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	939.93	933.66
15	330+99.94	15.46' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	937.12	929.83
15.1	331+00.00	23.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	939.27	930.89
16	332+00.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	935.35	928.23
17	333+00.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	933.54	926.27
17.1	333+00.00	23.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	935.69	927.32
18	334+00.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	932.07	924.70
19	335+00.02	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	930.95	923.53
19.1	335+00.00	23.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	933.11	924.57
20	336+00.01	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	930.18	922.77
21	336+96.20	15.47' LT	MAINLINE	-	-	-	-	-	1	-	-	-	-	-	929.76	920.94
21.1	337+22.22	16.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	929.66	921.07
21.2	337+22.22	26.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	929.57	923.42
24	345+00.00	15.49' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	927.93	921.28
24.1	344+16.19	26.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	930.78	922.33
24.2	342+13.63	26.03' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	931.10	925.00
25	346+00.02	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	927.16	920.49
25.1	345+99.98	26.40' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	931.38	920.69
26	353+50.00	16.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	941.99	935.28
26.1	353+50.00	26.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	941.50	936.33
26.2	355+50.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	950.34	944.22
26.3	357+50.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	958.85	952.67
27	351+28.66	16.50' LT	MAINLINE	-	-	-	1	-	-	-	-	-	-	-	932.94	926.45
27.1	351+28.67	26.05' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	932.46	927.05
28	349+50.00	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	928.69	921.64
28.1	349+50.00	26.00' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	932.10	923.19
29	347+30.32	15.49' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	926.68	919.60
30	347+14.83	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	926.67	919.02
30.1	347+14.76	26.42' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	930.89	920.56
34	361+50.03	15.50' LT	MAINLINE	-	-	-	-	-	-	-	-	1	-	-	961.71	955.90
34.1	361+50.00	23.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	966.06	956.96
35	363+23.80	15.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	956.56	949.90
35.1	363+23.79	23.50' LT	MAINLINE	-	-	-	-	-	-	-	1	-	-	-	960.92	950.96
36	364+75.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	953.32	947.16
37	366+25.00	24.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	949.02	946.38
			SUBTOTAL	0	0	0	2	14	1	0	8	1	0	10		

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

3

STORM SEWER STRUCTURES (CONT.)

STRUCTURE	STATION	OFFSET	ALIGNMENT	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2044 MANHOLES 4X4-FT EACH	611.2055 MANHOLES 5X5-FT EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3225 INLETS 2X2.5-FT EACH	611.3230 INLETS 2X3-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	RIM ELEVATION	INVERT ELEVATION
40	428+97.73	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	998.37	991.53
40.1	428+97.73	27.05' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	997.54	991.97
40.2	430+00.00	17.51' LT	MAINLINE	-	-	-	-	-	-	-	-	-	1	-	1000.59	995.06
41	428+00.00	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	995.44	988.57
42	426+97.73	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	991.46	984.60
42.1	426+97.73	27.08' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	990.62	985.29
43	426+00.00	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	986.82	979.96
44	425+00.00	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	981.21	974.35
44.1	425+00.00	27.02' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	980.38	975.04
45	423+75.81	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	973.57	966.33
46	422+17.50	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	963.96	957.63
46.1	422+01.50	17.50' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	962.98	956.75
50	433+50.00	16.50' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	1001.55	994.47
50.1	433+50.00	31.74' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	999.30	995.29
51	434+25.00	17.10' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	1000.86	994.22
51.1	434+25.00	30.12' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	998.99	995.23
52	437+00.03	16.70' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	1003.01	996.52
52.1	437+00.03	26.32' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1002.57	997.26
52.2	438+51.27	30.60' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1007.21	1002.18
52.3	440+75.00	27.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1014.38	1010.96
53	434+99.45	17.00' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	1000.57	993.98
55	447+47.73	17.00' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	1008.69	1000.15
55.1	445+61.73	36.83' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1012.53	1007.18
55.2	447+47.73	37.55' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1005.00	1000.75
56	449+53.73	17.00' LT	MAINLINE	-	-	-	-	-	-	1	-	-	-	-	1005.81	996.84
56.1	451+47.73	17.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	1	-	1008.63	1002.09
56.2	451+47.73	27.00' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1007.74	1003.29
57	449+43.73	17.00' LT	MAINLINE	-	-	-	-	1	-	-	-	-	-	-	1005.79	996.64
57.1	449+43.73	41.11' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1005.75	997.26
57.2	448+99.87	36.10' LT	MAINLINE	-	-	-	-	-	-	-	-	-	-	1	1002.54	997.72
			SUBTOTAL	0	0	0	0	5	0	10	0	0	2	13		
			TOTAL	1	2	2	9	19	1	13	8	1	9	27		

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

GUARDRAIL SUMMARY

STATION	TO	STATION	LOCATION	614.2300 MGS GUARDRAIL 3 LF	614.2500 MGS THRIE BEAM TRANSITION LF	614.2610 MGS GUARDRAIL TERMINAL EAT EACH	REMARKS
57+59	-	58+50	LT	-	39.4	1	
61+00	-	61+90	LT	-	39.4	1	
193+58	-	194+86	RT	40	39.4	1	
194+05	-	194+96	LT	-	39.4	1	
195+54	-	196+47	RT	-	39.4	1	
195+66	-	196+94	LT	40	39.4	1	
262+03	-	263+31	RT	40	39.4	1	
262+40	-	263+31	LT	-	39.4	1	
264+26	-	265+18	RT	-	39.4	1	
264+26	-	265+56	LT	40	39.4	1	
328+10	-	329+00	LT	-	39.4	1	
328+62	-	338+50	RT	900	-	2	
337+00	-	337+92	LT	-	39.4	1	
343+26	-	344+16	LT	-	39.4	1	
343+60	-	354+34	RT	988	-	2	
350+50	-	351+43	LT	-	39.4	1	
358+11	-	359+00	LT	-	39.4	1	
364+00	-	364+89	LT	-	39.4	1	
450+57	-	451+46	RT	-	39.4	1	
454+21	-	455+09	RT	-	39.4	1	
			TOTAL	2,048	709	22	

RIPRAP SUMMARY

STATION		* 606.0300 RIPRAP HEAVY CY	* 645.0120 GEOTEXTILE TYPE HR SY	REMARKS
182+85		7	11	
324+23		18	27	
374+92		22	33	
367+65		51	77	
391+48		30	45	
395+42		51	77	
403+00		1,075	1,612	
411+87		15	23	
417+47		18	27	
448+59		18	27	
467+20		10	15	
490+82		22	33	
UNDISTRIBUTED		26	40	
	TOTAL	1,363	2,047	

MOBILIZATION

	619.1000 MOBILIZATION EACH	REMARKS
PROJECT	1	
TOTAL	1	

FINISHING ROADWAY

PROJECT ID	213.0100.01 FINISHING ROADWAY (PROJECT) (01. 5145-00-71) EACH	618.0100.01 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) (01. 5145-00-71) EACH	REMARKS
5145-00-71	1	1	
TOTAL	1	1	

EROSION CONTROL MOBILZATION SUMMARY

LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	REMARKS
PROJECT	6	3	
TOTAL 0010	6	3	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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EROSION CONTROL SUMMARY

STATION	TO	STATION	LOCATION	628.1104 EROSION BALES EACH	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	628.7570 ROCK BAGS EACH	633.5200 MARKERS CULVERT END EACH	REMARKS
0+00	-	106+00	LT & RT	27	14,792	14,792	-	-	-	-	1,620	37	-	50	
106+00	-	212+00	LT & RT	32	18,680	18,680	-	-	-	-	1,566	61	-	60	
212+00	-	305+00	LT & RT	44	14,532	14,532	7	1	6	5	1,272	48	-	31	
305+00	-	417+00	LT & RT	43	13,500	13,500	9	25	2		1,692	113	-	32	
417+00	-	508+50	LT & RT	33	8,325	8,325	13	-	15	2	3,528	76	-	46	
			UNDISTRIBUTED	18	6,983	6,983	3	3	2	1	968	34	18	-	
			TOTAL	197	76,812	76,812	32	29	25	8	10,646	369	18	219	

***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

FINISHING SUMMARY

STATION	TO	STATION	LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2008 EROSION MAT URBAN CLASS I TYPE B SY	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0171 SEEDING MIXTURE NO. 70A LB	630.0200 SEEDING TEMPORARY LB	630.0500 SEED WATER MGAL	REMARKS
0+00	-	106+00	LT & RT	34,644	21,293	13,351	-	22	624	-	935	2,418	
106+00	-	212+00	LT & RT	36,532	23,745	12,787	212	23	658	-	986	1,561	
212+00	-	305+00	LT & RT	34,826	17,836	16,990	-	22	627	-	940	707	
305+00	-	312+00	LT & RT	3,607	260	3,347	88	3	85	-	127	106	
312+00	-	450+00	LT & RT	111,978	45,991	65,987	1,736	58	50	350	2,502	2,083	
450+00	-	508+50	LT & RT	32,192	4,220	27,973	736	25	708	-	1,061	883	
			UNDISTRIBUTED	25,378	11,334	14,044	277	15	275	-	655	776	
			TOTAL	279,157	124,679	154,479	3,049	168	3,027	350	7,206	8,533	

SIGN POST SUMMARY

SIGN NO	SIGN CODE	WIDTH	X	HEIGHT	DESCRIPTION	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	REMARKS
01-13	R1-1	36	X	36	STOP	-	1	-	-	
01-14	W3-1	36	X	36	STOP AHEAD	-	-	1	-	
02-21	W1-8	18	X	24	CHEVRON	1	-	-	-	
02-23	W1-8	18	X	24	CHEVRON	1	-	-	-	
02-25	W1-8	18	X	24	CHEVRON	1	-	-	-	
02-27	W1-8	18	X	24	CHEVRON	1	-	-	-	
02-29	W1-8	18	X	24	CHEVRON	1	-	-	-	
10-07	W3-5	36	X	36	REDUCED SPEED AHEAD	-	-	1	-	
13-09	W1-8	18	X	24	CHEVRON RIGHT	1	-	-	-	
13-14	W1-2L	30	X	30	LEFT CURVE	-	1	-	-	
17-16	W3-1	36	X	36	STOP AHEAD	-	-	1	-	
17-17	R1-1	36	X	36	STOP	-	1	-	-	
					UNDISTRIBUTED	3	12	2	1	
					TOTAL	9	15	5	1	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE

***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

SIGN SUMMARY

SIGN NO	SIGN CODE	WIDTH	X	HEIGHT	DESCRIPTION	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
01-01	J3-3	72	X	57	WEST 19, LEFT ARROW, SOUTH 78, LEFT ARROW, NORTH 78, RIGHT ARROW	-	-	1	-	-	2	
01-02	R1-1	30	X	30	STOP	-	-	1	-	-	1	
01-03	J4-1	24	X	36	EAST 19	-	-	1	-	-	1	
01-04	REMOVE		X			-	-	-	1	1	-	
01-05	REMOVE		X			-	-	-	-	-	-	Same Post as 01-04
01-06	R2-1	24	X	30	SPEED LIMIT 55 MPH	-	-	1	-	-	1	
01-07	D1-2	84	X	36	BLACK EARTH, MAZOMANIE, LEFT, SAUK CITY RIGHT	-	-	1	-	-	2	
01-08	D2-1	78	X	15	WAUNAKEE	-	-	1	-	-	2	
01-09	J3-3	72	X	57	WEST 19, UP LEFT ARROW, SOUTH 78, UP LEFT ARROW, NORTH 78 UP RIGHT ARROW	-	-	1	-	-	2	
01-10	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
01-11	W3-1	36	X	36	STOP AHEAD	-	-	1	-	-	1	
01-12	J1-1	24	X	39	JUNCTION 78	-	-	1	-	-	1	
01-13	R1-1	36	X	36	STOP	7.46	-	-	-	-	-	
01-14	W3-1	36	X	36	STOP AHEAD	-	9.00	-	-	-	-	
02-01	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
02-02	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
02-03	J1-1	24	X	39	JUNCTION COUNTY F	-	-	1	-	-	1	
02-04	W1-2L	30	X	30	CURVE LEFT	-	-	1	-	-	1	
02-05	W13-1	18	X	18	40 MPH ADVISORY	-	-	-	-	-	-	Same post as 02-04
02-06	D2-1	78	X	36	HALFWAY PRAIRIE COUNTY PARK	-	-	1	-	-	2	
02-07	REMOVE		X			-	-	-	1	1	-	
02-08	J4-1	24	X	36	WEST 19	-	-	1	-	-	1	
02-09	REMOVE		X			-	-	-	1	1	-	
02-10	J13-1	24	X	45	COUNTY F RIGHT ARROW	-	-	1	-	-	1	
02-11	REMOVE		X			-	-	-	1	1	-	
02-12	W1-7	48	X	24	DOUBLE ARROW	-	-	1	-	-	1	
02-13	R1-1	30	X	30	STOP	-	-	1	-	-	1	
02-14	J13-1	24	X	45	COUNTY F LEFT ARROW	-	-	1	-	-	1	
02-15	J4-1	24	X	36	EAST 19	-	-	1	-	-	1	
02-16	W1-2R	30	X	30	CURVE RIGHT	-	-	1	-	-	1	
02-17	D2-1	78	X	36	HALFWAY PRAIRIE COUNTY PARK	-	-	1	-	-	2	
02-18	W1-2R	30	X	30	CURVE RIGHT	-	-	1	-	-	1	
02-19	W13-1	18	X	18	40 MPH ADVISORY	-	-	-	-	-	-	Same post as 02-18
02-20	J13-1	24	X	45	STH 19 DOUBLE ARROW	-	-	1	-	-	1	
02-21	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	
02-22	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	Same post as 02-21
02-23	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	
02-24	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	Same post as 02-23
02-25	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	
02-26	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	Same post as 02-25
02-27	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	
02-28	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	Same post as 02-27
02-29	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	
02-30	W1-8	18	X	24	CHEVRON	-	3.00	-	-	-	-	Same post as 02-29
02-31	I55-56	30	X	18	ADOPT A HIGHWAY HEADER	3.75	-	1	-	-	1	
02-32	I55-56P	30	X	18	WISCONSIN HEIGHTS OPTIMIST CLUB	3.75	-	-	-	-	-	Same post as 02-31
02-33	I55-56	30	X	36	ADOPT A HIGHWAY WITH SPONSOR PLAQUE	-	-	1	-	-	1	
03-01	W11-5	30	X	30	FARM MACHINERY CROSSING	-	-	1	-	-	1	
03-02	J1-1	24	X	39	JUNCTION COUNTY F	-	-	1	-	-	1	
03-03	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
03-04	W1-2L	30	X	30	LEFT CURVE	-	-	1	-	-	1	
03-05	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
03-06	R1-1	30	X	30	STOP	-	-	1	-	-	1	
05-01	R1-1	30	X	30	STOP	-	-	1	-	-	1	
05-02	R1-1	30	X	30	STOP	-	-	1	-	-	1	
05-03	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
05-04	S3-1	36	X	36	SCHOOL BUS STOP AHEAD	-	-	1	-	-	1	
					SUBTOTAL	14.96	39.00	37	4	4	43	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

SIGN SUMMARY (CONT.)

SIGN NO	SIGN CODE	WIDTH	X	HEIGHT	DESCRIPTION	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
06-01	W1-2L	30	X	30	LEFT CURVE	-	-	1	-	-	1	
06-02	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
06-03	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
06-04	S3-1	36	X	36	SCHOOL BUS STOP AHEAD	-	-	1	-	-	1	
06-05	W1-2R	30	X	30	RIGHT CURVE	-	-	1	-	-	1	
06-06	R1-1	30	X	30	STOP	-	-	1	-	-	1	
06-07	REMOVE		X			-	-	-	1	-	-	Remove sign only
06-08	REMOVE		X			-	-	-	1	-	1	Remove sign only
06-09	I55-56	30	X	18	ADOPT A HIGHWAY HEADER	3.75	-	-	-	-	1	Move post from 06-07
06-10	I55-56P	30	X	18	WISCONSIN HEIGHTS OPTIMIST CLUB	3.75	-	-	-	-	-	Same post as 06-09
06-11	I55-56	30	X	18	ADOPT A HIGHWAY HEADER	3.75	-	-	-	-	1	Move post from 06-08
06-12	I55-56P	30	X	18	ROADSIDE 4 WHEELERS	3.75	-	-	-	-	-	Same post as 06-11
07-01	R1-1	30	X	30	STOP	-	-	1	-	-	1	
07-02	W5-52R	12	X	36	RIGHT OBJECT MARKER	-	-	1	-	-	1	
07-03	W5-52L	12	X	36	LEFT OBJECT MARKER	-	-	1	-	-	1	
07-04	W5-52L	12	X	36	LEFT OBJECT MARKER	-	-	1	-	-	1	
07-05	W5-52R	12	X	36	RIGHT OBJECT MARKER	-	-	1	-	-	1	
08-01	J1-1	24	X	39	JUNCTION KP	-	-	1	-	-	1	
08-02	REMOVE		X			-	-	-	1	-	-	Remove sign only
08-03	J4-1	24	X	36	WEST 19	-	-	1	-	-	1	
08-04	J13-1	24	X	45	COUNTY KP RIGHT AHEAD ARROW	-	-	1	-	-	1	
08-05	W1-7	48	X	24	DOUBLE ARROW	-	-	1	-	-	1	
08-06	R1-1	30	X	30	STOP	-	-	1	-	-	1	
08-07	J13-1	24	X	45	COUNTY KP LEFT ARROW	-	-	1	-	-	1	
08-08	J13-2	48	X	45	HWY 19 DOUBLE ARROW, COUNTY KP RIGHT ARROW	-	-	1	-	-	1	
08-09	J4-2	48	X	36	EAST 19, COUNTY KP	-	-	1	-	-	1	
08-10	W3-5	36	X	36	SPEED LIMIT 45 AHEAD	-	-	1	-	-	1	
08-11	R2-1	24	X	30	SPEED LIMIT 55	-	-	1	-	-	1	
08-12	R2-1	24	X	30	SPEED LIMIT 45	-	-	1	-	-	1	
08-13	W2-2	30	X	30	SIDE ROAD	-	-	1	-	-	1	
08-14	J13-1	24	X	45	COUNTY KP LEFT AHEAD ARROW	-	-	1	-	-	1	
08-15	I55-56	30	X	18	ADOPT A HIGHWAY HEADER	3.75	-	1	-	-	1	Move post from 08-02
08-16	I55-56P	30	X	18	ROADSIDE 4 WHEELERS	3.75	-	-	-	-	-	Same post as 08-15
08-17	I55-56	30	X	36	ADOPT A HIGHWAY WITH SPONSOR PLAQUE	-	-	1	-	-	-	
09-01	S3-1	36	X	36	SCHOOL BUS STOP AHEAD	-	-	1	-	-	1	
09-02	R2-1	24	X	30	SPEED LIMIT 45	-	-	1	-	-	1	
09-03	S3-1	36	X	36	SCHOOL BUS STOP AHEAD	-	-	1	-	-	1	
09-04	I2-3-U	66	X	24	MARXVILLE UNINCORPORATED	-	-	1	-	-	2	
09-05	R2-1	24	X	30	SPEED LIMIT 45	-	-	1	-	-	1	
09-06	R2-1	24	X	30	SPEED LIMIT 45	-	-	1	-	-	1	
09-07	W5-52L	12	X	36	OBJECT MARKER LEFT	-	-	1	-	-	1	
09-08	W5-52R	12	X	36	OBJECT MARKER RIGHT	-	-	1	-	-	1	
09-09	W5-52R	12	X	36	OBJECT MARKER RIGHT	-	-	1	-	-	1	
09-10	W5-52L	12	X	36	OBJECT MARKER LEFT	-	-	1	-	-	1	
09-11	J13-1	24	X	45	COUNTY KP RIGHT AHEAD ARROW	-	-	1	-	-	1	
09-12	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
09-13	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
09-14	R2-1	24	X	30	SPEED LIMIT 45	-	-	1	-	-	1	
09-15	R2-1	24	X	30	SPEED LIMIT 45	-	-	1	-	-	1	
09-16	R7-1L	18	X	24	NO PARKING	-	-	1	-	-	1	
					SUBTOTAL	22.50	0.00	42	3	0	45	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

SIGN SUMMARY (CONT.)

SIGN NO	SIGN CODE	WIDTH	X	HEIGHT	DESCRIPTION	637.2210 SIGNG TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
09-17	J4-2	48	X	36	WEST 19 COUNTY KP	-	-	1	-	-	1	
09-18	J13-2	48	X	45	19 DOUBLE ARROW, COUNTY KP	-	-	1	-	-	2	
09-19	R1-1	30	X	30	STOP	-	-	1	-	-	1	
09-20	J13-1	24	X	45	COUNTY KP LEFT ARROW	-	-	1	-	-	1	
09-21	W1-7	48	X	24	DOUBLE ARROW	-	-	1	-	-	1	
09-22	R1-1	30	X	30	STOP	-	-	1	-	-	1	
09-23	R7-1R	18	X	24	NO PARKING	-	-	1	-	-	1	
09-24	J13-1	24	X	45	COUNTY KP AHEAD, RIGHT ARROW	-	-	-	-	-	-	SAME POST AS 09-23
10-01	J4-1	24	X	36	WEST 19	-	-	1	-	-	1	
10-02	R2-1	24	X	30	SPEED LIMIT 45	-	-	1	-	-	1	
10-03	R2-1	24	X	30	SPEED LIMIT 55	-	-	1	-	-	1	
10-04	J1-1	24	X	39	JUNCTION COUNTY KP	-	-	1	-	-	1	
10-05	I2-3-U	66	X	24	MARXVILLE UNINCORPORATED	-	-	1	-	-	2	
10-06	W14-3	48	X	36	NO PASSING ZONE			1	-	-	1	
10-07	W3-5	36	X	36	SPEED LIMIT 45 AHEAD	-	-	1	-	-	-	
10-08	R1-1	30	X	30	STOP	-	-	1	-	-	1	
10-09	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
10-10	J1-1	24	X	39	JUNCTION COUNTY K	-	-	1	-	-	1	
11-01	W5-52L	12	X	36	OBJECT MARKER LEFT	-	-	1	-	-	1	
11-02	W5-52R	12	X	36	OBJECT MARKER RIGHT	-	-	1	-	-	1	
11-03	W5-52R	12	X	36	OBJECT MARKER RIGHT	-	-	1	-	-	1	
11-04	W5-52L	12	X	36	OBJECT MARKER LEFT	-	-	1	-	-	1	
11-05	W1-2R	30	X	30	RIGHT CURVE	-	-	1	-	-	1	
11-06	J4-1	24	X	36	WEST 19	-	-	1	-	-	1	
11-07	J13-1	24	X	45	COUNTY K RIGHT ARROW	-	-	1	-	-	1	
11-08	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
11-09	W1-7	48	X	24	DOUBLE ARROW	-	-	1	-	-	1	
11-10	R1-1	30	X	30	STOP	-	-	1	-	-	1	
11-11	J13-1	24	X	45	19 DOUBLE ARROW	-	-	1	-	-	1	
11-12	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
11-13	J13-1	24	X	45	COUNTY K, LEFT ARROW	-	-	1	-	-	1	
11-14	J4-1	24	X	36	EAST 19	-	-	1	-	-	1	
11-15	REMOVE		X			-	-	-	1	1	-	
11-16	REMOVE		X			-	-	-	-	-	-	Same post as 11-15
11-17	W1-5R	30	X	30	WINDING ROAD	-	-	1	-	-	1	
11-18	W13-1	18	X	18	45 MPH		2.25	-	1	-	-	Same post as 11-17
11-19	J1-1	24	X	39	JUNCTION COUNTY K	-	-	1	-	-	1	
11-20	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
11-21	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
					SUBTOTAL	0.00	2.25	35	2	1	36	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

SIGN SUMMARY (CONT.)

SIGN NO	SIGN CODE	WIDTH	X	HEIGHT	DESCRIPTION	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
11-22	W14-1	30	X	30	DEAD END	-	-	1	-	-	1	
11-23	R1-1	30	X	30	STOP	-	-	1	-	-	1	
11-24	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
11-25	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
11-26	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
11-27	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
11-28	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
11-29	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
11-30	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
11-31	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
11-32	REMOVE		X			-	-	-	1	1	-	
11-33	REMOVE		X			-	-	-	-	-	-	Same post as 11-32
11-34	S3-1	36	X	36	SCHOOL BUS STOP AHEAD	-	-	1	-	-	1	
11-35	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
11-36	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
11-37	R1-1	30	X	30	STOP SIGN	-	-	1	-	-	1	
12-01	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
12-02	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
12-03	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
12-04	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
12-05	W1-8	18	X	24	CHEVRON LEFT	-	-	1	-	-	1	
12-06	W1-8	18	X	24	CHEVRON RIGHT	-	-	-	-	-	-	
12-07	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
12-08	R1-1	30	X	30	STOP	-	-	1	-	-	1	
12-09	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
12-10	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
12-11	S3-1	36	X	36	SCHOOL BUS STOP AHEAD	-	-	1	-	-	1	
12-12	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
12-13	W1-5R	30	X	30	WINDING ROAD	-	-	1	-	-	1	
12-14	W13-1	18	X	18	45 MPH	-	2.25	-	1	-	-	Same post as 12-13
12-15	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
12-16	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
12-17	W1-2R	30	X	30	RIGHT CURVE	-	6.25	-	-	-	-	Same post as 12-19
12-18	W13-1	18	X	18	45 MPH	-	2.25	-	-	-	-	Same post as 12-19
12-19	REMOVE		X			-	-	-	1	-	1	
12-20	REMOVE		X			-	-	-	-	-	-	Same post as 12-19
12-21	W1-2R	30	X	30	RIGHT CURVE	-	-	1	-	-	1	
12-22	W13-1	18	X	18	45 MPH	-	2.25	-	1	-	-	Same post as 12-21
12-23	W1-8	18	X	24	CHEVRON RIGHT	-	-	1	-	-	1	
12-24	W1-8	18	X	24	CHEVRON LEFT	-	-	-	-	-	-	
12-25	W1-8	18	X	24	CHEVRON RIGHT	-	-	1	-	-	1	
12-26	W1-8	18	X	24	CHEVRON LEFT	-	-	-	-	-	-	
13-01	W1-8	18	X	24	CHEVRON RIGHT	-	-	1	-	-	1	
					SUBTOTAL	0.00	13.00	25	4	1	26	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

SIGN SUMMARY (CONT.)

SIGN NO	SIGN CODE	WIDTH	X	HEIGHT	DESCRIPTION	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
13-02	W1-8	18	X	24	CHEVRON LEFT	-	-	-	-	-	-	
13-03	W1-8	18	X	24	CHEVRON RIGHT	-	-	1	-	-	1	
13-04	W1-8	18	X	24	CHEVRON LEFT	-	-	-	-	-	-	
13-05	W1-8	18	X	24	CHEVRON RIGHT	-	-	1	-	-	1	
13-06	W1-8	18	X	24	CHEVRON LEFT	-	-	-	-	-	-	
13-07	W1-8	18	X	24	CHEVRON RIGHT	-	-	1	-	-	1	
13-08	W1-8	18	X	24	CHEVRON LEFT	-	-	-	-	-	-	
13-09	W1-8	18	X	24	CHEVRON RIGHT	-	3.00	-	-	-	-	
13-10	W1-8	18	X	24	CHEVRON LEFT	-	3.00	-	-	-	-	Same post as 13-09
13-11	REMOVE		X			-	-	-	1	1	-	
13-12	REMOVE		X			-	-	-	-	-	-	Same post as 13-11
13-13	REMOVE		X			-	-	-	1	1	-	
13-14	W1-2L	30	X	30	LEFT CURVE	-	-	1	-	-	1	
13-15	W13-1	18	X	18	45 MPH	-	-	-	-	-	-	Same post as 13-14
13-16	W11-6	30	X	30	SNOWMOBILE CROSSING	-	-	-	-	-	1	
13-17	REMOVE		X			-	-	-	1	1	-	
13-18		66	X	36	ICE AGE NATIONAL SCENIC TRAIL	-	-	1	-	-	2	
13-19	W5-2	36	X	36	NARROW BRIDGE	-	-	1	-	-	1	
13-20	I55-56	30	X	36	ADOPT A HIGHWAY	-	-	1	-	-	1	
13-21	R1-1	30	X	30	STOP	-	-	1	-	-	1	
13-22	R1-1	30	X	30	STOP	-	-	1	-	-	1	
13-23	W5-52L	12	X	36	OBJECT MARKER LEFT	-	-	1	-	-	1	
13-24	W5-52R	12	X	36	OBJECT MARKER RIGHT	-	-	1	-	-	1	
13-25	W5-52R	12	X	36	OBJECT MARKER RIGHT	-	-	1	-	-	1	
13-26	W5-52L	12	X	36	OBJECT MARKER LEFT	-	-	1	-	-	1	
13-27	I55-56	30	X	36	ADOPT A HIGHWAY WITH SPONSOR PLAQUE	-	-	1	-	-	1	
14-01		66	X	36	ICE AGE NATIONAL SCENIC TRAIL	-	-	1	-	-	2	
14-02	REMOVE		X			-	-	-	1	1	-	
14-03	REMOVE		X			-	-	-	-	-	-	Same post as 14-02
14-04	W5-2	36	X	36	NARROW BRIDGE	-	-	1	-	-	1	
14-05	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
14-06	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
14-07	REMOVE		X			-	-	-	1	1	-	
14-08	REMOVE		X			-	-	-	-	-	-	Same post as 14-07
14-09	REMOVE		X			-	-	-	1	1	-	
14-10	REMOVE		X			-	-	-	-	-	-	Same post as 14-09
14-11	REMOVE		X			-	-	-	1	1	-	
14-12	REMOVE		X			-	-	-	1	1	-	
14-13	REMOVE		X			-	-	-	1	1	-	
14-14	REMOVE		X			-	-	-	1	1	-	
15-01	S3-1	36	X	36	SCHOOL BUS STOP AHEAD	-	-	-	-	-	-	
					SUBTOTAL	0.00	6.00	18	10	10	21	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

SIGN SUMMARY (CONT.)

SIGN NO	SIGN CODE	WIDTH	X	HEIGHT	DESCRIPTION	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
15-02	REMOVE		X			-	-	-	1	1	-	
15-03	REMOVE		X			-	-	-	-	-	-	Same post as 15-02
15-04	W1-4R	30	X	30	RIGHT REVERSE CURVE	-	-	1	-	-	1	
15-05	W13-1	18	X	18	45 MPH	-	2.25	-	1	-	-	Same post as 15-04
15-06	W11-06	30	X	30	SNOWMOBILE CROSSING	-	-	1	-	-	1	
15-07	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
15-08	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
15-09	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
15-10	R1-1	30	X	30	STOP	-	-	1	-	-	1	
15-11	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
15-12	W1-4R	30	X	30	RIGHT REVERSE CURVE	-	-	1	-	-	1	
15-13	W13-1	18	X	18	45 MPH	-	2.25	-	1	-	-	Same post as 15-12
15-14	W11-06	30	X	30	SNOWMOBILE CROSSING	-	-	1	-	-	1	
16-01	R1-1	30	X	30	STOP	-	-	1	-	-	1	
16-02	W1-4R	30	X	30	RIGHT REVERSE CURVE	-	-	1	-	-	1	
16-03	W13-1	18	X	18	45 MPH	-	2.25	-	1	-	-	Same post as 16-02
16-04	W1-4R	30	X	30	RIGHT REVERSE CURVE	-	-	1	-	-	1	
16-05	W13-1	18	X	18	40 MPH	-	-	-	-	-	-	Same post as 16-04
16-06	W1-6	48	X	24	LEFT ARROW	-	-	1	-	-	1	
16-07	W1-6	48	X	24	RIGHT ARROW	-	-	1	-	-	1	
16-08	W1-2R	30	X	30	RIGHT CURVE	-	-	1	-	-	1	
16-09	W1-2R	30	X	30	RIGHT CURVE	-	-	1	-	-	1	
16-10	W13-1	18	X	18	40 MPH	-	-	-	-	-	-	Same post as 16-09
17-01	J1-1	24	X	39	JUNCTION 12	-	-	1	-	-	1	
17-02	W3-1	36	X	36	STOP AHEAD	-	-	1	-	-	1	
17-03	W1-2L	30	X	30	LEFT CURVE	-	-	1	-	-	1	
17-04	J3-3	72	X	57	WEST 12 LEFT AHEAD, EAST 12 RIGHT AHEAD, EAST 19 RIGHT AHEAD	-	-	1	-	-	2	
17-05	D2-1	84	X	15	MAZOMANIE	-	-	1	-	-	2	
17-06	D1-2	72	X	36	SAUK CITY, WANUAKEE, MADISON	-	-	1	-	-	2	
17-07	W14-3	48	X	36	NO PASSING ZONE	-	-	1	-	-	1	
17-08	R2-1	24	X	30	SPEED LIMIT 55 MPH	-	-	1	-	-	1	
17-09	J4-1	24	X	36	WEST 19	-	-	1	-	-	1	
17-10	REMOVE		X			-	-	-	1	1	-	
17-11	REMOVE		X			-	-	-	-	-	-	Same post as 17-10
17-12	R6-1R	36	X	12	ONE WAY	-	-	1	-	-	1	
17-13	R1-1	30	X	30	STOP	-	-	-	-	-	-	Same post as 17-12
17-14	R6-3	30	X	24	DIVIDED HIGHWAY	-	-	-	-	-	-	Same post as 17-12
17-15	J3-3	72	X	57	WEST 12 LEFT, EAST 12 RIGHT, EAST 19 RIGHT	-	-	1	-	-	2	
17-16	W3-1	36	X	36	STOP AHEAD	-	9.00	-	-	-	-	
17-17	R1-1	36	X	36	STOP	7.46	-	-	-	-	-	
17-18	I55-56	30	X	36	ADOPT A HIGHWAY WITH SPONSOR PLAQUE	-	-	1	-	-	1	
					SUBTOTAL	7.46	15.75	28	5	2	32	
					TOTAL	44.92	76.00	185	28	18	203	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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TRAFFIC CONTROL

LOCATION	643.0300 DRUMS NO. DEVICES	643.0300 TRAFFIC CONTROL DRUMS DAY	BARRICADES TYPE III NO. DEVICES	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 WARNING LIGHTS TYPE A NO. DEVICES	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0900 SIGNS NO. DEVICES	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 SIGNS PCMS NO. DEVICES	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.5000 TRAFFIC CONTROL EACH
DETOUR OVERVIEW	-	-	-	-	-	-	24	6,624	-	2	14	-
DETAIL A	-	-	1	276	2	552	18	4,968	3	-	-	-
DETAIL B	-	-	-	-	-	-	37	10,212	-	-	-	-
DETAIL C	-	-	1	276	2	552	7	1,932	-	-	-	-
DETAIL D	-	-	1	276	2	552	28	7,728	3	-	-	-
CTH F	-	-	6	1,656	12	3,312	6	1,656	-	-	-	-
OLD SETTLERS RD	-	-	6	1,656	12	3,312	6	1,656	-	-	-	-
CTH KP	-	-	6	1,656	12	3,312	6	1,656	-	-	-	-
CTH KP	-	-	6	1,656	12	3,312	6	1,656	-	-	-	-
CTH K	-	-	6	1,656	12	3,312	6	1,656	-	-	-	-
MATZ RD	-	-	6	1,656	12	3,312	6	1,656	-	-	-	-
WHIPPOORWILL RD	-	-	6	1,656	12	3,312	6	1,656	-	-	-	-
B-13-796	-	-	16	640	24	960	6	240	-	-	-	-
B-13-797	-	-	16	640	24	960	6	240	-	-	-	-
C-13-3098	-	-	16	320	24	480	6	120	-	-	-	-
UNDISTRIBUTED	50	13,800	-	-	-	-	-	-	-	-	-	1
TOTALS	50	13,800		14,020		27,240		43,656	6		14	1

Note: Only one cycle is anticipated for "Traffic Control Covering Signs Type II".

PAVEMENT MARKINGS SUMMARY

SIDE ROAD	TO	SIDE ROAD	LOCATION	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH WHITE LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	648.0100 LOCATING NO-PASSING ZONES MI	646.6470 COLD WEATHER MARKING EPOXY 10-INCH LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH YELLOW LF	646.2020 MARKING LINE EPOXY 6-INCH WHITE LF	REMARKS
STH 78	-	CTH F		10,353	232	2	1	40	-	58	4,561	7,889	-	
CTH F	-	CTH KP SOUTH		35,417	235	2	1	21	-	59	16,495	30,366	198	
CTH KP SOUTH	-	CTH K		15,533	337	2	1	34	-	84	7,131	12,735	255	
CTH K	-	MATZ RD		15,781	-	-	-	38	-	-	7,996	16,142	60	
MATZ RD	-	US 12/STH 19		22,698	42	-	-	27	-	11	11,280	22,421	-	
			PROJECT	-	-	-	-	-	9.62	-	-	-	-	
			TOTAL	99,782	846	6	3	160	9.62	212	47,463	89,553	513	

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***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

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CONSTRUCTION STAKING SUMMARY

LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.7500 CONSTRUCTION STAKING CONCRETE BARRIER LF	650.9911.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. 5145-00-71) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
PROJECT	185	50,849	50,849	13,573	110	2,459	1	50,849	
TOTAL	185	50,849	50,849	13,573	110	2,459	1	50,849	

MONUMENTATION SUMMARY

STATION	TO	STATION	LOCATION	SPV.0060.01 SPECIAL (01. VERIFY AND REPLACE EXISTING LAND PARCEL MONUMENTS) EACH	SPV.0060.02 SPECIAL (02. VERIFY LANDMARK REFERENCE MONUMENTS) EACH	SPV.0060.03 SPECIAL (03. RESEARCH AND LOCATE EXISTING LAND PARCEL MONUMENTS) EACH	REMARKS
0+00	-	100+00		11	1	11	
100+00	-	200+00		2	2	2	
200+00	-	300+00		7	2	7	
300+00	-	400+00		6		6	
400+00	-	508+69		12	1	12	
			TOTAL	38	6	38	

'INSTALLING AND MAINTAINING BIRD

CATEGORY	LOCATION	999.2000.S.01 INSTALLING AND MAINTAINING BIRD DETERRENT SYSTEM (STATION) (01. STA 195+20) EACH	999.2000.S.02 INSTALLING AND MAINTAINING BIRD DETERRENT SYSTEM (STATION) (02. STA 263+75) EACH	REMARKS
0010	B-13-796	1	-	
0010	B-13-797	-	1	
	TOTAL 0010	1	1	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

PWL MIX USE TABLE

Quality Management Program to be used for:

LOCATION	STATION	TO STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
ASPHALTIC SHOULDER WIDENING	00+33	508+54	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	1030	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
ASPHALTIC SHOULDER WIDENING	00+33	508+54	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	1030	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	0+33	56+00	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	1910	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	0+33	56+00	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	520	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	0+33	56+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	1530	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	0+33	56+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	420	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	56+00	71+00	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	520	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	56+00	71+00	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	140	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	56+00	71+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	410	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	56+00	71+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	120	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	71+00	225+00	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	5270	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	71+00	225+00	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	1440	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	71+00	225+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	4220	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	71+00	225+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	1150	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	225+00	237+50	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	430	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	225+00	237+50	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	120	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	225+00	237+50	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	350	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	225+00	237+50	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	100	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	237+50	264+68	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	930	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	237+50	264+68	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	260	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	237+50	264+68	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	750	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	237+50	264+68	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	210	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

PWL MIX USE TABLE CONTINUED

LOCATION	STATION	TO STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
DRIVING LANES 2-11 FOOT LANES	264+68	283+00	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	630	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	264+68	283+00	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	180	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	264+68	283+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	510	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	264+68	283+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	140	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	283+00	305+00	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	750	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	283+00	305+00	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	210	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	283+00	305+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	610	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 3 FOOT SHOULDER	283+00	305+00	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	170	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	305+00	463+50	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	5430	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 5 FOOT SHOULDER	305+00	463+50	LOWER LAYER	BASE AGGREGATE DENSE	HMA PAVEMENT 3 LT 58-28 S	2470	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	305+00	463+50	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	4340	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 5 FOOT SHOULDER	305+00	463+50	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	1980	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	463+50	508+54	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	1540	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 5 FOOT SHOULDER	463+50	508+54	LOWER LAYER	MILLED SURFACE	HMA PAVEMENT 3 LT 58-28 S	700	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
DRIVING LANES 2-11 FOOT LANES	463+50	508+54	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	1240	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT 460.2005
MAINLINE 5 FOOT SHOULDER	463+50	508+54	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 4 LT 58-28 S	560	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
UNDISTRIBUTED	-	-	LOWER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 3 LT 58-28 S	750	2.5	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE
UNDISTRIBUTED	-	-	UPPER LAYER	HMA PAVEMENT 4 LT 58-28 S	HMA PAVEMENT 3 LT 58-28 S	750	2	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	ACCEPTANCE TESTING BY THE DEPARTMENT; NOT ELIGIBLE FOR INCENTIVE

3

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

HMA PAVEMENT PWL, TEST STRIP

STATION	TO	STATION	LOCATION	460.0105.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP VOLUMETRICS EACH	460.0110.S HMA PERCENT WITHIN LIMITS (PWL) TEST STRIP DENSITY EACH
0+33	-	508+54	PROJECT	2	3
	-		TOTAL	2	3

FIELD OFFICE

CATEGORY	LOCATION	642.5401 FIELD OFFICE TYPE D EACH	REMARKS
0010	PROJECT	1	
	TOTAL 0010	1	

3

PREPARE FOUNDATION

CATEGORY	STATION	TO	STATION	LOCATION	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	211.0101.01 PREPARE FOUNDATION FOR ASPHALTIC PAVING (PROJECT) (01. TBD) EACH	REMARKS
0010	0+34	-	56+00		56	-	
0010	56+00	-	71+00		-	-	
0010	71+00	-	225+00		154	-	
0010	225+00	-	237+50		-	-	
0010	237+50	-	260+50		23	-	
0010	260+50	-	283+00		-	-	
0010	283+00	-	305+00		22	-	
0010	305+00	-	463+50		-	-	
0010	463+50	-	508+50		45	-	
				PROJECT	-	1	
				TOTAL 0010	300	1	

* ADDITIONAL QUANTITIES LISTED ELSEWHERE
***ALL ITEMS CATEGORY 0010 UNLESS OTHERWISE NOTED

FILE NAME : N:\PDS\...\030200_mq.pptx PLOT DATE : June 14, 1911 PLOT BY : A.R.H. PLOT NAME : PLOT SCALE : 1:1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5145-00-23
MAZOMANIE - USH 12
STH 78 - USH 12
STH 19
DANE COUNTY

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (3/4-INCH UNLESS NOTED)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		
METER (LABEL TYPE) (GAS, ELEC, ETC.)		

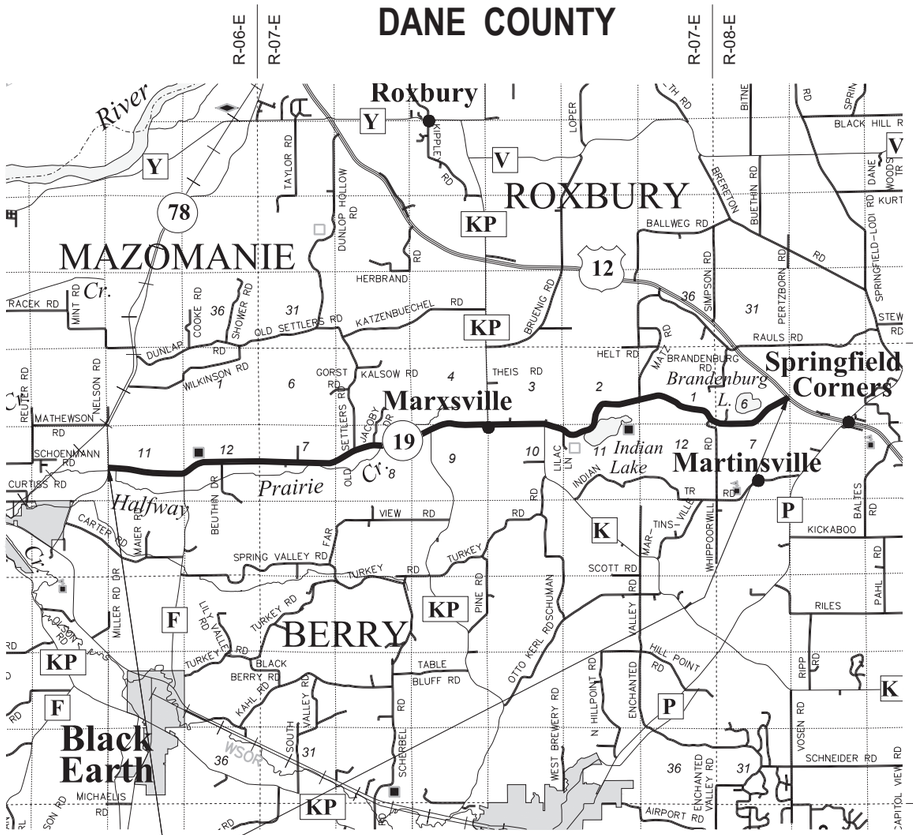
ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY NUMBER	NGS NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	AH
DIRECTION BACK	BK



LAYOUT SCALE 0 1 MI.

CONVENTIONAL UTILITY SYMBOLS

W	WATER
G	GAS
T	TELEPHONE
OH	OVERHEAD TRANSMISSION LINES
E	ELECTRIC
TV	CABLE TELEVISION
FO	FIBER OPTIC
SAN	SANITARY SEWER
SS	STORM SEWER

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5145-00-23

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

A HIGHWAY EASEMENT (HE) IS AN EASEMENT FOR HIGHWAY PURPOSES, AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.01
SHEET 2 OF 2
AMENDMENT NO:

4.01 POINT TABLE		
POINT NUMBER	Y	X
103	522528.372	721880.225
104	522540.722	721919.894
105	522514.715	722240.449
106	522483.068	722490.586
107	522417.447	722888.275
108	522358.391	723182.404
109	522323.961	723328.485
110	522267.927	723621.697
111	522253.299	723788.695
112	522159.284	723787.992
113	522168.958	723707.955
114	522225.841	723410.780
115	522284.897	723116.650
116	522305.253	723044.241

4.01 POINT TABLE		
POINT NUMBER	Y	X
118	522422.800	722332.482
119	522437.168	722083.520
120	522440.266	721983.443
121	522480.671	721485.078
123	522241.286	721205.539
124	522087.380	721204.340
125	521895.021	721156.281
126	522891.200	721207.924
IP190	522340.724	722862.583
IP191	522645.302	721205.776
IP192	522400.486	721208.633
IP193	522573.747	721271.768
IP194	522503.891	721321.020

4.02 POINT TABLE		
POINT NUMBER	Y	X
111	522253.299	723788.695
112	522159.284	723787.992
200	522250.641	723819.037
201	522226.398	723965.882
202	522208.161	724190.142
203	522191.342	724314.187
204	522166.952	724662.884
205	522179.776	725087.657
206	522152.298	725311.066
207	522137.071	726060.649
208	522146.079	726290.872

4.02 POINT TABLE		
POINT NUMBER	Y	X
209	522123.813	726290.030
210	522162.282	726426.850
211	522035.155	726400.179
217	522049.199	725708.792
218	522061.857	725634.033
219	522072.019	725208.778
220	522062.087	725158.302
221	522088.859	724707.925
222	522121.415	724208.170
223	522132.642	724008.423
IP290	522069.816	725262.066

4.03 POINT TABLE		
POINT NUMBER	Y	X
210	522162.282	726426.850
301	522200.362	726449.359
302	522251.844	726554.084
303	522324.805	726625.335
304	522548.678	726951.000
305	522658.046	727055.588
306	522894.784	727463.453
307	522926.307	727565.248
308	522954.982	727775.783
309	522950.091	728154.420
310	522962.763	728454.319
311	522954.768	728679.399
312	522957.661	729054.372
313	522863.105	729054.349

4.03 POINT TABLE		
POINT NUMBER	Y	X
314	522859.326	728630.247
316	522840.228	727783.190
317	522847.637	727753.044
326	522848.857	728480.332
327	522905.532	727498.158
IP390	522816.322	727639.115
IP391	522712.740	727359.543
IP392	522613.295	727182.709
IP393	522494.400	727032.559
IP394	522333.973	726818.416
IP395	522241.517	726687.857
IP396	522162.796	726568.423
IP397	522107.315	726466.276

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4.04 POINT TABLE		
POINT NUMBER	Y	X
312	522957.661	729054.372
313	522863.105	729054.349
401	522962.484	729679.610
402	522952.935	729779.638
403	522957.886	730879.643
404	522952.402	731029.669
406	522953.937	731354.700
407	522965.288	731479.960
408	522957.955	731693.521
409	522867.644	731693.500
410	522870.289	731479.731
411	522874.237	731180.022
412	522863.325	729079.099
IP490	522953.766	731183.873

4.05 POINT TABLE		
POINT NUMBER	Y	X
408	522957.955	731693.521
409	522867.644	731693.500
501	522963.355	731693.512
503	522897.403	733255.133
504	522893.285	733380.065
505	522887.015	733830.302
506	522873.478	734338.569
507	522778.602	734337.994
508	522780.668	734276.696
509	522807.749	733534.471
510	522809.554	733485.004
511	522824.859	733027.620
512	522836.390	732677.810
513	522864.123	731978.017
IP590	522914.938	732997.772

4.06 POINT TABLE		
POINT NUMBER	Y	X
506	522873.478	734338.569
507	522778.602	734337.994
601	522866.715	734388.029
602	522855.368	734579.383
603	522829.829	735530.250
604	522798.861	736621.906
605	522828.374	736760.720
606	522950.813	737023.894
607	522824.989	737023.530
608	522731.028	736791.178
609	522712.980	736579.071
610	522713.638	736250.918
611	522723.026	736076.099
612	522750.263	735176.919
613	522768.872	734626.746
614	522726.194	736734.374

4.07 POINT TABLE		
POINT NUMBER	Y	X
606	522950.813	737023.894
607	522824.989	737023.530
700	522972.592	737070.707
701	523010.431	737162.672
702	523182.822	737467.085
703	523237.946	737550.772
704	523386.377	737811.479
705	523563.983	738113.378
706	523652.939	738278.906
707	523691.934	738345.047
709	523541.417	738238.828
710	523431.858	738073.264
711	523209.211	737682.203

4.07 POINT TABLE		
POINT NUMBER	Y	X
712	522847.394	737078.935
IP788	523572.085	738344.616
IP789	523590.617	738344.683
IP790	523798.117	738698.785
IP791	523939.467	739152.244
IP792	523999.953	739403.562
IP793	524037.564	739524.286
IP794	524063.912	739663.010
IP795	524063.901	739665.644
IP796	523926.938	739665.056
IP797	523843.998	739182.003
IP798	523640.442	738528.985

4.08 POINT TABLE		
POINT NUMBER	Y	X
IP795	524063.901	739665.644
IP796	523926.938	739665.056
800	524063.363	740946.856
801	524209.803	741470.608
802	524278.716	741710.923
803	524329.041	741904.552
804	524441.280	742232.104
805	524473.554	742307.754
806	524353.037	742307.010
810	524082.035	741369.691
811	524068.580	741302.725

4.08 POINT TABLE		
POINT NUMBER	Y	X
812	524001.530	741061.884
813	523967.146	740974.101
814	523901.487	740622.308
815	523870.012	740432.512
816	523908.109	740128.570
817	523996.308	740329.163
IP880	524060.843	739712.498
IP881	524017.594	739972.819
IP883	524074.306	740985.501
IP884	523970.220	740984.955
IP887	523925.143	739843.409

4.09 POINT TABLE		
POINT NUMBER	Y	X
805	524473.554	742307.754
806	524353.037	742307.010
901	524596.552	742596.066
902	524661.767	742675.891
903	524704.365	742766.364
904	524762.632	742987.622
905	525188.473	743864.728
906	525301.863	744060.040
907	525431.879	744420.490
908	525483.651	744591.887
909	525530.638	744816.713
910	525541.925	744963.017
911	525435.777	744964.701

4.09 POINT TABLE		
POINT NUMBER	Y	X
912	525433.591	744877.722
913	525369.938	744540.077
914	525321.821	744400.844
915	525250.961	744165.679
916	525202.326	744106.863
917	524994.676	743696.242
918	524844.956	743695.158
919	524845.434	743629.160
920	524940.273	743584.689
921	524848.554	743362.399
922	524667.420	743004.818
923	524582.225	742823.871
924	524506.078	742638.664

4.09 POINT TABLE		
POINT NUMBER	Y	X
925	524413.484	742458.836
926	524356.194	742317.927
927	525380.513	744276.136
928	525388.586	744298.822
929	525385.796	744624.195
IP990	524863.475	743201.786
IP991	525068.121	743622.360
IP992	525177.950	743843.431

4.10 POINT TABLE		
POINT NUMBER	Y	X
910	525541.925	744963.017
911	525435.777	744964.701
1001	525542.956	744976.380
1002	525504.289	745131.828
1003	525465.418	745328.473
1004	525453.254	745451.140
1005	525427.353	745816.214
1006	525334.139	747612.400
1007	525325.007	746288.701
1008	525342.003	746288.852
1010	525343.813	745593.448
1011	525339.005	745510.981
1012	525355.894	745487.440

4.10 POINT TABLE		
POINT NUMBER	Y	X
1013	525380.568	745352.926
1014	525380.813	745311.728
1015	525420.746	745116.160
1016	525435.996	744973.437
IP1080	525423.925	746471.067
IP1081	525422.184	746764.062
IP1082	525405.185	746763.961
IP1083	525400.340	747579.294
IP1084	525338.004	746962.565
IP1085	525321.004	746962.464
IP1086	525338.517	745735.540
IP1087	525369.950	745406.229

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.01

THAT PART OF CERTIFIED SURVEY MAP 574 RECORDED IN VOLUME 3 CSM ON PAGE 80 AS DOCUMENT NO. 1295863, BEING IN AND INCLUDING THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 7425 RECORDED IN VOLUME 27191 OF CERTIFIED SURVEY MAPS ON PAGE 1 AS DOCUMENT NO. 2593760, BEING IN AND INCLUDING THAT PART OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, ALL IN SECTION 11, TOWNSHIP 8 NORTH, RANGE 6 EAST, TOWN OF MAZOMANIE, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECTS 5145-00-22, 5610-02-21, AND S0251(2), CSM 574, CSM 7425, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 78 ESTABLISHED FROM PREVIOUS PROJECTS 5145-00-22, 5610-02-21, 1640-01-21, AND S0251(2).

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR ADDITIONAL INFORMATION REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
1	ROBETTA HOLSTEINS, INC	FEE & TLE	0.415	1.767	2.182	0.232
2	HENRIETTA E. WIPPERFURTH	FEE & TLE	0.379	1.775	2.154	0.077
3	TODD L & JOYCE A RUHLUND LIVING TRUST	FEE	0.090	0.248	0.338	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

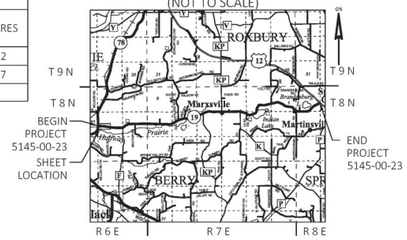
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	CENTURYLINK	RELEASE OF RIGHTS
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
203	MADISON GAS & ELECTRIC - GAS	RELEASE OF RIGHTS

(200) CENTURYLINK
NO RECORD EASEMENT - PARCEL 1

(203) MADISON GAS & ELECTRIC - GAS
NO RECORD EASEMENT - PARCEL 1

(201) ALLIANT ENERGY - ELECTRIC
DOC 473353(BLANKET) - PARCEL 2
DOC 473353(BLANKET) - PARCEL 3

PROJECT LOCATION
(NOT TO SCALE)



GN

0 100 200
SCALE, FEET

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5611889
07/13/2020 10:54 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.01
SHEET 1 OF 2
AMENDMENT NO:

4

FOUND ALUMINUM CAP MONUMENT
Y=522,891.091
X=721,161.469

N89°51'55"E, 46.45'
COR TO R/W

0.00' S
1.00' E

S89°51'55"W, 2585.59'
COR TO R/W

FOUND 1.25" O.D. IRON PIPE
Y=525,547.362
X=723,813.302

S00°25'41"W, 2650.16'
COR TO COR

N00°17'54"E, 338.90'
R/L TO COR

STH 78

STA. 0+19.91

P.L.

TOWN

SILOS

TLE EXCLUDES BUILDINGS

EXISTING DRAIN FIELD

CSM NO. 574
V.3 P.80
DOC. 1295863

1 TLE SLOPES 0.202 AC.

1 FEE 0.190 AC.

1 FEE 0.225 AC.

1 TLE SLOPES 0.030 AC.

2 FEE 0.146 AC.

2 TLE SLOPES 0.077 AC.

2 FEE 0.104 AC.

2 FEE 0.129 AC.

3 FEE 0.090 AC.

3 TLE SLOPES 0.248 AC.

HALFWAY PRAIRIE CREEK

BP: 0+00.00
Y = 522553.808
X = 721139.859

N00°17'54"E, 657.19'
R/W TO R/L

SECTION LINE

1.77' S
0.52' W

3.20' S
0.90' W

2.28' N
0.01' W

N00°17'54"E, 1648.89'
COR TO R/W

FOUND ALUMINUM CAP MONUMENT
Y=520,246.154
X=721,147.692

QUARTER LINE

SIXTEENTH LINE

RL CURVE 1
PI STA = 14+14.68
Y = 522439.486
X = 722549.910
DELTA = 6°43'04" RT
D = 1°00'51"
T = 331.61'
L = 662.45'
R = 5650.00'
PC STA = 10+83.07
PT STA = 17+45.52

PC: 10+83.07

PT: 17+45.52

RL CURVE 1

EXISTING R/W

R/L BEARING
S85°21'53"E

STH 19

NW-SW

NE-SW

ESTABLISHED PER SECTION BREAKDOWN COMPUTATION
Y=522,897.275
X=723,793.505

QTR LINE TO PC: 23+46.19
L = 328.62'
LCH = 328.54'
LCB = N 80°52'59" W
R = 4210.20'

LOT 1
CSM NO. 7425
V.27191 P.1-2
DOC. 2593760

RL CURVE 2
PI STA = 25+92.78
Y = 522207.424
X = 723705.705
DELTA = 6°42'14" LT
D = 1°21'39"
T = 246.59'
L = 492.62'
R = 4210.20'
PC STA = 23+46.19
PT STA = 28+38.81
AH = S85°21'03"E

PC: 23+46.19

PT: 28+38.81

S00°25'41"W
643.99'
COR TO R/W

S00°25'41"W
49.39'
R/W TO R/L

S00°25'41"W
44.63'
R/L TO R/W

N00°25'41"E
1912.35'
COR TO R/W

FOUND 1.75" O.D. IRON PIPE
Y=520,246.985
X=723,773.707

MAZOMANIE

CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C1	IP190-118	N 81°11'55" W	6813.68'	536.42'	536.56'

COURSE TABLE

COURSE	BEARING	DISTANCE
126-IP191	S 00°30'02" W	245.91'
IP191-IP193	S 42°41'04" E	97.34'
IP193-103	S 85°44'06" E	610.15'
103-104	N 72°42'22" E	41.55'
104-105	S 85°21'42" E	321.61'
105-106	S 82°47'22" E	252.13'
106-107	S 80°37'49" E	403.07'
107-108	S 78°38'49" E	300.00'
108-109	S 76°44'16" E	150.08'
109-110	S 79°10'52" E	298.52'
110-111	S 84°59'38" E	167.64'
111-112	S 00°25'41" W	94.02'
112-113	N 83°06'30" W	80.62'
113-114	N 79°09'50" W	302.57'
114-115	N 78°38'49" W	300.00'

COURSE TABLE

COURSE	BEARING	DISTANCE
115-116	N 74°17'52" W	75.22'
116-IP190	N 78°57'06" W	185.09'
IP190-118	SEE CURVE TABLE C1	
118-119	N 86°41'49" W	249.38'
119-120	N 88°13'38" W	100.12'
120-121	N 85°21'53" W	500.00'
121-IP194	N 81°56'39" W	165.69'
IP194-IP192	S 47°23'00" W	152.72'
IP192-123	S 01°06'49" W	159.23'
123-124	S 00°26'47" W	153.91'
124-125	S 14°01'40" W	198.27'
125-COR	N 00°17'54" E	996.09'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
IP193	1+29.87	30.53' LT
103	7+40.00	34.48' LT
104	7+78.54	50.00' LT
105	11+00.00	50.00' LT
106	13+50.00	45.00' LT
107	17+50.00	45.00' LT
108	20+50.00	45.00' LT
109	22+00.00	40.00' LT
110	25+00.00	40.00' LT
111	26+69.19	49.07' LT
112	26+79.77	44.35' RT
113	26+00.00	45.00' RT
114	23+00.00	40.00' RT
115	20+00.00	40.00' RT
116	19+25.00	34.30' RT
118	12+00.00	33.00' RT

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
119	9+50.00	40.00' RT
120	8+50.00	45.00' RT
121	3+50.00	45.00' RT
IP194	1+84.60	35.11' RT
IP190	17+39.88	35.28' RT
IP191	0+58.31	96.52' LT
IP192	0+80.94	147.26' RT
123	0+90.72	306.19' RT
124	1+01.96	459.69' RT
125	0+69.60	655.31' RT
126	0+40.58	341.79' LT

jt ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 7/9/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN
James R. Cappeart
S-3044
Green Bay
Wis.
LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 7/9/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 7/9/2020

PLOT DATE : 7/9/2020 9:33 AM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : ##########

5145-00-23 - 4.01

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.02

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 8293 RECORDED IN VOLUME 45 CSM ON PAGES 8-9 AS DOCUMENT NO. 2784444, BEING IN AND INCLUDING THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THAT PART THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 11, TOWNSHIP 8 NORTH, RANGE 6 EAST, TOWN OF MAZOMANIE, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 8293, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH F ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND SECTION LINE.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
4	DALE D & TERESA K TRAGER	FEE	0.094	0.318	0.412	---
5			---	---	---	---
6	DUANE C & DORTHY E TRAGER	FEE	0.545	1.685	2.230	---
7	THE CLEO I BROCKMANN REVOCABLE LIVING TRUST	FEE & TLE	0.820	1.900	2.720	0.123

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

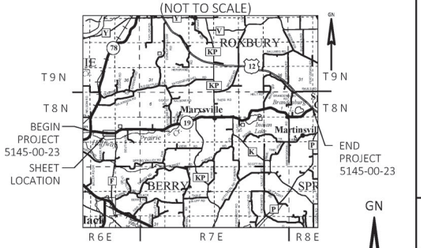
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

(201) ALLIANT ENERGY - ELECTRIC
DOC 473348 (BLANKET) - PARCEL 4
DOC 473348 (BLANKET) - PARCEL 6
NO RECORD EASEMENT - PARCEL 7

(202) TDS TELECOM - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 7

(205) AT&T - COMMUNICATIONS
V18535 P 14-17 DOC 2342695 - PARCEL 7

PROJECT LOCATION (NOT TO SCALE)



GN

0 100 200
SCALE, FEET

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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11/19/2020 08:28 AM
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Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.02
AMENDMENT NO:___

COURSE TABLE

COURSE	BEARING	DISTANCE
111-200	S 84°59'38" E	30.46'
200-201	S 80°37'32" E	148.83'
201-202	S 85°21'03" E	225.00'
202-203	S 82°16'41" E	125.18'
203-204	S 85°59'56" E	349.55'
204-205	N 88°16'15" E	424.97'
205-206	S 82°59'17" E	225.09'
206-207	S 88°50'11" E	749.74'
207-208	N 87°45'34" E	230.40'
208-209	S 02°09'56" W	22.28'
209-210	SEE CURVE TABLE C2	
210-TRAV	S 00°04'36" W	127.16'
TRAV-211	N 89°55'24" W	26.50'
211-217	N 88°50'11" W	691.53'
217-218	N 80°23'23" W	75.82'
218-IP290	N 88°46'27" W	372.05'
IP290-219	N 87°37'56" W	53.33'

COURSE TABLE

COURSE	BEARING	DISTANCE
219-220	S 78°52'03" W	51.44'
220-221	N 86°35'53" W	451.17'
221-222	N 86°16'22" W	500.81'
222-223	N 86°46'59" W	200.06'
223-112	N 83°06'30" W	222.04'
112-111	N 00°25'41" E	94.02'

CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C2	209-210	N 74°17'45" E	617.00'	142.13'	142.44'

S00°25'41"W 2650.16' COR TO COR

FOUND 1.25" O.D. IRON PIPE
Y=525,547.362
X=723,813.302

ESTABLISHED PER SECTION BREAKDOWN COMPUTATION
Y=522,897.275
X=723,793.505

N 89°51'55" E 2634.34' COR TO COR

FOUND 1.25" REBAR
Y=522,903.465
X=726,427.842

S00°25'41"W 643.99' COR TO R/W

LOT 1
CSM NO. 8293
V.45 P.8-9
DOC. 2784444

TOWN
NW-SE
OF
NE-SE

PLAT OF SURVEY
2014-00891
(07/01/2013)

PLAT OF SURVEY
2018-01225
(08/31/2018)

QUARTER LINE STA. 26+74.81 P.L.

SIXTEENTH LINE P.L.

SECTION LINE P.L. STA. 53+22.20

PC: 23+46.19

PT: 28+38.81

PT: 42+86.99

PC: 50+80.45

PC: 32+82.65

N00°25'41"E 49.39' R/L TO R/W

N00°25'41"E 44.63' R/W TO R/L

N00°25'41"E 1912.35' COR TO R/W

0.625 REBAR

1.25" O.D.

30 R/L BEARING S85°21'03"E

35 EXISTING R/W 40 45 50 R/L BEARING S88°50'11"E

33' 33'

FEE 0.009 AC.

FEE 0.210 AC.

FEE 0.326 AC.

FEE 0.558 AC.

FEE 0.021 AC.

FEE 0.241 AC.

TLE SLOPES 0.123 AC.

RL CURVE 2

RL CURVE 3

RL CURVE 4

STH 19

CTH F

MAZOMANIE

S 00°04'36" W 741.18' COR TO R/W

S 00°04'36" W 36.83' R/W TO R/L

S 00°04'36" W 90.33' R/L TO TRAV PNT

N 89°55'24" W 26.50' TRAV PNT TO R/W

N 00°04'36" E 1795.12' COR TO TRAV PNT

MAG NAIL

39.5'

26.5'

FOUND 1.75" O.D. IRON PIPE
Y=520,246.985
X=723,773.707

FOUND 1.25" O.D. IRON PIPE
Y=520,239.998
X=726,424.276

RL CURVE 2
PI STA = 25+92.78
Y = 522207.424
X = 723705.705
DELTA = 6°42'14" LT
D = 1°21'39"
T = 246.59'
L = 492.62'
R = 4210.20'
PC STA = 23+46.19
PT STA = 28+38.81
BK = S78°38'49"E

QTR LINE TO PT: 28+38.81
L = 164.00'
LCH = 163.99'
LCB = S 84°14'06" E
R = 4210.20'

RL CURVE 3
PI STA = 37+84.97
Y = 522110.748
X = 724894.537
DELTA = 3°29'07" LT
D = 0°20'49"
T = 502.32'
L = 1004.34'
R = 16510.20'
PC STA = 32+82.65
PT STA = 42+86.99

RL CURVE 4
PI STA = 52+82.32
Y = 522080.333
X = 726391.880
DELTA = 35°31'59" LT
D = 9°05'40"
T = 201.86'
L = 390.71'
R = 630.00'
PC STA = 50+80.45
PT STA = 54+71.16
AH = N55°37'51"E

SEC LINE TO PC 50+80.45
L = 241.75'
LCH = 240.27'
LCB = S 80°10'14" W
R = 630.00'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
111	26+69.19	49.07' LT
112	26+79.77	44.35' RT
200	27+00.00	50.00' LT
201	28+50.00	40.00' LT
202	30+75.00	40.00' LT
203	32+00.00	33.29' LT
204	35+50.11	35.08' LT
205	39+75.00	70.00' LT
206	42+00.00	49.77' LT
207	49+50.00	50.00' LT
208	51+90.07	55.00' LT
209	51+85.59	33.11' LT
210	53+36.10	34.26' LT
211	52+71.39	77.23' RT

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
217	46+00.00	45.00' RT
218	45+25.00	33.86' RT
219	41+00.00	33.40' RT
220	40+50.00	45.00' RT
221	36+00.00	40.00' RT
222	31+00.00	45.00' RT
223	29+00.00	50.00' RT
IP290	41+53.22	34.00' RT

JE ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
PLOT DATE : 10/27/2020 10:29 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT
APPRAISAL PLAT DATE : 10/22/2020

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.02 AMENDMENT NO. 1

AMENDS UTILITY NUMBERS 201, 202, AND 205, REMOVES PARCEL 7 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.02, RECORDED AS DOCUMENT 5663685 AND ADDS PARCELS 15 AND 91.

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 8293 RECORDED IN VOLUME 45 CSM ON PAGES 8-9 AS DOCUMENT NO. 2784444, BEING IN AND INCLUDING THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THAT PART THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 11, TOWNSHIP 8 NORTH, RANGE 6 EAST, TOWN OF MAZOMANIE, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 8293, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH F ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 15740 AND SECTION LINE.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
4	DALE D & TERESA K TRAGER	FEE	0.094	0.318	0.412	---
91	DANE COUNTY	FEE	0.558	1.008	1.566	---
6	DUANE C & DORTHY E TRAGER	FEE	0.545	1.685	2.230	---
15	TYLER ENDRES	FEE & TLE	0.262	1.000	1.262	0.123

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

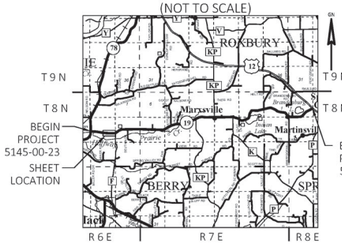
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

(201) ALLIANT ENERGY - ELECTRIC
DOC 473348 (BLANKET) - PARCEL 4
DOC 473348 (BLANKET) - PARCEL 6
NO RECORD EASEMENT - PARCEL 15

(202) TDS TELECOM - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 15

(205) AT&T - COMMUNICATIONS
V18535 P 14-17 DOC 2342695 - PARCEL 15

PROJECT LOCATION
(NOT TO SCALE)



GN

0 100 200
SCALE, FEET

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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06/16/2021 12:39 PM
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Exempt #:
Rec. Fee: 25.00
Pages:

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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.02
AMENDMENT NO: 1

COURSE TABLE

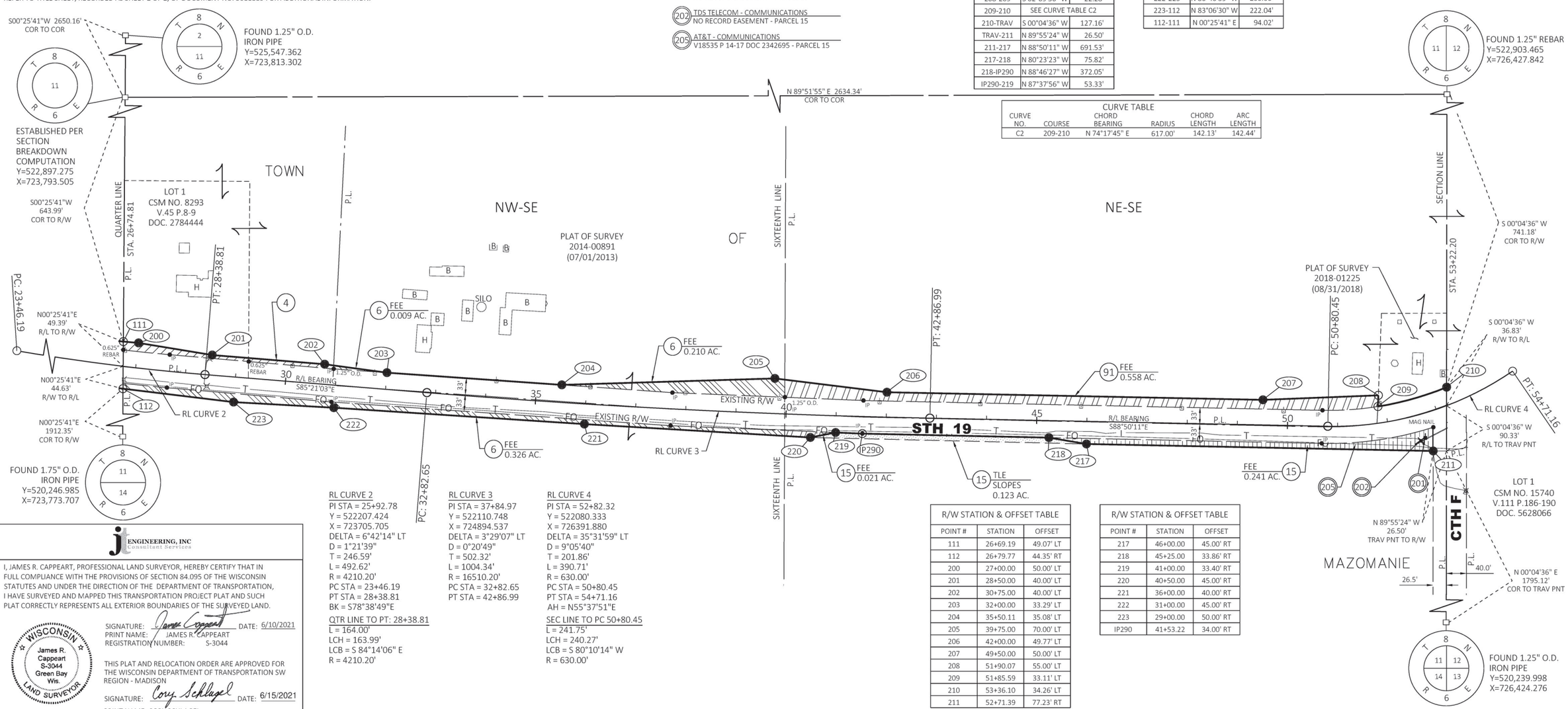
COURSE	BEARING	DISTANCE
111-200	S 84°59'38" E	30.46'
200-201	S 80°37'32" E	148.83'
201-202	S 85°21'03" E	225.00'
202-203	S 82°16'41" E	125.18'
203-204	S 85°59'56" E	349.55'
204-205	N 88°16'15" E	424.97'
205-206	S 82°59'17" E	225.09'
206-207	S 88°50'11" E	749.74'
207-208	N 87°45'34" E	230.40'
208-209	S 02°09'56" W	22.28'
209-210	SEE CURVE TABLE C2	
210-TRAV	S 00°04'36" W	127.16'
TRAV-211	N 89°55'24" W	26.50'
211-217	N 88°50'11" W	691.53'
217-218	N 80°23'23" W	75.82'
218-IP290	N 88°46'27" W	372.05'
IP290-219	N 87°37'56" W	53.33'

COURSE TABLE

COURSE	BEARING	DISTANCE
219-220	S 78°52'03" W	51.44'
220-221	N 86°35'53" W	451.17'
221-222	N 86°16'22" W	500.81'
222-223	N 86°46'59" W	200.06'
223-112	N 83°06'30" W	222.04'
112-111	N 00°25'41" E	94.02'

CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C2	209-210	N 74°17'45" E	617.00'	142.13'	142.44'



RL CURVE 2
PI STA = 25+92.78
Y = 522207.424
X = 723705.705
DELTA = 6°42'14" LT
D = 1°21'39"
T = 246.59'
L = 492.62'
R = 4210.20'
PC STA = 23+46.19
PT STA = 28+38.81
BK = S78°38'49"E

QTR LINE TO PT: 28+38.81
L = 164.00'
LCH = 163.99'
LCB = S 84°14'06" E
R = 4210.20'

RL CURVE 3
PI STA = 37+84.97
Y = 522110.748
X = 724894.537
DELTA = 3°29'07" LT
D = 0°20'49"
T = 502.32'
L = 1004.34'
R = 16510.20'
PC STA = 32+82.65
PT STA = 42+86.99

RL CURVE 4
PI STA = 52+82.32
Y = 522080.333
X = 726391.880
DELTA = 35°31'59" LT
D = 9°05'40"
T = 201.86'
L = 390.71'
R = 630.00'
PC STA = 50+80.45
PT STA = 54+71.16
AH = N55°37'51"E

SEC LINE TO PC 50+80.45
L = 241.75'
LCH = 240.27'
LCB = S 80°10'14" W
R = 630.00'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
111	26+69.19	49.07' LT
112	26+79.77	44.35' RT
200	27+00.00	50.00' LT
201	28+50.00	40.00' LT
202	30+75.00	40.00' LT
203	32+00.00	33.29' LT
204	35+50.11	35.08' LT
205	39+75.00	70.00' LT
206	42+00.00	49.77' LT
207	49+50.00	50.00' LT
208	51+90.07	55.00' LT
209	51+85.59	33.11' LT
210	53+36.10	34.26' LT
211	52+71.39	77.23' RT

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
217	46+00.00	45.00' RT
218	45+25.00	33.86' RT
219	41+00.00	33.40' RT
220	40+50.00	45.00' RT
221	36+00.00	40.00' RT
222	31+00.00	45.00' RT
223	29+00.00	50.00' RT
IP290	41+53.22	34.00' RT

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 6/10/2021
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 6/15/2021
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.03

THAT PART OF LOT 1 AND 2 OF CERTIFIED SURVEY MAP 3384 RECORDED IN VOLUME 13 CSM ON PAGES 185-186 AS DOCUMENT 1652327, BEING IN AND INCLUDING A PART OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 AND THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 AND THAT PART OF LOT 1, 2, AND 3 OF CERTIFIED SURVEY MAP 9624 RECORDED IN VOLUME 55 CSM ON PAGES 171-172 AS DOCUMENT 3197869 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 10243 RECORDED IN VOLUME 60 ON PAGES 93-94 AS DOCUMENT 3405581, BOTH BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4, AND THAT PART OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, ALL IN SECTION 12, TOWNSHIP 8 NORTH, RANGE 6 EAST, TOWN OF MAZOMANIE, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 3384, POS 93-0283, CSM 9624, CSM 10243, POS 2008-00823, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH F ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND SECTION LINE.

EXISTING HIGHWAY RIGHT-OF-WAY FOR BEUTHIN RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND QUARTER LINE.

EXISTING ACCESS CONTROL ESTABLISHED FROM CSM 3384, CSM 9624, AND CSM 10243.

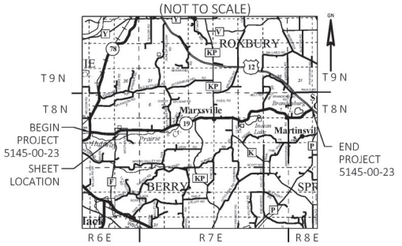
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
7	CLEO I BROCKMAN	FEE & TLE	0.827	1.822	2.649	0.598
9	CHARLES W & JEANETTE K STAMPFIL	FEE	0.113	0.115	0.228	---
10			---	---	---	---
11	DAVID GEORGE MUELLER & ELKE PATRICIA STAFFORD	FEE	0.424	0.392	0.816	---
12	RICHARD J & CAROL J KERSTEN	FEE	0.275	0.175	0.450	---
13	RODNEY HANKINS	FEE	0.424	0.362	0.786	---
14	JEFFERY S KARLS & DANA L KARLS	FEE	0.035	0.038	0.073	---
15			---	---	---	---
16	TIMOTHY A SANDERS	FEE	0.035	0.039	0.074	---
17	DANA L SCHMITZ	FEE	0.035	0.040	0.075	---
18	FRANK R & DONNA J HOLZMAN	FEE & TLE	0.360	1.336	1.696	0.009

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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11/19/2020 08:35 AM
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Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.03
AMENDMENT NO:___

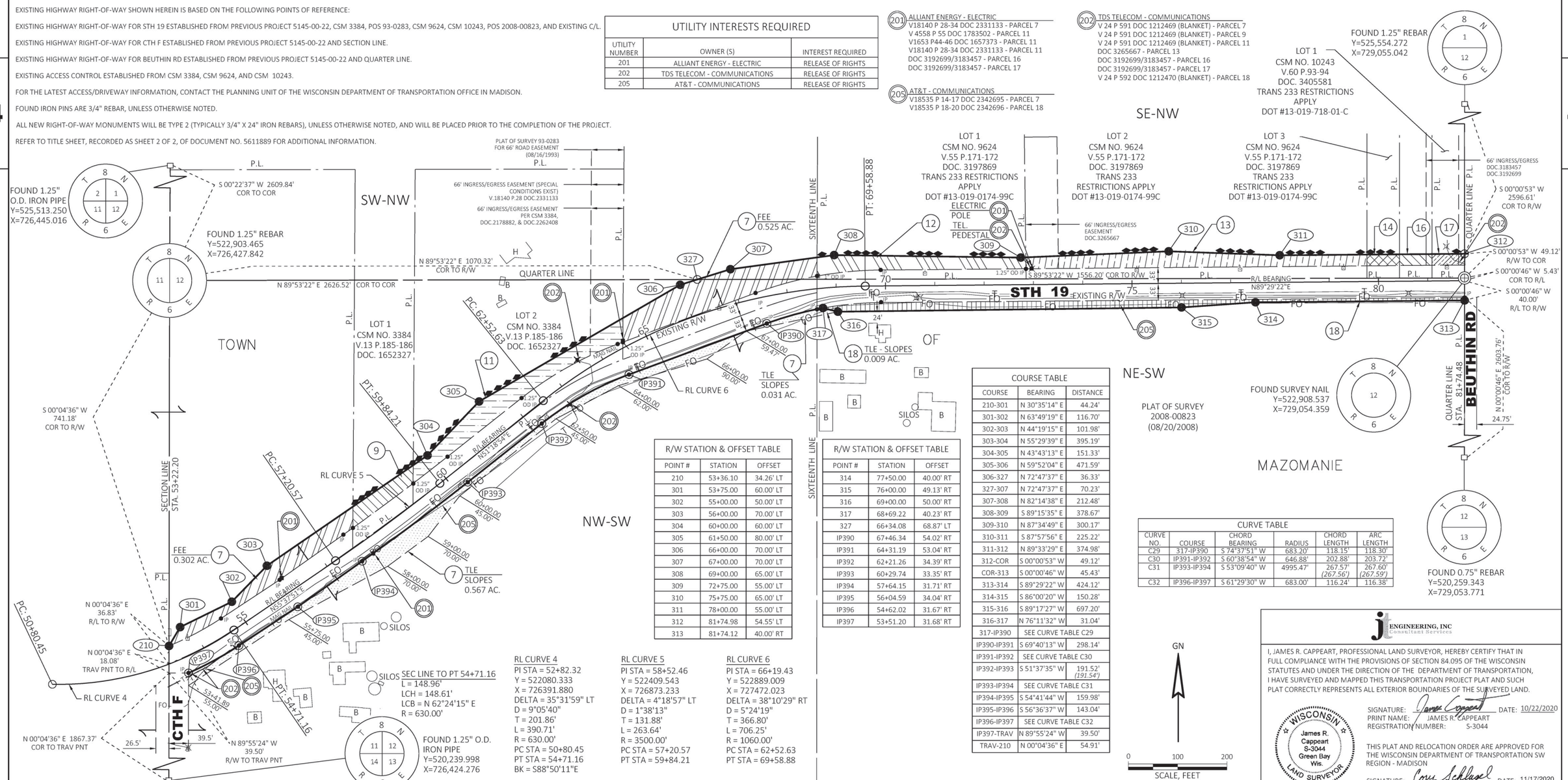
UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

201 ALLIANT ENERGY - ELECTRIC
V18140 P 28-34 DOC 2331133 - PARCEL 7
V 4558 P 55 DOC 1783502 - PARCEL 11
V1653 P44-46 DOC 1657373 - PARCEL 11
V18140 P 28-34 DOC 2331133 - PARCEL 11
DOC 3192699/3183457 - PARCEL 16
DOC 3192699/3183457 - PARCEL 17

202 TDS TELECOM - COMMUNICATIONS
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 7
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 9
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 11
DOC 3265667 - PARCEL 13
DOC 3192699/3183457 - PARCEL 16
DOC 3192699/3183457 - PARCEL 17
V 24 P 592 DOC 1212470 (BLANKET) - PARCEL 18

205 AT&T - COMMUNICATIONS
V18535 P 14-17 DOC 2342695 - PARCEL 7
V18535 P 18-20 DOC 2342696 - PARCEL 18



R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
210	53+36.10	34.26' LT
301	53+75.00	60.00' LT
302	55+00.00	50.00' LT
303	56+00.00	70.00' LT
304	60+00.00	60.00' LT
305	61+50.00	80.00' LT
306	66+00.00	70.00' LT
307	67+00.00	70.00' LT
308	69+00.00	65.00' LT
309	72+75.00	55.00' LT
310	75+75.00	65.00' LT
311	78+00.00	55.00' LT
312	81+74.98	54.55' LT
313	81+74.12	40.00' RT

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
314	77+50.00	40.00' RT
315	76+00.00	49.13' RT
316	69+00.00	50.00' RT
317	68+69.22	40.23' RT
327	66+34.08	68.87' LT
IP390	67+46.34	54.02' RT
IP391	64+31.19	53.04' RT
IP392	62+21.26	34.39' RT
IP393	60+29.74	33.35' RT
IP394	57+64.15	31.71' RT
IP395	56+04.59	34.04' RT
IP396	54+62.02	31.67' RT
IP397	53+51.20	31.68' RT

RL CURVE 4
PI STA = 52+82.32
Y = 522080.333
X = 726391.880
DELTA = 35°31'59" LT
D = 9°05'40"
T = 201.86'
L = 390.71'
R = 630.00'
PC STA = 50+80.45
PT STA = 54+71.16
BK = S88°50'11"E

RL CURVE 5
PI STA = 58+52.46
Y = 522409.543
X = 726873.233
DELTA = 4°18'57" LT
D = 1°38'13"
T = 131.88'
L = 263.64'
R = 3500.00'
PC STA = 57+20.57
PT STA = 59+84.21

RL CURVE 6
PI STA = 66+19.43
Y = 522889.009
X = 727472.023
DELTA = 38°10'29" RT
D = 5°24'19"
T = 366.80'
L = 706.25'
R = 1060.00'
PC STA = 62+52.63
PT STA = 69+58.88

COURSE TABLE

COURSE	BEARING	DISTANCE
210-301	N 30°35'14" E	44.24'
301-302	N 63°49'19" E	116.70'
302-303	N 44°19'15" E	101.98'
303-304	N 55°29'39" E	395.19'
304-305	N 43°43'13" E	151.33'
305-306	N 59°52'04" E	471.59'
306-327	N 72°47'37" E	36.33'
327-307	N 72°47'37" E	70.23'
307-308	N 82°14'38" E	212.48'
308-309	S 89°15'35" E	378.67'
309-310	N 87°34'49" E	300.17'
310-311	S 87°57'56" E	225.22'
311-312	N 89°33'29" E	374.98'
312-COR	S 00°00'53" W	49.12'
COR-313	S 00°00'46" W	45.43'
313-314	S 89°29'22" W	424.12'
314-315	S 86°00'20" W	150.28'
315-316	S 89°17'27" W	697.20'
316-317	N 76°11'32" W	31.04'
317-IP390	SEE CURVE TABLE C29	
IP390-IP391	S 69°40'13" W	298.14'
IP391-IP392	SEE CURVE TABLE C30	
IP392-IP393	S 51°37'35" W	191.52' (191.54')
IP393-IP394	SEE CURVE TABLE C31	
IP394-IP395	S 54°41'44" W	159.98'
IP395-IP396	S 56°36'37" W	143.04'
IP396-IP397	SEE CURVE TABLE C32	
IP397-TRAV	N 89°55'24" W	39.50'
TRAV-210	N 00°04'36" E	54.91'

CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C29	317-IP390	S 74°37'51" W	683.20'	118.15'	118.30'
C30	IP391-IP392	S 60°38'54" W	646.88'	202.88'	203.72'
C31	IP393-IP394	S 53°09'40" W	4995.47'	267.57' (267.56')	267.60' (267.59')
C32	IP396-IP397	S 61°29'30" W	683.00'	116.24'	116.38'

GN

0 100 200
SCALE, FEET

JL ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.03 AMENDMENT NO. 1

AMENDS PARCEL 7 AND UTILITY NUMBERS 201, 202, AND 205 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.03, RECORDED AS DOCUMENT 5663690 AND ADDS PARCELS 15 AND 91.

THAT PART OF LOT 1 AND 2 OF CERTIFIED SURVEY MAP 3384 RECORDED IN VOLUME 13 CSM ON PAGES 185-186 AS DOCUMENT 1652327 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 15740 RECORDED IN VOLUME 111 CSM ON PAGES 186-190 AS DOCUMENT 5628066, BOTH BEING IN AND INCLUDING A PART OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4 AND THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4 AND THAT PART OF LOT 1, 2, AND 3 OF CERTIFIED SURVEY MAP 9624 RECORDED IN VOLUME 55 CSM ON PAGES 171-172 AS DOCUMENT 3197869 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 10243 RECORDED IN VOLUME 60 ON PAGES 93-94 AS DOCUMENT 3405581, BOTH BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4, AND THAT PART OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, ALL IN SECTION 12, TOWNSHIP 8 NORTH, RANGE 6 EAST, TOWN OF MAZOMANIE, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 3384, POS 93-0283, CSM 9624, CSM 10243, POS 2008-00823, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH F ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 15470, AND SECTION LINE.

EXISTING HIGHWAY RIGHT-OF-WAY FOR BEUTHIN RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND QUARTER LINE.

EXISTING ACCESS CONTROL ESTABLISHED FROM CSM 3384, CSM 9624, AND CSM 10243.

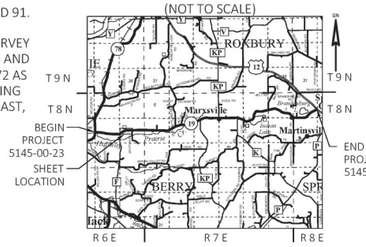
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
91	DANE COUNTY	FEE	0.302	0.335	0.637	---
9	CHARLES W & JEANETTE K STAMPFIL	FEE	0.113	0.115	0.228	---
7	ERIC SLAVENS & ASHLEY K LOOMANS	TLE	---	---	---	0.351
11	DAVID GEORGE MUELLER & ELKE PATRICIA MUELLER	FEE	0.424	0.392	0.816	---
12	RICHARD J & CAROL J KERSTEN	FEE	0.275	0.175	0.450	---
13	RODNEY HANKINS	FEE	0.424	0.362	0.786	---
14	JEFFERY S KARLS & DANA L KARLS	FEE	0.035	0.038	0.073	---
15	TYLER ENDRES	FEE & TLE	0.525	0.316	0.841	0.247
16	TIMOTHY A SANDERS	FEE	0.035	0.039	0.074	---
17	DANA L SCHMITZ	FEE	0.035	0.040	0.075	---
18	FRANK R & DONNA J HOLZMAN	FEE & TLE	0.360	1.336	1.696	0.009

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.03
AMENDMENT NO: 1

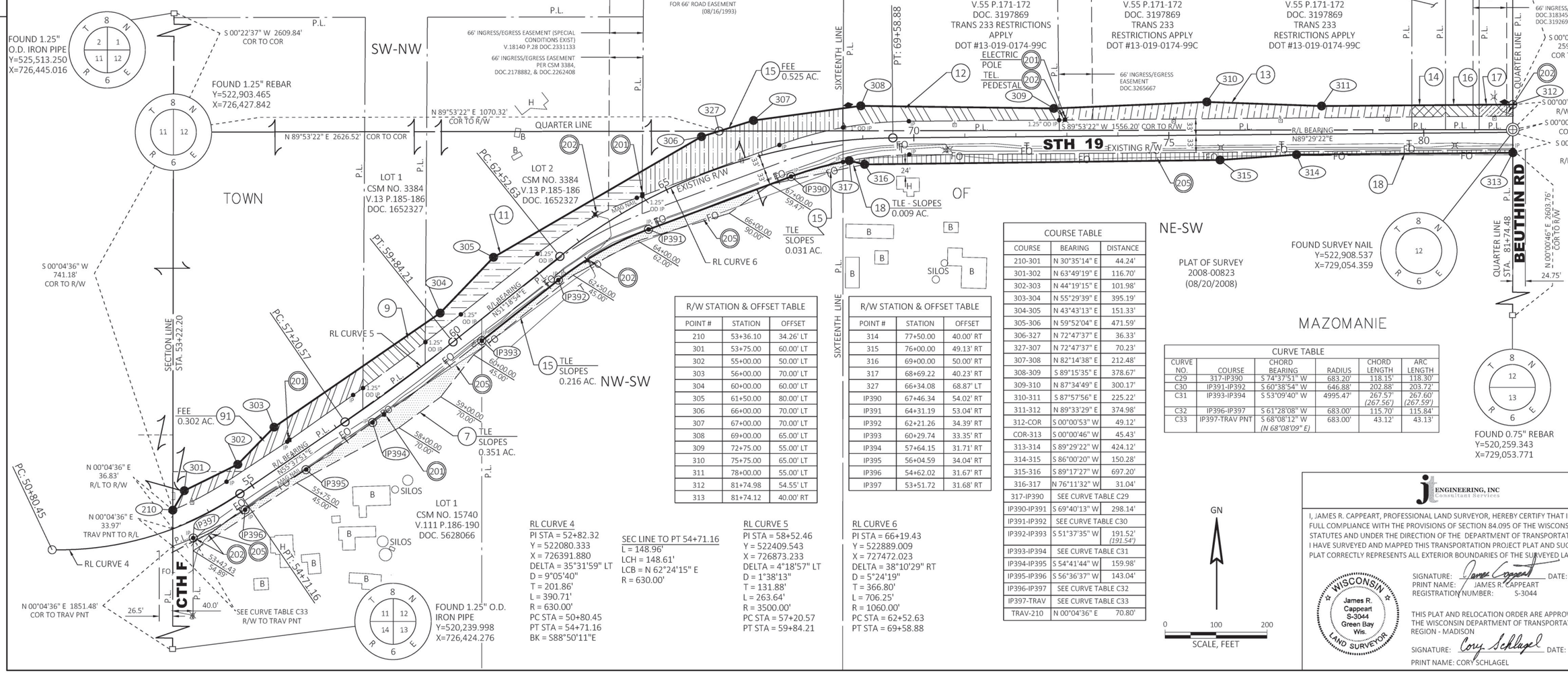
UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

201 ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 7
V18140 P 28-34 DOC 2331133 - PARCEL 15
V 4558 P 55 DOC 1783502 - PARCEL 11
V1653 P44-46 DOC 1657373 - PARCEL 11
V18140 P 28-34 DOC 2331133 - PARCEL 11
DOC 3192699/3183457 - PARCEL 16
DOC 3192699/3183457 - PARCEL 17
NO RECORD EASEMENT - PARCEL 91

205 AT&T - COMMUNICATIONS
V18535 P 14-17 DOC 2342695 - PARCEL 7
V18535 P 14-17 DOC 2342695 - PARCEL 15
V18535 P 18-20 DOC 2342696 - PARCEL 18

202 TDS TELECOM - COMMUNICATIONS
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 7
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 9
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 11
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 15
V 24 P 591 DOC 1212469 (BLANKET) - PARCEL 91
DOC 3265667 - PARCEL 13
DOC 3192699/3183457 - PARCEL 16
DOC 3192699/3183457 - PARCEL 17
V 24 P 592 DOC 1212470 (BLANKET) - PARCEL 18



R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
210	53+36.10	34.26' LT
301	53+75.00	60.00' LT
302	55+00.00	50.00' LT
303	56+00.00	70.00' LT
304	60+00.00	60.00' LT
305	61+50.00	80.00' LT
306	66+00.00	70.00' LT
307	67+00.00	70.00' LT
308	69+00.00	65.00' LT
309	72+75.00	55.00' LT
310	75+75.00	65.00' LT
311	78+00.00	55.00' LT
312	81+74.98	54.55' LT
313	81+74.12	40.00' RT

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
314	77+50.00	40.00' RT
315	76+00.00	49.13' RT
316	69+00.00	50.00' RT
317	68+69.22	40.23' RT
327	66+34.08	68.87' LT
IP390	67+46.34	54.02' RT
IP391	64+31.19	53.04' RT
IP392	62+21.26	34.39' RT
IP393	60+29.74	33.35' RT
IP394	57+64.15	31.71' RT
IP395	56+04.59	34.04' RT
IP396	54+62.02	31.67' RT
IP397	53+51.72	31.68' RT

COURSE TABLE

COURSE	BEARING	DISTANCE
210-301	N 30°35'14" E	44.24'
301-302	N 63°49'19" E	116.70'
302-303	N 44°19'15" E	101.98'
303-304	N 55°29'39" E	395.19'
304-305	N 43°43'13" E	151.33'
305-306	N 59°52'04" E	471.59'
306-327	N 72°47'37" E	36.33'
327-307	N 72°47'37" E	70.23'
307-308	N 82°14'38" E	212.48'
308-309	S 89°15'35" E	378.67'
309-310	N 87°34'49" E	300.17'
310-311	S 87°57'56" E	225.22'
311-312	N 89°33'29" E	374.98'
312-COR	S 00°00'53" W	49.12'
COR-313	S 00°00'46" W	45.43'
313-314	S 89°29'22" W	424.12'
314-315	S 86°00'20" W	150.28'
315-316	S 89°17'27" W	697.20'
316-317	N 76°11'32" W	31.04'
317-IP390	SEE CURVE TABLE C29	
IP390-IP391	S 69°40'13" W	298.14'
IP391-IP392	SEE CURVE TABLE C30	
IP392-IP393	S 51°37'35" W	191.52' (191.54')
IP393-IP394	SEE CURVE TABLE C31	
IP394-IP395	S 54°41'44" W	159.98'
IP395-IP396	S 56°36'37" W	143.04'
IP396-IP397	SEE CURVE TABLE C32	
IP397-TRAV	SEE CURVE TABLE C33	
TRAV-210	N 00°04'36" E	70.80'

CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C29	317-IP390	S 74°37'51" W	683.20'	118.15'	118.30'
C30	IP391-IP392	S 60°38'54" W	646.88'	202.88'	203.72'
C31	IP393-IP394	S 53°09'40" W	4995.47'	267.57' (267.56')	267.60' (267.59')
C32	IP396-IP397	S 61°28'08" W	683.00'	115.70'	115.84'
C33	IP397-TRAV PNT	S 68°08'12" W (N 68°08'09" E)	683.00'	43.12'	43.13'

RL CURVE 4
PI STA = 52+82.32
Y = 522080.333
X = 726391.880
DELTA = 35°31'59" LT
D = 9°05'40"
T = 201.86'
L = 390.71'
R = 630.00'
PC STA = 50+80.45
PT STA = 54+71.16
BK = S88°50'11"E

SEC LINE TO PT 54+71.16
L = 148.96'
LCH = 148.61'
LCB = N 62°24'15" E
R = 630.00'

RL CURVE 5
PI STA = 58+52.46
Y = 522409.543
X = 726873.233
DELTA = 4°18'57" LT
D = 1°38'13"
T = 131.88'
L = 263.64'
R = 3500.00'
PC STA = 57+20.57
PT STA = 59+84.21

RL CURVE 6
PI STA = 66+19.43
Y = 522889.009
X = 727472.023
DELTA = 38°10'29" RT
D = 5°24'19"
T = 366.80'
L = 706.25'
R = 1060.00'
PC STA = 62+52.63
PT STA = 69+58.88

JEN ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 6/10/2021
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 6/15/2021
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.04

THAT PART OF LOT 1 CERTIFIED SURVEY MAP 2380 RECORDED IN VOLUME 9 CSM ON PAGES 262-263 AS DOCUMENT 1516967, BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4, AND THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4, THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4, AND THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 12, TOWNSHIP 8 NORTH, RANGE 6 EAST, TOWN OF MAZOMANIE, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 2380, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR BEUTHIN RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND QUARTER LINE.

EXISTING ACCESS CONTROL FOR STH 19 FROM CSM 2380.

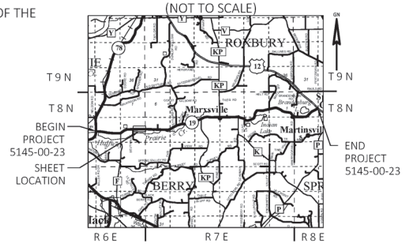
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED						
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
19	SKB LLC	FEE & TLE	0.605	1.854	2.459	0.096
20			---	---	---	---
21	TODD R & KRISTI M BEUTHIN	FEE	0.075	0.260	0.335	---
22	DAWN M & SCOTT A EVERT	FEE	0.644	1.884	2.528	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

(202) TDS TELECOM - COMMUNICATIONS
V 24 P 594 DOC 1212472(BLANKET) - PARCEL 19
V 24 P 594 DOC 1212472(BLANKET) - PARCEL 21
V 24 P 593 DOC 1212471(BLANKET) - PARCEL 22

(205) AT&T - COMMUNICATIONS
V22045 P 64 DOC 2448244 - PARCEL 22

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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11/19/2020 08:40 AM
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Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.04
AMENDMENT NO:___

4

FOUND 1.25" REBAR
Y=525,554.272
X=729,055.042

FOUND SURVEY NAIL
Y=522,908.537
X=729,054.359

FOUND ALUMINUM CAP MONUMENT
Y=525,559.094
X=731,691.269

FOUND ALUMINUM CAP MONUMENT
Y=522,913.319
X=731,693.560

FOUND 0.75" REBAR
Y=520,259.343
X=729,053.771

FOUND 0.75" REBAR
Y=520,263.826
X=731,690.085

TOWN

SW-NE

NW-SE

NE-SE

SE-NE

MAZOMANIE

OF

CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C3	IP490-406	N 89°56'34" E	10883.00'	170.83'	170.83'

COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-312	N 00°00'53" E	49.12'
312-401	N 89°33'29" E	625.26'
401-402	S 84°32'47" E	100.48'
402-403	N 89°44'32" E	1100.02'
403-404	S 87°54'23" E	150.13'
404-IP490	N 89°29'35" E	154.21'
IP490-406	SEE CURVE TABLE C3	
406-407	N 84°49'18" E	125.77'
407-408	S 88°02'00" E	213.69'
408-COR	S 00°02'59" E	44.64'
COR-409	S 00°04'31" W	45.67'
409-410	N 89°17'28" W	213.79'
410-411	N 89°14'43" W	299.74'
411-412	S 89°42'09" W	2100.95'
412-313	S 89°29'22" W	24.75'
313-COR	N 00°00'46" E	45.43'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
312	81+74.98	54.55' LT
313	81+74.12	40.00' RT
401	88+00.00	55.00' LT
402	88+99.98	45.00' LT
403	100+00.00	45.00' LT
404	101+50.00	38.84' LT
IP490	103+04.21	39.51' LT
406	104+75.00	38.91' LT
407	106+00.00	50.00' LT
408	108+12.82	45.00' LT
409	108+14.56	45.29' RT
410	106+00.00	45.00' RT
411	103+00.00	40.00' RT
412	81+98.87	40.00' RT

RL CURVE 7
PI STA = 85+29.11
Y = 522906.266
X = 729408.967
DELTA = 0°15'09" RT
D = 0°17'11"
T = 44.08'
L = 88.16'
R = 20000.00'
PC STA = 84+85.03
PT STA = 85+73.19

RL CURVE 8
PI STA = 108+01.85
Y = 522916.496
X = 731681.692
DELTA = 2°38'32" RT
D = 0°27'30"
T = 288.26'
L = 576.42'
R = 12500.00'
PC STA = 105+13.59
PT STA = 110+90.01
AH = S87°36'57"E

SEC LINE TO PC 105+13.59
L = 300.14'
LCH = 300.13'
LCB = N 89°34'12" W
R = 12500.00'

GN
0 100 200
SCALE, FEET

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.05

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 11729 RECORDED IN VOLUME 72 CSM ON PAGES 1-2 AS DOCUMENT NO. 4181902, BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4, AND THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4, THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4, AND THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 7, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 14146, CSM 11729, POS 5950, CSM 13766, POS 7146, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR NIENDORF DR ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 5494.

EXISTING HIGHWAY RIGHT-OF-WAY FOR BROCKMANN VALLEY RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 11729.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 12947 AND CSM 13766.

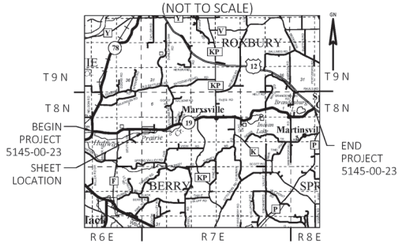
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			
			NEW	EXISTING	TOTAL	TLE ACRES
25	MARILYN J PAULS	FEE & TLE	0.449	1.088	1.537	0.014
26	TODD R BEUTHIN	FEE & TLE	0.220	0.999	1.219	0.013
27	DUAINE A NIENDORF	FEE & TLE	0.198	1.929	2.127	0.171

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

201 ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 25

202 TDS TELECOM - COMMUNICATIONS
V 24 P 597 DOC 1212475 (BLANKET)- PARCEL 25
V 24 P 598 DOC 1212476 (BLANKET)- PARCEL 25
V 24 P 596 DOC 1212474 (BLANKET)- PARCEL 27

205 AT&T - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 26
V18535 P 30-32 DOC 2342700 - PARCEL 27

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5663698
11/19/2020 08:42 AM
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Exempt #:
Rec. Fee: 25.00
Pages:
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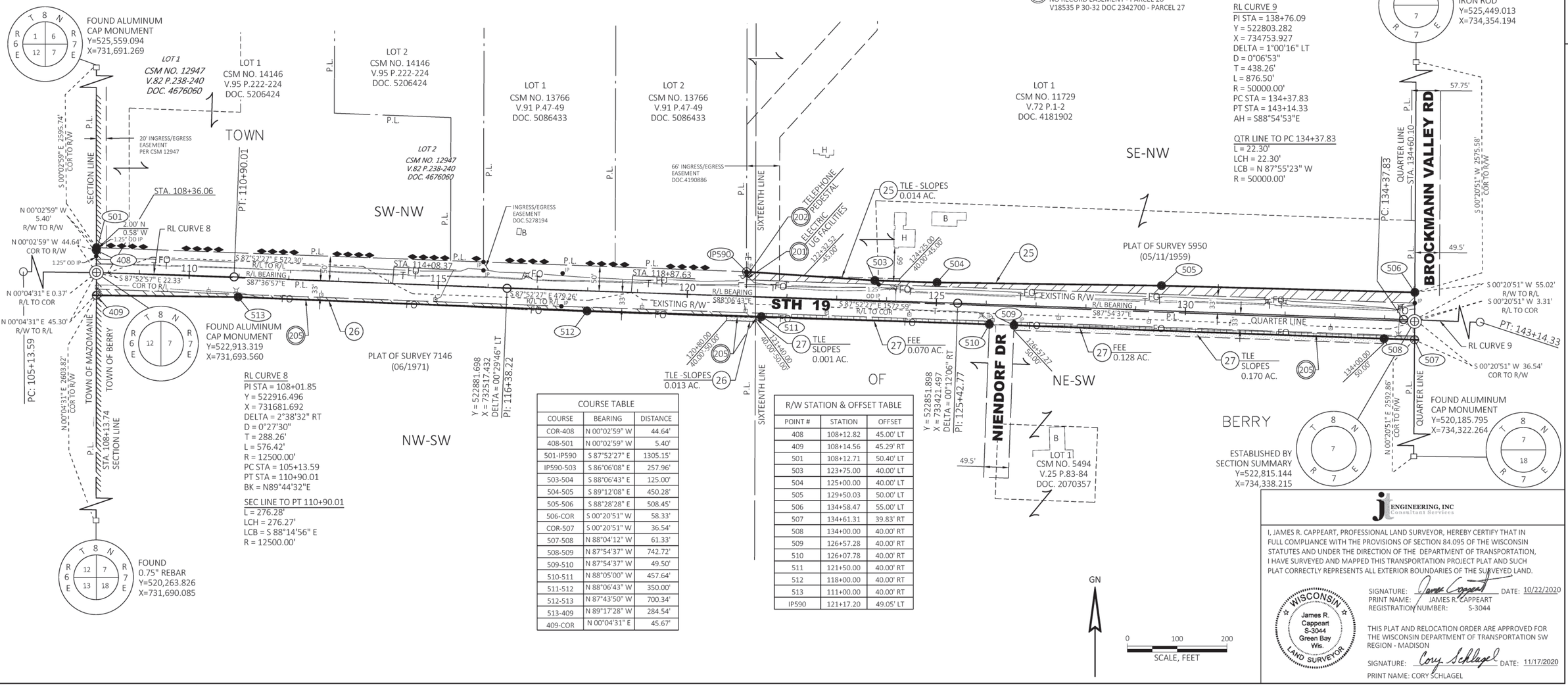
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.05
AMENDMENT NO:___



COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-408	N 00°02'59" W	44.64'
408-501	N 00°02'59" W	5.40'
501-IP590	S 87°52'27" E	1305.15'
IP590-503	S 86°06'08" E	257.96'
503-504	S 88°06'43" E	125.00'
504-505	S 89°12'08" E	450.28'
505-506	S 88°28'28" E	508.45'
506-COR	S 00°20'51" W	58.33'
COR-507	S 00°20'51" W	36.54'
507-508	N 88°04'12" W	61.33'
508-509	N 87°54'37" W	742.72'
509-510	N 87°54'37" W	49.50'
510-511	N 88°05'00" W	457.64'
511-512	N 88°06'43" W	350.00'
512-513	N 87°43'50" W	700.34'
513-409	N 89°17'28" W	284.54'
409-COR	N 00°04'31" E	45.67'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
408	108+12.82	45.00' LT
409	108+14.56	45.29' RT
501	108+12.71	50.40' LT
503	123+75.00	40.00' LT
504	125+00.00	40.00' LT
505	129+50.03	50.00' LT
506	134+58.47	55.00' LT
507	134+61.31	39.83' RT
508	134+00.00	40.00' RT
509	126+57.28	40.00' RT
510	126+07.78	40.00' RT
511	121+50.00	40.00' RT
512	118+00.00	40.00' RT
513	111+00.00	40.00' RT
IP590	121+17.20	49.05' LT

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/21/2020 2:43 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.05 AMENDMENT NO. 1

AMENDS UTILITY NUMBER 205 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.05, RECORDED AS DOCUMENT 5663698.

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 11729 RECORDED IN VOLUME 72 CSM ON PAGES 1-2 AS DOCUMENT NO. 4181902, BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4, AND THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4, THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4, AND THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 7, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 14146, CSM 11729, POS 5950, CSM 13766, POS 7146, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR NIENDORF DR ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 5494.

EXISTING HIGHWAY RIGHT-OF-WAY FOR BROCKMANN VALLEY RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 11729.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 12947 AND CSM 13766.

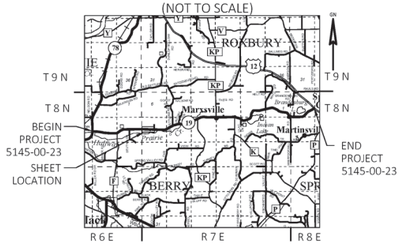
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			
			NEW	EXISTING	TOTAL	TLE ACRES
25	MARILYN J PAULS	FEE & TLE	0.449	1.088	1.537	0.014
26	TODD R BEUTHIN	FEE & TLE	0.220	0.999	1.219	0.013
27	DUAINE A NIENDORF	FEE & TLE	0.198	1.929	2.127	0.171

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

201 ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 25

202 TDS TELECOM - COMMUNICATIONS
V 24 P 597 DOC 1212475 (BLANKET)- PARCEL 25
V 24 P 598 DOC 1212476 (BLANKET)- PARCEL 25
V 24 P 596 DOC 1212474 (BLANKET)- PARCEL 27

205 AT&T - COMMUNICATIONS
V18535 P 30-32 DOC 2342700 - PARCEL 27

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5884081
01/30/2023 08:34 AM
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Exempt #:
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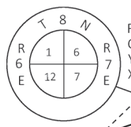
AMENDMENT NO: 1



FOUND ALUMINUM
CAP MONUMENT
Y=525,559.094
X=731,691.269

LOT 1
CSM NO. 12947
V.82 P.238-240
DOC. 4676060

LOT 1
CSM NO. 14146
V.95 P.222-224
DOC. 5206424

LOT 2
CSM NO. 14146
V.95 P.222-224
DOC. 5206424

LOT 1
CSM NO. 13766
V.91 P.47-49
DOC. 5086433

LOT 2
CSM NO. 13766
V.91 P.47-49
DOC. 5086433

LOT 1
CSM NO. 11729
V.72 P.1-2
DOC. 4181902

TOWN

SW-NW

SE-NW

NW-SW

NE-SW

BERRY

OF

S 00°02'59" E 2595.74' COR TO R/W

P.L.

SECTION LINE

20' INGRESS/EGRESS EASEMENT PER CSM 12947

66' INGRESS/EGRESS EASEMENT DOC.4190886

INGRESS/EGRESS EASEMENT DOC.5278194

STA. 108+36.06

PT: 110+90.01

N 00°02'59" W 5.40' R/W TO R/W

N 00°02'59" W 44.64' COR TO R/W

1.25" OD IP

2.00' N
0.58' W
1.25" OD IP

RL CURVE 8

501

408

409

513

512

511

510

509

508

507

506

505

504

503

IP590

S 87°52'27" E 572.30' R/L TO R/L

S 87°52'57" E 22.33' COR TO R/L

R/L BEARING S87°36'57"E

S 87°52'27" E 479.26' R/L TO R/L

R/L BEARING S88°06'43"E

S 87°52'27" E 1572.59' R/L TO COR

R/L BEARING S87°54'37"E

STA. 114+08.37

STA. 118+87.63

"EXISTING R/W"

STH 19

FO

TO

110

115

120

125

130

33'

50'

N 00°04'31" E 0.37' R/L TO COR

N 00°04'31" E 45.30' R/W TO R/L

PC: 105+13.59

N 00°04'31" E 2693.82' COR TO R/W

TOWN OF MAZOMANIE

TOWN OF BERRY

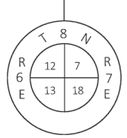
STA. 108+13.74 SECTION LINE

FOUND ALUMINUM CAP MONUMENT
Y=522,913.319
X=731,693.560

PLAT OF SURVEY 7146
(06/1971)

RL CURVE 8
PI STA = 108+01.85
Y = 522916.496
X = 731681.692
DELTA = 2°38'32" RT
D = 0°27'30"
T = 288.26'
L = 576.42'
R = 12500.00'
PC STA = 105+13.59
PT STA = 110+90.01
BK = N89°44'32"E

SEC LINE TO PT 110+90.01
L = 276.28'
LCH = 276.27'
LCB = S 88°14'56" E
R = 12500.00'



FOUND
0.75" REBAR
Y=520,263.826
X=731,690.085

Y = 522881.698
X = 732517.432
DELTA = 00°29'46" LT
PI: 116+38.22

COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-408	N 00°02'59" W	44.64'
408-501	N 00°02'59" W	5.40'
501-IP590	S 87°52'27" E	1305.15'
IP590-503	S 86°06'08" E	257.96'
503-504	S 88°06'43" E	125.00'
504-505	S 89°12'08" E	450.28'
505-506	S 88°28'28" E	508.45'
506-COR	S 00°20'51" W	58.33'
COR-507	S 00°20'51" W	36.54'
507-508	N 88°04'12" W	61.33'
508-509	N 87°54'37" W	742.72'
509-510	N 87°54'37" W	49.50'
510-511	N 88°05'00" W	457.64'
511-512	N 88°06'43" W	350.00'
512-513	N 87°43'50" W	700.34'
513-409	N 89°17'28" W	284.54'
409-COR	N 00°04'31" E	45.67'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
408	108+12.82	45.00' LT
409	108+14.56	45.29' RT
501	108+12.71	50.40' LT
503	123+75.00	40.00' LT
504	125+00.00	40.00' LT
505	129+50.03	50.00' LT
506	134+58.47	55.00' LT
507	134+61.31	39.83' RT
508	134+00.00	40.00' RT
509	126+57.28	40.00' RT
510	126+07.78	40.00' RT
511	121+50.00	40.00' RT
512	118+00.00	40.00' RT
513	111+00.00	40.00' RT
IP590	121+17.20	49.05' LT

TELEPHONE PEDESTAL
ELECTRIC UG FACILITIES

25 TLE - SLOPES 0.014 AC.

27 FEE 0.070 AC.

27 TLE SLOPES 0.001 AC.

TLE -SLOPES 0.013 AC.

27 FEE 0.128 AC.

27 TLE SLOPES 0.170 AC.

PLAT OF SURVEY 5950
(05/11/1959)

SIXTEENTH LINE

QUARTER LINE

EXISTING R/W

170.80' 40.00' 50.00'

124.25' 40.00' 45.00'

122+32.52 45.00'

124+40.00 40.00' 50.00'

136+57.27 50.00'

134+00.00 50.00'

Y = 522851.898
X = 733421.497
DELTA = 00°12'06" RT
PI: 125+42.77

NIENDORF DR

LOT 1
CSM NO. 5494
V.25 P.83-84
DOC. 2070357

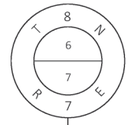
49.5'

RL CURVE 9
PI STA = 138+76.09
Y = 522803.282
X = 734753.927
DELTA = 1°00'16" LT
D = 0°06'53"
T = 438.26'
L = 876.50'
R = 50000.00'
PC STA = 134+37.83
PT STA = 143+14.33
AH = S88°54'53"E

QTR LINE TO PC 134+37.83
L = 22.30'
LCH = 22.30'
LCB = N 87°55'23" W
R = 50000.00'

PC: 134+37.83
QUARTER LINE
STA. 134+60.10

FOUND 1.25"
IRON ROD
Y=525,449.013
X=734,354.194



BROCKMANN VALLEY RD

57.75'

49.5'

S 00°20'51" W 2575.58' COR TO R/W

S 00°20'51" W 55.02' R/W TO R/L

S 00°20'51" W 3.31' R/L TO COR

PT: 143+14.33

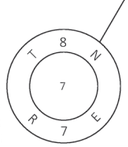
RL CURVE 9

S 00°20'51" W 36.54' COR TO R/W

N 00°20'51" E 2592.86' COR TO R/W

QUARTER LINE

FOUND ALUMINUM
CAP MONUMENT
Y=520,185.795
X=734,322.264



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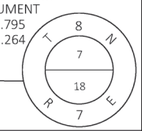
X=734,338.215



GN

0 100 200
SCALE, FEET

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
James R. Cappeart
S-3044
Green Bay
Wis.
LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 1/23/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 1/23/2023
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 1/23/2023

PLOT DATE : 1/23/2023 5:26 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.06

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 9623 RECORDED IN VOLUME 55 ON PAGES 169-170 AS DOCUMENT NO. 3197640, BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4, AND PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 7, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 8754-L, CSM 9623, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR BROCKMANN VALLEY RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 11729.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 9623.

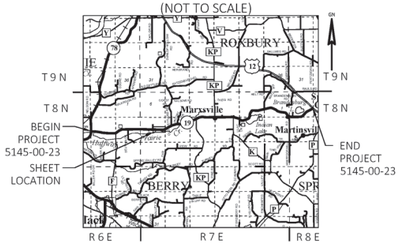
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED						
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
28	VENDOR: CLEO I BROCKMANN VENDEE: JAMES H & VALERIE J BROCKMANN	FEE	0.061	0.225	0.286	---
29	HOFFMAN REVOCABLE LIVING TRUST	FEE	0.281	1.451	1.732	---
30			---	---	---	---
31	HARLAND F & SHARON R EVERT LIVING TRUST DATED SEPTEMBER 14, 2010	FEE & TLE	0.517	1.035	1.552	0.064
32	SHIRLEY M KERL	FEE & TLE	0.326	1.659	1.985	0.100
33	RICKY D & DIANE J BEOTTCHER JOINT REVOCABLE TRUST	FEE & TLE	0.281	0.886	1.167	0.065
34	GREGG A BEUTHIN & PAMELA L MIELKE-BEUTHIN	FEE & TLE	0.100	0.151	0.251	0.001

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664096
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.06
AMENDMENT NO:___

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

(201) ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 32
NO RECORD EASEMENT - PARCEL 33

(202) TDS TELECOM - COMMUNICATIONS
V 24 P 591 DOC 1212469(BLANKET) - PARCEL 28
NO RECORD EASEMENT - PARCEL 29
V160 P 563 DOC 658177 - PARCEL 31
V 26936 P 2 DOC 2586013 - PARCEL 31

(205) AT&T - COMMUNICATIONS
V19752 P 50 DOC 2381029 - PARCEL 32
NO RECORD EASEMENT - PARCEL 33
NO RECORD EASEMENT - PARCEL 34

COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-506	N 00°20'51" E	58.33'
506-601	S 82°12'51" E	49.92'
601-602	S 86°36'23" E	191.69'
602-603	S 88°27'41" E	951.21'
603-604	S 88°22'30" E	1092.09'
604-605	N 77°59'50" E	141.92'
605-606	N 65°03'01" E	290.26'
606-607	S 00°09'56" W	125.83'
607-608	S 67°58'55" W	250.63'
608-614	S 85°08'12" W	57.01'
614-609	S 85°08'12" W	155.86'
609-610	N 89°53'07" W	328.15'
610-611	N 86°55'33" W	175.07'
611-612	N 88°15'54" W	899.59'
612-613	N 88°03'46" W	550.49'
613-507	N 88°04'12" W	288.92'
507-COR	N 00°20'51" E	36.54'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
506	134+58.47	55.00' LT
507	134+61.31	39.83' RT
601	135+08.19	50.00' LT
602	137+00.00	45.00' LT
603	146+50.00	45.00' LT
604	157+50.00	42.00' LT
605	159+00.00	42.00' LT
606	161+97.72	47.13' LT
607	161+41.54	65.39' RT
608	159+00.00	60.00' RT
609	157+00.00	40.00' RT
610	153+75.00	45.00' RT
611	152+00.00	40.00' RT
612	143+00.00	45.00' RT
613	137+50.00	40.00' RT
614	158+47.55	49.48' RT

RL CURVE 9
PI STA = 138+76.09
Y = 522803.282
X = 734753.927
DELTA = 1°00'16" LT
D = 0°06'53"
T = 438.26'
L = 876.50'
R = 50000.00'
PC STA = 134+37.83
PT STA = 143+14.33
BK = N87°54'37"W

RL CURVE 10
PI STA = 145+57.27
Y = 522790.381
X = 735435.006
DELTA = 2°17'52" RT
D = 1°38'13"
T = 70.19'
L = 140.36'
R = 3500.00'
PC STA = 144+87.08
PT STA = 146+27.44

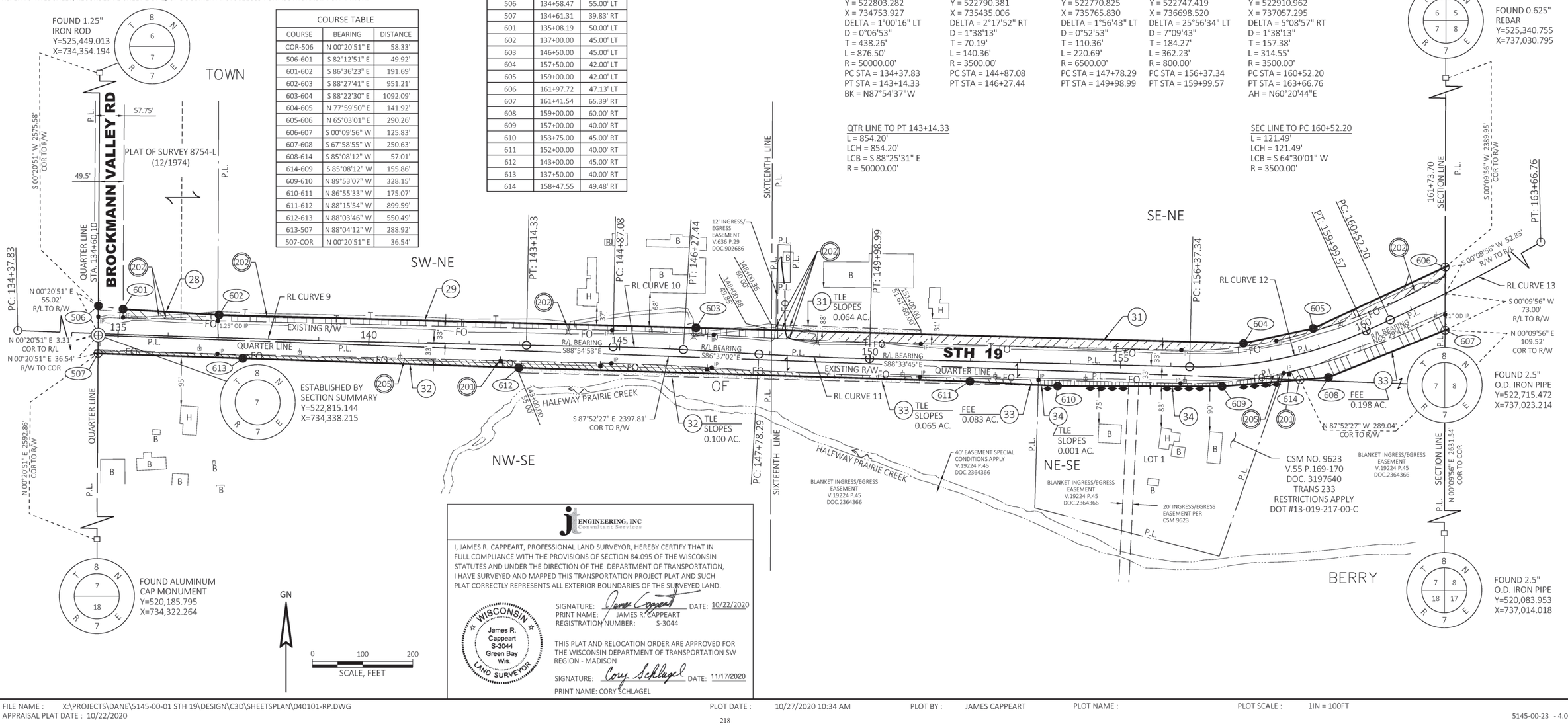
RL CURVE 11
PI STA = 148+88.65
Y = 522770.825
X = 735765.830
DELTA = 1°56'43" LT
D = 0°52'53"
T = 110.36'
L = 220.69'
R = 6500.00'
PC STA = 147+78.29
PT STA = 149+98.99

RL CURVE 12
PI STA = 158+21.61
Y = 522747.419
X = 736698.520
DELTA = 25°56'34" LT
D = 7°09'43"
T = 184.27'
L = 362.23'
R = 800.00'
PC STA = 156+37.34
PT STA = 159+99.57

RL CURVE 13
PI STA = 162+09.59
Y = 522910.962
X = 737057.295
DELTA = 5°08'57" RT
D = 1°38'13"
T = 157.38'
L = 314.55'
R = 3500.00'
PC STA = 160+52.20
PT STA = 163+66.76
AH = N60°20'44"E

QTR LINE TO PT 143+14.33
L = 854.20'
LCH = 854.20'
LCB = S 88°25'31" E
R = 50000.00'

SEC LINE TO PC 160+52.20
L = 121.49'
LCH = 121.49'
LCB = S 64°30'01" W
R = 3500.00'



JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/27/2020 10:34 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.06 AMENDMENT NO. 1

AMENDS UTILITY NUMBER 205 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.06, RECORDED AS DOCUMENT 5664096.

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 9623 RECORDED IN VOLUME 55 ON PAGES 169-170 AS DOCUMENT NO. 3197640, BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4, AND PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 7, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 8754-L, CSM 9623, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR BROCKMANN VALLEY RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 11729.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 9623.

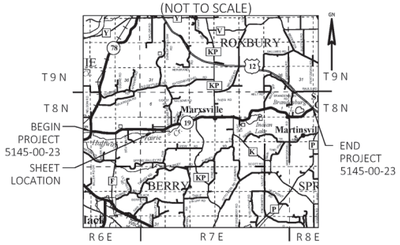
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
28	VENDOR: CLEO I BROCKMANN VENDEE: JAMES H & VALERIE J BROCKMANN	FEE	0.061	0.225	0.286	---
29	HOFFMAN REVOCABLE LIVING TRUST	FEE	0.281	1.451	1.732	---
30			---	---	---	---
31	HARLAND F & SHARON R EVERT LIVING TRUST DATED SEPTEMBER 14, 2010	FEE & TLE	0.517	1.035	1.552	0.064
32	SHIRLEY M KERL	FEE & TLE	0.326	1.659	1.985	0.100
33	RICKY D & DIANE J BEOTTCHER JOINT REVOCABLE TRUST	FEE & TLE	0.281	0.886	1.167	0.065
34	GREGG A BEUTHIN & PAMELA L MIELKE-BEUTHIN	FEE & TLE	0.100	0.151	0.251	0.001

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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PROJECT NUMBER 5145-00-23 - 4.06
AMENDMENT NO: 1

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

(201) ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 32
NO RECORD EASEMENT - PARCEL 33

(205) AT&T - COMMUNICATIONS
V19752 P 50 DOC 2381029 - PARCEL 32

(202) TDS TELECOM - COMMUNICATIONS
V 24 P 591 DOC 1212469(BLANKET) - PARCEL 28
NO RECORD EASEMENT - PARCEL 29
V160 P 563 DOC 658177 - PARCEL 31
V 26936 P 2 DOC 2586013 - PARCEL 31

COURSE TABLE

COURSE	BEARING	DISTANCE
COR-506	N 00°20'51" E	58.33'
506-601	S 82°12'51" E	49.92'
601-602	S 86°36'23" E	191.69'
602-603	S 88°27'41" E	951.21'
603-604	S 88°22'30" E	1092.09'
604-605	N 77°59'50" E	141.92'
605-606	N 65°03'01" E	290.26'
606-607	S 00°09'56" W	125.83'
607-608	S 67°58'55" W	250.63'
608-614	S 85°08'12" W	57.01'
614-609	S 85°08'12" W	155.86'
609-610	N 89°53'07" W	328.15'
610-611	N 86°55'33" W	175.07'
611-612	N 88°15'54" W	899.59'
612-613	N 88°03'46" W	550.49'
613-507	N 88°04'12" W	288.92'
507-COR	N 00°20'51" E	36.54'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
506	134+58.47	55.00' LT
507	134+61.31	39.83' RT
601	135+08.19	50.00' LT
602	137+00.00	45.00' LT
603	146+50.00	45.00' LT
604	157+50.00	42.00' LT
605	159+00.00	42.00' LT
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609	157+00.00	40.00' RT
610	153+75.00	45.00' RT
611	152+00.00	40.00' RT
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613	137+50.00	40.00' RT
614	158+47.55	49.48' RT

RL CURVE 9
PI STA = 138+76.09
Y = 522803.282
X = 734753.927
DELTA = 1°00'16" LT
D = 0°06'53"
T = 438.26'
L = 876.50'
R = 50000.00'
PC STA = 134+37.83
PT STA = 143+14.33
BK = N87°54'37"W

RL CURVE 10
PI STA = 145+57.27
Y = 522790.381
X = 735435.006
DELTA = 2°17'52" RT
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T = 70.19'
L = 140.36'
R = 3500.00'
PC STA = 144+87.08
PT STA = 146+27.44

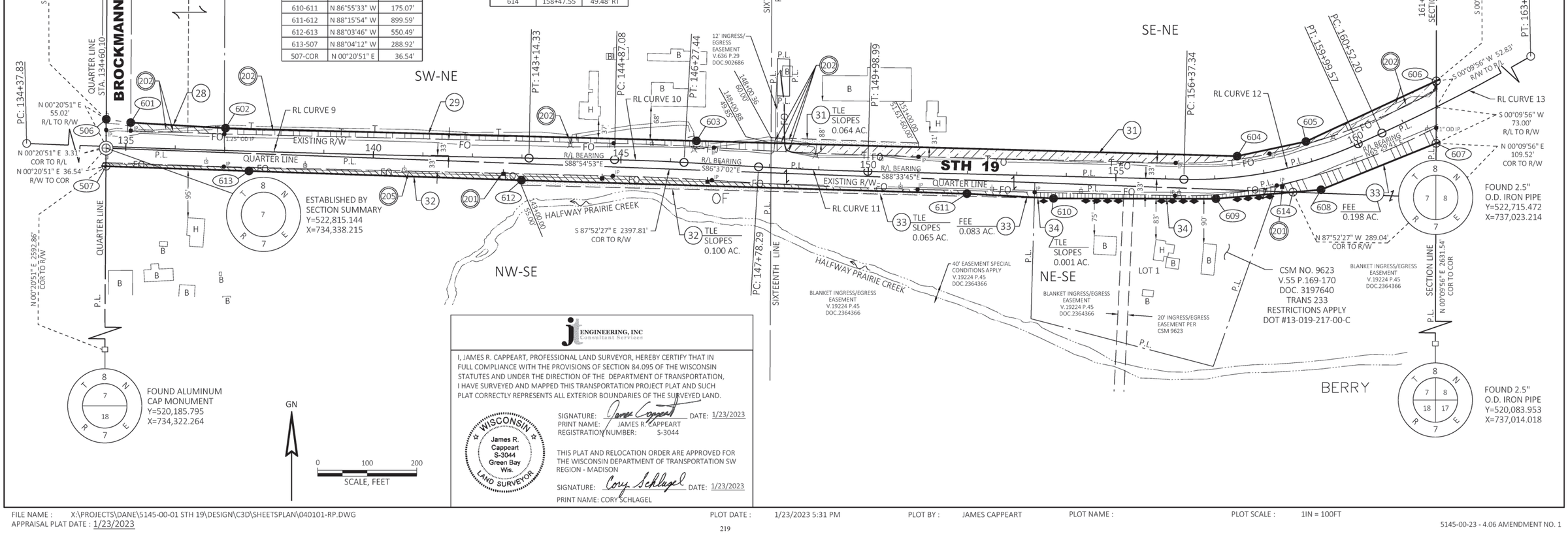
RL CURVE 11
PI STA = 148+88.65
Y = 522770.825
X = 735765.830
DELTA = 1°56'43" LT
D = 0°52'53"
T = 110.36'
L = 220.69'
R = 6500.00'
PC STA = 147+78.29
PT STA = 149+98.99

RL CURVE 12
PI STA = 158+21.61
Y = 522747.419
X = 736698.520
DELTA = 25°56'34" LT
D = 7°09'43"
T = 184.27'
L = 362.23'
R = 800.00'
PC STA = 156+37.34
PT STA = 159+99.57

RL CURVE 13
PI STA = 162+09.59
Y = 522910.962
X = 737057.295
DELTA = 5°08'57" RT
D = 1°38'13"
T = 157.38'
L = 314.55'
R = 3500.00'
PC STA = 160+52.20
PT STA = 163+66.76
AH = N60°20'44"E

QTR LINE TO PT 143+14.33
L = 854.20'
LCH = 854.20'
LCB = S 88°25'31" E
R = 50000.00'

SEC LINE TO PC 160+52.20
L = 121.49'
LCH = 121.49'
LCB = S 64°30'01" W
R = 3500.00'



JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 1/23/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 1/23/2023
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.07

THAT PART OF LOT 1 & 2 OF CERTIFIED SURVEY MAP 3990 RECORDED IN VOLUME 16 CSM ON PAGES 291-292 AS DOCUMENT NO. 1756015, BEING IN AND INCLUDING A PART OF THE SOUTHWEST 1/4 OF THE NORTHWEST 1/4, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 11879 RECORDED IN VOLUME 73 CSM ON PAGES 19-21 AS DOCUMENT NO. 4222111, BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4, ALL IN SECTION 8, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 8355-L, POS 15 (3), CSM 3990, POS 7136, CSM 11879, CSM 688, CSM 2370, RW PLAT T0266(1), POS 224-L, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR OLD SETTLERS RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 8355-L, AND CSM 11879.

EXISTING HIGHWAY RIGHT-OF-WAY FOR JACOBY DR ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND POS 2011-00368.

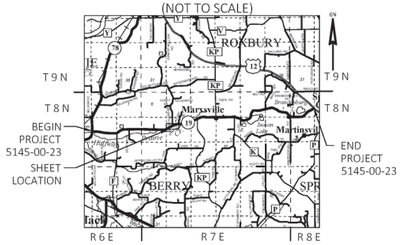
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
606	161+97.72	47.13' LT
607	161+41.54	65.39' RT
700	162+50.00	45.00' LT
701	163+50.00	34.26' LT
702	167+00.00	33.50' LT
703	168+00.00	40.00' LT
704	171+00.00	40.00' LT
705	174+50.00	45.00' LT
706	176+33.56	50.00' LT
707	177+07.65	60.00' LT
709	175+50.00	33.72' RT
710	173+50.00	50.00' RT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
711	169+00.00	50.00' RT
712	162+00.00	70.00' RT
IP788	176+61.22	50.45' RT
IP789	176+68.74	33.44' RT
IP790	180+72.21	49.48' LT
IP791	185+46.84	50.02' LT
IP792	187+99.11	51.35' LT
IP793	189+20.14	72.04' LT
IP794	190+55.05	88.10' LT
IP795	190+57.57	87.99' LT
IP796	190+51.53	48.84' RT
IP797	185+47.66	49.97' RT
IP798	178+63.04	50.71' RT

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664101
11/19/2020 12:18 PM
Trans Fee:
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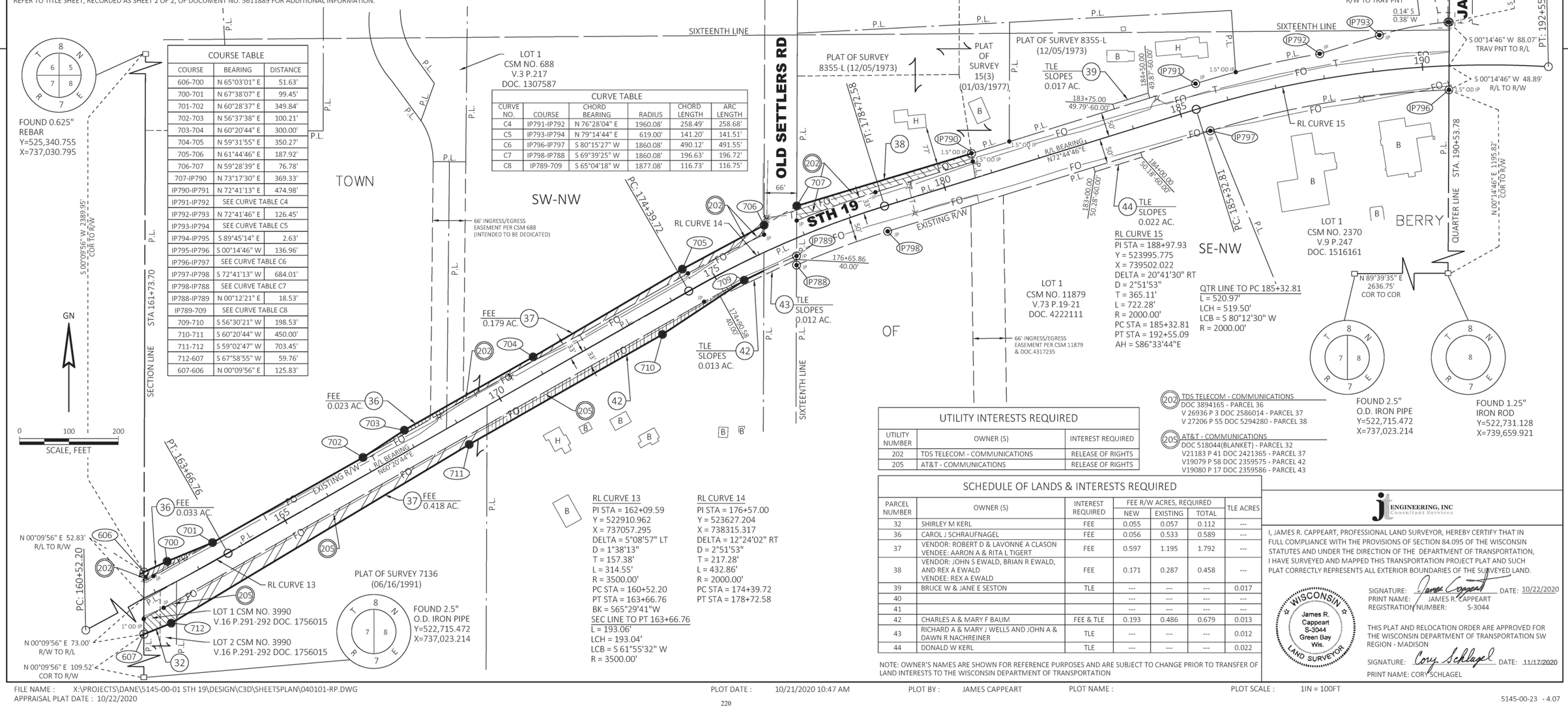


COURSE TABLE		
COURSE	BEARING	DISTANCE
606-700	N 65°03'01" E	51.63'
700-701	N 67°38'07" E	99.45'
701-702	N 60°28'37" E	349.84'
702-703	N 56°37'38" E	100.21'
703-704	N 60°20'44" E	300.00'
704-705	N 59°31'55" E	350.27'
705-706	N 61°44'46" E	187.92'
706-707	N 59°28'39" E	76.78'
707-IP790	N 73°17'30" E	369.33'
IP790-IP791	N 72°41'13" E	474.98'
IP791-IP792	SEE CURVE TABLE C4	
IP792-IP793	N 72°41'46" E	126.45'
IP793-IP794	SEE CURVE TABLE C5	
IP794-IP795	S 89°45'14" E	2.63'
IP795-IP796	S 00°14'46" W	136.96'
IP796-IP797	SEE CURVE TABLE C6	
IP797-IP798	S 72°41'13" W	684.01'
IP798-IP788	SEE CURVE TABLE C7	
IP788-IP789	N 00°12'21" E	18.53'
IP789-709	SEE CURVE TABLE C8	
709-710	S 56°30'21" W	198.53'
710-711	S 60°20'44" W	450.00'
711-712	S 59°02'47" W	703.45'
712-607	S 67°58'55" W	59.76'
607-606	N 00°09'56" E	125.83'

CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C4	IP791-IP792	N 76°28'04" E	1960.08'	258.49'	258.68'
C5	IP793-IP794	N 79°14'44" E	619.00'	141.20'	141.51'
C6	IP796-IP797	S 80°15'27" W	1860.08'	490.12'	491.55'
C7	IP798-IP788	S 69°39'25" W	1860.08'	196.63'	196.72'
C8	IP789-709	S 65°04'18" W	1877.08'	116.73'	116.75'

RL CURVE 13
PI STA = 162+09.59
Y = 522910.962
X = 737057.295
DELTA = 5°08'57" LT
D = 1°38'13"
T = 157.38'
L = 314.55'
R = 3500.00'
PC STA = 160+52.20
PT STA = 163+66.76
BK = S65°29'41"W
SEC LINE TO PT 163+66.76
L = 193.06'
LCH = 193.04'
LCB = S 61°55'32" W
R = 3500.00'

RL CURVE 14
PI STA = 176+57.00
Y = 523627.204
X = 738315.317
DELTA = 12°24'02" RT
D = 2°51'53"
T = 217.28'
L = 432.86'
R = 2000.00'
PC STA = 174+39.72
PT STA = 178+72.58

RL CURVE 15
PI STA = 188+97.93
Y = 523995.775
X = 739502.022
DELTA = 20°41'30" RT
D = 2°51'53"
T = 365.11'
L = 722.28'
R = 2000.00'
PC STA = 185+32.81
PT STA = 192+55.09
AH = S86°33'44"E

QTR LINE TO PC 185+32.81
L = 520.97'
LCH = 519.50'
LCB = S 80°12'30" W
R = 2000.00'

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

202 TDS TELECOM - COMMUNICATIONS
DOC 3894165 - PARCEL 36
V 26936 P 3 DOC 2586014 - PARCEL 37
V 27206 P 55 DOC 5294280 - PARCEL 38

205 AT&T - COMMUNICATIONS
DOC 518044(BLANKET) - PARCEL 32
V21183 P 41 DOC 2421365 - PARCEL 37
V19079 P 58 DOC 2359575 - PARCEL 42
V19080 P 17 DOC 2359586 - PARCEL 43

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
32	SHIRLEY M KERL	FEE	0.055	0.057	0.112	---
36	CAROL J SCHRAUFNAGEL	FEE	0.056	0.533	0.589	---
37	VENDOR: ROBERT D & LAVONNE A CLASON VENDEE: AARON A & RITA L TIGERT	FEE	0.597	1.195	1.792	---
38	VENDOR: JOHN S EWALD, BRIAN R EWALD, AND REX A EWALD VENDEE: REX A EWALD	FEE	0.171	0.287	0.458	---
39	BRUCE W & JANE E SESTON	TLE	---	---	---	0.017
40			---	---	---	---
41			---	---	---	---
42	CHARLES A & MARY F BAUM	FEE & TLE	0.193	0.486	0.679	0.013
43	RICHARD A & MARY J WELLS AND JOHN A & DAWN R NACHREINER	TLE	---	---	---	0.012
44	DONALD W KERL	TLE	---	---	---	0.022

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/21/2020 10:47 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.08

THAT PART OF THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4, THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, AND THE SOUTHEAST 1/4 OF THE NORTHEAST 1/4, ALL IN SECTION 8, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 2011-00368, TO266(1), POS 1998-01019, CSM 2229, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR JACOBY DR ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND POS 2011-00368.

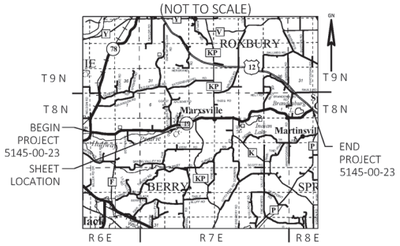
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
IP795	190+57.57	87.99' LT
IP796	190+51.53	48.84' RT
800	203+54.99	50.16' LT
801	209+00.00	50.00' LT
802	211+50.00	50.00' LT
803	213+50.00	45.00' LT
804	217+00.00	50.00' LT
805	217+83.20	53.02' LT
806	217+38.83	59.03' RT
810	207+67.77	45.00' RT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
811	207+00.00	40.00' RT
812	204+50.00	40.00' RT
813	206+56.94	49.82' RT
814	200+07.06	53.06' RT
815	198+21.37	74.85' RT
816	195+20.65	49.94' RT
817	197+16.54	49.75' LT
IP880	191+02.40	83.64' LT
IP881	193+58.62	50.01' LT
IP883	203+95.93	50.60' LT
IP884	203+67.97	49.63' RT
IP887	192+34.47	49.93' RT

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
45	KOTY J LAUFENBERG	FEE & TLE	0.843	1.867	2.710	0.083
46	KAHL DEVELOPMENT, LLC	TLE	---	---	---	0.072
47	TOWN OF BERRY	TLE	---	---	---	0.117
48	VENDOR: RICHARD V & ELEANORE S FASSBENDER JOINT REVOCABLE TRUST VENDEE: PAUL G FASSBENDER & DAWN M. FASSBENDER	FEE	0.066	0.165	0.231	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664104
11/19/2020 12:18 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
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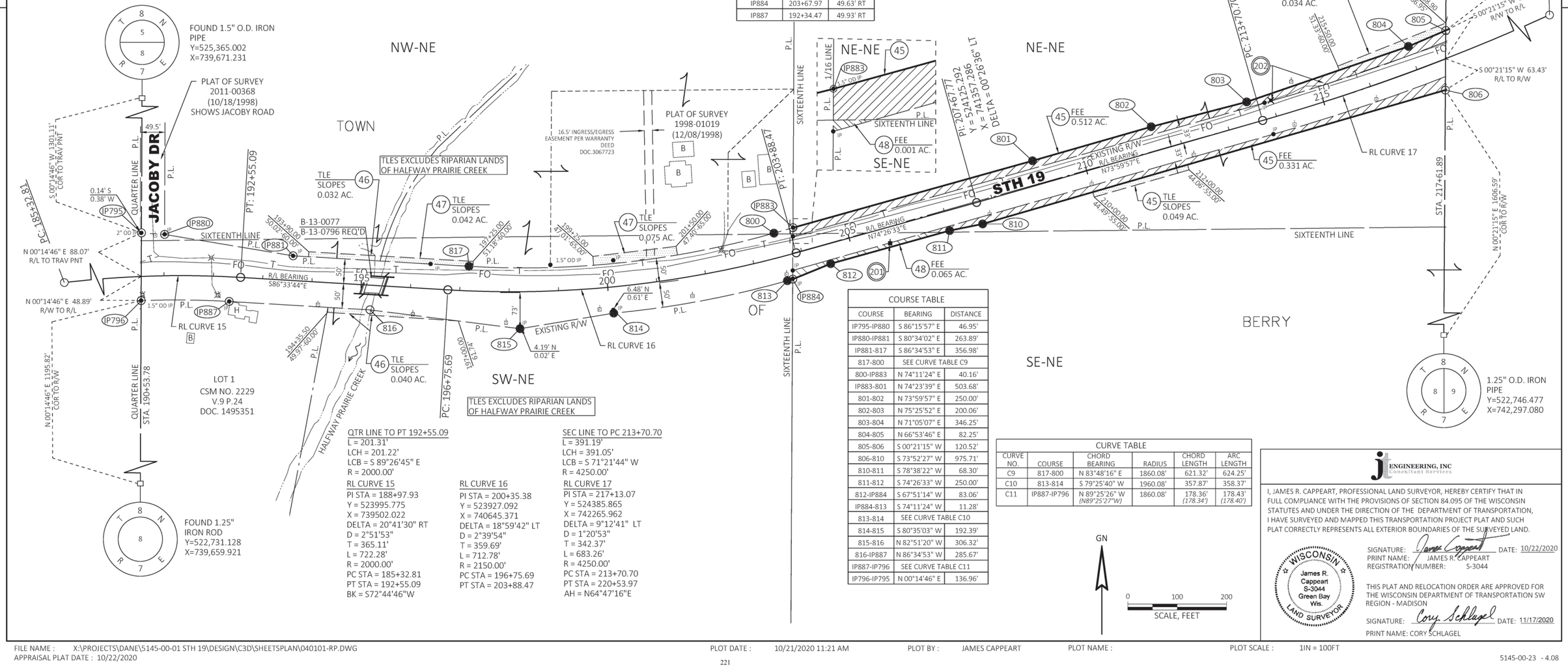
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.08
AMENDMENT NO:___



COURSE TABLE		
COURSE	BEARING	DISTANCE
IP795-IP880	S 86°15'57" E	46.95'
IP880-IP881	S 80°34'02" E	263.89'
IP881-817	S 86°34'53" E	356.98'
817-800	SEE CURVE TABLE C9	
800-IP883	N 74°11'24" E	40.16'
IP883-801	N 74°23'39" E	503.68'
801-802	N 73°59'57" E	250.00'
802-803	N 75°25'52" E	200.06'
803-804	N 71°05'07" E	346.25'
804-805	N 66°53'46" E	82.25'
805-806	S 00°21'15" W	120.52'
806-810	S 73°52'27" W	975.71'
810-811	S 78°38'22" W	68.30'
811-812	S 74°26'33" W	250.00'
812-IP884	S 67°51'14" W	83.06'
IP884-813	S 74°11'24" W	11.28'
813-814	SEE CURVE TABLE C10	
814-815	S 80°35'03" W	192.39'
815-816	N 82°51'20" W	306.32'
816-IP887	N 86°34'53" W	285.67'
IP887-IP796	SEE CURVE TABLE C11	
IP796-IP795	N 00°14'46" E	136.96'

CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C9	817-800	N 83°48'16" E	1860.08'	621.32'	624.25'
C10	813-814	S 79°25'40" W	1960.08'	357.87'	358.37'
C11	IP887-IP796	N 89°25'26" W *(N89°25'27"W)*	1860.08'	178.36' *(178.34')*	178.43' *(178.40')*

QTR LINE TO PT 192+55.09
L = 201.31'
LCH = 201.22'
LCB = S 89°26'45" E
R = 2000.00'

RL CURVE 15
PI STA = 188+97.93
Y = 523995.775
X = 739502.022
DELTA = 20°41'30" RT
D = 2°51'53"
T = 365.11'
L = 722.28'
R = 2000.00'
PC STA = 185+32.81
PT STA = 192+55.09
BK = S72°44'46"W

RL CURVE 16
PI STA = 200+35.38
Y = 523927.092
X = 740645.371
DELTA = 18°59'42" LT
D = 2°39'54"
T = 359.69'
L = 712.78'
R = 2150.00'
PC STA = 196+75.69
PT STA = 203+88.47

SEC LINE TO PC 213+70.70
L = 391.19'
LCH = 391.05'
LCB = S 71°21'44" W
R = 4250.00'

RL CURVE 17
PI STA = 217+13.07
Y = 524385.865
X = 742265.962
DELTA = 9°12'41" LT
D = 1°20'53"
T = 342.37'
L = 683.26'
R = 4250.00'
PC STA = 213+70.70
PT STA = 220+53.97
AH = N64°47'16"E

GN
0 100 200
SCALE, FEET

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/21/2020 11:21 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.09

THAT PART LOT 1 OF CERTIFIED SURVEY MAP 4606 RECORDED IN VOLUME 20 CSM ON PAGES 138-139 AS DOCUMENT NO. 1872209 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 747 RECORDED IN VOLUME 31 CSM ON PAGE 293 AS DOCUMENT NO. 1314012, BOTH BEING IN AND INCLUDING A PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 AND THAT PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4, SECTION 9; AND THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 4, ALL IN TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 6745-L, CSM 747, CSM 4606, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH KP ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 747.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 747.

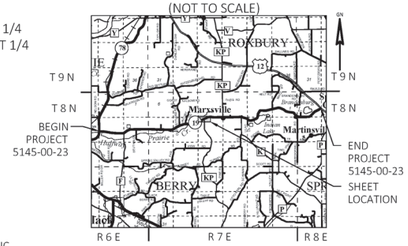
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



201 ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 31
NO RECORD EASEMENT - PARCEL 52

202 TDS TELECOM - COMMUNICATIONS
V26936 P 1 DOC 2586012 - PARCEL 31
V26936 P 1 DOC 2586012 - PARCEL 52
V 27438 P 30 DOC 2601506 - PARCEL 52

205 AT&T - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 31
NO RECORD EASEMENT - PARCEL 48

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
48	VENDOR: RICHARD V & ELEANORE S FASSBENDER JOINT REVOCABLE TRUST VENDEE: PAUL G FASSBENDER & DAWN M. FASSBENDER	FEE & TLE	1.286	2.092	3.378	0.130
50			---	---	---	---
31	HARLAND F & SHARON R EVERT LIVING TRUST DATED SEPTEMBER 14, 2010	FEE & TLE	0.465	1.066	1.531	0.164
52	VENDOR: CARL H EVERT & BARABARA G. EVERT REVOCABLE TRUST DATED OCTOBER 14, 2016 VENDEE: CARL H. EVERT III & BARBARA G. EVERT	FEE & TLE	0.461	0.900	1.361	0.047
53	ROGER C. EVERT	FEE & TLE	0.113	0.167	0.280	0.011

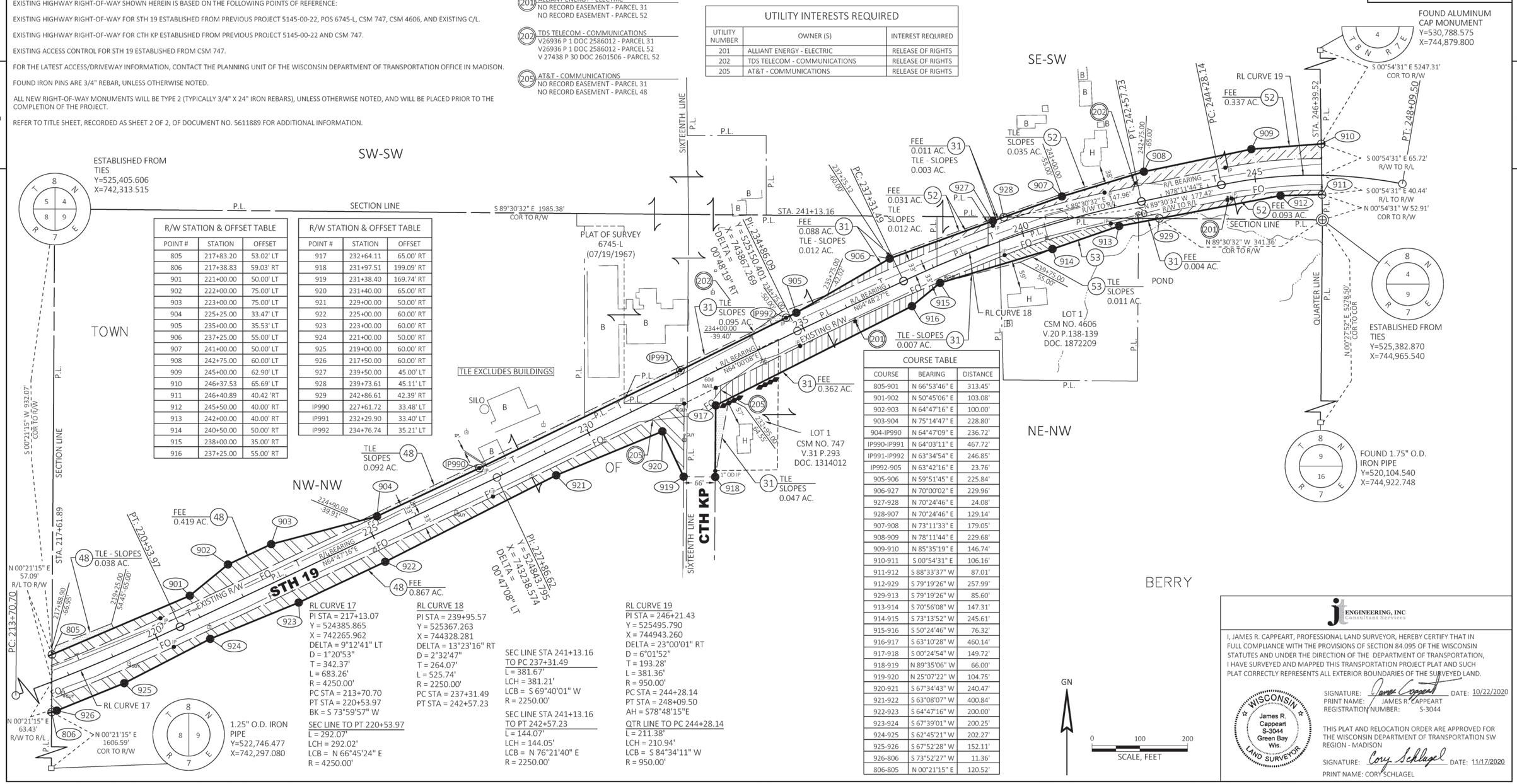
NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664105
11/19/2020 12:19 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.09
AMENDMENT NO:___

4



COURSE TABLE

COURSE	BEARING	DISTANCE
805-901	N 66°53'46" E	313.45'
901-902	N 50°45'06" E	103.08'
902-903	N 64°47'16" E	100.00'
903-904	N 75°14'47" E	228.80'
904-IP990	N 64°47'09" E	236.72'
IP990-IP991	N 64°03'11" E	467.72'
IP991-IP992	N 63°34'54" E	246.85'
IP992-905	N 63°42'16" E	23.76'
905-906	N 59°51'45" E	225.84'
906-927	N 70°00'02" E	229.96'
927-928	N 70°24'46" E	24.08'
928-907	N 70°24'46" E	129.14'
907-908	N 73°11'33" E	179.05'
908-909	N 78°11'44" E	229.68'
909-910	N 85°35'19" E	146.74'
910-911	S 00°54'31" E	106.16'
911-912	S 88°33'37" W	87.01'
912-929	S 79°19'26" W	257.99'
929-913	S 79°19'26" W	85.60'
913-914	S 70°56'08" W	147.31'
914-915	S 73°13'52" W	245.61'
915-916	S 50°24'46" W	76.32'
916-917	S 63°10'28" W	460.14'
917-918	S 00°24'54" W	149.72'
918-919	N 89°35'06" W	66.00'
919-920	N 25°07'22" W	104.75'
920-921	S 67°34'43" W	240.47'
921-922	S 63°08'07" W	400.84'
922-923	S 64°47'16" W	200.00'
923-924	S 67°39'01" W	200.25'
924-925	S 62°45'21" W	202.27'
925-926	S 67°52'28" W	152.11'
926-806	S 73°52'27" W	11.36'
806-805	N 00°21'15" E	120.52'

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 11/5/2020 3:01 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.09 AMENDMENT NO. 1

AMENDS PARCEL 52 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.09 RECORDED AS DOCUMENT 5664105 AND ADDS PARCEL 50.

THAT PART LOT 1 OF CERTIFIED SURVEY MAP 4606 RECORDED IN VOLUME 20 CSM ON PAGES 138-139 AS DOCUMENT NO. 1872209 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 747 RECORDED IN VOLUME 31 CSM ON PAGE 293 AS DOCUMENT NO. 1314012, BOTH BEING IN AND INCLUDING A PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 AND THAT PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4, SECTION 9; AND THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 4, ALL IN TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 6745-L, CSM 747, CSM 4606, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH KP ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 747.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 747.

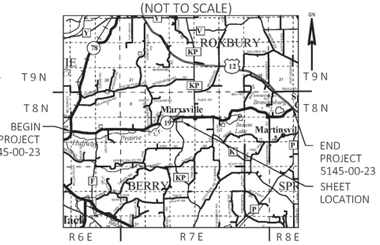
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
48	VENDOR: RICHARD V & ELEANORE S FASSBENDER JOINT REVOCABLE TRUST VENDEE: PAUL G FASSBENDER & DAWN M. FASSBENDER	FEE & TLE	1.286	2.092	3.378	0.130
50	CARL H EVERT, III & BARBARA G. EVERT	FEE & TLE	0.031	0.088	0.119	0.012
31	HARLAND F & SHARON R EVERT LIVING TRUST DATED SEPTEMBER 14, 2010	FEE & TLE	0.465	1.066	1.531	0.164
52	VENDOR: CARL H EVERT & BARABARA G. EVERT REVOCABLE TRUST DATED OCTOBER 14, 2016 VENDEE: CARL H. EVERT III & BARBARA G. EVERT	FEE & TLE	0.430	0.812	1.242	0.035
53	ROGER C. EVERT	FEE & TLE	0.113	0.167	0.280	0.011

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5740558
06/16/2021 12:40 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.09
AMENDMENT NO: 1

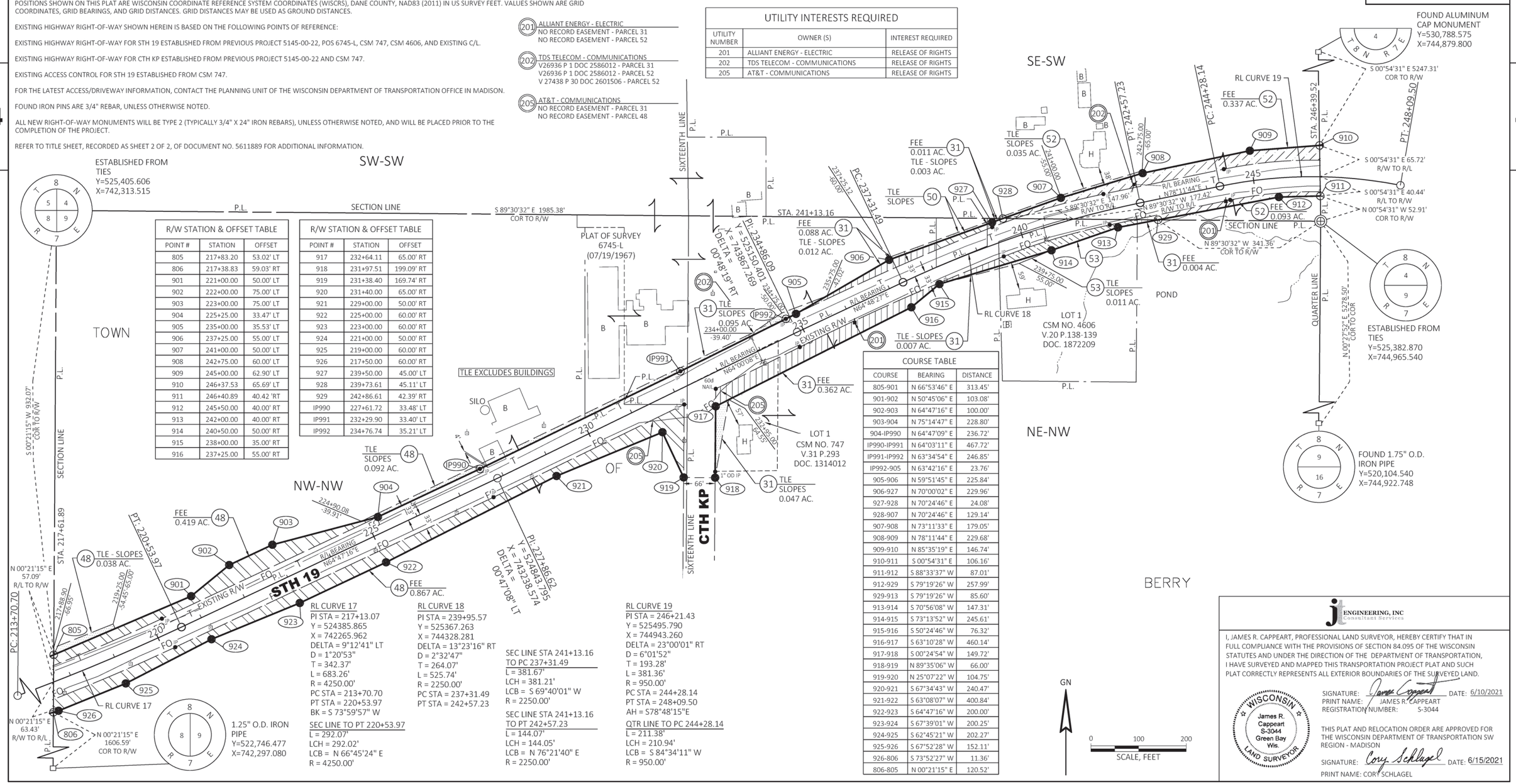
(201) ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 31
NO RECORD EASEMENT - PARCEL 52

(202) TDS TELECOM - COMMUNICATIONS
V26936 P 1 DOC 2586012 - PARCEL 31
V26936 P 1 DOC 2586012 - PARCEL 52
V 27438 P 30 DOC 2601506 - PARCEL 52

(205) AT&T - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 31
NO RECORD EASEMENT - PARCEL 48

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS



COURSE TABLE

COURSE	BEARING	DISTANCE
805-901	N 66°53'46" E	313.45'
901-902	N 50°45'06" E	103.08'
902-903	N 64°47'16" E	100.00'
903-904	N 75°14'47" E	228.80'
904-IP990	N 64°47'09" E	236.72'
IP990-IP991	N 64°03'11" E	467.72'
IP991-IP992	N 63°34'54" E	246.85'
IP992-905	N 63°42'16" E	23.76'
905-906	N 59°51'45" E	225.84'
906-927	N 70°00'02" E	229.96'
927-928	N 70°24'46" E	24.08'
928-907	N 70°24'46" E	129.14'
907-908	N 73°11'33" E	179.05'
908-909	N 78°11'44" E	229.68'
909-910	N 85°35'19" E	146.74'
910-911	S 00°54'31" E	106.16'
911-912	S 88°33'37" W	87.01'
912-929	S 79°19'26" W	257.99'
929-913	S 79°19'26" W	85.60'
913-914	S 70°56'08" W	147.31'
914-915	S 73°13'52" W	245.61'
915-916	S 50°24'46" W	76.32'
916-917	S 63°10'28" W	460.14'
917-918	S 00°24'54" W	149.72'
918-919	N 89°35'06" W	66.00'
919-920	N 25°07'22" W	104.75'
920-921	S 67°34'43" W	240.47'
921-922	S 63°08'07" W	400.84'
922-923	S 64°47'16" W	200.00'
923-924	S 67°39'01" W	200.25'
924-925	S 62°45'21" W	202.27'
925-926	S 67°52'28" W	152.11'
926-806	S 73°52'27" W	11.36'
806-805	N 00°21'15" E	120.52'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
805	217+83.20	53.02' LT
806	217+38.83	59.03' RT
901	221+00.00	50.00' LT
902	222+00.00	75.00' LT
903	223+00.00	75.00' LT
904	225+25.00	33.47' LT
905	235+00.00	35.53' LT
906	237+25.00	55.00' LT
907	241+00.00	50.00' LT
908	242+75.00	60.00' LT
909	245+00.00	62.90' LT
910	246+37.53	65.69' LT
911	246+40.89	40.42 'RT
912	245+50.00	40.00' RT
913	242+00.00	40.00' RT
914	240+50.00	50.00' RT
915	238+00.00	35.00' RT
916	237+25.00	55.00' RT

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
917	232+64.11	65.00' RT
918	231+97.51	199.09' RT
919	231+38.40	169.74' RT
920	231+40.00	65.00' RT
921	229+00.00	50.00' RT
922	225+00.00	60.00' RT
923	223+00.00	60.00' RT
924	221+00.00	50.00' RT
925	219+00.00	60.00' RT
926	217+50.00	60.00' RT
927	239+50.00	45.00' LT
928	239+73.61	45.11' LT
929	242+86.61	42.39' RT
IP990	227+61.72	33.48' LT
IP991	232+29.90	33.40' LT
IP992	234+76.74	35.21' LT

JL ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 6/10/2021
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 6/15/2021
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.09 AMENDMENT NO. 2

AMENDS PARCEL 52 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.09 AMENDMENT NO. 1 RECORDED AS DOCUMENT 5740558 AND
AMENDS UTILITY NUMBER 202 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.09 RECORDED AS DOCUMENT 5664105.

THAT PART LOT 1 OF CERTIFIED SURVEY MAP 4606 RECORDED IN VOLUME 20 CSM ON PAGES 138-139 AS DOCUMENT NO. 1872209 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 747 RECORDED IN VOLUME 31 CSM ON PAGE 293 AS DOCUMENT NO. 1314012, BOTH BEING IN AND INCLUDING A PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4 AND THAT PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4, SECTION 9; AND THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 4, ALL IN TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 6745-L, CSM 747, CSM 4606, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH KP ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 747.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 747.

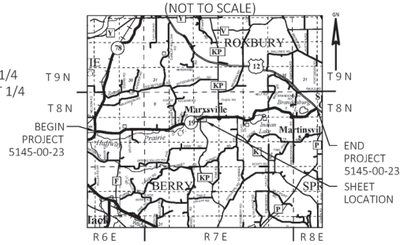
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
48	VENDOR: RICHARD V & ELEANORE S FASSBENDER JOINT REVOCABLE TRUST VENDEE: PAUL G FASSBENDER & DAWN M. FASSBENDER	FEE & TLE	1.286	2.092	3.378	0.130
50	CARL H EVERT, III & BARBARA G. EVERT	FEE & TLE	0.031	0.088	0.119	0.012
31	HARLAND F & SHARON R EVERT LIVING TRUST DATED SEPTEMBER 14, 2010	FEE & TLE	0.465	1.066	1.531	0.164
52	VENDOR: CARL H EVERT & BARABARA G. EVERT REVOCABLE TRUST DATED OCTOBER 14, 2016 VENDEE: CARL H. EVERT III & BARBARA G. EVERT	FEE	0.311	0.812	1.123	----
53	ROGER C. EVERT	FEE & TLE	0.113	0.167	0.280	0.011

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5883062
01/20/2023 08:38 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.09
AMENDMENT NO: 2

201 ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 31
NO RECORD EASEMENT - PARCEL 52

202 TDS TELECOM - COMMUNICATIONS
V26936 P 1 DOC 2586012 - PARCEL 31
V26936 P 1 DOC 2586012 - PARCEL 50
V 27438 P 30 DOC 2601506 - PARCEL 52

205 AT&T - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 31
NO RECORD EASEMENT - PARCEL 48

UTILITY INTERESTS REQUIRED

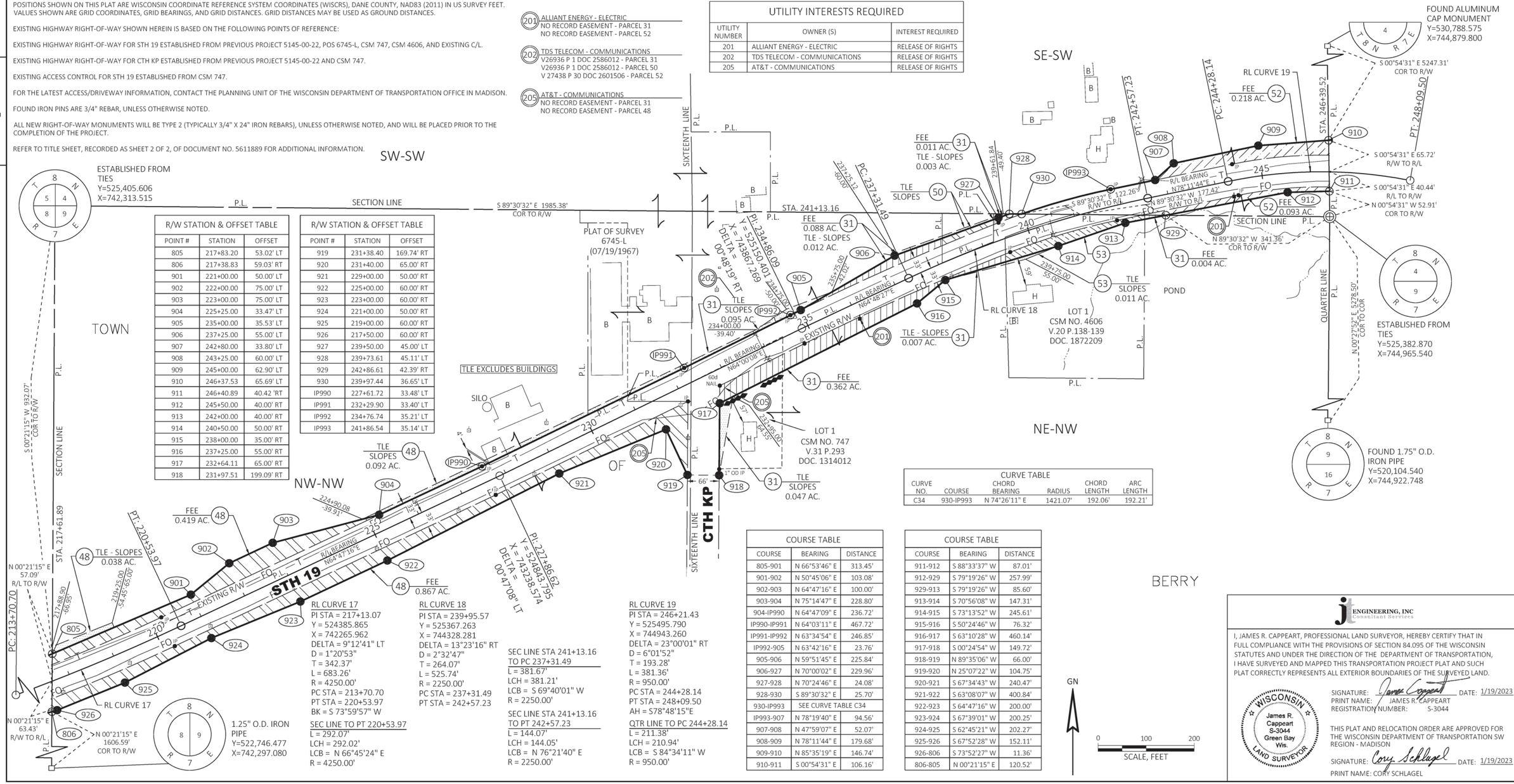
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

SW-SW

ESTABLISHED FROM TIES
Y=525,405.606
X=742,313.515

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
805	217+83.20	53.02' LT
806	217+38.83	59.03' RT
901	221+00.00	50.00' LT
902	222+00.00	75.00' LT
903	223+00.00	75.00' LT
904	225+25.00	33.47' LT
905	235+00.00	35.53' LT
906	237+25.00	55.00' LT
907	242+80.00	33.80' LT
908	243+25.00	60.00' LT
909	245+00.00	62.90' LT
910	246+37.53	65.69' LT
911	246+40.89	40.42 'RT
912	245+50.00	40.00' RT
913	242+00.00	40.00' RT
914	240+50.00	50.00' RT
915	238+00.00	35.00' RT
916	237+25.00	55.00' RT
917	232+64.11	65.00' RT
918	231+97.51	199.09' RT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
919	231+38.40	169.74' RT
920	231+40.00	65.00' RT
921	229+00.00	50.00' RT
922	225+00.00	60.00' RT
923	223+00.00	60.00' RT
924	221+00.00	50.00' RT
925	219+00.00	60.00' RT
926	217+50.00	60.00' RT
927	239+50.00	45.00' LT
928	239+73.61	45.11' LT
929	242+86.61	42.39' RT
930	239+97.44	36.65' LT
IP990	227+61.72	33.48' LT
IP991	232+29.90	33.40' LT
IP992	234+76.74	35.21' LT
IP993	241+86.54	35.14' LT



CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C34	930-IP993	N 74°26'11" E	1421.07'	192.06'	192.21'

COURSE TABLE

COURSE	BEARING	DISTANCE
805-901	N 66°53'46" E	313.45'
901-902	N 50°45'06" E	103.08'
902-903	N 64°47'16" E	100.00'
903-904	N 75°14'47" E	228.80'
904-IP990	N 64°47'09" E	236.72'
IP990-IP991	N 64°03'11" E	467.72'
IP991-IP992	N 63°34'54" E	246.85'
IP992-905	N 63°42'16" E	23.76'
905-906	N 59°51'45" E	225.84'
906-927	N 70°00'02" E	229.96'
927-928	N 70°24'46" E	24.08'
928-930	S 89°30'32" E	25.70'
930-IP993	SEE CURVE TABLE C34	
IP993-907	N 78°19'40" E	94.56'
907-908	N 47°59'07" E	52.07'
908-909	N 78°11'44" E	179.68'
909-910	N 85°35'19" E	146.74'
910-911	S 00°54'31" E	106.16'

COURSE TABLE

COURSE	BEARING	DISTANCE
911-912	S 88°33'37" W	87.01'
912-929	S 79°19'26" W	257.99'
929-913	S 79°19'26" W	85.60'
913-914	S 70°56'08" W	147.31'
914-915	S 73°13'52" W	245.61'
915-916	S 50°24'46" W	76.32'
916-917	S 63°10'28" W	460.14'
917-918	S 00°24'54" W	149.72'
918-919	N 89°35'06" W	66.00'
919-920	N 25°07'22" W	104.75'
920-921	S 67°34'43" W	240.47'
921-922	S 63°08'07" W	400.84'
922-923	S 64°47'16" W	200.00'
923-924	S 67°39'01" W	200.25'
924-925	S 62°45'21" W	202.27'
925-926	S 67°52'28" W	152.11'
926-806	S 73°52'27" W	11.36'
806-805	N 00°21'15" E	120.52'

JL ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 1/19/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 1/19/2023
PRINT NAME: CORY SCHLAGEL

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.10

THAT PART OF CERTIFIED SURVEY MAP 2771 RECORDED IN VOLUME 11 CSM ON PAGE 74 AS DOCUMENT NO. 1564336 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 2146 RECORDED IN VOLUME 8 OF CSM ON PAGE 376 AS DOCUMENT NO. 1484879 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 4185 RECORDED IN VOLUME 17 CSM ON PAGES 294-295 AS DOCUMENT NO. 1801161, ALL BEING IN AND INCLUDING A PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4; AND THAT PART OF TEH NORTHEAST 1/4 OF THE NORTHEAST 1/4, BOTH BEING IN SECTION 9; AND THAT PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 4, ALL IN TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 2010-00469, CSM 3222, POS 2001-00397, CSM 2146, CSM 4185, RW DIV. JOB NO. 1682, POS 6320, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH KP ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND POS 2001-00397.

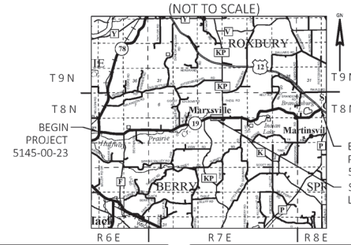
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



COURSE TABLE		
COURSE	BEARING	DISTANCE
910-1001	N 85°35'19" E	13.40'
1001-1002	S 76°01'53" E	160.19'
1002-1003	S 78°49'06" E	200.45'
1003-1004	S 84°20'14" E	123.27'
1004-1005	S 85°56'30" E	365.99'
1005-IP1080	S 89°42'00" E	654.86'
IP1080-IP1081	S 89°39'34" E	293.00'
IP1081-IP1082	S 00°20'26" W	17.00'
IP1082-IP1083	S 89°39'34" E	815.35'
IP1083-TRAV PNT	S 89°58'28" E	33.00'
TRAV PNT-COR	S 00°46'53" E	33.19'
COR-1006	S 00°36'29" W	33.00'
1006-IP1084	N 89°39'34" W	649.85'
IP1084-IP1085	S 00°20'26" W	17.00'

COURSE TABLE		
COURSE	BEARING	DISTANCE
IP1085-1007	N 89°39'34" W	673.78'
1007-1008	N 00°32'11" E	17.00'
1008-IP1086	S 89°38'21" W	553.32'
IP1086-1010	SEE CURVE TABLE C13	
1010-1011	S 86°39'48" W	82.61'
1011-1012	N 54°20'33" W	28.97'
1012-IP1087	SEE CURVE TABLE C14	
IP1087-1013	N 78°44'03" W	54.35'
1013-1014	N 89°39'34" W	41.20'
1014-1015	N 78°27'34" W	199.60'
1015-1016	N 83°54'03" W	143.54'
1016-911	S 88°33'37" W	8.74'
911-910	N 00°54'31" W	106.16'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
54	VENDOR: HARRIS & HELEN WALSER VENDEE: DARRELL D WALSER & MARY K WALSER	FEE & TLE	0.581	1.085	1.666	0.007
55			---	---	---	---
56	JOHN G & MEGAN M KOLTES	FEE	0.075	0.113	0.188	---
57	RALPH WALSER, MOLITOR TRUST DATED AUGUST 8, 1996 AND JOHN G & RUTH E KOBERLE LIVING TRUST DATED JULY 30, 2010 AND THE ANNA M LACOURSE IRREVOCABLE TRUST DATED DECEMBER 15, 2014	FEE & TLE	0.139	0.940	1.079	0.090
58			---	---	---	---
59	HELEN LEWIS MARITAL TRUST	FEE	0.016	0.208	0.224	---
60			---	---	---	---
31	HARLAND F & SHARON R EVERT LIVING TRUST DATED SEPTEMBER 14, 2010	TLE	---	---	---	0.012
62	GARY D MATZ	TLE	---	---	---	0.105
63	MARK H & LYNDA L KETELBOETER	TLE	---	---	---	0.055
64	MULLER FAMILY TRUST	TLE	---	---	---	0.050

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

(205) AT&T - COMMUNICATIONS
V 18535 P 1 DOC 2342691 - PARCEL 59

(201) ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 54
NO RECORD EASEMENT - PARCEL 62

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664124
11/19/2020 12:21 PM
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Exempt #:
Rec. Fee: 25.00
Pages:
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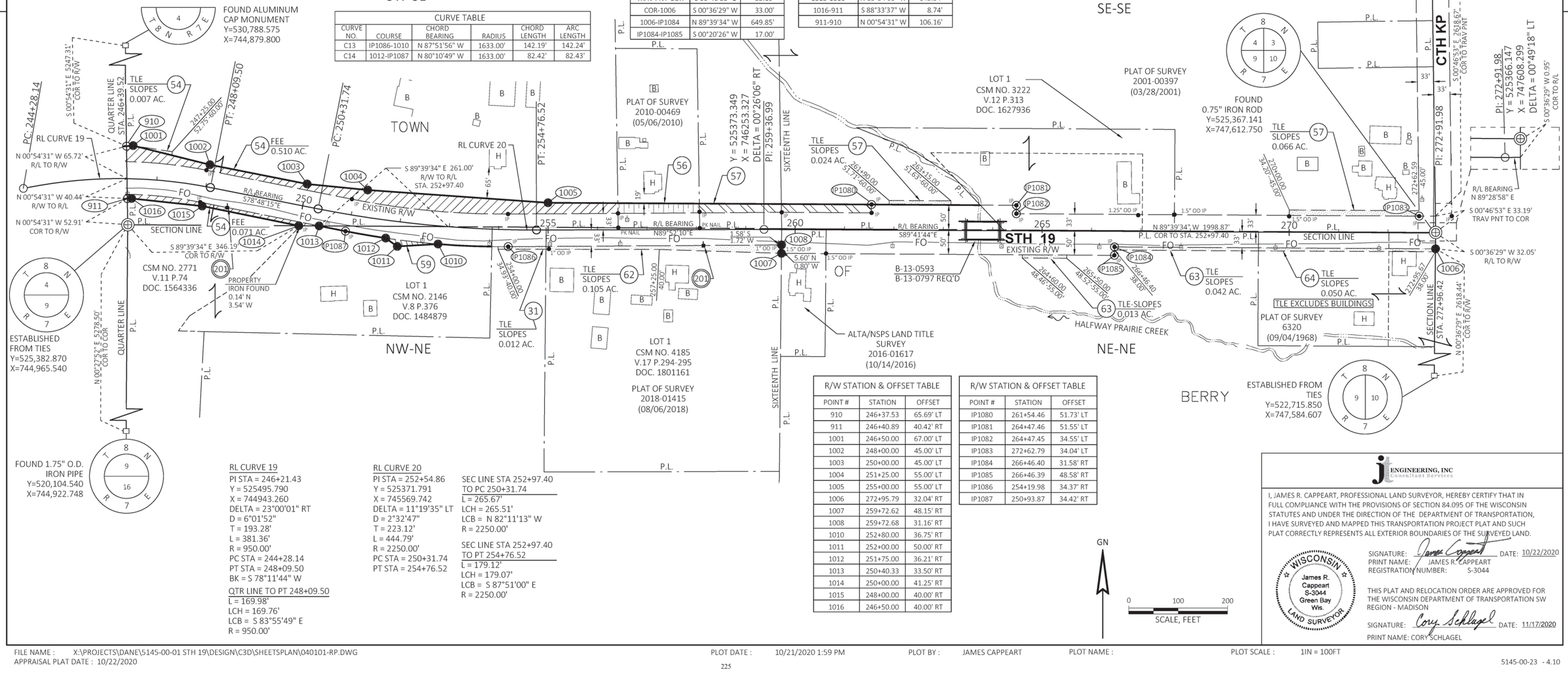
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.10
AMENDMENT NO:___

4



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
910	246+37.53	65.69' LT
911	246+40.89	40.42' RT
1001	246+50.00	67.00' LT
1002	248+00.00	45.00' LT
1003	250+00.00	45.00' LT
1004	251+25.00	55.00' LT
1005	255+00.00	55.00' LT
1006	272+95.79	32.04' RT
1007	259+72.62	48.15' RT
1008	259+72.68	31.16' RT
1010	252+80.00	36.75' RT
1011	252+00.00	50.00' RT
1012	251+75.00	36.21' RT
1013	250+40.33	33.50' RT
1014	250+00.00	41.25' RT
1015	248+00.00	40.00' RT
1016	246+50.00	40.00' RT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
IP1080	261+54.46	51.73' LT
IP1081	264+47.46	51.55' LT
IP1082	264+47.45	34.55' LT
IP1083	272+62.79	34.04' LT
IP1084	266+46.40	31.58' RT
IP1085	266+46.39	48.58' RT
IP1086	254+19.98	34.37' RT
IP1087	250+93.87	34.42' RT

RL CURVE 19
PI STA = 246+21.43
Y = 525495.790
X = 744943.260
DELTA = 23°00'01" RT
D = 6°01'52"
T = 193.28'
L = 381.36'
R = 950.00'
PC STA = 244+28.14
PT STA = 248+09.50
BK = S 78°11'44" W

QTR LINE TO PT 248+09.50
L = 169.98'
LCH = 169.76'
LCB = S 83°55'49" E
R = 950.00'

RL CURVE 20
PI STA = 252+54.86
Y = 525371.791
X = 745569.742
DELTA = 11°19'35" LT
D = 2°32'47"
T = 223.12'
L = 444.79'
R = 2250.00'
PC STA = 250+31.74
PT STA = 254+76.52

SEC LINE STA 252+97.40
TO PC 250+31.74
L = 265.67'
LCH = 265.51'
LCB = N 82°11'13" W
R = 2250.00'

SEC LINE STA 252+97.40
TO PT 254+76.52
L = 179.12'
LCH = 179.07'
LCB = S 87°51'00" E
R = 2250.00'

GN
0 100 200
SCALE, FEET

JE ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/21/2020 1:59 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.10 AMENDMENT NO. 1

AMENDS PARCEL 54 AND 56 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.10 RECORDED AS DOCUMENT 5664124.

THAT PART OF CERTIFIED SURVEY MAP 2771 RECORDED IN VOLUME 11 CSM ON PAGE 74 AS DOCUMENT NO. 1564336 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 2146 RECORDED IN VOLUME 8 OF CSM ON PAGE 376 AS DOCUMENT NO. 1484879 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 4185 RECORDED IN VOLUME 17 CSM ON PAGES 294-295 AS DOCUMENT NO. 1801161, ALL BEING IN AND INCLUDING A PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4; AND THAT PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, BOTH BEING IN SECTION 9; AND THAT PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 4, ALL IN TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 2010-00469, CSM 3222, POS 2001-00397, CSM 2146, CSM 4185, RW DIV. JOB NO. 1682, POS 6320, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH KP ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND POS 2001-00397.

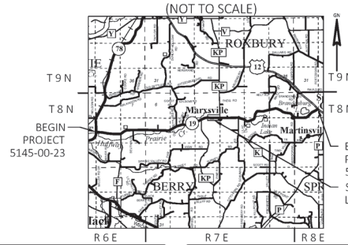
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



COURSE TABLE		
COURSE	BEARING	DISTANCE
910-1001	N 85°35'19" E	13.40'
1001-1002	S 76°01'53" E	160.19'
1002-1003	S 78°49'06" E	200.45'
1003-1004	S 84°20'14" E	123.27'
1004-1005	S 85°05'09" E	170.56'
1005-1017	S 74°15'31" E	125.64'
1017-1018	N 89°38'21" E	274.27'
1018-1019	N 71°35'02" E	62.39'
1019-IP1080	S 89°42'00" E	395.62'
IP1080-IP1081	S 89°39'34" E *(S 89°39'34" E)*	293.00' *(293.00')*
IP1081-IP1082	S 00°20'26" W *(S 00°20'26" W)*	17.00' *(17.00')*
IP1082-IP1083	S 89°39'34" E *(S 89°39'34" E)*	815.35' *(815.35')*
IP1083-TRAV PNT	S 89°58'28" E	33.00'
TRAV PNT-COR	S 00°46'53" E	33.19'

COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-1006	S 00°36'29" W	33.00'
1006-IP1084	N 89°39'34" W	649.85'
IP1084-IP1085	S 00°20'26" W *(S 00°20'26" W)*	17.00' *(17.00')*
IP1085-1007	N 89°39'34" W	673.78'
1007-1008	N 00°32'11" E	17.00'
1008-IP1086	S 89°38'21" W	553.32'
IP1086-1010	SEE CURVE TABLE C13	
1010-1011	S 86°39'48" W	82.61'
1011-1012	N 54°20'33" W	28.97'
1012-IP1087	SEE CURVE TABLE C14	
IP1087-1013	N 78°44'03" W	54.35'
1013-1014	N 89°39'34" W	41.20'
1014-1015	N 78°27'34" W	199.60'
1015-1016	N 83°54'03" W	143.54'
1016-911	S 88°33'37" W	8.74'
911-910	N 00°54'31" W	106.16'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
54	VENDOR: HARRIS & HELEN WALSER VENDEE: DARRELL D WALSER & MARY K WALSER	FEE & TLE	0.421	1.085	1.506	0.008
55			---	---	---	---
56	JOHN G & MEGAN M KOLTES	FEE & TLE	0.034	0.113	0.147	0.004
57	RALPH WALSER, MOLITOR TRUST DATED AUGUST 8, 1996 AND JOHN G & RUTH E KOBERLE LIVING TRUST DATED JULY 30, 2010 AND THE ANNA M LACOURSE IRREVOCABLE TRUST DATED DECEMBER 15, 2014	FEE & TLE	0.139	0.940	1.079	0.090
58			---	---	---	---
59	HELEN LEWIS MARITAL TRUST	FEE	0.016	0.208	0.224	---
60			---	---	---	---
31	HARLAND F & SHARON R EVERT LIVING TRUST DATED SEPTEMBER 14, 2010	TLE	---	---	---	0.012
62	GARY D MATZ	TLE	---	---	---	0.105
63	MARK H & LYNDA L KETELBOETER	TLE	---	---	---	0.055
64	MULLER FAMILY TRUST	TLE	---	---	---	0.050

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
201	ALLIANT ENERGY - ELECTRIC	RELEASE OF RIGHTS
205	AT&T - COMMUNICATIONS	RELEASE OF RIGHTS

(205) AT&T - COMMUNICATIONS
V 18535 P 1 DOC 2342691 - PARCEL 59

(201) ALLIANT ENERGY - ELECTRIC
NO RECORD EASEMENT - PARCEL 54
NO RECORD EASEMENT - PARCEL 62

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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11/14/2022 09:28 AM
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Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.10
AMENDMENT NO: 1

SW-SE

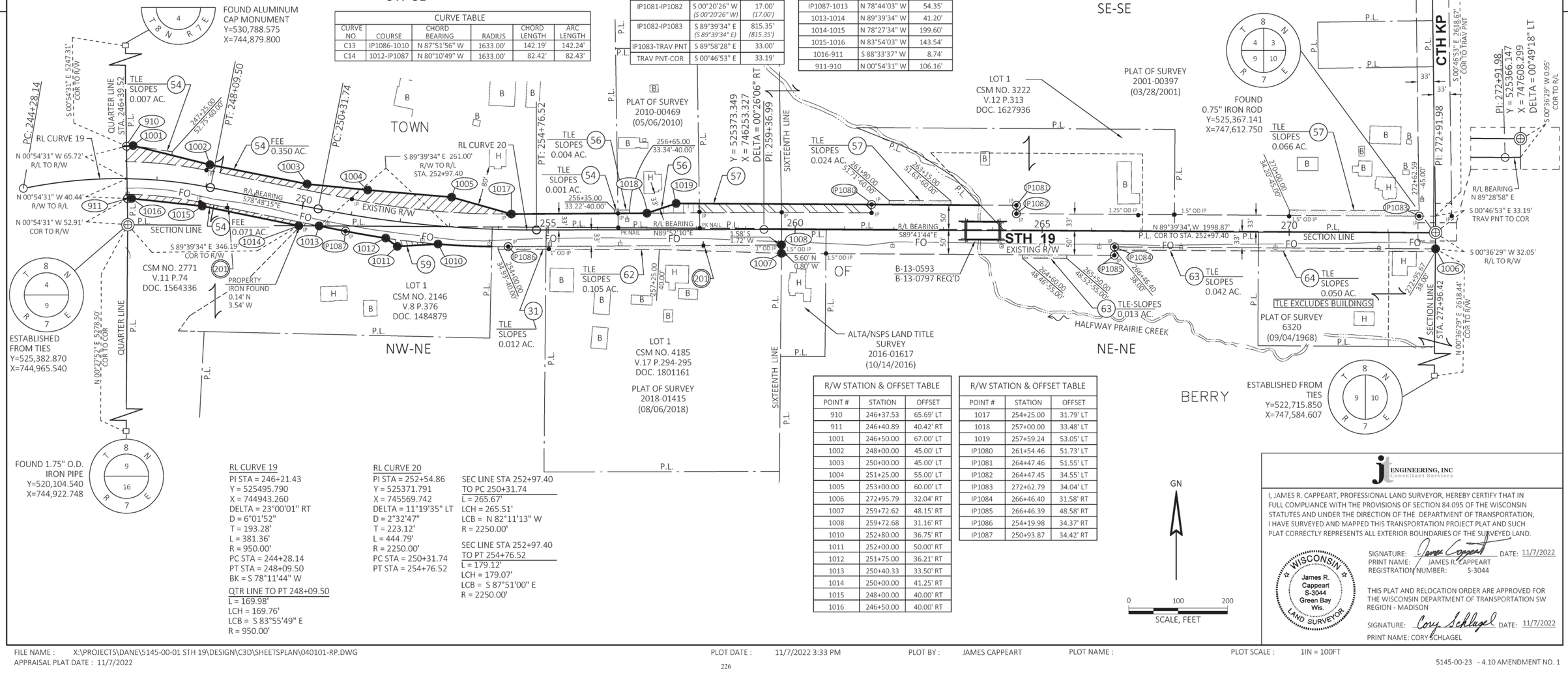
CURVE TABLE						
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C13	IP1086-1010	N 87°51'56" W	1633.00'	142.19'	142.24'
C14	1012-IP1087	N 80°10'49" W	1633.00'	82.42'	82.43'

SE-SE

NE-NE

NW-NE

BERRY



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
910	246+37.53	65.69' LT
911	246+40.89	40.42' RT
1001	246+50.00	67.00' LT
1002	248+00.00	45.00' LT
1003	250+00.00	45.00' LT
1004	251+25.00	55.00' LT
1005	253+00.00	60.00' LT
1006	272+95.79	32.04' RT
1007	259+72.62	48.15' RT
1008	259+72.68	31.16' RT
1010	252+80.00	36.75' RT
1011	252+00.00	50.00' RT
1012	251+75.00	36.21' RT
1013	250+40.33	33.50' RT
1014	250+00.00	41.25' RT
1015	248+00.00	40.00' RT
1016	246+50.00	40.00' RT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1017	254+25.00	31.79' LT
1018	257+00.00	33.48' LT
1019	257+59.24	53.05' LT
IP1080	261+54.46	51.73' LT
IP1081	264+47.46	51.55' LT
IP1082	264+47.45	34.55' LT
IP1083	272+62.79	34.04' LT
IP1084	266+46.40	31.58' RT
IP1085	266+46.39	48.58' RT
IP1086	254+19.98	34.37' RT
IP1087	250+93.87	34.42' RT

RL CURVE 19
PI STA = 246+21.43
Y = 525495.790
X = 744943.260
DELTA = 23°00'01" RT
D = 6°01'52"
T = 193.28'
L = 381.36'
R = 950.00'
PC STA = 244+28.14
PT STA = 248+09.50
BK = S 78°11'44" W

QTR LINE TO PT 248+09.50
L = 169.98'
LCH = 169.76'
LCB = S 83°55'49" E
R = 950.00'

RL CURVE 20
PI STA = 252+54.86
Y = 525371.791
X = 745569.742
DELTA = 11°19'35" LT
D = 2°32'47"
T = 223.12'
L = 444.79'
R = 2250.00'
PC STA = 250+31.74
PT STA = 254+76.52

SEC LINE STA 252+97.40
TO PC 250+31.74
L = 265.67'
LCH = 265.51'
LCB = N 82°11'13" W
R = 2250.00'

SEC LINE STA 252+97.40
TO PT 254+76.52
L = 179.12'
LCH = 179.07'
LCB = S 87°51'00" E
R = 2250.00'

JJ ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 11/7/2022
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/7/2022
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040101-RP.DWG
APPRAISAL PLAT DATE : 11/7/2022
PLOT DATE : 11/7/2022 3:33 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

5145-00-23 - 4.10 AMENDMENT NO. 1

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.11

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 4831 RECORDED IN VOLUME 21 CSM ON PAGE 215 AS DOCUMENT NO. 1912851, BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 AND THAT PART OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4, SECTION 3; AND ALSO THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 7368 RECORDED IN VOLUME 38 OF CSM ON PAGES 3-4 AS DOCUMENT NO. 2576348, BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4 AND THAT PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 10, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 94-0738, CSM 7368, POS 2725, CSM 4831, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH KP ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22.

EXISTING HIGHWAY RIGHT-OF_WAY FOR UNNAMED TOWN ROAD(BALLWEG ROAD) SHOWN HEREIN IS A PRESUMED 66' WIDTH CENTERED ON THE CENTERLINE OF THE TRAVELED WAY PER STATE STATUTE 82.31(2).

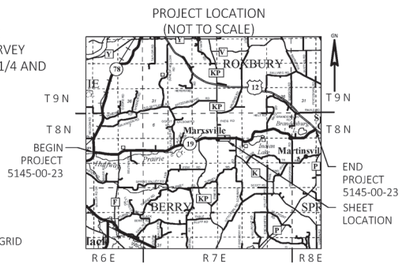
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1006	272+95.79	32.04' RT
1101	273+29.17	60.00' LT
1102	273+55.00	33.73' LT
1103	275+50.00	32.98' LT
1104	276+50.00	60.00' LT
1105	280+28.17	60.00' LT
1106	281+50.00	60.00' LT
1107	282+50.00	50.00' LT
1108	285+50.00	50.00' LT
1110	288+16.29	65.00' LT
1111	288+82.31	65.00' LT
1113	290+00.00	50.00' LT
1114	292+50.00	50.00' LT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1115	297+00.00	80.00' LT
1116	298+25.00	80.00' LT
1117	299+30.02	71.00' LT
1118	299+29.55	50.12' RT
1119	299+00.00	50.00' RT
1120	297+00.00	50.00' RT
1121	294+27.97	40.00' RT
1122	292+50.00	45.00' RT
1123	291+50.00	45.00' RT
1124	291+35.00	33.46' RT
1125	289+00.00	34.56' RT
1126	288+50.00	60.00' RT
1127	287+50.00	60.00' RT
1128	287+00.00	45.00' RT
1129	281+00.00	45.00' RT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1130	278+25.00	45.00' RT
1131	276+49.99	45.00' RT
1132	276+25.00	33.30' RT

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
64	---		---	---	---	---
65	---		---	---	---	---
66	CHAD H WEBERG AND LISA S WEBERG	FEE & TLE	0.008	0.207	0.215	0.011
67	STEVEN E & BETTY L BALLWEG	FEE	1.447	1.859	3.306	---
68	---		---	---	---	---
69	---		---	---	---	---
70	---		---	---	---	---
71	---		---	---	---	---
72	THE MATTHEW E & LAURA M THEIS REVOCABLE TRUST	FEE	0.008	0.050	0.058	---
73	DUANE L & JOYCE C HAAG	FEE & TLE	0.150	0.468	0.618	0.086
74	RONALD & JUDITH MARX IRREVOCABLE TRUST	FEE & TLE	0.420	1.247	1.667	0.064

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS

202 TDS TELECOM - COMMUNICATIONS
V 11502 P 19 DOC 2084425 - PARCEL 72
V 11502 P 19 DOC 2084425 - PARCEL 73
V 11502 P 15 DOC 2084423 - PARCEL 73
V 11502 P 17 DOC 2084424 - PARCEL 74

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664342
11/20/2020 09:34 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
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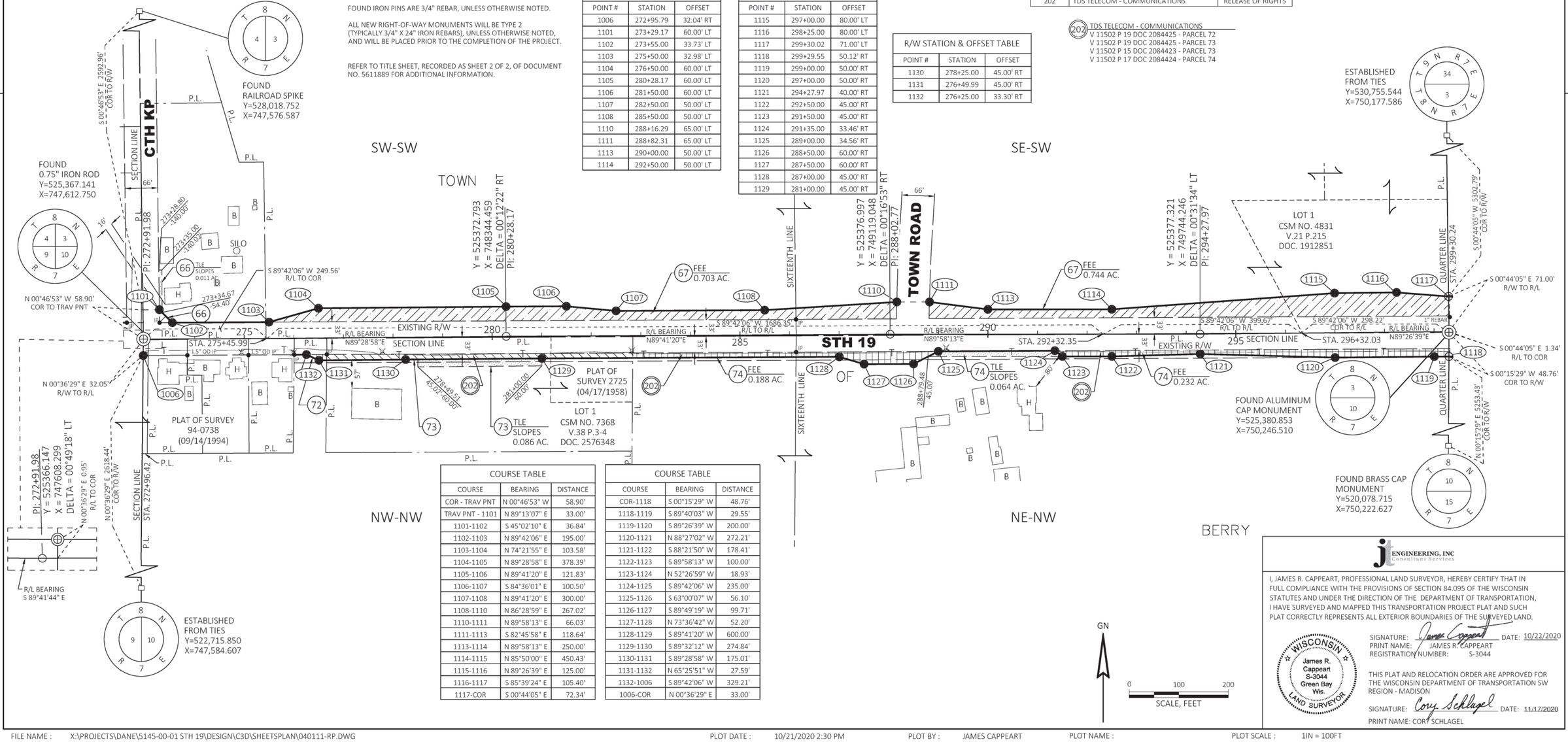
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.11
AMENDMENT NO:___



COURSE TABLE		
COURSE	BEARING	DISTANCE
COR - TRAV PNT	N 00°46'53" W	58.90'
TRAV PNT - 1101	N 89°13'07" E	33.00'
1101-1102	S 45°02'10" E	36.84'
1102-1103	N 89°42'06" E	195.00'
1103-1104	N 74°21'55" E	103.58'
1104-1105	N 89°28'58" E	378.39'
1105-1106	N 89°41'20" E	121.83'
1106-1107	S 84°36'01" E	100.50'
1107-1108	N 89°41'20" E	300.00'
1108-1110	N 86°28'59" E	267.02'
1110-1111	N 89°58'13" E	66.03'
1111-1113	S 82°45'58" E	118.64'
1113-1114	N 89°58'13" E	250.00'
1114-1115	N 85°50'00" E	450.43'
1115-1116	N 89°26'39" E	125.00'
1116-1117	S 85°39'24" E	105.40'
1117-COR	S 00°44'05" E	72.34'

COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-1118	S 00°15'29" W	48.76'
1118-1119	S 89°40'03" W	29.55'
1119-1120	S 89°26'39" W	200.00'
1120-1121	N 88°27'02" W	272.21'
1121-1122	S 88°21'50" W	178.41'
1122-1123	S 89°58'13" W	100.00'
1123-1124	N 52°26'59" W	18.93'
1124-1125	S 89°42'06" W	235.00'
1125-1126	S 63°00'07" W	56.10'
1126-1127	S 89°49'19" W	99.71'
1127-1128	N 73°36'42" W	52.20'
1128-1129	S 89°41'20" W	600.00'
1129-1130	S 89°32'12" W	274.84'
1130-1131	S 89°28'58" W	175.01'
1131-1132	N 65°25'51" W	27.59'
1132-1006	S 89°42'06" W	329.21'
1006-COR	N 00°36'29" E	33.00'

jt ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/21/2020 2:30 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.12

THAT PART OF LOT 2 OF CERTIFIED SURVEY MAP 8408 RECORDED IN VOLUME 45 CSM ON PAGES 301-303 AS DOCUMENT NO. 2812571, BEING IN AND INCLUDING PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THAT PART OF LOT 2 OF CERTIFIED SURVEY MAP 7403 RECORDED IN VOLUME 38 OF CSM ON PAGES 86-90 AS DOCUMENT NO. 2586168, BEING IN PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 3; AND THAT PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 AND THE NORTHEAST 1/4 OF THE NORTHEAST 1/4 OF SECTION 10, ALL IN TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

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POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 96-0135, CSM 8408, CSM 7403, POS M2622, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH K ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND COUNTY HIGHWAY SURVEY PROJECT 611-7243.

EXISTING HIGHWAY RIGHT-OF-WAY FOR WEATHERWOOD RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 8408.

EXISTING HIGHWAY RIGHT-OF-WAY FOR LILAC LN ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND SECTION LINE.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING ACCESS CONTROL ESTABLISHED FROM CSM 4620 AND DOCUMENT 3196854.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
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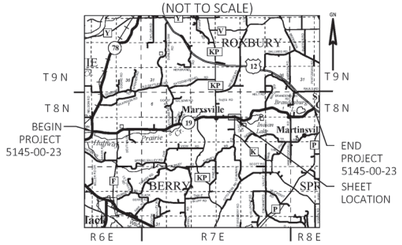

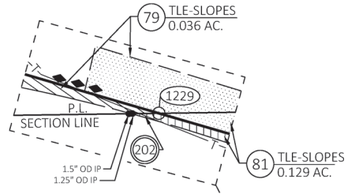

202 TDS TELECOM - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 77
NO RECORD EASEMENT - PARCEL 79
NO RECORD EASEMENT - PARCEL 81
NO RECORD EASEMENT - PARCEL 82
V 11502 P 83 DOC 2084457 - PARCEL 83
NO RECORD EASEMENT - PARCEL 84

204 MADISON GAS & ELECTRIC - ELECTRIC
V 14343 P 36 DOC 2206440 - PARCEL 76
DOC 2835703 - PARCEL 77
DOC 2866613 - PARCEL 79
NO RECORD EASEMENT - PARCEL 82

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
76	PAUL V & CAROL M KNOPP	FEE & TLE	0.381	0.384	0.765	0.017
77	ALEXANDER J GEMRICH & SARAH L CRITTENDEN	FEE	0.103	0.106	0.209	---
78	LINDA L LEESE	FEE & TLE	0.448	0.448	0.896	0.023
79	HOWARD S WAGNER	FEE & TLE	0.008	0.012	0.020	0.036
80	---		---	---	---	---
81	VENDOR: MERLIN J & OPAL G MARSHALL VENDEE: JOHN v KRUCHTEN & SASHA M. R. CHANDLER	FEE & TLE	0.065	0.303	0.368	0.129
82	UPPER LLC	FEE & TLE	0.385	0.712	1.097	0.122
83	DONALD J & CONNIE L KETELBOETER	FEE	0.570	0.868	1.438	---
84	THE MATHEW E & LAURA M THEIS REVOCABLE TRUST	FEE	0.784	0.908	1.692	---
85	---		---	---	---	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC - ELECTRIC	RELEASE OF RIGHTS

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664343
11/20/2020 09:34 AM
Trans Fee:
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Rec. Fee: 25.00
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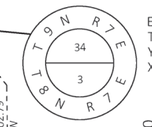


ESTABLISHED FROM TIES
Y=530,755.544
X=750,177.586

PLAT OF SURVEY 96-0135 (02/05/1996)

TOWN

SW-SE

LOT 2 CSM NO. 8408 V.45 P.301-303 DOC. 2812571

LOT 1 CSM NO. 8408 V.45 P.301-303 DOC. 2812571

JOINT DRIVEWAY INGRESS/EGRESS EASEMENT AND UTILITY EASEMENT DOC.2786872 WIDTH VARIES

INGRESS/EGRESS EASEMENT PER POS 96-0730 WIDTH VARIES

FKA LOT 1 CSM NO. 4620 V.20 P.167-168 DOC. 1874846

LOT 2 CSM NO. 7403 V.38 P.86-90 DOC. 2586168

SE-SE

INGRESS/EGRESS AND SEPTIC FIELD EASEMENT PER CSM 7403 WIDTH VARIES

TLE EXCLUDES BUILDINGS

TLE-SLOPES 0.017 AC.

TLE-SLOPES 0.023 AC.

TLE-SLOPES 0.036 AC.

TLE-SLOPES 0.129 AC.

TLE-SLOPES 0.122 AC.

PLAT OF SURVEY M2622 (07/26/1990)

N 00°44'05" W 71.00' R/L TO R/W

N 00°44'05" W 1.34' COR TO R/L

N 00°15'29" E 48.76' R/W TO COR

QUARTER LINE

S 0°44'05" E 5302.79' COR TO R/W

N 0°15'29" E 5303.45' COR TO R/W

PI: 301+46.44
Y = 525384.290
X = 750462.680
DELTA = 00°20'45" LT

STA. 299+30.24

1" REBAR

300 R/L BEARING N89°26'39"E 33'

305 EXISTING R/W 33'

310 R/L BEARING N89°05'54"E 33'

STA. 311+43.33

N 89°12'38" E 1213.04' COR TO R/L

N 89°12'38" E 237.93' R/L STA. 311+43.33 TO R/W

STH 19

SECTION LINE

P.L.

OF

CTH K

SIXTEENTH LINE

WEATHERWOOD RD

66'

90'

RL CURVE 21

RL CURVE 22

RL CURVE 23

PC: 310+71.79

PT: 314+69.25

PC: 316+31.55

PT: 318+08.21

PC: 323+30.70

PT: 327+44.03

315 S69°25'05"E

320 S74°28'44"E

325

NW-NE

NE-NE

BERRY

LILAC LN

49.5'

FOUND ALUMINUM CAP MONUMENT
Y=525,380.853
X=750,246.510

FOUND BRASS CAP MONUMENT
Y=520,078.715
X=750,222.627

FOUND 1" O.D. IRON PIPE
Y=528,087.116
X=752,864.592

S 00°27'52" E 2669.98' COR TO COR

FOUND BRASS CAP MONUMENT
Y=525,417.223
X=752,886.235

S 89°12'38" W 1189.01' COR TO R/W 2639.98' COR TO COR

S 00°03'50" W 411.57' COR TO R/W

S 00°03'50" W 52.83' R/W TO R/L

S 00°03'50" W 180.62' R/L TO R/W

N 00°03'50" E 2023.67' COR TO R/W

FOUND BRASS CAP MONUMENT
Y=522,748.534
X=752,883.255

COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-1117	N 00°44'05" W	72.34'
1117-1201	S 85°39'24" E	70.24'
1201-1202	N 89°18'03" E	249.61'
1202-1203	S 89°45'21" E	250.05'
1203-1204	N 80°00'29" E	126.59'
1204-1205	S 84°33'42" E	226.38'
1205-1206	N 88°43'51" E	304.36'
1206-1207	S 78°09'36" E	93.74'
1207-1208	S 75°52'30" E	66.95'
1208-1229	S 73°46'45" E	74.05'
1229-1209	S 73°46'45" E	105.29'
1209-1210	S 69°25'05" E	125.00'
1210-1213	S 74°25'56" E	495.68'
1213-1214	S 71°36'59" E	200.25'
1214-1215	S 80°56'26" E	158.62'
1215-1216	S 55°26'19" E	177.47'
1216-1217	S 00°03'50" W	233.45'
1217-1218	N 10°10'56" W	134.42'
1218-1219	N 64°18'33" W	236.65'
1219-1220	N 74°27'56" W	699.55'
1220-1221	N 66°42'00" W	273.73'
1221-IP1280	S 52°36'56" W	129.82'
IP1280-IP1281	N 82°19'44" W	90.73'
IP1281-1222	N 43°45'09" W	131.90'
1222-1223	N 88°20'29" W	221.83'
1223-1118	S 89°40'03" W	970.80'
1118-COR	N 00°15'29" E	48.76'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1117	299+30.02	71.00' LT
1118	299+29.55	50.12' RT
1201	300+00.00	65.00' LT
1202	302+50.00	65.00' LT
1203	305+00.00	60.00' LT
1204	306+25.00	80.00' LT
1205	308+50.00	55.00' LT
1206	311+50.00	60.00' LT
1207	312+38.63	50.00' LT
1208	313+02.54	45.00' LT
1209	314+75.00	45.00' LT
1210	316+00.00	45.00' LT
1213	321+00.00	55.00' LT
1214	323+00.00	45.00' LT
1215	324+50.00	70.00'LT
1216	326+16.84	44.97' LT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1217	327+54.84	147.44' RT
1218	326+50.00	53.62' RT
1219	324+00.00	55.00' RT
1220	317+00.00	60.00' RT
1221	314+26.81	45.00' RT
1222	311+25.00	67.11' RT
1223	309+00.00	58.45' RT
1229	313+73.62	41.47' LT
IP1280	313+41.51	149.26' RT
IP1281	312+35.73	154.25' RT

RL CURVE 21
PI STA = 312+72.88
Y = 525402.017
X = 751588.983
DELTA = 21°29'01" RT
D = 5°24'19"
T = 201.09'
L = 397.46'
R = 1060.00'
PC STA = 310+71.79
PT STA = 314+69.25

RL CURVE 22
PI STA = 317+19.94
Y = 525243.195
X = 752011.927
DELTA = 5°03'39" LT
D = 2°51'53"
T = 88.39'
L = 176.66'
R = 2000.00'
PC STA = 316+31.55
PT STA = 318+08.21

RL CURVE 23
PI STA = 325+40.03
Y = 525023.714
X = 752802.220
DELTA = 22°20'31" RT
D = 5°24'19"
T = 209.33'
L = 413.34'
R = 1060.00'
PC STA = 323+30.70
PT STA = 327+44.03
AH = S52°08'13"E

SEC LINE STA. 311+43.33 TO PT 314+69.25
L = 325.92'
LCH = 324.63'
LCB = S 78°13'35" E
R = 1060.00'

SEC LINE STA. 311+43.33 TO PC 310+71.79
L = 71.54'
LCH = 71.53'
LCB = N 88°58'05" W
R = 1060.00'

SEC LINE STA 326+43.99 TO PC 323+30.70
L = 313.29'
LCH = 312.15'
LCB = N 66°00'43" W
R = 1060.00'

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

GN

0 100 200
SCALE, FEET

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP.DWG
PLOT DATE : 10/21/2020 2:48 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1IN = 100FT
APPRAISAL PLAT DATE : 10/22/2020

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.13

THAT PART OF LOT 2 OF CERTIFIED SURVEY MAP 1251 RECORDED IN VOLUME 5 CSM ON PAGE 172 AS DOCUMENT NO. 1375329; AND THAT PART OF LOTS 1 AND 2 OF CERTIFIED SURVEY MAP 7158 RECORDED IN VOLUME 36 CSM ON PAGES 174-175 AS DOCUMENT NO. 2490724; BOTH BEING IN AND INCLUDING A PART OF THE NORTHWEST ¼ OF THE NORTHWEST ¼ AND THAT PART OF THE NORTHEAST ¼ OF THE NORTHWEST ¼, SECTION 11, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 7158. CSM 1251, AND POS 8130-L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR LILAC LN ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND SECTION LINE.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

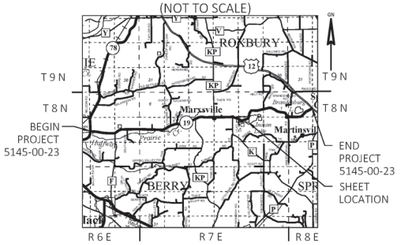
EXISTING ACCESS CONTROL ESTABLISHED FROM CSM 1251.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
86	MONTANA & AJA LEFEBVRE	FEE	0.021	---	0.021	---
87	ARLAN K & LORENE E KETELBOETER	FEE & TLE	0.487	---	0.487	0.397
88	WILLIAM & VELMA J KETELBOETER	FEE & TLE	0.118	0.224	0.342	0.129
89	THE SANDRA L STEWART TRUST	FEE & TLE	0.305	0.836	1.141	0.576
90	---	---	---	---	---	---
91	COUNTY OF DANE	FEE & TLE	0.777	1.262	2.039	0.448

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC - ELECTRIC	RELEASE OF RIGHTS

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664345
11/20/2020 09:35 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.13
AMENDMENT NO:___

COURSE TABLE		
COURSE	BEARING	DISTANCE
1216-1301	S 55°26'19" E	138.47'
1301-1302	S 52°14'51" E	248.27'
1302-1303	S 62°30'45" E	186.51'
1303-1304	S 78°52'57" E	186.51'
1304-1305	N 84°44'50" E	186.51'
1305-1306	N 67°24'22" E	187.94'
1306-1307	N 61°57'16" E	200.01'
1307-1308	N 66°56'37" E	197.99'
1308-1309	N 75°05'53" E	110.12'
1309-1310	N 80°13'20" E	102.26'
1310-1311	N 72°10'04" E	145.49'
1311-1312	N 62°41'20" E	119.37'
1312-1313	N 52°23'24" E	118.76'
1313-1314	N 42°02'19" E	139.24'
1314-1315	N 32°32'07" E	92.60'
1315-1316	N 23°01'54" E	87.33'

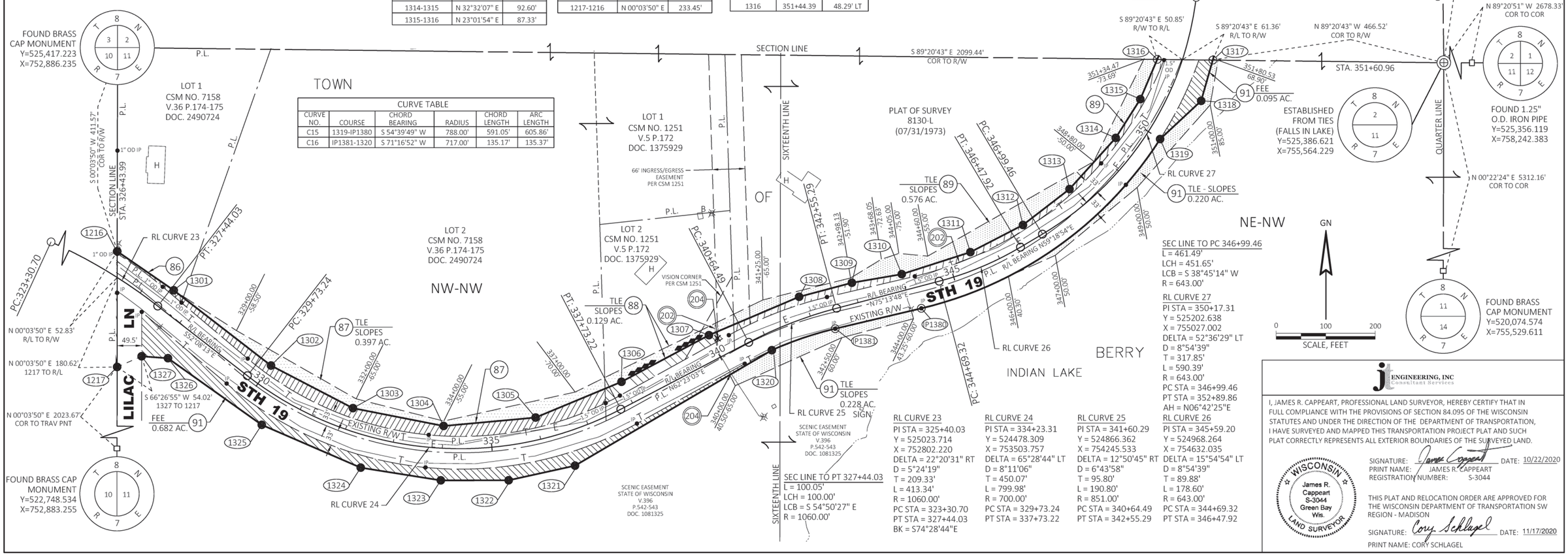
COURSE TABLE		
COURSE	BEARING	DISTANCE
1316-1317	S 89°20'43" E	112.21'
1317-1318	S 15°58'26" W	85.57'
1318-1319	S 47°00'17" W	113.26'
1319-IP1380	SEE CURVE TABLE C15	
IP1380-IP1381	S 76°41'24" W	178.61'
IP1381-1320	SEE CURVE TABLE C16	
1320-1321	S 59°35'49" W	460.70'
1321-1322	S 77°35'07" W	137.32'
1322-1323	S 89°54'01" W	136.96'
1323-1324	N 80°55'44" W	163.62'
1324-1325	N 66°36'18" W	217.83'
1325-1326	N 54°37'44" W	232.18'
1326-1327	N 85°47'22" W	53.23'
1327-1217	S 66°26'55" W	54.02'
1217-1216	N 00°03'50" E	233.45'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1216	326+16.84	44.97' LT
1217	327+54.84	147.44' RT
1301	327+50.00	45.00' LT
1302	330+00.00	45.00' LT
1303	332+00.00	45.00' LT
1304	334+00.00	45.00' LT
1305	336+00.00	45.00' LT
1306	338+00.00	48.50' LT
1307	340+00.00	50.00' LT
1308	341+91.27	44.18' LT
1309	342+98.13	41.90' LT
1310	344+00.00	33.00' LT
1311	345+50.00	36.00' LT
1312	346+75.00	36.00' LT
1313	348+00.00	43.00' LT
1314	349+50.00	47.00' LT
1315	350+50.00	47.00' LT
1316	351+44.39	48.29' LT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1317	351+77.90	58.75' RT
1318	351+00.00	65.00' RT
1319	350+00.00	28.16' RT
1320	341+00.00	34.99' RT
1321	336+50.00	70.00' RT
1322	335+25.00	70.00' RT
1323	334+00.00	65.00' RT
1324	332+50.00	65.00' RT
1325	330+50.00	65.00' RT
1326	328+25.00	70.50' RT
1327	327+80.69	100.00' RT
IP1380	344+20.61	43.78' RT
IP1381	342+41.42	39.12' RT

202 TDS TELECOM - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 88
NO RECORD EASEMENT - PARCEL 89

204 MADISON GAS & ELECTRIC - ELECTRIC
V 54 P 639 DOC 1416255 - PARCEL 86
V 477 P 227 DOC 1380812 - PARCEL 88
V 13639 P 14 DOC 2176134 - PARCEL 91



JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/21/2020 3:16 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.14

THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, AND THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 OF SECTION 2, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 93-0804, POS 2004-00965, POS 2010-00675, POS 2006-00363, AND POS 2005-01440.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664348
11/20/2020 09:39 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

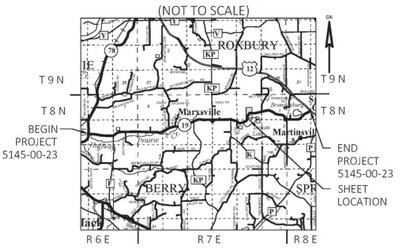
RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.14
AMENDMENT NO:___

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1316	351+44.39	48.29' LT
1317	351+77.90	58.75' RT
1401	352+00.00	43.00' LT
1402	353+50.00	36.00' LT
1403	356+25.00	42.00' LT
1404	358+90.00	60.00' LT
1405	361+00.00	57.00' LT
1406	363+75.00	45.00' LT
1407	365+50.00	33.00' LT
1408	366+00.00	70.00' LT
1409	366+71.71	70.77' LT
1410	365+67.92	45.17' RT
1411	360+50.00	35.63' RT
1412	359+75.00	50.00' RT
1413	358+00.00	55.00' RT
1414	356+00.00	75.00' RT
1415	355+00.00	60.00' RT
1416	352+25.00	60.00' RT
IP1480	364+85.56	42.74' RT
IP1481	361+04.09	35.81' RT

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS

(202) TDS TELECOM - COMMUNICATIONS
NO RECORDED EASEMENT - PARCEL 89
NO RECORDED EASEMENT - PARCEL 92
NO RECORDED EASEMENT - PARCEL 93
V 11503 P 65 DOC 2084497 - PARCEL 96

PROJECT LOCATION
(NOT TO SCALE)



RL CURVE 27
PI STA = 350+17.31
Y = 525202.638
X = 755027.002
DELTA = 52°36'29" LT
D = 8°54'39"
T = 317.85'
L = 590.39'
R = 643.00'
PC STA = 346+99.46
PT STA = 352+89.86
BK = N59°18'54"E
SEC LINE TO PT: 352+89.86
L = 128.90'
LCH = 128.68'
LCB = N 12°26'59" E
R = 643.00'

RL CURVE 28
PI STA = 358+55.28
Y = 526079.865
X = 755130.159
DELTA = 24°39'24" RT
D = 5°24'19"
T = 231.67'
L = 456.16'
R = 1060.00'
PC STA = 356+23.61
PT STA = 360+79.78

RL CURVE 29
PI STA = 368+69.48
Y = 526951.991
X = 755661.748
DELTA = 66°39'23" RT
D = 8°54'39"
T = 422.82'
L = 748.05'
R = 643.00'
PC STA = 364+46.65
PT STA = 371+94.70
AH = S81°58'48"E
QTR LINE TO PC 364+46.65
L = 168.06'
LCH = 167.58'
LCB = N 38°51'04" E
R = 643.00'

COURSE TABLE		
COURSE	BEARING	DISTANCE
1316-1401	N 23°01'54" E	51.92'
1401-1402	N 11°48'57" E	144.29'
1402-1403	N 05°27'27" E	275.12'
1403-1404	N 10°15'18" E	277.60'
1404-1405	N 27°28'58" E	220.18'
1405-1406	N 33°51'44" E	275.26'
1406-1407	N 37°56'02" E	181.03'
1407-1408	N 08°23'52" E	65.44'
1408-1409	N 47°40'04" E	79.52'
1409-1410	S 00°44'53" E	156.65'
1410-IP1480	SEE CURVE TABLE C17	
IP1480-IP1481	S 32°34'38" W	378.95'
IP1481-1411	SEE CURVE TABLE C18	
1411-1412	S 16°26'29" W	73.37'
1412-1413	S 19°15'10" W	166.22'
1413-1414	S 04°51'48" W	190.18'
1414-1415	S 15°14'15" W	101.12'
1415-1416	S 07°26'08" W	280.95'
1416-1317	S 15°58'26" W	51.45'
1317-1316	N 89°20'43" W	112.21'

CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C17	1410-IP1480	S 40°18'51" W	284.89'	76.71'	76.94'
C18	IP1481-1411	S 31°07'19" W	1045.16'	53.09'	53.09'

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T1400	364+75.00	43.05' RT
T1401	364+75.00	50.00' RT
T1402	365+51.17	59.11' RT

SCHEDULE OF LANDS & INTERESTS REQUIRED						
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
89	THE SANDRA L STEWART TRUST	FEE & TLE	0.025	0.070	0.095	0.048
90	---		---	---	---	---
91	COUNTY OF DANE	FEE & TLE	0.234	0.330	0.564	0.041
92	KUELER BERRY PROPERTY 1 LLC	FEE & TLE	0.560	1.027	1.587	0.829
93	WILLIAM J & MICHELLE A KUELER	FEE	0.058	0.007	0.065	---
94	BARBARA A TARPLEY & R ALAN WILLIAMS	FEE	3 SQFT	---	3 SQFT	---
95	---		---	---	---	---
96	LAWRENCE A & KATHLEEN A VAN EPPS	FEE & TLE	0.221	0.735	0.956	0.040

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

FOUND BRASS CAP MONUMENT
Y=525,417.223
X=752,886.235

FOUND 0.75" REBAR
Y=530,696.740
X=755,494.908

ESTABLISHED FROM TIES (FALLS IN LAKE)
Y=525,386.621
X=755,564.229

FOUND 1.25" O.D. IRON PIPE
Y=525,356.119
X=758,242.383

FOUND BRASS CAP MONUMENT
Y=520,074.574
X=755,529.611

0 100 200
SCALE, FEET

JT ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

5145-00-23 - 4.14
1IN = 100FT
PLOT SCALE :
PLOT NAME : James Cappeart
PLOT BY : 10/21/2020 3:23 PM
PLOT DATE :
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP DWG
APPRAISAL PLAT DATE : 10/22/2020

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.15

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 562 RECORDED IN VOLUME 3 CSM ON PAGE 68 AS DOCUMENT NO. 1294146; AND THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4, THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4, AND THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 2, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 2004-00965, POS 2010-00675, POS 1997-00851, POS 8987, AND CSM 562.

EXISTING HIGHWAY RIGHT-OF-WAY FOR MATZ RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND CSM 562.

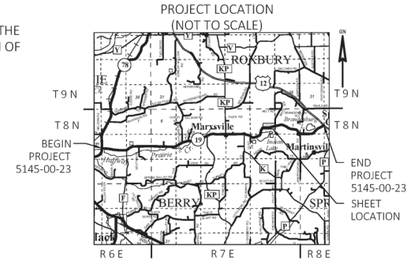
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
93	WILLIAM J & MICHELLE A KUELER	FEE	0.031	0.043	0.074	---
94	BARBARA A TARPLEY & R ALAN WILLIAMS	FEE	4.911	0.981	5.892	---
95	---		---	---	---	---
96	LAWRENCE A & KATHLEEN A VAN EPPS	FEE &TLE	---	1.027	1.027	0.017
97	---		---	---	---	---
98	JOHN L & MARJORIE M UPHOFF	FEE	0.023	0.120	0.143	---
91	COUNTY OF DANE	FEE & TLE	3.148	1.826	4.974	1.248

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC CO - ELECTRIC	RELEASE OF RIGHTS

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664349
11/20/2020 09:39 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
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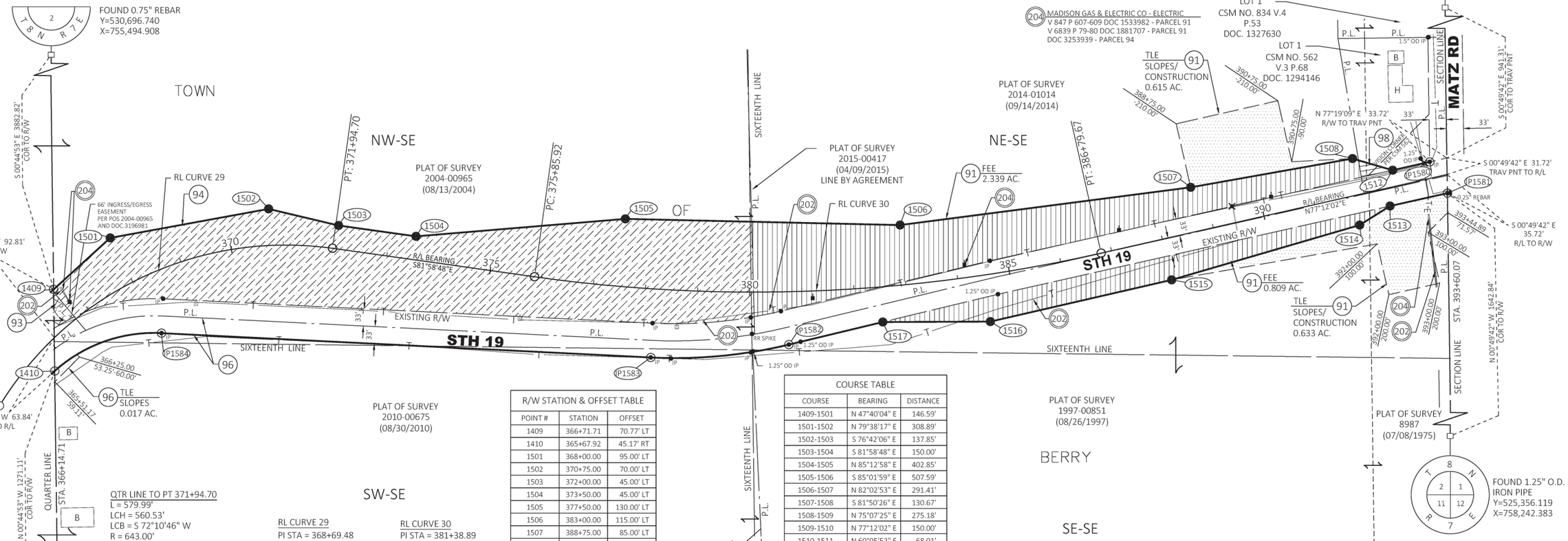
PROJECT NUMBER 5145-00-23 - 4.15
AMENDMENT NO:___



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1409	366+71.71	70.77' LT
1410	365+67.92	45.17' RT
1501	368+00.00	95.00' LT
1502	370+75.00	70.00' LT
1503	372+00.00	45.00' LT
1504	373+50.00	45.00' LT
1505	377+50.00	130.00' LT
1506	383+00.00	115.00' LT
1507	388+75.00	85.00' LT
1508	391+90.00	70.00' LT
1512	392+60.00	31.25' LT
1513	392+40.00	34.71' RT
1514	391+75.00	57.42' RT
1515	388+00.00	80.00' RT
1516	384+50.00	90.00' RT
1517	382+50.00	67.34' RT
IP1580	393+32.87	31.10' LT
IP1581	393+52.66	34.95' RT
IP1582	380+72.92	101.44' RT
IP1583	378+18.38	131.65' RT
IP1584	368+04.97	112.40' RT

COURSE TABLE		
COURSE	BEARING	DISTANCE
1409-1501	N 47°40'04" E	146.59'
1501-1502	N 79°38'17" E	308.89'
1502-1503	S 76°42'06" E	137.85'
1503-1504	S 81°58'48" E	150.00'
1504-1505	N 85°12'58" E	402.85'
1505-1506	S 85°01'59" E	507.59'
1506-1507	N 82°02'53" E	291.41'
1507-1508	S 81°50'26" E	130.67'
1508-1509	N 75°07'25" E	275.18'
1509-1510	N 77°12'02" E	150.00'
1510-1511	N 60°05'52" E	68.01'
1511-1512	S 73°49'47" E	80.01'
1512-IP1580	N 77°19'09" E	72.93'
IP1580-TRAV PNT	N 77°23'33" E	33.71'
TRAV PNT-IP1581	S 00°49'42" E	67.39'
IP1581-1513	S 77°19'09" W	112.66'
1513-1514	S 57°56'36" W	68.85'
1514-1515	S 73°45'17" W	375.68'
1515-1516	S 77°02'35" W	356.64'
1516-1517	S 89°46'25" W	206.44'
1517-IP1582	S 76°27'35" W	185.18'
IP1582-IP1583	SEE CURVE TABLE C19	
IP1583-IP1584	N 87°08'49" W	939.69'
IP1584-1410	SEE CURVE TABLE C20	
1410-1409	N 00°44'53" W	156.65'

CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C19	IP1582-IP1583	S 84°39'23" W	933.00'	266.04'	266.95'
C20	IP1584-1410	S 70°27'07" W	284.89'	217.13'	222.77'

JJ ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/27/2020 10:44 AM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.16

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 12074 RECORDED IN VOLUME 74 CSM ON PAGES 228-230 AS DOCUMENT NO. 4283405 BEING IN AND INCLUDING A PART OF THE NORTHWEST 1/4 OF THE SOUTHWEST 1/4, AND THAT PART OF THE THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4 AND THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 , SECTION 1, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 12074, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR MATZ RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 12074, CSM 834, AND CSM 9042.

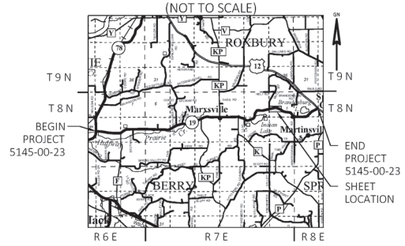
FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

PROJECT LOCATION
(NOT TO SCALE)



SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
100	---		---	---	---	---
101	WILLIAM C & KATHLEEN L BLADL	FEE & TLE	1.709	0.905	2.614	0.041
102	MAHALA L KRUTCHEN	FEE & TLE	3.717	3.392	7.109	0.050
103	DRESEN BROTHERS FARM LLC	FEE	0.018	---	0.018	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC CO - ELECTRIC	RELEASE OF RIGHTS

(202) TDS TELECOM - COMMUNICATIONS
V 2172 P 86 DOC 1677417 - PARCEL 102

(204) MADISON GAS & ELECTRIC CO - ELECTRIC
DOC 4459435 - PARCEL 101
NO RECORD EASEMENT - PARCEL 102

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
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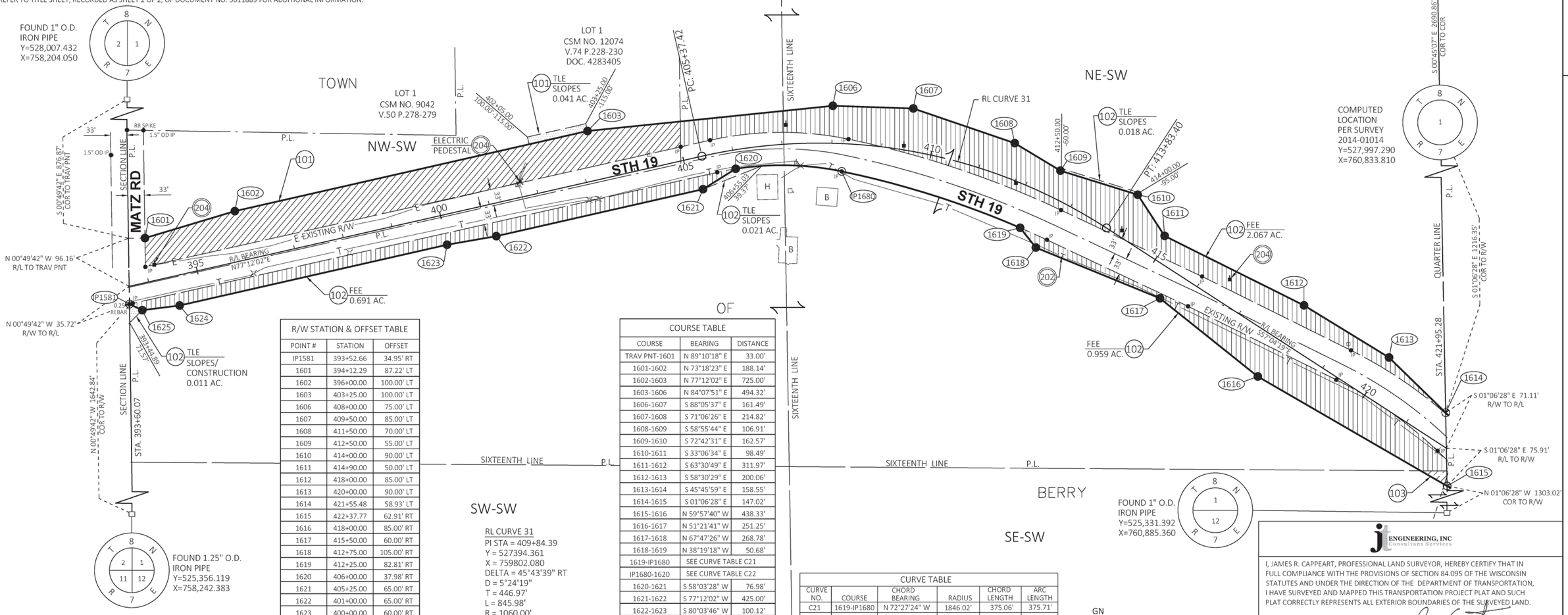
PROJECT NUMBER 5145-00-23 - 4.16
AMENDMENT NO:___



R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
IP1581	393+52.66	34.95' RT
1601	394+12.29	87.22' LT
1602	396+00.00	100.00' LT
1603	403+25.00	100.00' LT
1606	408+00.00	75.00' LT
1607	409+50.00	85.00' LT
1608	411+50.00	70.00' LT
1609	412+50.00	55.00' LT
1610	414+00.00	90.00' LT
1611	414+90.00	50.00' LT
1612	418+00.00	85.00' LT
1613	420+00.00	90.00' LT
1614	421+55.48	58.93' LT
1615	422+37.77	62.91' RT
1616	418+00.00	85.00' RT
1617	415+50.00	60.00' RT
1618	412+75.00	105.00' RT
1619	412+25.00	82.81' RT
1620	406+00.00	37.98' RT
1621	405+25.00	65.00' RT
1622	401+00.00	65.00' RT
1623	400+00.00	60.00' RT
1624	394+50.00	60.00' RT
1625	393+75.00	52.50' RT
IP1680	408+22.30	55.76' RT

COURSE TABLE

COURSE	BEARING	DISTANCE
TRAV PNT-1601	N 89°10'18" E	33.00'
1601-1602	N 73°18'23" E	188.14'
1602-1603	N 77°12'02" E	725.00'
1603-1606	N 84°07'51" E	494.32'
1606-1607	S 88°05'37" E	161.49'
1607-1608	S 71°06'26" E	214.82'
1608-1609	S 58°55'44" E	106.91'
1609-1610	S 72°42'31" E	162.57'
1610-1611	S 33°06'34" E	98.49'
1611-1612	S 63°30'49" E	311.97'
1612-1613	S 58°30'29" E	200.06'
1613-1614	S 45°45'59" E	158.55'
1614-1615	S 01°06'28" E	147.02'
1615-1616	N 59°57'40" W	438.33'
1616-1617	N 51°21'41" W	251.25'
1617-1618	N 67°47'26" W	268.78'
1618-1619	N 38°19'18" W	50.68'
1619-IP1680	SEE CURVE TABLE C21	
IP1680-1620	SEE CURVE TABLE C22	
1620-1621	S 58°03'28" W	76.98'
1621-1622	S 77°12'02" W	425.00'
1622-1623	S 80°03'46" W	100.12'
1623-1624	S 77°12'02" W	550.00'
1624-1625	S 82°54'40" W	75.37'
1625-IP1581	N 64°38'40" W	28.41'
IP1581-TRAV PNT	N 00°49'42" W	131.88'

RL CURVE 31
PI STA = 409+84.39
Y = 527394.361
X = 759802.080
DELTA = 45°43'39" RT
D = 5°24'19"
T = 446.97'
L = 845.98'
R = 1060.00'
PC STA = 405+37.42
PT STA = 413+83.40

CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C21	1619-IP1680	N 72°27'24" W	1846.02'	375.06'	375.71'
C22	IP1680-1620	N 88°38'31" W	592.00'	212.81'	213.98'

JL ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/22/2020 10:46 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

COMPUTED LOCATION PER SURVEY 2014-01014 Y=527,997.290 X=760,833.810

FOUND 1.5" SQUARE IRON ROD Y=530,687.919 X=760,798.497

S 00°45'07" E 2690.86' COR TO COR

S 01°06'28" E 1216.35' COR TO R/W

N 01°06'28" W 71.11' R/L TO R/W

N 01°06'28" W 75.91' R/W TO R/L

N 01°06'28" W 1303.02' COR TO R/W

FEE - 0.001 AC.

24.75' RIGHT OF WAY FOR PRIVATE ROAD V.254 P.538 DOC.370419

SILO

TLE EXCLUDES BUILDINGS

PC: 423+53.85

423+53.85 57.49'

R/L BEARING S57°14'19"E

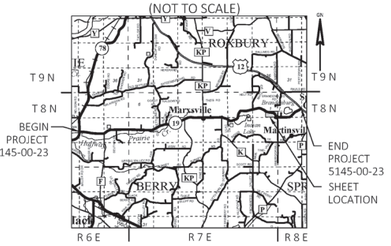
QUARTER LINE STA. 421+95.28

PLAT OF SURVEY 3036 (03/15/1963)

RL CURVE 32

FOUND 1" O.D. IRON PIPE Y=525,331.392 X=760,885.360

PROJECT LOCATION (NOT TO SCALE)



NW-SE

SIXTEENTH LINE

TOWN

SW-SE

OF

SE-SE

P.L.

EXISTING R/W

STH 19

R/L BEARING S82°34'16"E

PT: 430+70.37

PC: 438+90.05

PT: 444+41.14

103 FEE - 0.001 AC.

103 TLE SLOPES 0.283 AC.

103 TLE SLOPES 0.283 AC.

103 FEE 0.611 AC.

103 TLE SLOPES 0.141 AC.

103 FEE 3.401 AC.

104 TLE SLOPES 0.346 AC.

104 PLE - ROADWAY 0.014 AC.
TLE - SLOPES 0.017 AC.

106 PLE - ROADWAY 0.030 AC.

106 TLE SLOPES 0.086 AC.

202 TDS TELECOM - COMMUNICATIONS
V 2173 P 26 DOC 1677425 - PARCEL 103
V 11502 P 91 DOC 2084461 - PARCEL 103
DOC 3167494 - PARCEL 103
DOC 3269928 - PARCEL 103
DOC 4285996 - PARCEL 103
V 11503 P 57 DOC 2084493 - PARCEL 107

204 MADISON GAS & ELECTRIC CO - ELECTRIC
V 23482 P 42 DOC 2487842 - PARCEL 103
DOC 4094594 - PARCEL 103
NO RECORD EASEMENT - PARCEL 106

LOT 1 CSM NO. 2928 V.11 P.315-316 DOC. 1586581

RL CURVE 33

RL CURVE 34

FOUND BRASS CAP MONUMENT Y=527,942.440 X=763,499.390

TOWN OF BERRY
TOWN OF SPRINGFIELD

SECTION LINE

S 00°45'17" E 2466.18' COR TO R/W

STA. 452+85.56

S 00°45'17" E 37.83' R/W TO R/L

S 00°45'17" E 60.66' R/L TO R/W

N 00°45'17" W 92.07' COR TO R/W

N 50°45'59" W 33.00' TRAV PNT TO R/W

N 51°08'03" W 33.00' R/W TO TRAV PNT

S 39°01'49" W 91.03' TRAV PNT TO TRAV PNT

WHIPPOORWILL RD

BERRY

SECTION LINE

FOUND ALUMINUM CAP MONUMENT Y=525,285.940 X=763,534.380

GN

0 100 200

SCALE, FEET

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			PLE ACRES	TLE ACRES
			NEW	EXISTING	TOTAL		
103	DRESEN BROTHERS FARM LLC	FEE & TLE	4.013	3.046	7.059	---	0.424
104	NATHANIEL L & ELDORA K LUICK	FEE, PLE, & TLE	0.273	1.023	1.296	0.014	0.363
105			---	---	---	---	---
106	STARCZYNSKI LLC	PLE & TLE	---	---	---	0.030	0.086
107	BRIAN R GARDNER	FEE	0.254	0.438	0.692	---	---

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC CO - ELECTRIC	RELEASE OF RIGHTS

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT # 5664736
11/20/2020 12:36 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.17
AMENDMENT NO:___

COURSE TABLE

COURSE	BEARING	DISTANCE
1614-1701	S 45°45'59" E	86.92'
1701-IP1780	S 46°10'56" E	45.72'
IP1780-1702	SEE CURVE TABLE C23	
1702-1703	S 58°11'56" E	99.10'
1703-1704	S 65°29'30" E	195.52'
1704-1705	S 77°40'19" E	385.66'
1705-1706	S 80°46'06" E	1006.02'
1706-1707	S 67°44'30" E	219.06'
1707-1708	S 46°02'29" E	220.88'
1708-IP1781	S 28°05'40" E	170.57'
IP1781-IP1782	S 31°24'48" E	211.13' *(210.82')*
IP1782-IP1783	SEE CURVE TABLE C24	
IP1783-IP1784	S 66°52'50" E	184.21' *(184.22')*
IP1784-1710	S 00°45'17" E	98.49'
1710-1711	N 64°52'29" W	402.92'
1711-1712	S 57°35'49" W	98.90'
1712-TRAV PNT	N 51°08'03" W	33.00'
TRAV PNT - PNT	S 39°01'49" W	91.03'
TRAV PNT - 1713	N 50°45'59" W	33.00'
1713-1714	N 05°59'17" E	197.68'
1714-1715	N 23°09'19" W	355.16'
1715-1716	N 41°26'56" W	185.07'
1716-1717	N 70°00'06" W	184.76'
1717-1718	S 89°27'32" W	191.10'
1718-1719	N 81°58'13" W	909.77'
1719-1720	N 63°40'39" W	471.10'
1720-1615	N 59°57'40" W	215.73'
1615-1614	N 01°06'28" W	147.02'

CURVE TABLE

CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C23	IP1780-1702	S 47°00'31" E	507.00'	14.62'	14.62'
C24	IP1782-IP1783	S 49°08'50" E	467.00'	284.48' *(284.51')*	289.08' *(289.10')*
C25	IP1782-P1750	S 35°29'08" E	467.00'	66.32'	66.37'
C26	P1753-P1750	N 52°39'03" W	467.00'	211.59'	213.44'
C29	IP1783-P1753	N 66°18'45" W	467.00'	9.26'	9.26'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
1614	421+55.48	58.93' LT
1615	422+37.77	62.91' RT
1701	422+40.71	41.89' LT
1702	423+00.00	30.70' LT
1703	424+00.00	32.00' LT
1704	426+00.00	43.00' LT
1705	430+00.00	75.00' LT
1706	440+00.00	55.00' LT
1707	442+00.00	70.00' LT
1708	444+00.00	70.00' LT
1710	453+10.31	55.37' RT
1711	449+25.00	71.10' RT
1712	449+00.60	165.70' RT

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
1713	448+56.72	261.79' RT
1714	447+50.00	120.00' RT
1715	444+00.00	55.00' RT
1716	442+00.00	40.00' RT
1717	440+00.00	60.00' RT
1718	438+00.00	95.00' RT
1719	429+00.00	95.00' RT
1720	424+50.00	55.00' RT
IP1780	422+85.60	33.25' LT
IP1781	445+65.37	52.58' LT
IP1782	447+79.45	43.53' LT
IP1783	450+84.76	33.50' LT
IP1784	452+70.13	34.54' LT

PLE STATION & OFFSET TABLE

POINT #	STATION	OFFSET
P1750	448+50.00	37.55' LT
P1751	449+50.00	45.00' LT
P1752	450+50.00	40.00' LT
P1753	450+75.00	33.17' LT

PLE COURSE TABLE

COURSE	BEARING	DISTANCE
IP1782-P1750	SEE CURVE TABLE C25	
P1750-P1751	S 52°47'39" E	93.78'
P1751-P1752	S 54°06'03" E	93.43'
P1752-P1753	S 46°34'19" E	24.55'
P1753-P1750	SEE CURVE TABLE C26	

RL CURVE 32
PI STA = 427+18.15
Y = 526425.845
X = 761297.571
DELTA = 25°29'57" LT
D = 3°33'31"
T = 364.29'
L = 716.52'
R = 1610.00'
PC STA = 423+53.85
PT STA = 430+70.37

RL CURVE 33
PI STA = 441+83.80
Y = 526234.781
X = 762762.882
DELTA = 49°06'21" RT
D = 8°54'39"
T = 293.75'
L = 551.09'
R = 643.00'
PC STA = 438+90.05
PT STA = 444+41.14

RL CURVE 34
PI STA = 449+25.79
Y = 525585.422
X = 763192.118
DELTA = 33°12'05" LT
D = 8°54'39"
T = 191.70'
L = 372.60'
R = 643.00'
PC STA = 447+34.09
PT STA = 451+06.70

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.17

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 2928 RECORDED IN VOLUME 11 ON PAGES 315-316 AS DOCUMENT NO. 1586581, BEING IN AND INCLUDING THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4 AND ALSO THAT PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, ALL IN SECTION 1, TOWNSHIP 8 NORTH, RANGE 7 EAST, TOWN OF BERRY, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 3036, CSM 2928, AND EXISTING C/L.

EXISTING HIGHWAY RIGHT-OF-WAY FOR WHIPPOORWILL RD ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22 AND EXISTING C/L.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

JT ENGINEERING, INC Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP.DWG
APPRAISAL PLAT DATE : 10/22/2020
PLOT DATE : 10/27/2020 10:45 AM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.18

THAT PART OF LOT 3 OF CERTIFIED SURVEY MAP 5379 RECORDED IN VOLUME 24 CSM ON PAGES 274-276 AS DOCUMENT NO. 2051039 AND THAT PART OF LOTS 3 AND 4 OF CERTIFIED SURVEY MAP 10157 RECORDED IN VOLUME 59 CSM ON PAGES 231-233 AS DOCUMENT NO. 3367713, ALL BEING IN AND INCLUDING A PART OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4; ALSO THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 7346 RECORDED IN VOLUME 37 CSM ON PAGES 267-268 AS DOCUMENT NO. 2568297, BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, ALL IN SECTION 6; ALSO PART OF LOTS 1 AND 2 OF CERTIFIED SURVEY MAP 1837 RECORDED IN VOLUME 7 CSM ON PAGE 263 AS DOCUMENT NO. 1446928, BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4; ALSO THAT PART OF LOT 2 OF SAID CERTIFIED SURVEY MAP 1873 AND THAT PART OF LOTS 1 AND 2 OF CERTIFIED SURVEY MAP 5164 RECORDED IN VOLUME 23 CSM ON PAGE 217 AS DOCUMENT 1993706 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 1560 RECORDED IN VOLUME 6 CSM ON PAGE 237 AS DOCUMENT 1413731, ALL BEING IN AND INCLUDING A PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, ALL IN SECTION 7, ALL IN TOWNSHIP 8 NORTH, RANGE 8 EAST, TOWN OF SPRINGFIELD, DANE COUNTY, WISCONSIN.

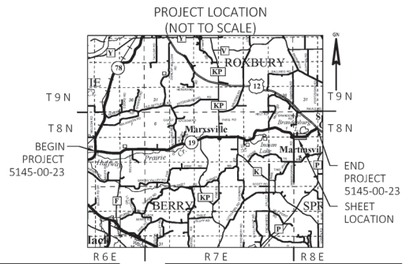
RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

PROJECT LOCATION
(NOT TO SCALE)



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1710	453+10.31	55.37' RT
IP1784	452+70.13	34.54' LT
1801	454+10.00	34.68' LT
1802	455+00.00	40.00' LT
1803	455+75.00	50.00' LT
1804	457+25.00	45.00' LT
1805	458+60.95	50.00' LT
1806	459+29.75	70.00' LT
1807	459+75.00	39.80' LT
1808	461+00.00	31.91' LT
1809	462+50.00	32.52' LT
1810	463+75.00	45.00' LT
1811	469+00.00	60.00' LT
1812	471+00.00	50.00' LT
1813	474+00.00	55.00' LT
1814	474+75.00	45.00' LT
1815	476+50.00	40.00' LT
1816	477+75.00	45.00' LT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1817	478+21.91	47.81' LT
1818	478+01.34	46.81' RT
1819	478+00.00	47.00' RT
1820	476+00.00	60.00' RT
1821	475+00.00	60.00' RT
1822	469+38.71	45.00' RT
1823	466+23.69	45.00' RT
1824	463+50.00	75.00' RT
1825	461+75.00	50.00' RT
1826	458+00.00	45.00' RT
1827	456+25.00	53.00' RT
1828	454+25.00	60.00' RT

COURSE TABLE		
COURSE	BEARING	DISTANCE
IP1784-1801	S 66°52'50" E	138.94'
1801-1802	S 74°10'04" E	86.97'
1802-1803	S 83°02'40" E	72.49'
1803-1804	S 79°12'22" E	143.25'
1804-1805	N 89°16'09" E	131.96'
1805-1806	N 73°35'30" E	71.65'
1806-1807	S 56°28'34" E	54.40'
1807-1808	S 86°35'21" E	125.25'
1808-1809	N 89°33'54" E	150.00'
1809-1810	N 84°10'33" E	126.76'
1810-1811	N 89°37'28" E	525.21'
1811-1812	S 86°54'09" E	197.74'
1812-1813	N 86°37'39" E	298.25'
1813-1814	S 85°44'16" E	75.66'
1814-1815	N 88°18'15" E	175.07'
1815-1816	N 83°28'46" E	121.22'

COURSE TABLE		
COURSE	BEARING	DISTANCE
1816-1817	N 75°15'05" E	42.68'
1817-COR	S 00°29'53" E	71.84'
COR-1818	S 00°37'08" W	24.97'
1818-1819	S 71°14'44" W	1.47'
1819-1820	S 81°38'26" W	206.98'
1820-1821	S 86°40'03" W	100.00'
1821-1822	S 89°37'32" W	565.32'
1822-1823	N 88°44'20" W	315.03'
1823-1824	S 84°50'32" W	273.48'
1824-1825	N 82°04'12" W	176.78'
1825-1826	N 89°25'02" W	375.73'
1826-1827	N 87°04'34" W	183.06'
1827-1828	N 76°20'33" W	210.46'
1828-1710	N 64°52'29" W	117.22'
1710-IP1784	N 00°45'17" W	98.49'

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
106	STARCZYNSKI LLC	FEE & TLE	0.031	0.218	0.249	0.088
108	NEAL N & DEBRA M HELEBRAND	FEE & TLE	0.125	0.219	0.344	0.069
109	IRVIN N & SUTZ FEY KINNEY LIVING TRUST	FEE & TLE	0.108	---	0.108	0.036
111	THE TRUSTEES OF MADISON COUNCIL OF GIRL SCOUT INC	FEE & TLE	0.066	0.131	0.197	0.004
112	BRADLEY J AND JANIE K LARSON	FEE & TLE	0.153	0.180	0.333	0.272
113	LYNETTE S MARGULIES AND DIANE L FINNEGAN	FEE & TLE	0.145	0.211	0.356	0.079
114	BRIAN J & AMBER R WRITT	FEE & TLE	0.145	0.450	0.595	0.018
116	IRWIN M & SUTZ-FEY KINNEY	FEE	0.155	0.380	0.535	---
117	DENNIS P & NANCY L CONNOR	FEE & TLE	0.013	---	0.013	0.001
118	DOUGLAS R CONNORS	FEE & TLE	0.039	0.043	0.082	0.028
119	DAVID M PROCHASKA AND VICTORIA E PROCHASKA	FEE & TLE	0.207	0.196	0.403	0.038
120	---		---	---	---	---
121	WILLIAM T KRUTCHEN & KAYE A MCCREERY	FEE & TLE	0.231	0.225	0.456	0.026
122	STEVE L & SANDRA K KETELBOETER	FEE & TLE	0.057	0.191	0.248	0.101
123	KARL J KETELBOETER	FEE & TLE	0.069	0.202	0.271	0.072
124	WILD OUTDOORS REVOCABLE TRUST	FEE & TLE	0.076	0.165	0.241	0.001
125	---		---	---	---	---
126	DAVID C & LAURIE M SUND	FEE & TLE	0.083	0.108	0.191	0.005
127	BRYCE BEATTY	FEE & TLE	0.139	0.138	0.277	0.019

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC CO - ELECTRIC	RELEASE OF RIGHTS

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664750
11/20/2020 12:40 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.18
AMENDMENT NO:___

FOUND BRASS CAP MONUMENT
Y=527,942.440
X=763,499.390

FOUND 1.25" O.D. IRON PIPE
Y=530,718.170
X=765,989.430

FOUND ALUMINUM CAP MONUMENT
Y=525,323.680
X=766,036.330

FOUND ALUMINUM CAP MONUMENT
Y=525,285.940
X=763,534.380

FOUND 1.25" IRON ROD
Y=520,006.400
X=765,978.880

SE-SW

SW-SW

NW-NW

NE-SW

SPRINGFIELD

TOWN

PLAT OF SURVEY 6663-LA (05/18/1966)

PLAT OF SURVEY 2004-01548 (12/01/2004)

PLAT OF SURVEY 6663-L (05/18/1966)

LOT 1 CSM NO. 1837 V.7 P.263 DOC. 1446928

LOT 2 CSM NO. 10157 V.59 P.231-233 DOC. 3367713 TRANS 233 RESTRICTIONS APPLY DOT #13-019-650-01-C

LOT 3 CSM NO. 5379 V.24 P.274-276 DOC. 2051039

LOT 3 CSM NO. 10157 V.59 P.231-233 DOC. 3367713 TRANS 233 RESTRICTIONS APPLY DOT #13-019-650-01-C

LOT 4 CSM NO. 10157 V.59 P.231-233 DOC. 3367713 TRANS 233 RESTRICTIONS APPLY DOT #13-019-650-01-C

LOT 1 CSM NO. 5164 V.23 P.217 DOC. 1993706

LOT 2 CSM NO. 5164 V.23 P.217 DOC. 1993706

LOT 1 CSM NO. 1560 V.6 P.237 DOC. 1413731

LOT 1 CSM NO. 7346 V.37 P.267-268 DOC. 2568297

SUTZFEY CIR

SIXTEENTH LINE

QUARTER LINE

SECTION LINE

STH 19

EXISTING R/W

66' PRIVATE ACCESS EASEMENT PER CSM 5379 QUITCLAIMED TO TOWN OF SPRINGFIELD FROM KINNEY DOC. 2875984

66' INGRESS/EGRESS EASEMENT DOC. 2975081

VISION CORNER EASEMENT PER CSM 5379

VISION CORNER EASEMENT PER CSM 10157

TLE EXCLUDES BUILDINGS

RL CURVE 35
PI STA = 456+01.90
Y = 525313.356
X = 763822.841
DELTA = 23°32'00" LT
D = 5°24'19"
T = 220.80'
L = 435.38'
R = 1060.00'
PC STA = 453+81.10
PT STA = 458+16.48

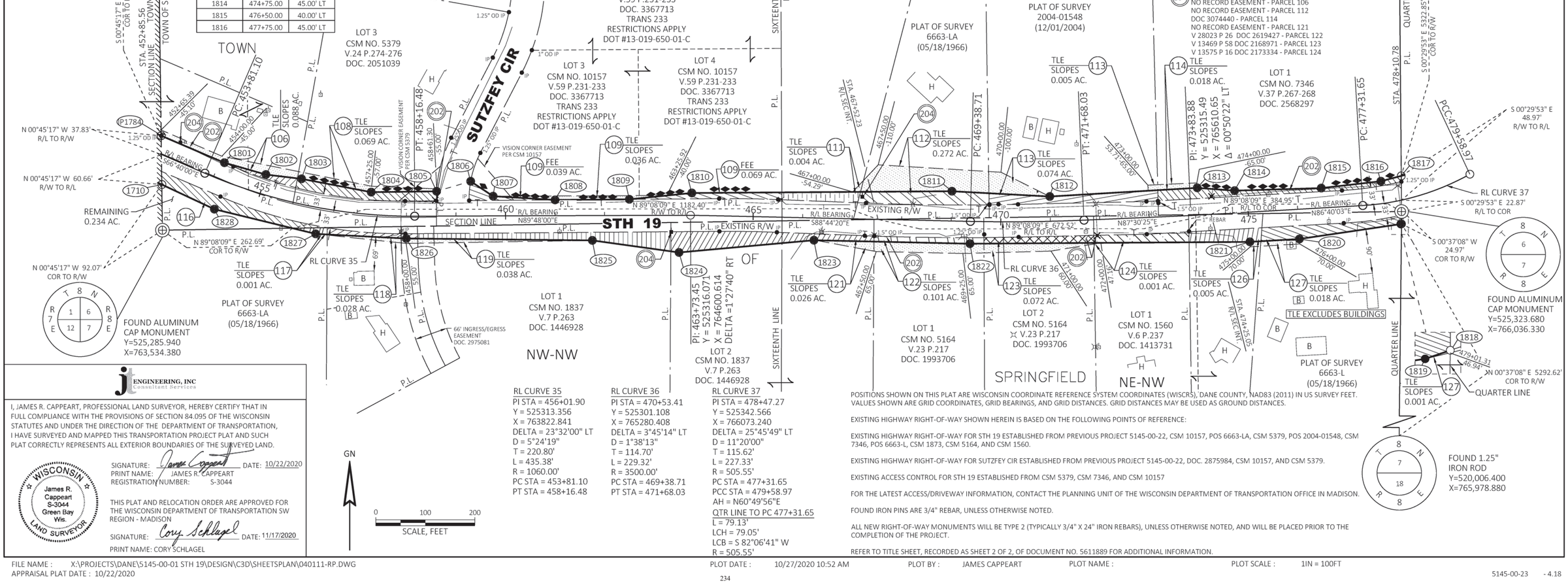
RL CURVE 36
PI STA = 470+53.41
Y = 525301.108
X = 765280.408
DELTA = 3°45'14" LT
D = 1°38'13"
T = 114.70'
L = 229.32'
R = 3500.00'
PC STA = 469+38.71
PT STA = 471+68.03

RL CURVE 37
PI STA = 478+47.27
Y = 525342.566
X = 766073.240
DELTA = 25°45'49" LT
D = 11°20'00"
T = 115.62'
L = 227.33'
R = 505.55'
PC STA = 477+31.65
PCC STA = 479+58.97
AH = N60°49'56"E

QTR LINE TO PC 477+31.65
L = 79.13'
LCH = 79.05'
LCB = S 82°06'41" W
R = 505.55'

PI: 463+73.45
Y = 525316.071
X = 764600.614
DELTA =1°27'40" RT

PI: 473+83.88
Y = 525315.49
X = 765610.65
Δ = 00°50'22" LT


N 00°45'17" W 37.83' R/L TO R/W
N 00°45'17" W 60.66' R/W TO R/L
REMAINING 0.234 AC.
N 00°45'17" W 92.07' COR TO R/W
N 89°08'09" E 262.69' COR TO R/W
S 00°45'17" E 2466.18' COR TO R/W
STA. 452+85.56 TOWN OF BERRY TOWN OF SPRINGFIELD
SECTION LINE
P.L.
R/L BEARING S66°40'00"E
N89°48'00"E
N 89°08'09" E 1182.40' R/W TO R/L
N 89°08'09" E 672.52' R/L TO R/L
N 89°08'09" E 384.95' R/L TO COR
R/L BEARING N87°30'25"E
R/L BEARING N86°40'03"E
R/L BEARING S88°44'20"E
S 00°29'53" E 48.97' R/W TO R/L
S 00°29'53" E 22.87' R/L TO COR
S 00°37'08" W 24.97' COR TO R/W
N 00°37'08" E 5292.62' COR TO R/W
S 00°29'53" E 5322.85' COR TO R/W
STA. 478+10.78
PCC:479+58.97
PC: 477+31.65
PT: 471+68.03
PC: 469+38.71
PC: 453+81.10
PT: 458+16.48
TLE SLOPES 0.088 AC.
TLE SLOPES 0.069 AC.
TLE SLOPES 0.036 AC.
TLE SLOPES 0.004 AC.
TLE SLOPES 0.272 AC.
TLE SLOPES 0.074 AC.
TLE SLOPES 0.005 AC.
TLE SLOPES 0.018 AC.
TLE SLOPES 0.001 AC.
TLE SLOPES 0.026 AC.
TLE SLOPES 0.101 AC.
TLE SLOPES 0.072 AC.
TLE SLOPES 0.005 AC.
TLE SLOPES 0.018 AC.
TLE SLOPES 0.038 AC.
TLE SLOPES 0.028 AC.
TLE SLOPES 0.001 AC.
FEE 0.039 AC.
FEE 0.069 AC.
TDS TELECOM - COMMUNICATIONS
NO RECORD EASEMENT - PARCEL 106
NO RECORD EASEMENT - PARCEL 114
V 11502 P 51 DOC 2084441(BLANKET) - PARCEL 121
NO RECORD EASEMENT - PARCEL 122
NO RECORD EASEMENT - PARCEL 123
NO RECORD EASEMENT - PARCEL 124
MADISON GAS & ELECTRIC CO - ELECTRIC
NO RECORD EASEMENT - PARCEL 106
NO RECORD EASEMENT - PARCEL 112
DOC 3074440 - PARCEL 114
NO RECORD EASEMENT - PARCEL 121
V 28023 P 26 DOC 2619427 - PARCEL 122
V 13469 P 58 DOC 2168971 - PARCEL 123
V 13575 P 16 DOC 2173334 - PARCEL 124
TLE SLOPES 0.001 AC.
TLE SLOPES 0.001 AC.
TLE SLOPES 0.018

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.18 AMENDMENT NO. 1

AMENDS PARCELS 113 AND 114 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.18 RECORDED AS DOCUMENT 5664750.

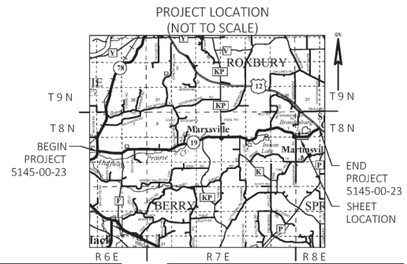
THAT PART OF LOT 3 OF CERTIFIED SURVEY MAP 5379 RECORDED IN VOLUME 24 CSM ON PAGES 274-276 AS DOCUMENT NO. 2051039 AND THAT PART OF LOTS 3 AND 4 OF CERTIFIED SURVEY MAP 10157 RECORDED IN VOLUME 59 CSM ON PAGES 231-233 AS DOCUMENT NO. 3367713, ALL BEING IN AND INCLUDING A PART OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4; ALSO THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 7346 RECORDED IN VOLUME 37 CSM ON PAGES 267-268 AS DOCUMENT NO. 2568297, BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, ALL IN SECTION 6; ALSO PART OF LOTS 1 AND 2 OF CERTIFIED SURVEY MAP 1837 RECORDED IN VOLUME 7 CSM ON PAGE 263 AS DOCUMENT NO. 1446928, BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4; ALSO THAT PART OF LOT 2 OF SAID CERTIFIED SURVEY MAP 1873 AND THAT PART OF LOTS 1 AND 2 OF CERTIFIED SURVEY MAP 5164 RECORDED IN VOLUME 23 CSM ON PAGE 217 AS DOCUMENT 1993706 AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 1560 RECORDED IN VOLUME 6 CSM ON PAGE 237 AS DOCUMENT 1413731, ALL BEING IN AND INCLUDING A PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, ALL IN SECTION 7, ALL IN TOWNSHIP 8 NORTH, RANGE 8 EAST, TOWN OF SPRINGFIELD, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

PROJECT LOCATION
(NOT TO SCALE)



R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1710	453+10.31	55.37' RT
IP1784	452+70.13	34.54' LT
1801	454+10.00	34.68' LT
1802	455+00.00	40.00' LT
1803	455+75.00	50.00' LT
1804	457+25.00	45.00' LT
1805	458+60.95	50.00' LT
1806	459+29.75	70.00' LT
1807	459+75.00	39.80' LT
1808	461+00.00	31.91' LT
1809	462+50.00	32.52' LT
1810	463+75.00	45.00' LT
1811	469+00.00	60.00' LT
1812	471+00.00	50.00' LT
1813	474+00.00	55.00' LT
1814	474+75.00	45.00' LT
1815	476+50.00	40.00' LT
1816	477+75.00	45.00' LT

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1817	478+21.91	47.81' LT
1818	478+01.34	46.81' RT
1819	478+00.00	47.00' RT
1820	476+00.00	60.00' RT
1821	475+00.00	60.00' RT
1822	469+38.71	45.00' RT
1823	466+23.69	45.00' RT
1824	463+50.00	75.00' RT
1825	461+75.00	50.00' RT
1826	458+00.00	45.00' RT
1827	456+25.00	53.00' RT
1828	454+25.00	60.00' RT
1829	472+50.00	40.00' LT

COURSE TABLE		
COURSE	BEARING	DISTANCE
IP1784-1801	S 66°52'50" E	138.94'
1801-1802	S 74°10'04" E	86.97'
1802-1803	S 83°02'40" E	72.49'
1803-1804	S 79°12'22" E	143.25'
1804-1805	N 89°16'09" E	131.96'
1805-1806	N 73°35'30" E	71.65'
1806-1807	S 56°28'34" E	54.40'
1807-1808	S 86°35'21" E	125.25'
1808-1809	N 89°33'54" E	150.00'
1809-1810	N 84°10'33" E	126.76'
1810-1811	N 89°37'28" E	525.21'
1811-1812	S 86°54'09" E	197.74'
1812-1829	S 88°24'17" E	149.40'
1829-1813	N 81°40'42" E	149.97'
1813-1814	S 85°44'16" E	75.66'
1814-1815	N 88°18'15" E	175.07'

COURSE TABLE		
COURSE	BEARING	DISTANCE
1815-1816	N 83°28'46" E	121.22'
1816-1817	N 75°15'05" E	42.68'
1817-COR	S 00°29'53" E	71.84'
COR-1818	S 00°37'08" W	24.97'
1818-1819	S 71°14'44" W	1.47'
1819-1820	S 81°38'26" W	206.98'
1820-1821	S 86°40'03" W	100.00'
1821-1822	S 89°37'32" W	565.32'
1822-1823	N 88°44'20" W	315.03'
1823-1824	S 84°50'32" W	273.48'
1824-1825	N 82°04'12" W	176.78'
1825-1826	N 89°25'02" W	375.73'
1826-1827	N 87°04'34" W	183.06'
1827-1828	N 76°20'33" W	210.46'
1828-1710	N 64°52'29" W	117.22'
1710-IP1784	N 00°45'17" W	98.49'

SCHEDULE OF LANDS & INTERESTS REQUIRED						
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
106	STARCZYNSKI LLC	FEE & TLE	0.031	0.218	0.249	0.088
108	NEAL N & DEBRA M HELEBRAND	FEE & TLE	0.125	0.219	0.344	0.069
109	IRVIN N & SUTZ FEY KINNEY LIVING TRUST	FEE & TLE	0.108	---	0.108	0.036
111	THE TRUSTEES OF MADISON COUNCIL OF GIRL SCOUT INC	FEE & TLE	0.066	0.131	0.197	0.004
112	BRADLEY J AND JANIE K LARSON	FEE & TLE	0.153	0.180	0.333	0.272
113	LYNETTE S MARGULIES AND DIANE L FINNEGAN	FEE & TLE	0.107	0.211	0.318	0.117
114	BRIAN J & AMBER R WRITT	FEE & TLE	0.137	0.450	0.587	0.026
116	IRWIN M & SUTZ-FEY KINNEY	FEE	0.155	0.380	0.535	---
117	DENNIS P & NANCY L CONNOR	FEE & TLE	0.013	---	0.013	0.001
118	DOUGLAS R CONNORS	FEE & TLE	0.039	0.043	0.082	0.028
119	DAVID M PROCHASKA AND VICTORIA E PROCHASKA	FEE & TLE	0.207	0.196	0.403	0.038
120	---		---	---	---	---
121	WILLIAM T KRUTCHEN & KAYE A MCCREERY	FEE & TLE	0.231	0.225	0.456	0.026
122	STEVE L & SANDRA K KETELBOETER	FEE & TLE	0.057	0.191	0.248	0.101
123	KARL J KETELBOETER	FEE & TLE	0.069	0.202	0.271	0.072
124	WILD OUTDOORS REVOCABLE TRUST	FEE & TLE	0.076	0.165	0.241	0.001
125	---		---	---	---	---
126	DAVID C & LAURIE M SUND	FEE & TLE	0.083	0.108	0.191	0.005
127	BRYCE BEATTY	FEE & TLE	0.139	0.138	0.277	0.019

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC CO - ELECTRIC	RELEASE OF RIGHTS

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5795367
12/07/2021 12:10 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.18
AMENDMENT NO: 1

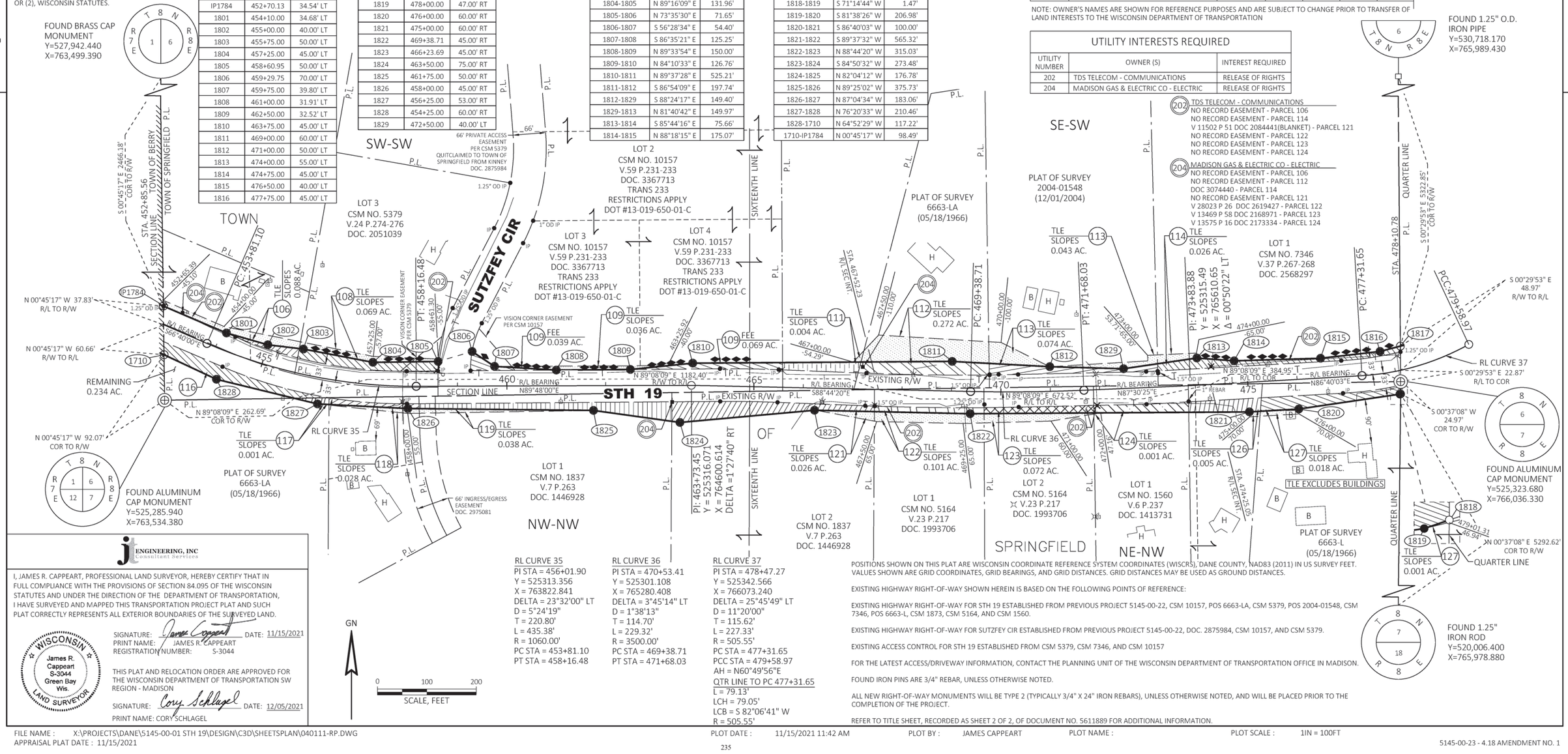
FOUND BRASS CAP MONUMENT
Y=527,942.440
X=763,499.390

FOUND 1.25" O.D. IRON PIPE
Y=530,718.170
X=765,989.430

FOUND ALUMINUM CAP MONUMENT
Y=525,285.940
X=763,534.380

FOUND ALUMINUM CAP MONUMENT
Y=525,323.680
X=766,036.330

FOUND 1.25" IRON ROD
Y=520,006.400
X=765,978.880



RL CURVE 35
PI STA = 456+01.90
Y = 525313.356
X = 763822.841
DELTA = 23°32'00" LT
D = 5°24'19"
T = 220.80'
L = 435.38'
R = 1060.00'
PC STA = 453+81.10
PT STA = 458+16.48

RL CURVE 36
PI STA = 470+53.41
Y = 525301.108
X = 765280.408
DELTA = 3°45'14" LT
D = 1°38'13"
T = 114.70'
L = 229.32'
R = 3500.00'
PC STA = 469+38.71
PT STA = 471+68.03

RL CURVE 37
PI STA = 478+47.27
Y = 525342.566
X = 766073.240
DELTA = 25°45'49" LT
D = 11°20'00"
T = 115.62'
L = 227.33'
R = 505.55'
PC STA = 477+31.65
PCC STA = 479+58.97
AH = N60°49'56"E
QTR LINE TO PC 477+31.65
L = 79.13'
LCH = 79.05'
LCB = S 82°06'41" W
R = 505.55'

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: James Cappeart DATE: 11/15/2021
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 12/05/2021
PRINT NAME: CORY SCHLAGEL

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, CSM 10157, POS 6663-LA, CSM 5379, POS 2004-01548, CSM 7346, POS 6663-L, CSM 1873, CSM 5164, AND CSM 1560.

EXISTING HIGHWAY RIGHT-OF-WAY FOR SUTZFEY CIR ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, DOC. 2875984, CSM 10157, AND CSM 5379.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM CSM 5379, CSM 7346, AND CSM 10157

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\040111-RP.DWG
APPRAISAL PLAT DATE : 11/15/2021
PLOT DATE : 11/15/2021 11:42 AM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1IN = 100FT

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.19

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 2846 RECORDED IN VOLUME 11 CSM ON PAGE 197 AS DOCUMENT NO. 1575989, BEING IN AND INCLUDING PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 6; ALSO THAT PART OF THE THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 7, ALL IN TOWNSHIP 8 NORTH, RANGE 8 EAST, TOWN OF SPRINGFIELD, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 6663-L, POS 1999-00023, AND CSM 2846.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

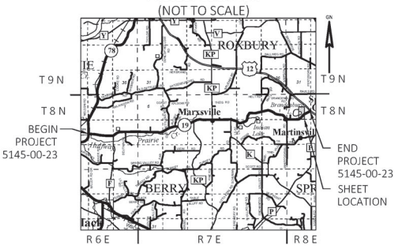
REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

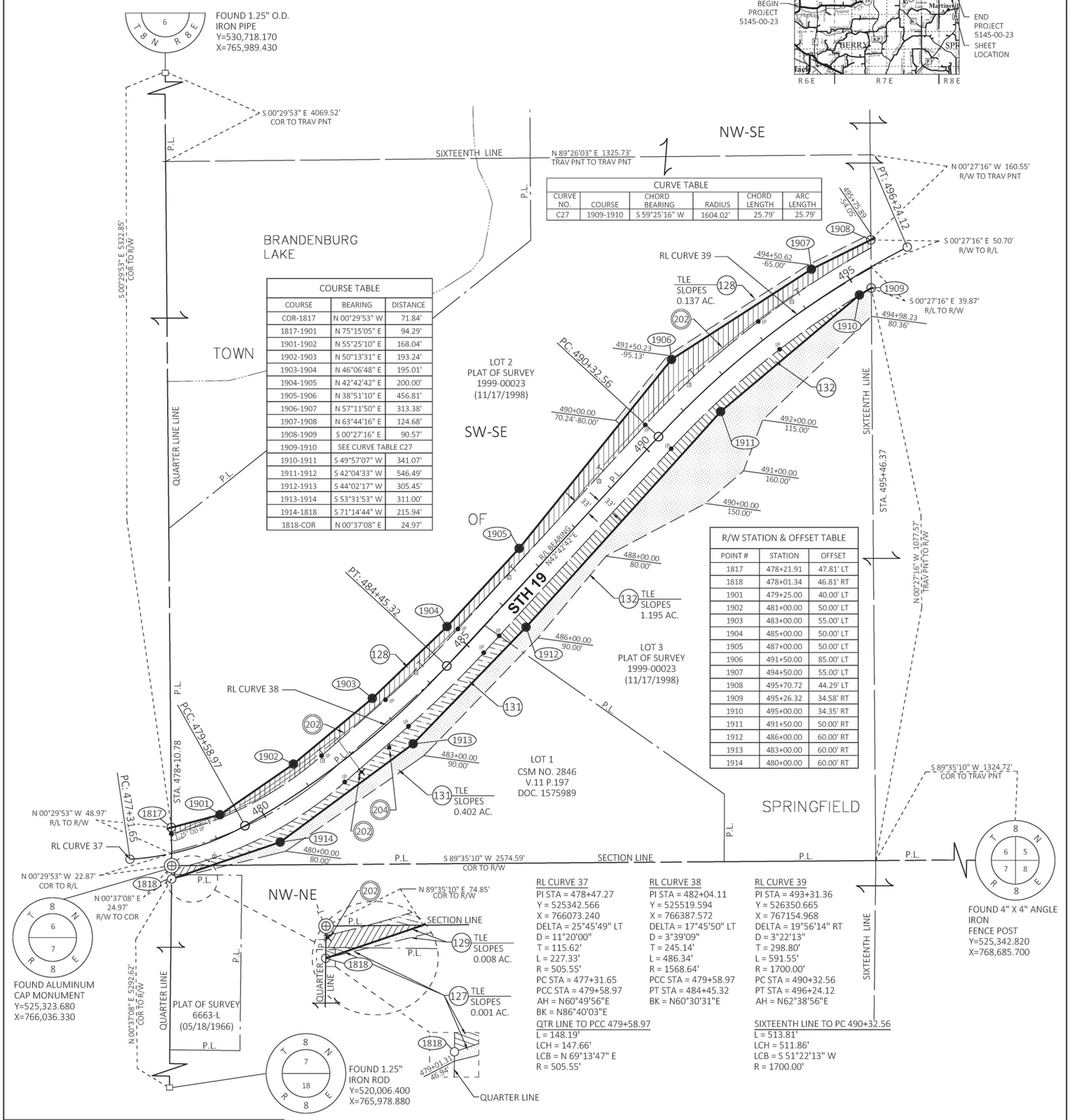
KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664751
11/20/2020 12:40 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.19
AMENDMENT NO:___

PROJECT LOCATION
(NOT TO SCALE)





CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C27	1909-1910	S 59°25'16" W	1604.02'	25.79'	25.79'

COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-1817	N 00°29'53" W	71.84'
1817-1901	N 75°15'05" E	94.29'
1901-1902	N 55°25'10" E	168.04'
1902-1903	N 50°13'31" E	193.24'
1903-1904	N 46°06'48" E	195.01'
1904-1905	N 42°42'42" E	200.00'
1905-1906	N 38°51'10" E	456.81'
1906-1907	N 57°11'50" E	313.38'
1907-1908	N 63°44'16" E	124.68'
1908-1909	S 00°27'16" E	90.57'
1909-1910	SEE CURVE TABLE C27	
1910-1911	S 49°57'07" W	341.07'
1911-1912	S 42°04'33" W	546.49'
1912-1913	S 44°02'17" W	305.45'
1913-1914	S 53°31'53" W	311.00'
1914-1818	S 71°14'44" W	215.94'
1818-COR	N 00°37'08" E	24.97'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1817	478+21.91	47.81' LT
1818	478+01.34	46.81' RT
1901	479+25.00	40.00' LT
1902	481+00.00	50.00' LT
1903	483+00.00	55.00' LT
1904	485+00.00	50.00' LT
1905	487+00.00	50.00' LT
1906	491+50.00	85.00' LT
1907	494+50.00	55.00' LT
1908	495+70.72	44.29' LT
1909	495+26.32	34.58' RT
1910	495+00.00	34.35' RT
1911	491+50.00	50.00' RT
1912	486+00.00	60.00' RT
1913	483+00.00	60.00' RT
1914	480+00.00	60.00' RT

RL CURVE 37
PI STA = 478+47.27
Y = 525342.566
X = 766073.240
DELTA = 25°45'49" LT
D = 11°20'00"
T = 115.62'
L = 227.33'
R = 505.55'
PC STA = 477+31.65
PCC STA = 479+58.97
AH = N60°49'56"E
BK = N86°40'03"E

QTR LINE TO PCC 479+58.97
L = 148.19'
LCH = 147.66'
LCB = N 69°13'47" E
R = 505.55'

RL CURVE 38
PI STA = 482+04.11
Y = 525519.594
X = 766387.572
DELTA = 17°45'50" LT
D = 3°39'09"
T = 245.14'
L = 486.34'
R = 1568.64'
PCC STA = 479+58.97
PT STA = 484+45.32
BK = N60°30'31"E

RL CURVE 39
PI STA = 493+31.36
Y = 526350.665
X = 767154.968
DELTA = 19°56'14" RT
D = 3°22'13"
T = 298.80'
L = 591.55'
R = 1700.00'
PC STA = 490+32.56
PT STA = 496+24.12
AH = N62°38'56"E

SIXTEENTH LINE TO PC 490+32.56
L = 513.81'
LCH = 511.86'
LCB = S 51°22'13" W
R = 1700.00'

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC CO - ELECTRIC	RELEASE OF RIGHTS

(202) TDS TELECOM - COMMUNICATIONS
V 520 P 861-865 DOC 1402974 - PARCEL 128
NO RECORD EASEMENT - PARCEL 129
NO RECORD EASEMENT - PARCEL 131

(204) MADISON GAS & ELECTRIC CO - ELECTRIC
NO RECORD EASEMENT - PARCEL 131

SCHEDULE OF LANDS & INTERESTS REQUIRED						
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
127	WILLIAM E & JENNIE P SWADLEY	FEE & TLE	0.002	---	0.002	0.001
128	TERRY L KALSCHEUR AND KALSCHEUR LIVING TRUST	FEE & TLE	0.974	1.314	2.288	0.137
129	LEO R & DONALD A HOFFMAN	FEE & TLE	0.016	0.003	0.019	0.008
130	---	---	---	---	---	---
131	HERBERT L & KIM J WARREN	FEE & TLE	0.351	0.568	0.919	0.402
132	SCOTT & JODY WIMMER	FEE & TLE	0.436	0.742	1.178	1.195

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

GN
0 100 200
SCALE, FEET

ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
James R. Cappeart
S-3044
Green Bay
Wis.
LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

5145-00-23 - 4.19
PLOT SCALE : 1IN = 100FT
PLOT NAME :
PLOT BY : James Cappeart
PLOT DATE : 11/5/2020 2:26 PM
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\0401111-RP DWG
APPRAISAL PLAT DATE : 10/22/2020

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.19 AMENDMENT NO. 1

AMENDS PARCEL 131 OF TRANSPORTATION PROJECT PLAT 5145-00-23-4.19 RECORDED AS DOCUMENT 5664751.

THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 2846 RECORDED IN VOLUME 11 CSM ON PAGE 197 AS DOCUMENT NO. 1575989, BEING IN AND INCLUDING PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 6; ALSO THAT PART OF THE THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 7, ALL IN TOWNSHIP 8 NORTH, RANGE 8 EAST, TOWN OF SPRINGFIELD, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, POS 6663-L, POS 1999-00023, AND CSM 2846.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

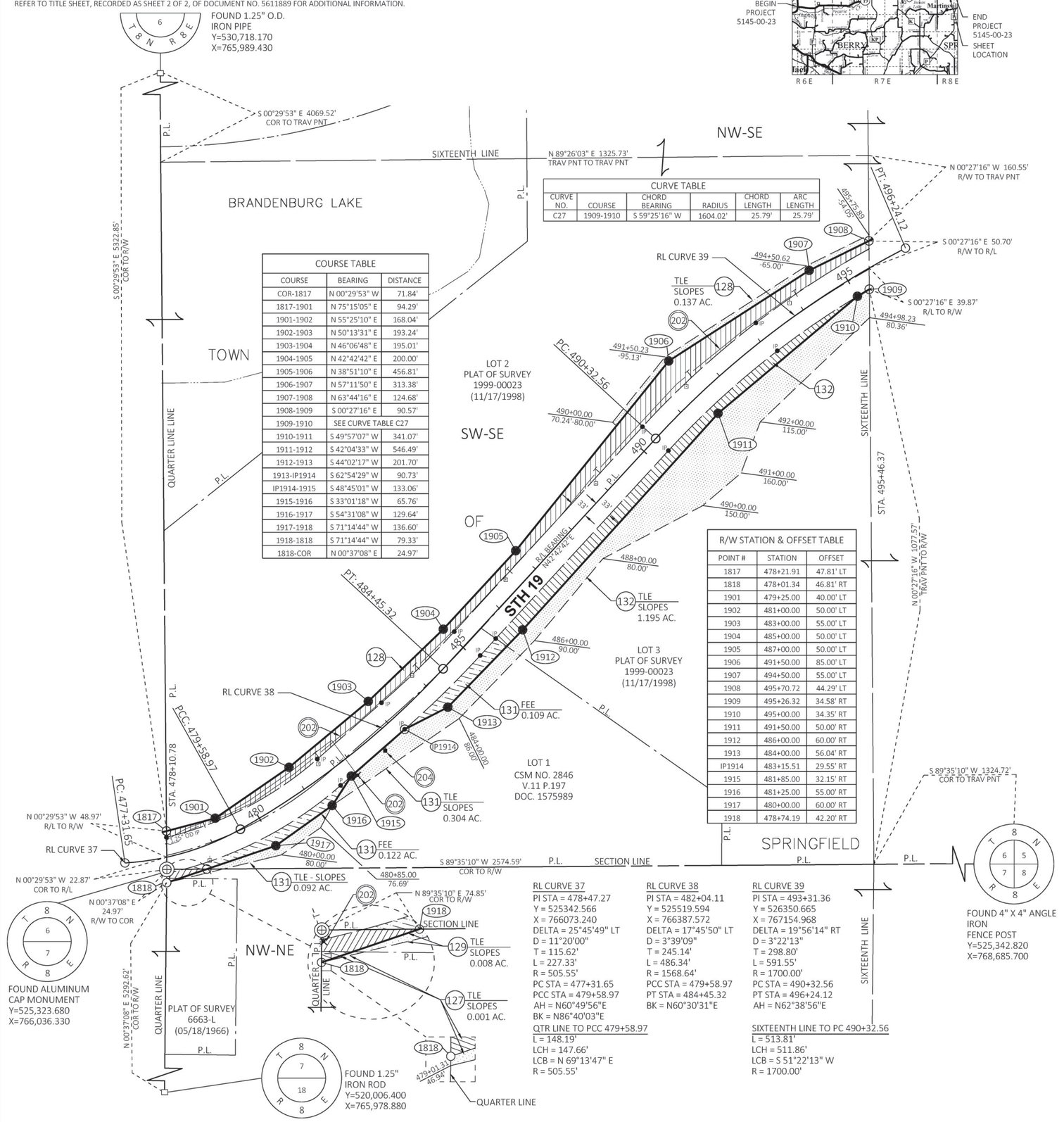
REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5873473
11/14/2022 09:29 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.19
AMENDMENT NO: 1

PROJECT LOCATION
(NOT TO SCALE)



COURSE TABLE		
COURSE	BEARING	DISTANCE
COR-1817	N 00°29'53" W	71.84'
1817-1901	N 75°15'05" E	94.29'
1901-1902	N 55°25'10" E	168.04'
1902-1903	N 50°13'31" E	193.24'
1903-1904	N 46°06'48" E	195.01'
1904-1905	N 42°42'42" E	200.00'
1905-1906	N 38°51'10" E	456.81'
1906-1907	N 57°11'50" E	313.38'
1907-1908	N 63°44'16" E	124.68'
1908-1909	S 00°27'16" E	90.57'
1909-1910	SEE CURVE TABLE C27	
1910-1911	S 49°57'07" W	341.07'
1911-1912	S 42°04'33" W	546.49'
1912-1913	S 44°02'17" W	201.70'
1913-IP1914	S 62°54'29" W	90.73'
IP1914-1915	S 48°45'01" W	133.06'
1915-1916	S 33°01'18" W	65.76'
1916-1917	S 54°31'08" W	129.64'
1917-1918	S 71°14'44" W	136.60'
1918-1818	S 71°14'44" W	79.33'
1818-COR	N 00°37'08" E	24.97'

CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C27	1909-1910	S 59°25'16" W	1604.02'	25.79'	25.79'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1817	478+21.91	47.81' LT
1818	478+01.34	46.81' RT
1901	479+25.00	40.00' LT
1902	481+00.00	50.00' LT
1903	483+00.00	55.00' LT
1904	485+00.00	50.00' LT
1905	487+00.00	50.00' LT
1906	491+50.00	85.00' LT
1907	494+50.00	55.00' LT
1908	495+70.72	44.29' LT
1909	495+26.32	34.58' RT
1910	495+00.00	34.35' RT
1911	491+50.00	50.00' RT
1912	486+00.00	60.00' RT
1913	484+00.00	56.04' RT
IP1914	483+15.51	29.55' RT
1915	481+85.00	32.15' RT
1916	481+25.00	55.00' RT
1917	480+00.00	60.00' RT
1918	478+74.19	42.20' RT

RL CURVE 37
PI STA = 478+47.27
Y = 525342.566
X = 766073.240
DELTA = 25°45'49" LT
D = 11°20'00"
T = 115.62'
L = 227.33'
R = 505.55'
PC STA = 477+31.65
PCC STA = 479+58.97
AH = N60°49'56"E
BK = N86°40'03"E

QTR LINE TO PCC 479+58.97
L = 148.19'
LCH = 147.66'
LCB = N 69°13'47" E
R = 505.55'

RL CURVE 38
PI STA = 482+04.11
Y = 525519.594
X = 766387.572
DELTA = 17°45'50" LT
D = 3°39'09"
T = 245.14'
L = 486.34'
R = 1568.64'
PCC STA = 479+58.97
PT STA = 484+45.32
BK = N60°30'31"E

RL CURVE 39
PI STA = 493+31.36
Y = 526350.665
X = 767154.968
DELTA = 19°56'14" RT
D = 3°22'13"
T = 298.80'
L = 591.55'
R = 1700.00'
PC STA = 490+32.56
PT STA = 496+24.12
AH = N62°38'56"E

SIXTEENTH LINE TO PC 490+32.56
L = 513.81'
LCH = 511.86'
LCB = S 51°22'13" W
R = 1700.00'

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS
204	MADISON GAS & ELECTRIC CO - ELECTRIC	RELEASE OF RIGHTS

(202) TDS TELECOM - COMMUNICATIONS
V 520 P 861-865 DOC 1402974 - PARCEL 128
NO RECORD EASEMENT - PARCEL 129
NO RECORD EASEMENT - PARCEL 131

(204) MADISON GAS & ELECTRIC CO - ELECTRIC
NO RECORD EASEMENT - PARCEL 131

SCHEDULE OF LANDS & INTERESTS REQUIRED						
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
127	WILLIAM E & JENNIE P SWADLEY	FEE & TLE	0.002	---	0.002	0.001
128	TERRY L KALSCHEUR AND KALSCHEUR LIVING TRUST	FEE & TLE	0.974	1.314	2.288	0.137
129	LEO R & DONALD A HOFFMAN	FEE & TLE	0.016	0.003	0.019	0.008
130	---	---	---	---	---	---
131	HERBERT L & KIM J WARREN	FEE & TLE	0.231	0.568	0.799	0.396
132	SCOTT & JODY WIMMER	FEE & TLE	0.436	0.742	1.178	1.195

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

GN
0 100 200
SCALE, FEET

ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 11/7/2022
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/7/2022
PRINT NAME: CORY SCHLAGEL

5145-00-23 - 4.19 AMENDMENT NO. 1
PLOT SCALE : 1IN = 100FT
PLOT NAME :
PLOT BY : James Cappeart
PLOT DATE : 11/7/2022 3:07 PM
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\0401111-RP DWG
APPRAISAL PLAT DATE : 11/7/2022

TRANSPORTATION PROJECT PLAT NO: 5145-00-23 - 4.20

THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4 AND THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 6, TOWNSHIP 8 NORTH, RANGE 8 EAST, TOWN OF SPRINGFIELD, DANE COUNTY, WISCONSIN.

RELOCATION ORDER STH 19 MAZOMANIE - USH 12 (STH 78 TO USH 12) DANE COUNTY, WISCONSIN

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

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POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, 5300-03-21, F04-2(40), AND POS 1999-00023.

EXISTING HIGHWAY RIGHT-OF-WAY FOR USH 12 ESTABLISHED FROM PREVIOUS PROJECT 5145-00-22, 5300-03-21, F04-2(40), CSM 8372, AND POS 1999-00023.

EXISTING ACCESS CONTROL FOR STH 19 ESTABLISHED FROM PREVIOUS PROJECT 5300-03-21 AND F 04-2(40).

EXISTING ACCESS CONTROL FOR USH 12 ESTABLISHED FROM PREVIOUS PROJECTS F 04-2(40) AND 5300-01-29.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

FOUND IRON PINS ARE 3/4" REBAR, UNLESS OTHERWISE NOTED.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

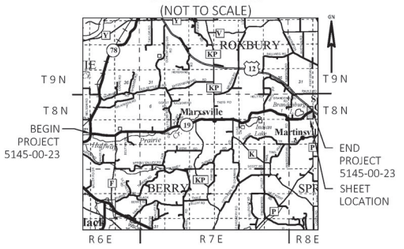
REFER TO TITLE SHEET, RECORDED AS SHEET 2 OF 2, OF DOCUMENT NO. 5611889 FOR ADDITIONAL INFORMATION.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5664756
11/20/2020 12:41 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5145-00-23 - 4.20
AMENDMENT NO:___

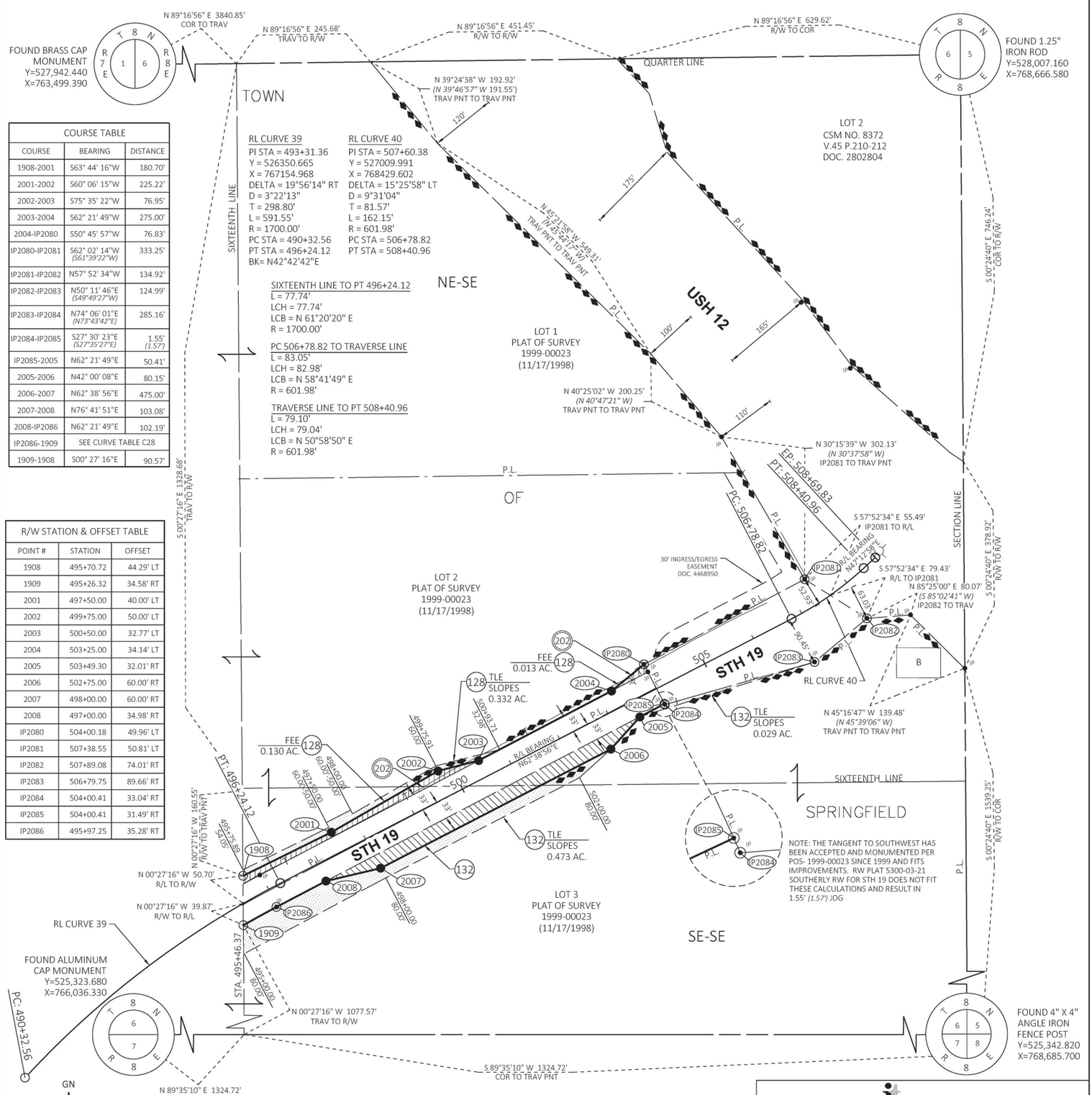
PROJECT LOCATION
(NOT TO SCALE)



CURVE TABLE					
CURVE NO.	COURSE	CHORD BEARING	RADIUS	CHORD LENGTH	ARC LENGTH
C28	IP2086-1909	S 61°07'21" W	1604.02'	69.48'	69.48'

COURSE TABLE		
COURSE	BEARING	DISTANCE
1908-2001	S63° 44' 16"W	180.70'
2001-2002	S60° 06' 15"W	225.22'
2002-2003	S75° 35' 22"W	76.95'
2003-2004	S62° 21' 49"W	275.00'
2004-IP2080	S50° 45' 57"W	76.83'
IP2080-IP2081	S62° 02' 14"W (S61°39'22"W)	333.25'
IP2081-IP2082	N57° 52' 34"W	134.92'
IP2082-IP2083	N50° 11' 46"E (S49°49'27"W)	124.99'
IP2083-IP2084	N74° 06' 01"E (N73°43'42"E)	285.16'
IP2084-IP2085	S27° 30' 23"E (S27°35'27"E)	1.55' (1.57')
IP2085-2005	N62° 21' 49"E	50.41'
2005-2006	N42° 00' 08"E	80.15'
2006-2007	N62° 38' 56"E	475.00'
2007-2008	N76° 41' 51"E	103.08'
2008-IP2086	N62° 21' 49"E	102.19'
IP2086-1909	SEE CURVE TABLE C28	
1909-1908	S00° 27' 16"E	90.57'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
1908	495+70.72	44.29' LT
1909	495+26.32	34.58' RT
2001	497+50.00	40.00' LT
2002	499+75.00	50.00' LT
2003	500+50.00	32.77' LT
2004	503+25.00	34.14' LT
2005	503+49.30	32.01' RT
2006	502+75.00	60.00' RT
2007	498+00.00	60.00' RT
2008	497+00.00	34.98' RT
IP2080	504+00.18	49.96' LT
IP2081	507+38.55	50.81' LT
IP2082	507+89.08	74.01' RT
IP2083	506+79.75	89.66' RT
IP2084	504+00.41	33.04' RT
IP2085	504+00.41	31.49' RT
IP2086	495+97.25	35.28' RT



UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
202	TDS TELECOM - COMMUNICATIONS	RELEASE OF RIGHTS

202 TDS TELECOM - COMMUNICATIONS
V 520 P 861-865 DOC 1402974 - PARCEL 128

SCHEDULE OF LANDS & INTERESTS REQUIRED						
PARCEL NUMBER	OWNER (S)	INTEREST REQUIRED	FEE R/W ACRES, REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
128	KALSCHEUR LIVING TRUST	FEE & TLE	0.143	0.641	0.784	0.332
132	SCOTT & JODY WIMMER	FEE & TLE	0.344	0.654	0.998	0.502

NOTE: OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE WISCONSIN DEPARTMENT OF TRANSPORTATION

JJ ENGINEERING, INC
Consultant Services

I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

WISCONSIN
James R. Cappeart
S-3044
Green Bay
Wis.
LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 10/22/2020
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/17/2020
PRINT NAME: CORY SCHLAGEL

5145-00-23 - 4.20
PLOT SCALE : 1IN = 100FT
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PLOT BY : James Cappeart
PLOT DATE : 10/22/2020 2:57 PM
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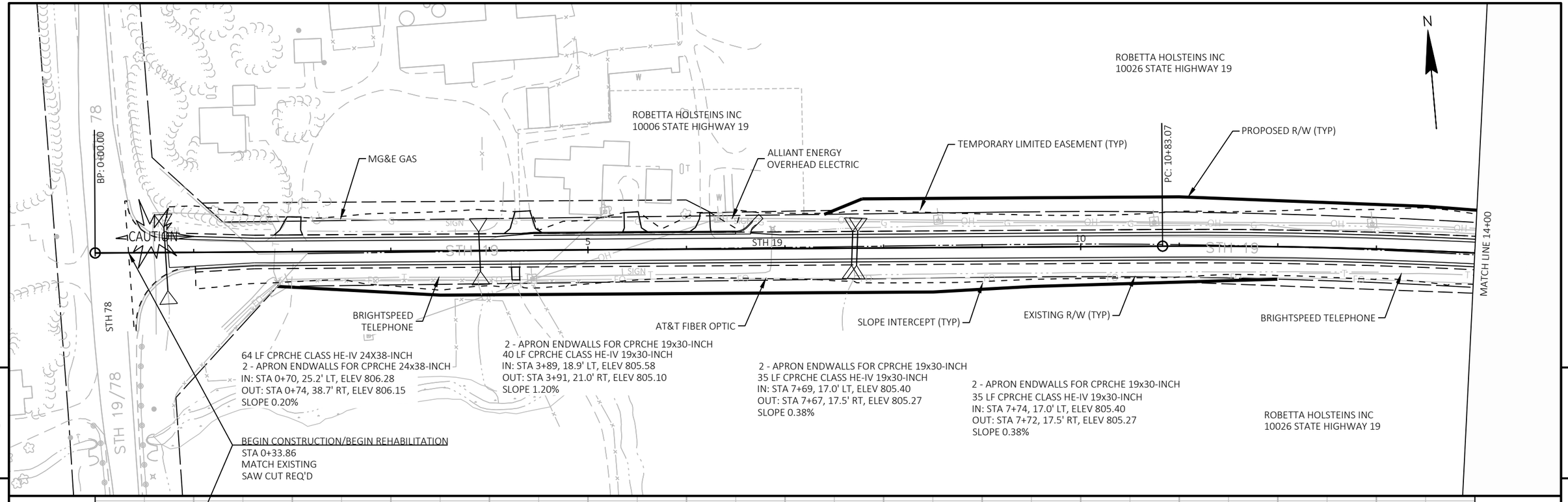
APPRAISAL PLAT DATE : 10/22/2020



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 239	E

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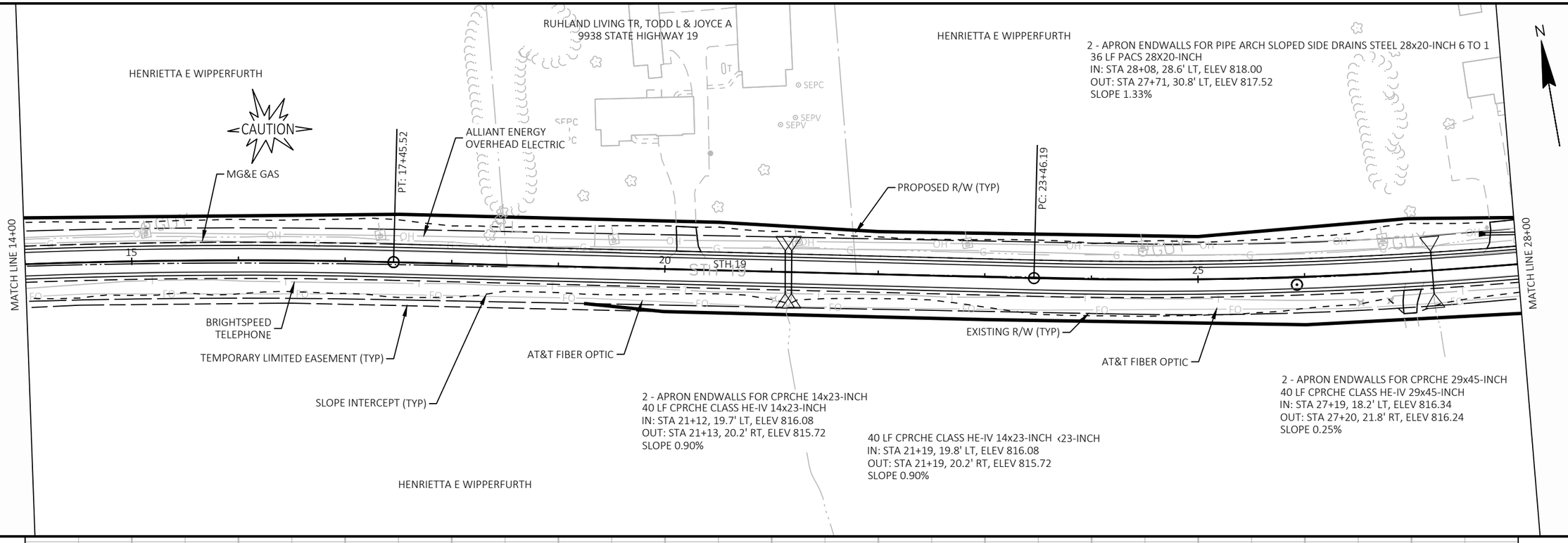
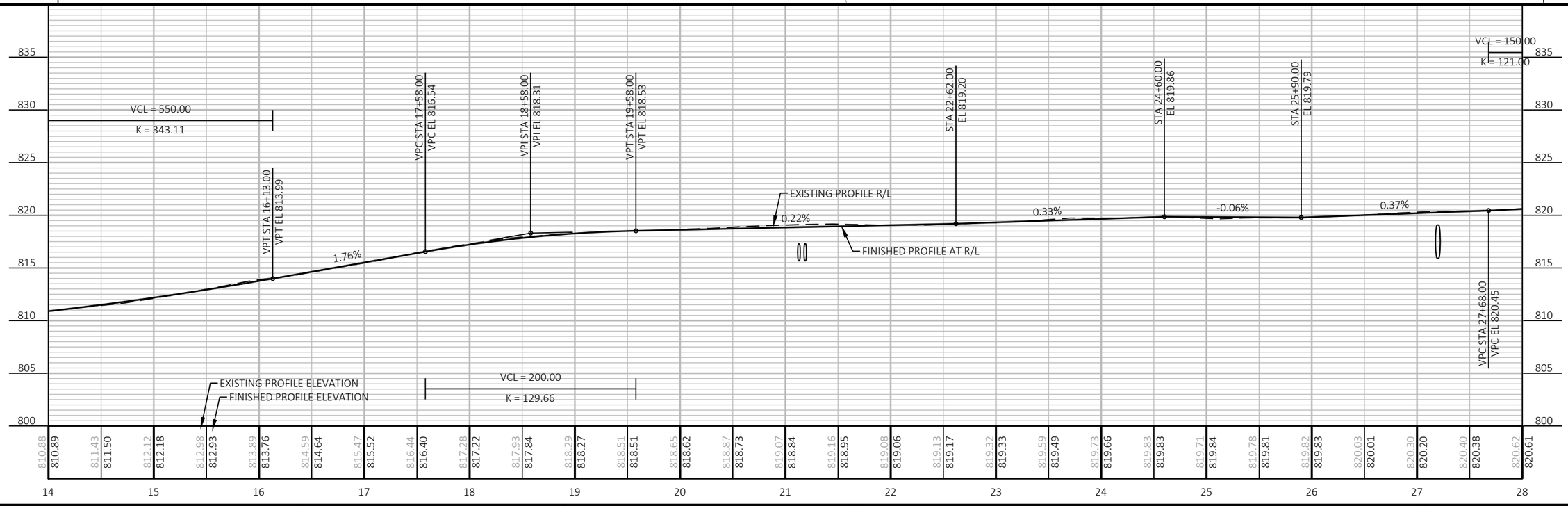
LAYOUT NAME - 050101

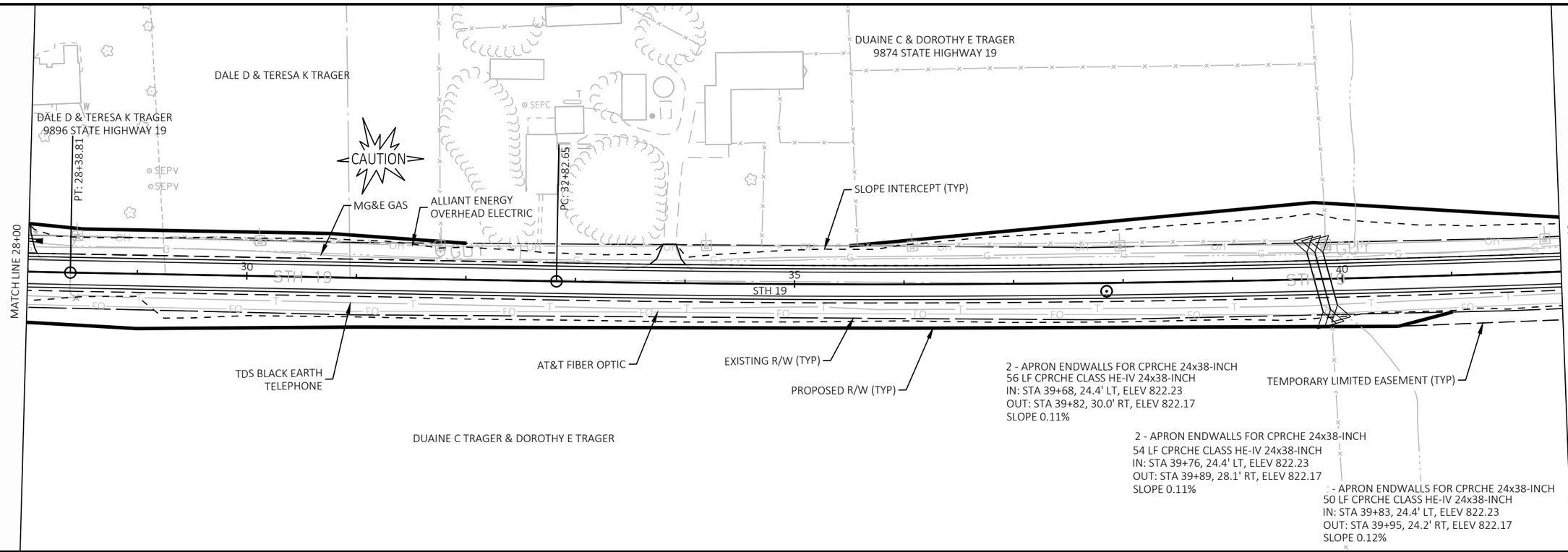
PLOT DATE : 7/27/2023 4:12 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

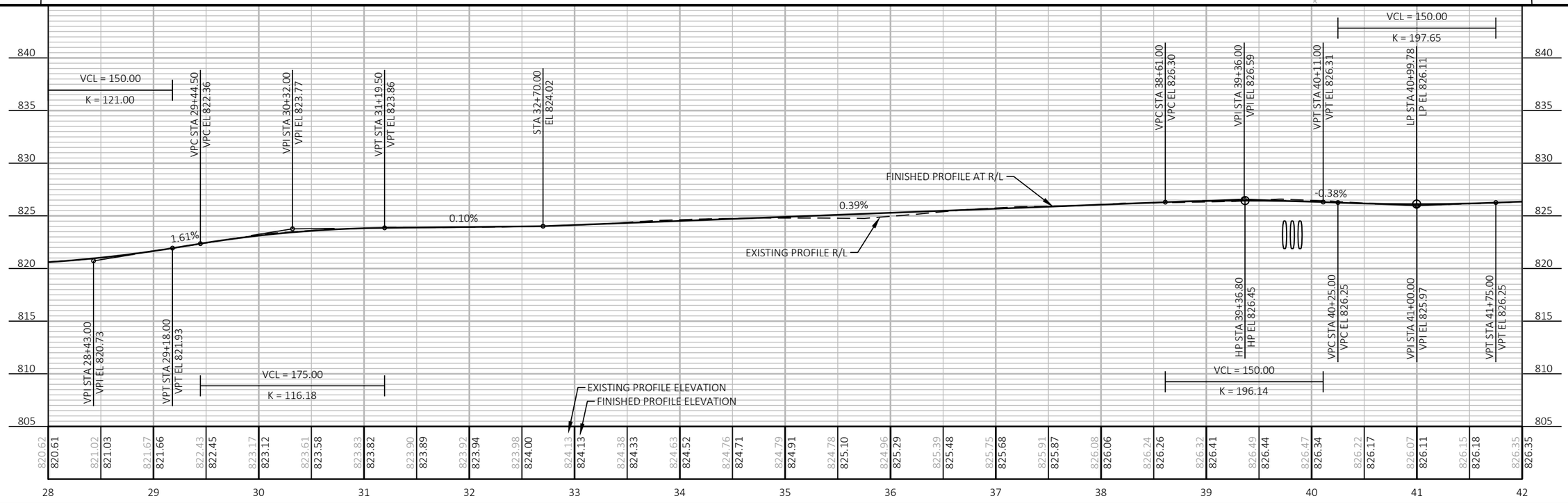
WISDOT/CADDS SHEET 44





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 240	E





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 241	E

THE CLEO I BROCKMANN REVOCABLE LIVING TRUST

ENVIRONMENTALLY SENSITIVE AREA

ENVIRONMENTALLY SENSITIVE AREA

DANE COUNTY
9755 STATE HIGHWAY 19

DANE COUNTY
9770 STATE HIGHWAY 19

N

MATCH LINE 42+00

PT: 42+86.99

CAUTION

MG&E GAS

ALLIANT ENERGY
OVERHEAD ELECTRIC

SLOPE INTERCEPT (TYP)

PC: 50+80.45

PT: 54+71.16

MATCH LINE 56+00

TDS BLACK EARTH
TELEPHONE

TEMPORARY LIMITED EASEMENT (TYP)

AT&T FIBER OPTIC

EXISTING R/W (TYP)

PROPOSED R/W (TYP)

ERIC SLAVENS & ASHLEY K LOOMANS
9755 STATE HIGHWAY 19

END REHABILITATION/BEGIN RECONSTRUCTION
STA 56+00

ENVIRONMENTALLY SENSITIVE AREA

THE CLEO I BROCKMANN REVOCABLE LIVING TRUST

2 - APRON ENDWALLS FOR CPRCHE 24x38-INCH
40 LF CPRCHE CLASS HE-IV 24x38-INCH
IN: STA 46+43, 18.8' LT, ELEV 823.88
OUT: STA 46+43, 21.2' RT, ELEV 823.26
SLOPE 1.55%

5

5

VCL = 450.00

K = 109.16

STA 43+60.00
EL 826.96

STA 45+73.00
EL 827.01

STA 46+64.00
EL 827.43

STA 47+54.00
EL 827.55

STA 49+52.00
EL 828.12

FINISHED PROFILE AT R/L

EXISTING PROFILE R/L

VPC STA 52+29.00
VPC EL 830.39

VPI STA 54+54.00
VPI EL 832.23

0.38%

0.02%

0.46%

0.14%

0.29%

0.82%

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
826.35	826.54	826.73	826.92	826.96	826.95	826.98	826.99	826.98	827.00	827.18	827.37	827.47	827.55	827.60
826.35	826.54	826.73	826.92	826.97	826.98	826.92	826.98	827.00	827.13	827.36	827.48	827.55	827.60	827.68

42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
827.73	827.92	828.16	828.53	828.86	829.37	829.76	830.04	830.53	831.22	832.09	833.03	834.36	835.86	837.73
827.83	827.97	828.12	828.51	828.92	829.33	829.74	830.15	830.58	831.20	832.05	833.12	834.43	835.97	837.73

42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
840.27	839.73

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 242	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050104

PLOT DATE : 7/27/2023 4:14 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

DANE COUNTY
9755 STATE HIGHWAY 19

CHARLES W STAMPFLI

DAVID GEORGE MUELLER & ELKE PATRICIA MUELLER
9726 STATE HIGHWAY 19

MG&E GAS

TYLER ENDERS

PROPOSED R/W (TYP)

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
28 LF CP CLASS III-A 18-INCH
IN: STA 64+33, 37.6' LT, ELEV 841.39
OUT: STA 64+60, 37.6' LT, ELEV 840.00
SLOPE 4.99%

EAT POST #1
STA 57+60
19.0' LT

EAT POST #1
STA 61+90
19.0' LT

ENVIRONMENTAL SENSITIVE AREA

PC: 57+20.57

PT: 59+84.21

PC: 62+52.63

PT: 69+58.88

STH 19

CAUTION

MATCH LINE 56+00

MATCH LINE 70+00

ALLIANT ENERGY
OVERHEAD ELECTRIC

TDS FIBER OPTIC

AT&T FIBER OPTIC

TDS BLACK EARTH
TELEPHONE

SLOPE INTERCEPT (TYP)

TEMPORARY LIMITED
EASEMENT (TYP)

ERIC SLAVENS & ASHLEY K LOOMANS
9755 STATE HIGHWAY 19

ENVIRONMENTAL SENSITIVE AREA

TYLER ENDERS

FRANK R HOLZMAN
9697 STATE HIGHWAY 19

END REHABILITATION/BEGIN RECONSTRUCTION
STA 56+00

VPC STA 57+05.00
VPC EL 844.63

VPI STA 59+40.00
VPI EL 856.24

VPT STA 61+75.00
VPT EL 850.09

VCL = 600.00
K = 247.33

4.94%

-2.62%

FINISHED PROFILE AT R/L

VPI STA 66+96.00
VPI EL 836.45

VPT STA 69+96.00
VPT EL 835.87

VCL = 450.00
K = 109.16

VCL = 470.00
K = 62.19

HP STA 60+12.22
HP EL 852.22

VPC STA 63+96.00
VPC EL 844.30

VPT STA 56+79.00
VPT EL 843.34

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

EXISTING PROFILE R/L

56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
840.27	843.03	846.57	850.24	853.90	856.43	857.08	855.18	853.92	852.56	851.30	849.75	848.30	846.89	845.59
839.73	841.95	844.38	846.69	848.59	850.10	851.20	851.90	852.20	852.10	851.60	850.69	849.43	848.12	846.81

63	64	65	66	67	68	69	70
845.51	843.66	841.94	839.39	838.43	838.29	838.31	837.92	837.71	838.30	837.86	837.31	836.96	836.76
845.51	844.20	842.95	841.80	840.75	839.80	838.96	838.21	837.57	837.03	836.58	836.24	836.00	835.87

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 243	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050105

PLOT DATE : 7/27/2023 4:14 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

RICHARD J & CAROL J KERSTEN
9688 STATE HIGHWAY 19

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
20 LF CP CLASS III-A 24-INCH
IN: STA 72+72, 35.8' LT, ELEV 832.09
OUT: STA 72+92, 36.1' LT, ELEV 831.92
SLOPE 0.85%

RODNEY A HANKINS
9684 STATE HIGHWAY 19

DANA L SCHMITZ
9642 STATE HIGHWAY 19

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
18 LF CP CLASS III-A 18-INCH
IN: STA 81+60, 29.9' LT, ELEV 833.23
OUT: STA 81+42, 30.4' LT, ELEV 833.09
SLOPE 0.78%

SKB LLC
ADDRESS ???

N

ALLIANT ENERGY
OVERHEAD ELECTRIC

SLOPE INTERCEPT (TYP)

PROPOSED R/W (TYP)

JEFFERY S & DANA L KARLS

TIMOTHY A SANDERS

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
10 LF CP CLASS III-A 18-INCH
IN: STA 82+10, 27.6' LT, ELEV 833.45
OUT: STA 82+00, 27.9' LT, ELEV 833.35
SLOPE 1.00%

CAUTION

MG&E GAS

MATCH LINE 70+00

MATCH LINE 84+00

STH 19

STH 19

STH 19

TDS FIBER OPTIC

TDS BLACK EARTH TELEPHONE

AT&T FIBER OPTIC

FRANK R HOLZMAN
9697 STATE HIGHWAY 19

2 - APRON ENDWALLS FOR CPRCHE 34x53-INCH
56 LF CPRCHE CLASS HE-IV 34x53-INCH
IN: STA 75+67, 28.8' LT, ELEV 830.38
OUT: STA 75+65, 27.2' RT, ELEV 830.25
SLOPE 0.23%

DAWN M EVERT
ADDRESS ???

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
20 LF CP CLASS III-A 18-INCH
IN: STA 70+15, 30.9' RT, ELEV 832.80
OUT: STA 70+35, 31.4' RT, ELEV 832.65
SLOPE 0.75%

END/RECONSTRUCTION/BEGIN REHABILITATION
STA 71+00
MATCH EXISTING
SAW CUT REQ'D

2 - APRON ENDWALLS FOR CPRCHE 34x53-INCH
56 LF CPRCHE CLASS HE-IV 34x53-INCH
IN: STA 75+79, 28.8' LT, ELEV 830.38
OUT: STA 75+77, 27.2' RT, ELEV 830.25
SLOPE 0.23%

T 8 N
12
R 6 E

SECTION CENTER - RECORDED VALUE
X = 729054.359
Y = 522908.537

VCL = 150.00
K = 321.58

LP STA 77+16.61
LP EL 834.55

STA 82+62.00
EL 835.93

EXISTING PROFILE R/L

-0.19%

0.27%

FINISHED PROFILE AT R/L

VPC STA 76+55.00
VPC EL 834.61

VPI STA 77+30.00
VPI EL 834.47

VPT STA 78+05.00
VPT EL 834.67

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
EXISTING	836.76	836.43	836.11	835.71	835.47	835.33	835.22	835.19	835.17	834.92	834.92	834.88	834.78	834.68	834.52
FINISHED	835.87	835.77	835.67	835.58	835.48	835.39	835.29	835.20	835.10	835.00	834.91	834.81	834.72	834.62	834.56
EXISTING	834.51	834.68	834.79	835.10	835.29	835.47	835.67	835.61	835.55	835.76	835.91	836.22	836.60		
FINISHED	834.57	834.66	834.80	834.93	835.07	835.21	835.35	835.48	835.62	835.76	835.90	836.16	836.46	836.77	

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 244 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050106

PLOT DATE : 7/27/2023 4:15 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

SKB LLC

DAWN M EVERT

MATCH LINE 84+00

MATCH LINE 98+00

PC: 84+85.03

PT: 85+73.19

ALLIANT ENERGY
OVERHEAD ELECTRIC

CAUTION

MG&E GAS

PROPOSED R/W (TYP)

EXISTING R/W (TYP)

SLOPE INTERCEPT (TYP)

AT&T FIBER OPTIC

TDS BLACK EARTH
TELEPHONE

TDS FIBER OPTIC

STH 19

2 - APRON ENDWALLS FOR CPRCHE 19x30-INCH
38 LF CPRCHE CLASS HE-IV 19x30-INCH
IN: STA 89+07, 18.9' LT, ELEV 835.44
OUT: STA 89+08, 19.1' RT, ELEV 835.41
SLOPE 0.08%

2 - APRON ENDWALLS FOR CPRCHE 19x30-INCH
38 LF CPRCHE CLASS HE-IV 19x30-INCH
IN: STA 89+13, 18.9' LT, ELEV 835.44
OUT: STA 89+13, 19.1' RT, ELEV 835.41
SLOPE 0.08%

N

5

5

VPC STA 86+65.00
VPC EL 838.37

VPI STA 87+65.00
VPI EL 838.98

VPT STA 88+65.00
VPT EL 838.71

VCL = 150.00
K = 140.83

LP STA 89+93.97
LP EL 838.42

STA 95+08.00
EL 842.09

FINISHED PROFILE AT R/L

EXISTING PROFILE R/L

0.61%

-0.26%

0.80%

1.12%

HP STA 88+04.51
HP EL 838.79

VPC STA 89+57.00
VPC EL 838.47

VPI STA 90+32.00
VPI EL 838.27

VPT STA 91+07.00
VPT EL 838.88

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

VCL = 200.00
K = 230.45

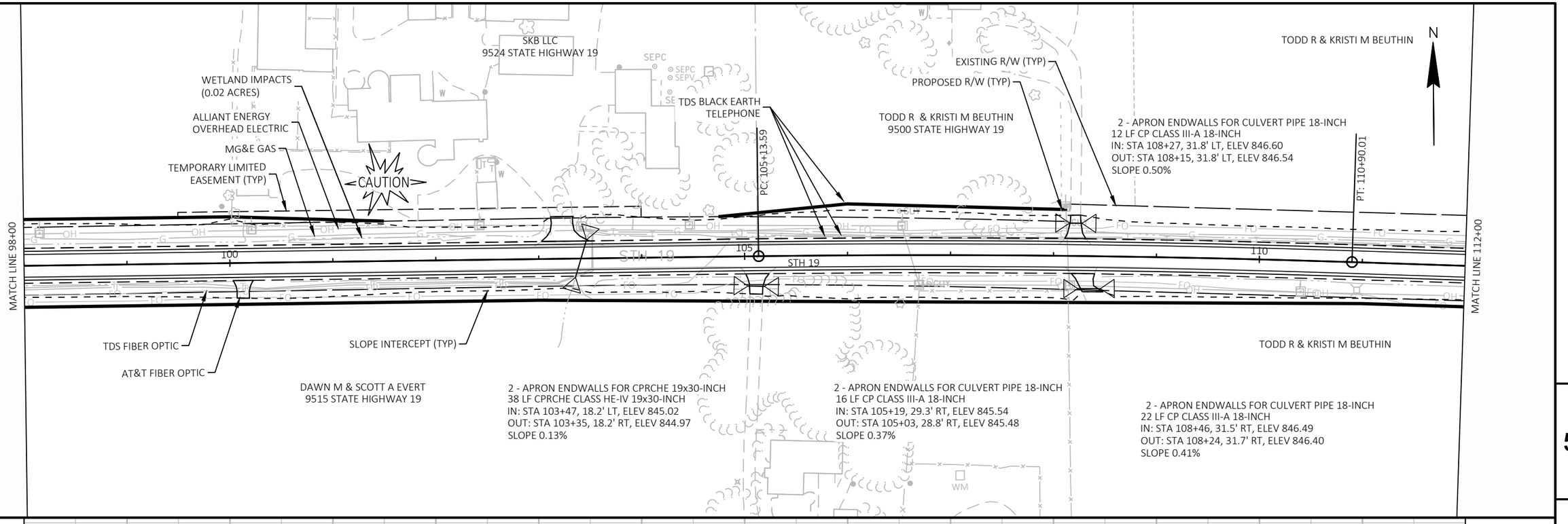
84	85	86	87	88	89	90	91	92	93	94	95	96	97	98
836.60	836.77	837.08	837.07	837.48	837.37	837.92	837.67	838.30	837.98	838.37	838.28	838.42	838.55	838.64	838.73	838.84	838.79	838.70	838.75	838.72	838.62	838.57	838.49	838.37	838.42	838.53	838.53	838.87	838.82	839.09	839.22	839.42	839.62	839.91	840.02	840.20	840.43	840.59	840.83	840.96	841.23	841.45	841.63	841.90	842.03	842.74	842.57	843.21	843.13	843.78	843.69	844.40	844.25	844.94	844.81	845.33	845.37

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 245	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050107

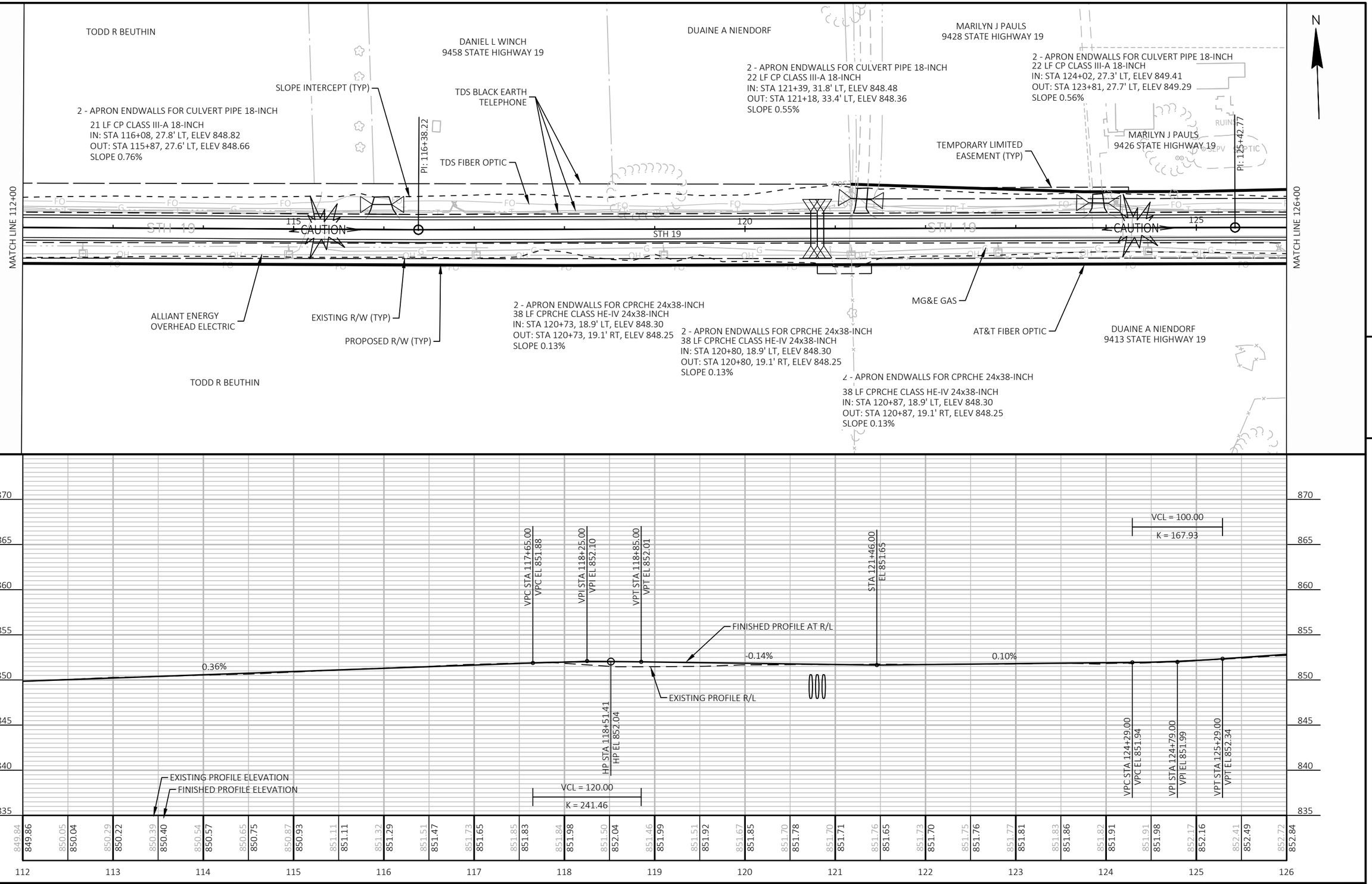
PLOT DATE : 7/27/2023 4:15 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 246	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050108
PLOT DATE : 7/27/2023 4:16 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

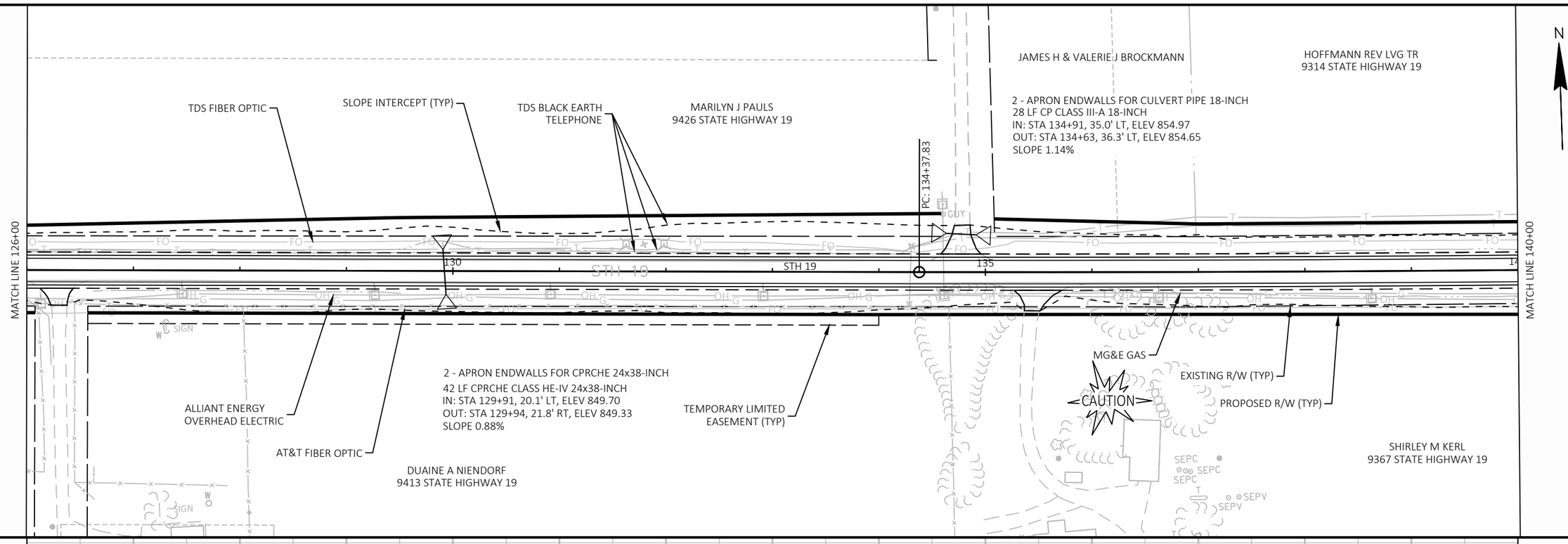


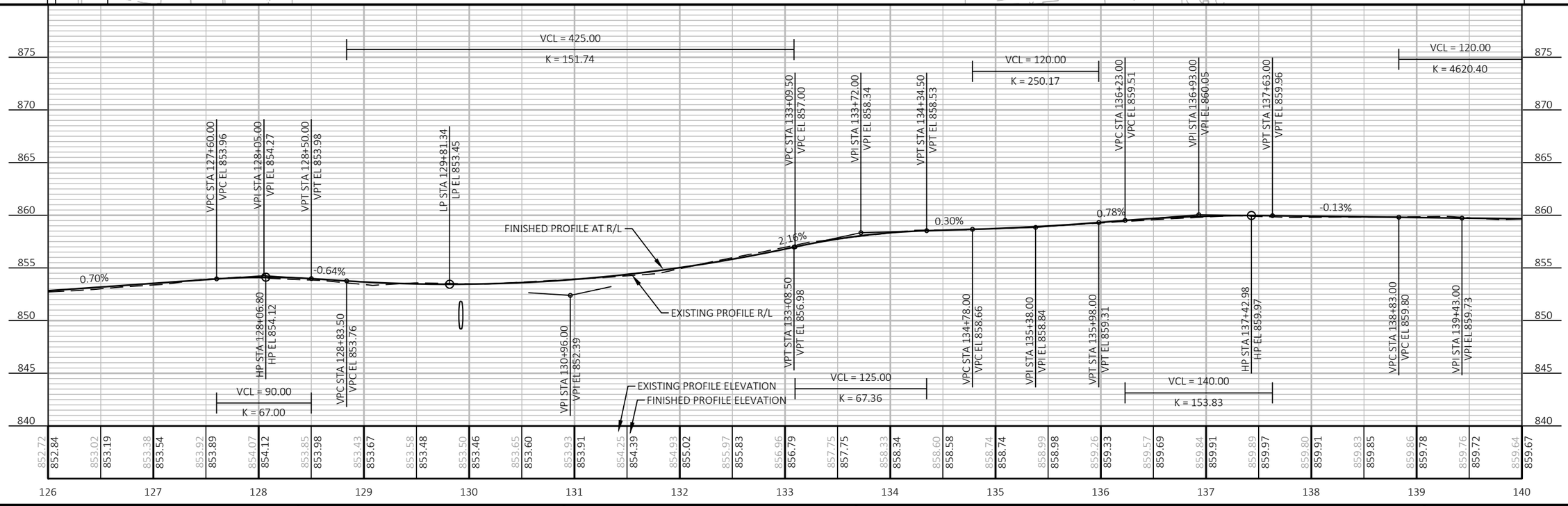
5

5

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 247	E

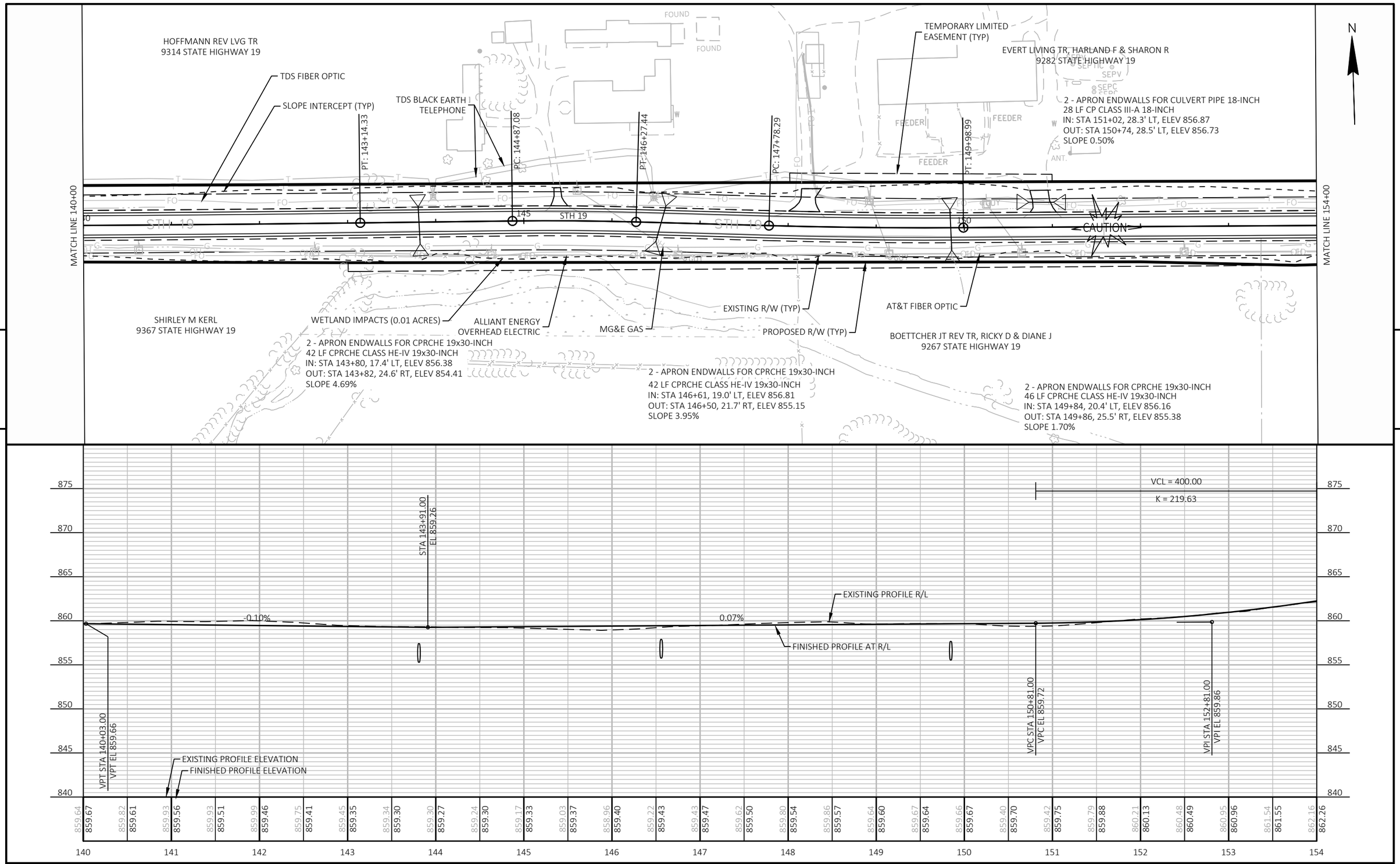
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050109
PLOT DATE : 7/27/2023 4:16 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





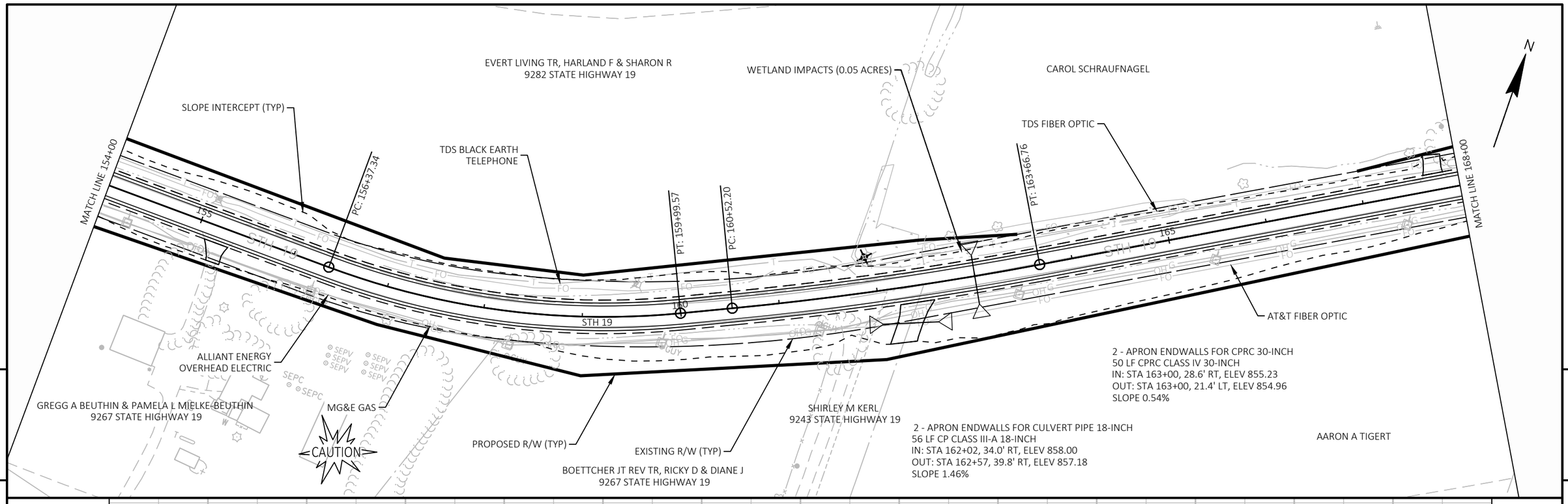
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 248	E

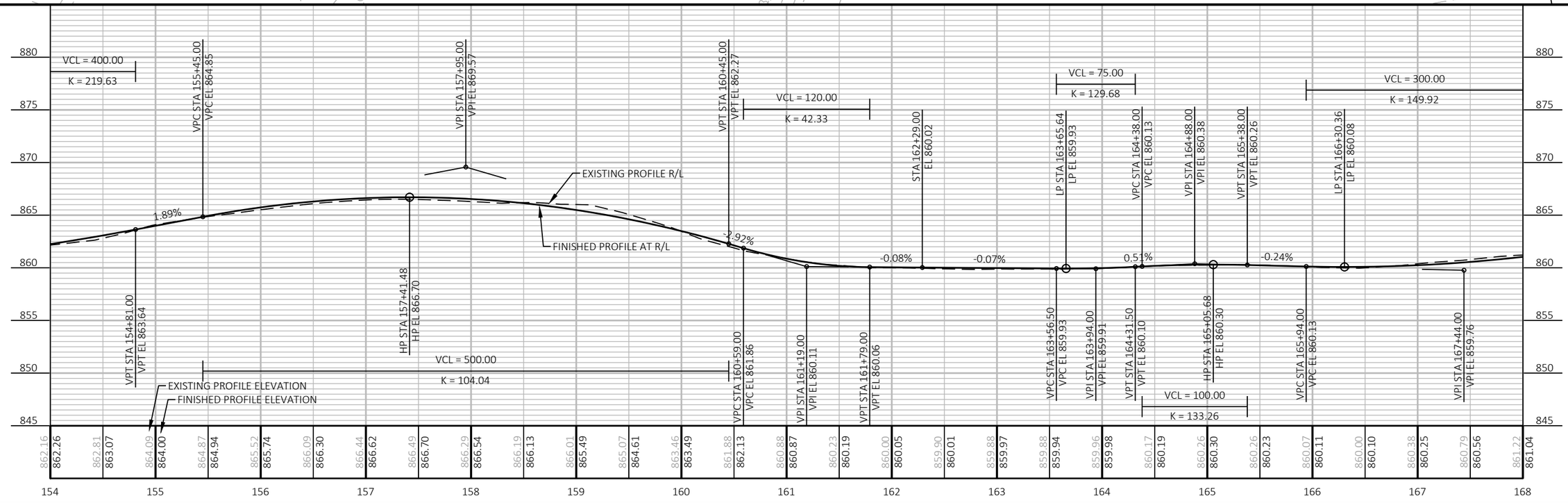
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050110
PLOT DATE : 7/27/2023 4:17 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



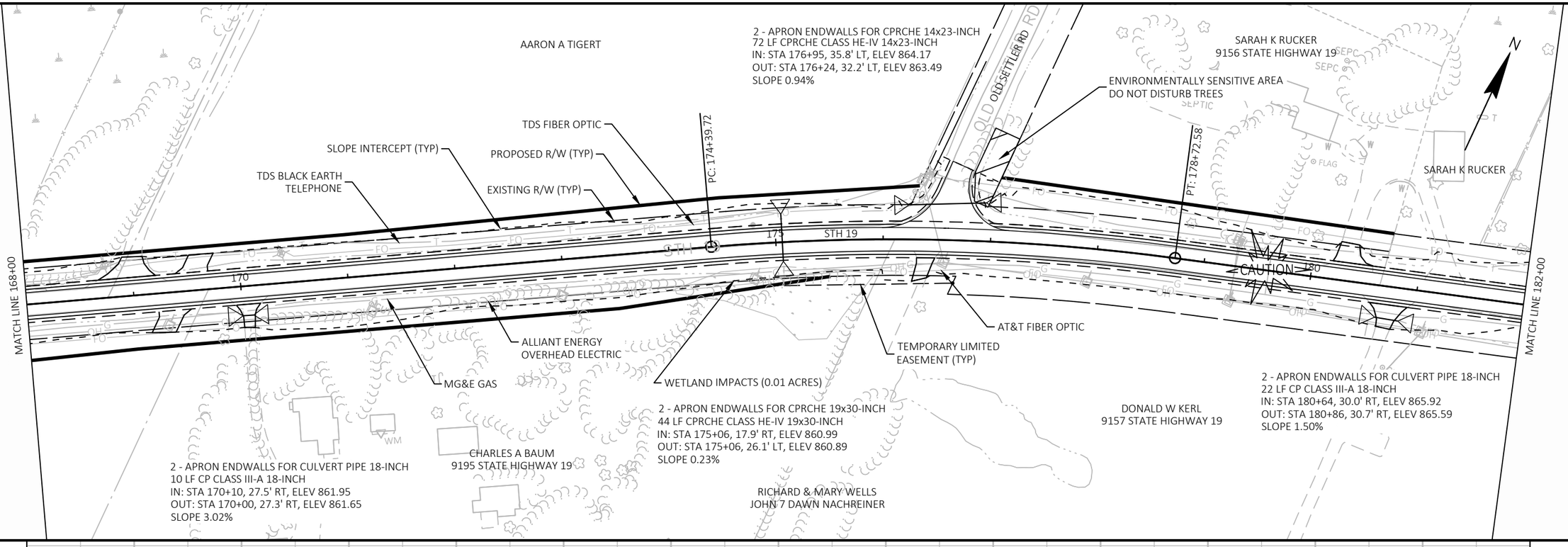
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 249	E

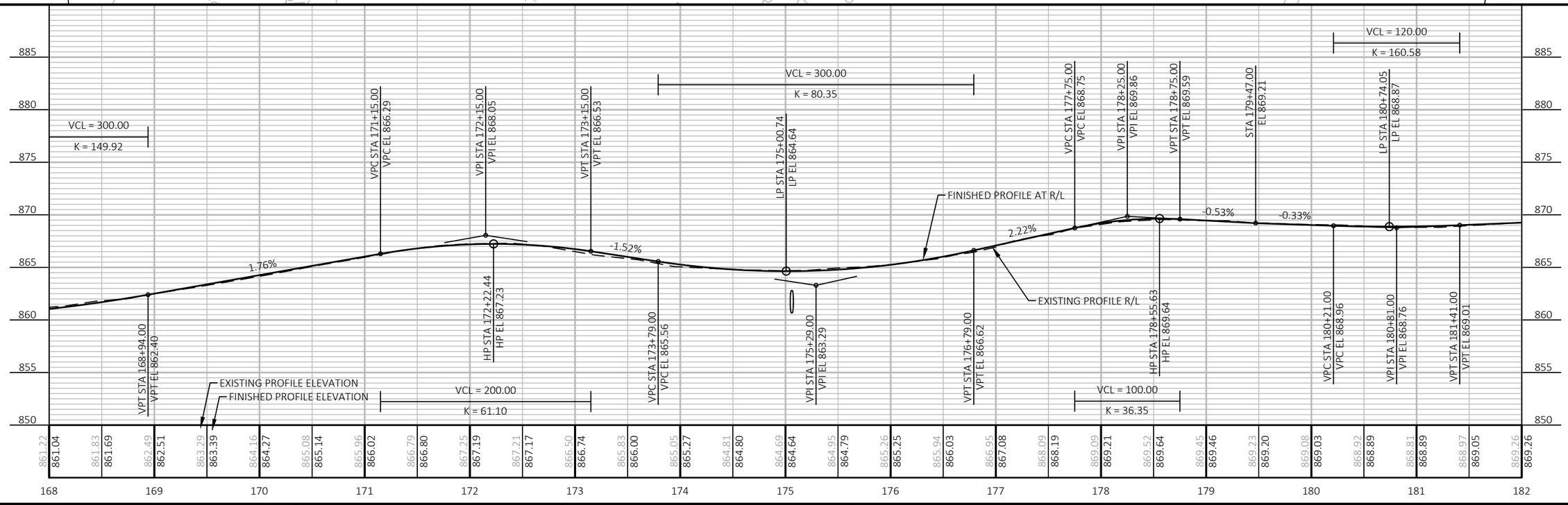
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050111
PLOT DATE : 7/27/2023 4:17 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 250	E





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 251	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050113
PLOT DATE : 7/27/2023 4:18 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

BRUCE W SESTON
9134 STATE HIGHWAY 19

WALLACE R HANSEN
6097 JACOBY DR

REGINALD J ZIEGLER

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
14 LF CP CLASS III-A 18-INCH
IN: STA 185+07, 33.5' LT, ELEV 867.50
OUT: STA 184+93, 34.2' LT, ELEV 866.95
SLOPE 3.92%

PC: 185+32.81

EXISTING R/W (TYP)

SLOPE INTERCEPT (TYP)

TDS BLACK EARTH
TELEPHONE

JACOBY DR

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
30 LF CP CLASS III-A 18-INCH
IN: STA 190+52, 36.9' LT, ELEV 868.30
OUT: STA 190+81, 37.2' LT, ELEV 868.10
SLOPE 0.68%

TDS FIBER OPTIC

PT: 192+55.09

EAT POST #1
STA 194+06
20.0' LT

STH 19

CAUTION

MATCH LINE 182+00

MATCH LINE 196+00

TEMPORARY LIMITED
EASEMENT (TYP)

ALLIANT ENERGY
OVERHEAD ELECTRIC

MG&E GAS

GROWMARK INC
9119 STATE HIGHWAY 19

AT&T FIBER OPTIC

EAT POST #1
STA 193+58
20' RT

STRUCTURE B-13-0796

WETLAND IMPACTS (0.05 ACRES)

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
70 LF CPCS 24-INCH
IN: STA 182+99, 33.0' LT, ELEV 862.60
OUT: STA 182+99, 37.0' RT, ELEV 861.28
SLOPE 1.89%

2 - APRON ENDWALLS FOR PIPE ARCH STEEL 21x15-INCH
30 LF PACS 21X15-INCH
IN: STA 190+07, 29.5' RT, ELEV 867.44
OUT: STA 190+37, 29.9' RT, ELEV 867.31
SLOPE 0.44%

DANCHUK SURVIVORS TR
9091 STATE HIGHWAY 19

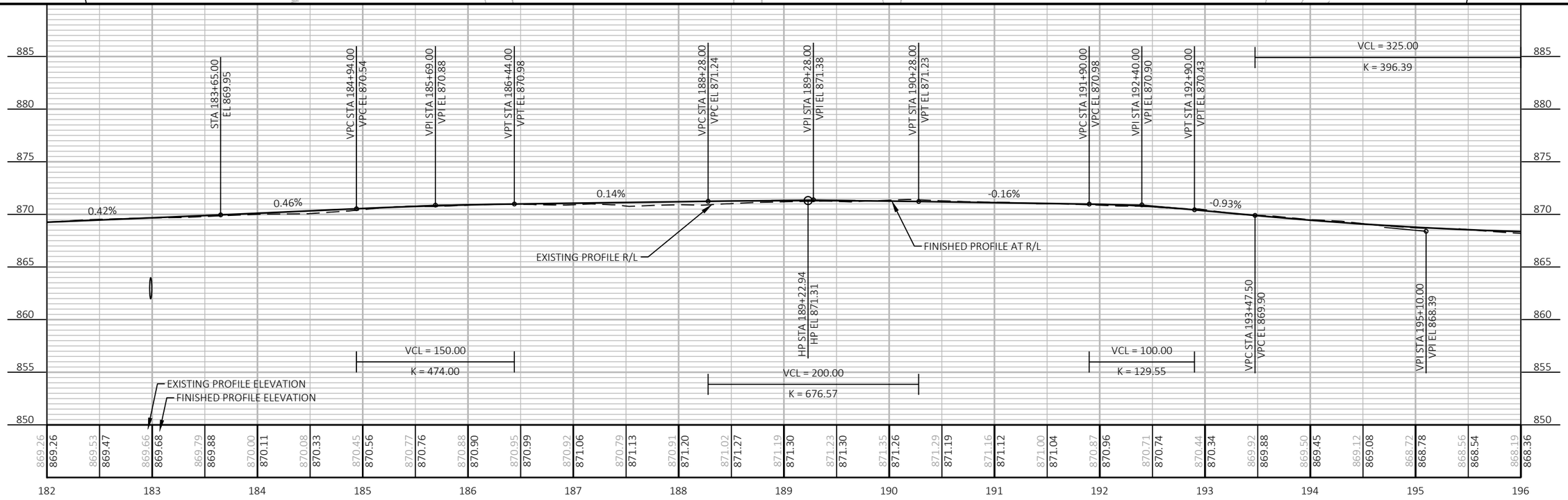
2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
24 LF CP CLASS III-A 18-INCH
IN: STA 192+80, 30.9' RT, ELEV 867.20
OUT: STA 193+04, 31.2' RT, ELEV 867.10
SLOPE 0.42%

DONALD W KERL
9157 STATE HIGHWAY 19

N

5

5



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 252	E

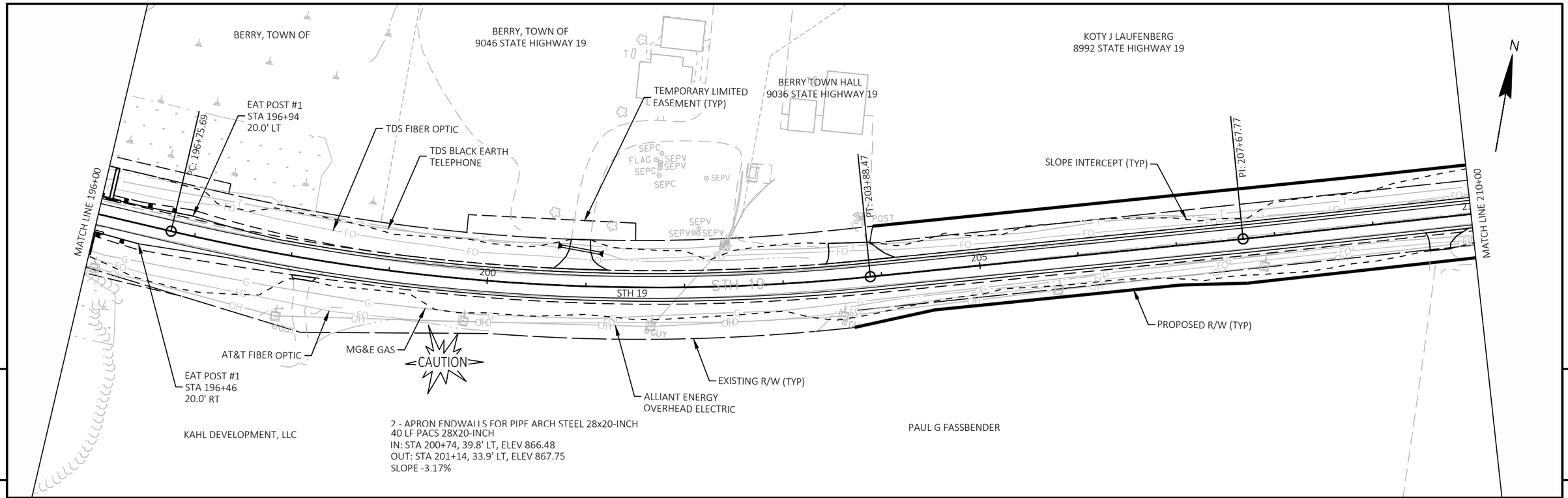
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050114

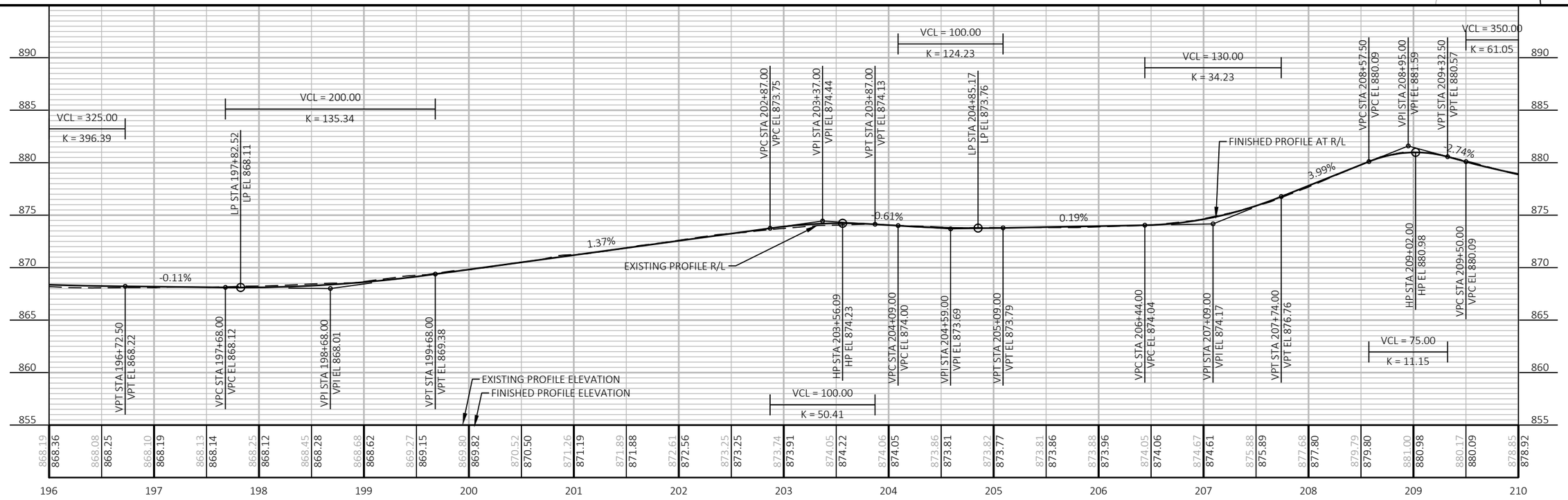
PLOT DATE : 7/27/2023 4:19 PM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:100 FT



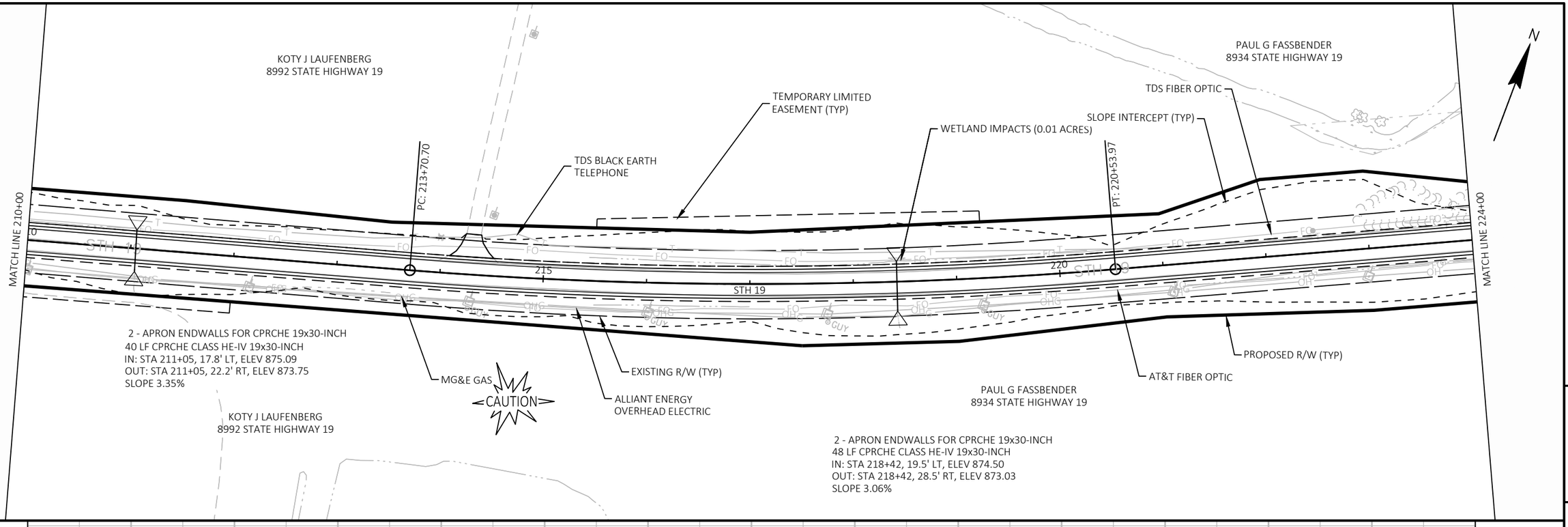


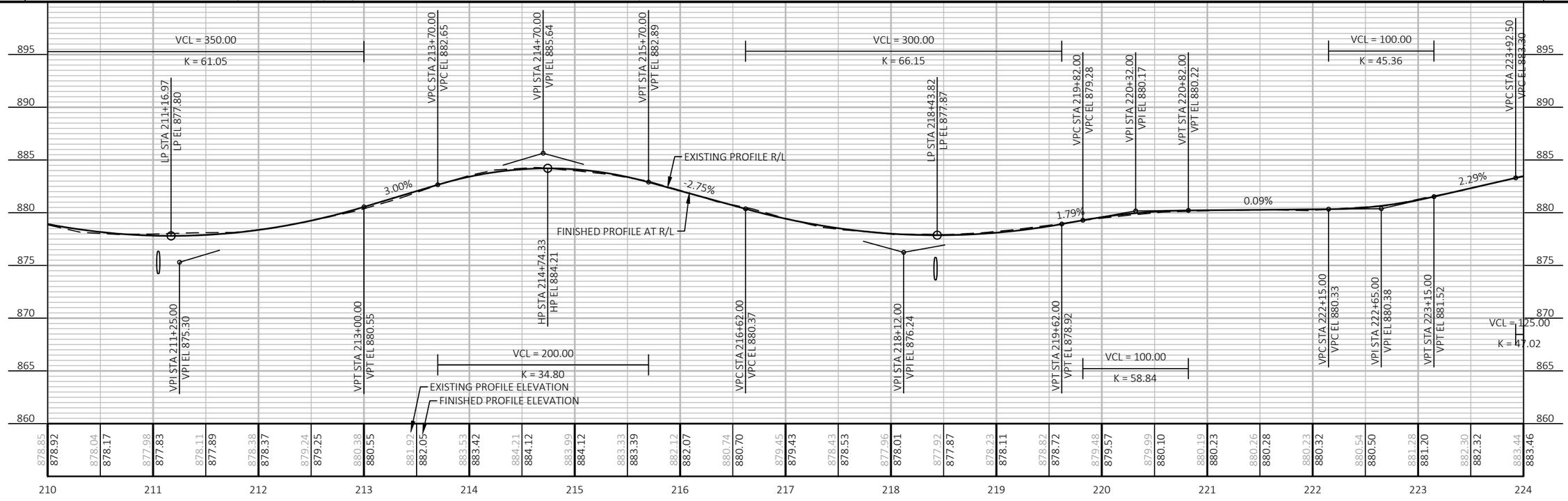
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 253	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050115

PLOT DATE : 7/27/2023 4:19 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 254	E

PAUL G FASSBENDER
8934 STATE HIGHWAY 19

EVERT LIVING TR, HARLAND F & SHARON R
8916 STATE HIGHWAY 19

EVERT LIVING TR, HARLAND F & SHARON R
8916 STATE HIGHWAY 19

TDS FIBER OPTIC

TDS BLACK EARTH TELEPHONE

SLOPE INTERCEPT (TYP)

TEMPORARY LIMITED EASEMENT (TYP)

PI: 227+86.62

PI: 234+86.09

PC: 237+31.49

MATCH LINE 224+00

MATCH LINE 238+00

STH 19

CAUTION

CAUTION

MG&E GAS

ALLIANT ENERGY OVERHEAD ELECTRIC

AT&T FIBER OPTIC

EXISTING R/W (TYP)

PROPOSED R/W (TYP)

PAUL G FASSBENDER
8934 STATE HIGHWAY 19

EVERT LIVING TR, HARLAND F & SHARON R
8916 STATE HIGHWAY 19

EVERT LIVING TR, HARLAND F & SHARON R
6100 COUNTY HIGHWAY KP

CTH KP

END REHABILITATION/BEGIN RECONSTRUCTION
STA 225+50

BEGIN REHABILITATION/END RECONSTRUCTION
STA 237+50

VCL = 175.00
K = 129.36

VCL = 280.00
K = 102.28

VCL = 165.00
K = 103.93

VCL = 125.00
K = 47.02

VCL = 280.00
K = 143.57

VCL = 210.00
K = 86.18

VPI STA 224+55.00
VPI EL 884.73

VPT STA 225+17.50
VPT EL 884.50

LP STA 225+99.97
LP EL 884.29

VPC STA 227+50.00
VPC EL 885.14

VPI STA 228+90.00
VPI EL 886.52

VPT STA 230+30.00
VPT EL 885.17

LP STA 232+18.64
LP EL 883.82

VPC STA 234+05.00
VPC EL 885.52

VPI STA 235+10.00
VPI EL 887.38

VPT STA 236+15.00
VPT EL 886.68

LP STA 236+46.46
LP EL 886.44

HP STA 225+00.25
HP EL 884.53

VPC STA 225+52.50
VPC EL 884.37

VPI STA 226+40.00
VPI EL 884.05

VPT STA 227+27.50
VPT EL 884.91

HP STA 228+91.54
HP EL 885.83

VPC STA 231+20.00
VPC EL 884.30

VPI STA 232+60.00
VPI EL 882.95

VPT STA 234+00.00
VPT EL 885.43

HP STA 235+57.82
HP EL 886.87

VPC STA 236+17.50
VPC EL 886.67

VPI STA 237+00.00
VPI EL 886.12

VPT STA 237+82.50
VPT EL 886.88

-0.37%

0.99%

-0.96%

1.72%

-0.06%

EXISTING PROFILE R/L

FINISHED PROFILE AT R/L

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

900 895 890 885 880 875 870 865

224 225 226 227 228 229 230 231 232 233 234 235 236 237 238

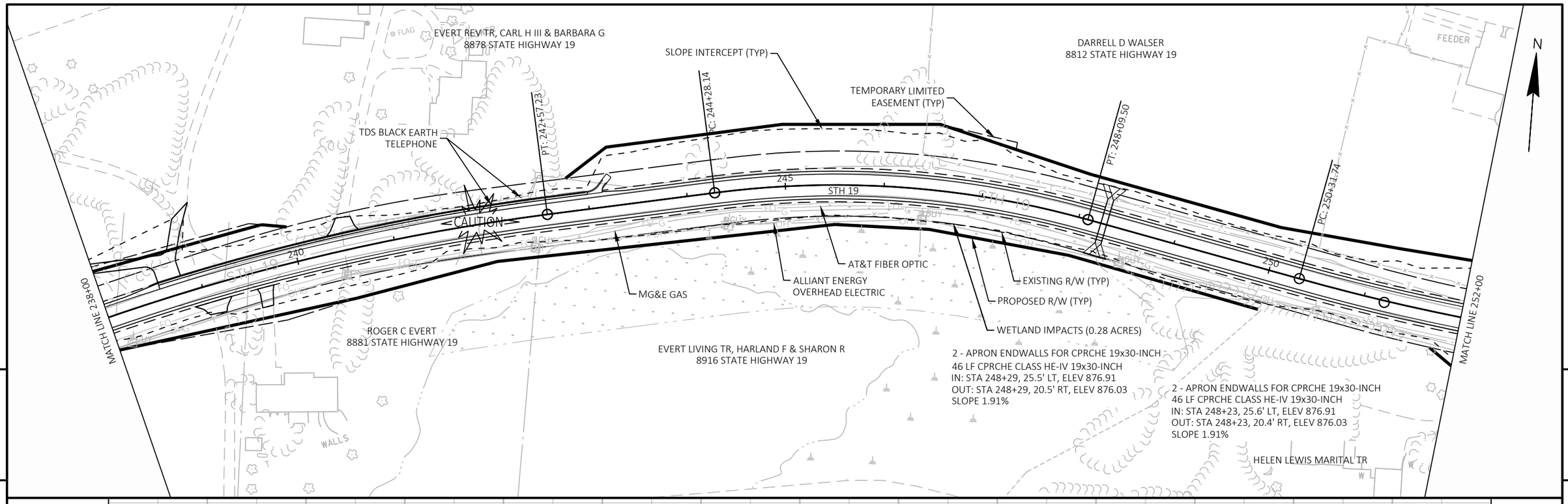
883.44 883.46 884.36 884.26 884.43 884.53 884.28 884.38 884.33 884.29 884.50 884.38 884.78 884.67 885.34 885.14 885.93 885.54 886.59 885.77 887.15 885.83 887.54 885.71 887.57 885.42 886.96 884.97 885.77 884.49 884.76 884.05 884.17 883.84 884.07 883.87 884.11 884.15 884.57 884.67 885.97 885.43 887.64 886.20 888.51 886.68 888.57 886.87 887.79 886.77 887.15 886.50 886.83 886.45 886.74 886.63 886.88 887.04

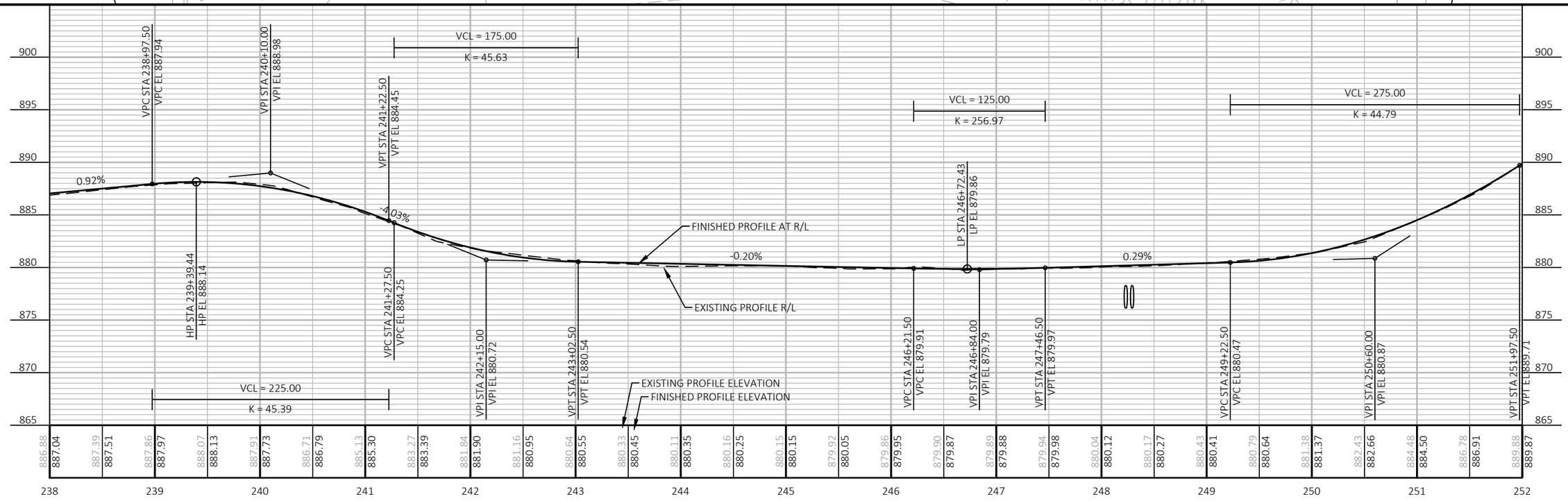
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 255	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050117

PLOT DATE : 7/27/2023 4:20 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

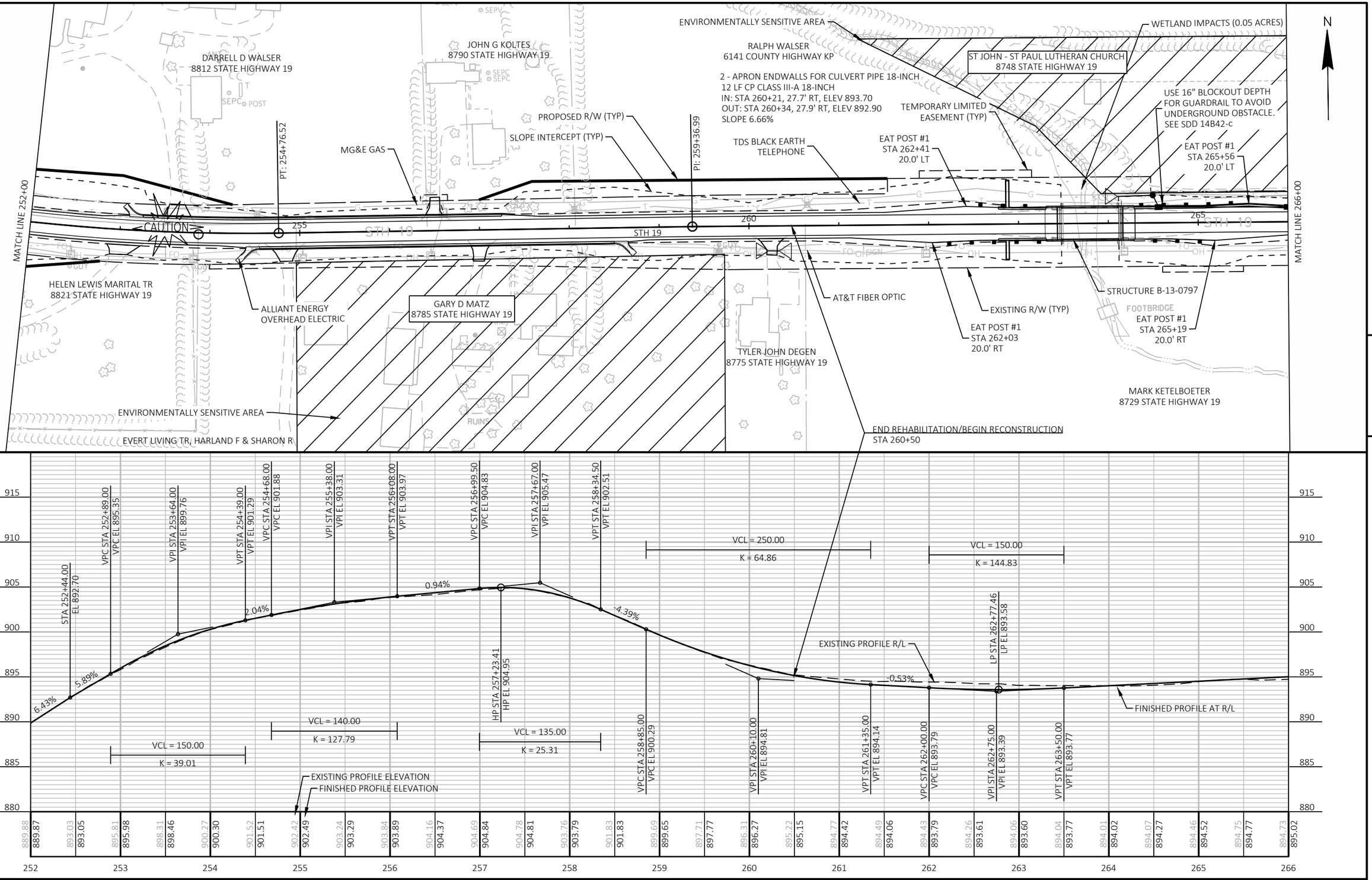
WISDOT/CADDS SHEET 44





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 256	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050118
PLOT DATE : 7/27/2023 4:21 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 257	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050119
PLOT DATE : 7/27/2023 4:21 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

ENVIRONMENTALLY SENSITIVE AREA

ST JOHN - ST PAUL LUTHERAN CHURCH
8748 STATE HIGHWAY 19

RALPH WALSER
6141 COUNTY HIGHWAY KP

MG&E GAS

TDS BLACK EARTH
TELEPHONE

CTH KP

PI: 272+91.98

TEMPORARY LIMITED
EASEMENT (TYP)

CHAD H WEBERG
6138 COUNTY HIGHWAY KP

STEVEN E BALLWEG

PROPOSED R/W (TYP)

SLOPE INTERCEPT (TYP)

N

MATCH LINE 266+00

MATCH LINE 280+00

CAUTION

STH 19

ALLIANT ENERGY
OVERHEAD ELECTRIC

AT&T FIBER OPTIC

TDS CROSS PLAINS
TELEPHONE

EXISTING R/W (TYP)

MARK KETELBOETER
8729 STATE HIGHWAY 19

ENVIRONMENTALLY SENSITIVE AREA

CARL M KETELBOETER
8701 STATE HIGHWAY 19

JOHN E MEINHOLZ

DUANE L HAAG
8691 STATE HIGHWAY 19

ZACHARY WIERICHS
8711 STATE HIGHWAY 19

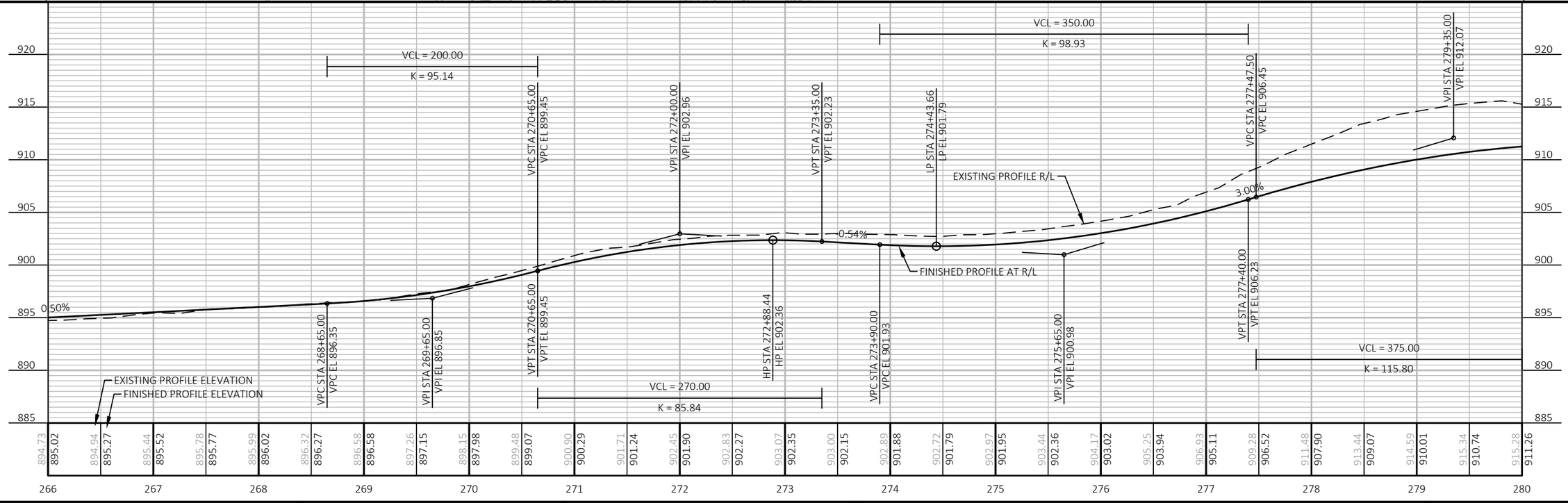
MARCY E KREISER
8707 STATE HIGHWAY 19

DUANE L HAAG
8691 STATE HIGHWAY 19

ZACHARY WIERICHS
8711 STATE HIGHWAY 19

5

5



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 258	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050120

PLOT DATE : 7/27/2023 4:22 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

STEVEN E BALLWEG

2 - APRON ENDWALLS FOR CPRCHE 38x60-INCH
55 LF CPRCHE CLASS HE-III 38x60-INCH
IN: STA 287+99, 27.2' LT, ELEV 903.46
OUT: STA 287+94, 27.9' RT, ELEV 903.25
SLOPE 0.38%

2 - APRON ENDWALLS FOR CPRCHE 38x60-INCH
55 LF CPRCHE CLASS HE-III 38x60-INCH
IN: STA 288+07, 27.2' LT, ELEV 903.46
OUT: STA 288+02, 28.0' RT, ELEV 903.25
SLOPE 0.38%

STEVEN E BALLWEG
8622 STATE HIGHWAY 19

2 - APRON ENDWALLS FOR CULVERT PIPE 30-INCH
46 LF CP CLASS III-A 30-INCH
IN: STA 288+69, 33.9' LT, ELEV 905.45
OUT: STA 288+23, 40.0' LT, ELEV 904.60
SLOPE 1.85%

N

PI: 280+28.17

MG&E GAS — CAUTION

PROPOSED R/W (TYP)

SLOPE INTERCEPT (TYP)

PI: 288+02.77

MATCH LINE 280+00

MATCH LINE 294+00

STH 19

DUANE L HAAG
8653 STATE HIGHWAY 19

TDS CROSS PLAINS
TELEPHONE

ALLIANT ENERGY
OVERHEAD ELECTRIC

DUANE L HAAG
8691 STATE HIGHWAY 19

MARX IRREV TR, RONALD & JUDITH

BEGIN REHABILITATION/END RECONSTRUCTION
STA 283+00

AT&T FIBER OPTIC

2 - APRON ENDWALLS FOR CULVERT PIPE 30-INCH
50 LF CP CLASS III-A 30-INCH
IN: STA 286+33, 22.4' LT, ELEV 903.44
OUT: STA 286+17, 24.8' RT, ELEV 902.77
SLOPE 1.34%

EXISTING R/W (TYP)

TEMPORARY LIMITED
EASEMENT (TYP)

MARX IRREV TR, RONALD & JUDITH
8613 STATE HIGHWAY 19

5

5

930 925 920 915 910 905 900 895

VPT STA 281+22.50
VPT EL 911.61

VPC STA 283+50.00
VPC EL 911.06

VPI STA 283+95.00
VPI EL 910.95

VPT STA 284+40.00
VPT EL 910.04

VPC STA 284+47.50
VPC EL 909.89

VPI STA 285+85.00
VPI EL 907.12

LP STA 286+16.99
LP EL 908.19

VPT STA 287+22.50
VPT EL 908.85

VPC STA 287+82.00
VPC EL 909.59

VPI STA 288+32.00
VPI EL 910.22

HP STA 288+51.11
HP EL 910.03

VPT STA 288+82.00
VPT EL 909.94

VPC STA 289+43.00
VPC EL 909.60

LP STA 289+85.43
LP EL 909.48

VPI STA 290+93.00
VPI EL 908.76

VPT STA 292+43.00
VPT EL 913.86

STA 293+48.00
EL 917.42

HP STA 280+94.35
HP EL 911.64

VCL = 375.00
K = 115.80

VCL = 275.00
K = 84.23

VCL = 90.00
K = 50.87

VCL = 100.00
K = 55.17

VCL = 300.00
K = 75.79

-0.24%
-2.01%
1.25%
-0.56%
3.40%
3.75%

EXISTING PROFILE ELEVATION
FINISHED PROFILE ELEVATION
FINISHED PROFILE AT R/L
EXISTING PROFILE R/L

915.28 911.26 | 914.61 911.56 | 913.55 911.64 | 912.62 911.54 | 911.63 911.42 | 911.22 911.30 | 911.00 911.18 | 910.99 911.06 | 910.64 910.69 | 909.87 909.84 | 908.84 909.00 | 908.23 908.45 | 908.22 908.20 | 908.35 908.25 | 908.55 908.60 | 909.20 909.19 | 909.63 909.79 | 910.02 910.03 | 909.69 909.84 | 909.42 909.56 | 909.45 909.49 | 909.79 909.75 | 910.42 910.34 | 911.41 911.27 | 912.69 912.52 | 914.24 914.09 | 915.91 915.79 | 917.49 917.50 | 919.39 919.38

280 281 282 283 284 285 286 287 288 289 290 291 292 293 294

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 259	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050121

PLOT DATE : 7/27/2023 4:23 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

STEVEN E & BETTY L BALLWEG

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
24 LF CP CLASS III-A 24-INCH
IN: STA 303+19, 32.0' LT, ELEV 922.00
OUT: STA 303+43, 32.0' LT, ELEV 921.90
SLOPE 0.40%

CAROLE M KNOPP
8566 STATE HIGHWAY 19

ALEXANDER J GEMRICH & SARAH L CRITTENDEN

2 - APRON ENDWALLS FOR CULVERT PIPE 30-INCH
36 LF CP CLASS III-A 30-INCH
IN: STA 307+32, 35.4' LT, ELEV 921.70
OUT: STA 306+96, 39.5' LT, ELEV 919.10
SLOPE 7.22%

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
24 LF CP CLASS III-A 24-INCH
IN: STA 304+71, 32.0' LT, ELEV 921.43
OUT: STA 304+95, 32.0' LT, ELEV 921.26
SLOPE 0.71%

LINDA L LEESE
8550 STATE HIGHWAY 19

N

CAUTION

MG&E GAS

TEMPORARY LIMITED EASEMENT (TYP)

MG&E OVERHEAD ELECTRIC

WETL

ACRES)

MATCH LINE 294+00

MATCH LINE 308+00

295

300

305

STH 19

SLOPE INTERCEPT (TYP)

PROPOSED R/W (TYP)

AT&T FIBER OPTIC

TDS CROSS PLAINS TELEPHONE

EXISTING R/W (TYP)

MARX IRREV TR, RONALD & JUDITH
8613 STATE HIGHWAY 19

DONALD J KETELBOETER
8699 COUNTY HIGHWAY K

END REHABILITATION/BEGIN RECONSTRUCTION
STA 305+00

2 - APRON ENDWALLS FOR CPRCHE 58x91-INCH
54 LF CPRCHE CLASS HE-III 58x91-INCH
IN: STA 306+22, 27.0' LT, ELEV 916.43
OUT: STA 306+22, 27.0' RT, ELEV 916.12
SLOPE 0.57%

2 - APRON ENDWALLS FOR CPRCHE 58x91-INCH
54 LF CPRCHE CLASS HE-III 58x91-INCH
IN: STA 306+34, 27.5' LT, ELEV 916.43
OUT: STA 306+34, 26.5' RT, ELEV 916.12
SLOPE 0.57%

5

5

940
935
930
925
920
915
910
905

VPC STA 294+49.00
VPC EL 921.21

VPI STA 294+99.00
VPI EL 923.09

VPT STA 295+49.00
VPT EL 924.44

VPC STA 296+46.00
VPC EL 927.08

VPI STA 297+71.00
VPI EL 930.46

VPT STA 298+96.00
VPT EL 928.78

VCL = 100.00
K = 101.84

2.71%

-1.35%

HP STA 298+12.84
HP EL 929.34

VCL = 250.00
K = 61.52

VCL = 100.00
K = 96.23

EXISTING PROFILE ELEVATION
FINISHED PROFILE ELEVATION

EXISTING PROFILE R/L

-0.37%

FINISHED PROFILE AT R/L

STA 303+42.00
EL 925.04

-0.43%

STA 304+73.00
EL 924.48

-0.04%

LP STA 305+20.00
LP EL 924.46

VCL = 450.00
K = 131.52

VPC STA 300+58.00
VPC EL 926.59

VPI STA 301+08.00
VPI EL 925.91

VPT STA 301+58.00
VPT EL 925.72

VPC STA 305+15.00
VPC EL 924.47

VPI STA 307+40.00
VPI EL 924.38

919.39 919.38
921.32 921.25
922.85 922.99
924.51 924.47
925.74 925.83
927.15 927.18
928.24 928.30
928.88 929.02
929.19 929.32
929.17 929.23
928.73 928.72
928.21 928.05
927.48 927.37
926.91 926.69
926.16 926.10
925.77 925.76
925.61 925.57
925.48 925.38
925.19 925.20
924.94 925.01
924.92 924.80
924.71 924.58
924.49 924.47
924.44 924.50
924.59 924.71
925.05 925.11
925.55 925.70
926.20 926.48
927.27 927.45

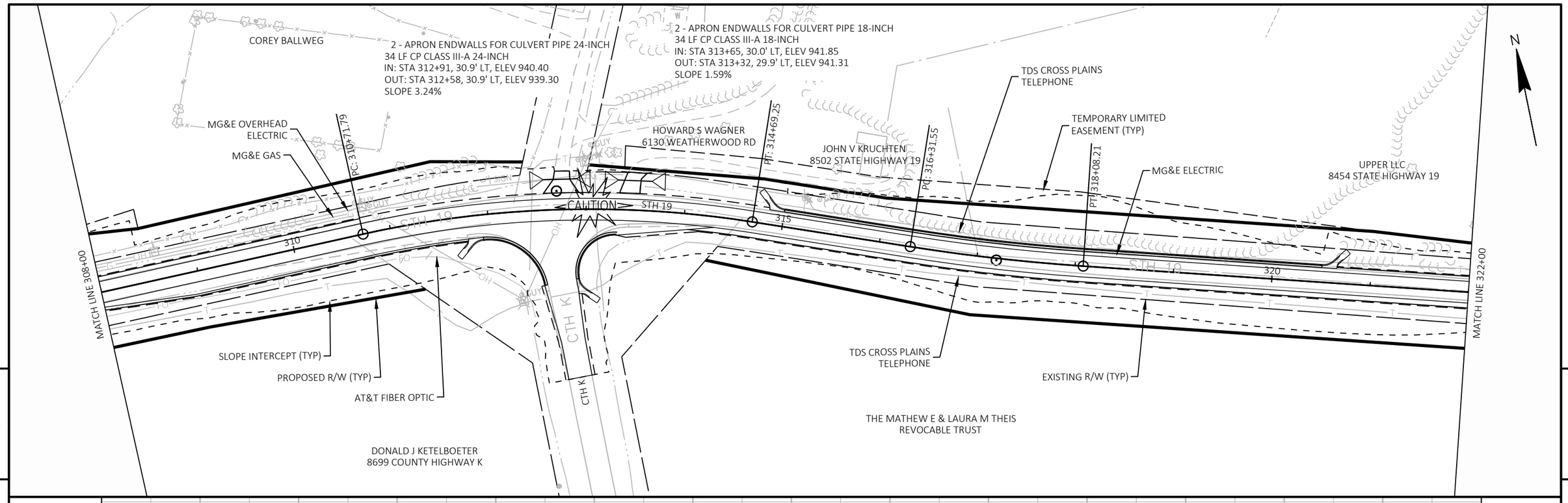
294 295 296 297 298 299 300 301 302 303 304 305 306 307 308

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 260	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050122

PLOT DATE : 7/27/2023 4:23 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

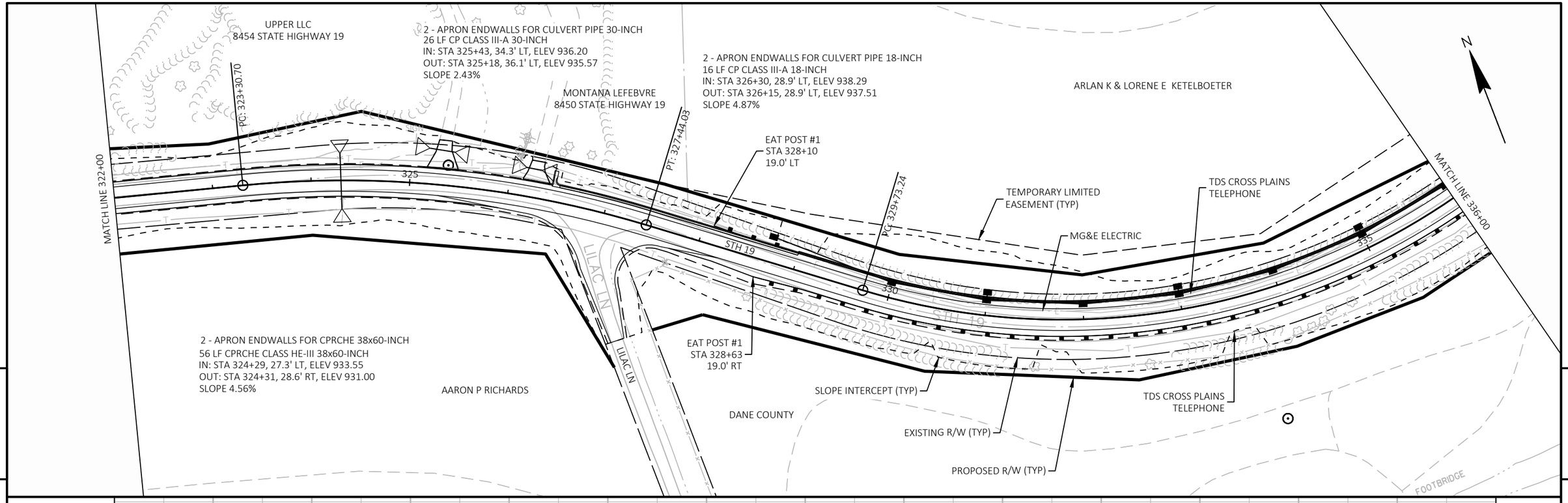


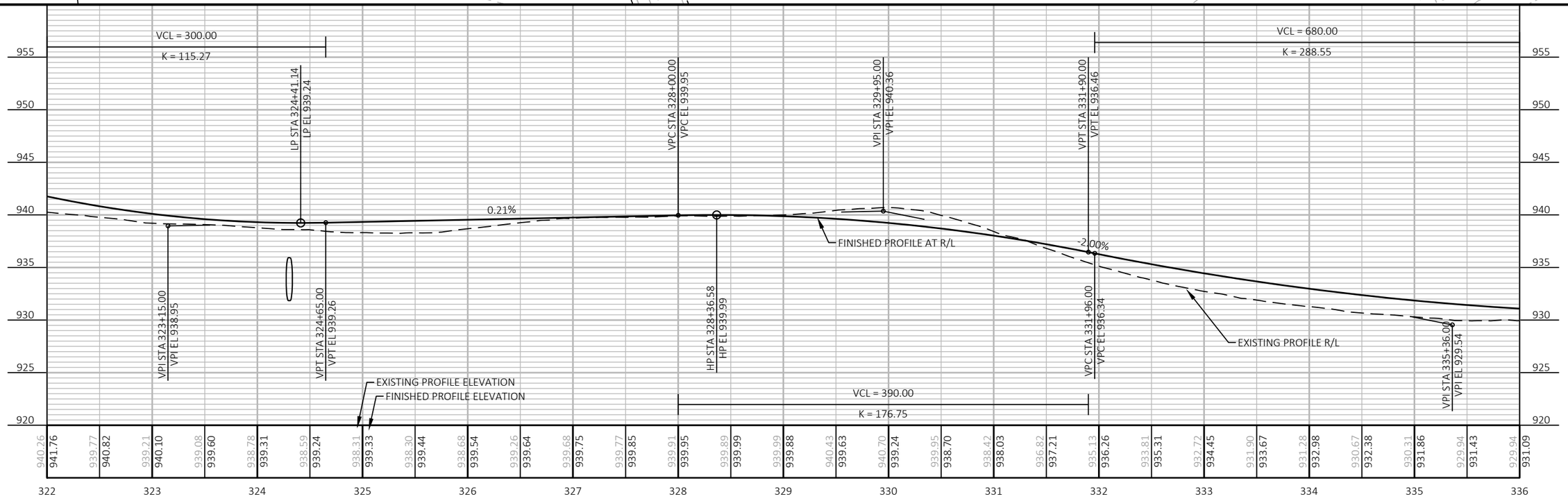
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 261	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050123

PLOT DATE : 7/27/2023 4:24 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

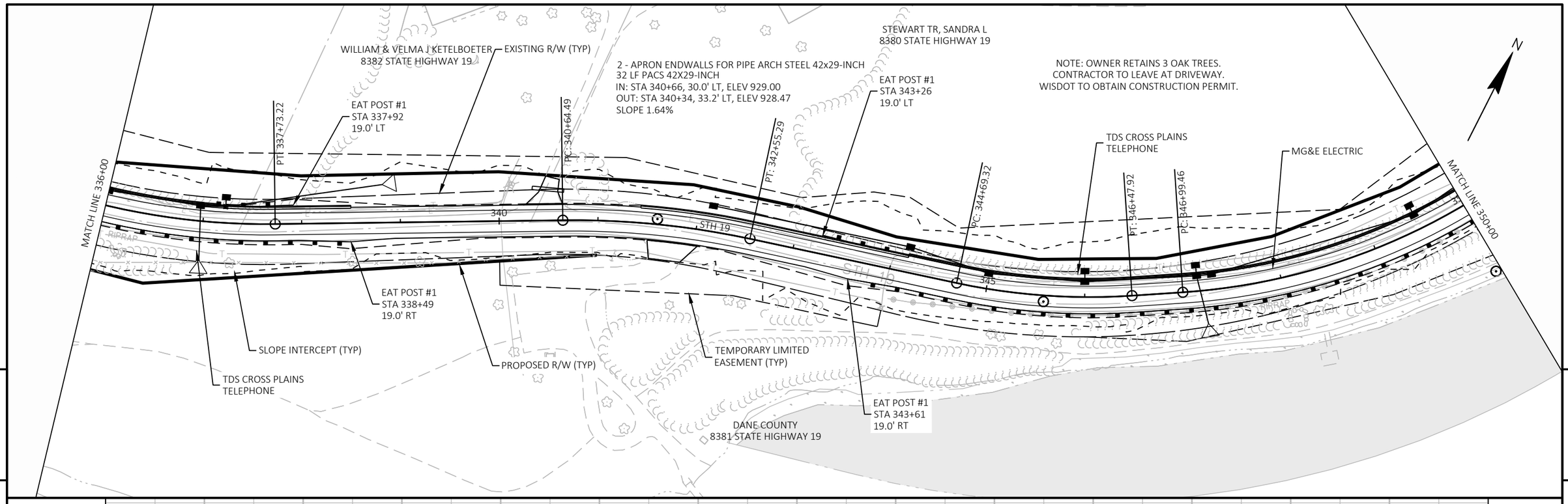
WISDOT/CADDS SHEET 44





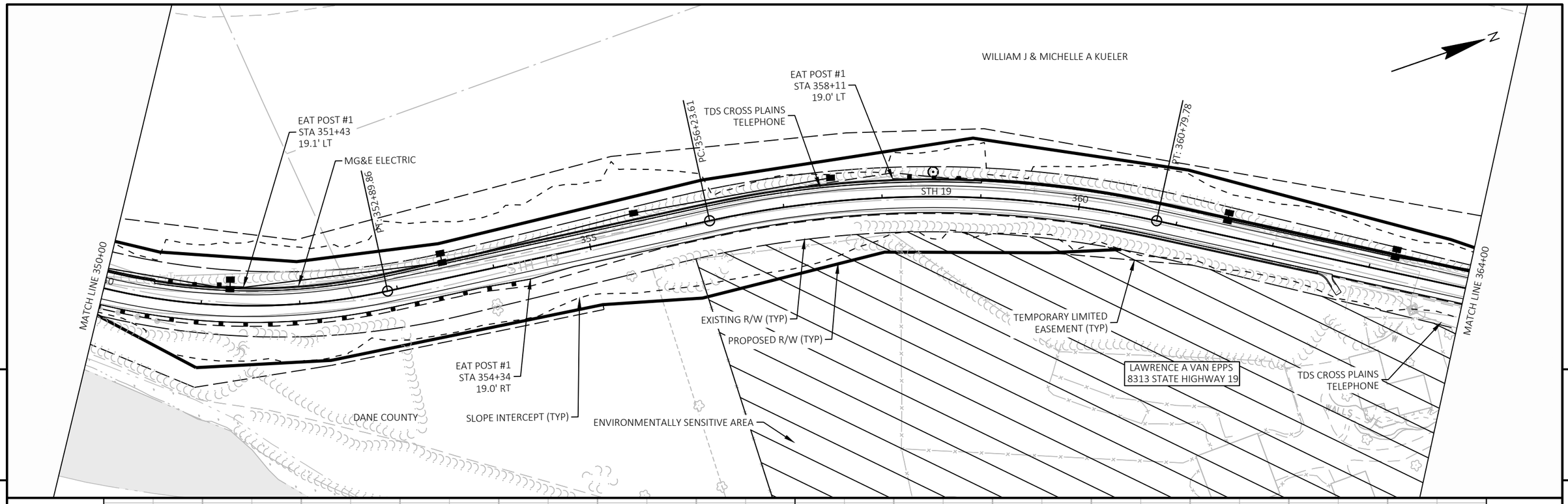
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 262	E

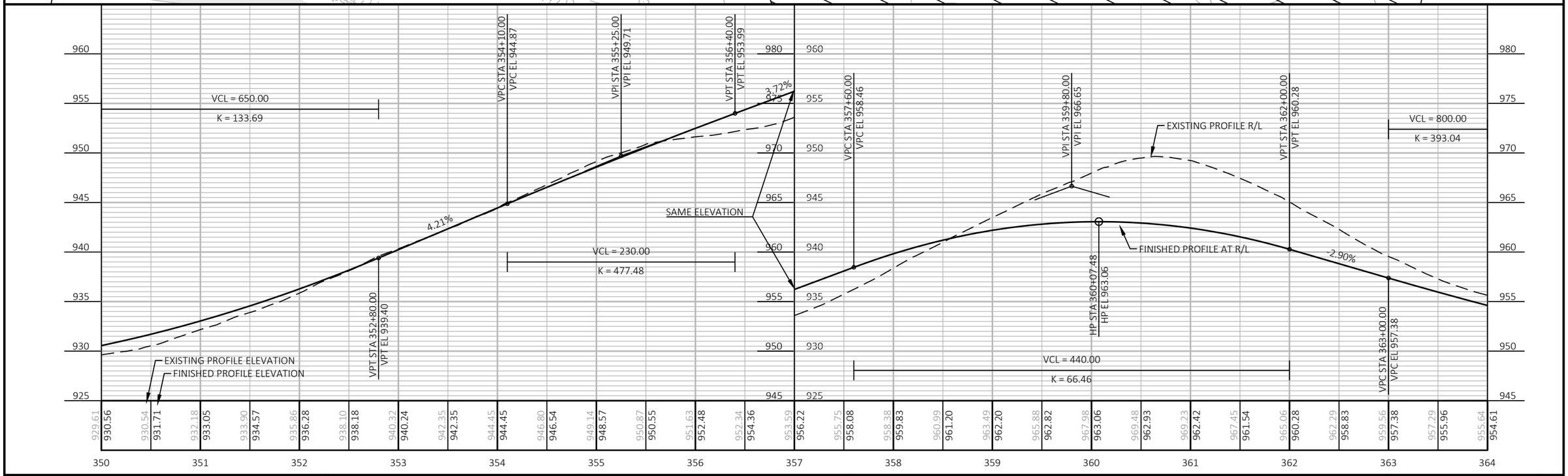
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050124
PLOT DATE : 7/27/2023 4:24 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 263 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050125
PLOT DATE : 7/27/2023 4:25 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 264	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050126
PLOT DATE : 7/27/2023 4:26 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
44 LF CP CLASS III-A 18-INCH
IN: STA 367+08, 31.0' RT, ELEV 943.50
OUT: STA 367+54, 34.0' RT, ELEV 941.74
SLOPE 4.00%

BARBARA A TARPLEY &
RALAN WILLIAMS

2 - APRON ENDWALLS FOR CPRCHE 29x45-INCH
50 LF CPRCHE CLASS HE-III 29x45-INCH
IN: STA 367+75, 23.9' RT, ELEV 940.50
OUT: STA 367+75, 26.1' LT, ELEV 942.75
SLOPE 4.50%

2 - APRON ENDWALLS FOR CPRCHE 29x45-INCH
50 LF CPRCHE CLASS HE-III 29x45-INCH
IN: STA 367+82, 25.9' LT, ELEV 942.75
OUT: STA 367+83, 24.1' RT, ELEV 940.50
SLOPE 4.50%

MANN LIVING TR
8304 STATE HIGHWAY 19

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
22 LF CP CLASS III-A 24-INCH
IN: STA 371+01, 29.7' LT, ELEV 940.97
OUT: STA 371+22, 27.5' LT, ELEV 940.65
SLOPE 1.45%

PI: 371+94.70

2 - APRON ENDWALLS FOR CULVERT PIPE 60-INCH
68 LF CPRC CLASS IV 60-INCH
IN: STA 374+93, 27.8' LT, ELEV 931.50
OUT: STA 375+30, 29.5' RT, ELEV 929.21
SLOPE 3.38%

2 - APRON ENDWALLS FOR CULVERT PIPE 60-INCH
68 LF CPRC CLASS IV 60-INCH
IN: STA 374+83, 28.0' LT, ELEV 931.50
OUT: STA 375+20, 29.3' RT, ELEV 929.21
SLOPE 3.38%

2 - APRON ENDWALLS FOR CULVERT PIPE 36-INCH
64 LF CP CLASS III-A 36-INCH
IN: STA 376+11, 42.4' LT, ELEV 933.16
OUT: STA 375+47, 42.5' LT, ELEV 933.00
SLOPE 0.25%

N

370
STH 19

PROPOSED R/W (TYP)
SLOPE INTERCEPT (TYP)
EAT POST #1
STA 364+89
19.0' LT
PC: 364+46.65
365
MATCH LINE 364+00

TDS CROSS PLAINS
TELEPHONE

2 - APRON ENDWALLS FOR CPRC 36-INCH
34 LF CPRC CLASS IV 36-INCH
IN: STA 370+92, 39.5' RT, ELEV 936.25
OUT: STA 371+28, 40.0' RT, ELEV 935.84
SLOPE 1.21%

BEGIN OBLITERATING
OLD ROAD

LAWRENCE A VAN EPPS
8313 STATE HIGHWAY 19

ENVIRONMENTALLY SENSITIVE AREA

TDS CROSS PLAINS
TELEPHONE
TEMPORARY LIMITED
EASEMENT (TYP)

EXISTING R/W (TYP)

MG&E OVERHEAD
ELECTRIC

PC: 375+45.92
ENVIRONMENTALLY SENSITIVE AREA

STH 19

MATCH LINE 378+00

5

5

960
955
950
945
940
935
930
925

VCL = 800.00
K = 393.04

EXISTING PROFILE R/L

VCL = 360.00
K = 192.49

LP STA 377+95.81
LP EL 937.07

-0.86%

FINISHED PROFILE AT R/L

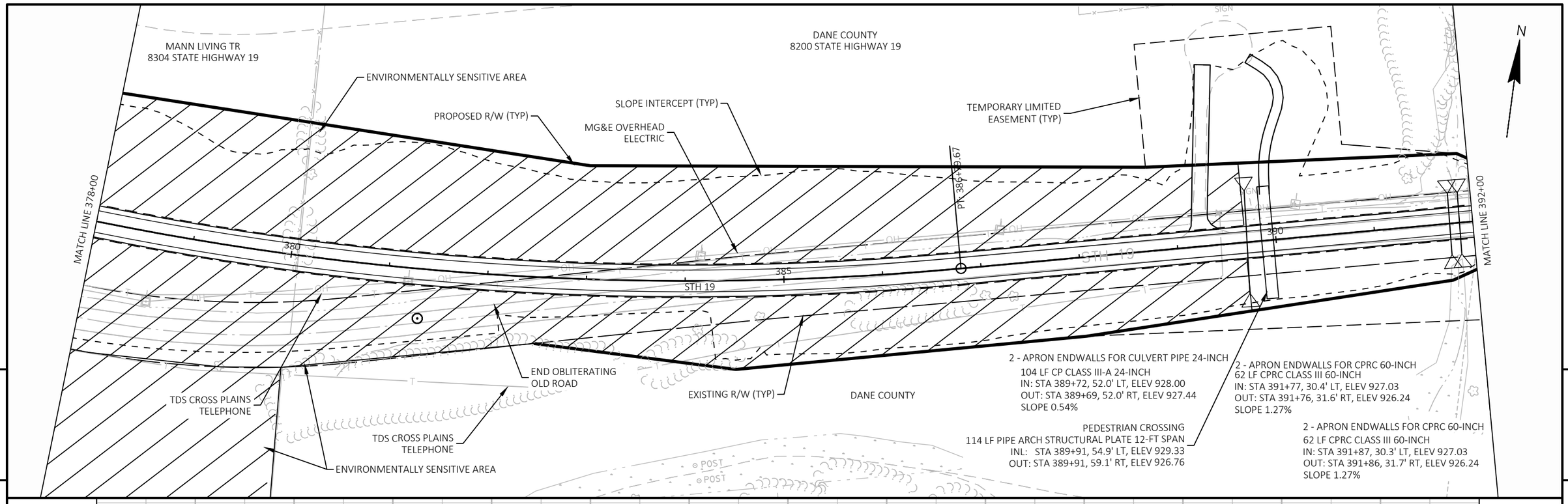
VPI STA 367+00.00
VPI EL 945.79

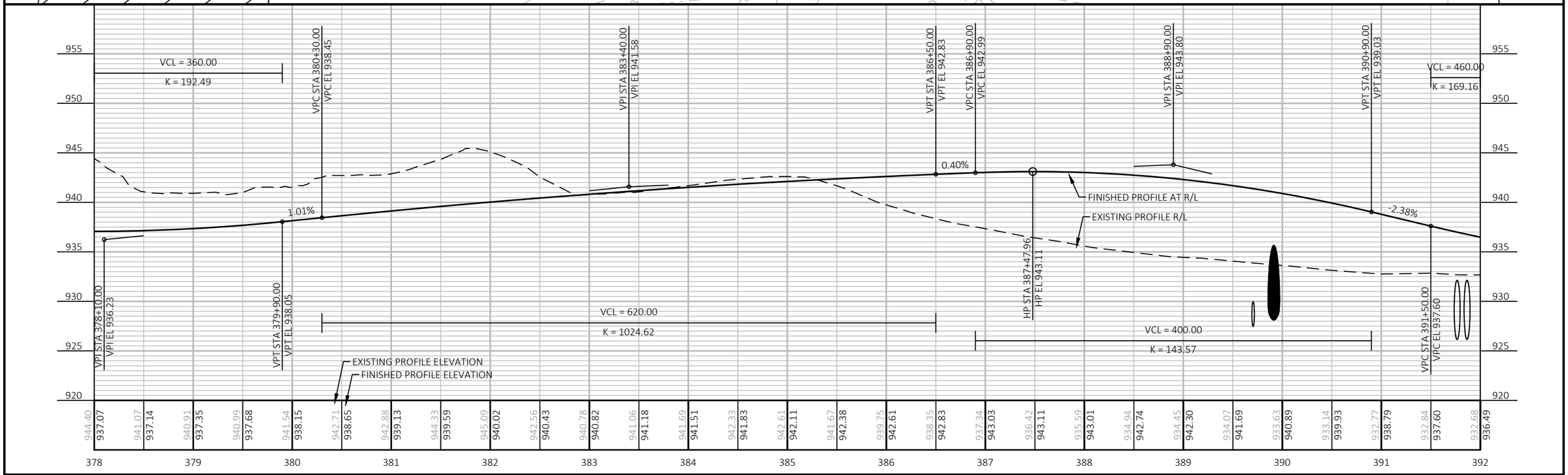
VPT STA 371+00.00
VPT EL 942.35

VPC STA 376+30.00
VPC EL 937.78

EXISTING PROFILE ELEVATION
FINISHED PROFILE ELEVATION

| | | |





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 266	E

1 - INLETS MEDIAN 2G-MS, RIM ELEVATION: 931.28

1 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
64 LF CP CLASS III-A 24-INCH
IN: STA 393+53, 73.2' LT, ELEV 928.90
OUT: STA 394+12, 50.4' LT, ELEV 927.61
SLOPE 2.02%

2 - APRON ENDWALLS FOR CPRCHE 58x91-INCH
64 LF CPRCHE CLASS HE-III 58x91-INCH
IN: STA 395+71, 32.0' LT, ELEV 922.75
OUT: STA 395+71, 32.0' RT, ELEV 922.16
SLOPE 0.93%

2 - APRON ENDWALLS FOR CPRCHE 58x91-INCH
64 LF CPRCHE CLASS HE-III 58x91-INCH
IN: STA 395+83, 32.0' LT, ELEV 922.75
OUT: STA 395+83, 32.0' RT, ELEV 922.16
SLOPE 0.93%

PROPOSED R/W (TYP)
SLOPE INTERCEPT (TYP)
WETLAND IMPACTS (0.01 ACRES)
TEMPORARY LIMITED EASEMENT (TYP)
SEE CONSTRUCTION DETAIL FOR RIP RAP
PC 405+37.42
JOHN L UPHOFF
6213 MATZ RD
MATZ RD
WILLIAM C BLADL
6214 MATZ RD
MG&E OVERHEAD ELECTRIC
MATCH LINE 392+00
MATCH LINE 406+00
STH 19
ALMAE LLC
TDS CROSS PLAINS TELEPHONE
EXISTING R/W (TYP)
ENVIRONMENTALLY SENSITIVE AREA
N

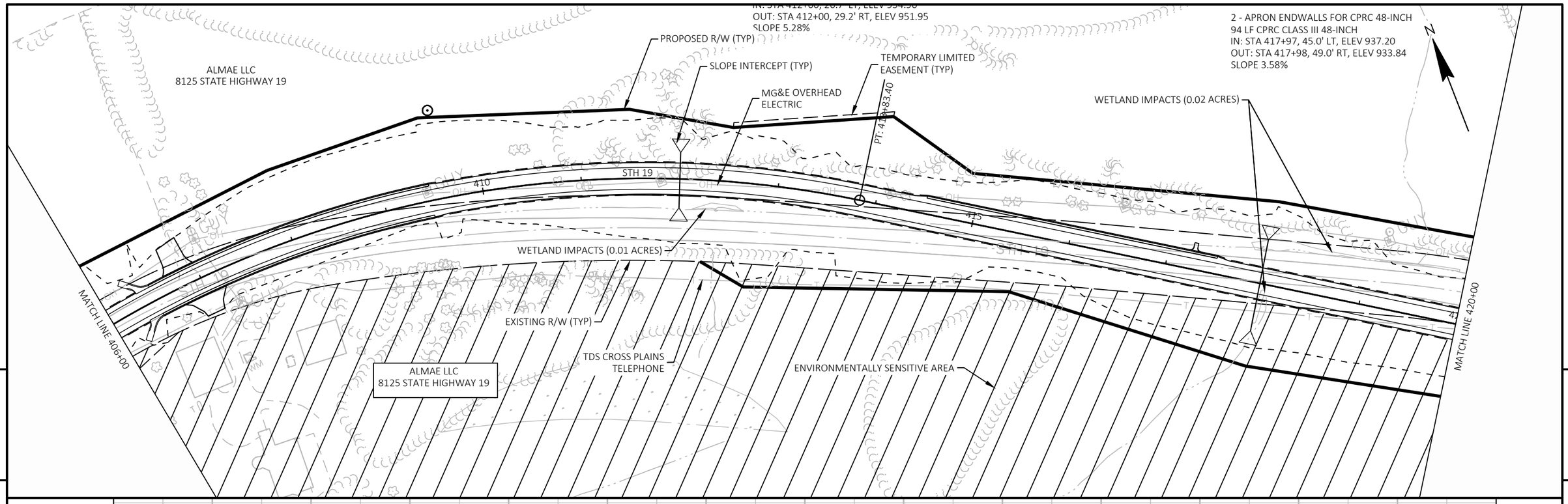
VCL = 460.00
K = 169.16
VPI STA 393+80.00
VPI EL 932.12
LP STA 395+52.99
LP EL 932.80
VPT STA 396+10.00
VPT EL 932.90
VCL = 460.00
K = 115.96
VPC STA 398+20.00
VPC EL 933.61
0.34%
4.30%
FINISHED PROFILE AT R/L
EXISTING PROFILE R/L
VPI STA 400+50.00
VPI EL 934.38
VPT STA 402+80.00
VPT EL 944.28
VPC STA 404+42.50
VPC EL 951.27
VCL = 915.00
K = 121.84
EXISTING PROFILE ELEVATION
FINISHED PROFILE ELEVATION

392	393	394	395	396	397	398	399	400	401	402	403	404	405	406
932.68	932.84	932.86	932.08	929.91	928.44	928.23	928.84	929.26	929.66	930.26	931.19	931.73	931.86	932.07	932.46	933.01	933.52	934.09	934.72	935.27	935.87	937.15	938.72	940.82	943.22	945.89	949.52	954.17
936.49	935.52	934.69	934.02	933.49	933.12	932.89	932.80	932.87	933.03	933.20	933.37	933.54	933.75	934.15	934.77	935.61	936.66	937.93	939.41	941.11	943.03	945.14	947.29	949.45	951.59	953.61	955.43	957.04

955 950 945 940 935 930 925 920

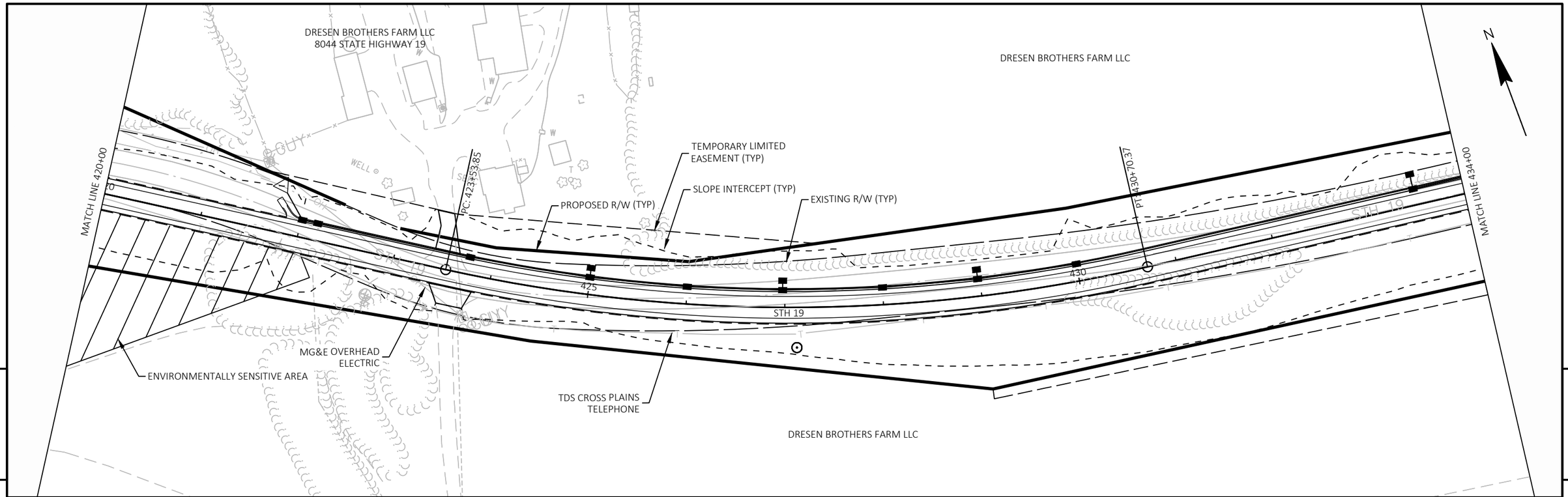
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 267	E

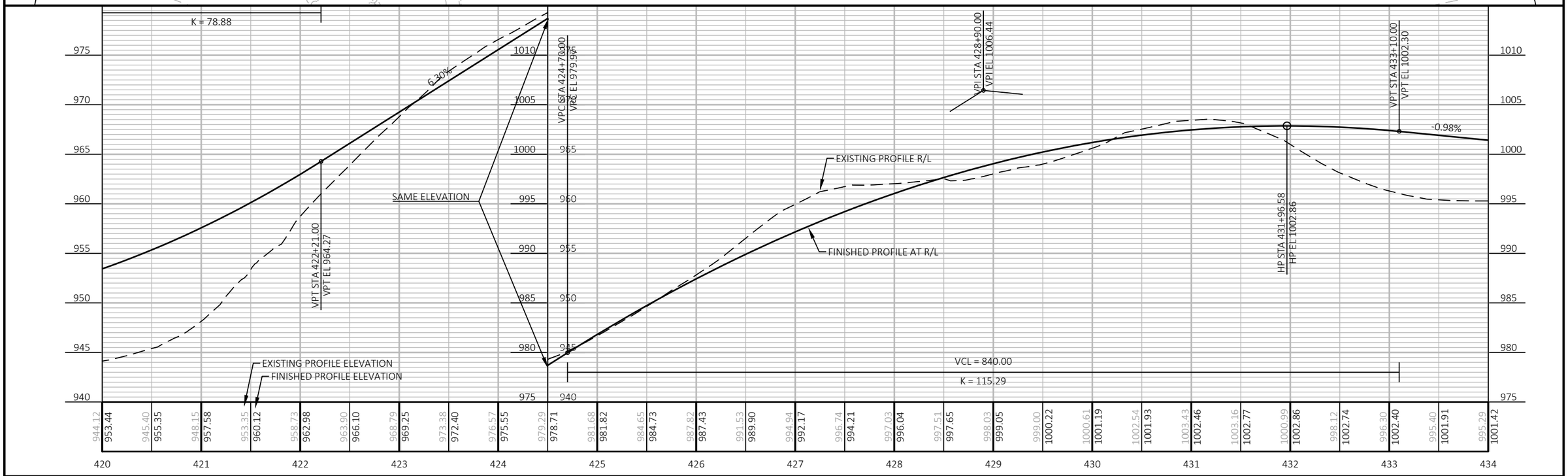
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050129
PLOT DATE : 7/27/2023 4:27 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 268	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050130
PLOT DATE : 7/27/2023 4:28 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 269	E

WILLIAM C & KATHLEEN L BLADL

MAHALA L KRUTCHEN

DRESEN BROTHERS FARM LLC

PC: 438+90.05

PC: 447+34.09

SLOPE INTERCEPT (TYP)

TEMPORARY LIMITED EASEMENT (TYP)

EXISTING R/W (TYP)

PROPOSED R/W (TYP)

TDS CROSS PLAINS TELEPHONE

MATCH LINE 434+00

MATCH LINE 448+00

STH 19

440

445

N

5

5

VCL = 400.00

K = 89.19

VPC STA 434+04.00
VPC EL 1001.38

LP STA 434+91.74
LP EL 1000.95

VPC STA 438+41.00
VPC EL 1007.71

VPI STA 436+04.00
VPI EL 999.41

VPT STA 438+04.00
VPT EL 1006.41

VPI STA 442+86.00
VPI EL 1023.29

EXISTING PROFILE R/L

FINISHED PROFILE AT R/L

HP STA 443+20.22
HP EL 1016.10

VPT STA 447+31.00
VPT EL 1009.93

VPC STA 447+35.00
VPC EL 1009.81

VCL = 300.00

K = 67.70

VCL = 890.00

K = 136.87

3.50%

3.00%

EXISTING PROFILE ELEVATION

FINISHED PROFILE ELEVATION

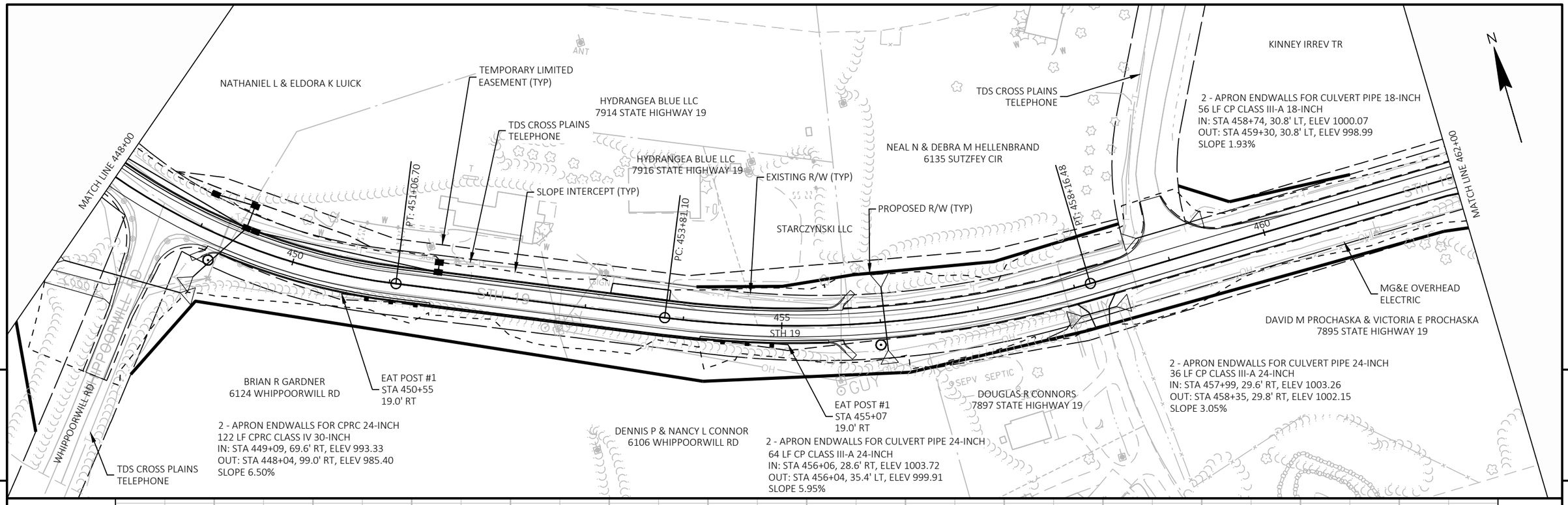
1025 1020 1015 1010 1005 1000 995 990

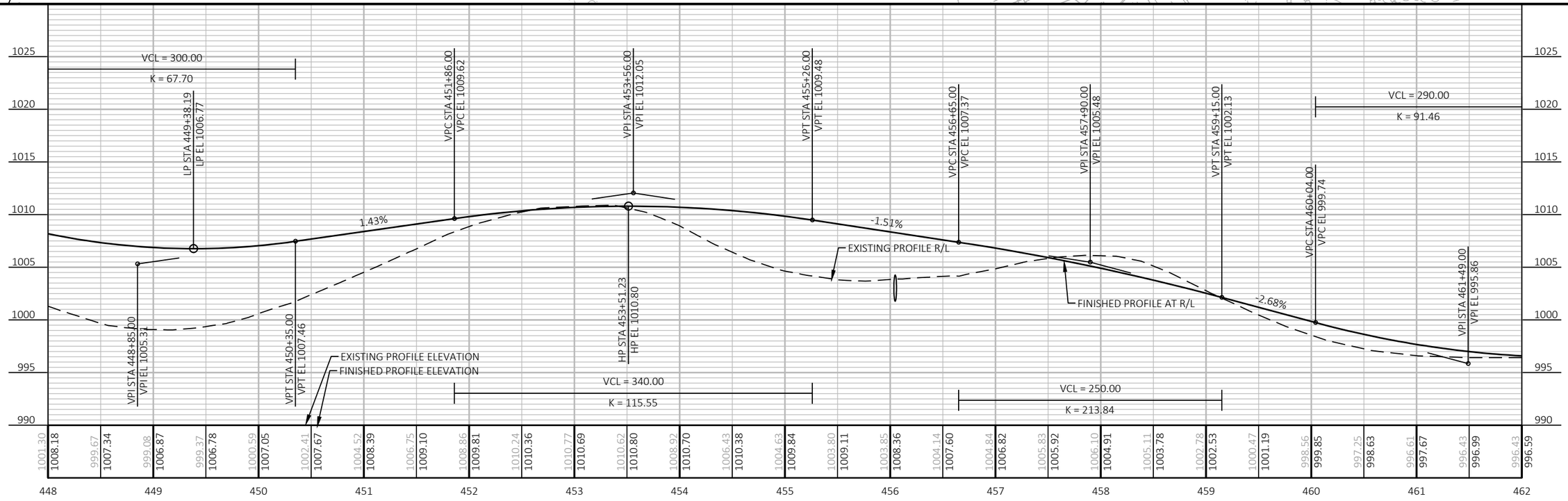
434	435	436	437	438	439	440	441	442	443	444	445	446	447	448
995.29	995.74	996.60	997.48	998.61	999.40	1000.24	1001.03	1002.43	1004.54	1007.36	1010.28	1013.03	1015.68	1018.45	1020.94	1022.80	1023.98	1024.18	1023.28	1021.26	1017.83	1013.83	1010.79	1008.69	1006.81	1005.17	1003.16	1001.30
1001.42	1001.05	1000.95	1001.14	1001.60	1002.35	1003.38	1004.69	1006.27	1008.02	1009.65	1011.09	1012.35	1013.43	1014.33	1015.04	1015.57	1015.92	1016.08	1016.07	1015.87	1015.48	1014.92	1014.17	1013.24	1012.13	1010.83	1009.38	1008.18

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 270	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050132

PLOT DATE : 7/27/2023 4:29 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 271	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050133

PLOT DATE : 7/27/2023 9:02 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

KINNEY IRREV TR

MADISON COUNCIL GIRL SCOUTS INC
7840 STATE HIGHWAY 19

BRADLEY J LARSON
7822 STATE HIGHWAY 19

LYNETTE S MARGULIES
7820 STATE HIGHWAY 19

BRIAN J WRITT
7790 STATE HIGHWAY 19

2 - APRON ENDWALLS FOR CPRCHE 19x30-INCH
46 LF CPRCHE CLASS HE-III 19x30-INCH
IN: STA 463+50, 20.3' RT, ELEV 993.26
OUT: STA 463+50, 25.7' LT, ELEV 991.80
SLOPE 3.17%

WETLAND IMPACTS (0.02 ACRES)

PROPOSED R/W (TYP)

EXISTING R/W (TYP)

SLOPE INTERCEPT (TYP)

TEMPORARY LIMITED EASEMENT (TYP)

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
82 LF CP CLASS III-A 24-INCH
IN: STA 468+13, 42.6' LT, ELEV 989.42
OUT: STA 468+95, 39.9' LT, ELEV 990.04
SLOPE -0.76%

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
78 LF CP CLASS III-A 24-INCH
IN: STA 469+66, 40.0' LT, ELEV 992.71
OUT: STA 470+45, 37.7' LT, ELEV 993.36
SLOPE -0.83%

2 - APRON ENDWALLS FOR CULVERT PIPE 18-INCH
20 LF CP CLASS III-A 18-INCH
IN: STA 474+30, 29.0' LT, ELEV 1000.25
OUT: STA 474+50, 29.0' LT, ELEV 1001.18
SLOPE -4.65%

TDS CROSS PLAINS TELEPHONE

PI: 463+73.45

PC: 469+38.71

PT: 471+68.03

PI: 473+83.88

MATCH LINE 462+00

MATCH LINE 476+00

465

470

475

STH 19

N

WILLIAM T KRUCHTEN
7853 STATE HIGHWAY 19

MG&E OVERHEAD ELECTRIC

KETELBOETER LIVING TR
7833 STATE HIGHWAY 19

WILD OUTDOORS REV TR
7813 STATE HIGHWAY 19

DAVID C SUND
7811 STATE HIGHWAY 19

BRYCE BEATTY
7795 STATE HIGHWAY 19

2 - APRON ENDWALLS FOR CPRCHE 38x60-INCH
56 LF CPRCHE CLASS HE-III 38x60-INCH
IN: STA 467+47, 28.0' RT, ELEV 990.00
OUT: STA 467+47, 28.0' LT, ELEV 988.17
SLOPE 3.27%

2 - APRON ENDWALLS FOR CPRCHE 38x60-INCH
56 LF CPRCHE CLASS HE-III 38x60-INCH
IN: STA 467+56, 28.0' RT, ELEV 990.00
OUT: STA 467+56, 28.0' LT, ELEV 988.17
SLOPE 3.27%

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
44 LF CP CLASS III-A 24-INCH
IN: STA 468+86, 38.4' RT, ELEV 991.69
OUT: STA 469+30, 38.9' RT, ELEV 992.07
SLOPE -0.86%

TDS CROSS PLAINS TELEPHONE

2 - APRON ENDWALLS FOR CPRCHE 38x60-INCH
56 LF CPRCHE CLASS HE-III 38x60-INCH
IN: STA 467+65, 28.0' RT, ELEV 990.00
OUT: STA 467+65, 28.0' LT, ELEV 988.17
SLOPE 3.27%

KARL J KETELBOETER
7823 STATE HIGHWAY 19

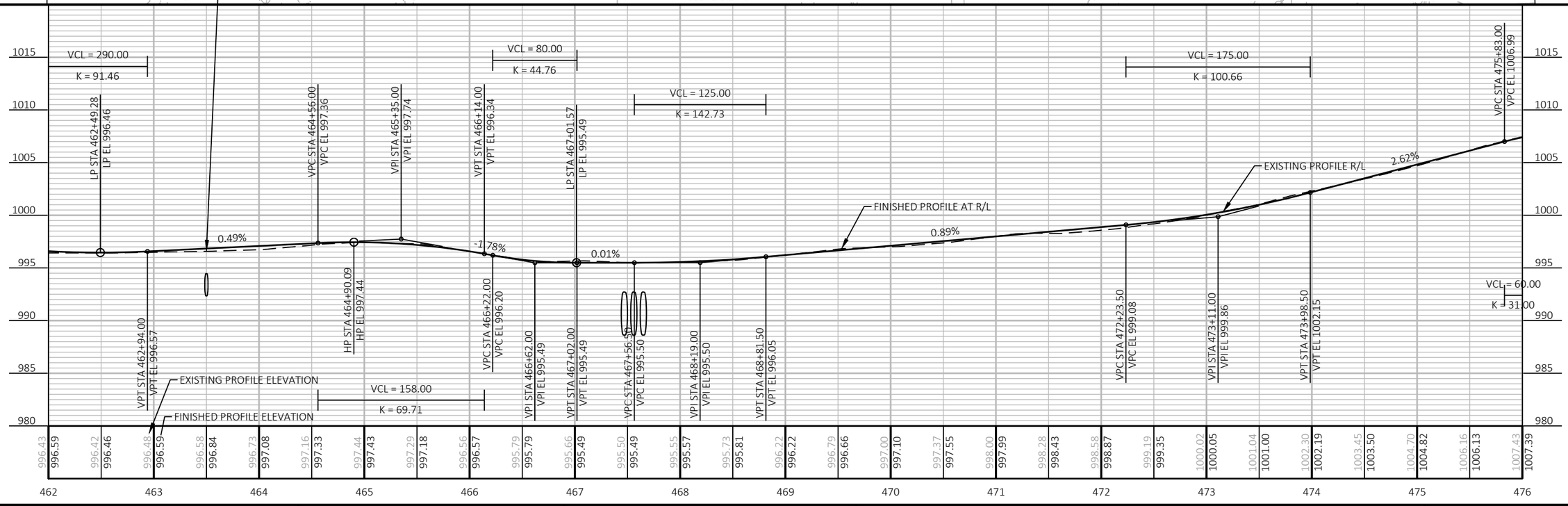
2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
26 LF CP CLASS III-A 24-INCH
IN: STA 470+42, 40.6' RT, ELEV 993.77
OUT: STA 470+68, 39.9' RT, ELEV 994.18
SLOPE -1.57%

2 - APRON ENDWALLS FOR CULVERT PIPE 24-INCH
20 LF CP CLASS III-A 24-INCH
IN: STA 473+02, 28.9' RT, ELEV 997.44
OUT: STA 473+22, 28.9' RT, ELEV 997.94
SLOPE -2.50%

END RECONSTRUCTION/BEGIN REHABILITATION
STA 463+50

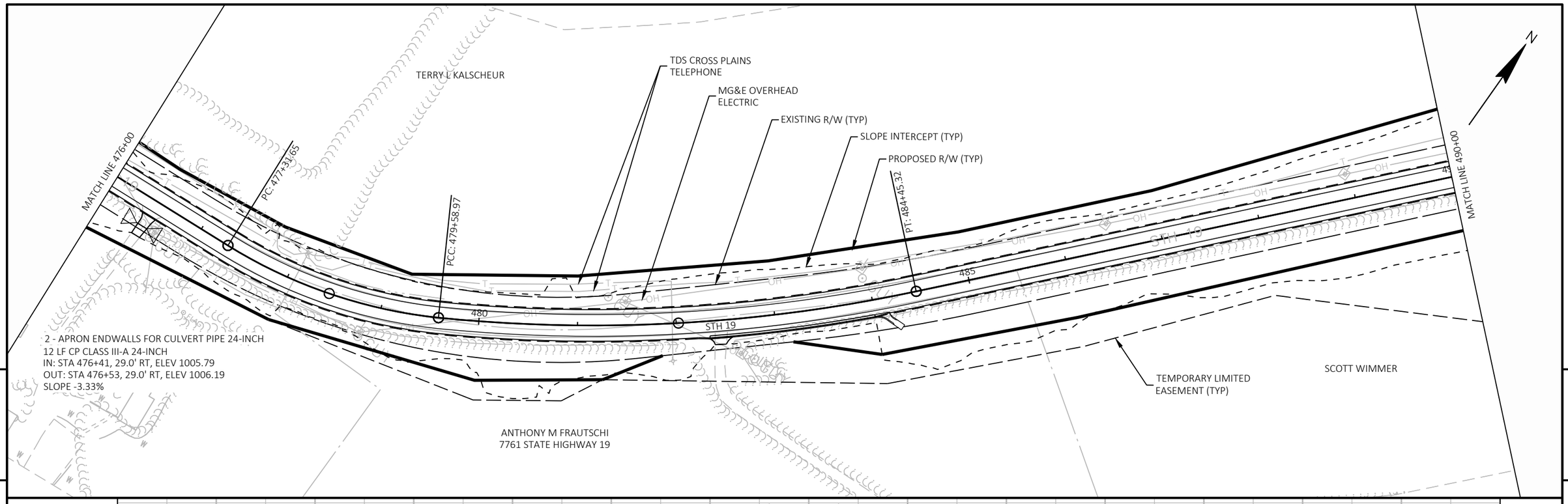
5

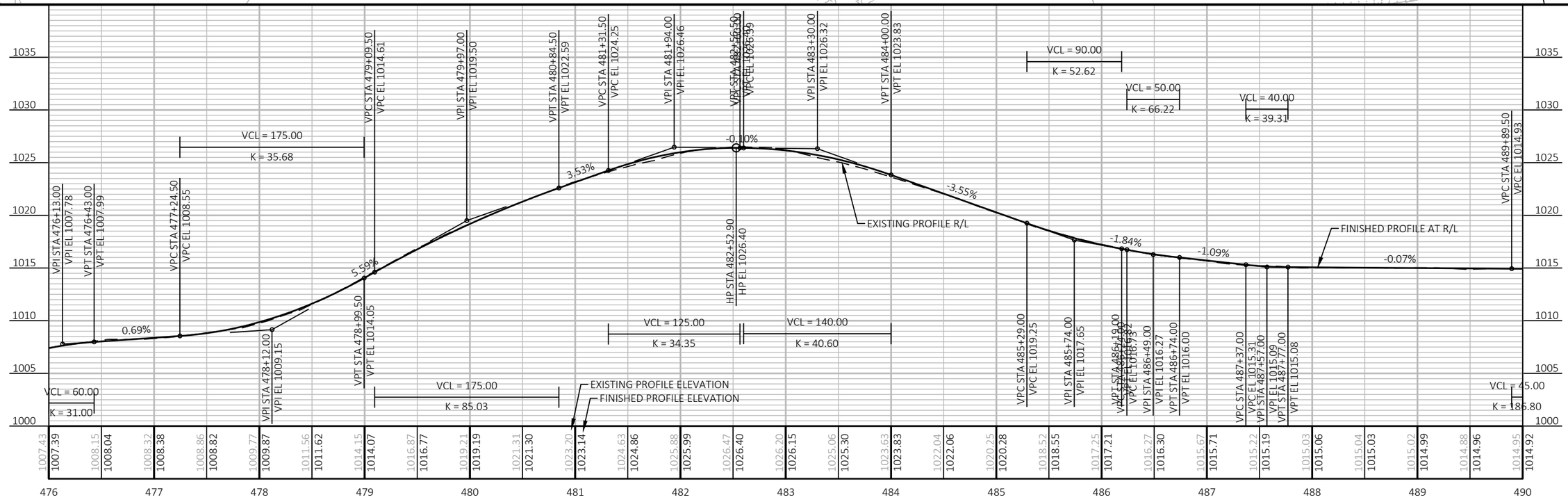
5



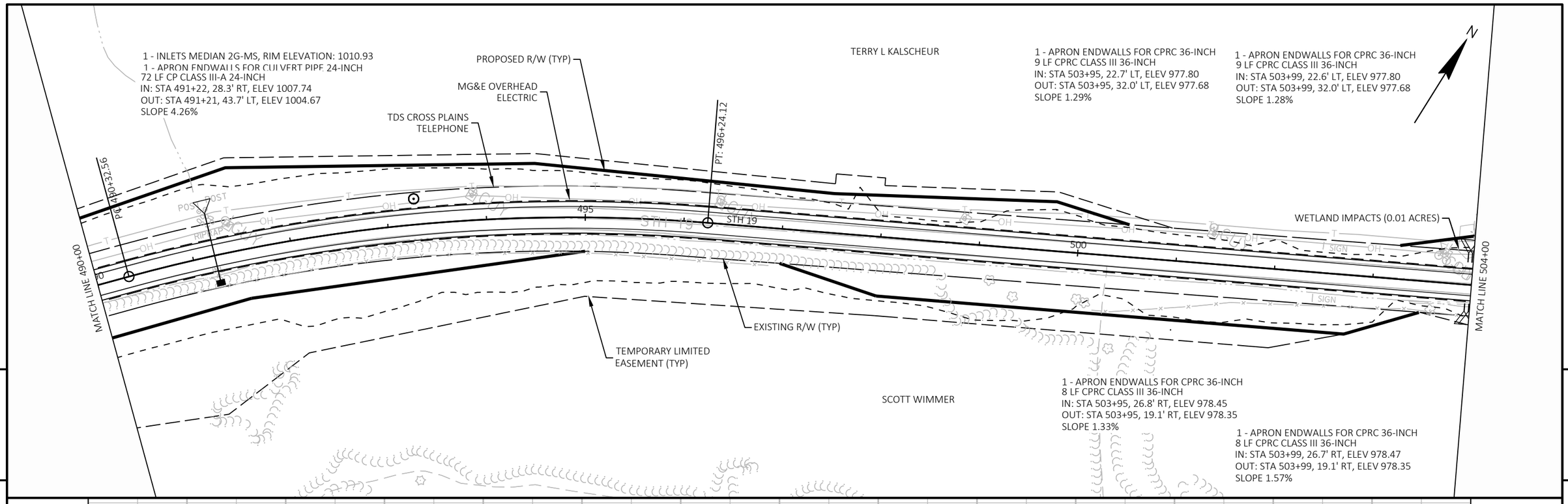
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 272	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050134
PLOT DATE : 7/27/2023 4:30 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



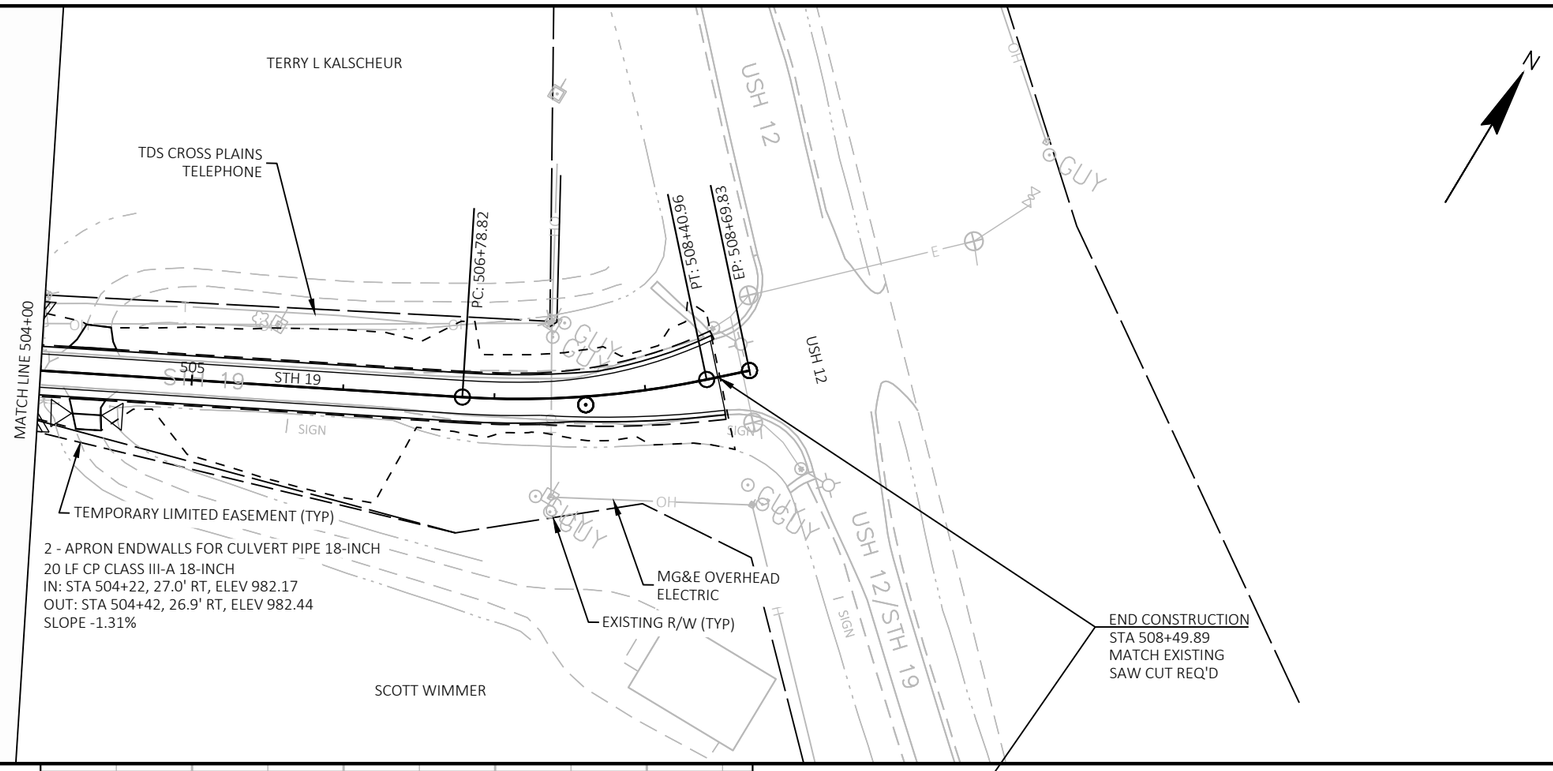


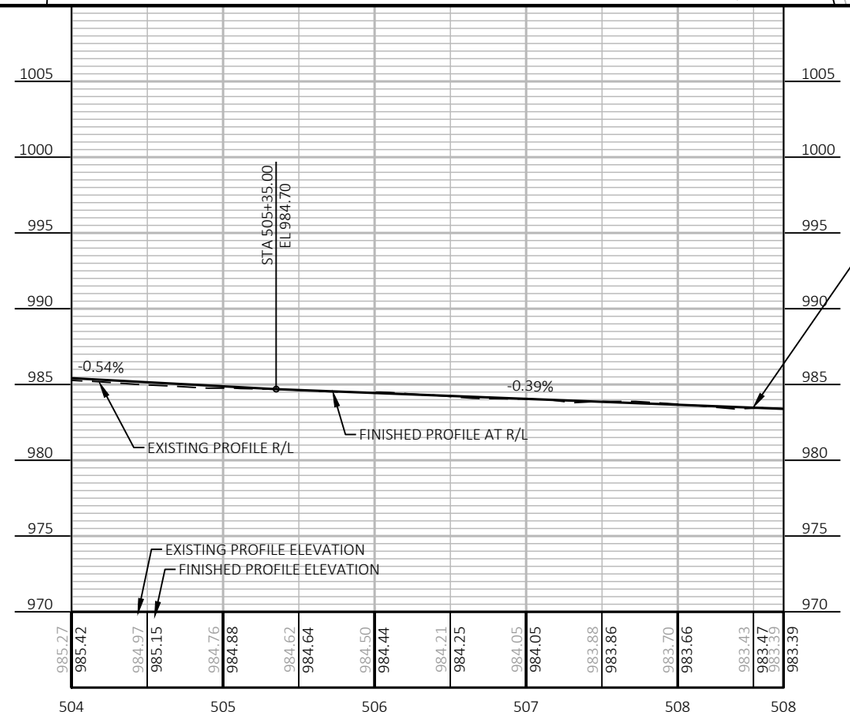
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 273	E



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 274	E

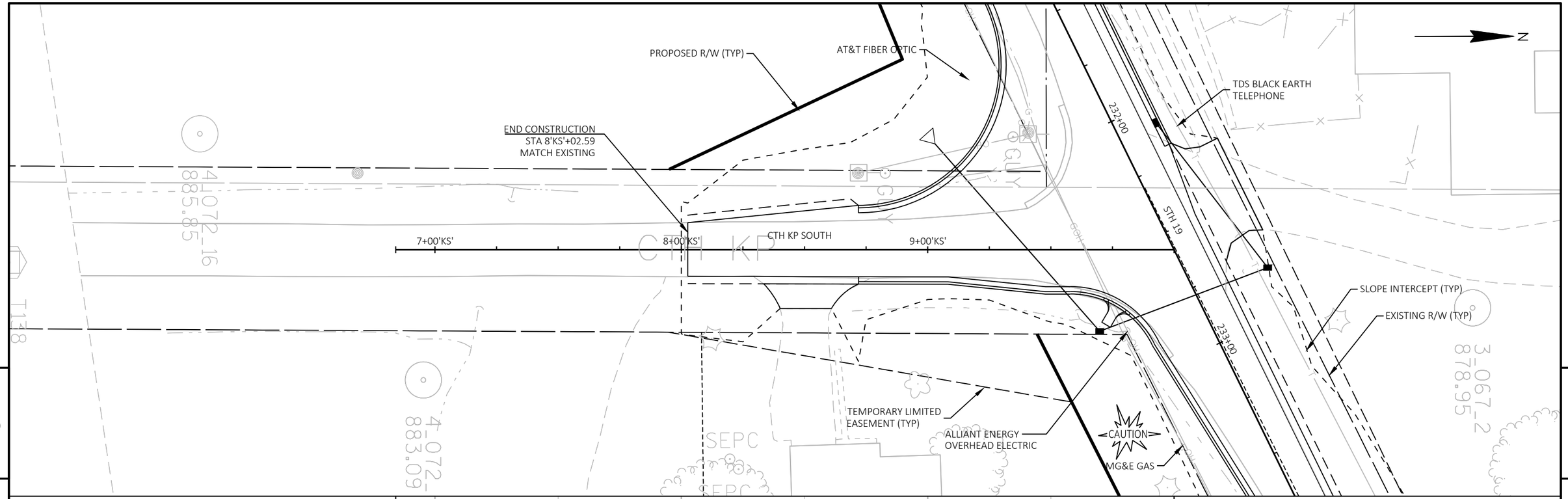
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050136
PLOT DATE : 7/27/2023 4:31 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

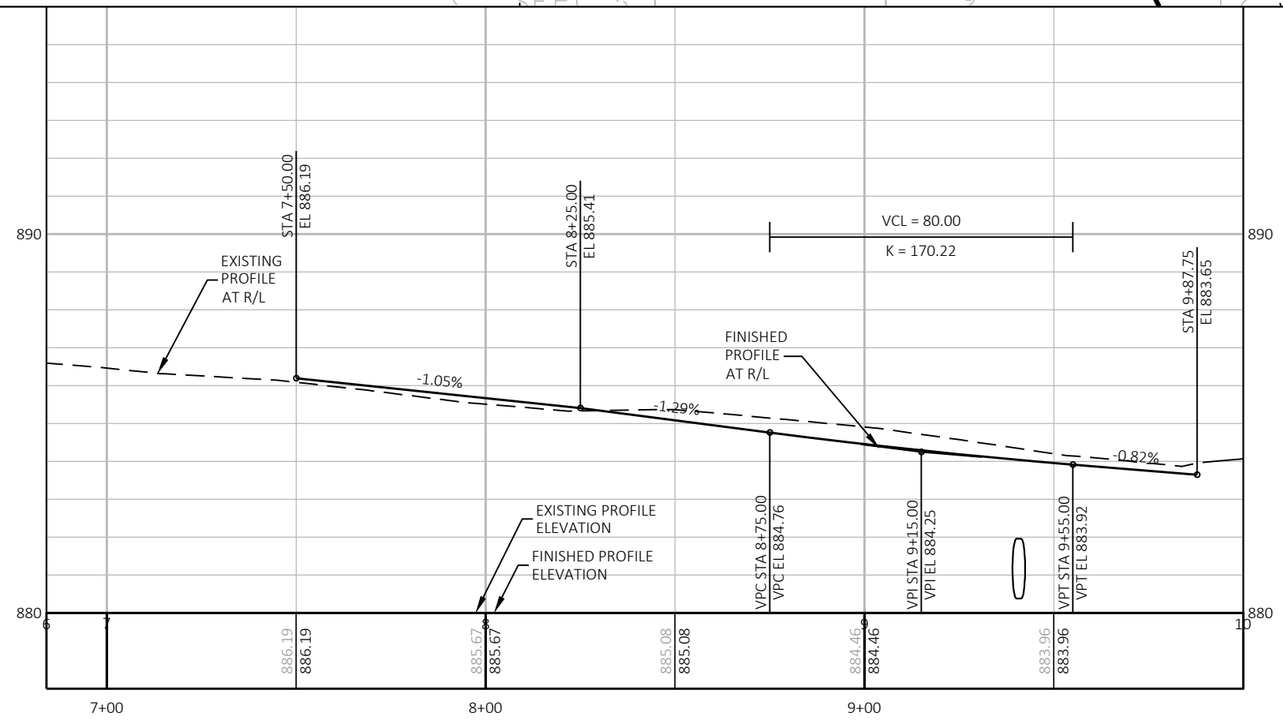




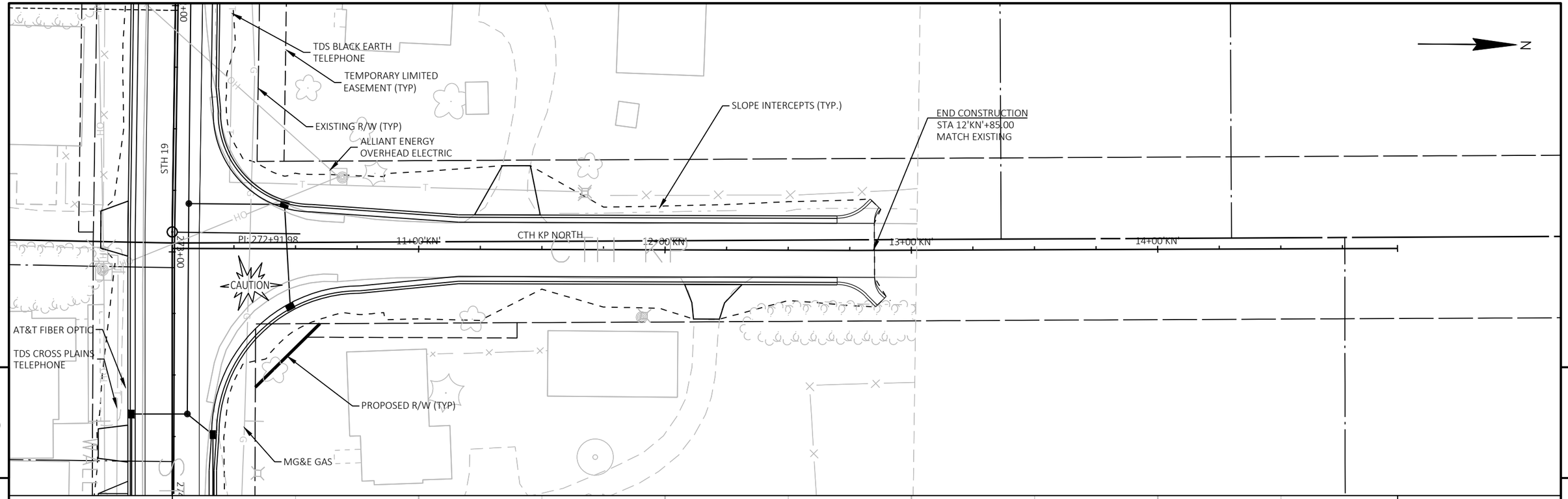
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: PLAN AND PROFILE	SHEET 275	E

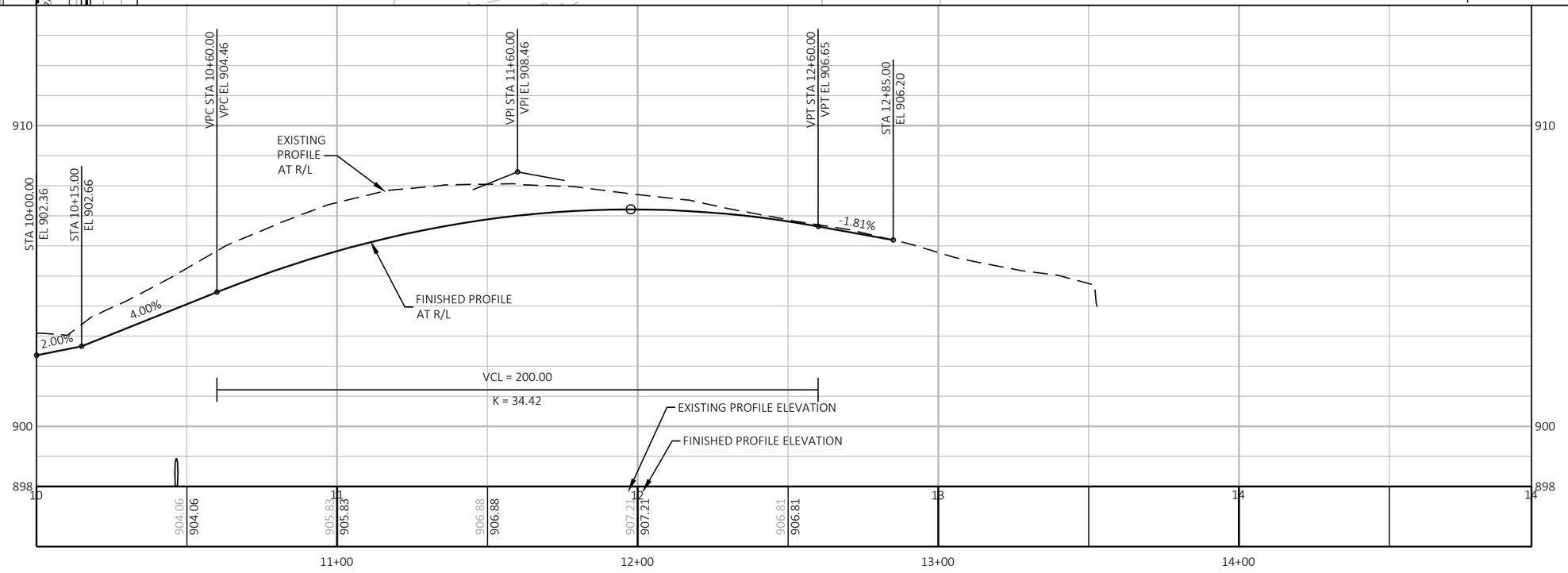
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - 050137
PLOT DATE : 7/27/2023 4:32 PM
PLOT BY : MARK MISUN
PLOT NAME :
PLOT SCALE : 1 IN:100 FT





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: CTH KP SOUTH	SHEET 276	E

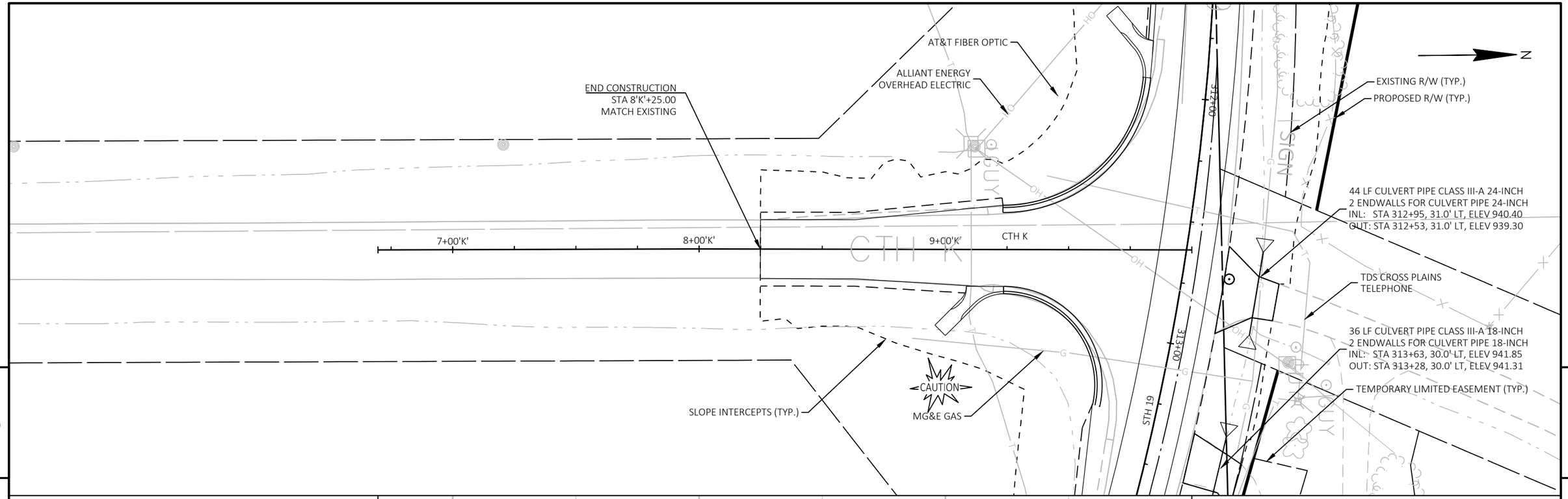


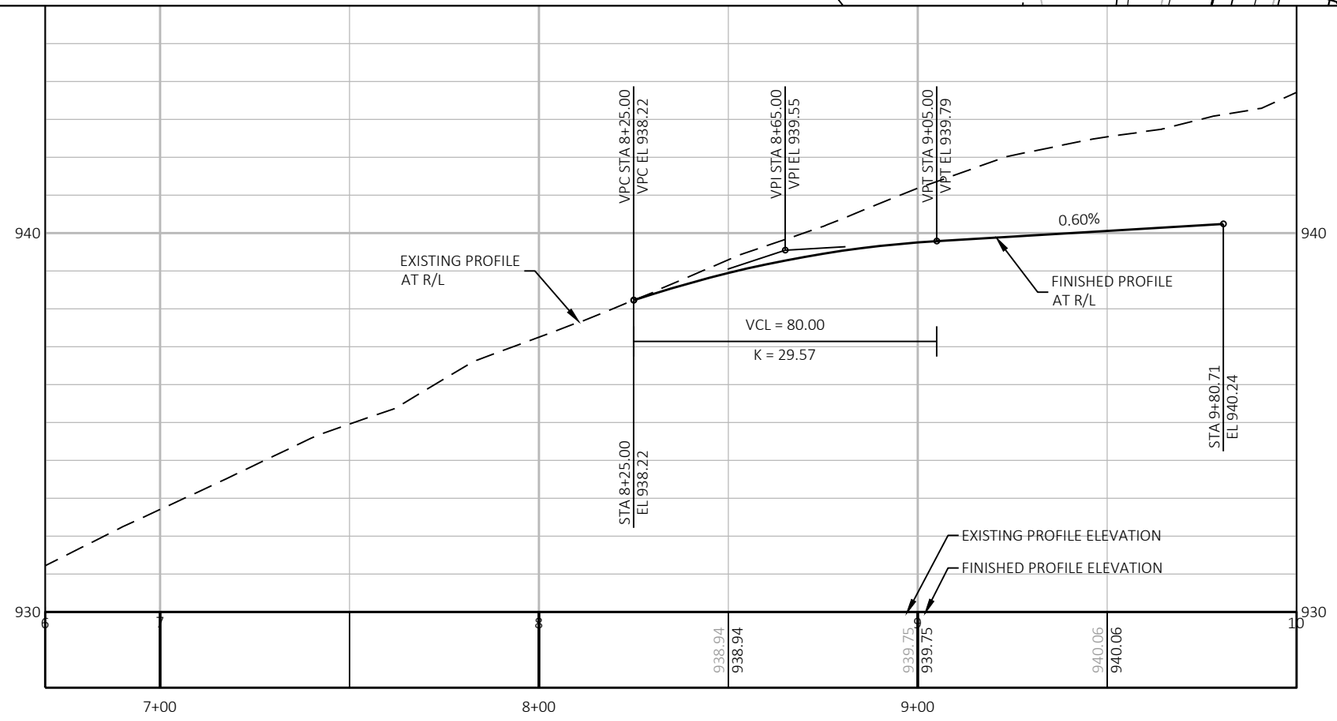


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: CTH KP NORTH	SHEET 277	E

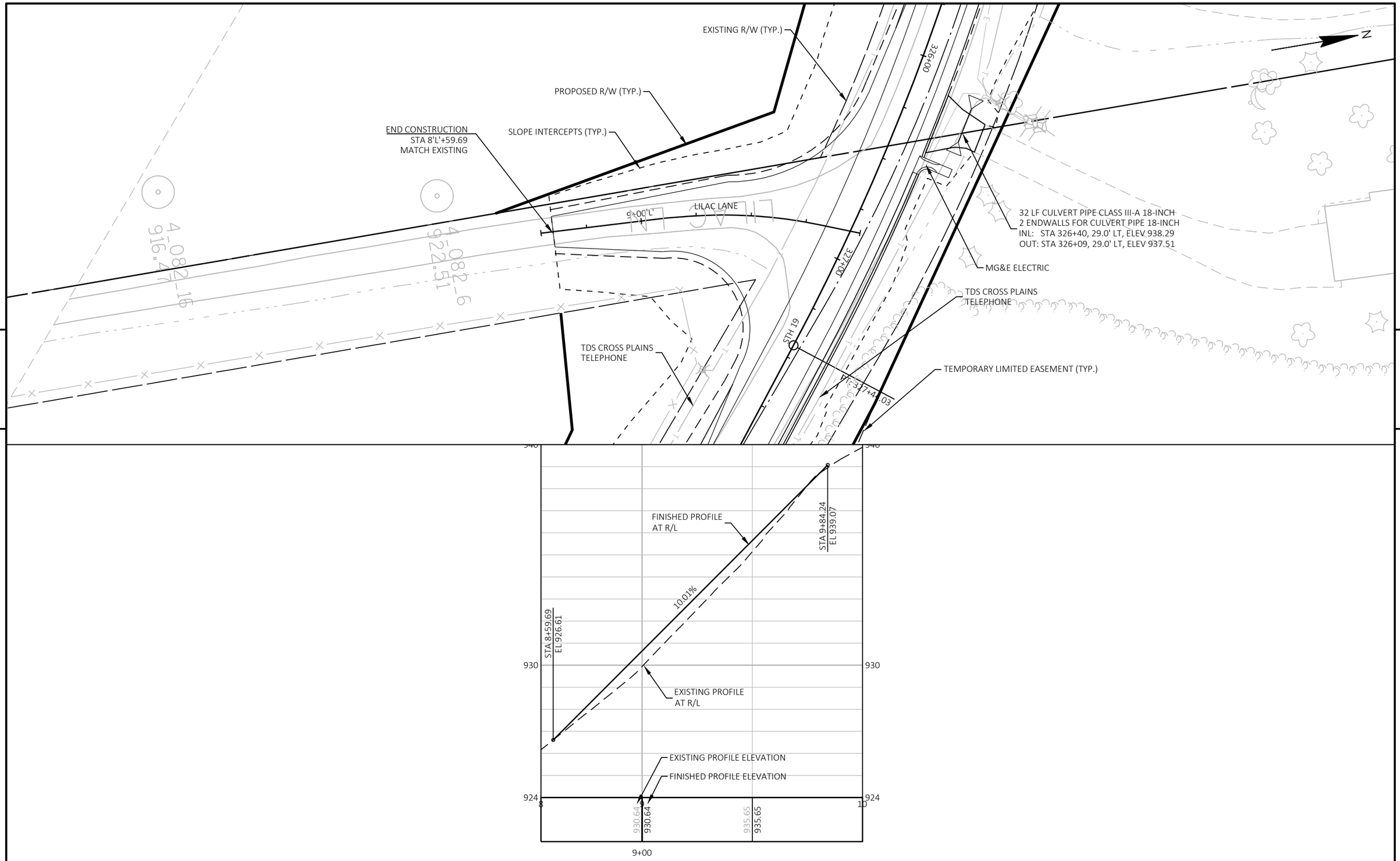
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050102_PP - SR.DWG
LAYOUT NAME - 050102 - 4

PLOT DATE : 7/25/2023 8:53 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: CTH K	SHEET 278	E

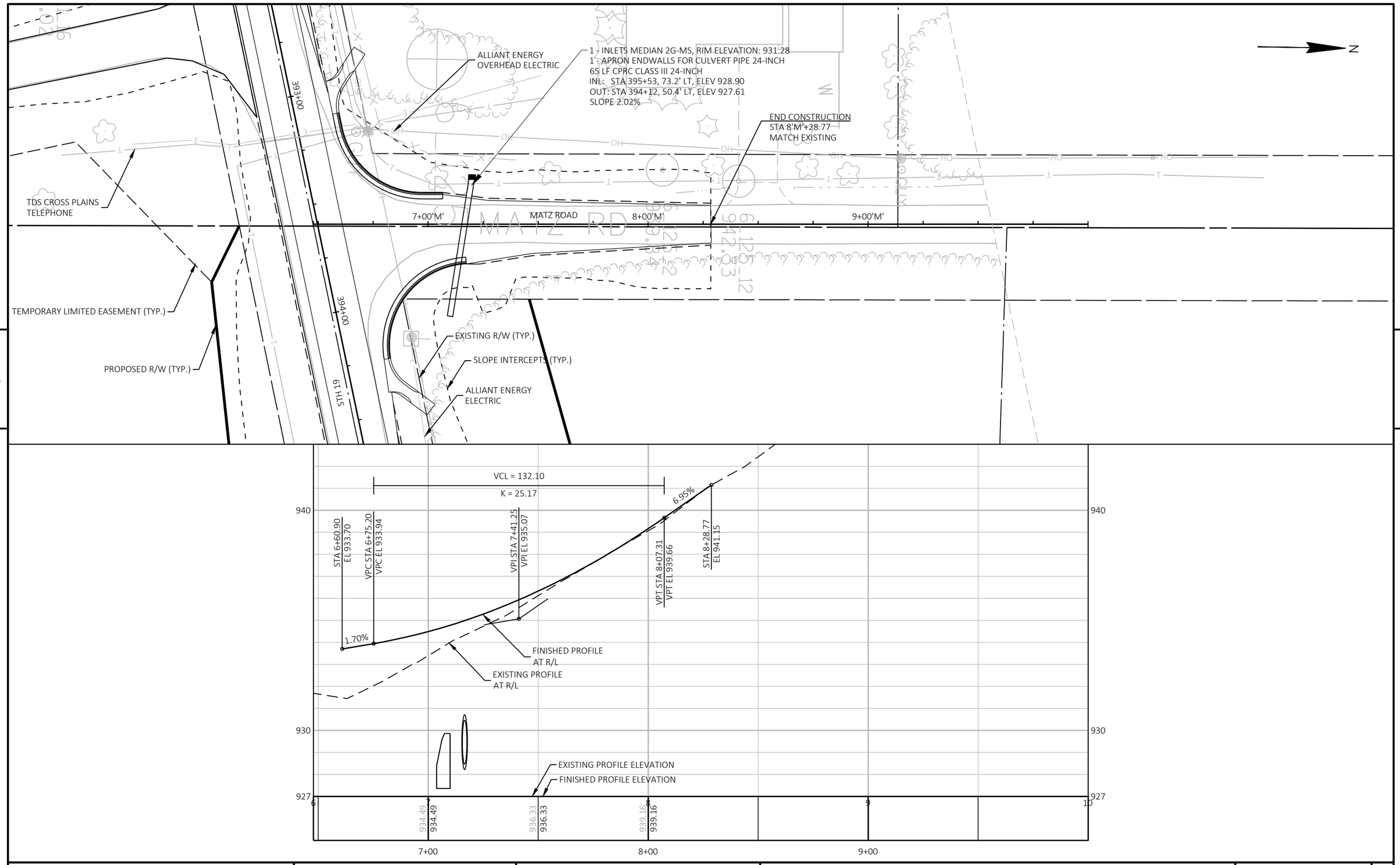


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: LILAC LN	SHEET 279	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050102_PP - SR.DWG
LAYOUT NAME - 050102 - 6

PLOT DATE : 7/25/2023 8:59 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

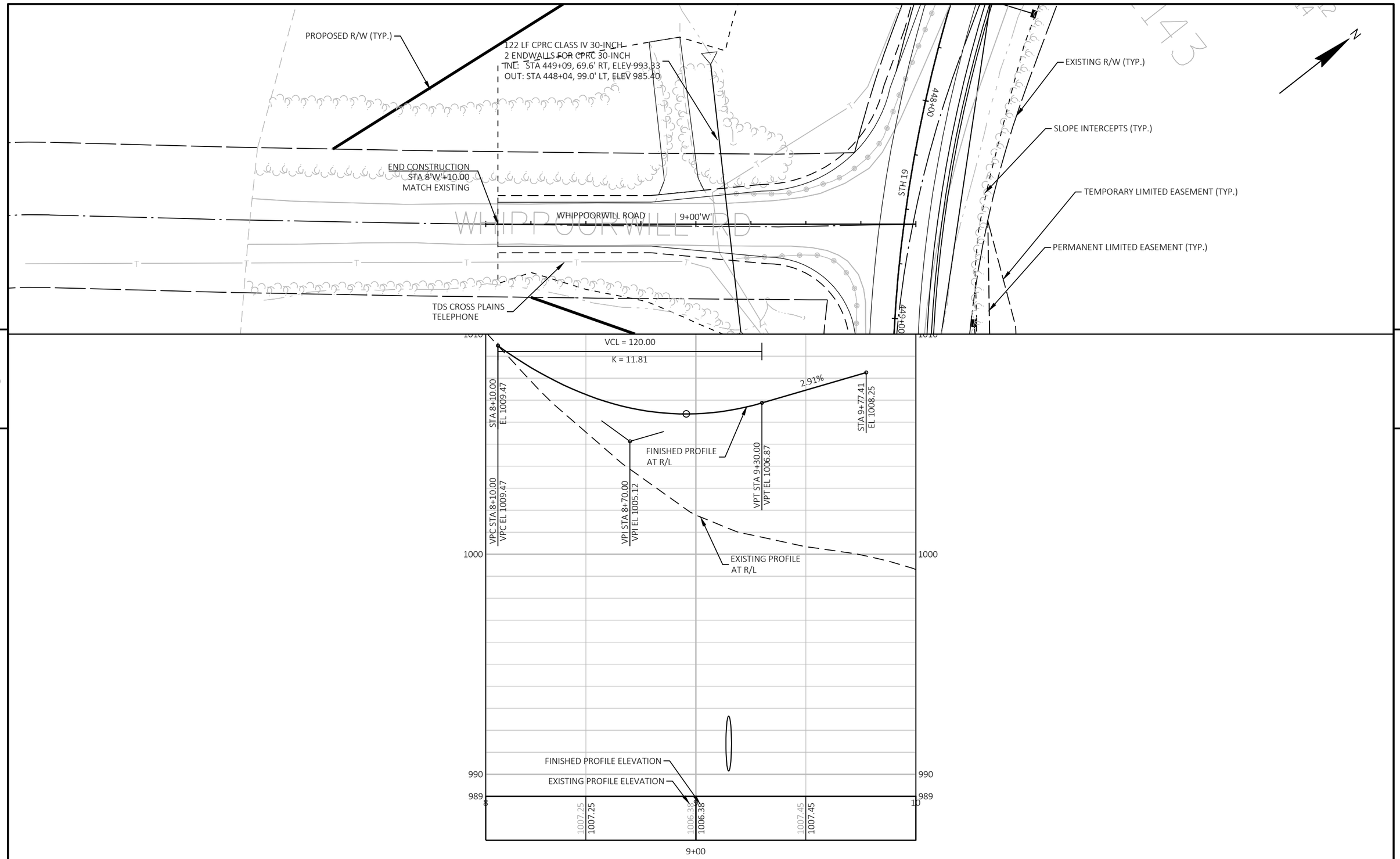


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: MATZ RD	SHEET 280	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050102_PP - SR.DWG
LAYOUT NAME - 050102 - 7

PLOT DATE : 7/25/2023 9:01 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



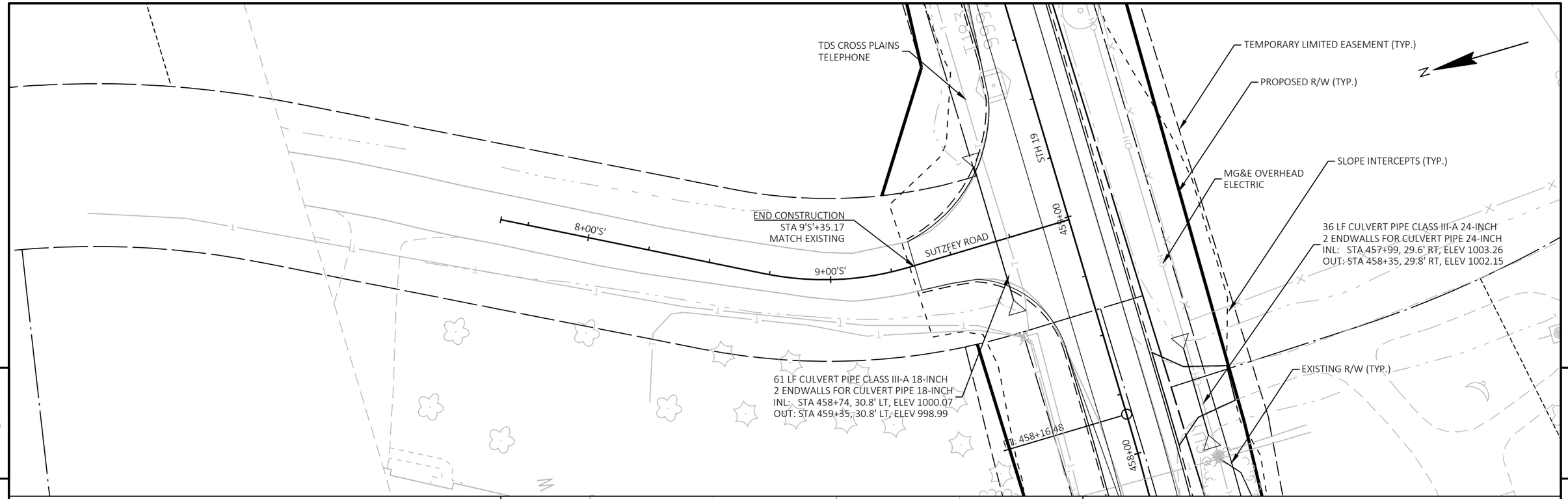
5

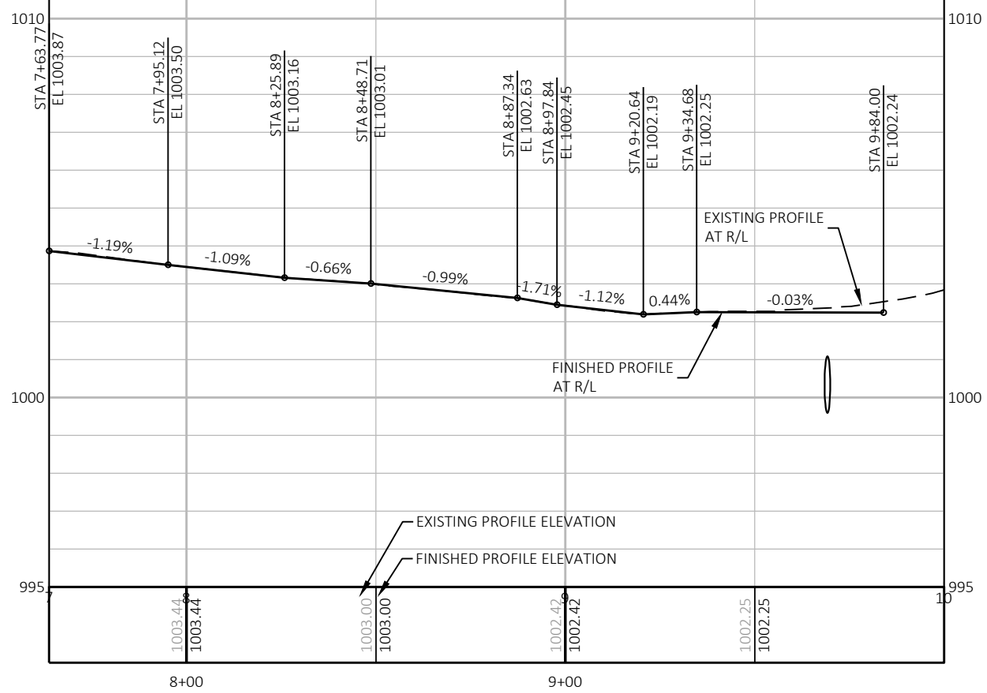
5

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: WHIPPOORWILL RD	SHEET 281	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\050102_PP - SR.DWG
LAYOUT NAME - 050102 - 8

PLOT DATE : 7/25/2023 9:00 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	PLAN AND PROFILE: SUTZFEY RD	SHEET 282	E

Standard Detail Drawing List

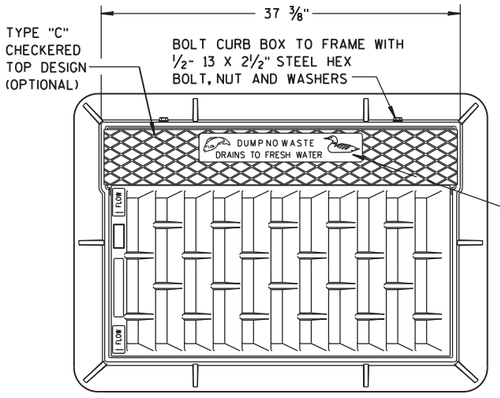
08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-19B	INLET COVERS TYPE B, B-A, C, MS, MS-A, & WM
08A05-19C	INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S
08A05-19D	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08A08-02	CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER
08B09-03	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08B10-02	MANHOLES 3X3-FT, 4X4-FT, 5X5-FT AND 6X6-FT
08C06-02	INLETS 3-FT AND 4-FT DIAMETER
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08C08-02	INLETS MEDIAN 1 AND 2 GRATE
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D17-06	MANHOLES, MANHOLE & INLET COVERS
08D20-01	DRIVEWAYS WITH CURB & GUTTER RETURNS
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E14-01	TRACKING PAD
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F02-01	APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
08F07-05	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS
08F08-02	STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED CROSS DRAINS
12A03-10	NAME PLATE (STRUCTURES)
13A10-03A	SHOULDER RUMBLE STRIPS - ASPHALT
13A10-03G	SHOULDER AND EDGE LINE RUMBLE STRIPS - CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS
13A10-03H	SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES
13A11-04A	CENTERLINE RUMBLE STRIPS - ASPHALT
13A11-04D	CENTERLINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAILROADS
13B02-09A	CONCRETE PAVEMENT APPROACH SLAB
13C19-03	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
14B32-10A	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B32-10B	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B32-10C	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B32-10D	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B32-10E	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B32-10F	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B32-10G	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B32-10H	CONCRETE BARRIER SINGLE SLOPE (CBSS)
14B33-02E	CONCRETE BARRIER SINGLE SLOPE 36" THRIE BEAM ANCHOR
14B33-02F	CONCRETE BARRIER SINGLE SLOPE 36" THRIE BEAM ANCHOR
14B41-03A	SINGLE SLOPE ROADSIDE RETAINING WALL
14B41-03B	SINGLE SLOPE ROADSIDE RETAINING WALL
14B42-07A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-07D	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B43-04A	MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L)
14B43-04B	MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L)
14B43-04C	MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L)
14B44-04A	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04B	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B44-04C	MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)
14B45-05A	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05B	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05C	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05D	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05E	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05F	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05G	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05H	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05I	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)

6

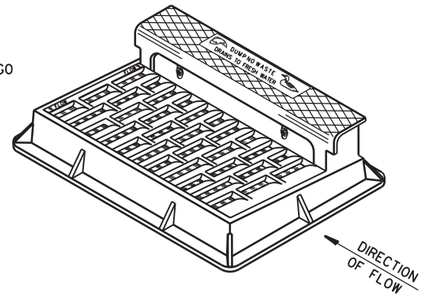
Standard Detail Drawing List

14B45-05J	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05K	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
14B45-05L	MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION (MGS)
15A01-13A	MARKER POST FOR RIGHT-OF-WAY
15A01-13B	FLEXIBLE MARKER POST FOR RIGHT-OF-WAY
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C03-05	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C04-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C05-05	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C06-12	SIGNING & MARKING FOR TWO LANE BRIDGES
15C07-15A	PAVEMENT MARKING SYMBOLS
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C08-23C	PAVEMENT MARKING (TURN LANES)
15C08-23D	PAVEMENT MARKING (TURN LANES)
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C12-09B	TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE
15C19-08A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C19-08B	MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY
15C33-04	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D29-06	TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD
15D44-02	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS

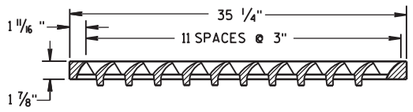
6

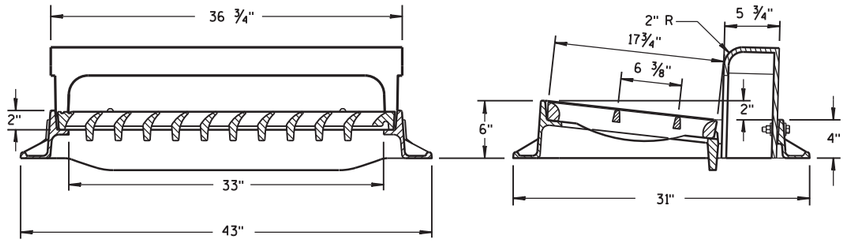


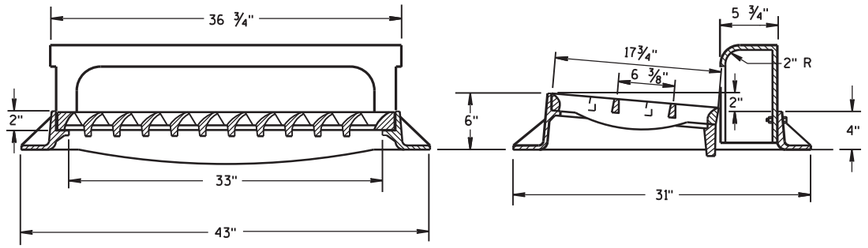
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

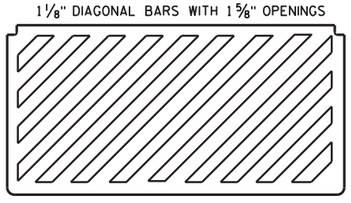






TYPE "H"

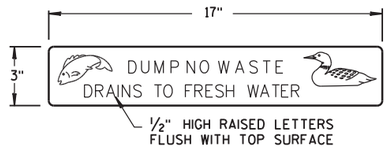
NOTE: EITHER CASTING IS ACCEPTABLE



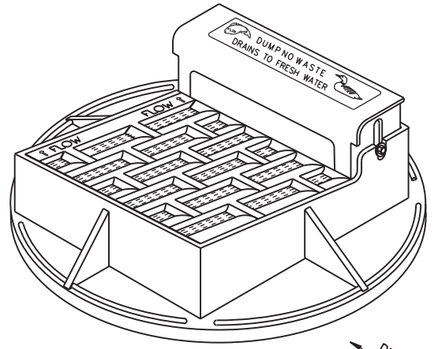
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

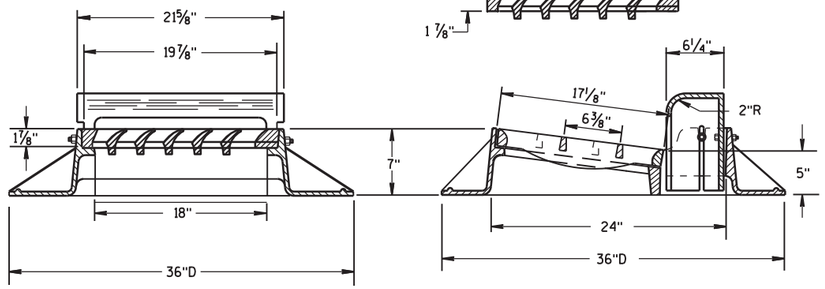


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



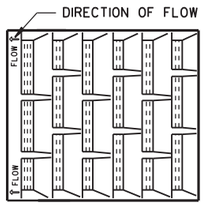
TYPE "A"

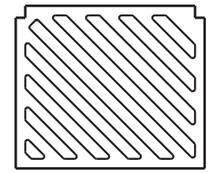
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

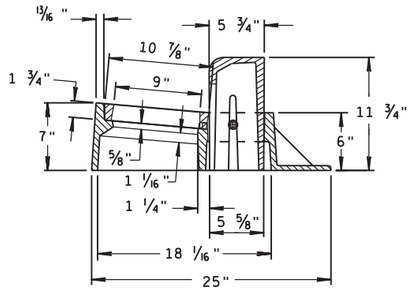


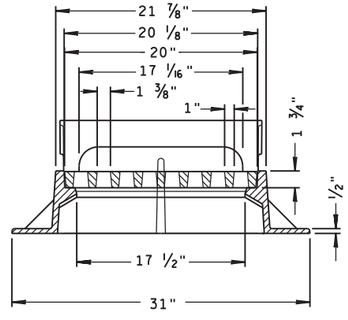


SPECIAL GRATE FOR TYPE "A" COVER

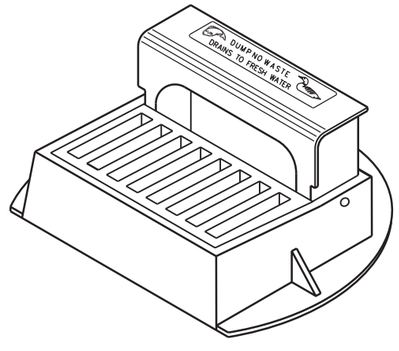
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



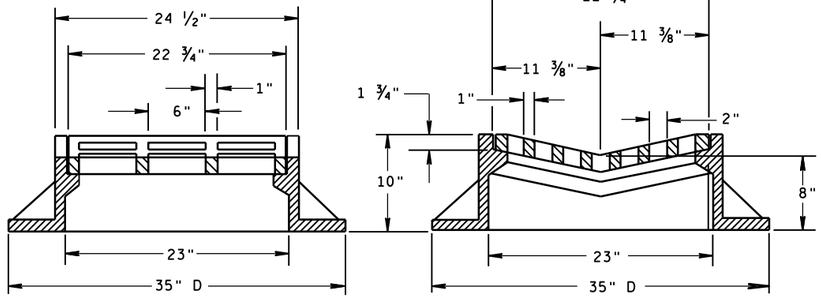
INLET COVERS TYPE A, H, A-S, H-S & Z

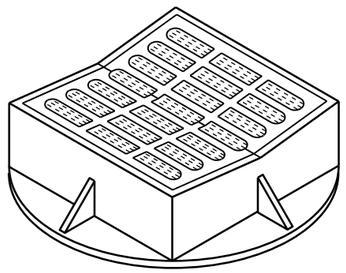
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

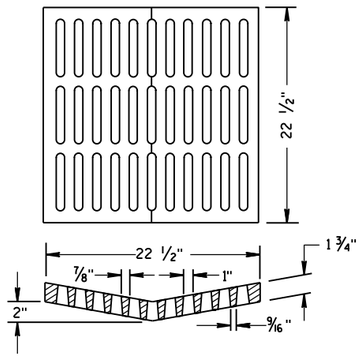
6

S.D.D. 8 A 5-19a



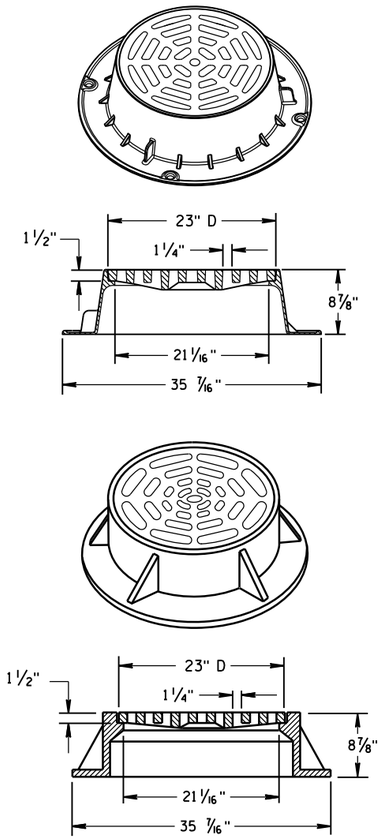


TYPE "B"



ALTERNATIVE GRATE FOR TYPE "B" COVER

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS POSSIBLE.
NOTED AS TYPE B-A ON THE DRAINAGE TABLE



TYPE "C"

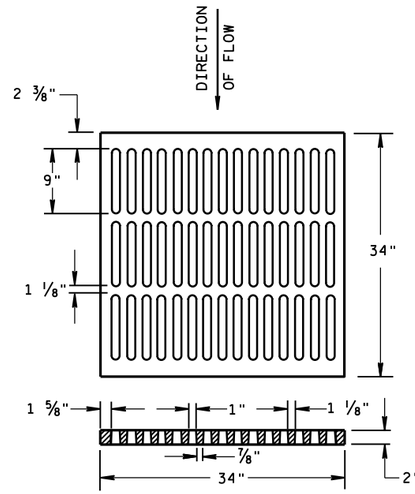
NOTE: EITHER CASTING IS ACCEPTABLE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

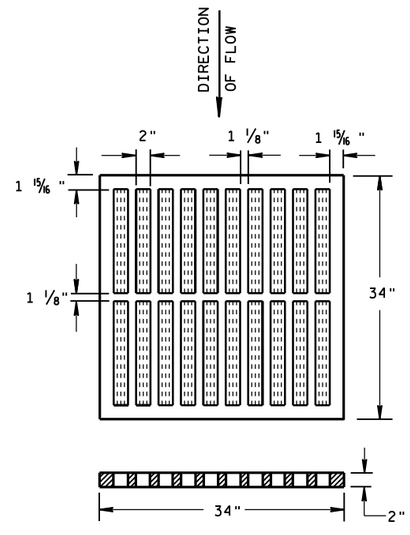
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



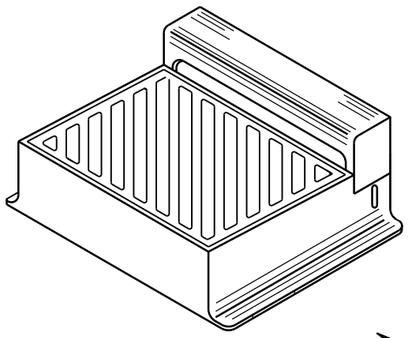
ALTERNATIVE TYPE "MS"

USE WHERE PEDESTRIAN OR BICYCLE TRAFFIC IS PERMITTED
NOTED AS TYPE MS-A ON THE DRAINAGE TABLE

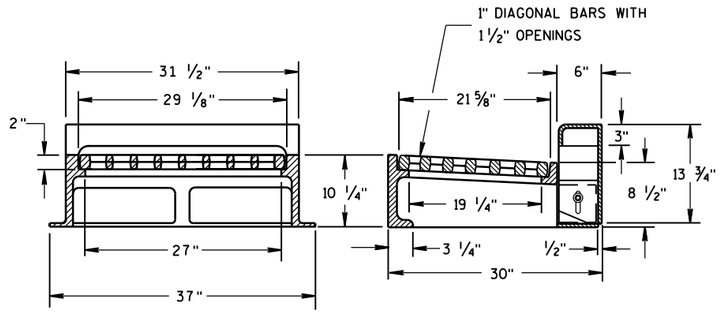


TYPE "MS"

USE ON FREEWAYS AND EXPRESSWAYS
NOTED AS TYPE MS ON DRAINAGE TABLE



DIAGONAL SLOTS, SHALL BE ORIENTED TO THE DIRECTION OF FLOW AS ILLUSTRATED. GRATES ARE MANUFACTURED TO BE REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

TYPE "WM"

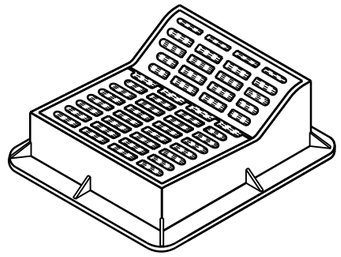
INLET COVERS
TYPE B, B-A, C,
MS, MS-A, & WM

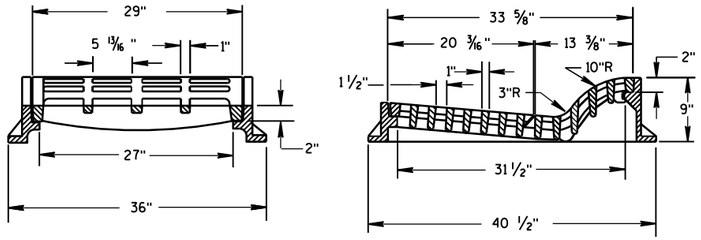
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

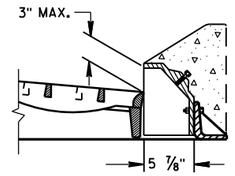
S.D.D. 8 A 5-19b





TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

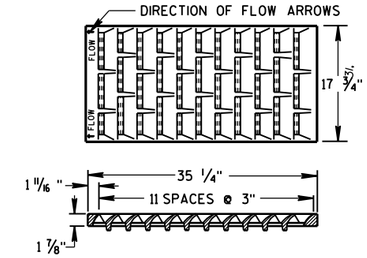
USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH
NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

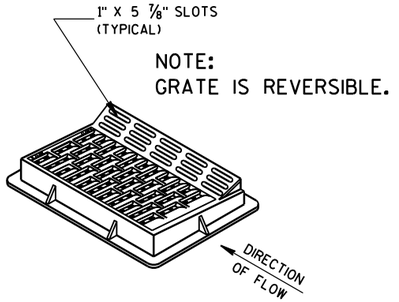
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE

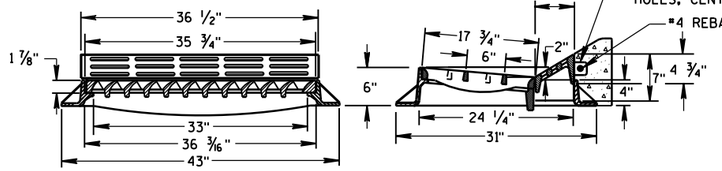
GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



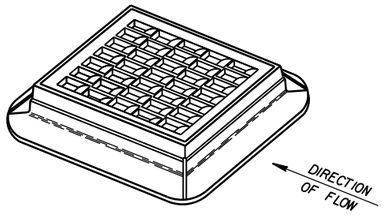


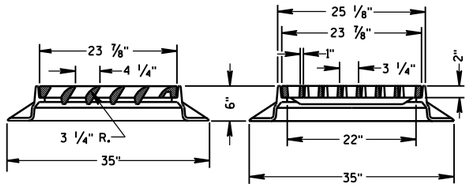


TYPE "HM"

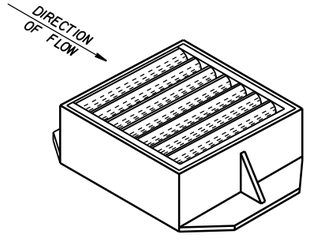
USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

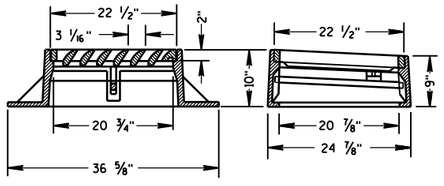
NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



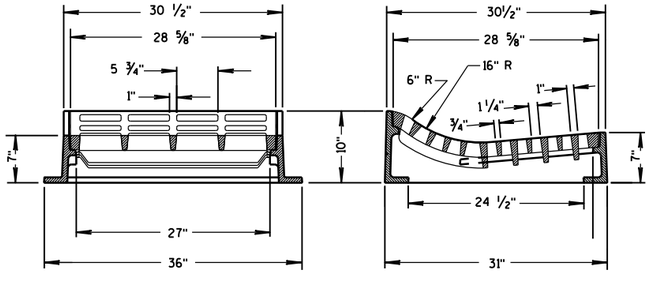


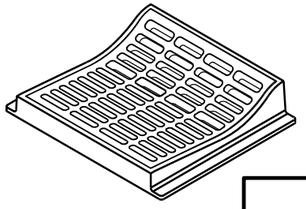
TYPE "S"





TYPE "V"





TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.

INLET COVERS
TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

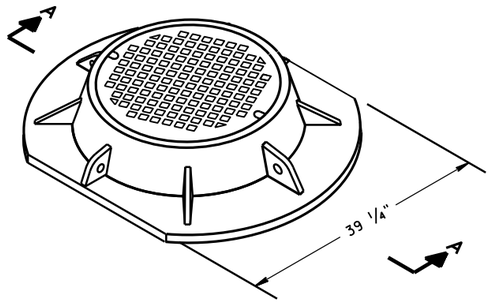
APPROVED
11/27/2013
DATE

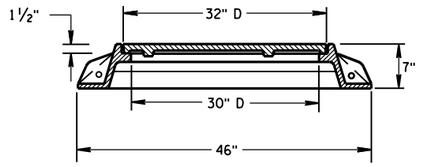
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER

FHWA

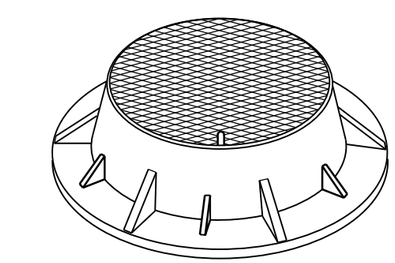
6

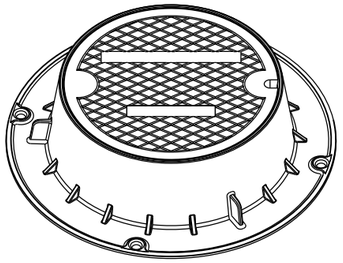
S.D.D. 8 A 5-19c

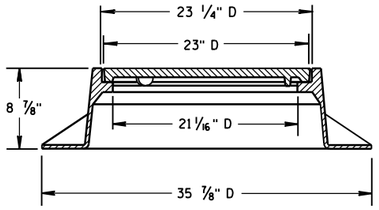


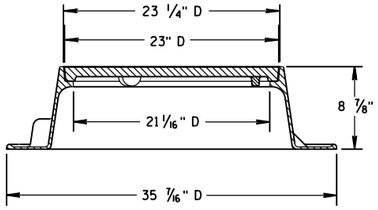


SECTION A-A
TYPE "K"









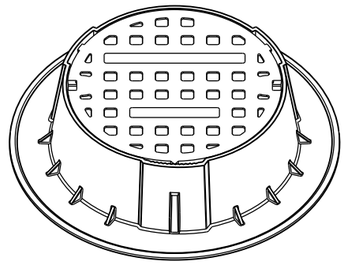
TYPE "J"
NOTE: EITHER CASTING IS ACCEPTABLE

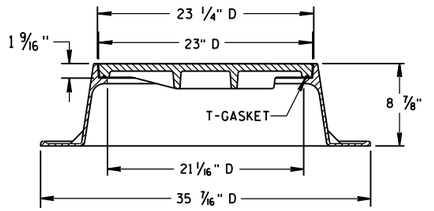
GENERAL NOTES

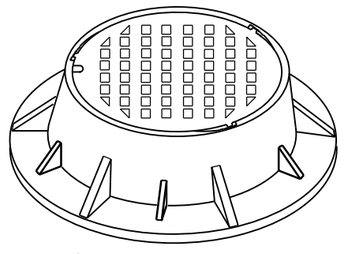
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

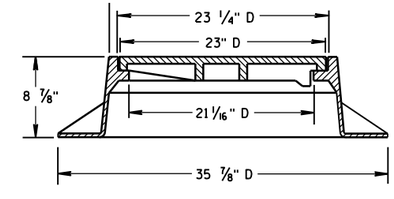
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

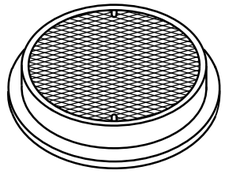


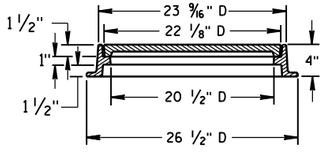




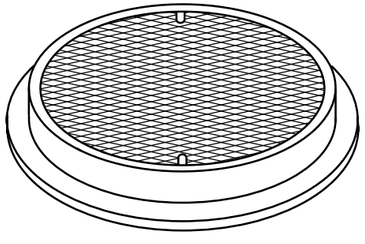


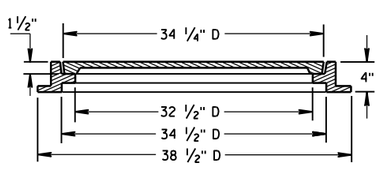
TYPE "J" SPECIAL
TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)
NOTE: EITHER CASTING IS ACCEPTABLE



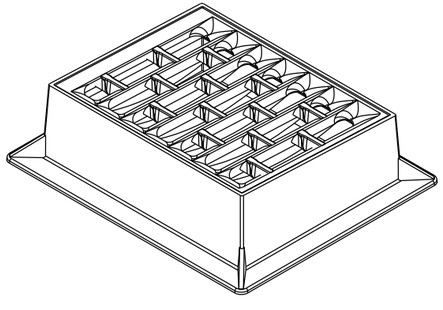


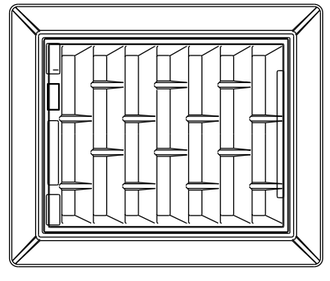
TYPE "L"

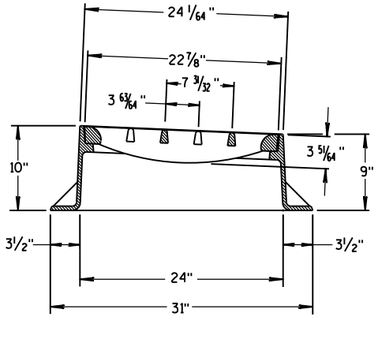


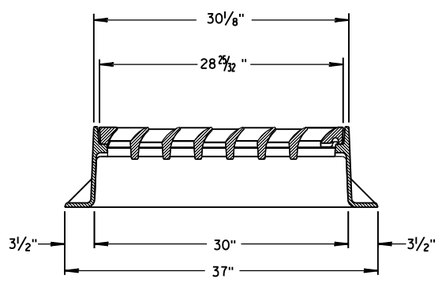


TYPE "M"









INLET COVER TYPE "BW"

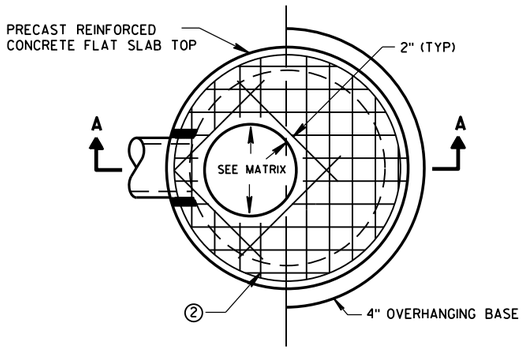
INLET COVER TYPE BW
MANHOLE COVERS, TYPE K, J, J-S, L & M

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

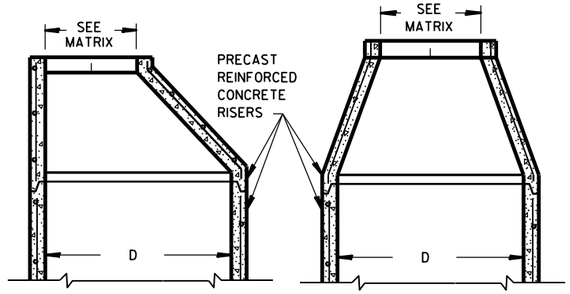
APPROVED
11/27/2013
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 A 5-19d

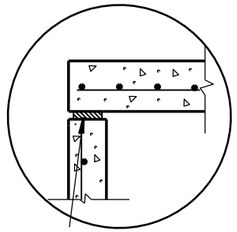


PLAN VIEW CIRCULAR OPENING

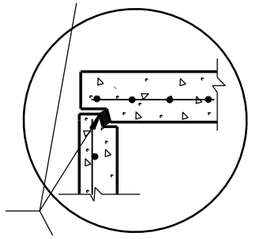


OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP

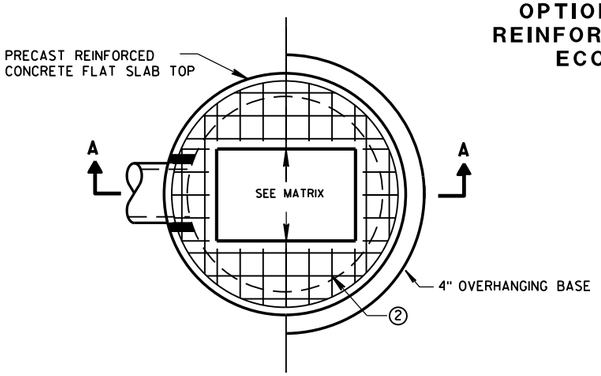
OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP



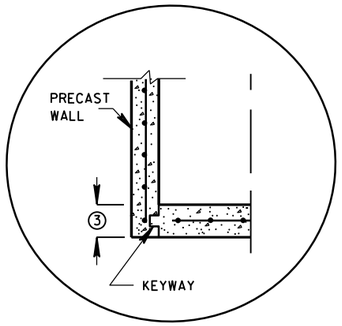
TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT

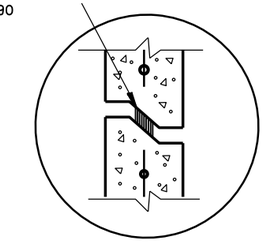


PLAN VIEW RECTANGULAR OPENING



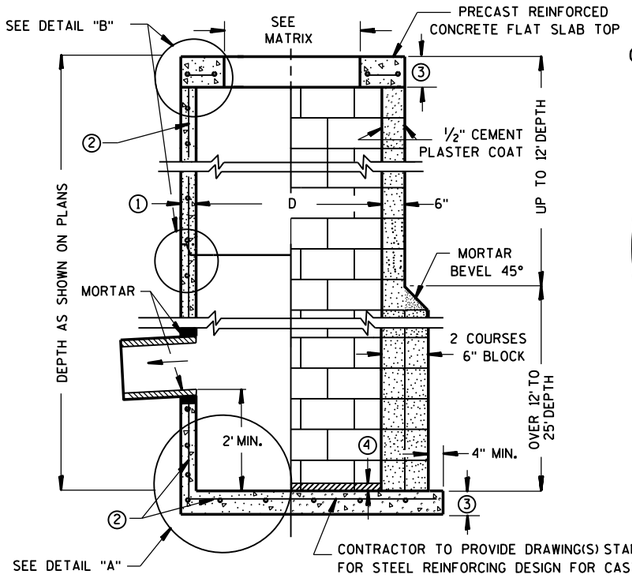
JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



RISER WITH TONGUE AND GROOVE JOINT

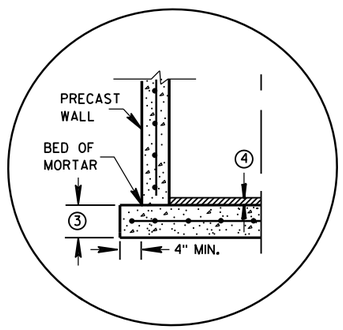
DETAIL "B"



SECTION A-A

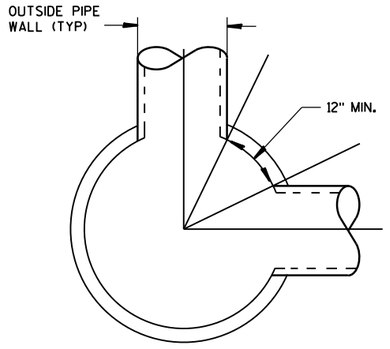
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "C"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST CATCH BASIN UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES, AND CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT, 5 INCHES FOR 4-FT, 6 INCHES FOR 5-FT AND 7 INCHES FOR 6-FT DIAMETER PRECAST CATCH BASINS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

③ PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER OF 48" AND LESS SHALL HAVE A MINIMUM THICKNESS OF 6". PRECAST FLAT SLAB TOPS AND BASES WITH A DIAMETER LARGER THAN 48" SHALL HAVE A MINIMUM THICKNESS OF 8".

④ 1" CONCRETE KEY POURED AFTER INSTALLATION. 2' SUMP MEASURED FROM TOP OF KEY.

CATCH BASIN COVER OPENING MATRIX

CATCH BASIN SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
	OPENING SIZE (FT)											
3-FT	2X2	X	X					X		X		
	2 DIA.				X							X
4-FT-6-FT	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2 DIA.				X							X
	2X3						X					
	2.5X3					X						

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18
5-FT	36	24
6-FT	42	30

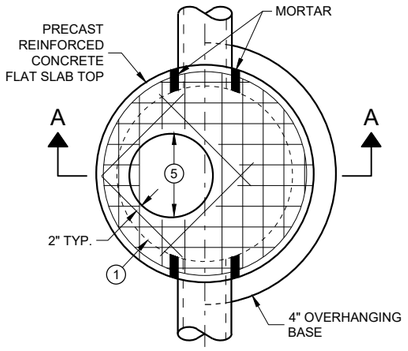
CATCH BASINS 3-FT, 4-FT, 5-FT AND 6-FT DIAMETER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

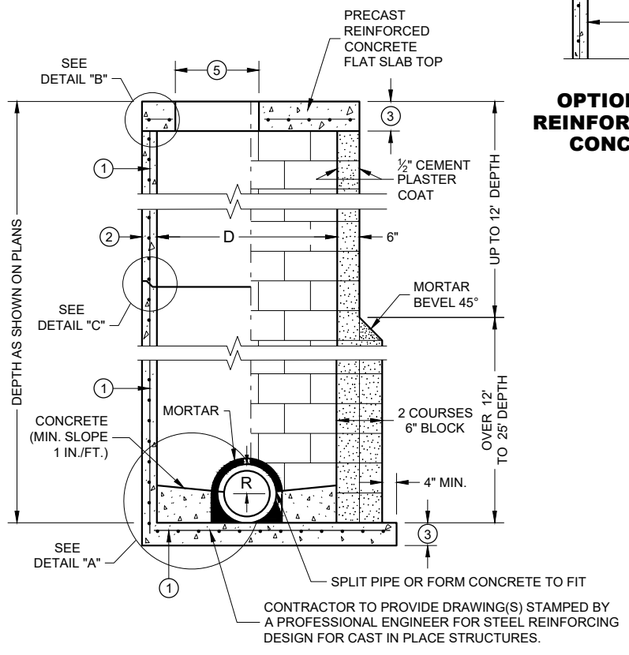
APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

S.D.D. 8 A 8-2

S.D.D. 8 A 8-2



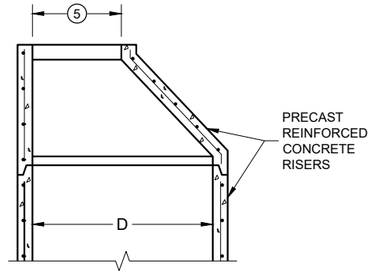
PLAN VIEW
CIRCULAR OPENING



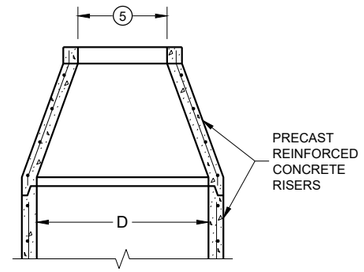
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

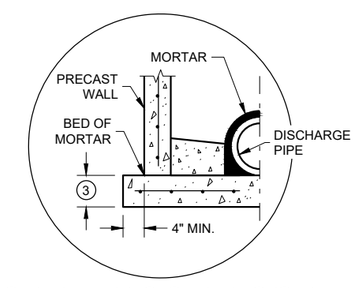
MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

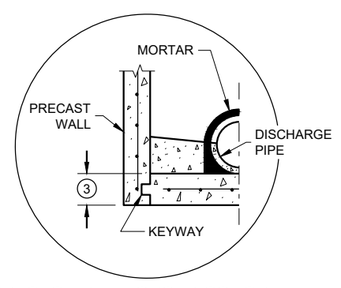
PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42*	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES.
SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

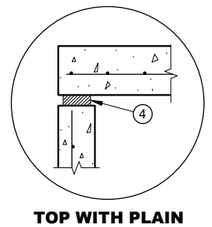


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

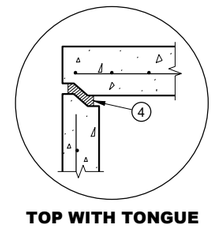


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

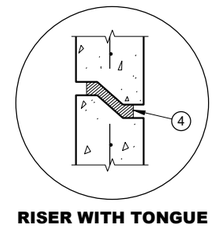
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B" **DETAIL "C"**

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

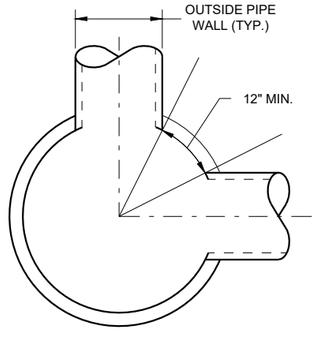
(1) FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP.).

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

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MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

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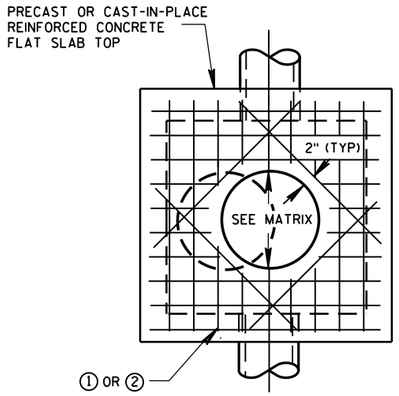
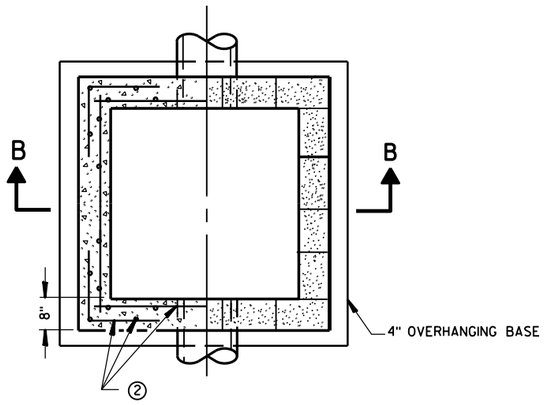
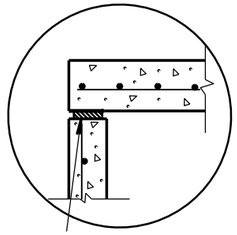


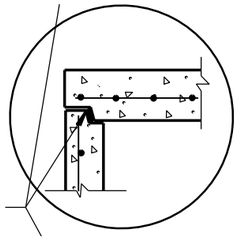
PLAN VIEW
CIRCULAR OPENING



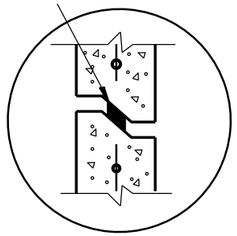
SECTION A-A
PLAN VIEW



TOP WITH PLAIN END JOINT

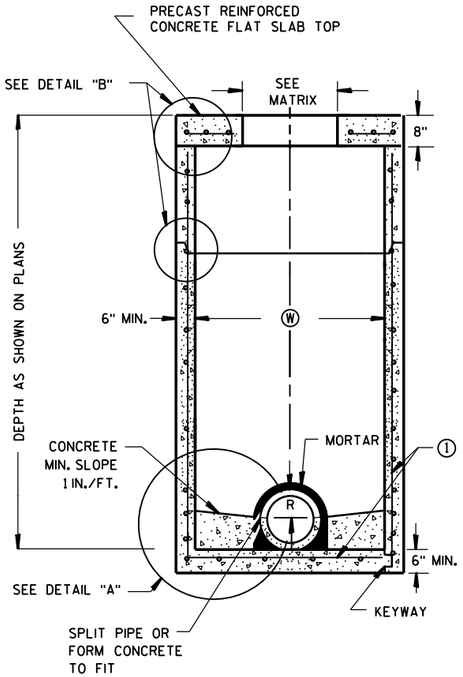


TOP WITH TONGUE AND GROOVE JOINT

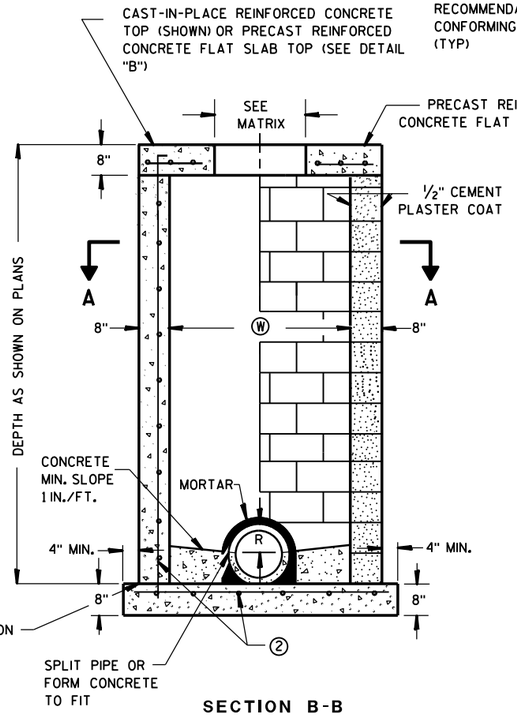


RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

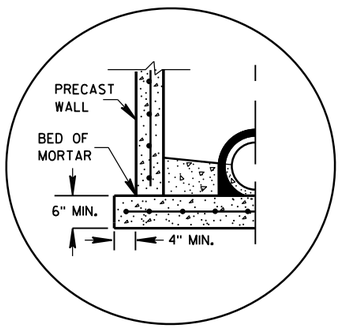


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

CAST-IN-PLACE REINFORCED CONCRETE

SECTION B-B

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

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CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

CONCRETE BLOCK WILL NOT BE PERMITED FOR STRUCTURES GREATER THAN 4 FEET IN WIDTH.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST MANHOLE UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "C". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST MANHOLES PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

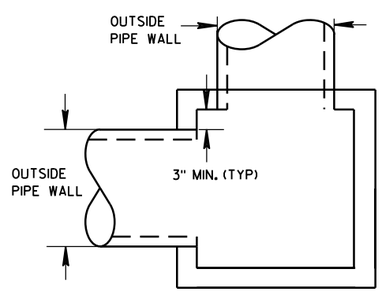
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

MANHOLE COVER OPENING MATRIX

MANHOLE COVER TYPE	C	ALL J'S	K	L	M
OPENING SIZE (FT)					
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH Ⓦ (IN)	LENGTH Ⓛ (IN)
3X3-FT	24	24
4X4-FT	30	30
5X5-FT	42	42
6X6-FT	54	54



DETAIL "C"

SQUARE MANHOLES W/ FLAT TOP

MANHOLES 3X3-FT, 4X4-FT, 5X5-FT AND 6X6-FT

MANHOLES 3X3-FT, 4X4-FT 5X5-FT AND 6X6-FT

STATE OF WISCONSIN
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/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
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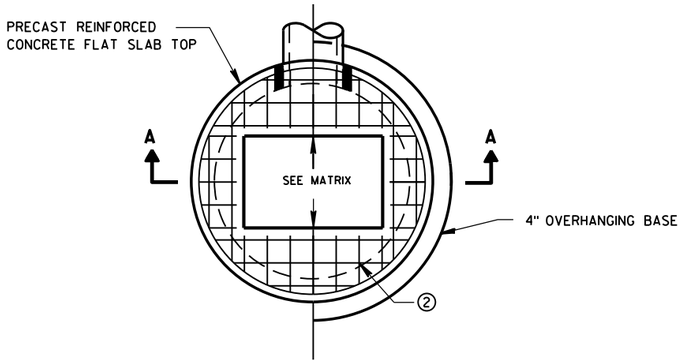
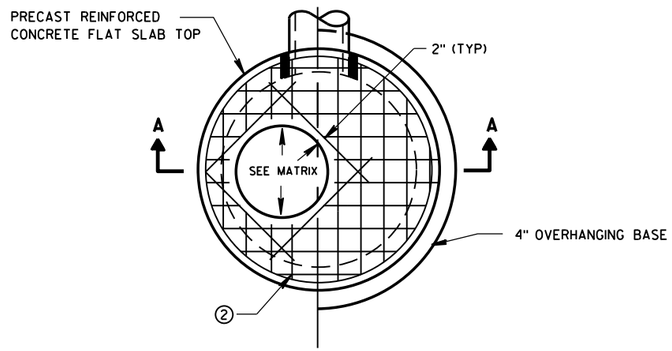
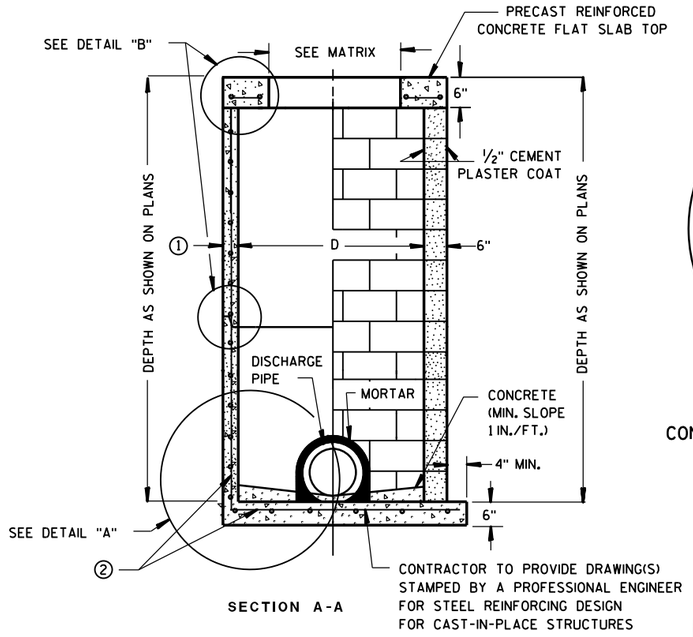
S.D.D. 8 B 10-2



PLAN VIEW RECTANGULAR OPENING



PLAN VIEW CIRCULAR OPENING

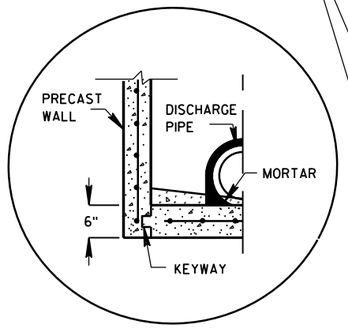


SECTION A-A

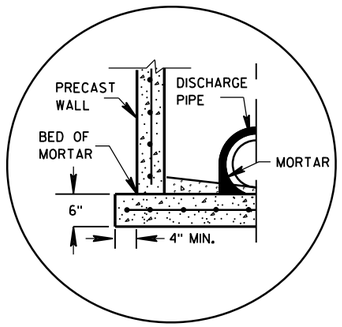
PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST-IN-PLACE OR PRECAST REINFORCED CONCRETE BASE ②

CIRCULAR INLETS W/ FLAT TOP

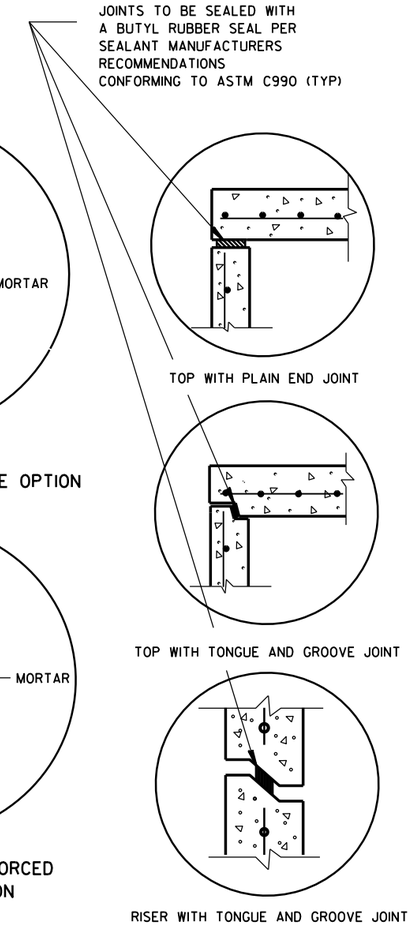


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "A"



DETAIL "B"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

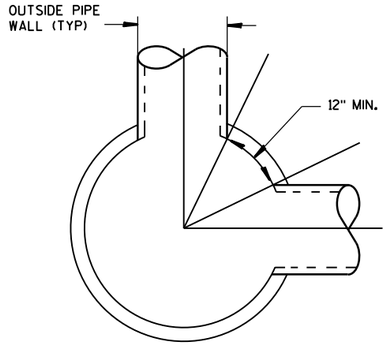
FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "C".

① MINIMUM WALL THICKNESS SHALL BE 4-IN FOR 3-FT DIAMETER AND 5-IN FOR 4-FT DIAMETER PRECAST INLETS.

② FOR PRECAST CATCH BASINS PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

INLET COVER OPENING MATRIX

	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
INLET SIZE	OPENING SIZE (FT)											
3-FT	2 DIA.				X							X
	2X2	X	X					X		X		
4-FT	2 DIA.				X							X
	2X2	X	X					X		X		
	2X2.5			X				X	X	X	X	
	2X3						X					
	2.5X3					X						



DETAIL "C"

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	180° SEPARATION (IN)	90° SEPARATION (IN)
3-FT	15	12
4-FT	24	18

INLETS 3-FT AND 4-FT DIAMETER

STATE OF WISCONSIN
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INLETS 3-FT AND 4-FT DIAMETER

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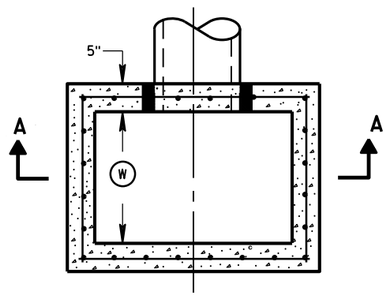
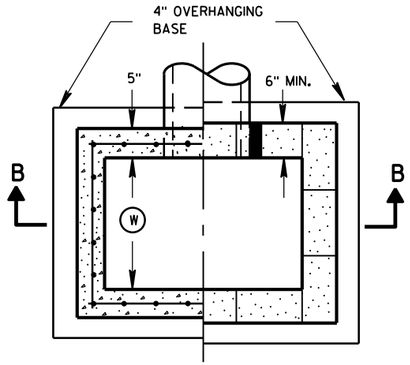
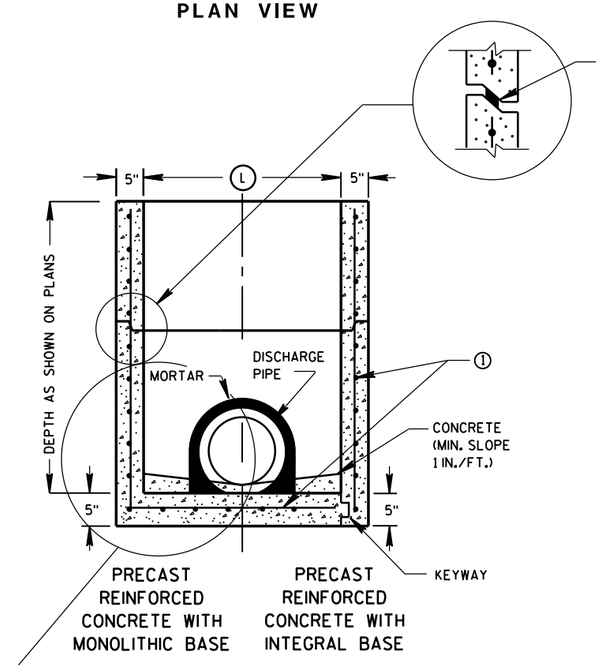


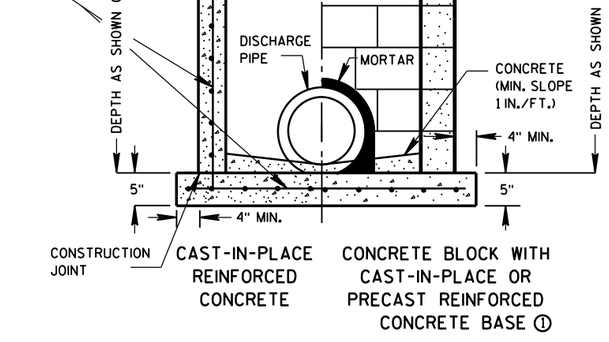
PLAN VIEW



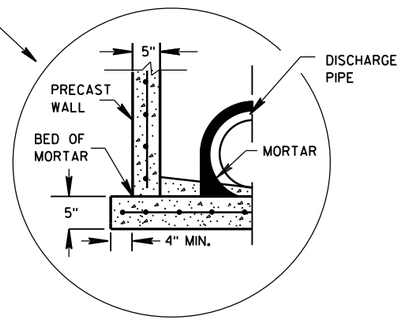
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

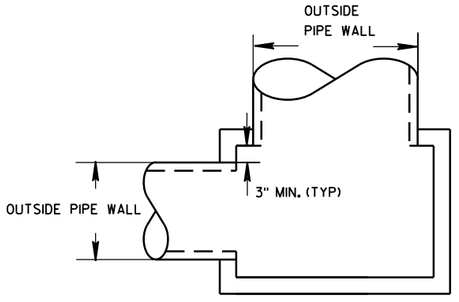
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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/S/ Rodney Taylor
ROADWAY STANDARDS D IT UNIT SUPERVIS
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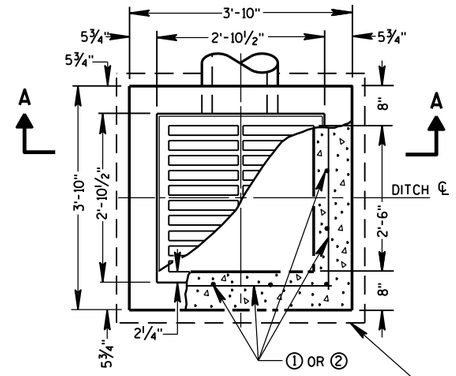
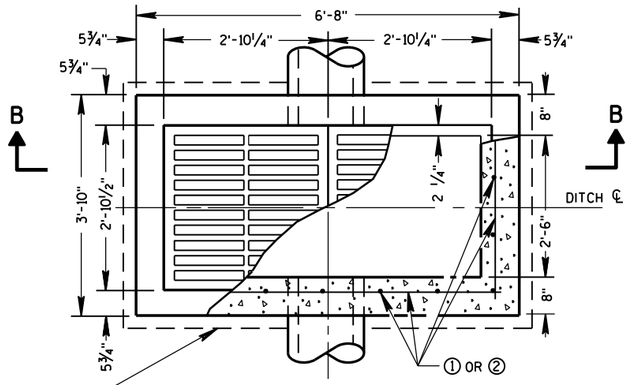
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

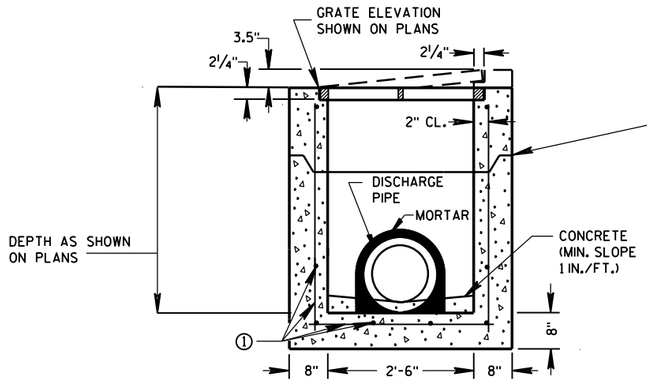


PLAN VIEW

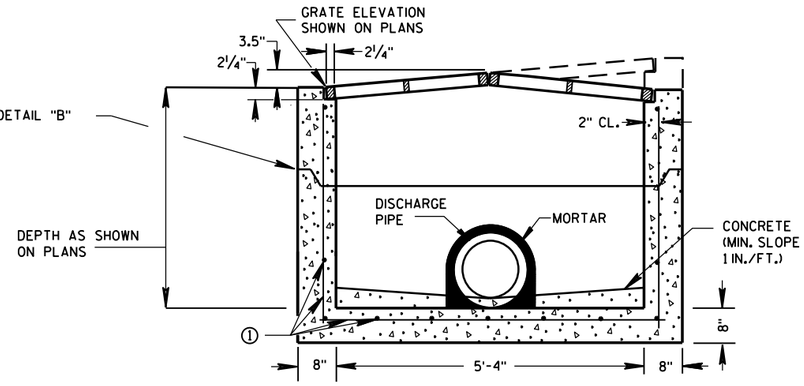


PLAN VIEW

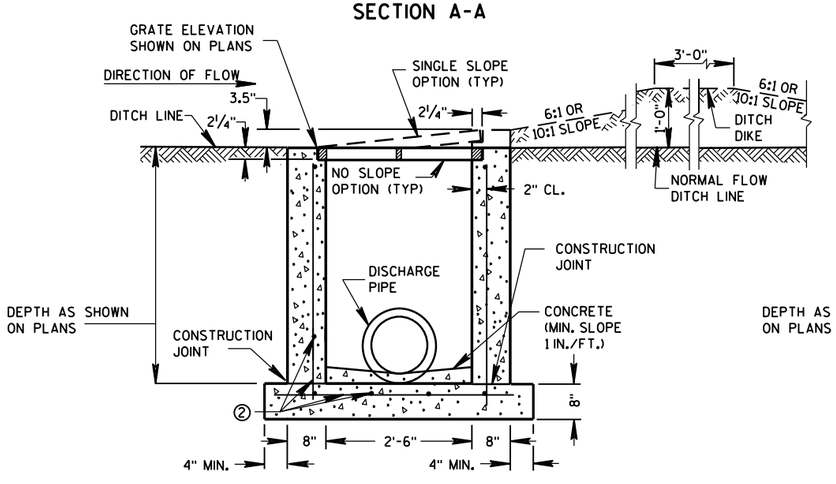
4" OVERHANGING BASE ON REINFORCED CAST-IN-PLACE CONCRETE INLETS



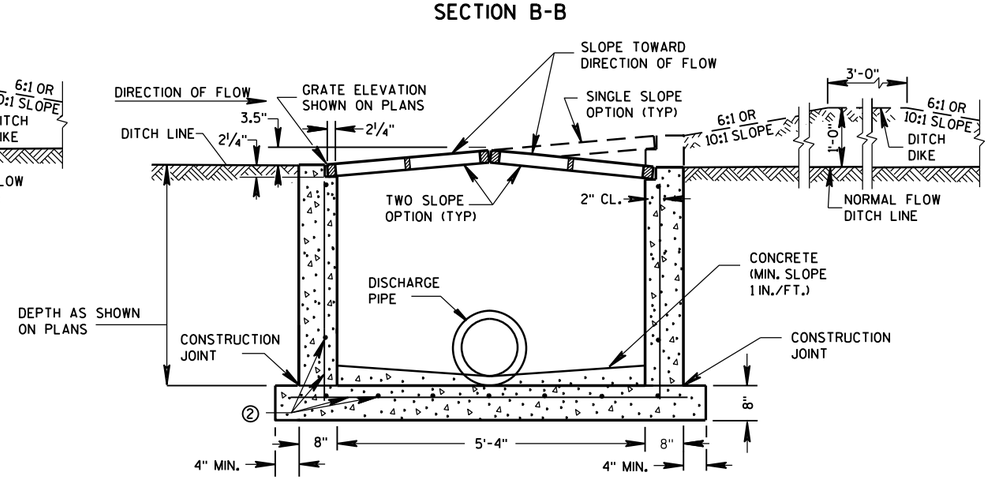
PRECAST REINFORCED CONCRETE SECTION A-A



PRECAST REINFORCED CONCRETE SECTION B-B



REINFORCED CAST-IN-PLACE CONCRETE SECTION A-A



REINFORCED CAST-IN-PLACE CONCRETE SECTION B-B

INLETS MEDIAN 1 GRATE

INLETS MEDIAN 2 GRATE

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLETS WHICH MAY INCLUDE PRECAST REINFORCED CONCRETE INLETS, SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL MEDIAN INLETS ARE DESIGNATED ON THE PLANS AS "INLETS, 1G-MS", ETC. THE FIRST NUMBER AND LETTER DESIGNATE THE TYPE OF STRUCTURE, AND THE FOLLOWING LETTERS DESIGNATE THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

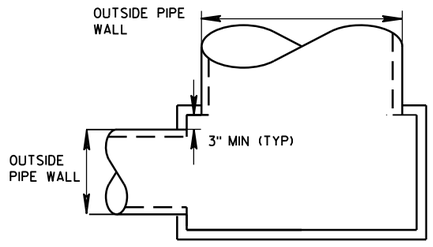
MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

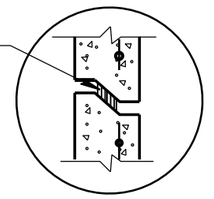
PIPE MATRIX

	MAXIMUM INSIDE PIPE DIAMETER	
INLET SIZE	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42



DETAIL "A"

JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 (TYP)



DETAIL "B"

INLETS MEDIAN 1 AND 2 GRATE

STATE OF WISCONSIN
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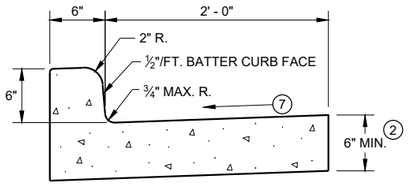
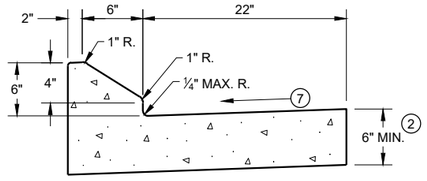
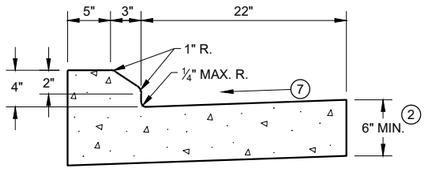


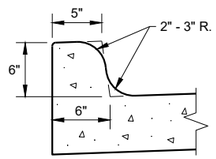
TYPES A (1) & D



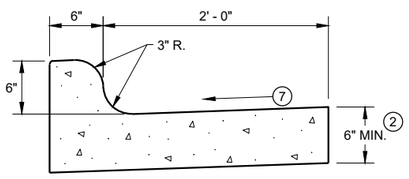
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

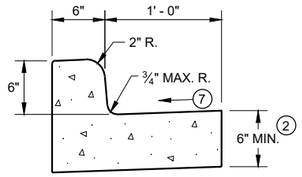


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



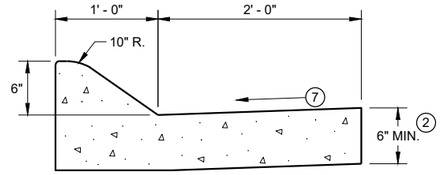
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

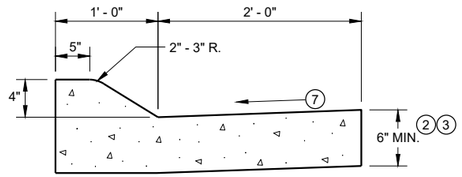


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

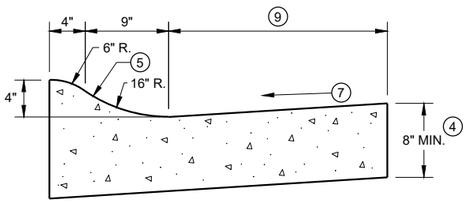


6" SLOPED CURB TYPES A (1) & D



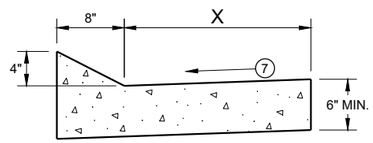
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

TBT & TBTT	X
30"	22"
36"	28"

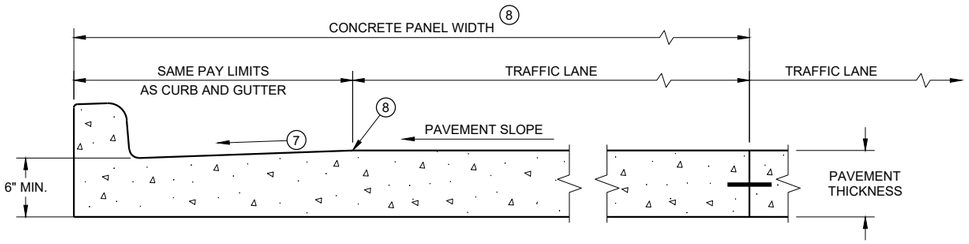


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

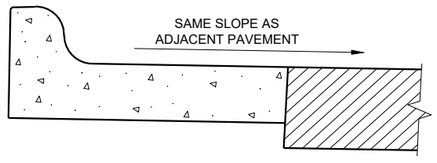
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

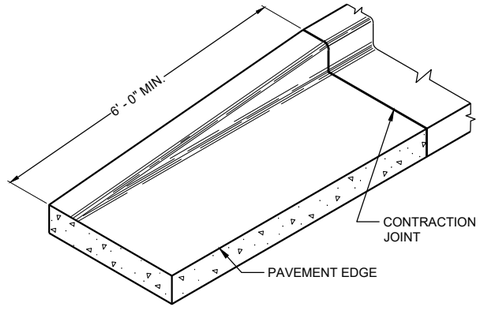
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

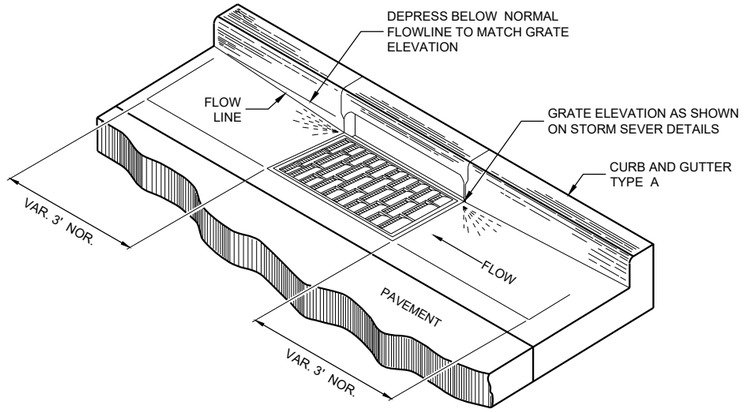
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
SDD 08D01 - 23a



END SECTIONCURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

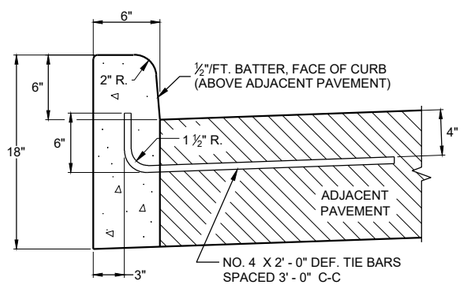
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

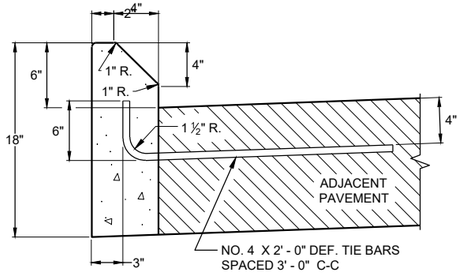
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

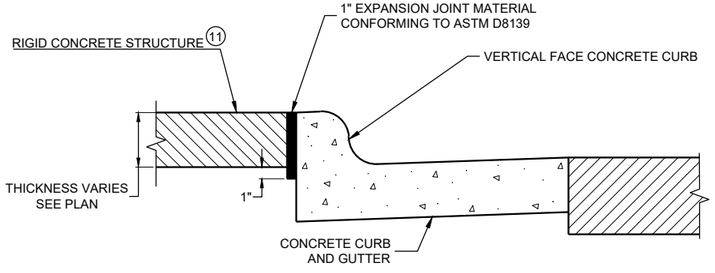


TYPES A (1) & D

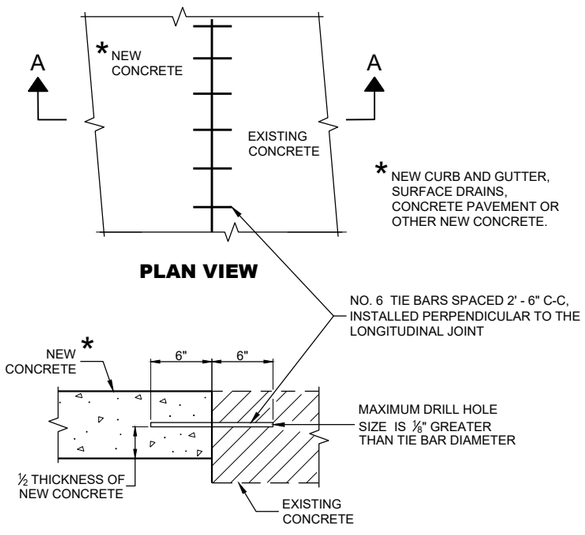


TYPES G (1) & J

CONCRETE CURB



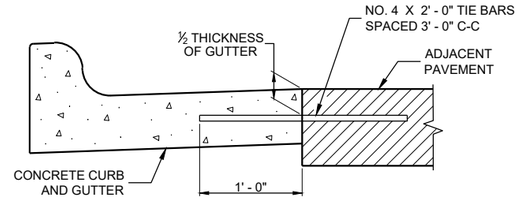
EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



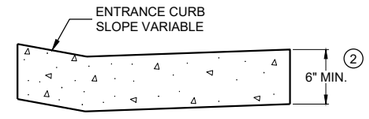
PLAN VIEW

SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (10)

(WHEN DIRECTED BY THE ENGINEER)

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVE ENGINEER

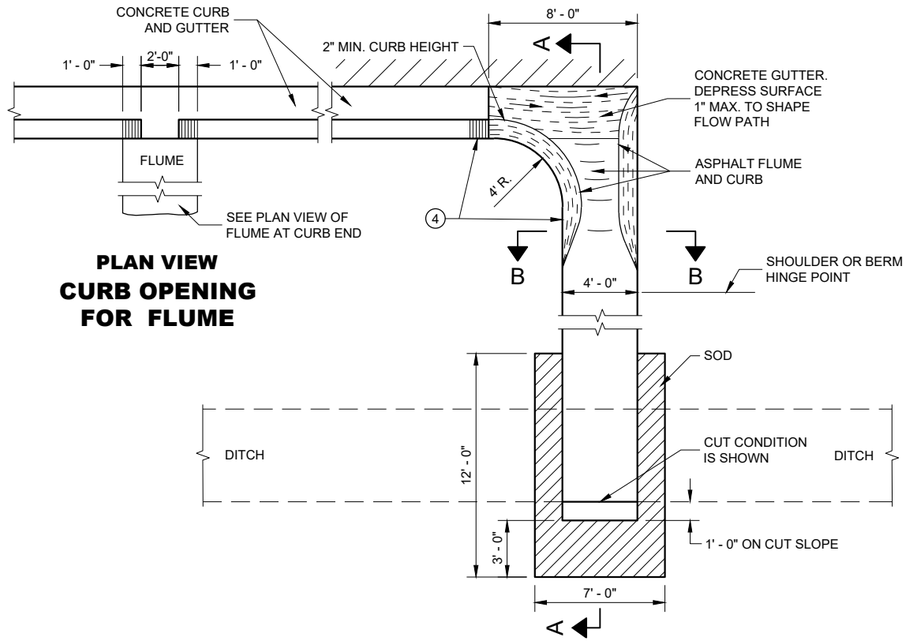
FHWA

6

SDD08D01 - 23b

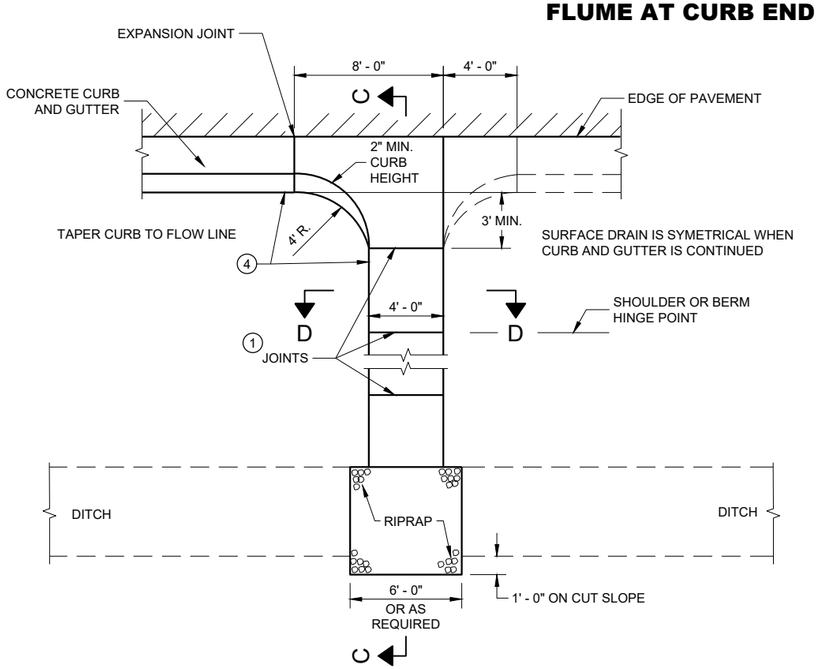
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



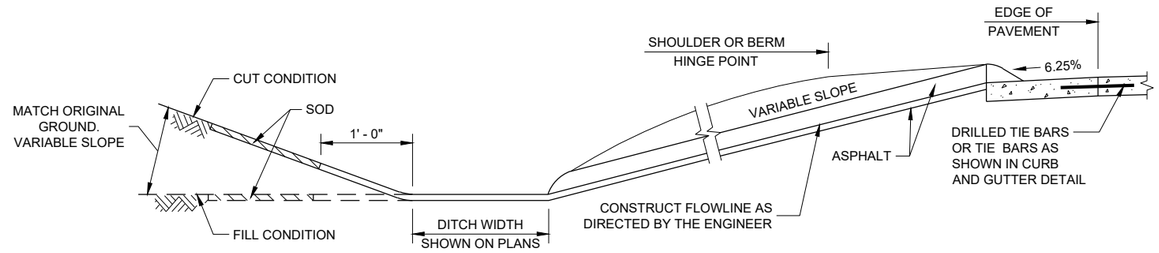
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

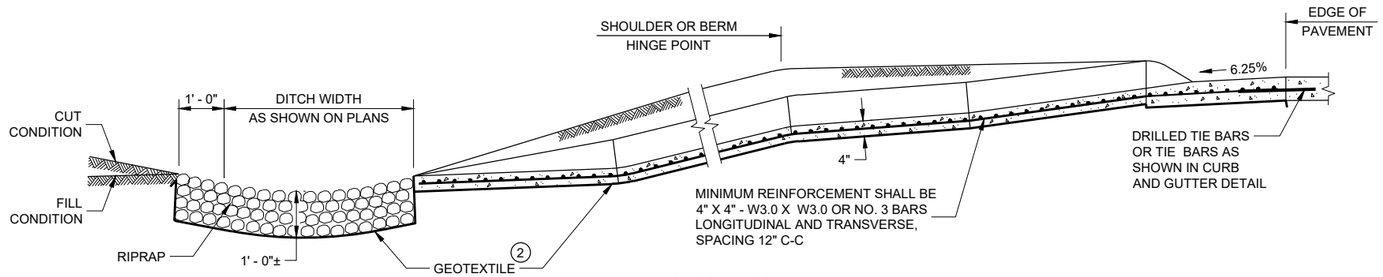
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

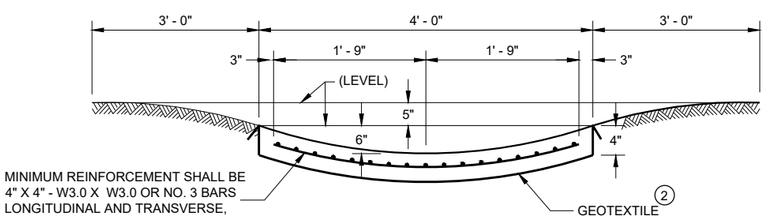


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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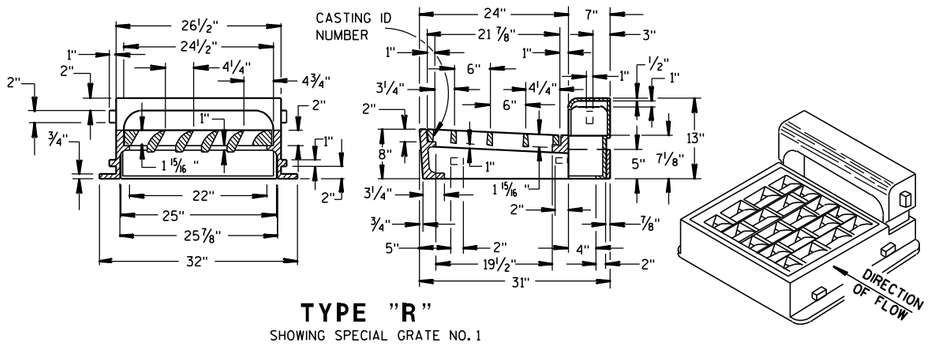
SDD 08D04 - 07

6

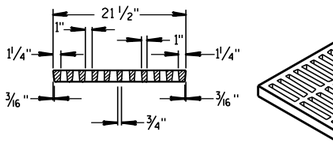
SDD 08D04 - 07

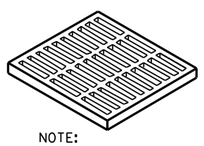
INLET COVERS



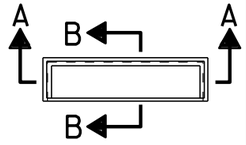
TYPE "R"

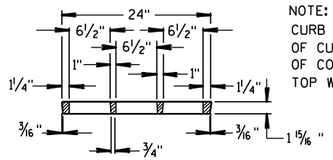
SHOWING SPECIAL GRATE NO. 1
(TO BE NOTED AS R-1 IN DRAINAGE TABLE)



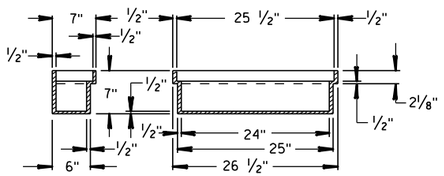


(APPROX. WEIGHT - 510 LBS.)
FRAME..... 245 LBS.
CURB..... 120 LBS.
GRATE..... 145 LBS.





NOTE:
CURB PLUG USED IN PLACE OF CURB BOX IN ABSENCE OF CONC. CURB. FILL TO TOP WITH CONCRETE.



GRATE FOR TYPE "R" INLET COVER

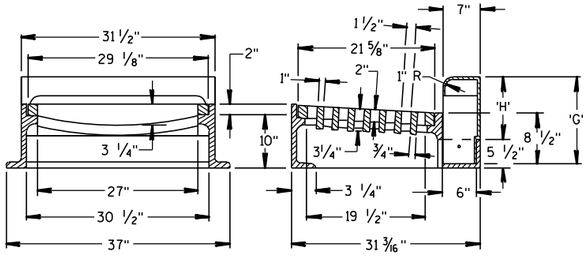
(GRATE..... 150 LBS.)
(TO BE USED UNLESS OTHERWISE NOTED IN DRAINAGE TABLE)

SECTION B-B SECTION A-A

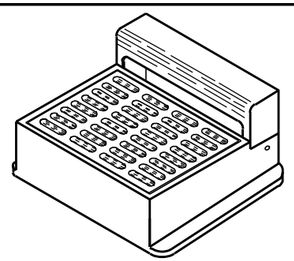
SPECIAL CURB PLUG "P"

(CURB PLUG..... 85 LBS.)
(TO BE NOTED AS R-P IN DRAINAGE TABLE)

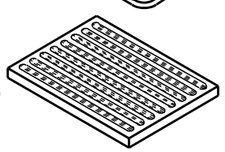
'H' = 9" FOR 6" CURB
'H' = 11" FOR 8" CURB
'G' = 13 3/4" FOR 6" CURB
'G' = 15 3/4" FOR 8" CURB



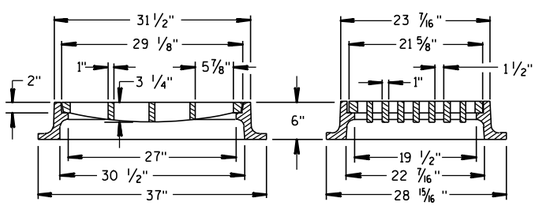
TYPE "W"



(APPROX. WEIGHT - 670 LBS.)
FRAME..... 350 LBS.
CURB BOX..... 135 LBS.
GRATE..... 185 LBS.



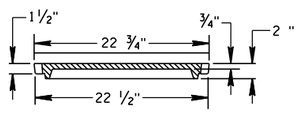
ALTERNATE GRATE
(FOR EXPRESSWAY RAMPS)
TYPES "W" & "X"



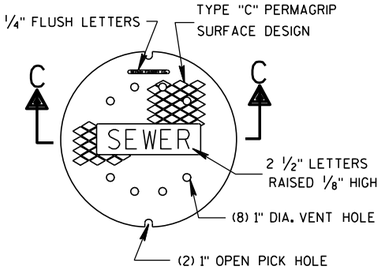
TYPE "X"

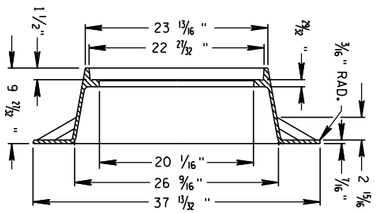
(APPROX. WEIGHT - 470 LBS.)

MANHOLE COVER



SECTION C-C

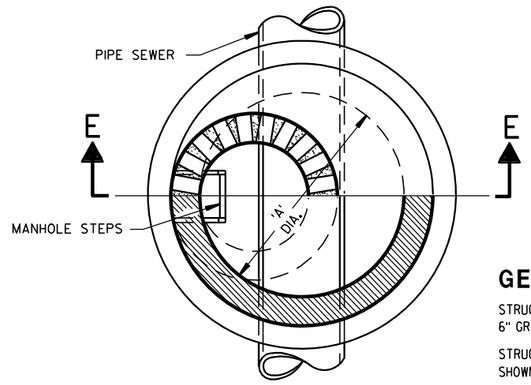




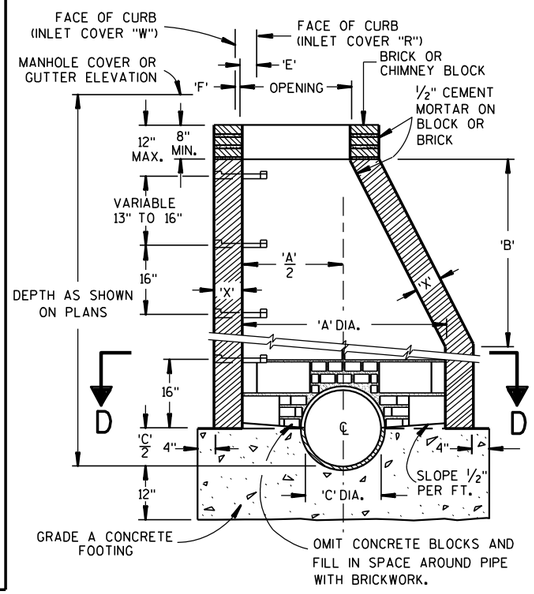
TYPE "Q"

(APPROX. WEIGHT - 290 LBS.)

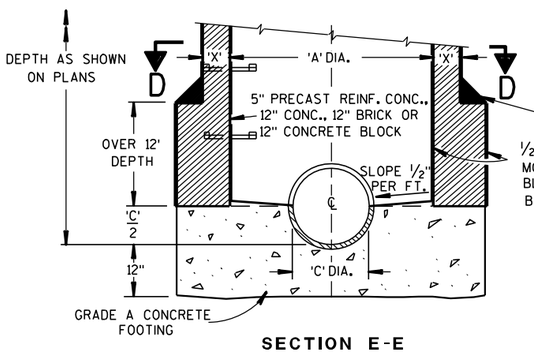
MANHOLE



HALF SECTION D-D



SECTION E-E



SECTION E-E

TYPES 11, 12, 13 & 14

TABLE OF OPENING DIMENSIONS

COVER TYPE	COVER DESCRIPTION	OPENING	'E'	'F'
"O"	ROUND	2'-2" DIA.	—	—
"W"	CURB BOX	1'-8" X 2'-6"	—	1"
"X"	INLET	1'-10" X 2'-6"	—	—
"R"	CURB BOX	2'-0" X 2'-1"	4"	—

TABLE OF DIMENSIONS

TYPE	'A'	'B'	'C'
11	3'-6"	2'-8"	12" - 36"*
12	4'-0"	3'-8"	12" - 42"**
13	5'-0"	5'-8"	42" - 48"
14	6'-0"	7'-8"	54" - 60"

* 12" - 21" FOR PRECAST MANHOLES
** 12" - 24" FOR PRECAST MANHOLES

THE FIRST STEP SHALL BE PLACED 16" ABOVE THE BENCH.

GENERAL NOTES

STRUCTURE WALL THICKNESS 'X' TO BE 8" BRICK, 6" CONCRETE BLOCK, 6" GRADE A CONCRETE OR 5" PRECAST REINFORCED CONCRETE.

STRUCTURE FOOTINGS ARE TO BE GRADE A CONCRETE OF THE THICKNESS SHOWN IN THE DETAIL OR 5" PRECAST REINFORCED CONCRETE.

REINFORCEMENT FOR 5" PRECAST REINFORCED CONCRETE SHALL BE 6" X 6" W16 X W16 WELDED SREEL WIRE FABRIC AND SHALL BE EMBEDDED 2" CLEAR.

PRECAST INLET UNITS AND BASES SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199.

PRECAST CONCRETE FLAT SLAB TOPS MAY BE USED ON THE STRUCTURES. THE TOPS SHALL BE INSTALLED ON A BED OF MORTAR.

PRECAST REINFORCED BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6" IN DEPTH, WHICH MEETS THE REQUIREMENTS FOR GRANULAR BACK-FILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

SET FRAME ELEVATION 0.03 FT. LOWER THAN ELEVATION INDICATED ON THE PLANS.

THE CONTRACTOR MAY FORM AND POUR MONOLITHIC CONCRETE INVERT PROVIDED THE PIPE ENDS ARE EXTENDED INTO THE M.H. AND NOT TERMINATED WITHIN THE M.H. WALLS.

MANHOLE STEPS

STEPS MEETING THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH; 16 INCH C-C MAX. SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM WALL EMBEDMENT OF 3 INCHES IN PRECAST MANHOLE AND 6 INCHES IN 8 INCH BRICK OR 6 INCH BLOCK MANHOLE; TREAD OF STEP SHALL HAVE A NON-SKID SURFACE AND BE FLANKED BY CLEATS, WITH A MINIMUM OF 10 INCHES CLEAR BETWEEN CLEATS, TO PREVENT FOOT SLIPPING OFF THE EDGE CLEATS SHALL BE A MINIMUM OF 3/4 INCH HIGH BY 3/4 INCH WIDE HAVING A MINIMUM THICKNESS OF 5/8 INCH. STEPS SHALL BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 300 LBS. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 1 INCH.

SOLID ALUMINUM STEPS SHALL HAVE A MINIMUM CROSS SECTIONAL DIMENSION OF 0.75 INCH. ALUMINUM SURFACES TO BE EMBEDDED IN CONCRETE SHALL BE GIVEN ONE COAT OF SUITABLE QUALITY PAINT, SUCH AS ZINC CHROMATE PRIMER CONFORMING TO FEDERAL SPECIFICATION TT-P-645 OR EQUIVALENT. STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCING BAR WILL BE ACCEPTABLE.

MANHOLES, MANHOLE & INLET COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4/12/2011 — DATE
/S/ Jerry H. Zogg — ROADSIDE STANDARDS ENGINEER
298
FHWA

S.D.D. 8 D 17-6

GENERAL NOTES

A MAXIMUM RADIUS OF 10 FEET SHALL BE USED FOR NON-COMMERCIAL PRIVATE ENTRANCES. RADII FOR COMMERCIAL DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER BASED ON TRAFFIC AND DRIVEWAY PERMIT RESTRICTIONS.

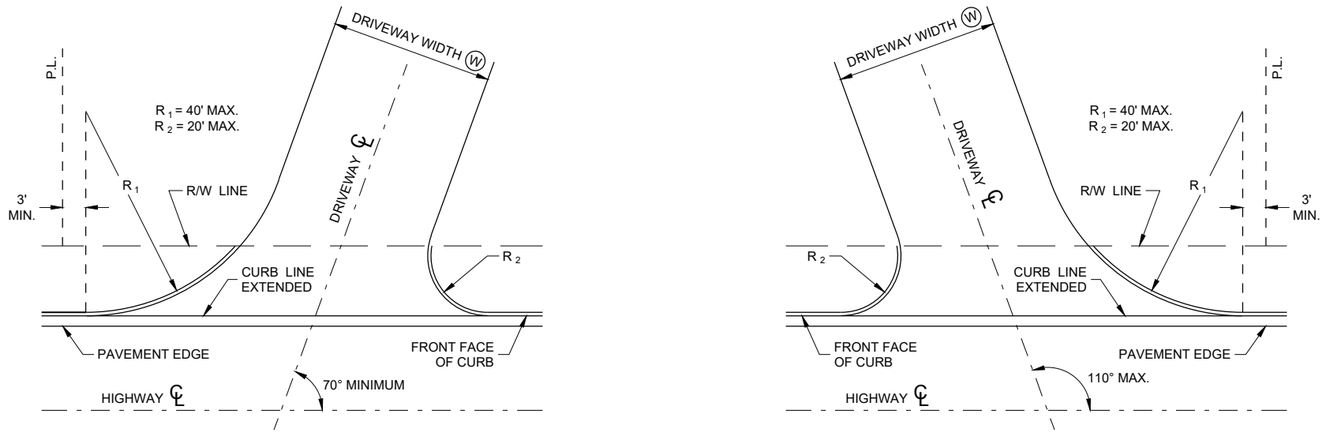
THE MINIMUM ANGLE OF INTERSECTION BETWEEN THE DRIVEWAY AND HIGHWAY CENTERLINES SHALL BE 70°.

ALL CURVILINEAR PRIVATE ENTRANCE OUTLINES SHALL BE CONTAINED WITHIN THE HIGHWAY R/W.

NO DRIVEWAY SHALL BE BUILT WITHIN 3 FEET OF THE PROPERTY LINE EXCEPT FOR EXISTING JOINT DRIVEWAY SHARED BY TWO OWNERS.

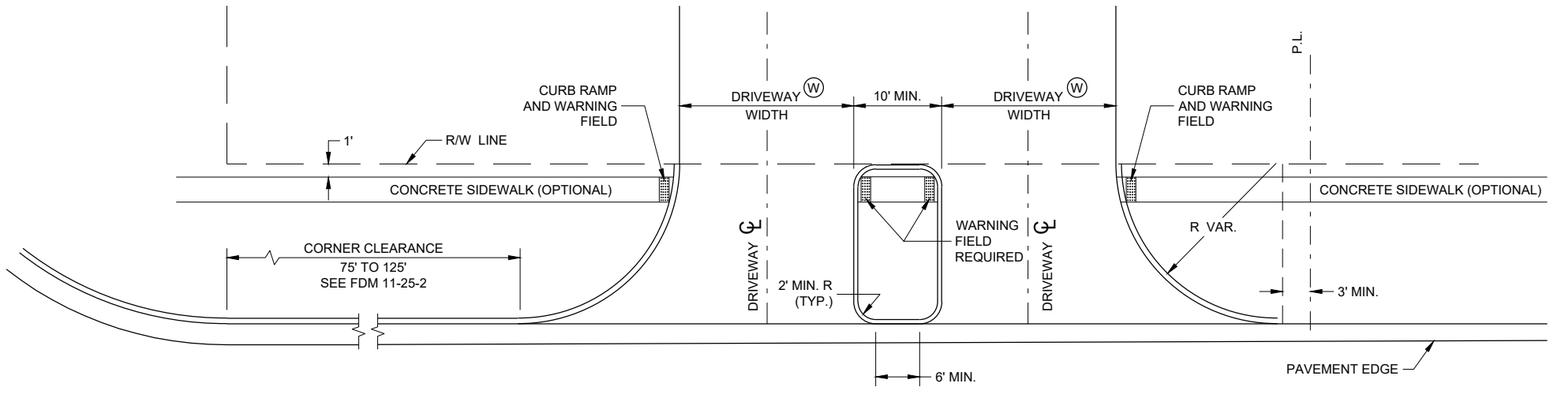
Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



SKEWED DRIVEWAY DETAILS (COMMERCIAL AND NON-COMMERCIAL)

SIDEWALK NOT SHOWN



DRIVEWAY LOCATION AND SPACING DETAILS

SIDEWALK SHOWN

DRIVEWAYS WITH CURB AND GUTTER RETURNS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

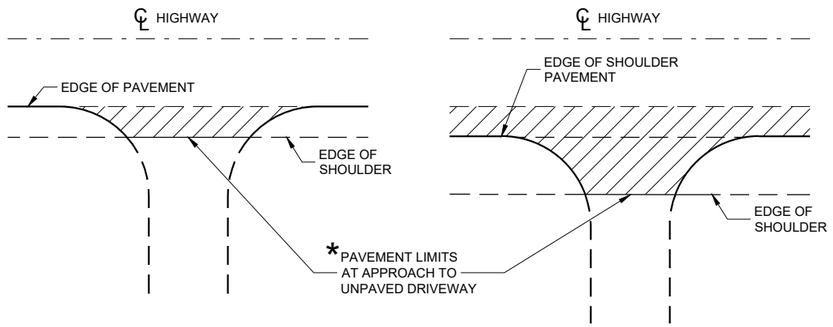
00-00-00 — DATE

/S/ <AUTHOR> — ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 08D20 - 01

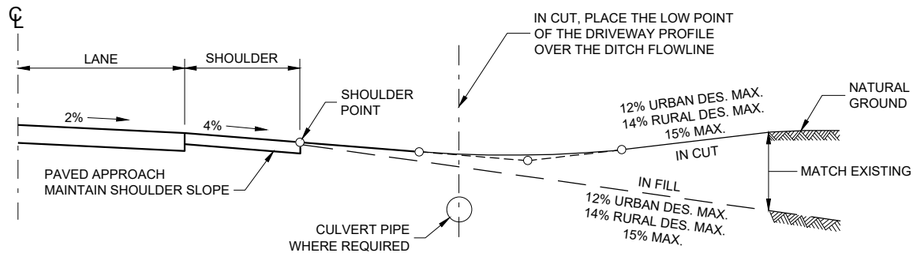
SDD 08D20 - 01



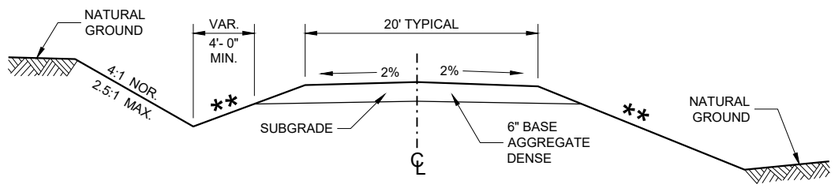
PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB AND GUTTER OR SIDEWALK)



TYPICAL DRIVEWAY PROFILES

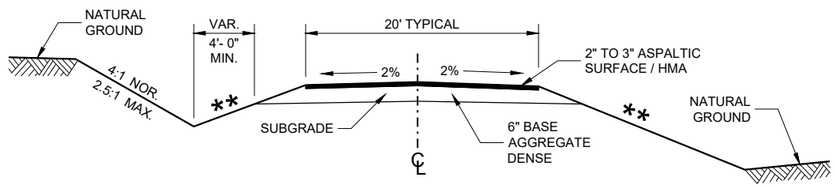


IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

** SLOPE CAN VARY WITH SPEED. SEE 11-45-30.6.2

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥ 35 TO < 60	6:1
≥60	10:1



IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

DRIVEWAYS WITHOUT CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR
FHWA

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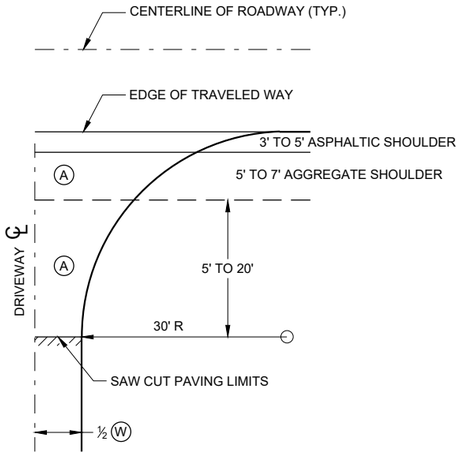
SDD 08D21 - 01

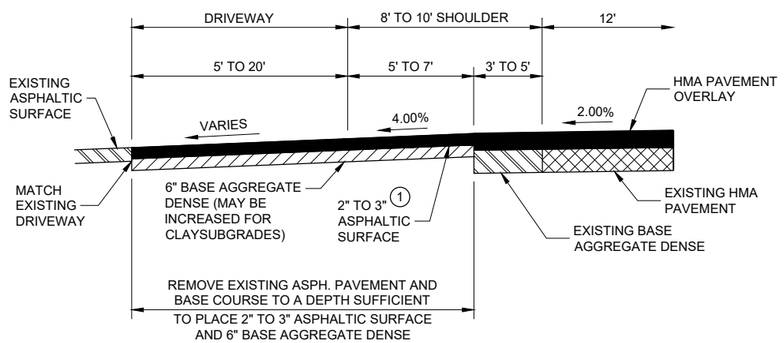
GENERAL NOTES

(1) DESIGN WILL DETERMINE FINAL DRIVEWAY ASPHALTIC THICKNESS BASED ON TYPE OF USAGE AND LOADINGS.



PLAN VIEW

HALF SECTION



PROFILE VIEW

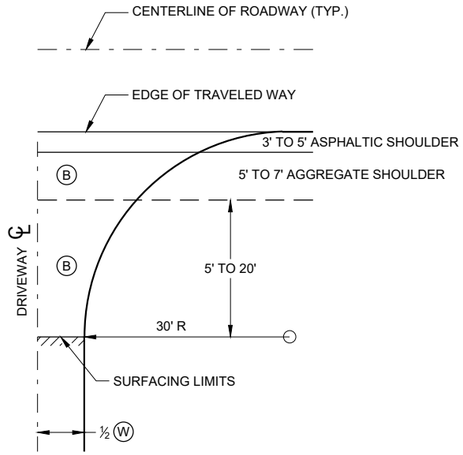
RURAL ENTRANCE WITH ASPHALTIC SURFACE

RESURFACING PROJECTS

(A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)

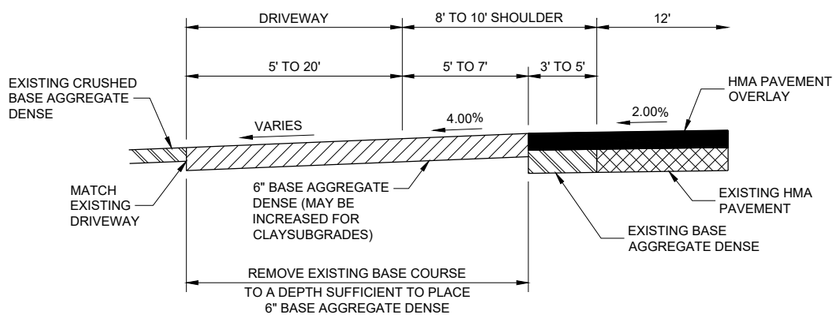
(B) : PAID FOR AS BASE AGGREGATE DENSE 1 ¼" (TON)

(W) : DRIVEWAY WIDTH 16' MIN. - 24' MAX.



PLAN VIEW

HALF SECTION



PROFILE VIEW

RURAL ENTRANCE WITH AGGREGATE SURFACE

6" BASE AGGREGATE DENSE

RESURFACING PROJECTS

DRIVEWAYS WITHOUT CURB AND GUTTER RESURFACING PROJECTS RURAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2016 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE ENGINEER
FHWA

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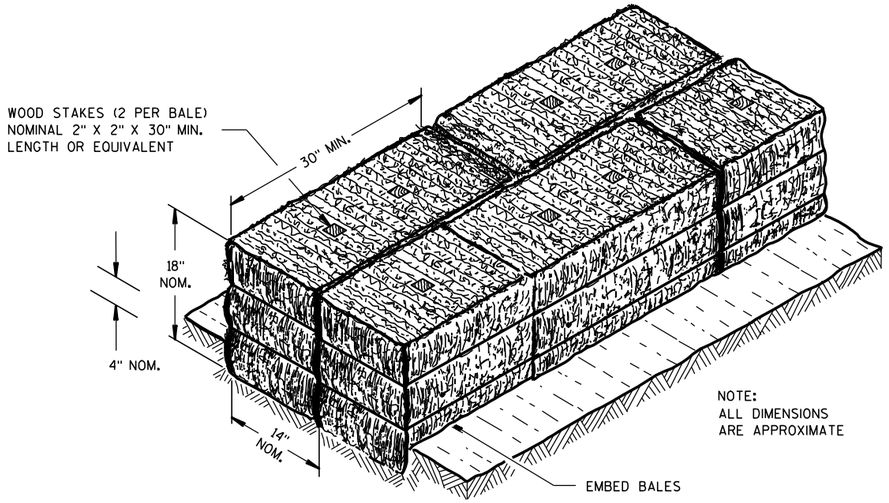
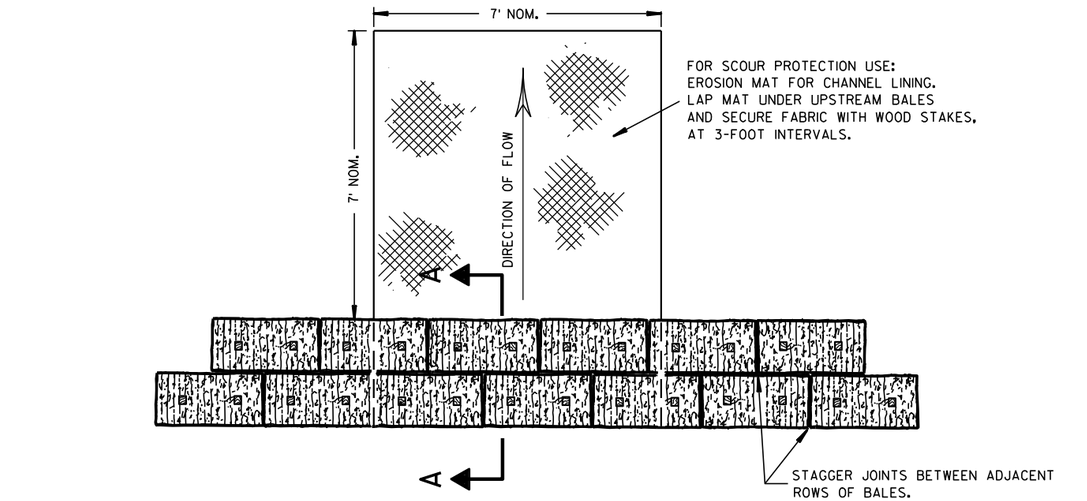
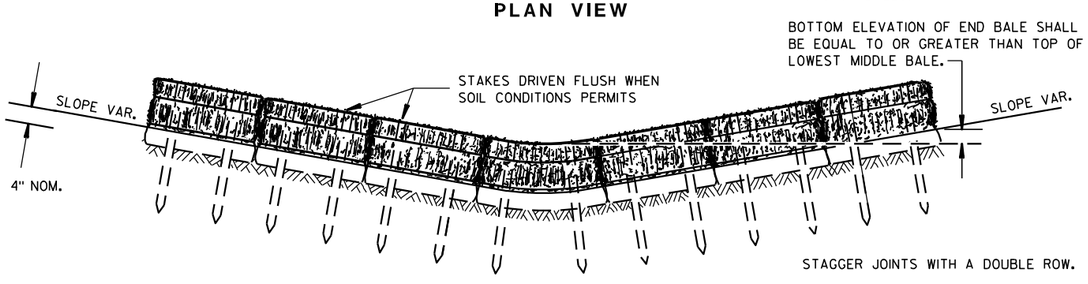
SDD 08D22 - 01



SECTION A-A



PLAN VIEW



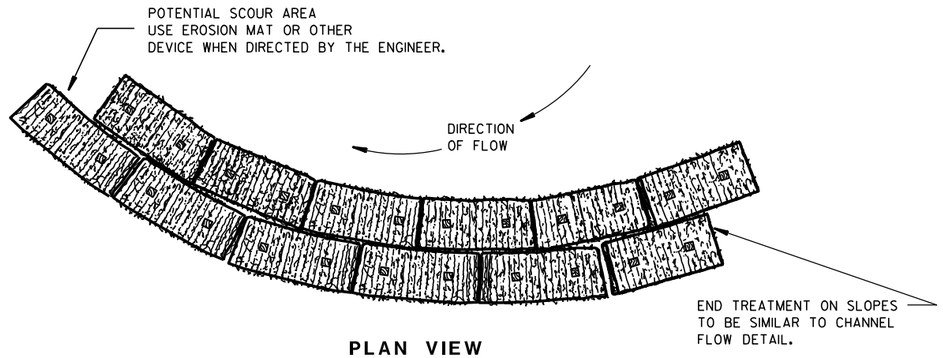
FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES (1)

GENERAL NOTES

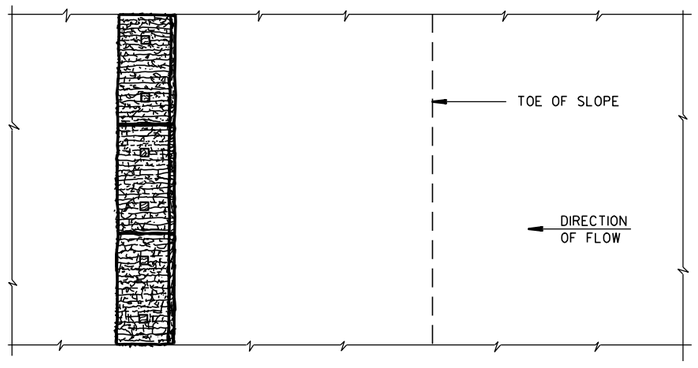
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

(1) TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.

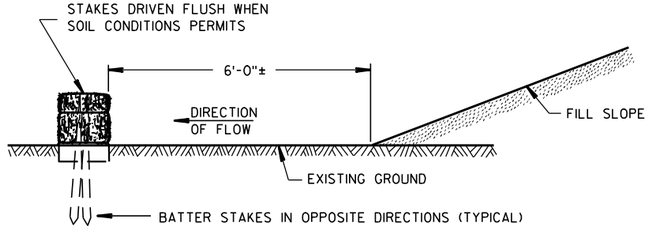


PLAN VIEW

WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02 — DATE

/S/ Beth Cannestra — CHIEF ROADWAY DEVELOPMENT ENGINEER

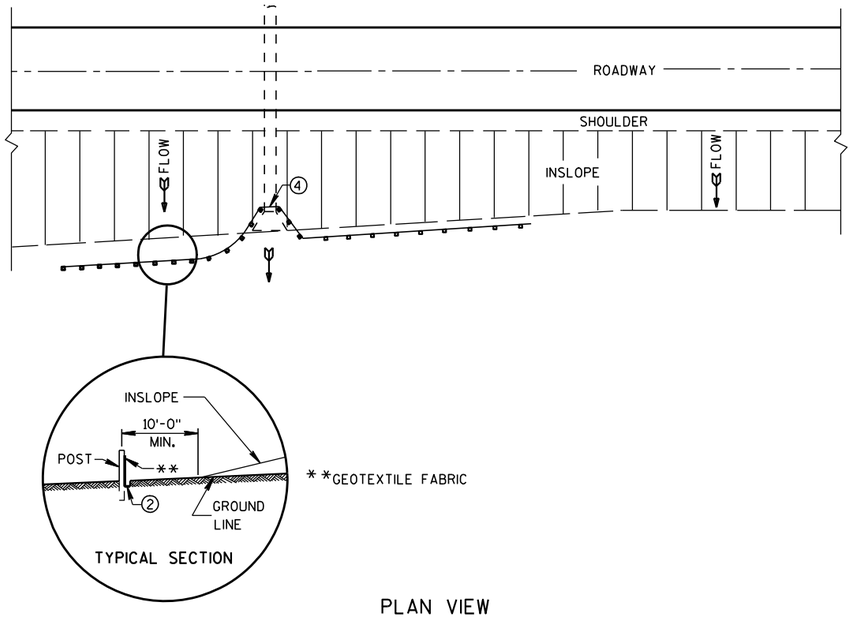
FHWA

6

S.D.D. 8 E 8-3

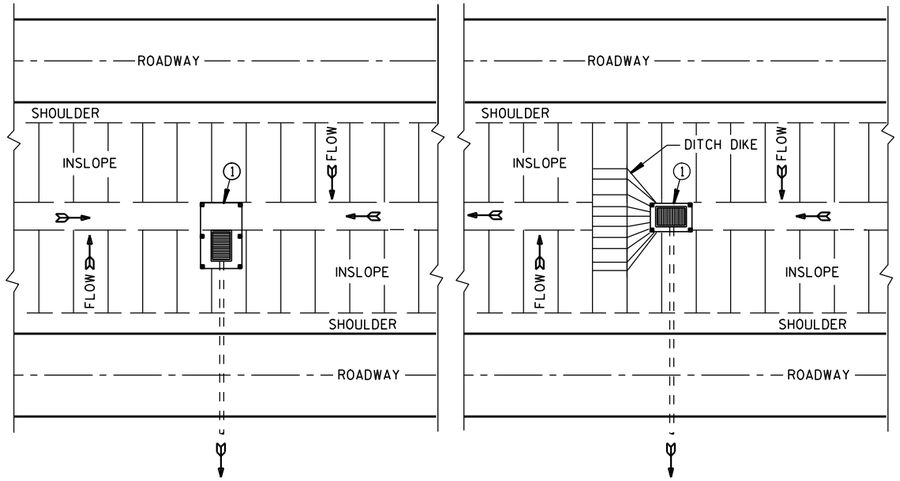
6

S.D.D. 8 E 8-3



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



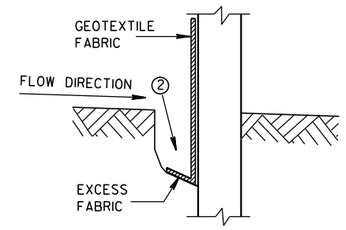
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

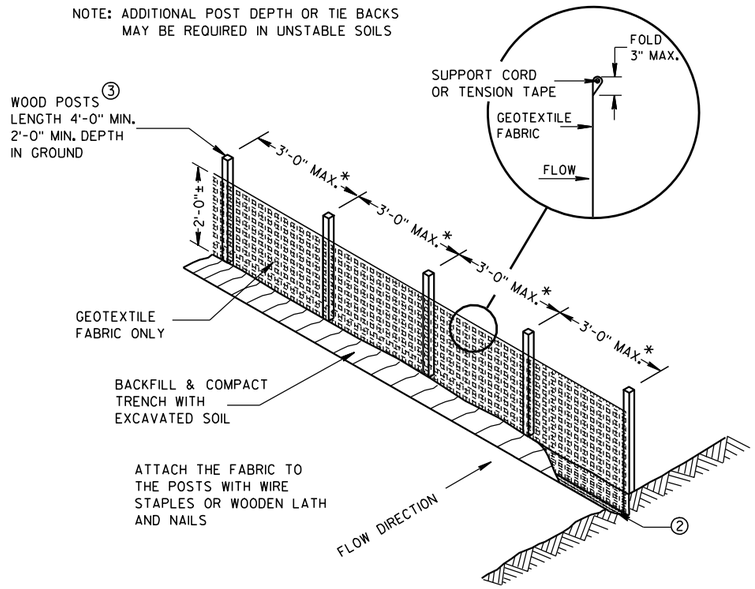
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

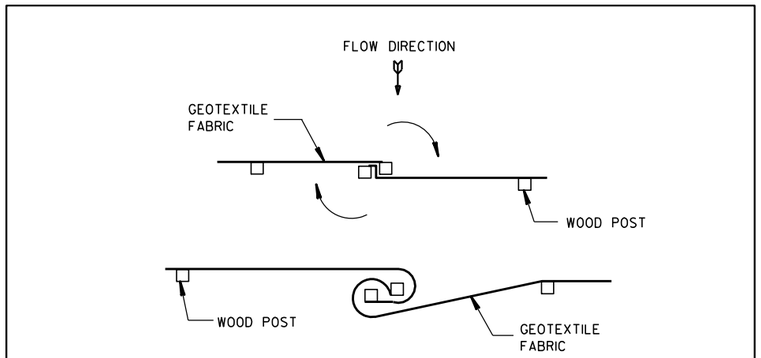
1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.



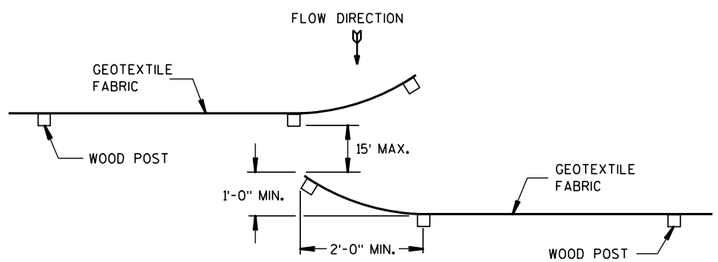
TRENCH DETAIL



SILT FENCE

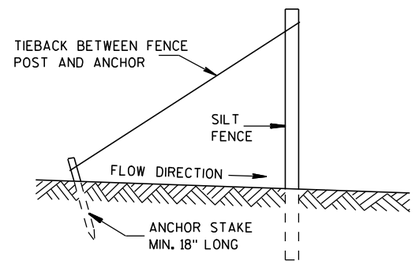


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

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S.D.D. 8 E 9-6

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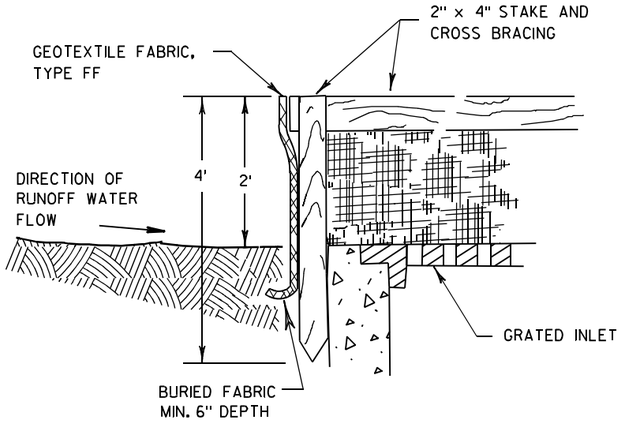
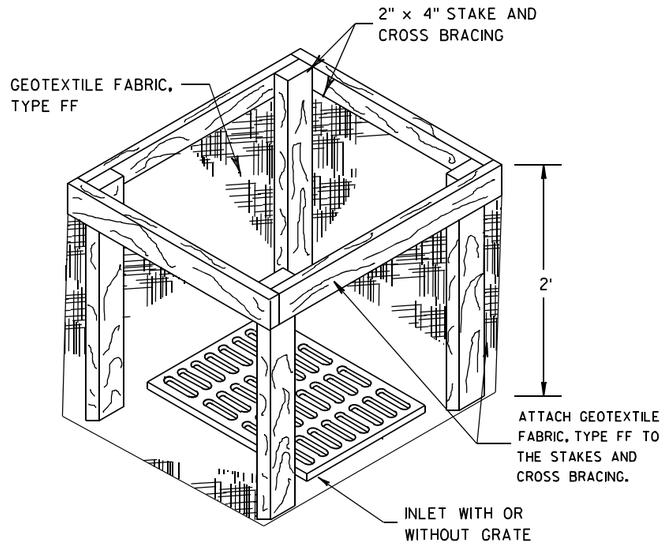
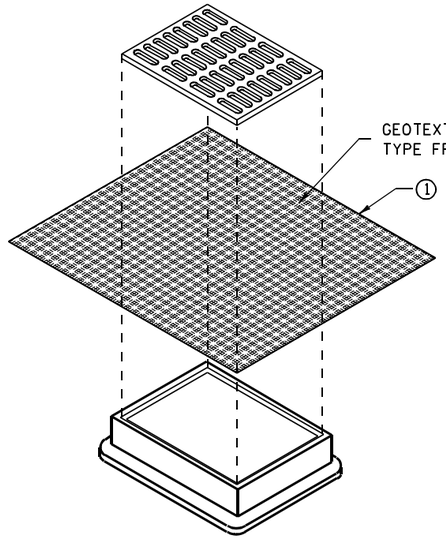
S.D.D. 8 E 9-6



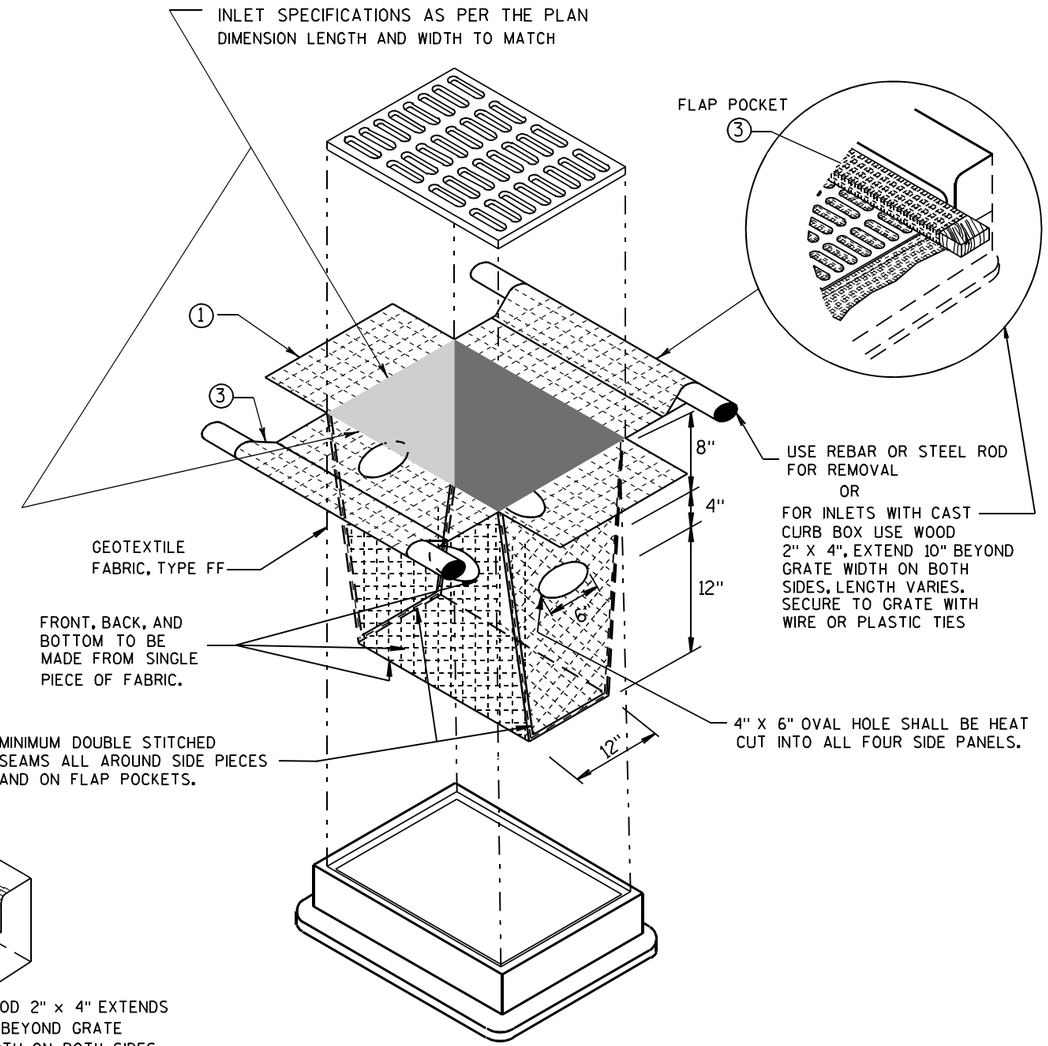


INLET PROTECTION, TYPE A



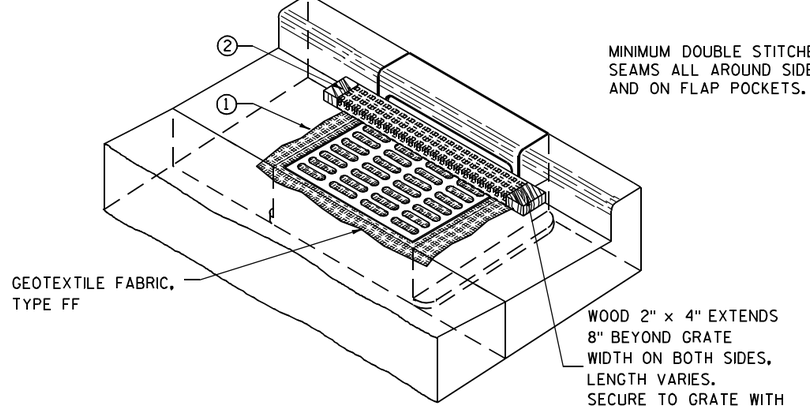
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

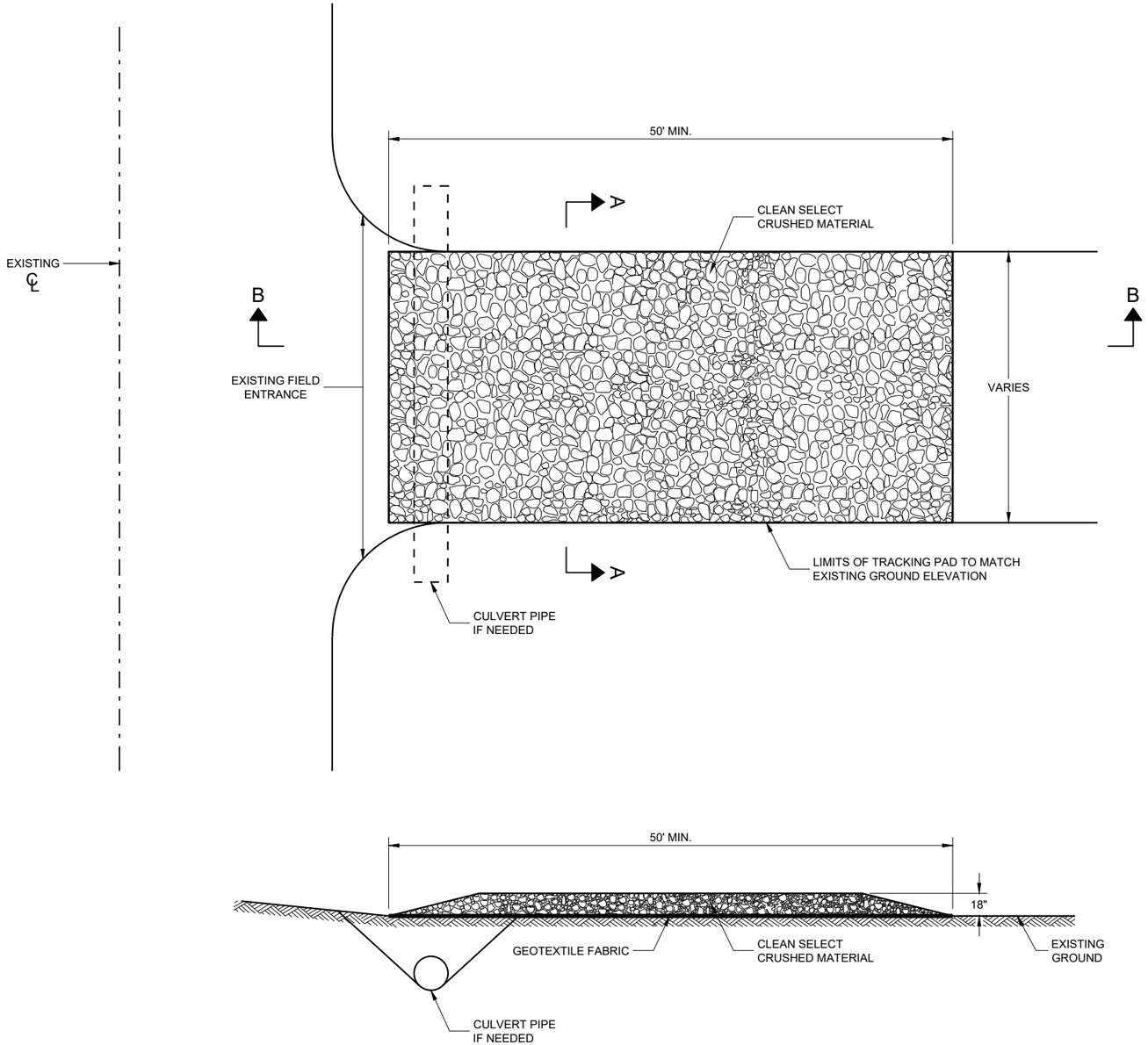
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6
S.D.D. 8 E 10-2



SECTION B - B

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.

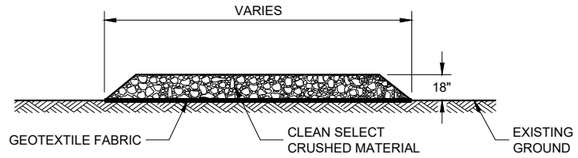
TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.

TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.

SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.

CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.

THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.



SECTION A - A

6

SDD 08E14 - 01

TRACKING PAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
3/24/2011
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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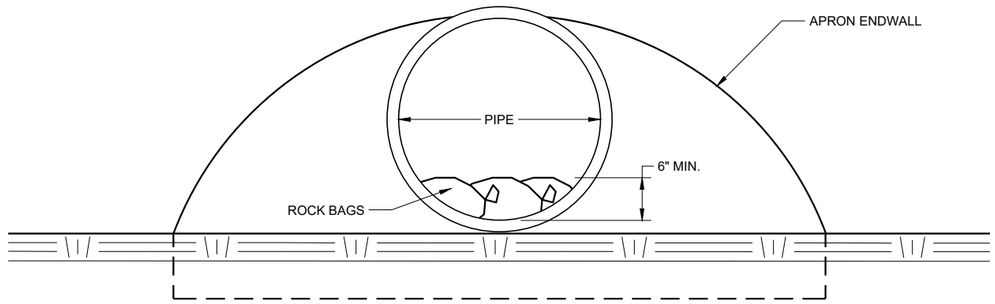
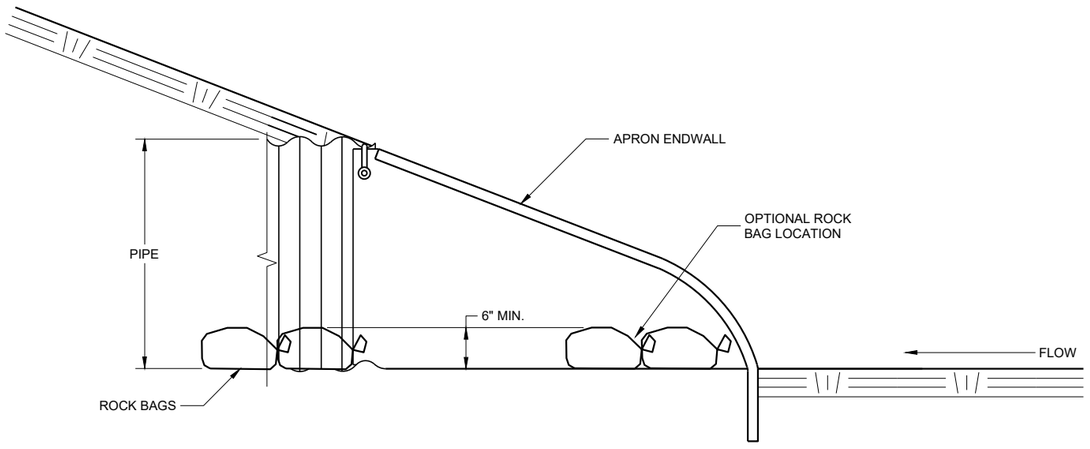
SDD 08E14 - 01



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Daniel Schave
EROSION CONTROL ENGI

FHWA

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SDD 08E15 - 01

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SDD 08E15 - 01

METAL APRON ENDWALLS

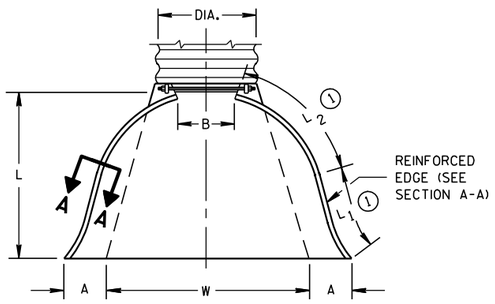
PIPE DIA. (IN.)	MIN. THICK. (Inches)		DIMENSIONS (Inches)							APPROX. SLOPE	BODY
	STEEL	ALUM.	A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")		
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

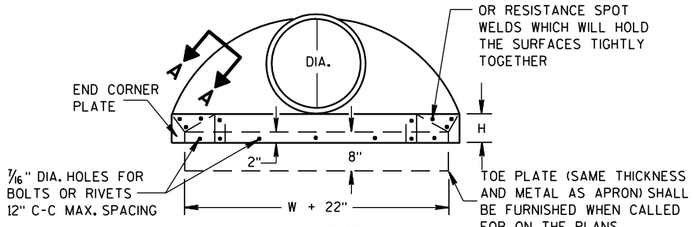
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches)							APPROX. SLOPE
	T	A	B	C	D	E	G	
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

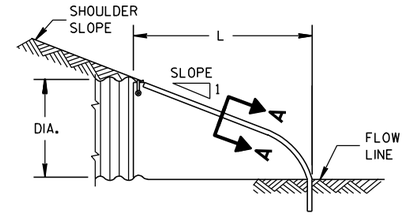
* MINIMUM
** MAXIMUM



PLAN VIEW

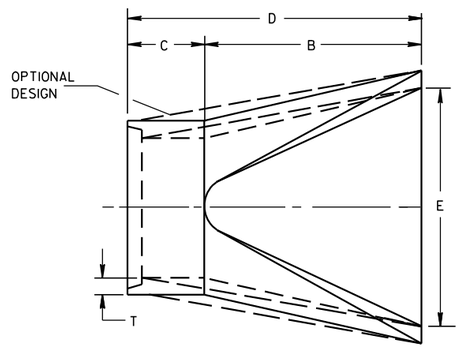


END VIEW

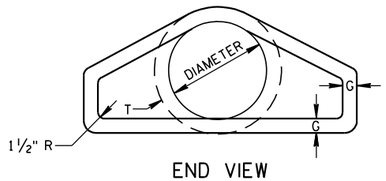


SIDE ELEVATION

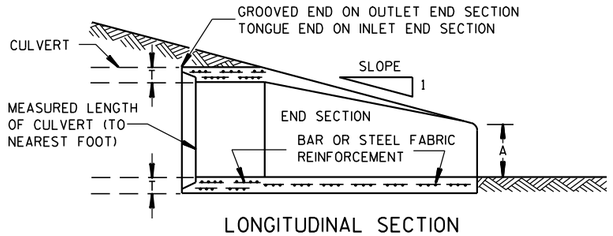
METAL ENDWALLS



PLAN

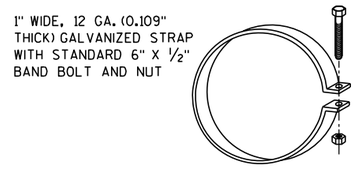


END VIEW



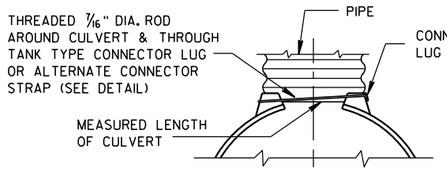
LONGITUDINAL SECTION

CONCRETE ENDWALLS

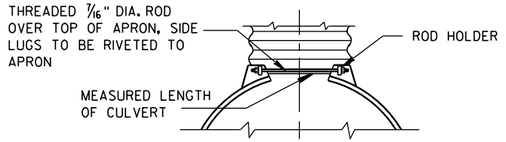


ALTERNATE FOR TYPE 1 CONNECTION

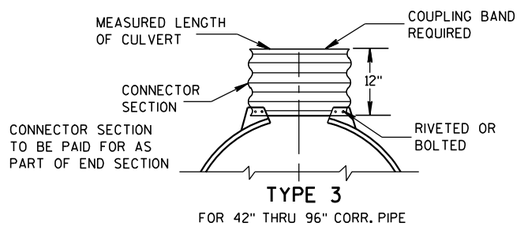
END SECTION CONNECTOR STRAP



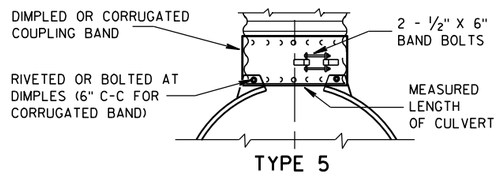
TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE



TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

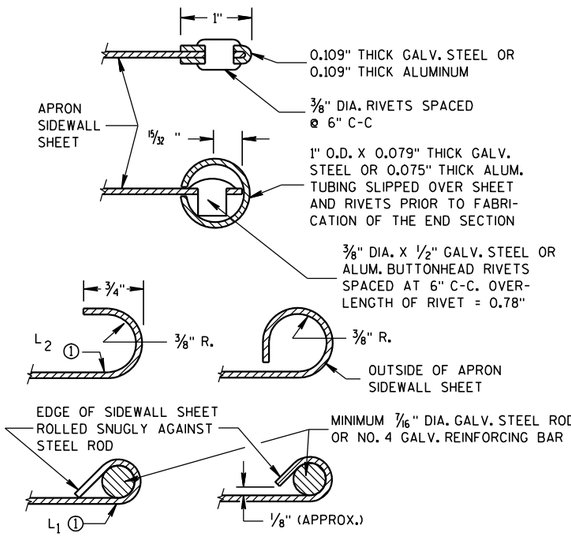
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

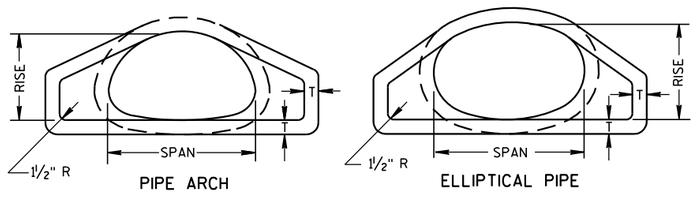
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE

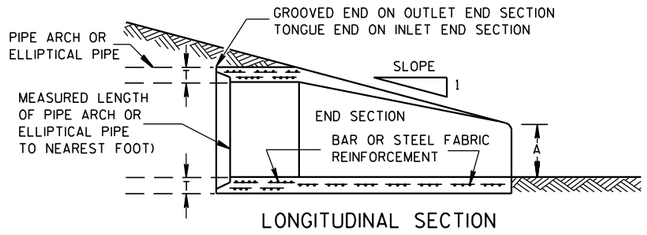
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

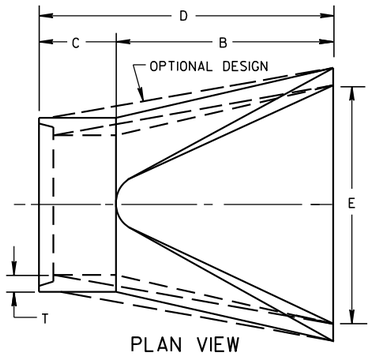
6
S.D.D. 8 F 1-11



END VIEW

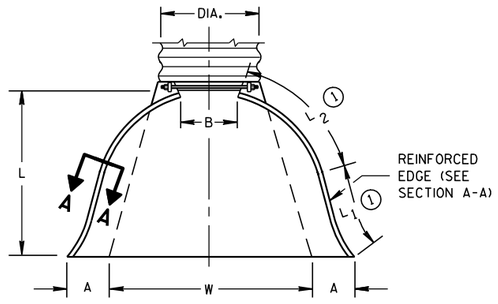


LONGITUDINAL SECTION

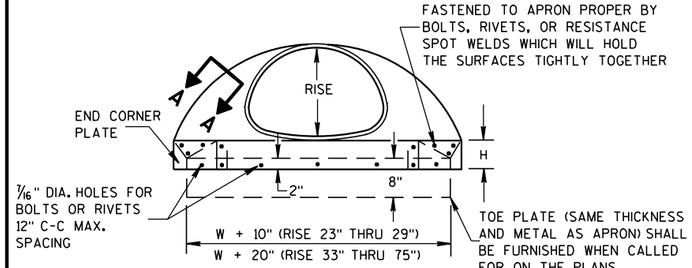


PLAN VIEW

CONCRETE ENDWALLS

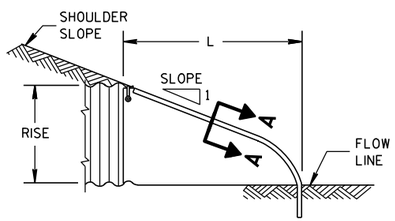


PLAN VIEW



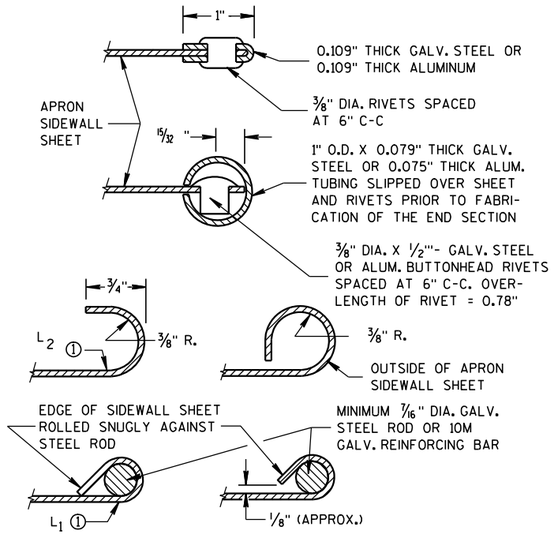
END CORNER PLATES MAY BE FASTENED TO APRON PROPER BY BOLTS, RIVETS, OR RESISTANCE SPOT WELDS WHICH WILL HOLD THE SURFACES TIGHTLY TOGETHER

END VIEW



SIDE ELEVATION

METAL ENDWALLS



SECTION A-A

2- 2/3" X 1/2" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
15	17	13	.064	.060	7	9	6	19	14	16	30	2½ to 1	1 Pc.
18	21	15	.064	.060	7	10	6	23	14	19⅜	36	2½ to 1	1 Pc.
21	24	18	.064	.060	8	12	6	28	18	21¾	42	2½ to 1	1 Pc.
24	28	20	.064	.060	9	14	6	32	18	27½	48	2½ to 1	1 Pc.
30	35	24	.079	.075	10	16	6	39	18	37⅝	60	2½ to 1	1 Pc.
36	42	29	.079	.075	12	18	8	46	24	45⅜	75	2½ to 1	1 Pc.
42	49	33	.109	.105	13	21	9	53	24	54¾	85	2½ to 1	2 Pc.
48	57	38	.109	.105	18	26	12	63	24	68	90	2½ to 1	3 Pc.
54	64	43	.109	.105	18	30	12	70	24	72¾	102	2¼ to 1	3 Pc.
60	71	47	.109*	.105*	18	33	12	77	30	82¼	114	2¼ to 1	3 Pc.
66	77	52	.109*	.105*	18	36	12	77	—	—	126	2 to 1	3 Pc.
72	83	57	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.

3" X 1" CORRUGATIONS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
48	53	41	.109	.105	18	26	12	63	24	72¾	90	2½ to 1	2 Pc.
54	60	46	.109	.105	18	30	12	70	30	82¼	102	2 to 1	2 Pc.
60	66	51	.109*	.105*	18	33	12	77	—	—	114	1½ to 1	3 Pc.
66	73	55	.109*	.105*	18	36	12	77	—	—	126	1½ to 1	3 Pc.
72	81	59	.109*	.105*	18	39	12	77	—	—	138	2 to 1	3 Pc.
78	87	63	.109*	.105*	22	38	12	77	—	—	148	1½ to 1	3 Pc.
84	95	67	.109*	.105*	22	34	12	77	—	—	162	1½ to 1	3 Pc.
90	103	71	.109*	.105*	22	38	12	77	—	—	174	1½ to 1	3 Pc.
96	112	75	.109*	.105*	24	40	12	77	—	—	174	1½ to 1	3 Pc.

NOTE: ALL SPLICES TO BE LAP RIVETED OR BOLTED.

* EXCEPT CENTER PANEL SEE GENERAL NOTES

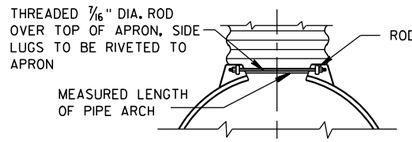
REINFORCED CONCRETE PIPE ARCH

EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	29	18	3	8½	39	33	72	48	3 to 1
30	36	22	3½	9½	50	46	96	60	3 to 1
36	44	27	4	11⅛	60	36	96	72	3 to 1
42	51	31	4½	15 13/16	60	36	96	78	3 to 1
48	58	36	5	21	60	36	96	84	3 to 1
54	65	40	5½	25½	60	36	96	90	3 to 1
60	73	45	6	31	60	36	96	96	3 to 1
72	88	54	7	31	60	39	99	120	2 to 1
84	102	62	8	28½	83	19	102	144	2 to 1

REINFORCED CONCRETE ELLIPTICAL PIPE

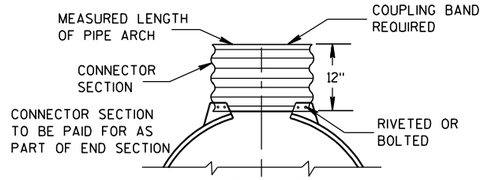
EQUIV. DIA. (Inches)	DIMENSIONS (Inches) ** SPAN	** RISE	T	A	B	C	D	E	APPROX. SLOPE
24	30	19	3¼	8½	39	33	72	48	3 to 1
30	38	24	3¾	9½	54	18	72	60	3 to 1
36	45	29	4½	11⅛	60	24	84	72	2½ to 1
42	53	34	5	15¾	60	36	96	78	2½ to 1
48	60	38	5½	21	60	36	96	84	2½ to 1
54	68	43	6	25½	60	36	96	90	2½ to 1
60	76	48	6½	30	60	36	96	96	2½ to 1

**NOMINAL SIZE



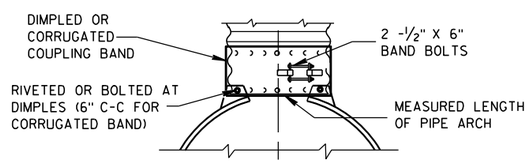
TYPE 2

FOR 17" X 13" THRU 112" X 75" PIPE ARCH



TYPE 3

FOR 64" X 43" THRU 112" X 75" PIPE ARCH



TYPE 5

ALTERNATE FOR:

ALL SIZES CORRUGATED PIPE ARCHES

NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL, AND CORRUGATED BAND FITS INSIDE ENDWALL.

CONNECTION DETAILS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

CONCRETE APRON ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM APRON ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

ALL THREE PIECE STEEL APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL THREE PIECE ALUMINUM APRON ENDWALLS FOR 66" X 51" PIPE ARCH AND LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT OF THE PIPE ARCH PERIMETER.

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 77" X 52" THROUGH 112" X 75" APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

① FOR PIPE ARCH SIZES UP TO 73" X 55" A 180° ROLLED EDGE MAY BE USED INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/30/94 — DATE

/S/ Rory L. Rhinesmith — CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

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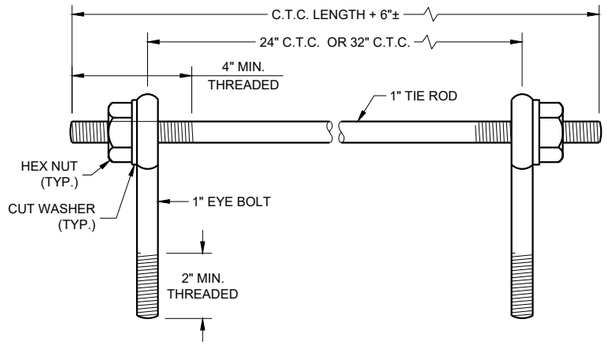
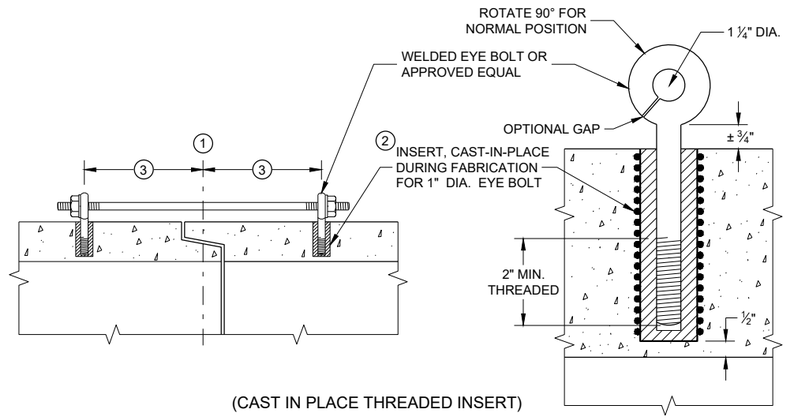
S.D.D. 8 F 2-1



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

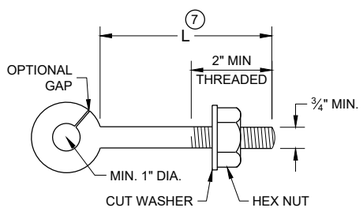
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

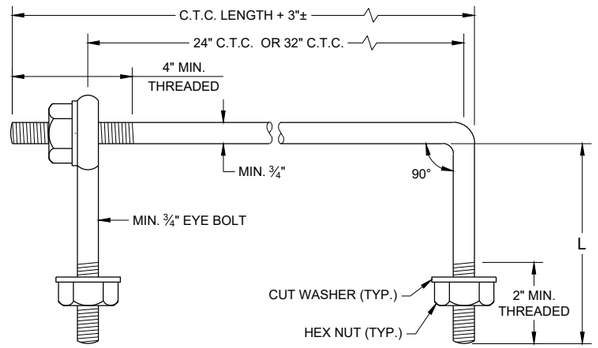
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

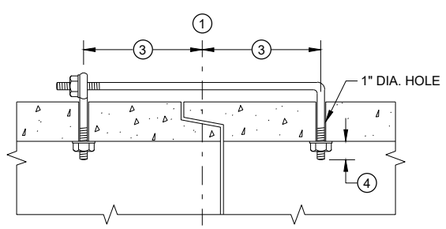


EYE BOLT (7)

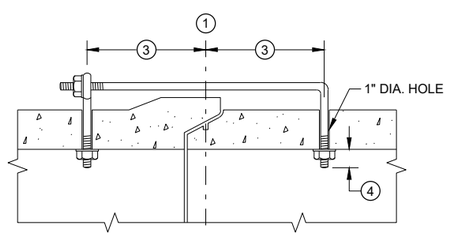
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

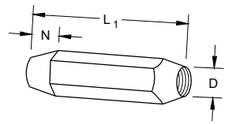
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



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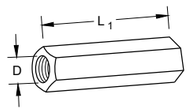
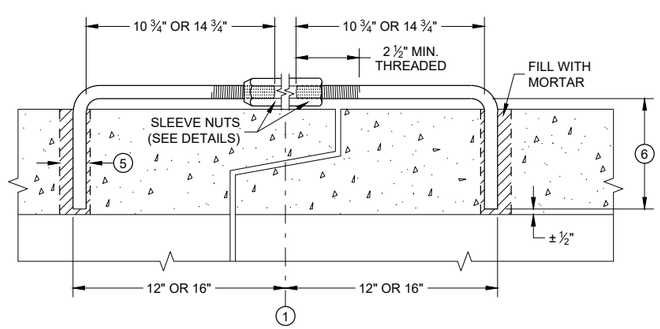


PLAIN

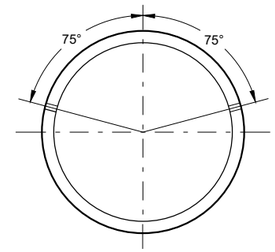
RIGHT AND LEFT THREADS

SLEEVE NUTS



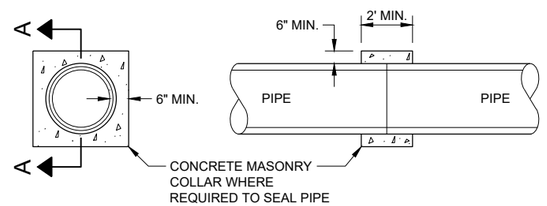
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

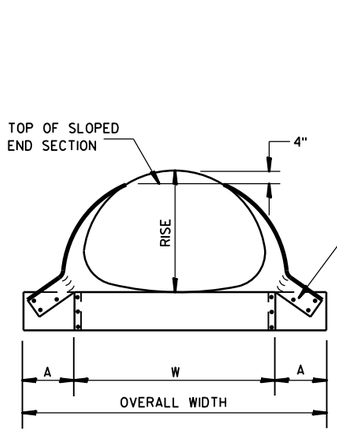
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

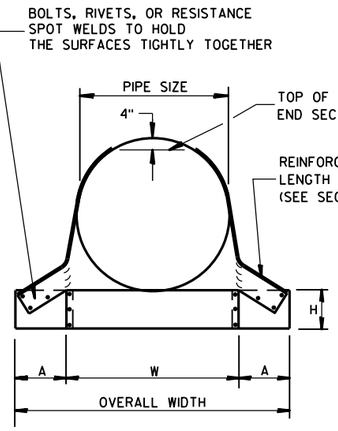
APPROVED
November 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER
FHWA

SDD 08F04 - 08

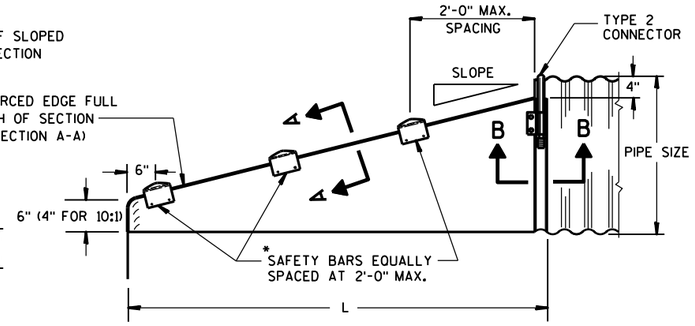
SDD 08F04 - 08



FRONT VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES

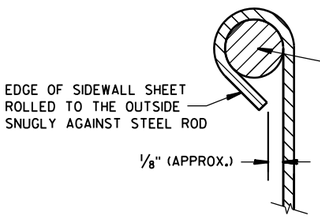
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

SLOPED END SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS, SECTION 521 FOR STEEL APRON ENDWALLS.

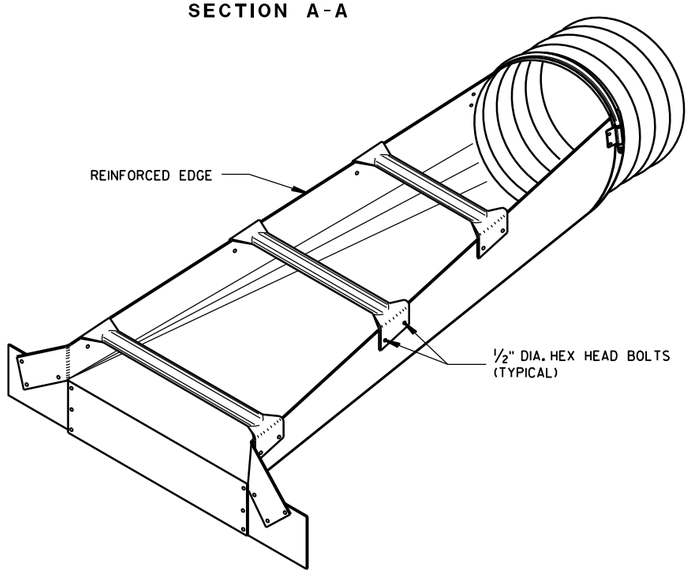
SAFETY BARS SHALL BE FABRICATED FROM GALVANIZED STEEL PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL.

STEEL APRON ENDWALLS FOR CULVERT PIPE
SLOPED SIDE DRAINS

PIPE DIA. (IN.)	MIN. THICK. (Inches)	DIMENSIONS (Inches)				L DIMENSIONS					
		A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	.064	8	6	21	37	4:1	20	6:1	30	10:1	70
18	.064	8	6	24	40	4:1	32	6:1	48	10:1	100
21	.064	8	6	27	43	4:1	44	6:1	66	10:1	130
24	.064	8	6	30	46	4:1	56	6:1	84	10:1	160
30	.109	12	9	36	60	4:1	80	6:1	120	10:1	220
36	.109	12	9	42	66	4:1	104	6:1	156	10:1	280
42	.109	16	12	48	80	4:1	128	6:1	192	——	——
48	.109	16	12	54	86	4:1	152	6:1	228	——	——
54	.109	16	12	60	92	4:1	176	6:1	264	——	——
60	.109	16	12	66	98	4:1	200	6:1	300	——	——



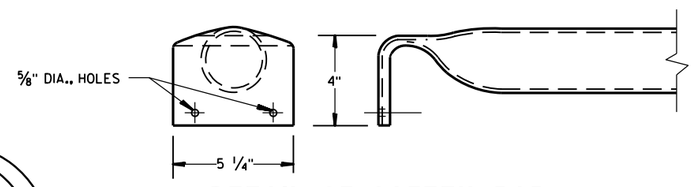
SECTION A-A



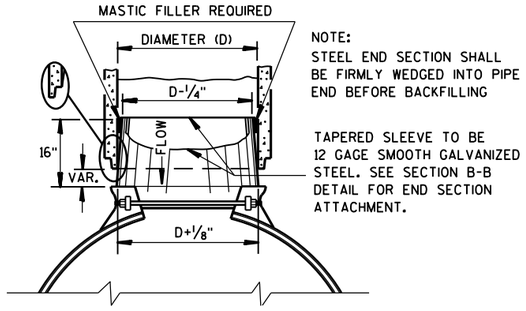
ISOMETRIC VIEW

*NOTE:
THREE SAFETY BARS ARE SHOWN. ACTUAL NUMBER OF BARS REQUIRED AT A 2'-0" C-C MAX. SPACING WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

3" GALVANIZED PIPE. FLATTEN ENDS, THEN BEND OUTSIDE 4" TO MATCH END SECTION SIDES.



DETAIL OF SAFETY BAR

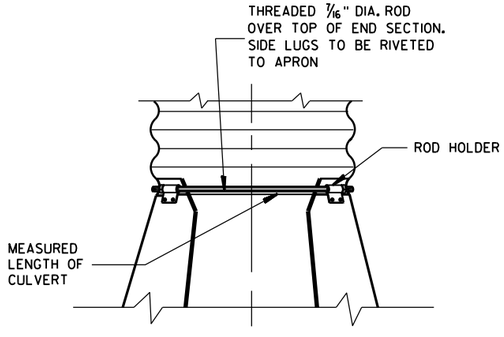


STEEL ADAPTER SLEEVE FOR CONCRETE PIPE

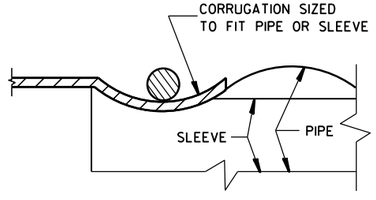
STEEL APRON ENDWALLS FOR PIPE ARCH
SLOPED SIDE DRAINS

EQUIV. DIA. (Inches)	(Inches) SPAN	(Inches) RISE	MIN. THICK. (Inches) ①	DIMENSIONS (Inches) A	H	W	OVERALL WIDTH	L DIMENSIONS SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
15	17	13	.064 *	7	6	30	44	4:1	19	6:1	30	10:1 ②	70
18	21	15	.064 *	8	6	27	43	4:1	20	6:1	30	10:1	70
21	24	18	.064 *	8	6	30	46	4:1	32	6:1	48	10:1	100
24	28	20	.064 *	8	6	34	50	4:1	40	6:1	60	10:1	120
30	35	24	.079 *	12	9	41	65	4:1	56	6:1	84	10:1	160
36	42	29	.109 *	12	9	48	72	4:1	76	6:1	114	10:1	210
42	49	33	.109	16	12	55	87	4:1	92	6:1	138	——	——
48	57	38	.109	16	12	63	95	4:1	112	6:1	168	——	——
54	64	43	.109	16	12	70	102	4:1	132	6:1	198	——	——

① * MINIMUM THICKNESS OF ALL 10:1 SLOPED SIDE DRAINS IS 0.109".
② ACTUAL SLOPE GREATER THAN 10:1.



TYPE 2
CONNECTION DETAIL



SECTION B-B

STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED SIDE DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

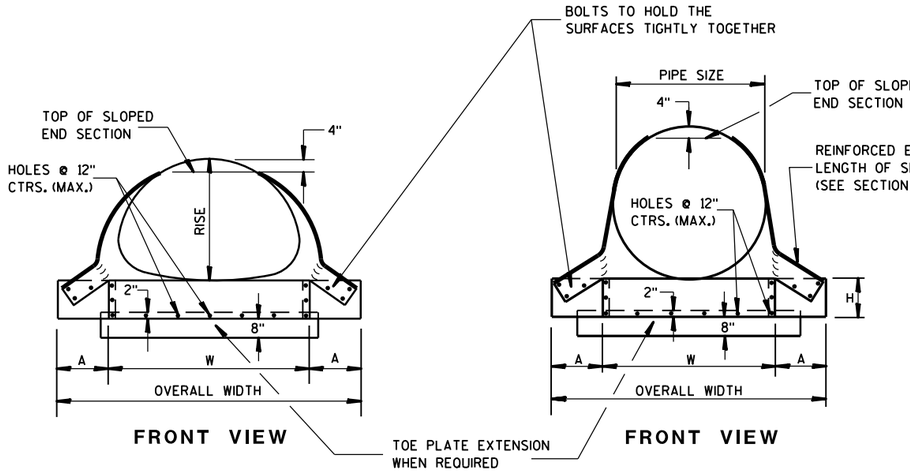
APPROVED
9/14/2012 — DATE
/S/ Jerry H. Zoda — ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

6

S.D.D. 8 F 7-5

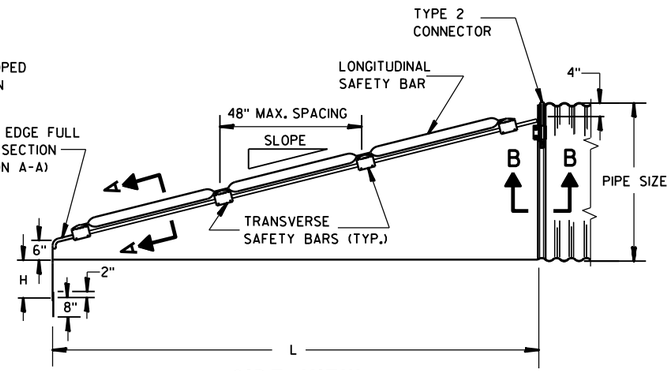
6

S.D.D. 8 F 7-5



FRONT VIEW

FRONT VIEW



SIDE VIEW
(48" SIZE ILLUSTRATED)

GENERAL NOTES

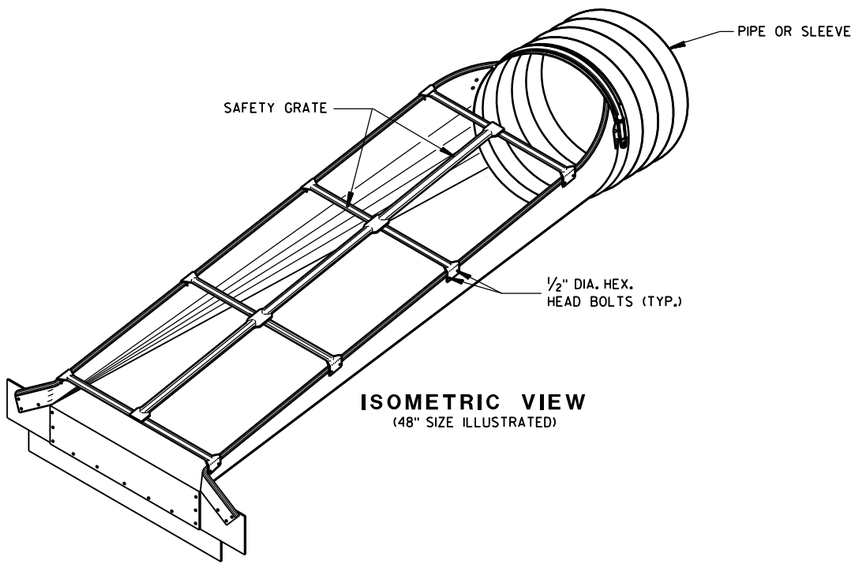
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

SAFETY GRATES SHALL BE FABRICATED FROM 3-INCH DIAMETER GALVANIZED PIPE MEETING THE REQUIREMENTS OF ASTM A-53, GRADE B, SCHEDULE 40 OR APPROVED EQUAL. THE LONGITUDINAL BAR SHALL BE WELDED TO THE TRANSVERSE BARS WHERE THE BARS CROSS. THE NUMBER OF TRANSVERSE BARS REQUIRED WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION.

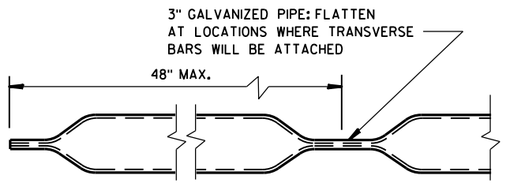
SLOPED STEEL ENDWALLS LOCATED AT THE ENDS OF CONCRETE CULVERT PIPE SHALL BE FURNISHED WITH STEEL ADAPTER SLEEVES.

STEEL APRON ENDWALLS FOR CULVERT PIPE CROSS DRAINS

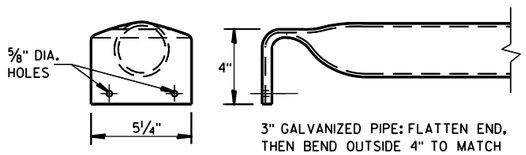
PIPE DIA. (IN.)	MIN. THICK.		DIMENSIONS (Inches)				L DIMENSIONS			
	IN.	GAGE	A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
36	.109	12	12	9	42	66	4:1	104	6:1	156
42	.109	12	16	12	48	80	4:1	128	6:1	192
48	.109	12	16	12	54	86	4:1	152	6:1	228
54	.109	12	16	12	60	92	4:1	176	6:1	264
60	.109	12	16	12	66	98	4:1	200	6:1	300



ISOMETRIC VIEW
(48" SIZE ILLUSTRATED)



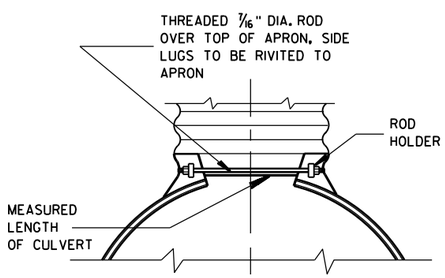
LONGITUDINAL SAFETY BAR



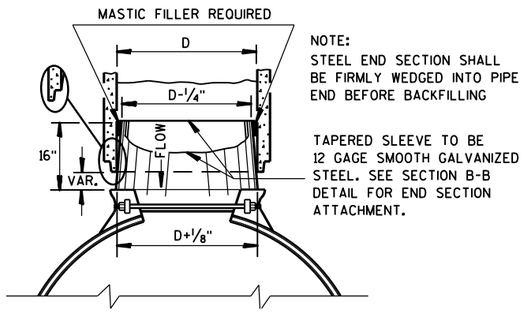
TRANSVERSE SAFETY BAR

STEEL APRON ENDWALLS FOR PIPE ARCH SLOPED CROSS DRAINS

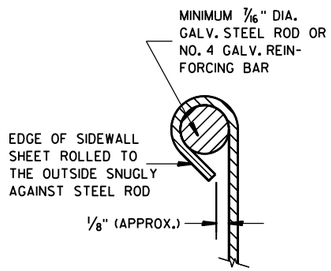
EQUIV. DIA. (IN.)	INCHES		MIN. THICK.		DIMENSIONS (Inches)				L DIMENSIONS			
	SPAN	RISE	IN.	GAGE	A	H	W	OVERALL WIDTH	SLOPE	LENGTH INCHES	SLOPE	LENGTH INCHES
30	35	24	.079	14	12	9	41	65	4:1	56	6:1	84
36	42	29	.109	12	12	9	48	72	4:1	76	6:1	114
42	49	33	.109	12	16	12	55	87	4:1	92	6:1	138
48	57	38	.109	12	16	12	63	95	4:1	112	6:1	168
54	64	43	.109	12	16	12	70	102	4:1	132	6:1	198
60	71	47	.109	12	16	12	77	109	4:1	148	6:1	222



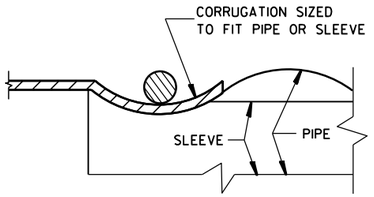
TYPE 2 CONNECTOR DETAIL



STEEL ADAPTER SLEEVE FOR CONCRETE PIPE



SECTION A-A



SECTION B-B

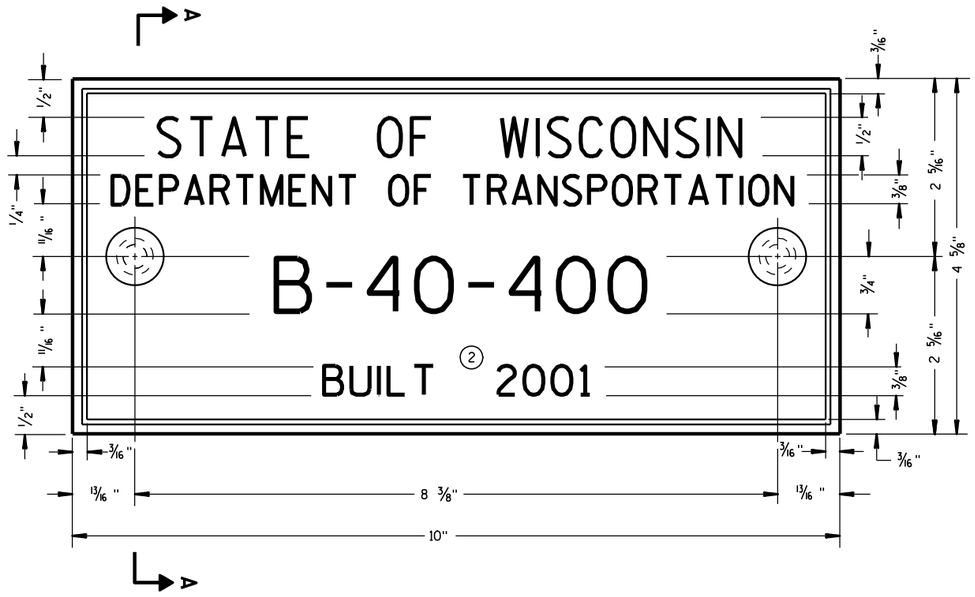
STEEL APRON ENDWALLS FOR CULVERT PIPE AND PIPE ARCH SLOPED CROSS DRAINS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/5/2012 DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS ENGINEER
FHWA

6

S.D.D. 8 F 8-2



TYPICAL NAME PLATE
(BRIDGES, CULVERTS, AND RETAINING WALLS)

FOR MULTI-UNIT STRUCTURES
LINE 3 ABOVE SHALL READ

B = BRIDGE
C = CULVERT
R = RETAINING WALL

COUNTY NO.

BRIDGE NO.

UNIT NO. FOR MULTIPLE UNIT BRIDGE

B-40-400-1A

NUMBERING DESIGNATION
MULTI-UNIT STRUCTURES

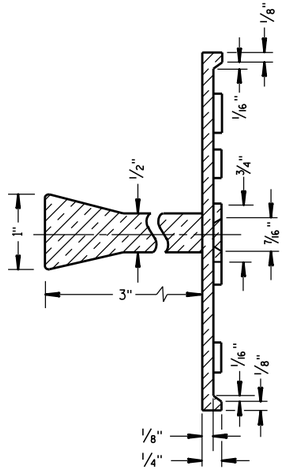
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

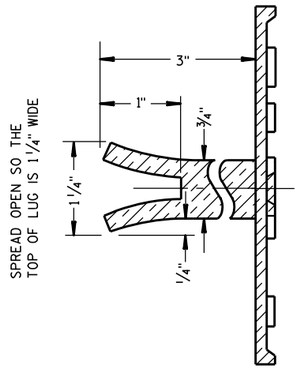
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

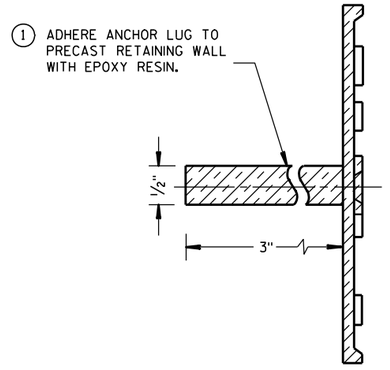
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



ALTERNATE LUG
(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

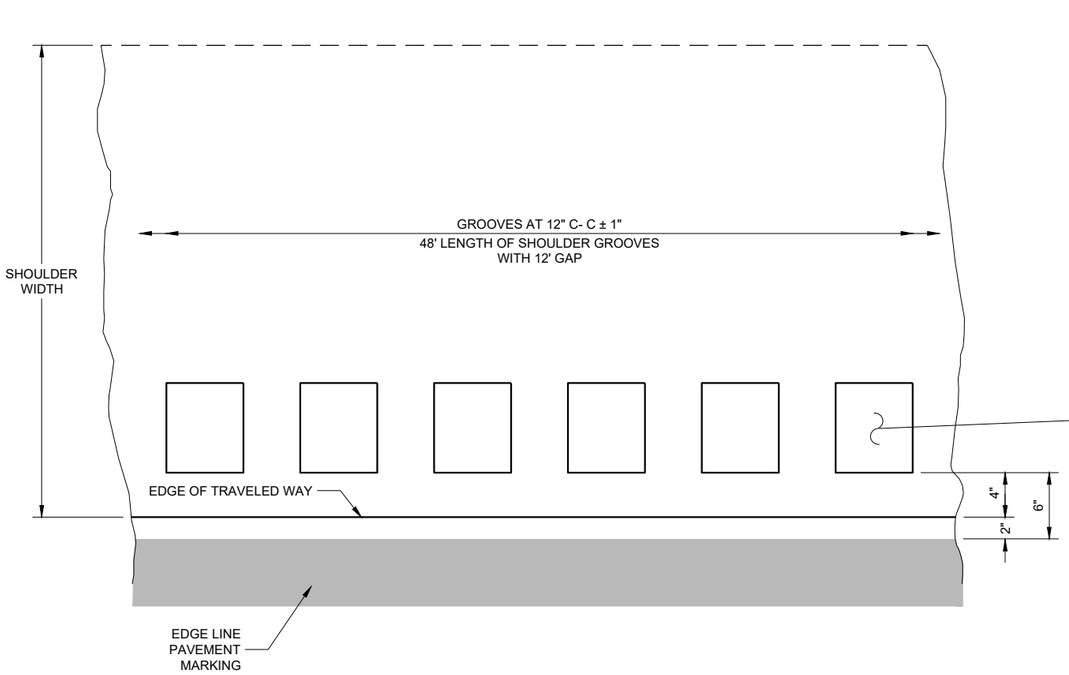
3/26/10 DATE

/S/ Scot Beck CHIEF STRUCTURAL DEVELOPMENT ENGINEER

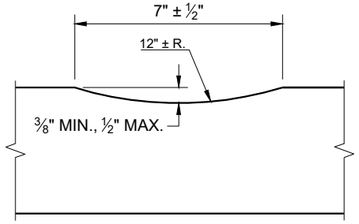
FHWA

6

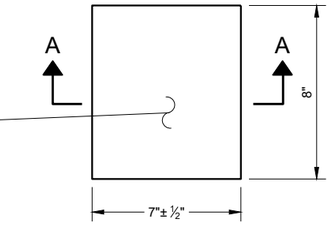
S.D.D. 12 A 3-10



PLAN DETAIL VIEW
SHOULDER WITH GROOVES



SECTION A - A

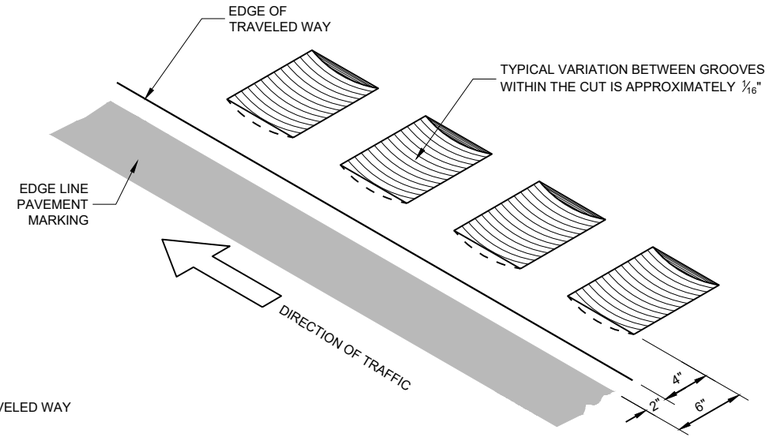


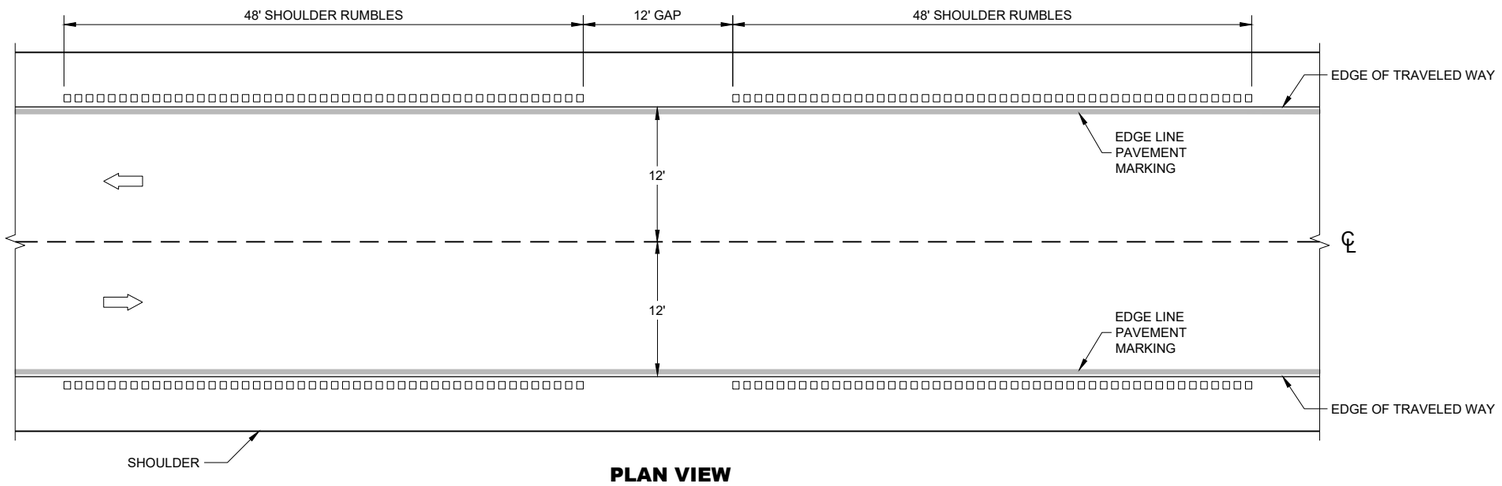
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A10 SHEETS "g" AND "h".

SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.





PLAN VIEW

SHOULDER RUMBLE STRIPS - ASPHALT

6

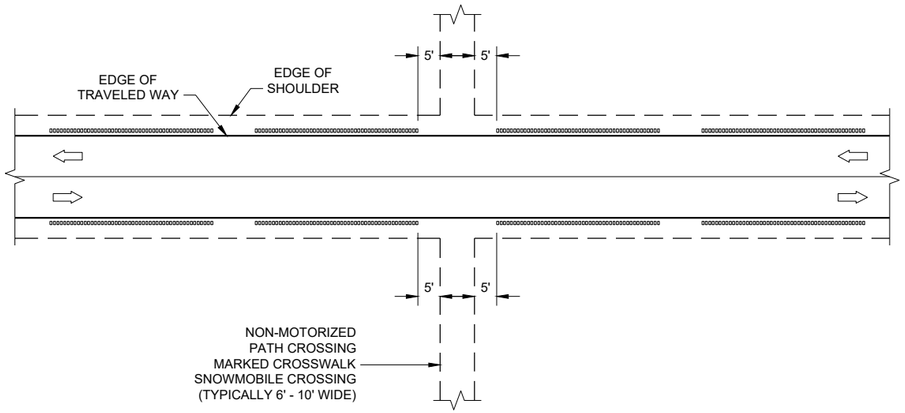
SDD 13A10 - 03a

SHOULDER RUMBLE STRIPS ASPHALT

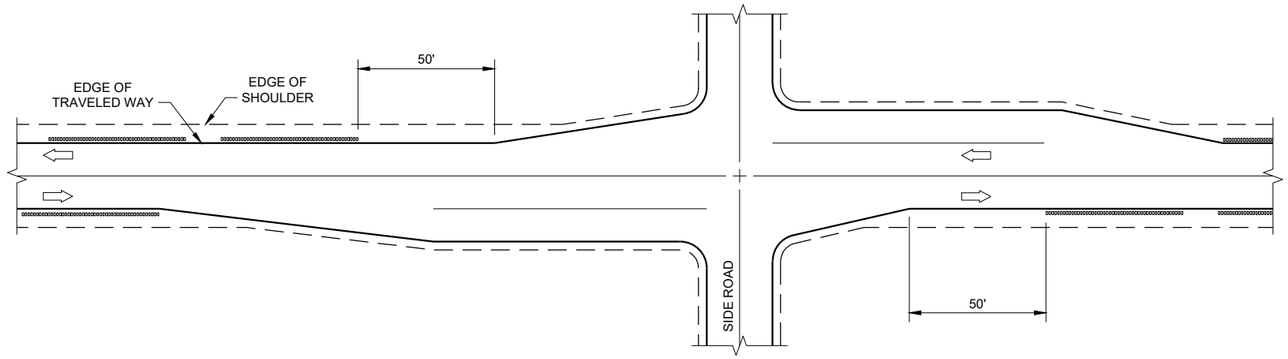
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

6

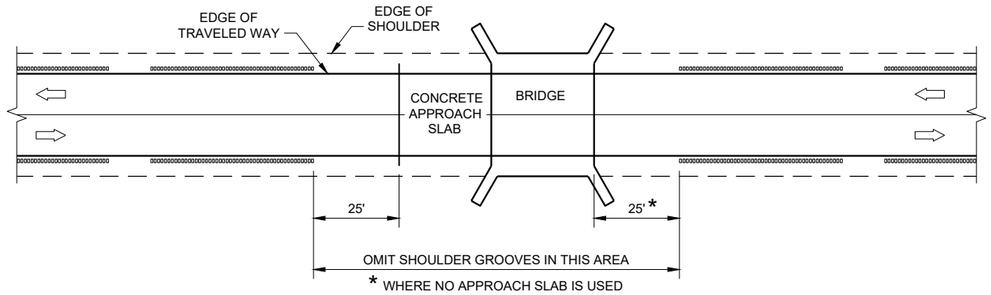
SDD 13A10 - 03a



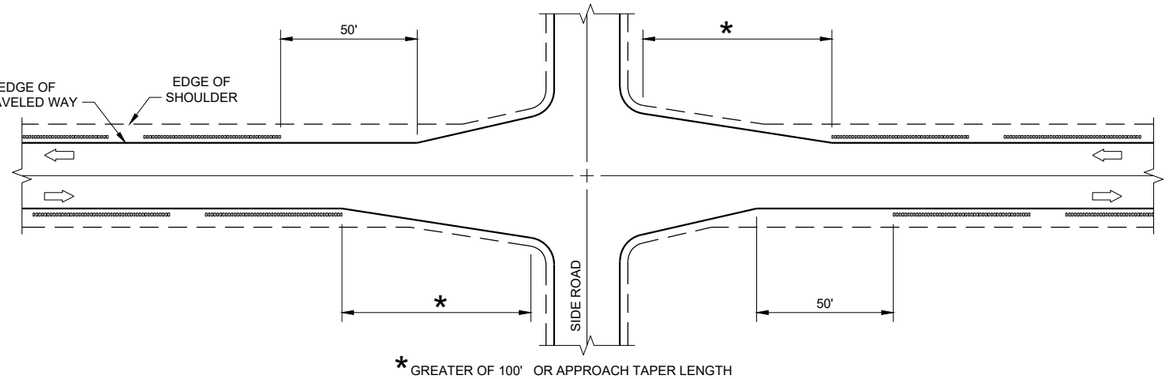
GROOVES AT MISCELLANEOUS CROSSINGS



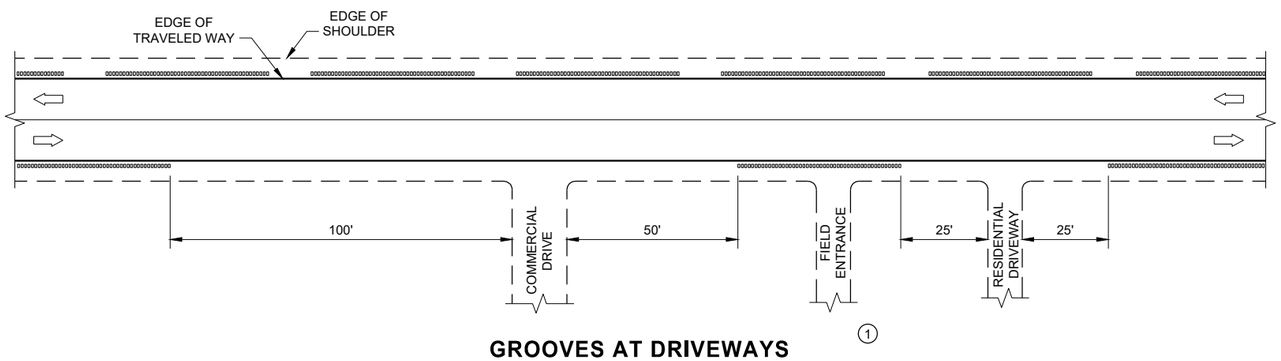
GROOVES AT RIGHT TURN LANE



GROOVES AT BRIDGES



GROOVES AT INTERSECTIONS WITH APPROACH TAPER



GROOVES AT DRIVEWAYS ①

GENERAL NOTES

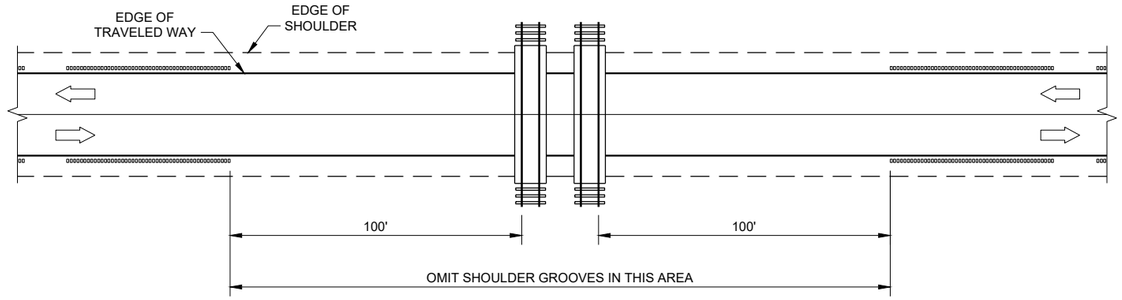
① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

SHOULDER AND EDGE LINE RUMBLE STRIPS CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS

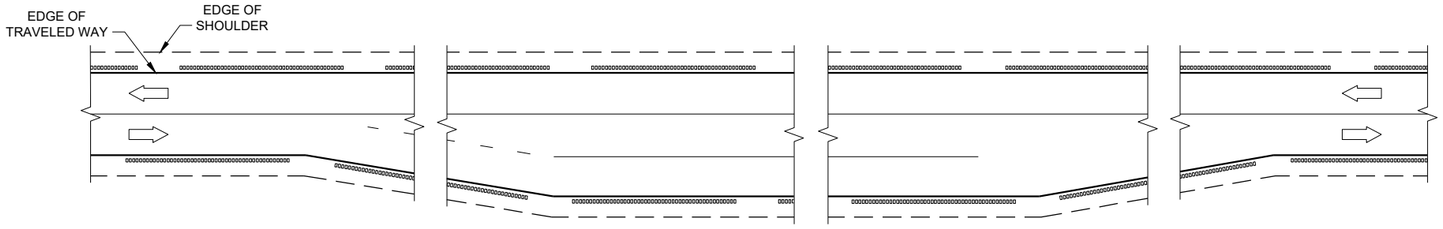
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

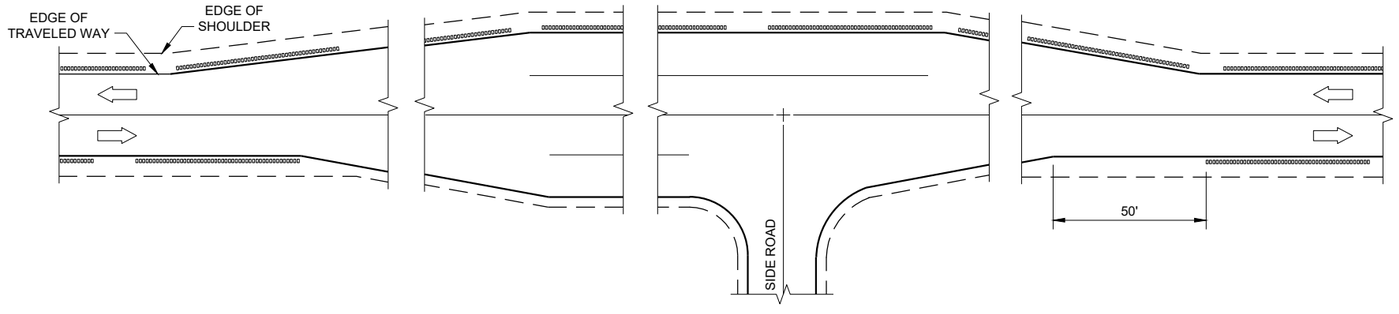
SDD 13A10 - 03g



GROOVES AT RAILROADS



GROOVES AT PASSING AND CLIMBING LANES



GROOVES AT BYPASS LANES

6

SDD 13A10 - 03h

6

SDD13A10 - 03h

SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

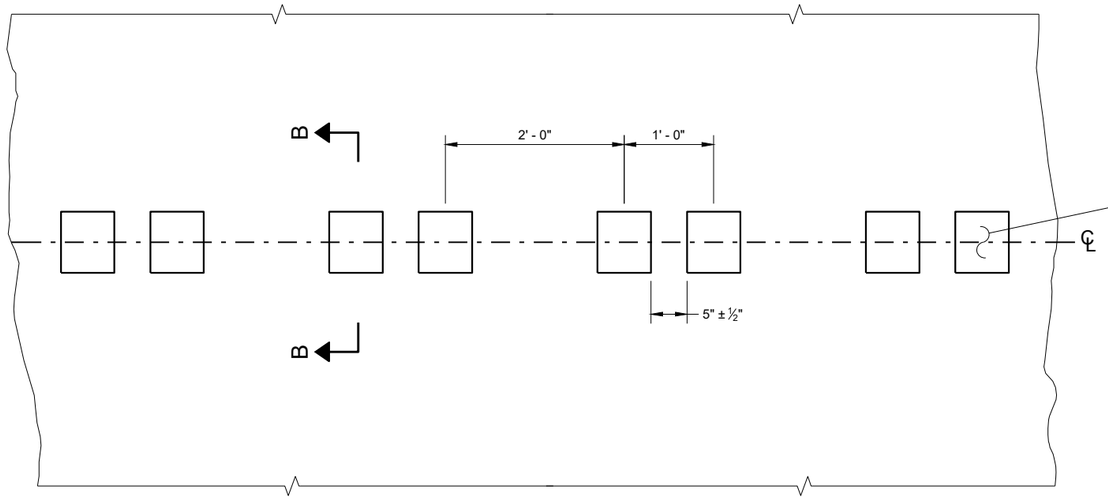
/S/ John Jenkins
ROADWAY STANDARDS DEVE ENGINEER

FHWA

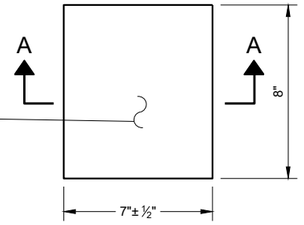
GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A11 SHEETS "d" AND "e".

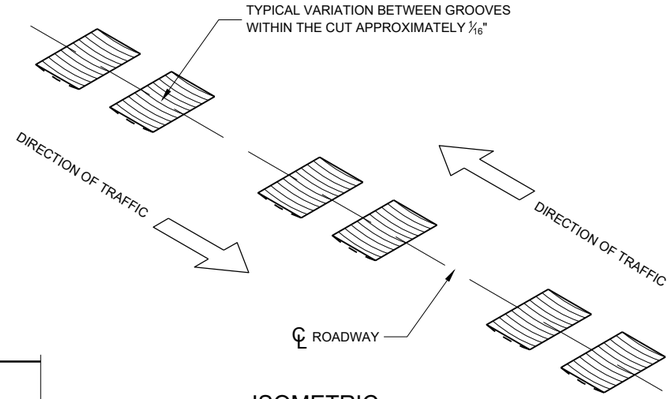
CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



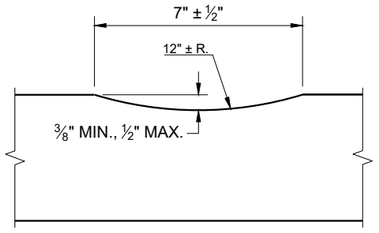
PLAN DETAIL VIEW



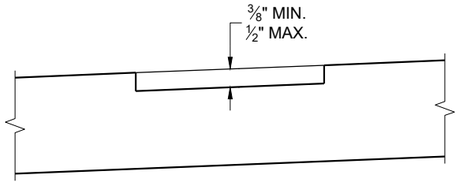
PLAN VIEW
(SINGLE GROOVE)



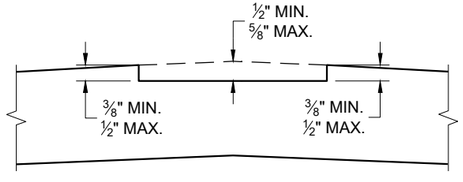
ISOMETRIC



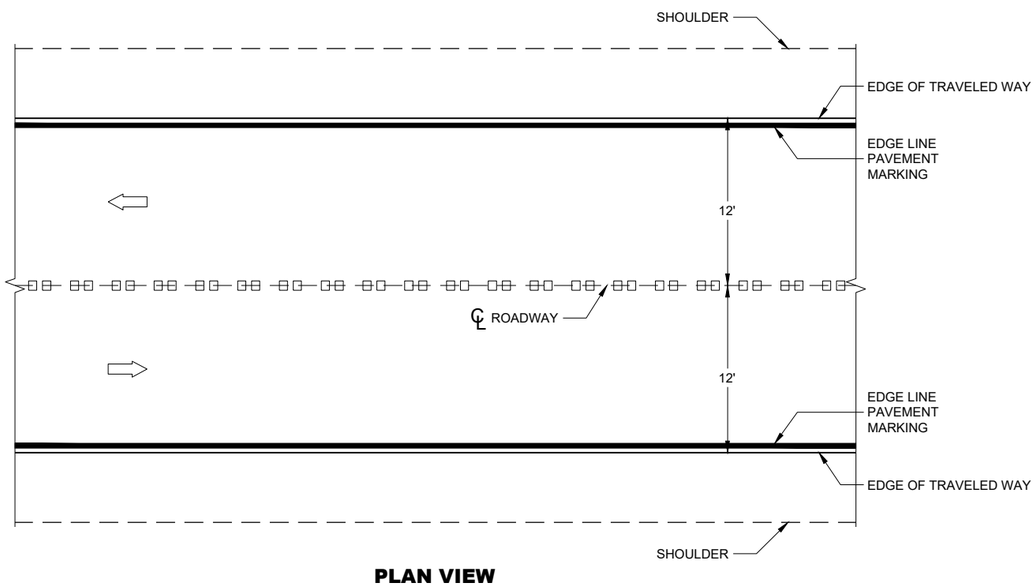
SECTION A - A



SECTION B - B
SUPERELEVATED ROADWAY



SECTION B - B
CROWNED ROADWAY



PLAN VIEW

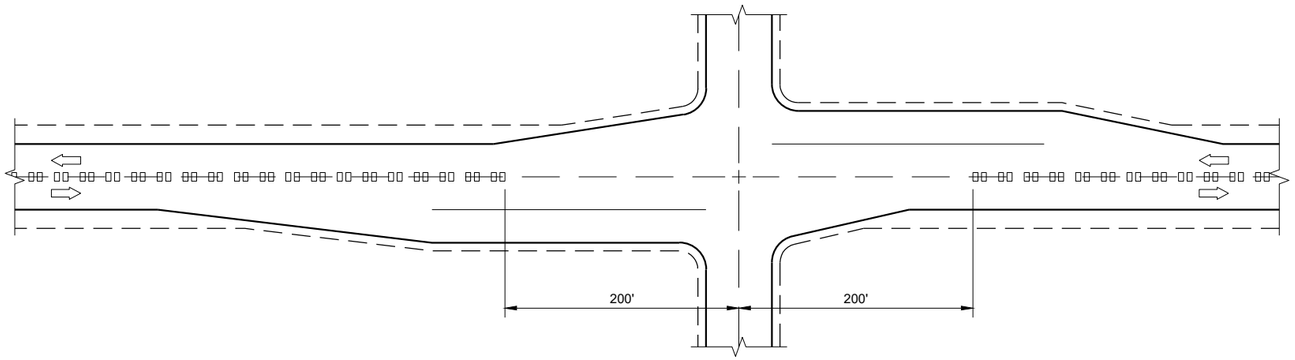
CENTERLINE RUMBLE STRIPS - ASPHALT

CENTERLINE RUMBLE STRIPS - ASPHALT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTAT 316

6

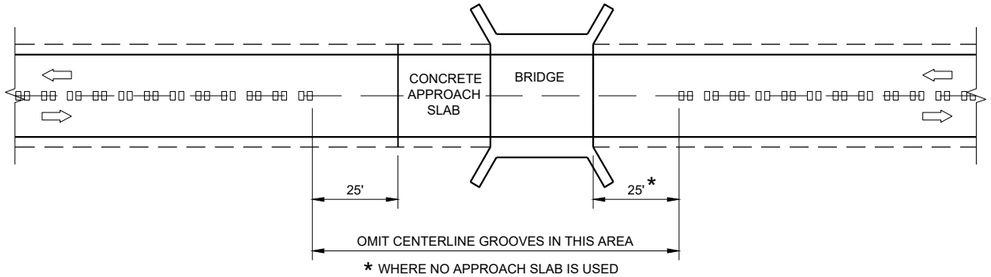
SDD13A11 - 04a



CENTERLINE GROOVES AT INTERSECTIONS

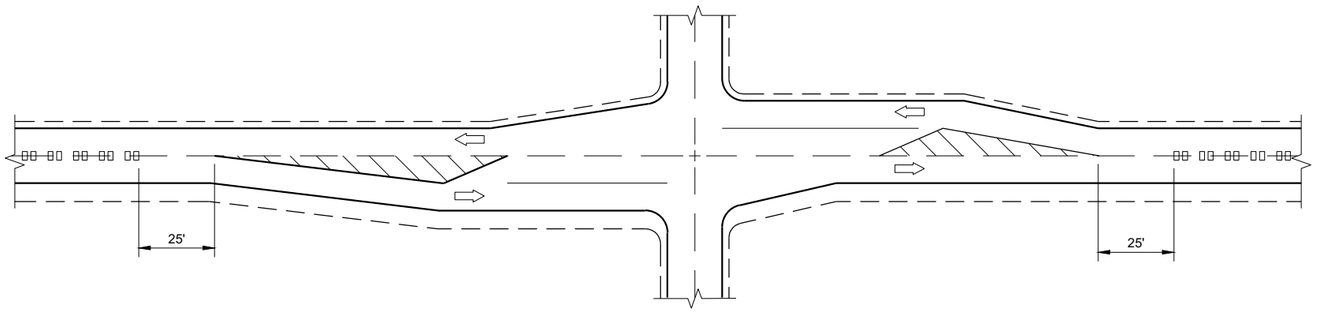
GENERAL NOTES

(1) CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.

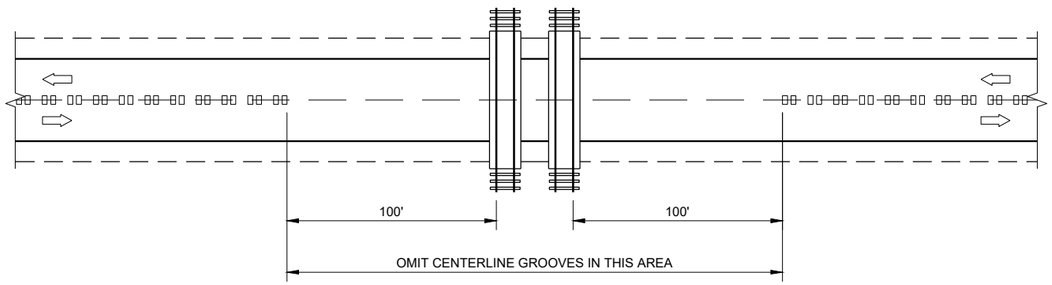


* WHERE NO APPROACH SLAB IS USED

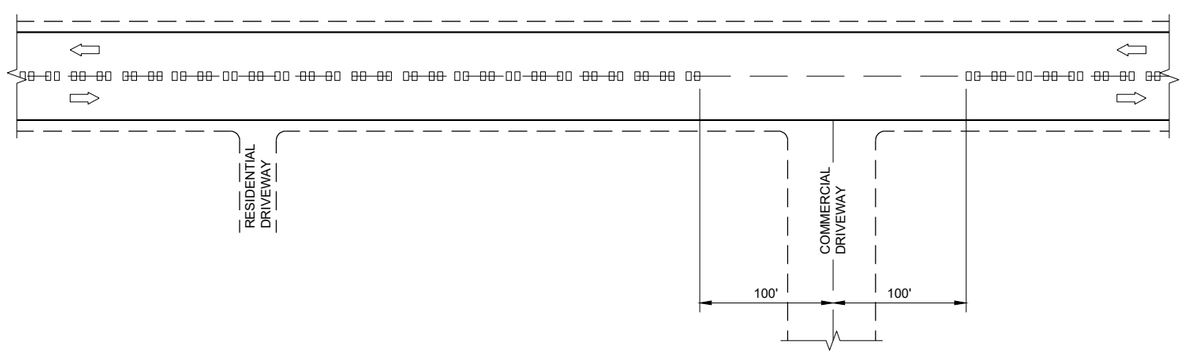
CENTERLINE GROOVES AT BRIDGES



CENTERLINE GROOVES AT INTERSECTIONS (WITH LEFT TURN LANES)



CENTERLINE GROOVES AT RAILROADS



CENTERLINE GROOVES AT DRIVEWAYS (1)

CENTER LINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAIL ROADS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ John Jenkins — ROADWAY STANDARDS DEVE ENGINEER
FHWA

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SDD 13A11 - 04d

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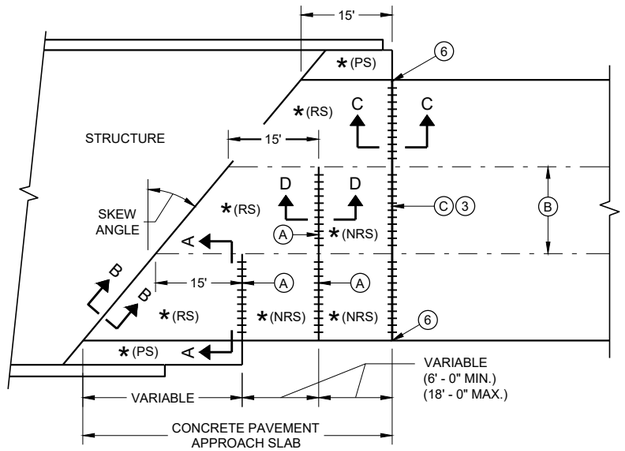
SDD 13A11 - 04d



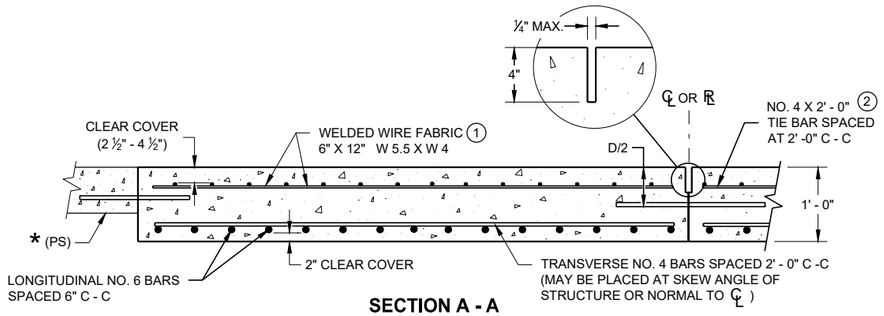
SKEWED APPROACH
(PAVEMENT MORE THAN TWO LANES)

(RS) = REINFORCED CONCRETE SLAB

(PS) = PAVED CONCRETE SHOULDER OR CONCRETE DRAINAGE SLAB

(NRS) - NON - REINFORCED CONCRETE SLAB

*** STANDARD DOWEL BAR DIAMETER (SEE SDD 13C11 AND SDD 13C13)



SECTION A - A
REINFORCEMENT POSITIONING DETAIL

GENERAL NOTES

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

TACK WELD DOWEL BARS TO THE BASKETS ON ALTERNATE ENDS.

(1) THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2' - 0 " C - C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

(2) THE CONTRACTOR MAY OMIT THE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

(3) DO NOT CONSTRUCT AN EXPANSION JOINT OR INSTALL DOWEL BARS WHEN ABUTTING AN HMA PAVEMENT.

(4) USE A JOINT SEALANT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

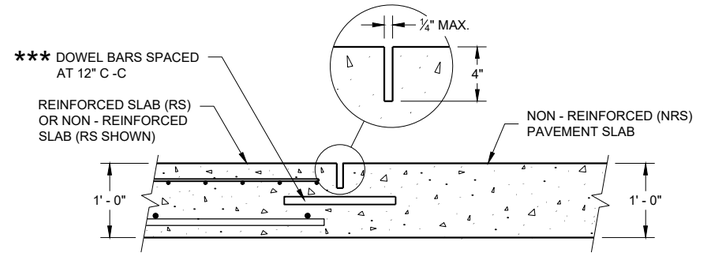
(5) PLACE EXPANSION CAP ON THE END OF THE DOWEL THAT IS NOT TACK WELDED TO THE BASKET. DO NOT FORCE DOWEL BAR PAST THE DOWEL STOP.

(6) EXTEND EXPANSION JOINT THROUGH ANY ADJACENT TIED CONCRETE.

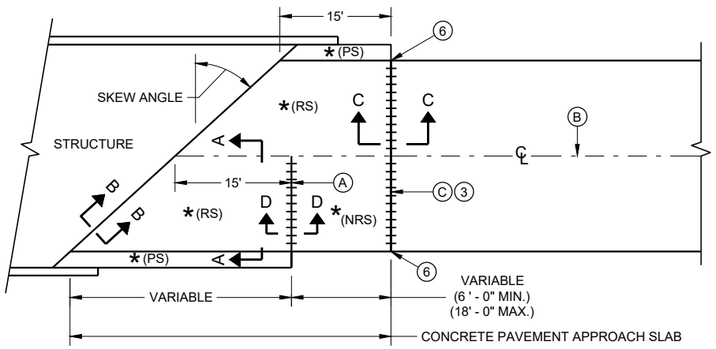
(A) STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℞.

(B) STANDARD LONGITUDINAL JOINT WITH TIE BARS.

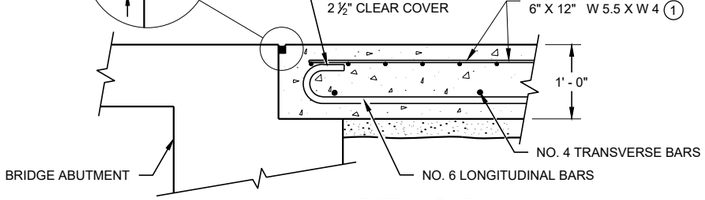
(C) 1 ½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℞ .



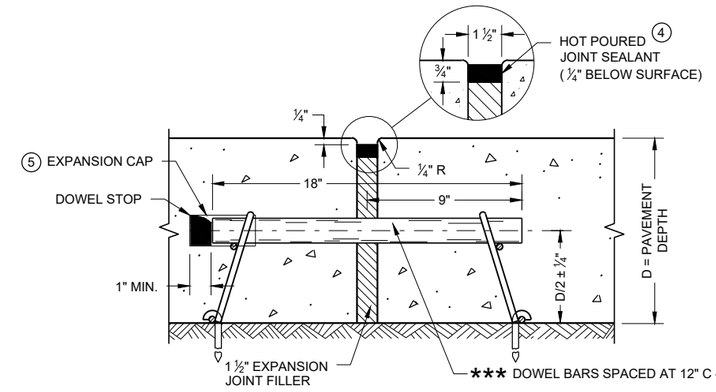
SECTION D - D
CONTRACTION JOINT



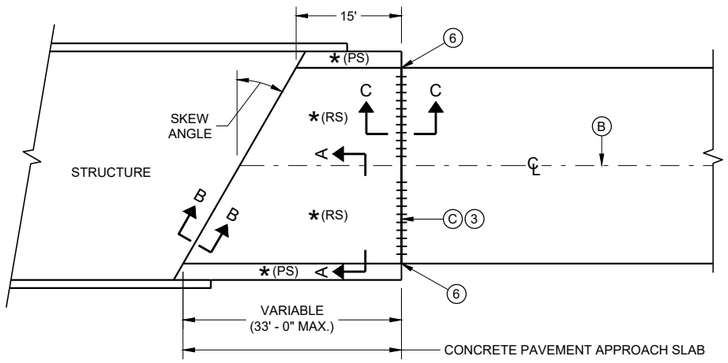
SKEWS > 20°
(PAVEMENT WIDTH ≤ 30')



SECTION B - B
BEND DETAIL
BOTTOM REINFORCEMENT

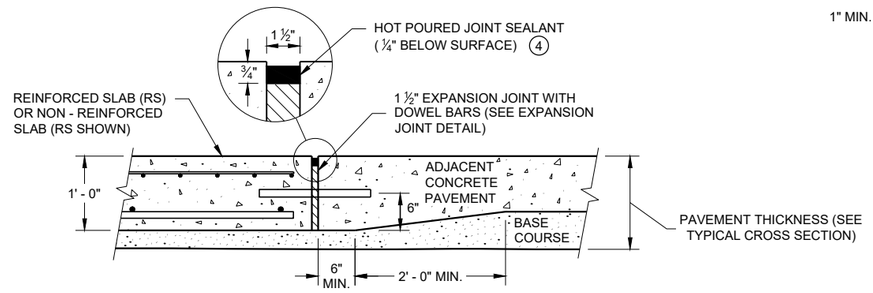


EXPANSION JOINT DETAIL



SKEWS ≤ 20°
(PAVEMENT WIDTH ≤ 30')

APPROACH SLAB AND ADJACENT PAVEMENT



SECTION C - C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Peter Kemp, P.E.
PAVEMENT SUPERVISO

FHWA

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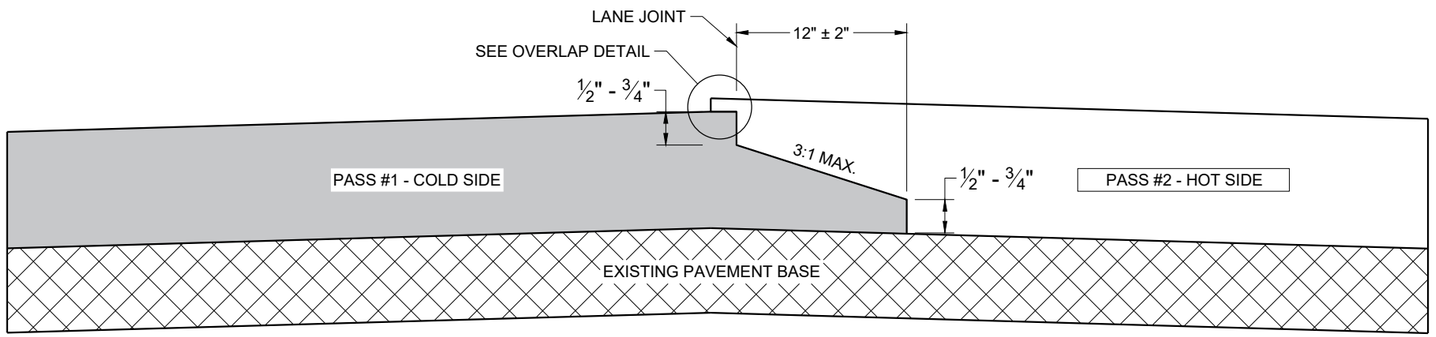
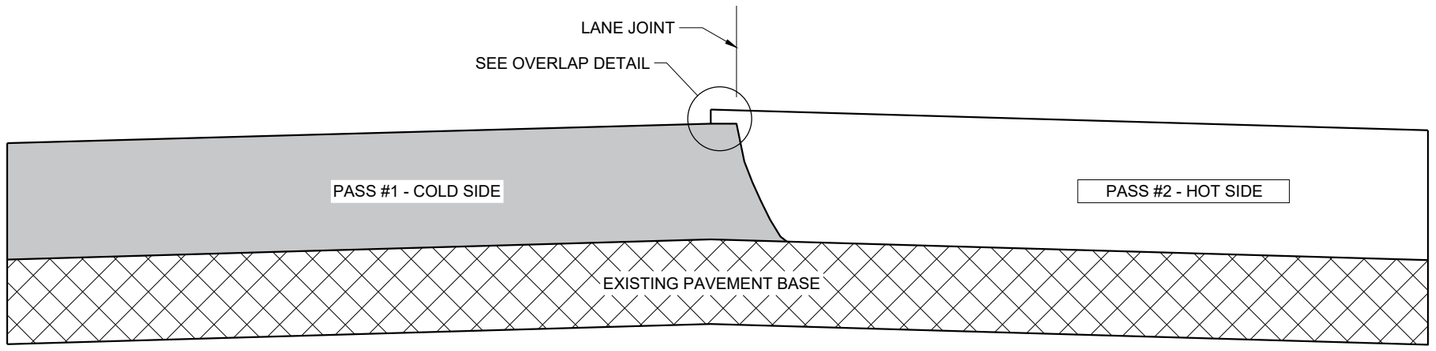
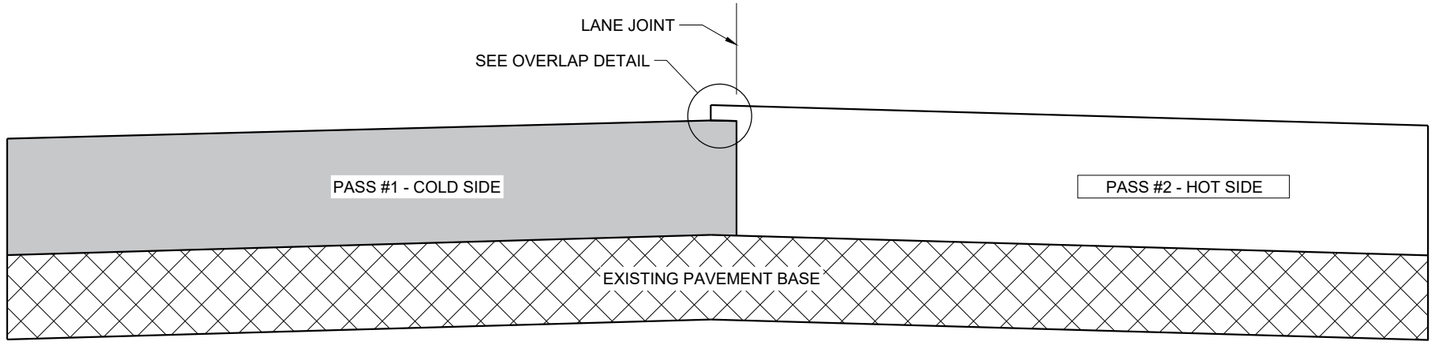
SDD 13B02 - 09a



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

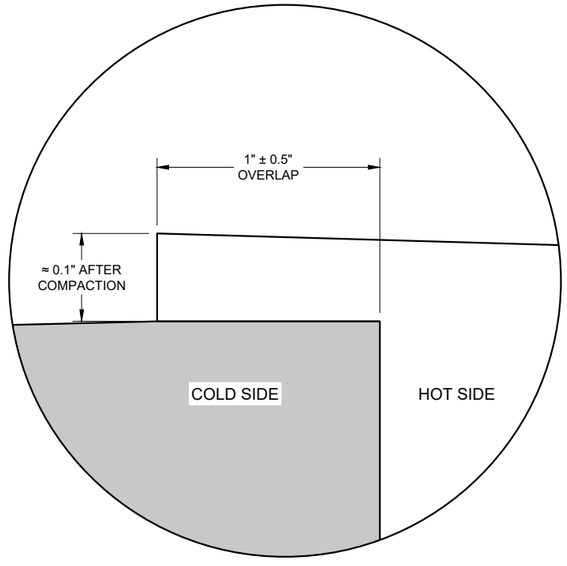
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

6

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SDD 13C19 - 03

SDD 13C19 - 03

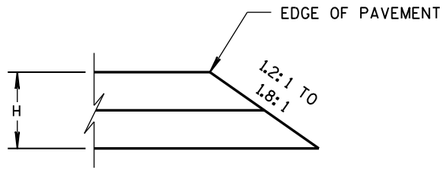
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

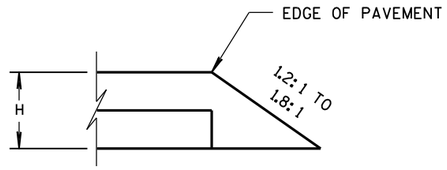
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



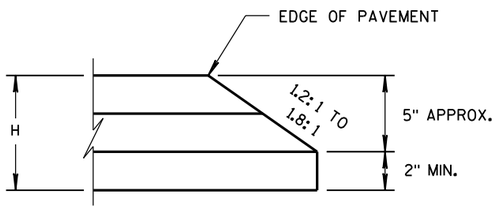
CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS



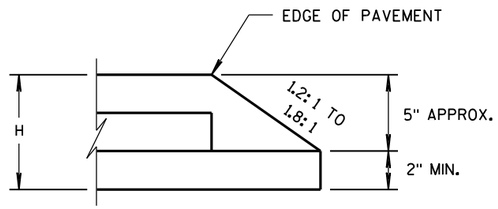
CONSTRUCTED WITH FINAL LAYER

FOR H 5" OR LESS



CONSTRUCTED WITH FINAL TWO LAYERS

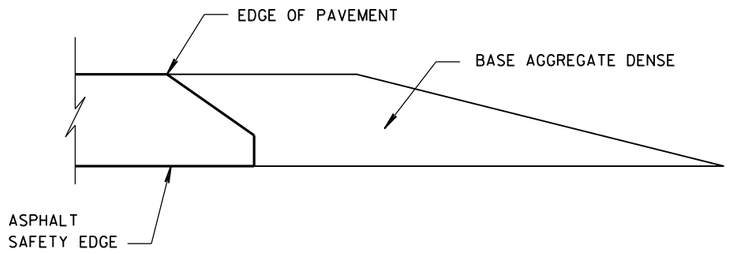
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER

FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

6

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S.D.D. 14 B 29-1

S.D.D. 14 B 29-1

SAFETY EDGE SM

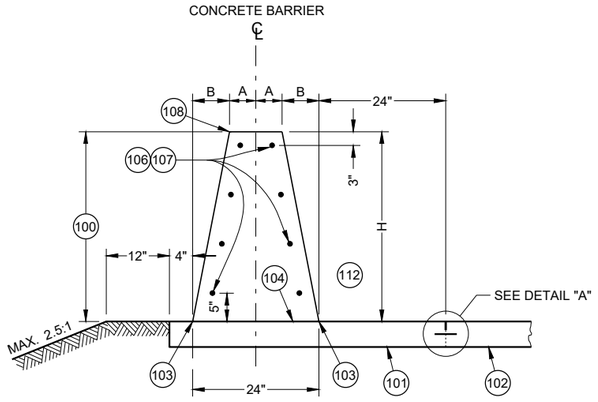
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

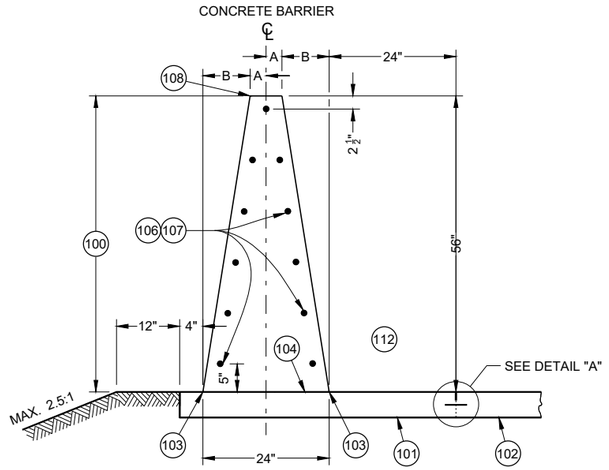
11/30/2012
DATE

/S/ Jerry H. Zoda
ROADWAY STANDARDS DEVELOPMENT ENGINEER

FHWA



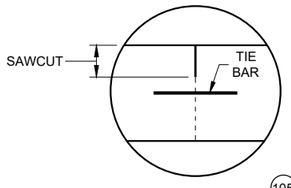
32 - INCH, 36 - INCH OR 42 - INCH SINGLE SLOPE CONCRETE BARRIER
(TYPE S32, TYPE S36, TYPE S42)



56 - INCH SINGLE SLOPE CONCRETE BARRIER
(TYPE S56)

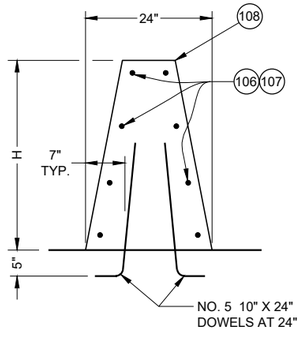
TABLE "A"

BARRIER HEIGHT H INCHES	A INCHES	B INCHES	NUMBER OF NO. 5 BARS EACH
32	7	5	8
36	6 ¼	5 ¾	8
42	5 ¼	6 ¾	10
56	3	9	11

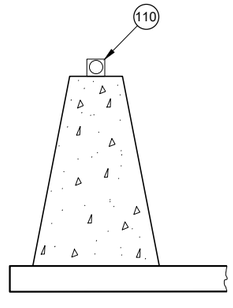


105 109 111

DETAIL "A"



SINGLE SLOPE CONCRETE BARRIER ON BRIDGE
(NON OUTER PARAPET APPLICATION)



DELINEATION

GENERAL NOTES

WHERE THE CONCRETE BARRIER IS ADDED TO THE FACE OF EXISTING CONCRETE STRUCTURE, MATCH EXISTING WEEP HOLES.

LOCATE EXPANSION JOINTS IN CONCRETE BARRIER SHALL AT ALL DECK AND PRINCIPAL WALL JOINTS. FILL EXPANSION JOINT WITH EXPANSION JOINT MATERIAL. SEAL THE EXPANSION JOINT CONFORMING TO STANDARD SPECIFICATION 415.2.6.

PLACE BARRIER PERPENDICULAR TO SHOULDER GRADE, UNLESS INDICATED IN PLAN.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD SPECIFICATION 501.

2" CLEAR COVER TYPICAL

ANCHORS ARE REQUIRED AT CONCRETE BARRIER ENDS AND AT INTERRUPTIONS IN CONCRETE BARRIER. ANCHOR MAY BE AS SHOWN IN THIS SDD OR DETAIL SHOWN ON SDD 14B33. ANCHORS INCIDENTAL TO CBSS.

PROVIDE A 1" DEEP CONTRACTION JOINT IN BARRIER PAD AND BARRIER. JOINT IS TO MATCH ADJACENT CONCRETE JOINTS. NO DOWEL BARS ARE REQUIRED FOR BARRIER PAD. IF ADJACENT TO ASPHALT, CONTRACTION JOINT IS REQUIRED EVERY 15'.

ALL REBAR SHALL BE EPOXY COATED M31 TYPE S. SEE STANDARD SPECIFICATION 505.

CONCRETE BARRIER, UPPER CONCRETE BARRIER, LOWER CONCRETE BARRIER, CONCRETE BARRIER PAD, AND FOOTINGS ARE TERMS USED TO DESCRIBE PARTS OF SINGLE SLOPE CONCRETE BARRIER BID ITEMS. THESE PARTS ARE INCIDENTAL TO THE SINGLE SLOPE CONCRETE BARRIER BID ITEMS.

(100) CONCRETE BARRIER

(101) CONCRETE BARRIER PAD

(102) PAVEMENT

(103) WHERE VERTICAL ROADWAY OFFSET IS GREATER THAN 1 ½", USE TYPE A SINGLE SLOPE BARRIER.

(104) OPTIONAL CONSTRUCTION JOINT.

(105) CONSTRUCTION JOINTS MAY BE ELIMINATED WHEN CONCRETE SHOULDER IS LESS THAT 10'.

(106) STAGGER LAPPING OF LONGITUDINAL STEEL. MINIMUM OVERLAP OF STEEL IS 2' BARS AT LAPS TO BE FIRMLY TIED OR CONNECTED.

(107) NO. 5 CONTINUOUS BARS EVENLY SPACED (SEE TABLE "A").

(108) USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED SHARP EDGES UNLESS OTHERWISE NOTED.

(109) CONCRETE BARRIER PAD UNDER CBSS MAY BE PLACED SEPARATELY OR PLACED WITH CONCRETE SHOULDER AND SAWED ⅓ DEPTH. CONCRETE BARRIER PAD AND SAWING OF CONCRETE SHOULDER IS INCIDENTAL TO CONCRETE BARRIER BID ITEM. CONCRETE BARRIER PAD MINIMUM DEPTH IS 6", OR EQUAL TO THE DEPTH OF THE CONCRETE SHOULDER.

(110) SEE SDD 15A04 FOR DELINEATOR DETAILS AND SPACING.

(111) SEE SDD 13C01 FOR DETAILS TYPING CONCRETE BARRIER TO ADJACENT CONCRETE

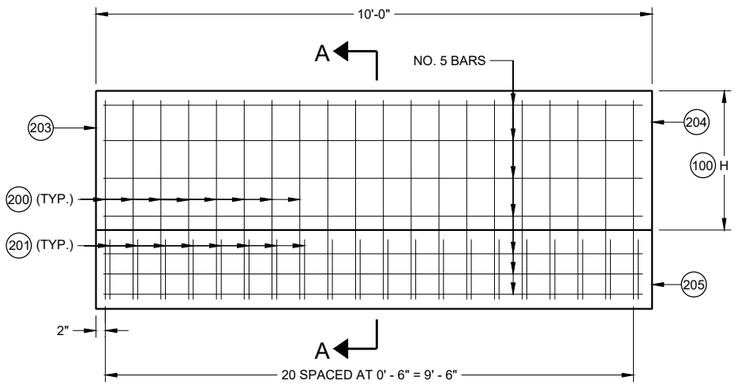
(112) TRAFFIC SIDE

CONCRETE BARRIER SINGLE SLOPE (CBSS)

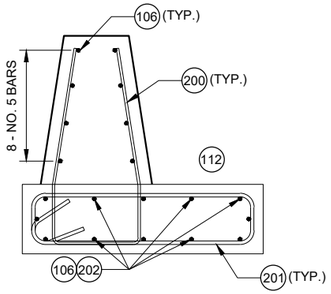
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

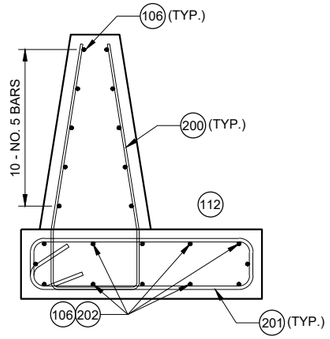
SDD 14B32 - 10a



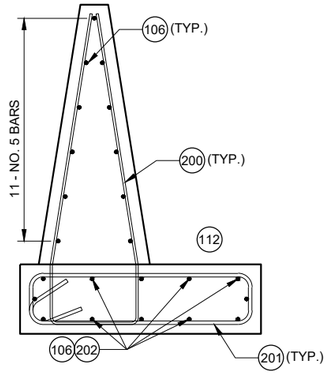
END ANCHOR SINGLE SLOPE CONCRETE BARRIER



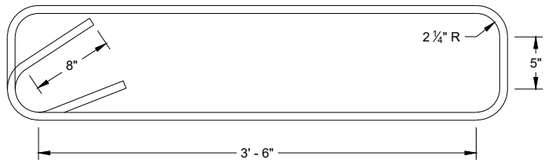
32" AND 36" CBSS



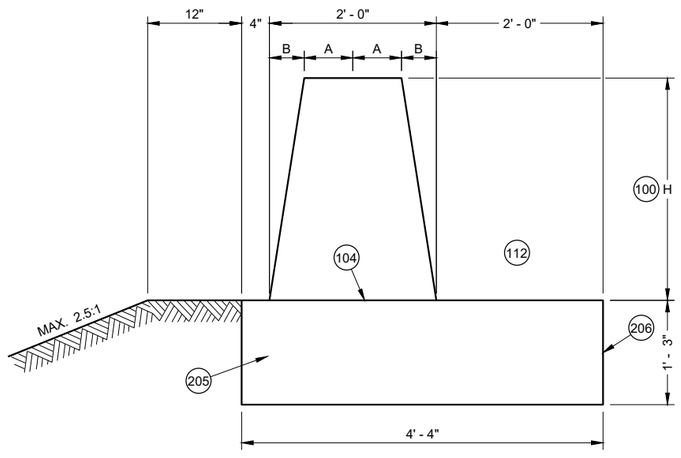
42" CBSS



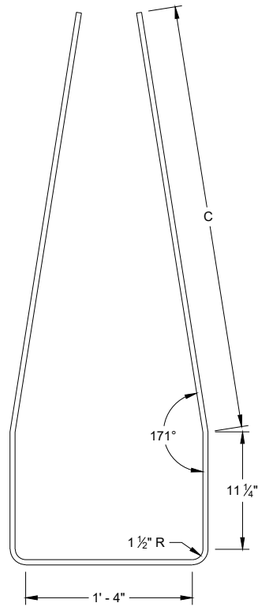
56" CBSS



STIRRUP BAR BENDING DETAIL



SECTION A - A



V1 BAR BENDING DETAIL

TABLE "B"

BARRIER HEIGHT H INCHES	C INCHES
32	2' - 6"
36	2' - 11"
42	3' - 4"
56	4' - 6 ½"

GENERAL NOTES

200 V1 BARS ARE NO. 5 BARS. (SEE BAR BENDING DETAIL)

201 STIRRUPS ARE NO. 6 BARS. (SEE BAR BENDING DETAIL)

202 TWELVE (12) NO. 5 BARS EVENLY SPACED

203 END OF INSTALLATION OR EXPANSION JOINT.

204 SEE COLD JOINT DETAIL TO CONNECT END ANCHOR SINGLE SLOPE CONCRETE BARRIER TO SINGLE SLOPE CONCRETE BARRIER.

205 FOOTING

206 DO NOT TIE TO FOOTING TO ADJACENT PAVEMENT.

CONCRETE BARRIER SINGLE SLOPE (CBSS)

6

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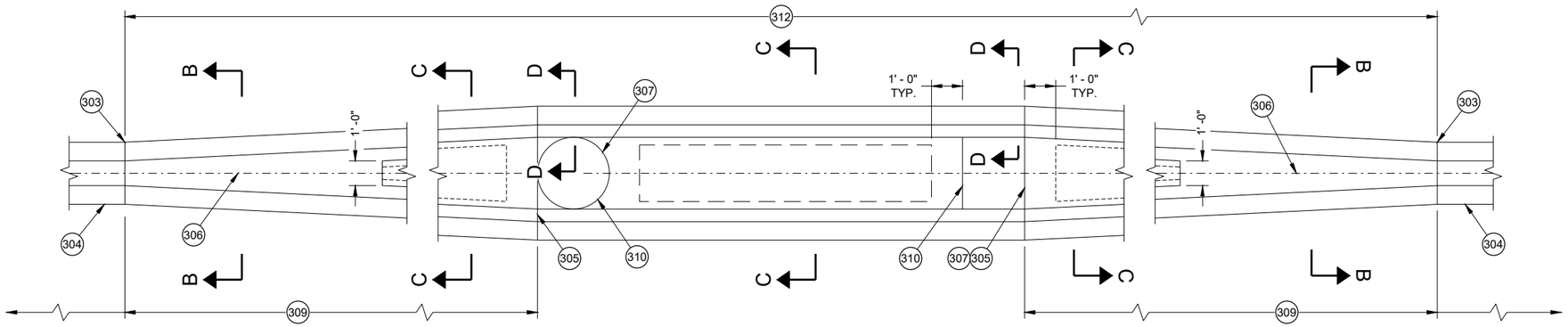
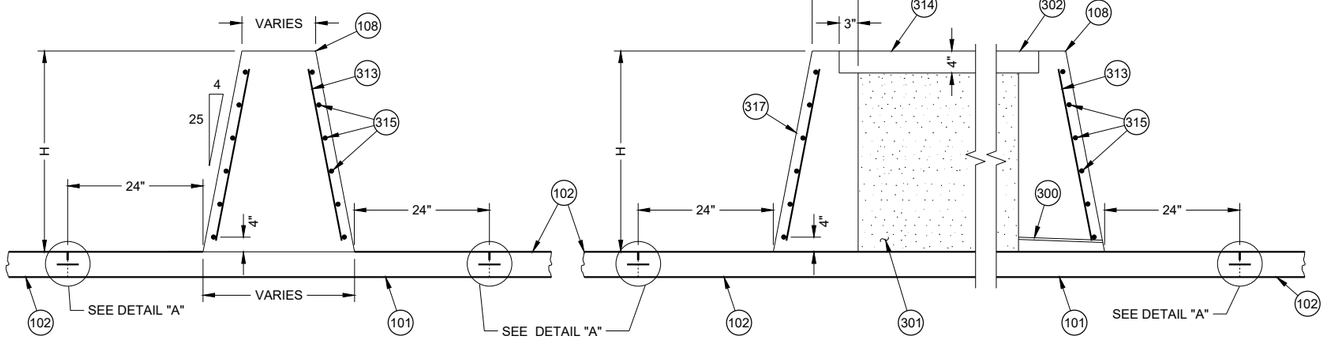


LARGE FIXED OBJECTS PROTECTION
(TYPE S32, TYPE S36, TYPE S42, TYPE S56)

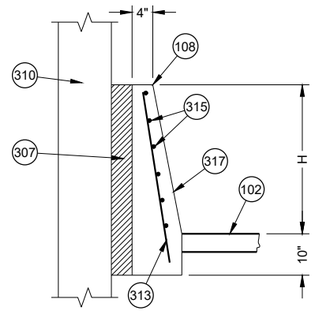
TABLE "C"

BARRIER HEIGHT H INCHES	BAR SIZE	NUMBER OF BARS EACH
32	4	6
36	4	6
42	5	6
56	5	6

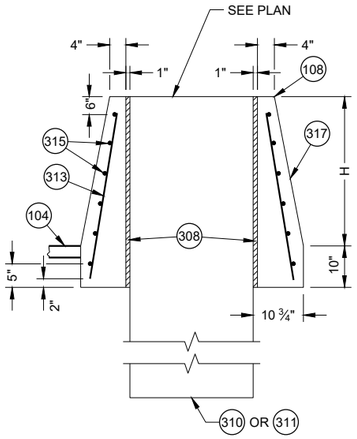


SECTION B - B

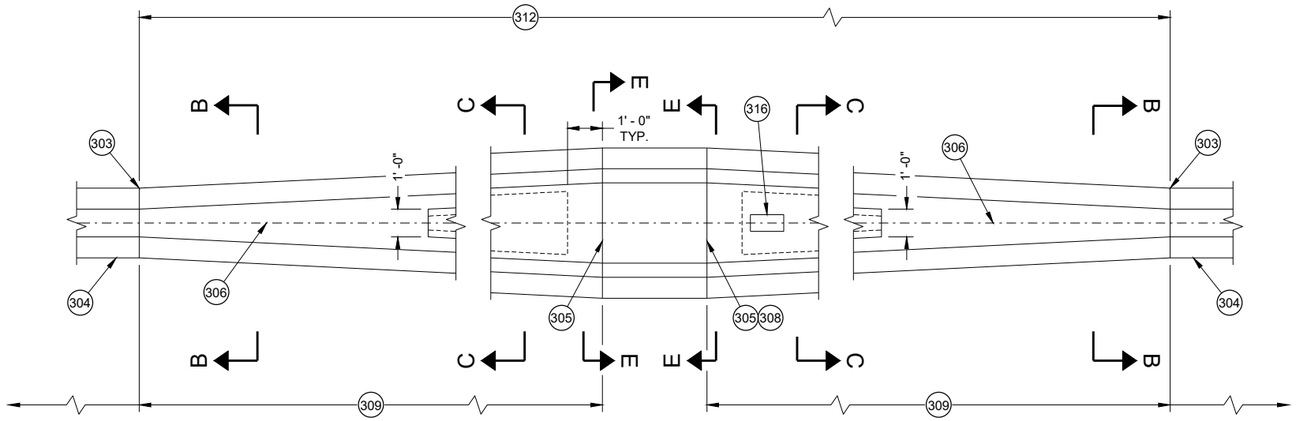
SECTION C - C



SECTION D - D



SECTION E - E



SMALL FIXED OBJECTS PROTECTION
(TYPE S32, TYPE S36, TYPE S42, TYPE S56)

GENERAL NOTES

300 INSTALL 1 INCH DIAMETER DRAIN PIPE EVERY 20 FEET OF CROSS SECTION B -B. MINIMUM ONE DRAIN CAVITY.

301 BETWEEN CONCRETE BARRIER WALLS FILL WITH FOUNDATION BACKFILL.

302 LEVEL THE TOP OF CONCRETE BARRIER CAP ACROSS TOP OF BARRIER. ADJUST HEIGHT OF CONCRETE BARRIER WALL ON LOW SIDE OF OFFSET OR SUPERELEVATED ROADWAYS TO PROVIDE LEVEL GRADE ACROSS TOP OF CONCRETE CAP.

303 USE COLD JOINTS BETWEEN FIXED OBJECT PROTECTION AND CONCRETE BARRIER ANCHOR.

304 INSTALL END ANCHOR SINGLE SLOPE CONCRETE BARRIER.

305 SEE COLD JOINT DETAIL

306 CENTERLINE OF CONCRETE BARRIER.

307 INSTALL 4" EXPANDED POLYSTYRENE BETWEEN COLUMN AND CONCRETE BARRIER.

308 INSTALL 1" EXPANDED POLYSTYRENE BETWEEN PEDESTAL AND CONCRETE BARRIER.

309 20:1 MIN. TRANSITION.

310 COLUMN

311 PEDESTAL

312 LIMITS OF PAYMENT FOR LARGE FIXED OBJECT PROTECTION (SEE PLAN)

313 NO. 4 BARS SPACED 12" CENTER TO CENTER (TYP.)

314 USE NO. 3 BAR SPACED 12 INCHES CENTER TO CENTER (PLACED IN EACH DIRECTION) OR EQUIVALENT WIRE MESH.

315 SEE TABLE "C" FOR BAR INFORMATION

316 ELECTRICAL PULL BOX FOR SIGN FLUSH WITH TOP OF CONCRETE BARRIER.

317 VARIABLE SLOPE

CONCRETE BARRIER SINGLE SLOPE (CBSS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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GENERAL NOTES

(400) END ANCHOR SINGLE SLOPE CONCRETE BARRIER.

(401) PARAPET, SIGN BRIDGE BASE, LIGHT POLE BASE OR OTHER OBJECT SINGLE SLOPE CONCRETE BARRIER CANNOT TIE INTO.

(402) JOINT SEAL CONFORMING TO STANDARD SPECIFICATION 415.2.6

(403) EXPANSION JOINT MATERIAL.

(404) INLET (SEE PLAN)

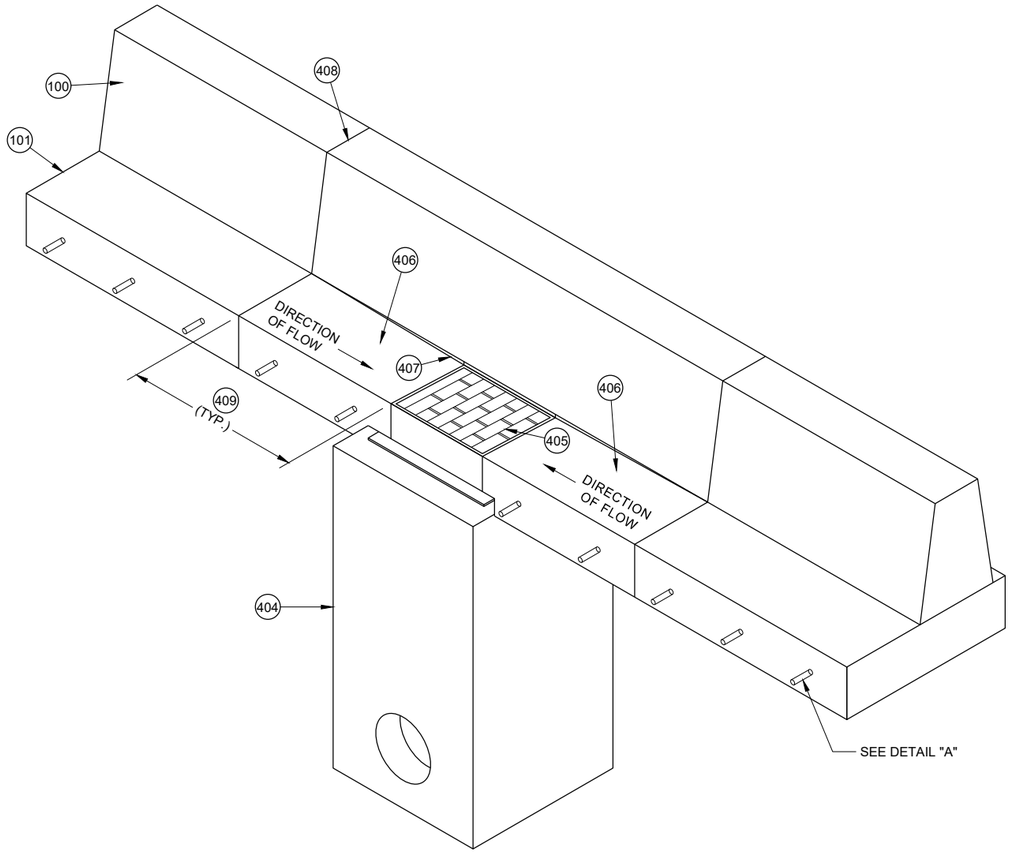
(405) INLET COVER BW (SEE PLAN)

(406) WARP PAN TO MATCH INLET COVER.

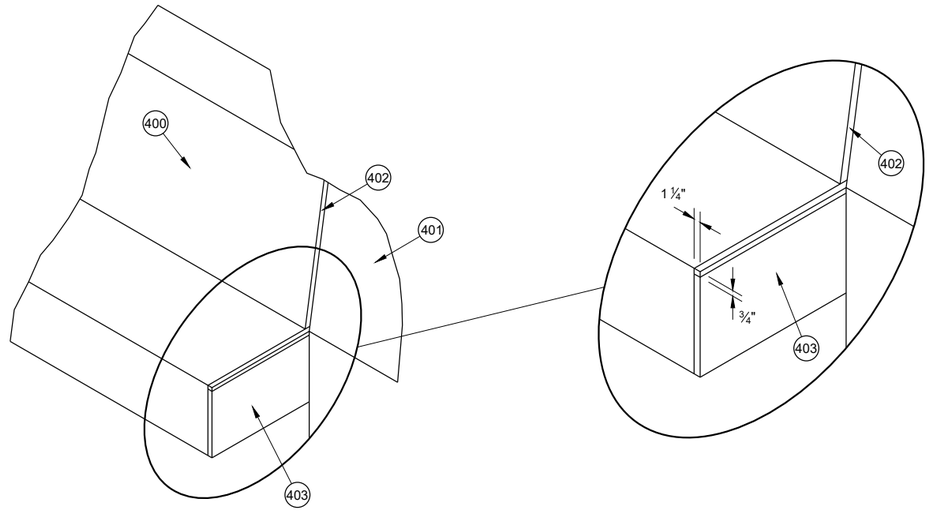
(407) EXTEND BARRIER SLOPE TO INLET. SEE PLAN FOR THE LENGTH OF EXTENSION.

(408) CONTRACTION JOINT.

(409) 3' (TYP.)



DRAINAGE DETAIL



EXPANSION JOINT DETAIL

6

SDD 14B32 - 10d

CONCRETE BARRIER SINGLE SLOPE (CBSS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 14B32 - 10d

GENERAL NOTES

USE COLD JOINT TO CONNECT MULTIPLE HEIGHT TRANSITIONS.

(500) SEE TABLE "A" FOR DIMENSIONS

(501) SEE TABLE "D"

(502) MULTIPLE HEIGHT TRANSITION MAY BE USED IN SEQUENCE TO GET APPROPRIATE HEIGHT.

(503) COLD JOINT

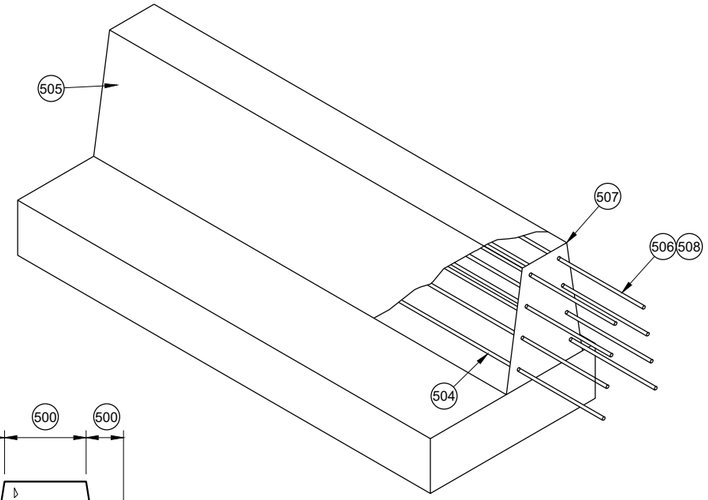
(504) BARRIER REBAR (SEE OTHER DETAILS FOR BAR SIZE, QUANTITY AND LOCATION).

(505) SINGLE SLOPE BARRIER SHOWN. SIMILAR DETAIL CAN BE USED FOR COLD JOINT IN END ANCHORS AND TRANSITIONS.

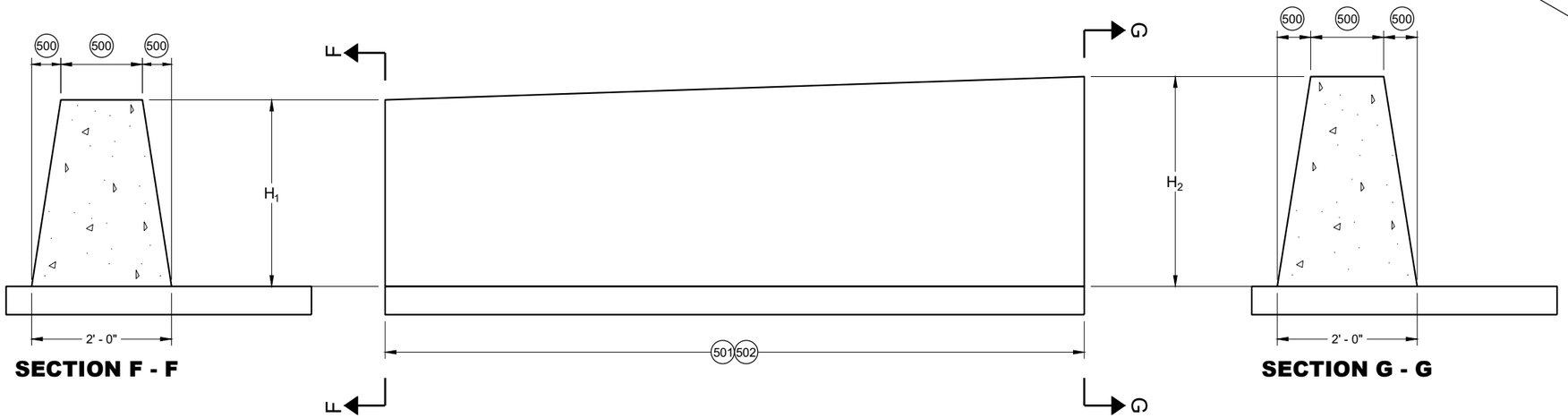
(506) NO. 5 REBAR FOR SPLICE. 3' OF SPLICE REBAR IS LAPPED AND TIED TO BARRIER REBAR. EXTEND 3' OF SPLICE REBAR BEYOND END OF POUR. ALL BARS ARE FIRMLY TIED OR CONNECTED. EVERY REBAR IN THE BARRIER SECTION REQUIRES A SPLICE BAR.

(507) END OF POUR.

(508) LAP AND TIE 3' OF NEXT POUR'S REBAR TO SPLICE REBAR.



COLD JOINT DETAIL



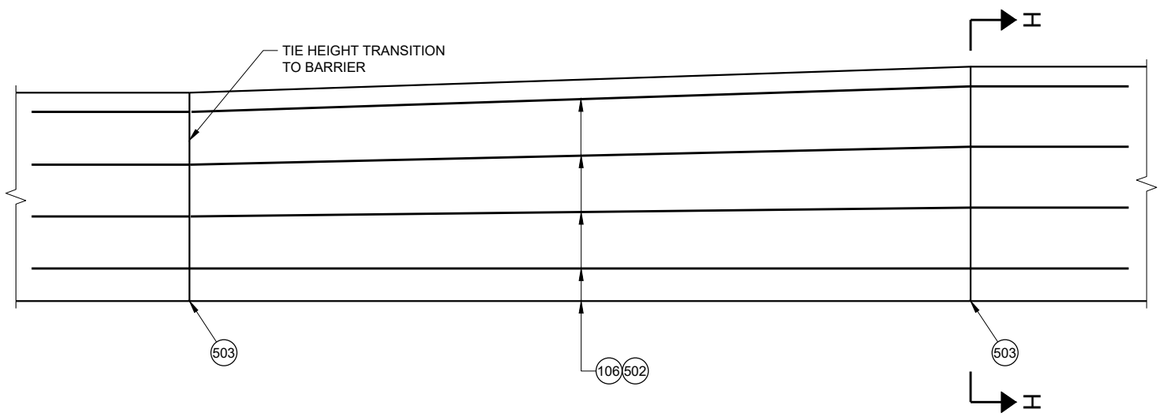
SECTION F - F

SECTION G - G

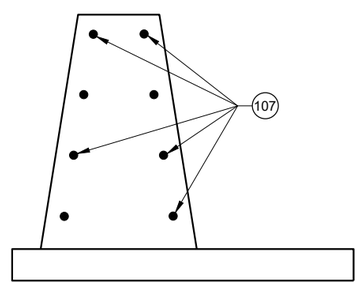
DOUBLE COLD JOINT HEIGHT TRANSITION

TABLE "D"

H_1	H_2	L	NUMBER OF NO. 5 BARS
32"	36"	10' - 0"	8
36"	42"	10' - 6"	10
42"	56"	24' - 6"	11



STEEL REINFORCEMENT DETAIL



SECTION H - H

CONCRETE BARRIER SINGLE SLOPE (CBSS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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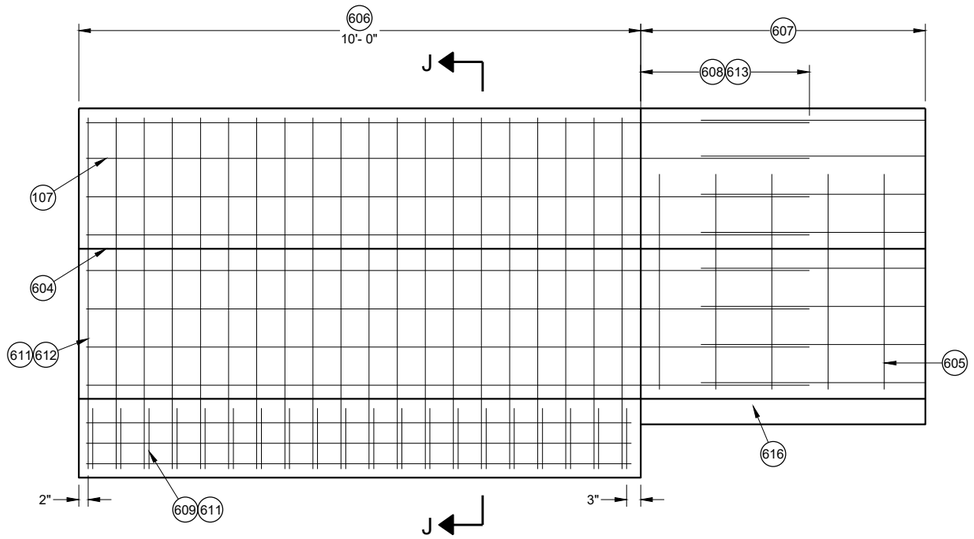
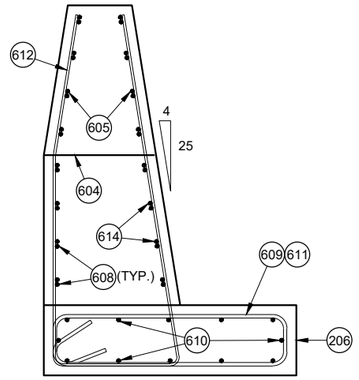


END ANCHOR MEDIAN BARRIER AND RETAINING WALL



SECTION J - J
END ANCHOR AND MEDIAN WALL END ANCHOR REINFORCEMENT DETAIL

GENERAL NOTES

600 UPPER CONCRETE BARRIER

601 LOWER CONCRETE BARRIER

602 MAX HEIGHT 36".

603 VERTICAL OFFSET FROM TOP ROADWAY SURFACES

604 OPTIONAL CONSTRUCTION JOINT WHEN HEIGHT IS GREATER THAN 1 ½".

605 NO. 4 BARRIER LOOP BARS ARE NOT REQUIRED FOR ROADWAY OFFSETS ARE LESS THAN 1'- 0", EXCEPT WHEN USED IN ANCHORS. BARRIER LOOP BARS ARE SPACED 12" CENTER TO CENTER OUTSIDE OF MEDIAN BARRIER AND RETAINING WALL END ANCHOR.

606 SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL ANCHOR

607 SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL (SEE OTHER DETAILS)

608 NO. 5 REBAR 3' OF LAP OF LONGITUDINAL STEEL.

609 NO. 6 REBAR END ANCHOR FOOTING LOOP

610 TWELVE (12) NO. 5 BARS EVENLY SPACED.

611 SS ANCHOR END LOOP AND END ANCHOR FOOTING LOOP ARE SPACED 6" CENTER TO CENTER.

612 END ANCHOR LOOP BAR IS NO. 5 REBAR.

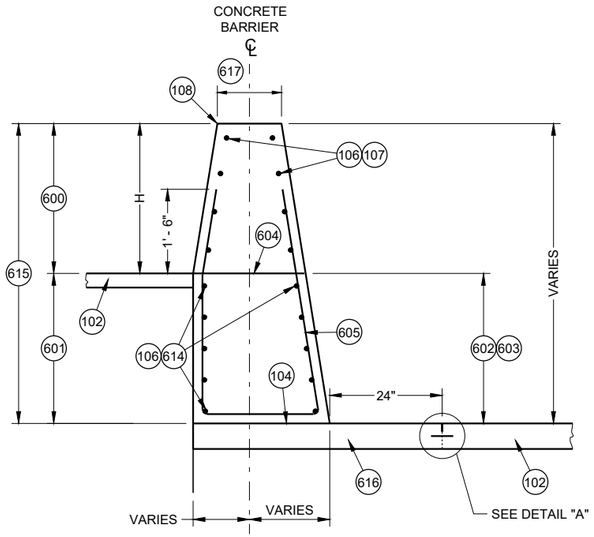
613 SEE COLD JOINT DETAIL.

614 SEE TABLE "E" FOR REQUIRED REBAR

615 TOTAL BARRIER HEIGHT (SEE PLAN FOR HEIGHT)

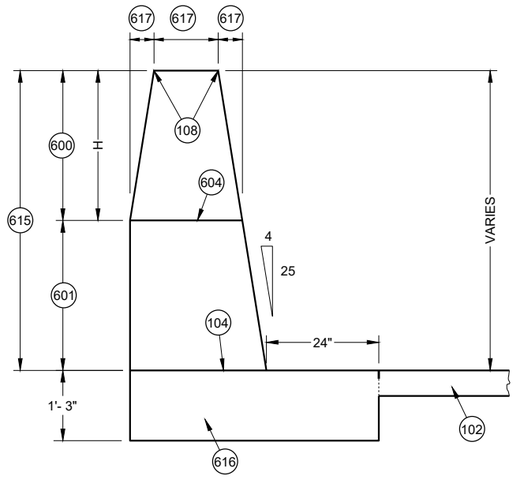
616 FOR SOME LOCATIONS, NO PAN IS NEEDED. SEE OTHER DETAILS.

617 SEE TABLE "A" FOR DIMENSIONS

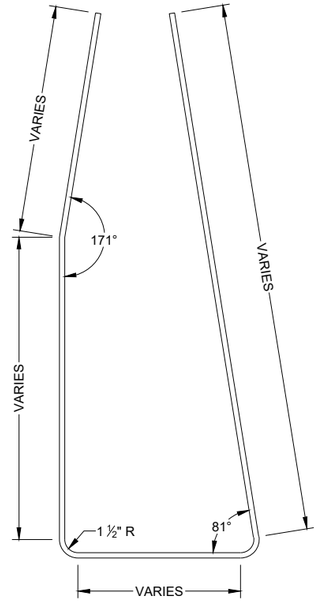


SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL
(TYPE S32A, TYPE S36A, TYPE S42A, TYPE S56A)

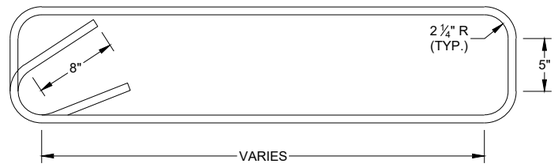
(BETWEEN ADJACENT ROADWAYS)



SECTION J - J
MEDIAN BARRIER AND RETAINING WALL END ANCHOR DIMENSIONS



LOOP BAR BENDING DETAIL



END ANCHOR STIRRUP BAR BENDING DETAIL

TABLE "E"

HEIGHT BETWEEN ROADWAY	QUANTITY OF NO. 6 BARS
0 TO 3"	0
GREATER THAN 3" TO 8"	2
GREATER THAN 8" TO 12"	4
GREATER THAN 12" TO 36"	8

CONCRETE BARRIER SINGLE SLOPE (CBSS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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6

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GENERAL NOTES

700 END ANCHOR SINGLE SLOPE CONCRETE BARRIER

701 SEE EXPANSION JOINT DETAIL

702 END ANCHOR SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL

703 PAY LIMIT FOR SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL

704 SEE COLD JOINT DETAIL

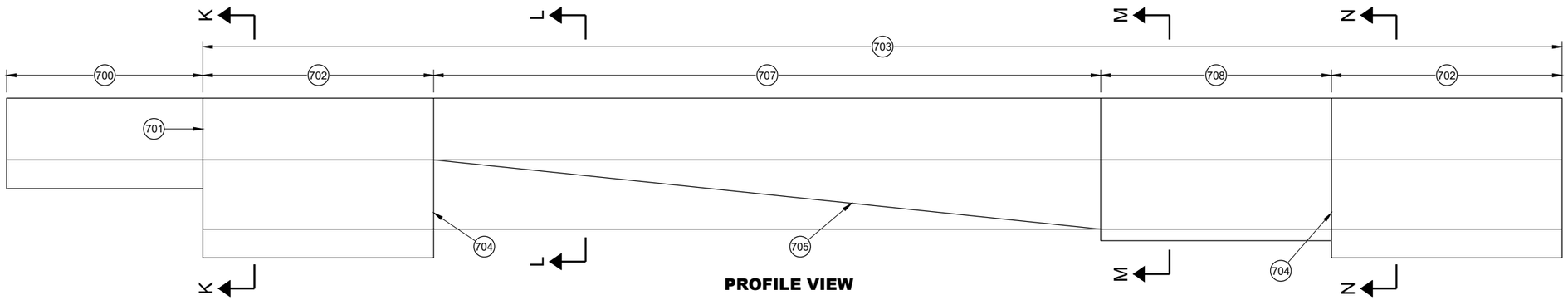
705 LOW SIDE SHOULDER

706 HIGH SIDE SHOULDER

707 SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL INSTALLED WITHOUT A PAN.

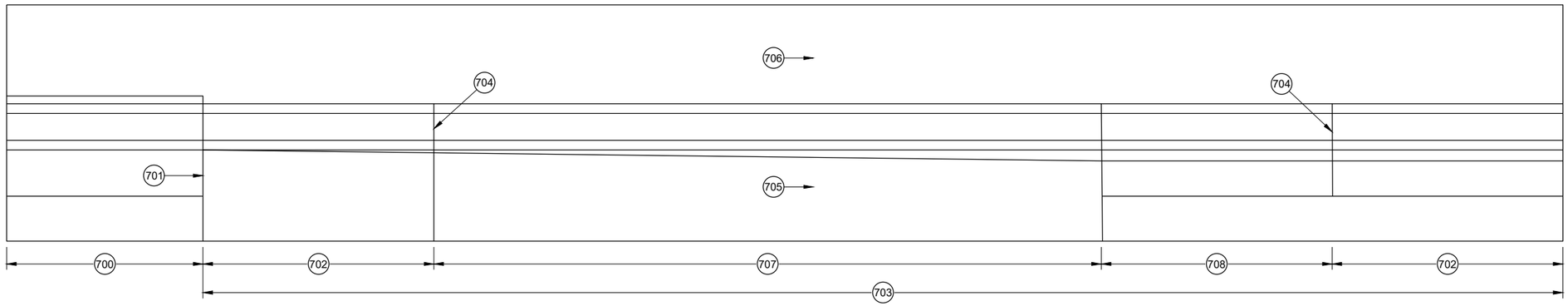
708 SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL INSTALLED WITH A PAN.

709 EXCAVATION AND COMPACTION



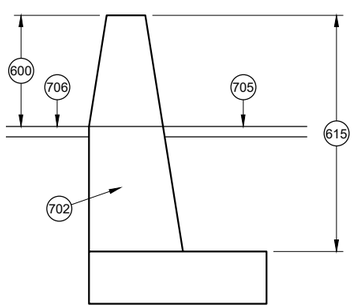
PROFILE VIEW

SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL



PLAN VIEW

SINGLE SLOPE CONCRETE BARRIER AND RETAINING WALL



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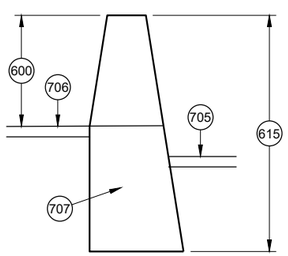
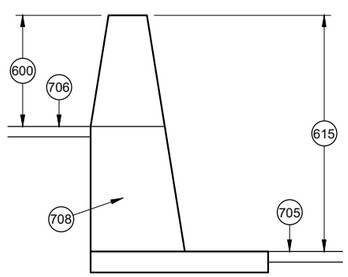
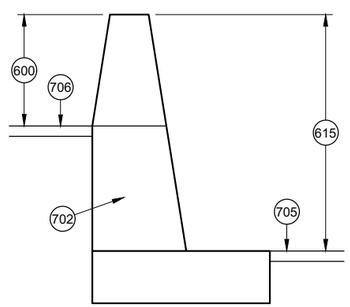


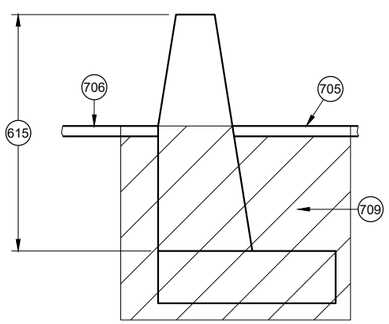
SECTION L - L



SECTION M - M



SECTION N - N



CONCRETE BARRIER
SINGLE SLOPE (CBSS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 14B32 - 10g

GENERAL NOTES

END ANCHORAGE MAY OR MAY NOT BE PRESENT ON EXISTING BARRIER.

REMOVE THRIE BEAM ANCHORAGE AS SHOWN.

(800) AREA OF BARRIER REMOVAL AN NEW CONCRETE AND STEEL IS INSTALLED.

(801) MINIMUM LENGTH OF REMOVAL IS 15'

(802) FOOTING BELOW GROUND MAY REMAIN IN PLACE.

(803) CONCRETE BARRIER SINGLE SLOPE THRIE BEAM ANCHOR TO REMAIN.

(804) SAW CUT

(805) NEW SINGLE SLOPE CONCRETE BARRIER.

(806) CONCRETE BARRIE SINGLE SLOPE TO REMAIN.

(807) SINGLE SLOPE CONCRETE BARRIER OR CONCRETE BARRIER SINGLE SLOPE THRIE BEAM ANCHOR TO REMAIN.

(808) SEE CONNECTION DETAIL.

(809) NO. 5 CONTINUOUS BAR.

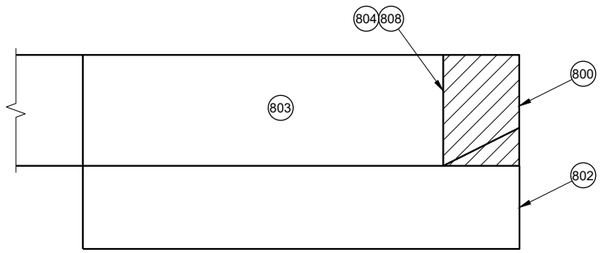
(810) 3' MIN. DRILL HOLES. USES NO. 5 ADHESIVE ANCHORS.

(811) THE NUMBER OF DRILL HOLES IS EQUAL TO THE NUMBER OF HORIZONTAL REBAR IN BARRIER. DRILL HOLES ARE TO BE A MINIMUM OF 4" FROM EDGE OF CONCRETE.

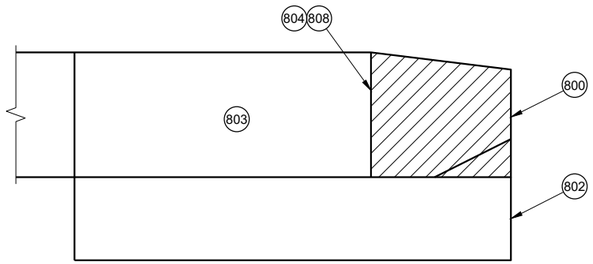
(812) EXISTING REBAR IN EXISTING BARRIER OR END ANCHOR.

(813) 3' BAR OVERLAP

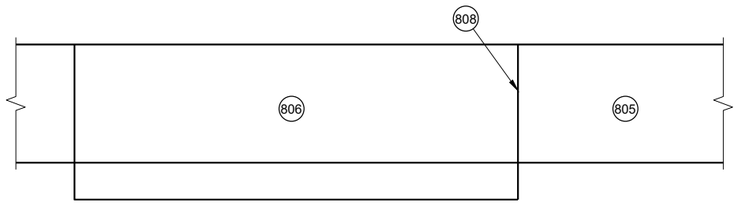
(814) EXISTING REINFORCEMENT



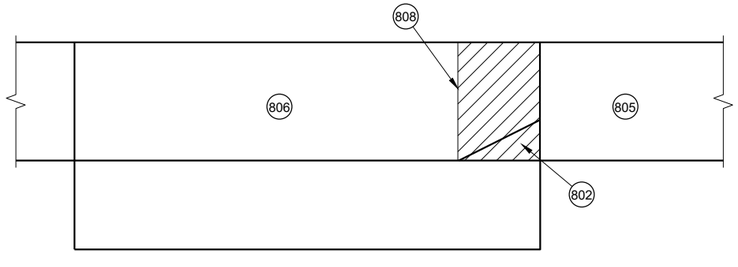
REMOVAL AREA OF
32" CONCRETE THRIE BEAM ANCHORAGE



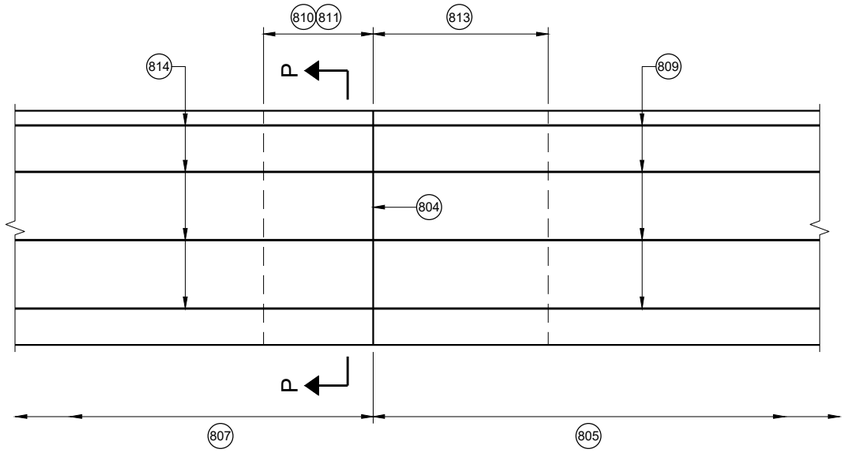
REMOVAL AREA OF CONCRETE THRIE BEAM ANCHORAGE WITH HEIGHT GREATER THAN 32"



CONCRETE BARRIER EXTENSION NEAR END ANCHORAGE

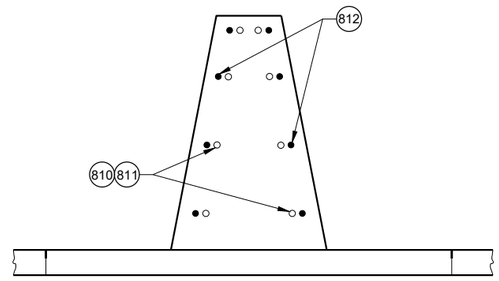


CONCRETE BARRIER EXTENSION NEAR THRIE BEAM TERMINAL

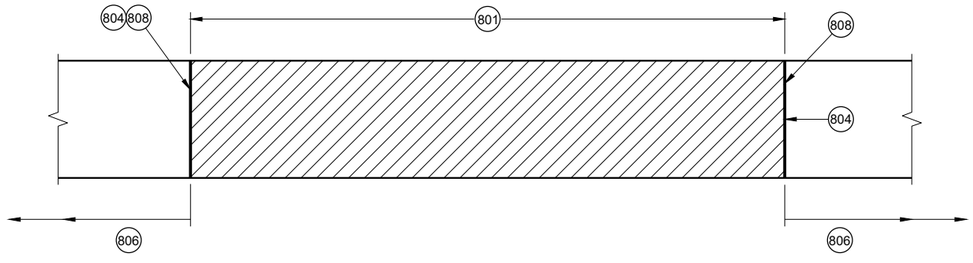


CONNECTION DETAIL

SINGLE SLOPE CONCRETE BARRIER TO NEW SINGLE SLOPE CONCRETE BARRIER



SECTION P - P



BARRIER REMOVAL AND REPLACEMENT

RETROFIT OR REPAIR SINGLE SLOPE CONCRETE BARRIER

CONCRETE BARRIER SINGLE SLOPE (CBSS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2022
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

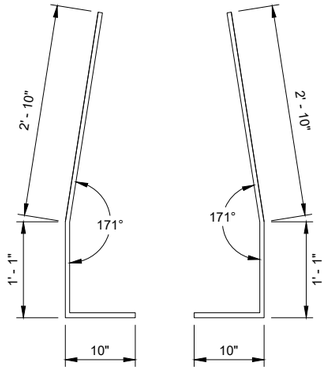
FHWA

6

SDD 14B32 - 10h

6

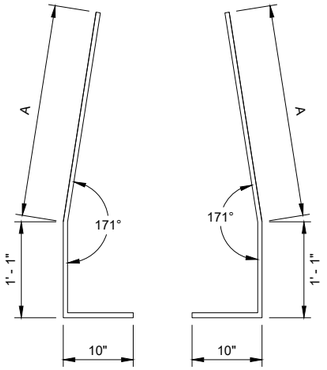
SDD 14B32 - 10h



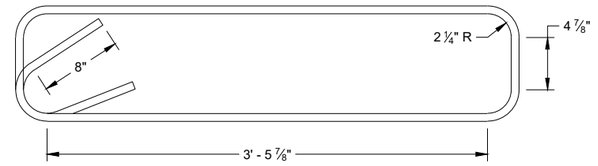
BAR BENDING DETAIL
SECTIONS V1- V6

BAR CHART
BAR POSITIONS
7 - 11

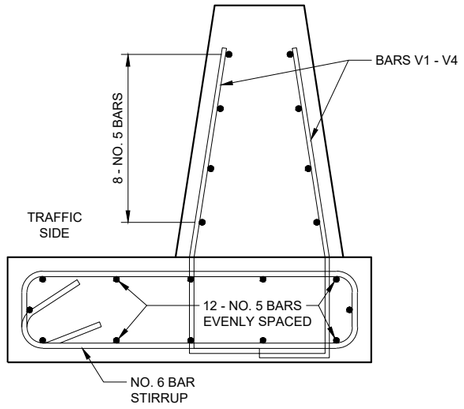
BAR	A
V7	2' - 10 ¼"
V8	2' - 9 ¾"
V9	2' - 9 ¼"
V10	2' - 9"
V11	2' - 8 ½"



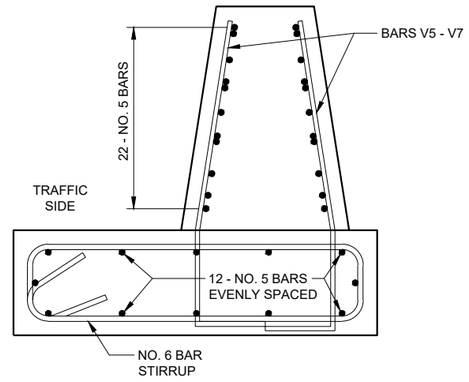
BAR BENDING DETAIL
SECTIONS V7- V11



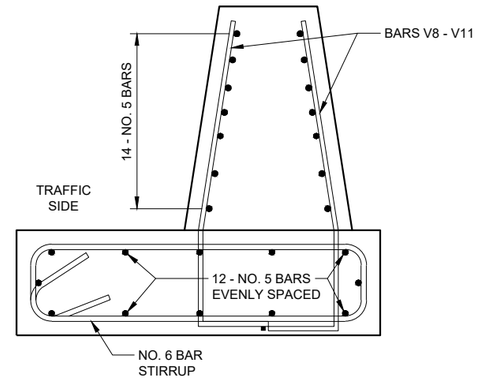
STIRRUP BAR
BENDING DETAIL



BAR DETAIL
SECTIONS 1 - 4



BAR DETAIL
SECTIONS 5 - 7



BAR DETAIL
SECTIONS 8 - 11

6

SDD 14B33 - 02e

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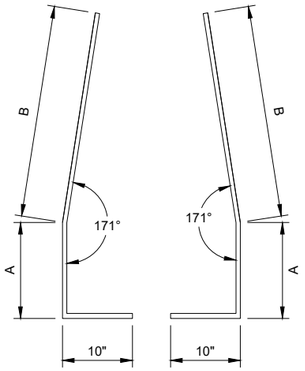
SDD 14B33 - 02e

CONCRETE BARRIER
SINGLE SLOPE 36"
THRIE BEAM ANCHOR

BAR CHART
BAR POSITIONS
12 - 13

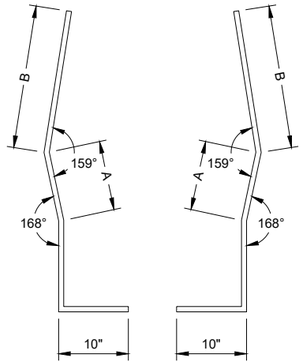
BAR	A	B
V12	1' - 3"	2' - 6"
V13	1' - 8"	2' - 1 ½"



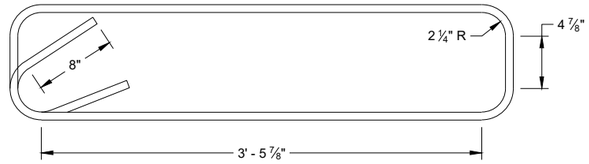
BAR BENDING DETAIL
SECTIONS V12 - V13

BAR CHART
BAR POSITIONS
14 - 16

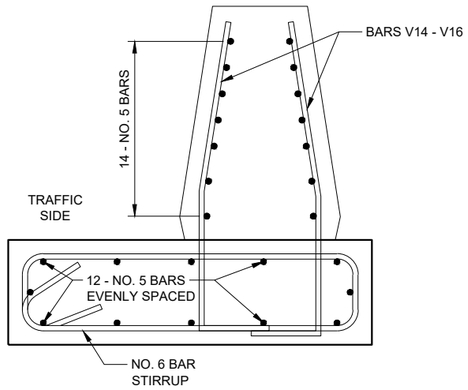
BAR	A	B
V14	6"	2' - 1"
V15	8"	1' - 11"
V16	10"	1' - 8 ½"



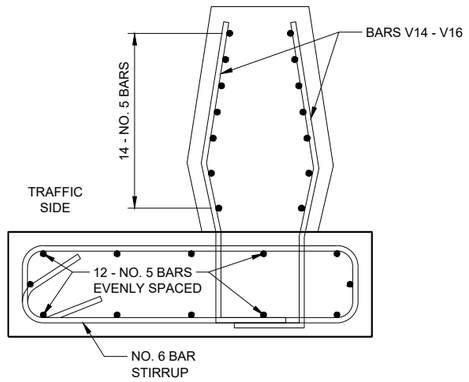
BAR BENDING DETAIL
SECTIONS V14 - V16



STIRRUP BAR
BENDING DETAIL



BAR DETAIL
SECTIONS 12 - 13



BAR DETAIL
SECTIONS 14 - 16

CONCRETE BARRIER
SINGLE SLOPE 36"
THRIE BEAM ANCHOR

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

February 2020
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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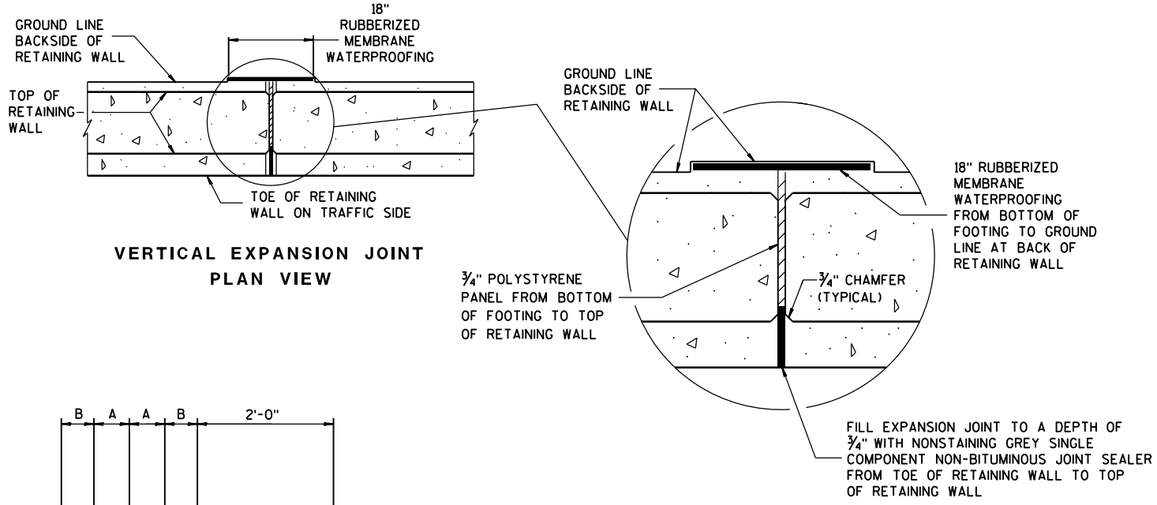
SDD 14B33 - 02f

SDD 14B33 - 02f



VERTICAL EXPANSION JOINT
PLAN VIEW

DELINEATION

GENERAL NOTES

PROVIDE EXPANSION JOINTS WHERE THERE ARE EXISTING EXPANSION JOINTS OR AT THE END OF EACH POUR.

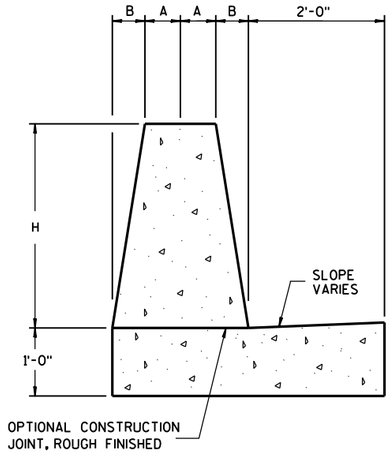
NO HORIZONTAL STEEL CROSSES EXPANSION JOINTS.

CONSTRUCT PER STANDARD SPECIFICATION 603. SPLICES OF LONGITUDINAL BARS TO BE 2' LONG AND FIRMLY TIED AND FASETENED TOGETHER UNLESS NOTED OTHERWISES.

4000 PSI CONCRETE AIR ENTRAINMENT PER STANDARD SPECIFICATIONS 501.

USE ¾" BEVEL OR 1" RADIUS ON ALL EXPOSED SHARP EDGES UNLESS NOTED OTHERWISE.

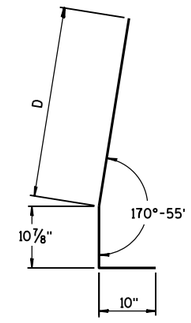
ALL STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR.



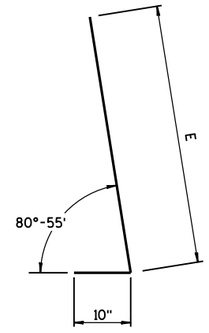
ROADSIDE RETAINING WALL

BARRIER WALL DIMENSIONS

BARRIER HEIGHT H INCHES	A INCHES	B INCHES	NUMBER OF NO. 5 BARS EACH
32	7	5	8
36	6¼	5¾	8
42	5¼	6¾	10
56	3	9	11



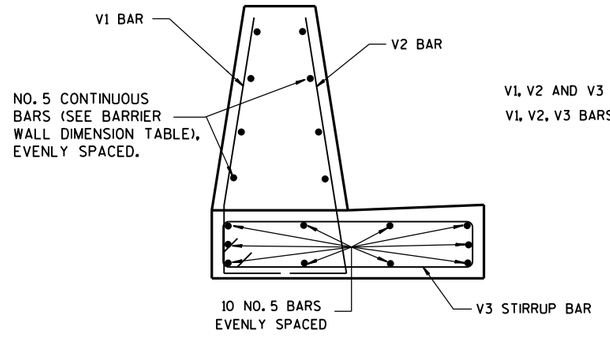
V1 BAR
BENDING DETAIL



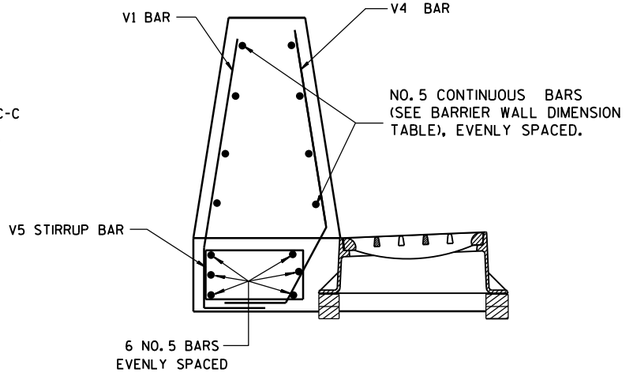
V2 BAR
BENDING DETAIL

BAR CHART
ROADSIDE RETAINING WALL

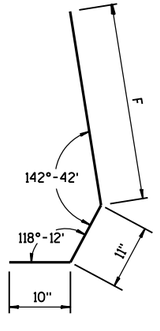
BARRIER HEIGHT	V1 BAR D	V2 BAR E	V4 BAR F
32"	2'-5½"	3'-4½"	2'-6½"
36"	2'-9½"	3'-9¾"	2'-10¾"
42"	3'-3½"	4'-2½"	3'-4¾"
56"	4'-5¾"	5'-4¾"	4'-6¾"



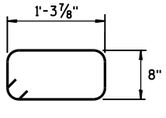
ROADSIDE RETAINING WALL
NORMAL BAR PLACEMENT



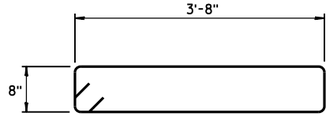
ROADSIDE RETAINING WALL
BAR PLACEMENT NEAR
INLET



V4 BAR
BENDING DETAIL



V5 STIRRUP BAR
BENDING DETAIL



V3 STIRRUP BAR
BENDING DETAIL

SINGLE SLOPE
ROADSIDE RETAINING WALL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 14 B 41-3a

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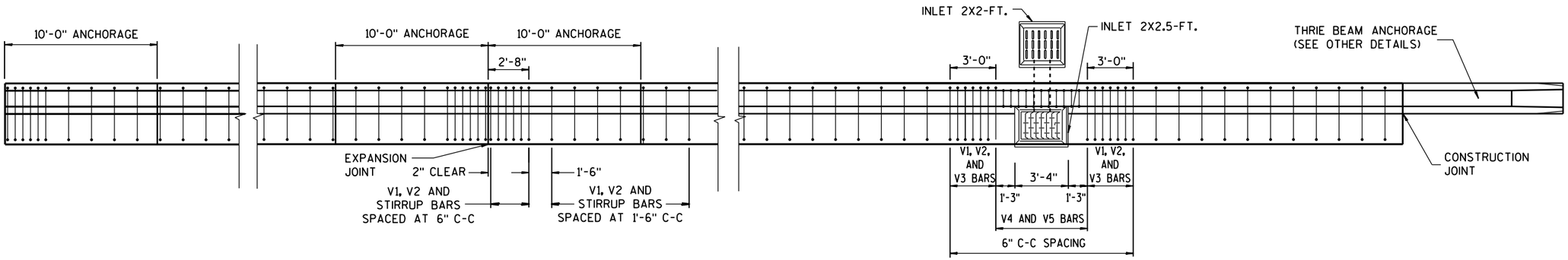
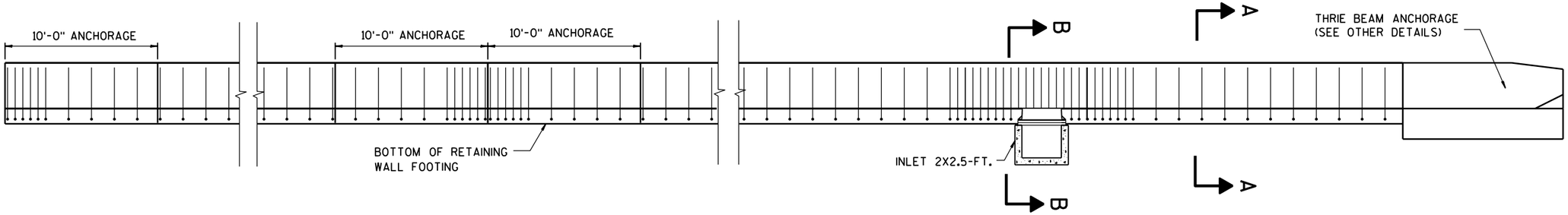
S.D.D. 14 B 41-3a



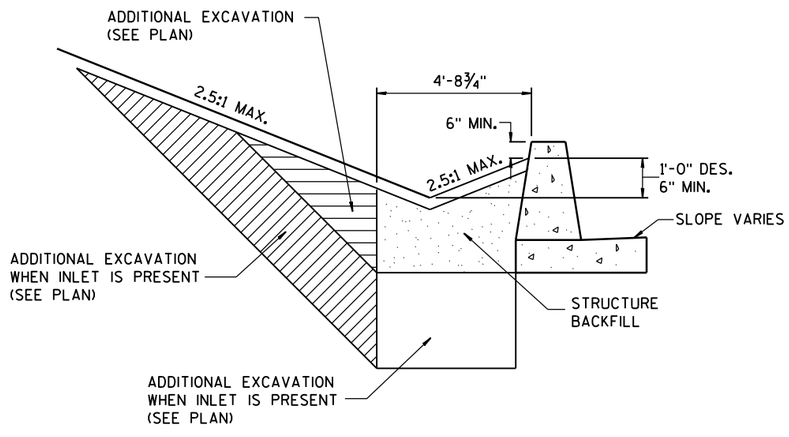
PLAN VIEW

NOTE: HORIZONTAL BARS ARE NOT SHOWN. SEE OTHER DETAILS FOR HORIZONTAL BARS.

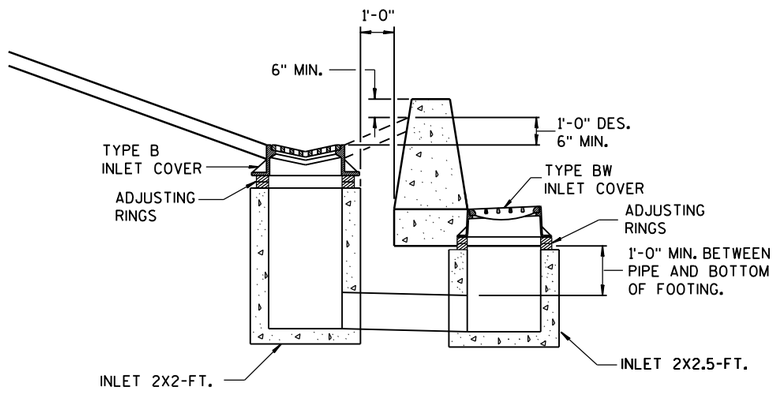


ELEVATION VIEW

NOTE: HORIZONTAL BARS ARE NOT SHOWN. SEE OTHER DETAILS FOR HORIZONTAL BARS.

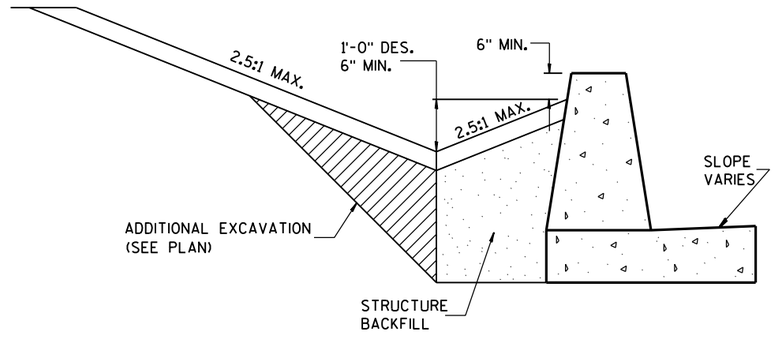


SECTION A-A



SECTION B-B

MINIMUM DESIGN OF EARTH WORK FOR INLET



MINIMUM DESIGN OF EARTH WORK

SINGLE SLOPE ROADSIDE RETAINING WALL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS UNIT SUPERV...

FHWA

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S.D.D. 14 B 41-3b

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S.D.D. 14 B 41-3b

(1) WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

(2) USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

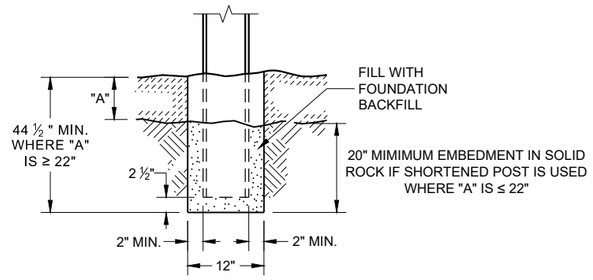
(3) IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2 1/2" INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

(4) WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

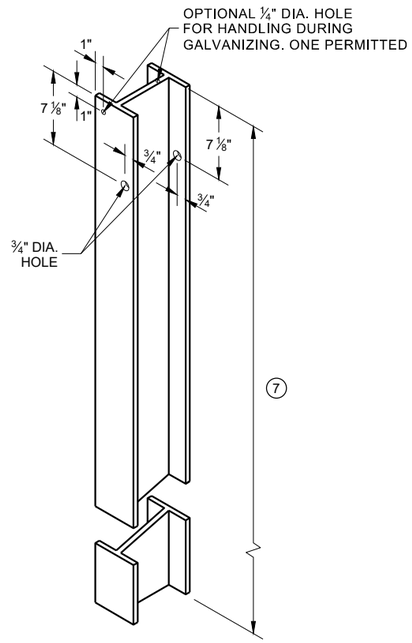
(5) FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ±1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 ¾" TO 32".

(6) WHEN USING STEEL POST AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

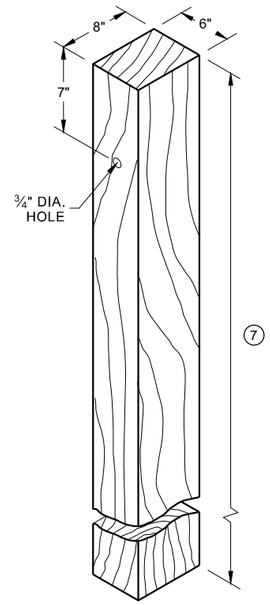
(7) TOTAL POST LENGTH FOR TYPE K IS 7' - 0".
TOTAL POST LENGTH FOR OTHER MGS TYPES IS 6' - 0".



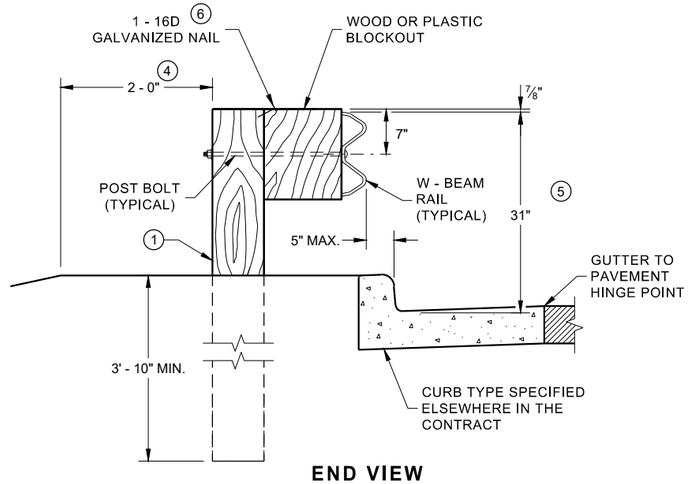
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (3)



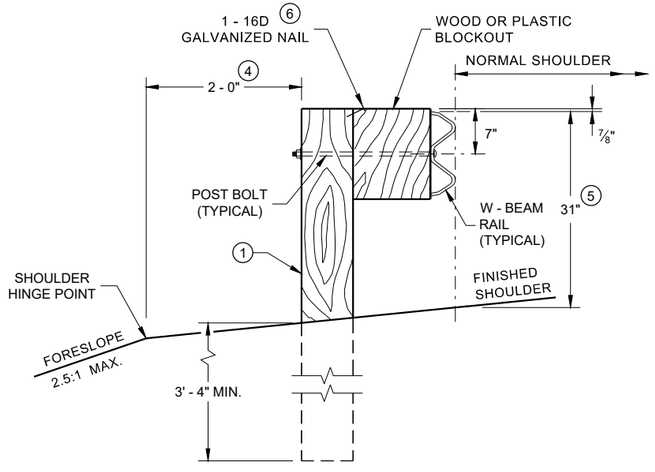
STEEL POST & HOLE PUNCHING DETAIL (W 6 X 9) (1)



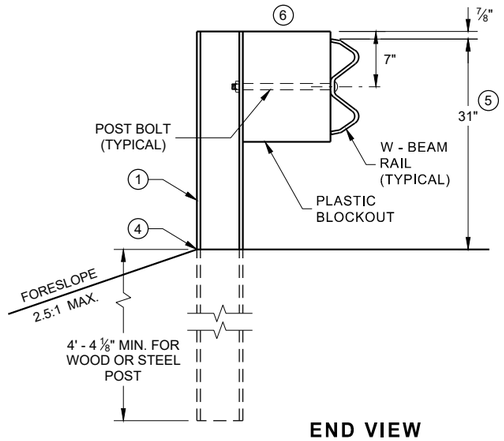
WOOD POST (6" X 8") NOMINAL (1)



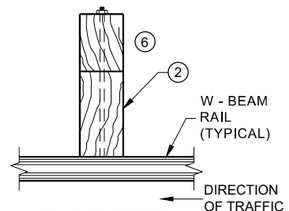
END VIEW
LOCATED ALONG A CURBED ROADWAY



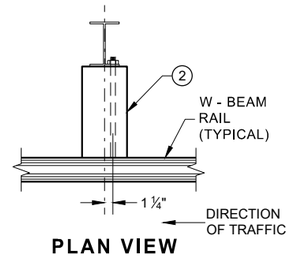
END VIEW
LOCATED ALONG A ROADWAY SHOULDER STANDARD INSTALLATION



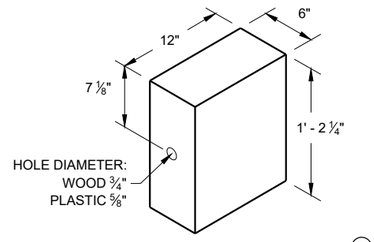
END VIEW
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



PLAN VIEW
WOOD POST, BLOCKOUT & BEAM



PLAN VIEW
STEEL POST, PLASTIC BLOCKOUT & BEAM



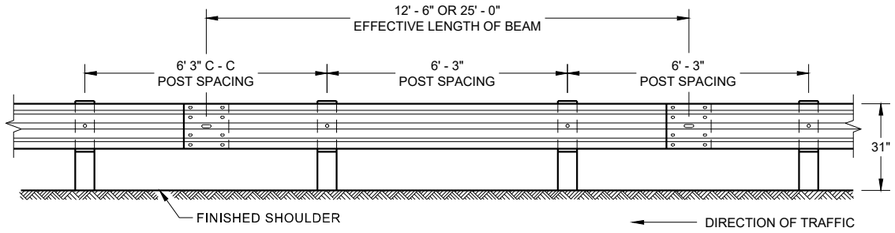
WOOD OR PLASTIC BLOCKOUT (2)

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

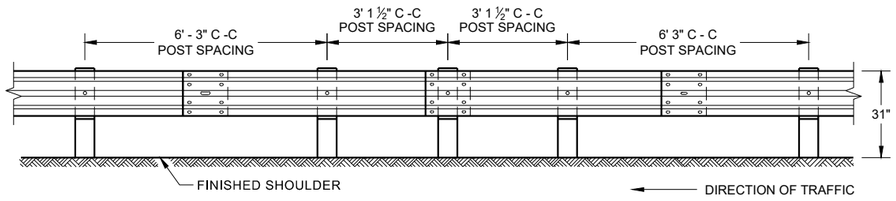
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B42 - 07a

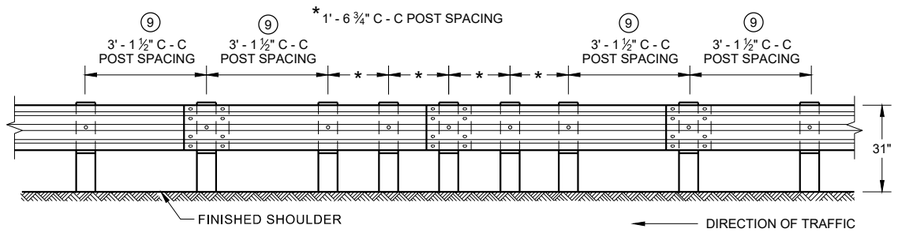
SDD 14B42 - 07a



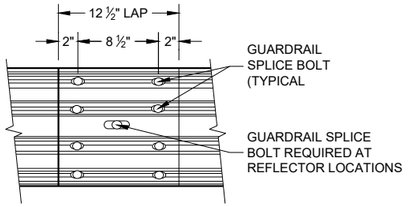
FRONT VIEW
POST SPACING STANDARD INSTALLATION



FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)



FRONT VIEW
QUARTER POST SPACING (QS)



FRONT VIEW
MID-SPAN BEAM SPLICE

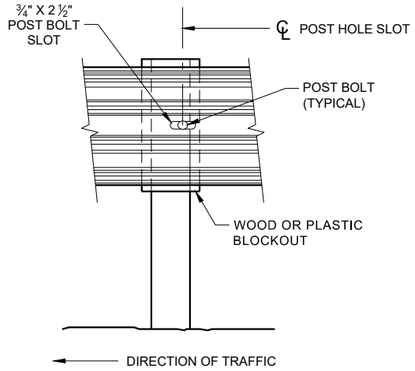
GENERAL NOTES

⑧ DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

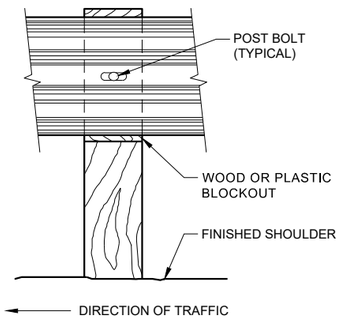
⑨ 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

POST BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND ⅝" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

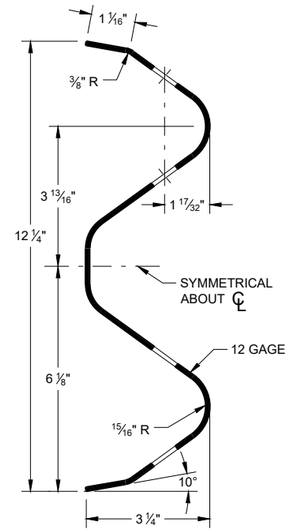
GUARD RAIL SPLICE BOLTS ARE A ⅝" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES ⅝" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



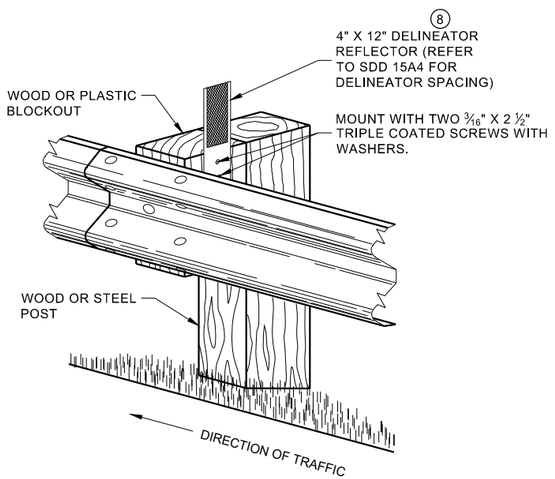
FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



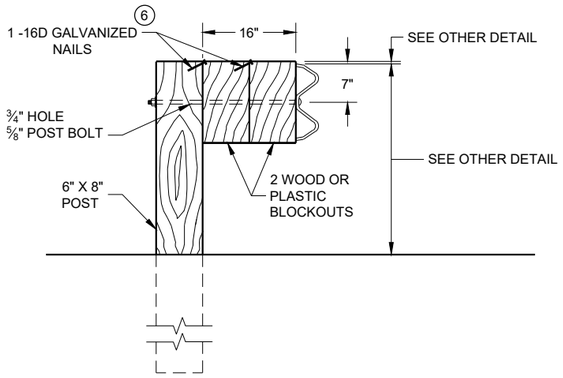
SECTION THRU W-BEAM RAIL



ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

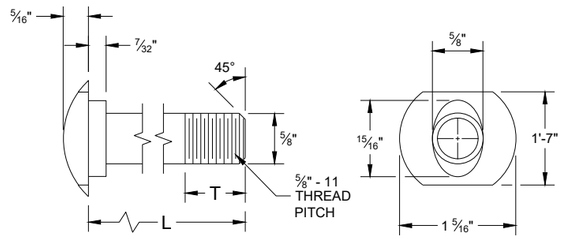


DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

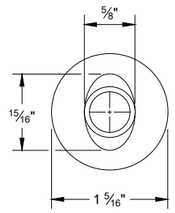
NOTE:

1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 3⁄16".
2. IF THE BOLT EXTENDS MORE THAN ¼" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

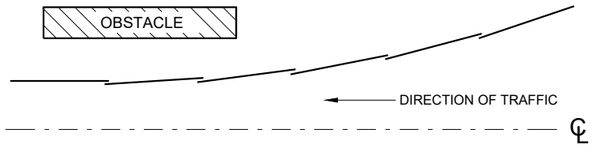


POST BOLT TABLE

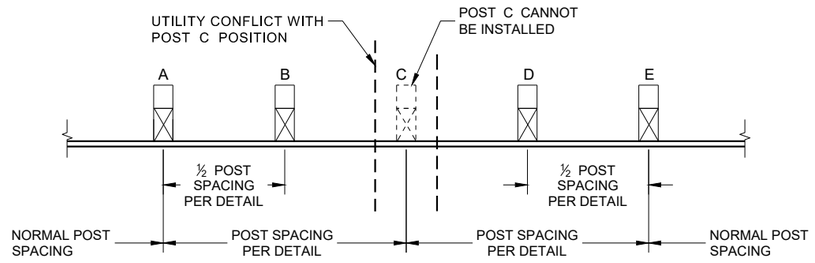
L	T (MIN.)
1 ¼"	1 ⅛"
2"	1 ¾"
10"	4"
14"	4 1⁄16"
18"	4"
21"	4 1⁄16"
25"	4"



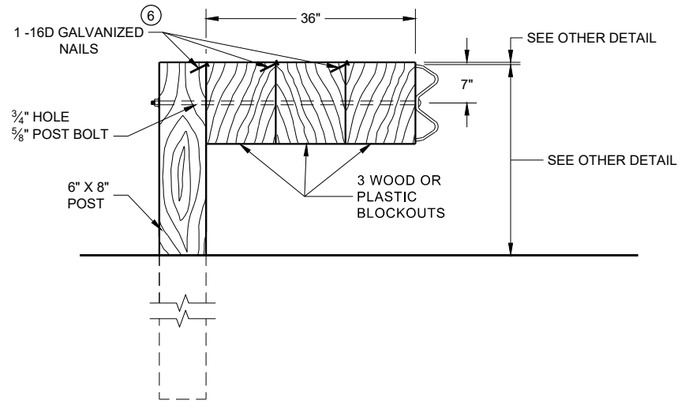
ALTERNATE BOLT HEAD



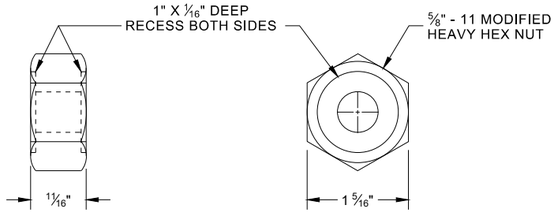
PLAN VIEW
BEAM LAPPING DETAIL



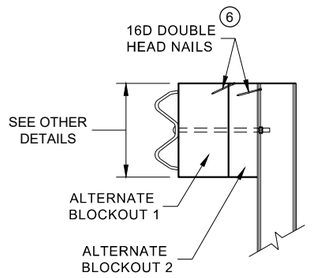
POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



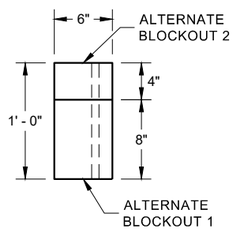
DETAIL FOR 36" BLOCKOUT DEPTH



POST BOLT, SPLICE BOLT AND RECESS NUT



SIDE VIEW



PLAN VIEW

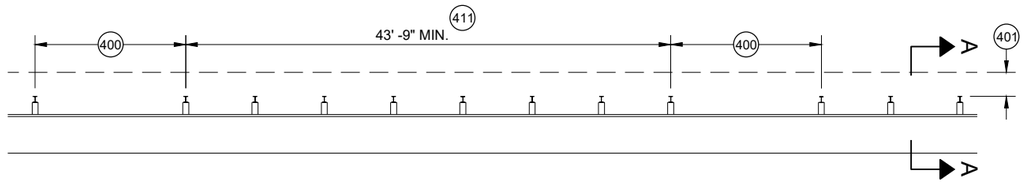
ALTERNATE WOOD BLOCKOUT DETAIL

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

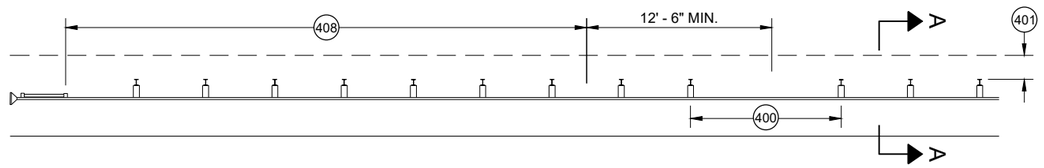
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

(6) WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

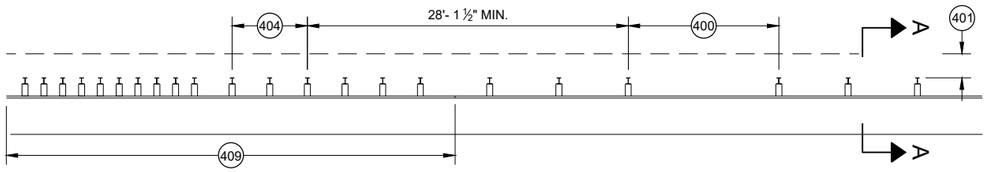
MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL



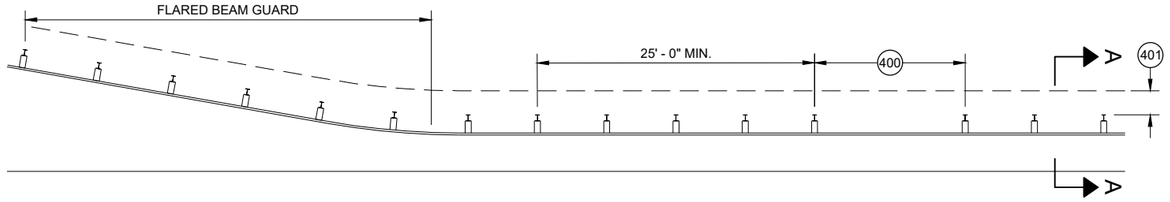
MISSING POST IN MGS GUARDRAIL



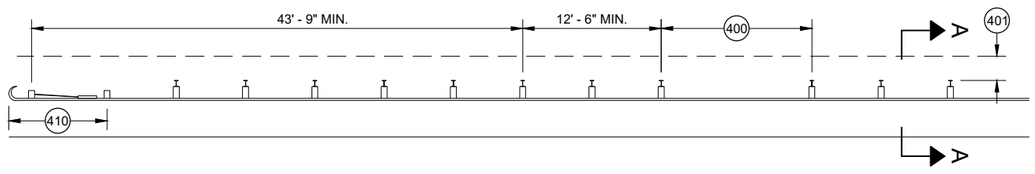
MISSING POST IN MGS GUARDRAIL NEAR EAT



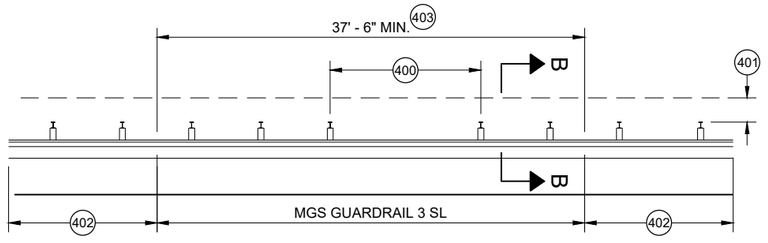
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

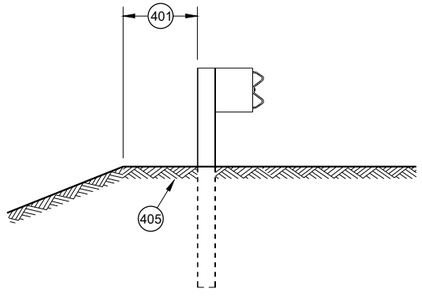


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

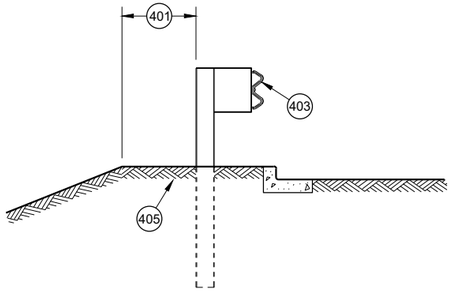


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL) 407

(400) MAX SPAN 12' - 6"
(401) 2' MIN.
(402) MGS GUARDRAIL 3
(403) NESTING BEAM GUARD
(404) ASYMMETRIC TRANSITION
(405) SOIL WELL DRAINED AND COMPACTED
(406) SEE OTHER DRAWINGS IN THIS SDD
(407) SEE OTHER DRAWINGS FOR MIN. SPACING BETWEEN SPANS
(408) SEE SDD 14B44
(409) SEE SDD 14B45
(410) SEE SDD 14B47
(411) MINIMUM DISTANCE BETWEEN MISSING POST SPANS.



SECTION A - A 406



SECTION B - B 406

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVE UNIT SUPERVISOR
FHWA

6

SDD 14B42 - 07d

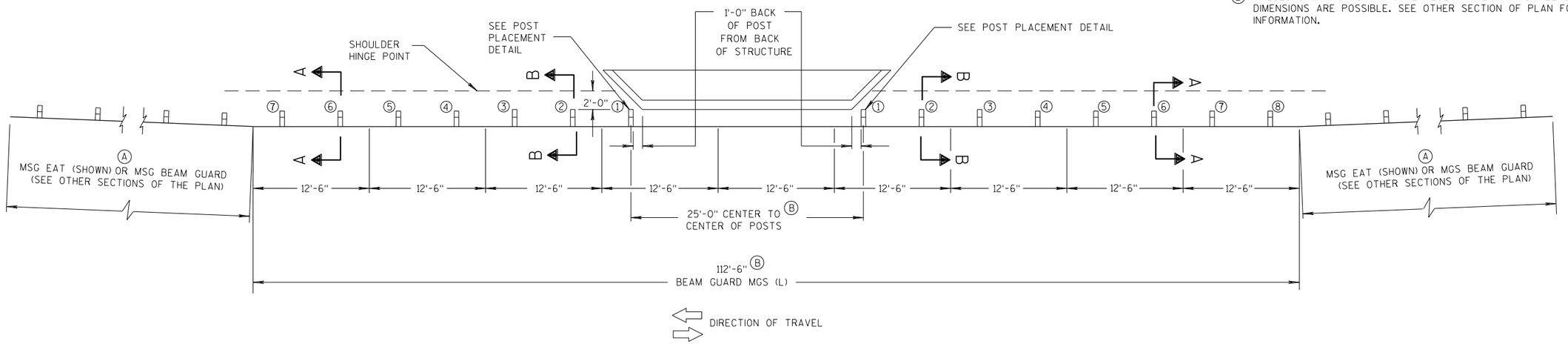
GENERAL NOTES

POSTS 1 THROUGH 3 ARE CRT POSTS.
ALL OTHER POSTS SHALL BE WOOD OR STEEL.

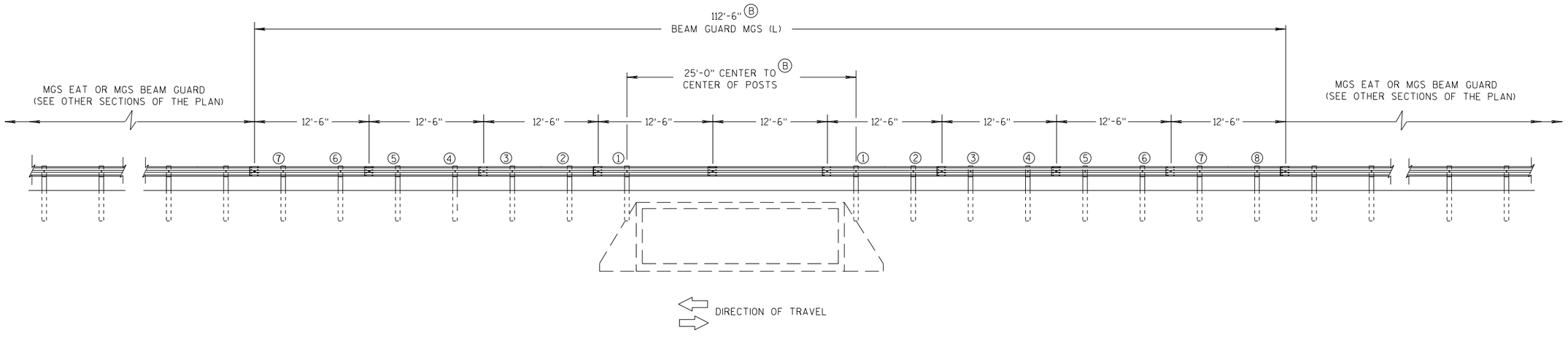
SEE SDD 14 B 42 FOR MORE DETAILS.

(A) FLARE FOR MGS EAT SHOWN. IF INSTALLING MGS NO FLARE NEEDED.

(B) VALUES SHOWN ON DRAWING REPRESENT THE MAXIMUM LENGTH. SHORTER DIMENSIONS ARE POSSIBLE. SEE OTHER SECTION OF PLAN FOR MORE INFORMATION.



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L) TWO-WAY TRAFFIC

MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 14 B 43-4a

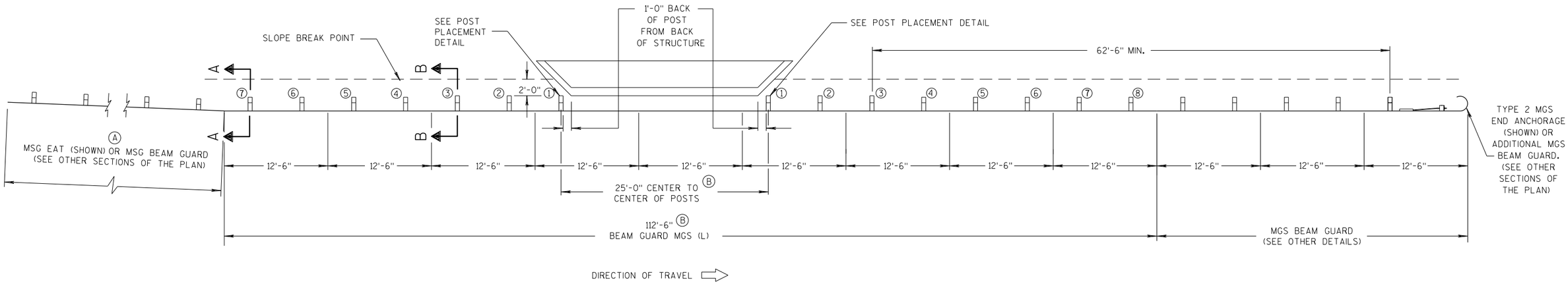
GENERAL NOTES

POSTS 1 THROUGH 3 ARE CRT POSTS.
ALL OTHER POSTS SHALL BE WOOD OR STEEL.

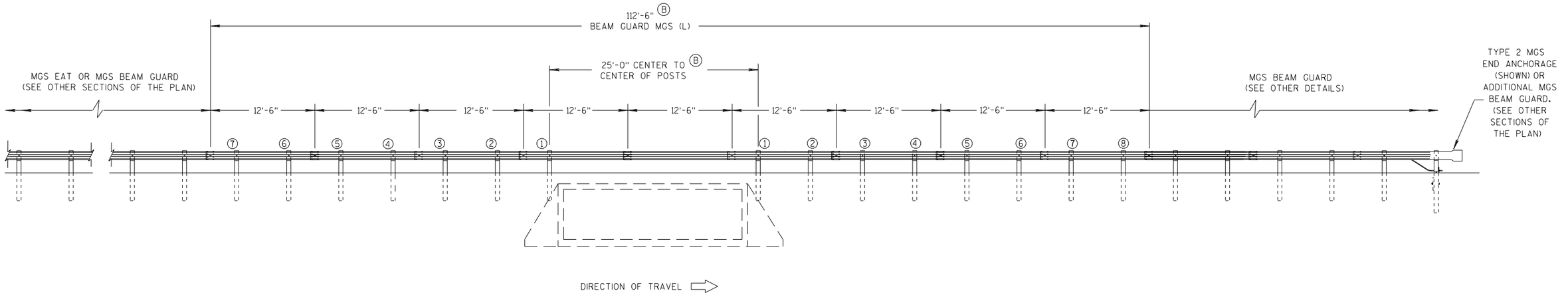
SEE SDD 14 B 42 FOR MORE DETAILS.

(A) FLARE FOR MGS EAT SHOWN. IF INSTALLING MGS NO FLARE NEEDED.

(B) VALUES SHOWN ON DRAWING REPRESENT THE MAXIMUM LENGTH. SHORTER DIMENSIONS ARE POSSIBLE. SEE OTHER SECTION OF PLAN FOR MORE INFORMATION.



PLAN VIEW



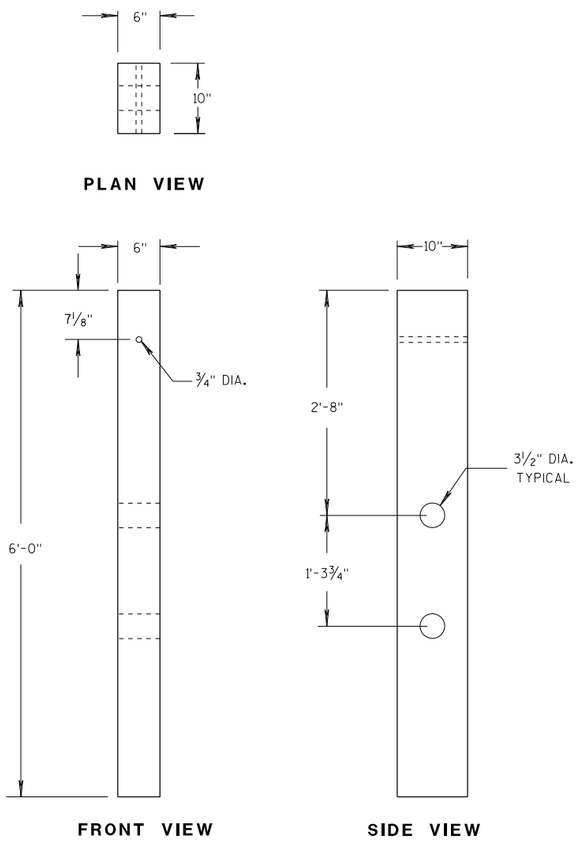
ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L) ONE-WAY TRAFFIC

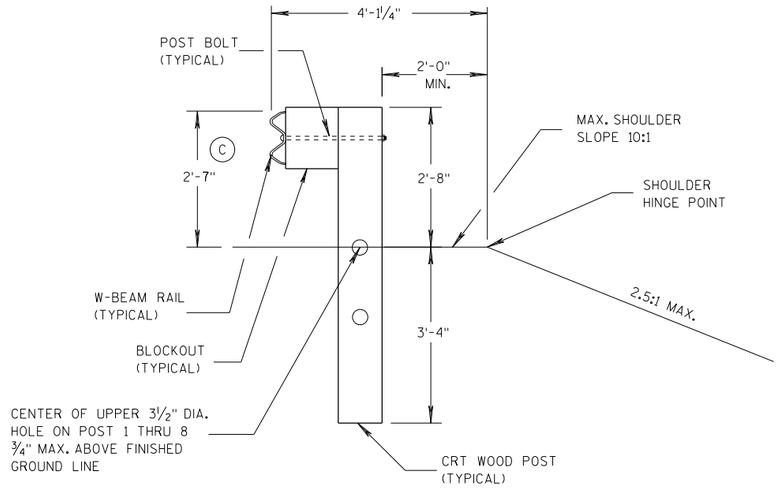
MIDWEST GUARDRAIL SYSTEM LONG SPAN MGS (L)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	338

6

S.D.D. 14 B 43-4b



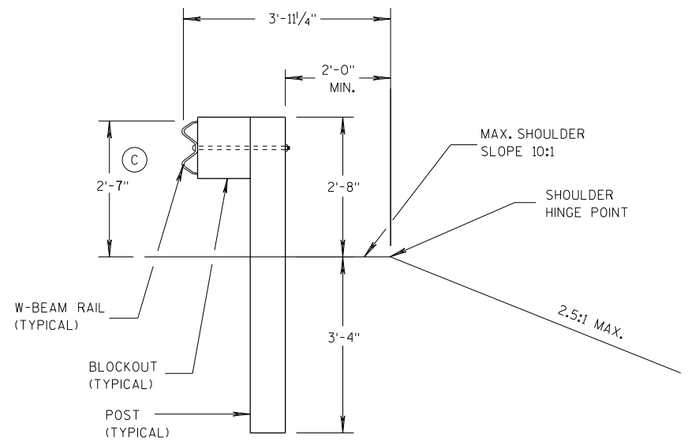
CRT WOOD POST



SECTION B-B

POSTS NO. 1-3

SEE OTHER DETAILS



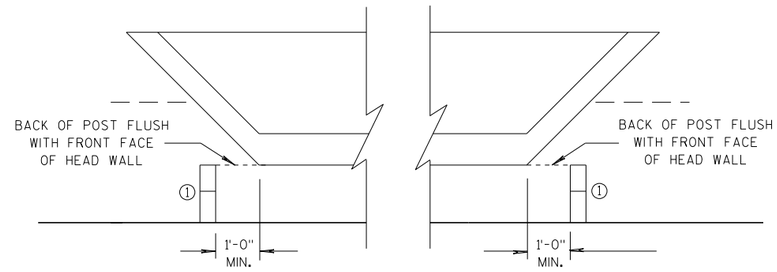
SECTION A-A

POSTS NO. 4-8

SEE OTHER DETAILS

GENERAL NOTES

(C) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".



POST PLACEMENT DETAIL

MIDWEST GUARDRAIL SYSTEM
LONG SPAN MGS (L)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018
DATE
FHWA

/S/ Rodney Taylor
ROADWAY STANDARDS D 339 NT
ENGINEER

6
S.D.D. 14 B 43-4c

GENERAL NOTES

(A) THE SLOPE IN THE AREA BOUNDED BY THE GRADELINE, THE HINGE POINT LINE (HPL) AND THE CLEAR ZONE LIMITS (CZL) SHALL BE 4:1 OR FLATTER.

(B) AFTER FINAL ASSEMBLY, RECHECK CABLE TO BE SURE IT IS TAUT AND HAS NOT RELAXED

(C) DIFFERENT MANUFACTURERS REQUIRE DIFFERENT PERFORATED W - BEAM RAIL END PANELS. SEE MANUFACTURER'S INFORMATION.

(D) ATTACH ALUMINUM SHEET TO E.A.T. HEAD USING 4 STAINLESS STEEL SELF - TAPPING SCREWS. ONE SCREW PER CORNER.

(E) HARDWARE MAY VARY BETWEEN MANUFACTURER. SEE MANUFACTURER'S DRAWING FOR INFORMATION.

DIMENSIONS MAY VARY, MANUFACTURER'S INFORMATION.

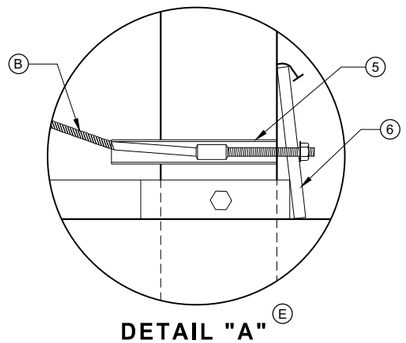
SEE SDD 14B42 FOR MORE INFORMATION.

* DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.

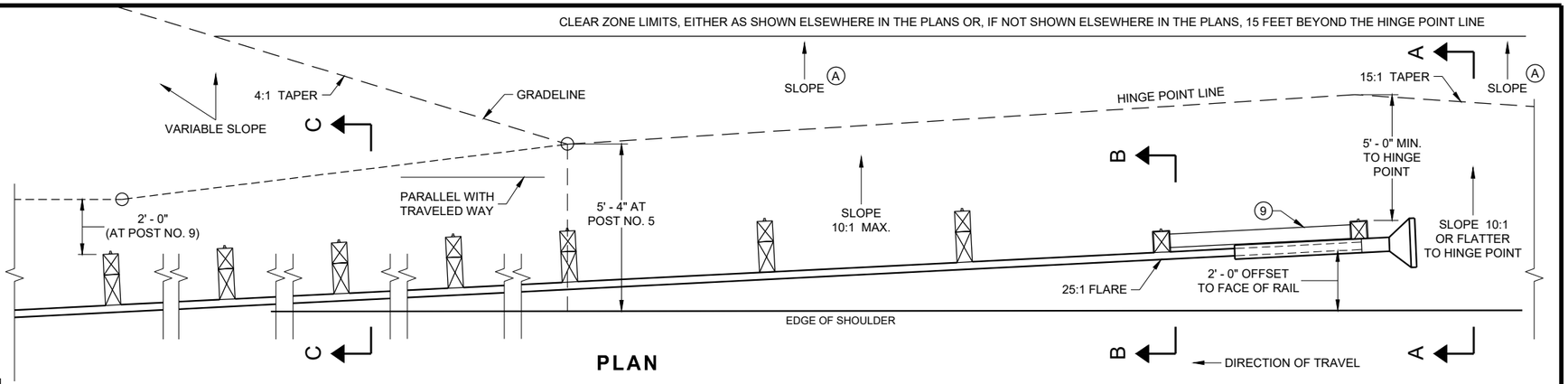
DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

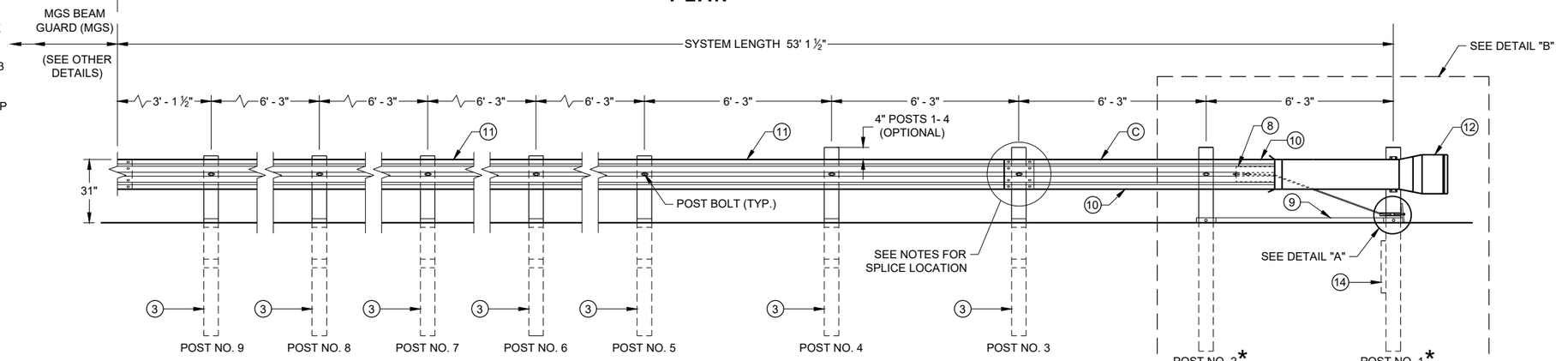
THE CENTER OF THE UPPER 3 ½" DIAMETER HOLE ON POST NUMBER 3 THROUGH POST 9 IS TO BE FLUSH WITH THE GROUND LINE UP TO A MAXIMUM OF 2" ABOVE GROUND LINE. WOOD BLOCKS ON POSTS NUMBERED 3 THROUGH 9 MAY BE ADJUSTED UP TO 3" ABOVE THE TOP OF POST.



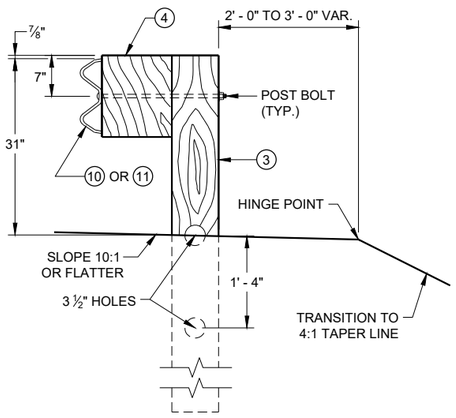
DETAIL "A" (E)



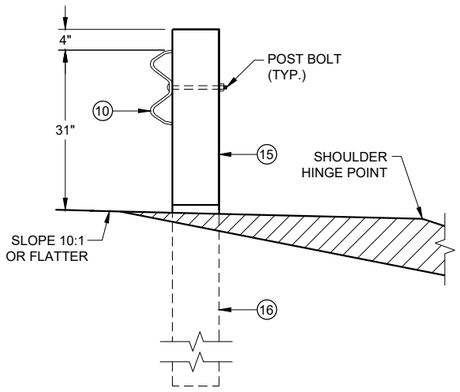
PLAN



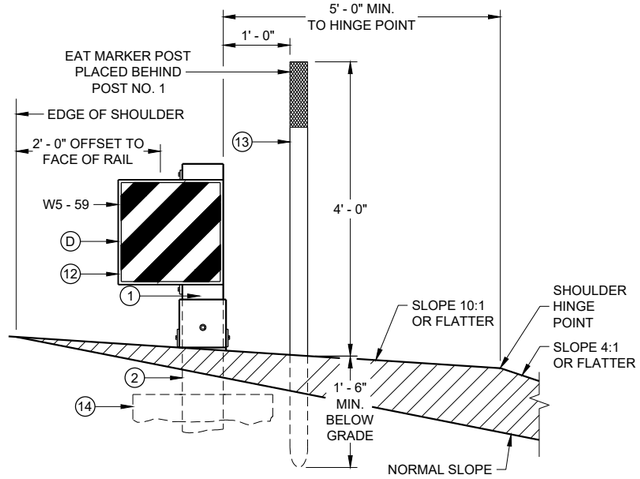
ELEVATION



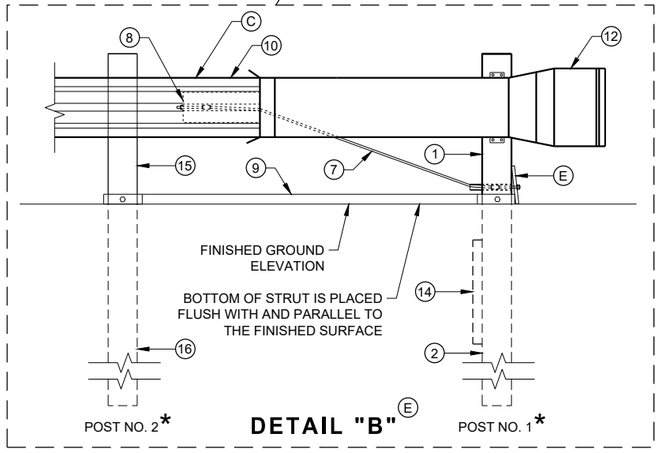
SECTION C - C
TYPICAL AT POST NOS. 3 - 9



SECTION B - B
TYPICAL AT POST NO. 2*



SECTION A - A
TYPICAL AT POST NO. 1*



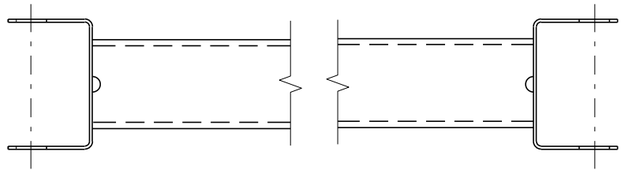
DETAIL "B" (E)

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 14B44 - 04a

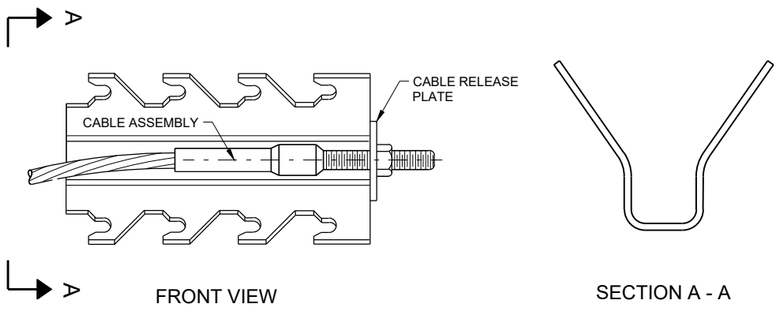
SDD 14B44 - 04a



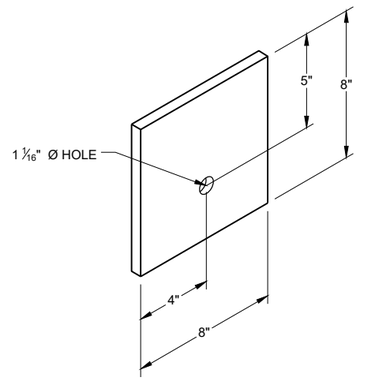
GENERIC GROUND STRUT ⑨ Ⓔ

BILL OF MATERIALS

PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUGACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED W-BEAM RAIL END PANEL, 12'-6" LONG.
⑪	STANDARD W-BEAM RAIL. MULTIPLE SECTIONS REQUIRED. SECTIONS VARY IN LENGTH.
⑫	IMPACT HEAD
⑬	EAT MARKER POST - YELLOW (SEE APPROVED PRODUCTS LIST)
⑭	SOIL PLATE
⑮	UPPER POST NO. 2
⑯	LOWER POST NO. 2



GENERIC ANCHOR CABLE BOX ⑨ Ⓔ



BEARING PLATE ⑥ Ⓔ

6

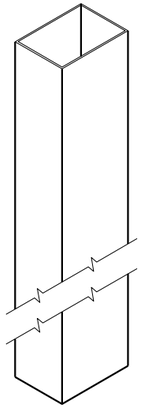
6

SDD 14B44 - 04b

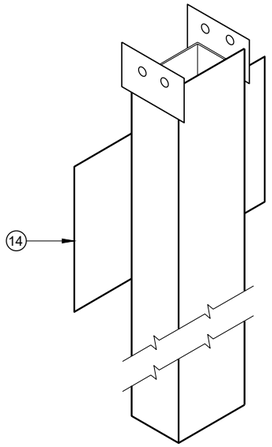
SDD 14B44 - 04b

MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)

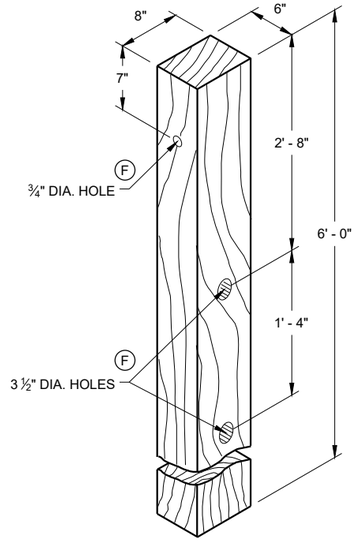
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



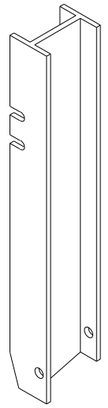
UPPER POST NO. 1 (1) (E)



LOWER POST NO. 1 (2) (E)



WOOD CRT POST (3) (E)
POSTS NUMBER 3-9



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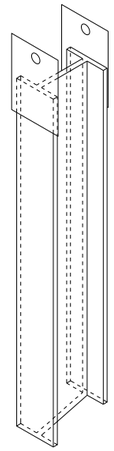

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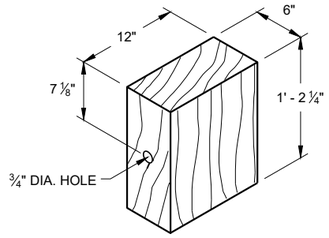
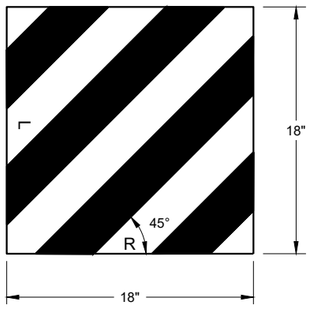
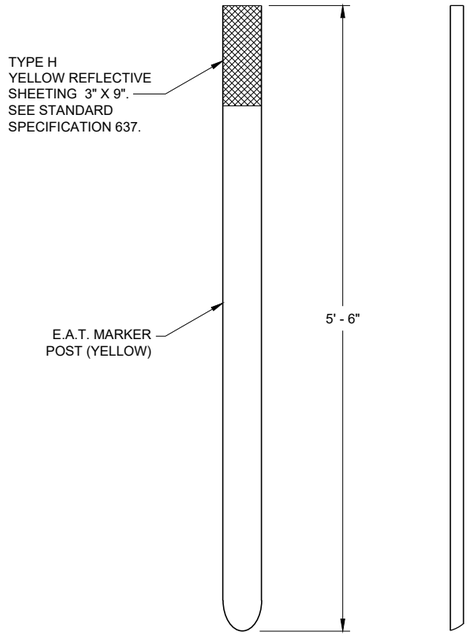


WOOD BLOCKOUT (4)
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



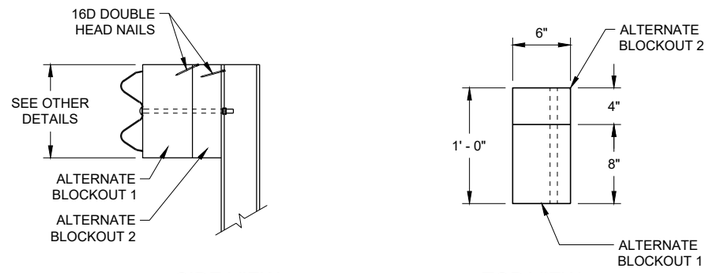
W5 - 59

REFLECTIVE SHEETING DETAIL (E)



FRONT VIEW SIDE VIEW

E.A.T. MARKER POST (13)



SIDE VIEW TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM ENERGY ABSORBING TERMINAL (MGS)

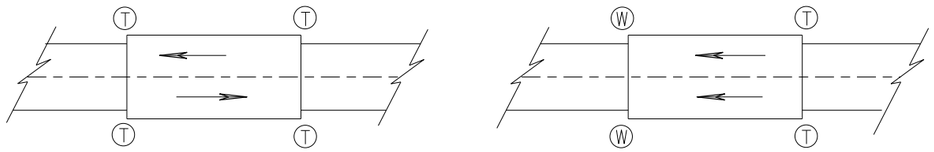
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA

6

SDD 14B44 - 04c



TWO WAY TRAFFIC

ONE WAY TRAFFIC

(T) THRIE BEAM CONNECTION

(W) W-BEAM CONNECTION WHEN REQUIRED

TYPICAL LOCATIONS OF THRIE BEAM AND W-BEAM CONNECTIONS TO BRIDGE

GENERAL NOTES

IF ROCK IS ENCOUNTERED, REMOVE ROCK TO FULL DEPTH OF POST PLUS 2½", AND 12" DIAMETER AROUND POST. SEE 14B42 FOR MORE DETAILS.

TRANSITION USES STEEL POSTS ONLY.

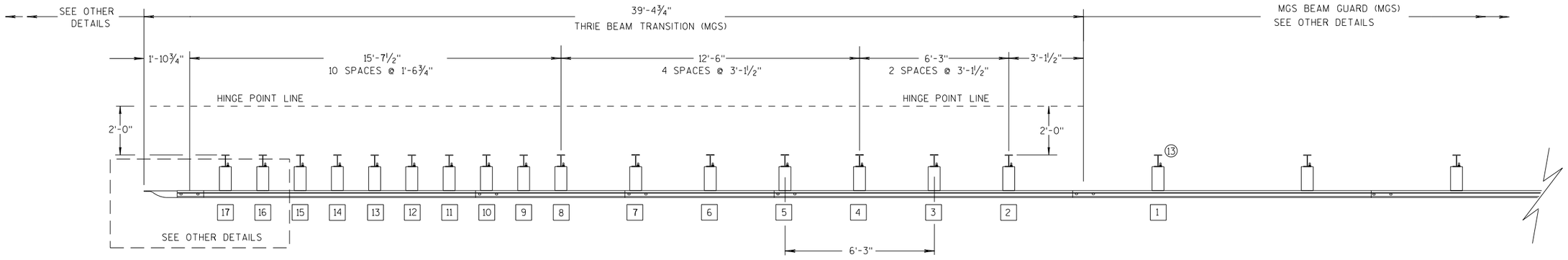
SEE STANDARD DETAIL DRAWING 14 B 42 FOR MORE INFORMATION.

POST 2 THROUGH 17 USES STEEL POST ONLY

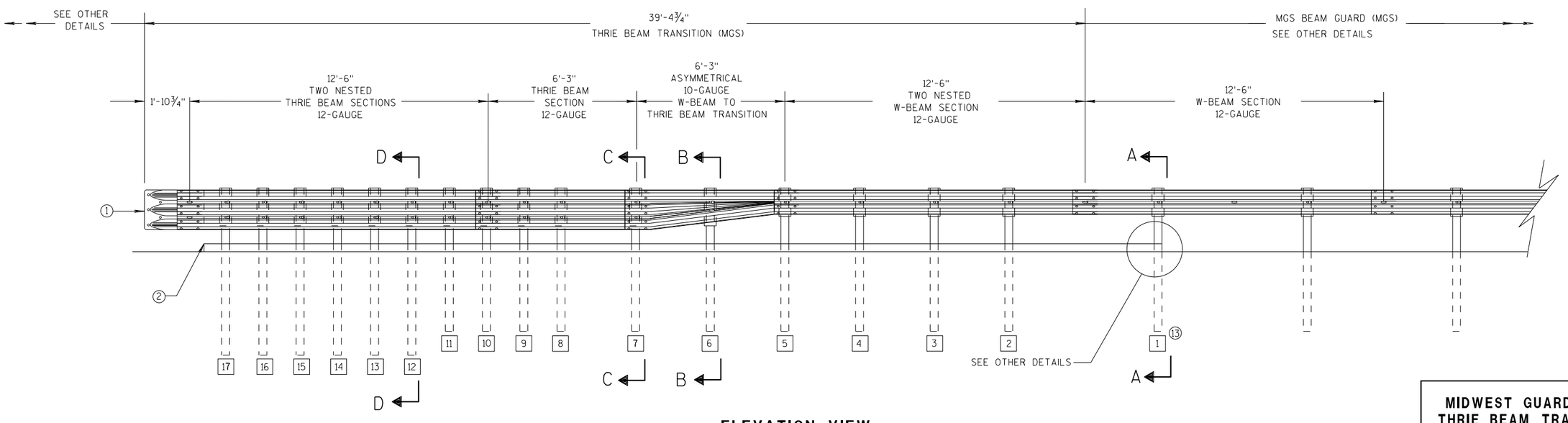
(1) BRIDGE RAILING TYPE "W" DOES NOT REQUIRE A TERMINAL CONNECTOR.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD14B42



PLAN VIEW



ELEVATION VIEW

MIDWEST GUARDRAIL SYSTEM THRIE BEAM TRANSITION

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 14 B 45-5a

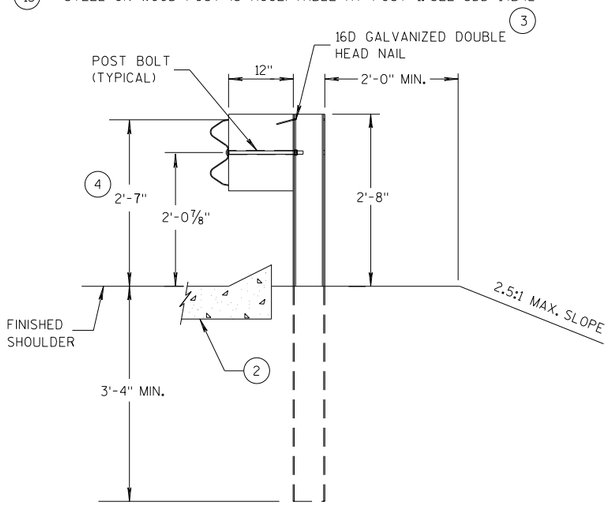
GENERAL NOTES

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 10D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

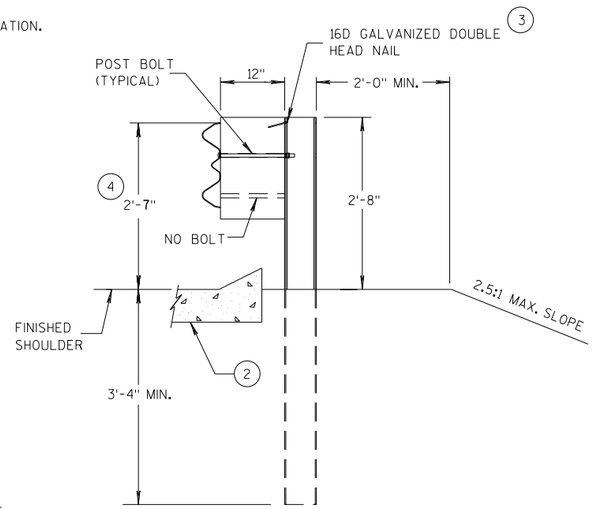
(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42



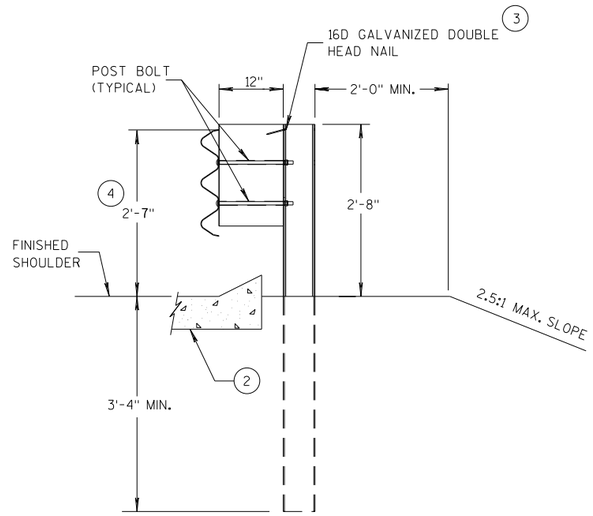
SECTION A-A (13)

POSTS 1-5



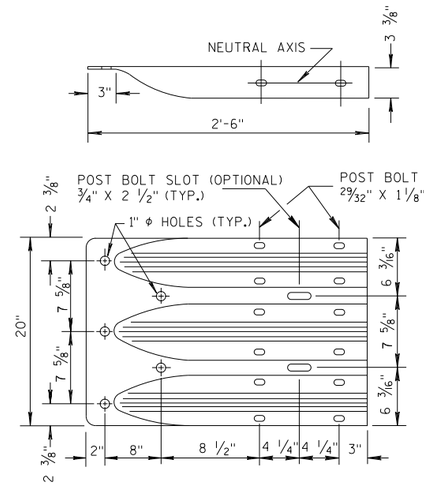
SECTION B-B

POST 6

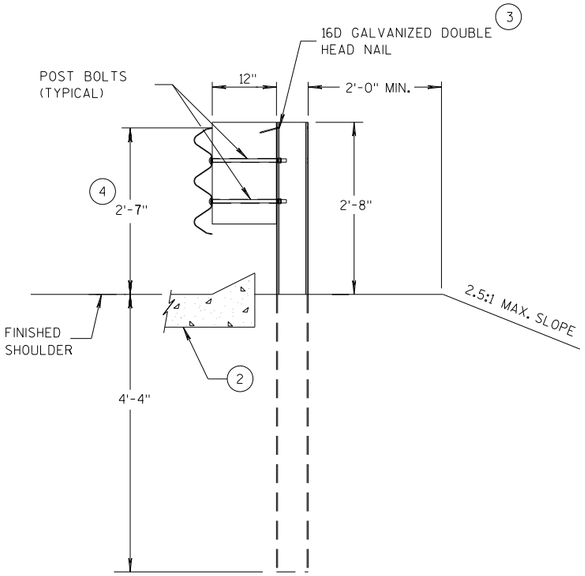


SECTION C-C

POSTS 7-11

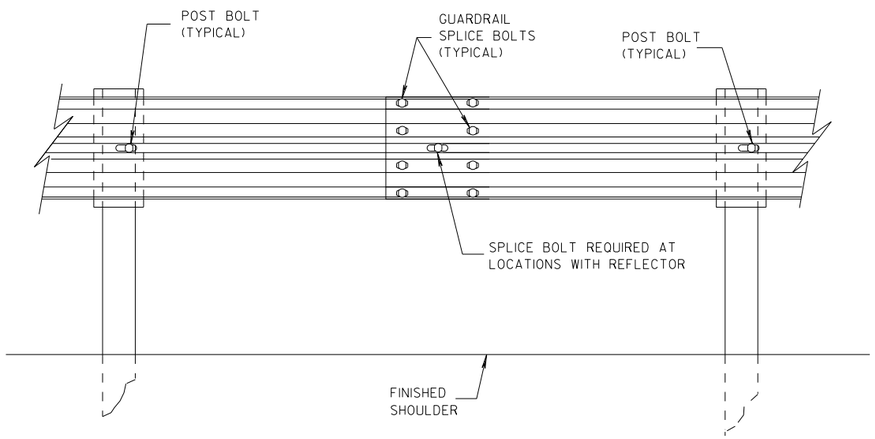


THRIE BEAM TERMINAL CONNECTOR



SECTION D-D

POSTS 12-17



SPLICE DETAIL

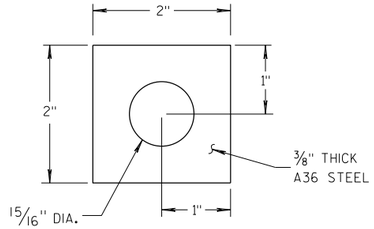
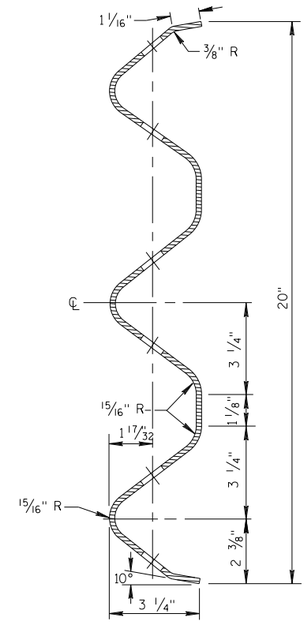


PLATE WASHER DETAIL



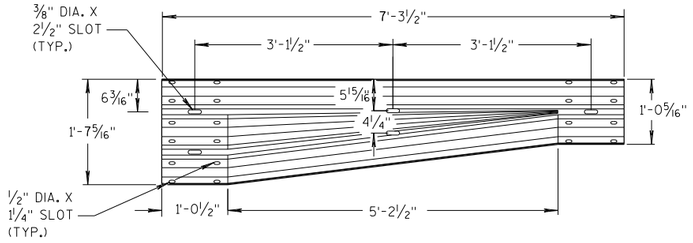
SECTION THRU THRIE BEAM RAIL ELEMENT

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

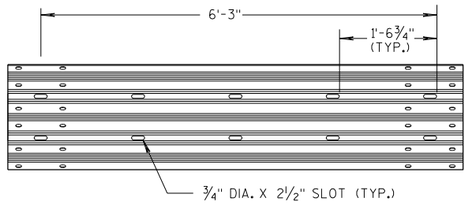
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORT

6

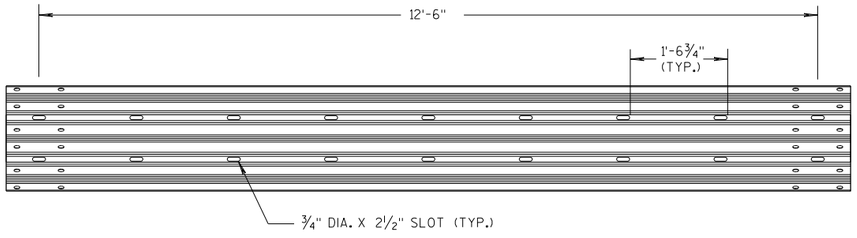
S.D.D. 14 B 45-5b



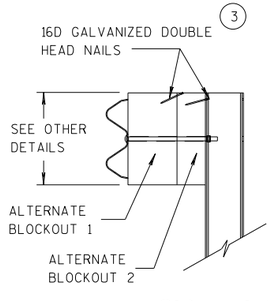
W-BEAM TO THRIE BEAM TRANSITION SECTION



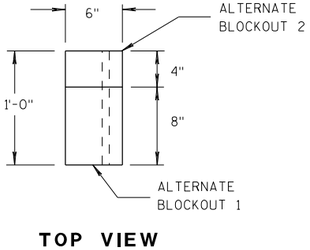
6'-3" THRIE BEAM SECTION



12'-6" THRIE BEAM SECTION

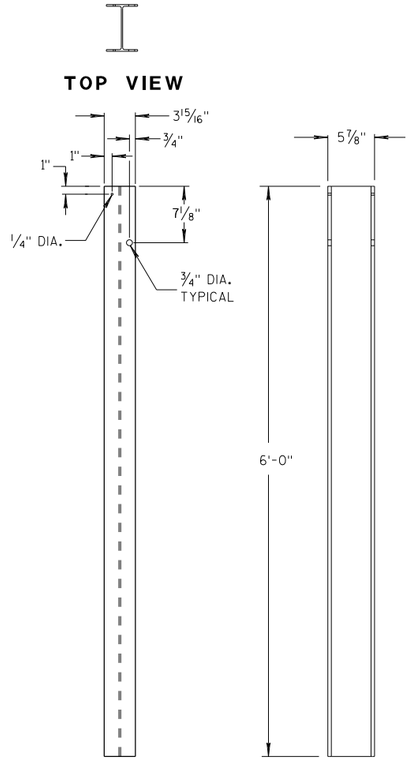


SIDE VIEW



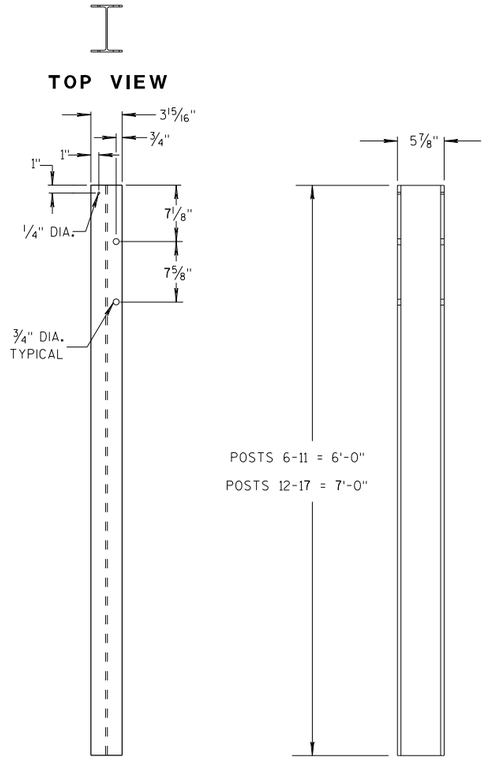
TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL



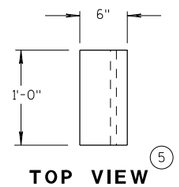
FRONT VIEW SIDE VIEW

STEEL POSTS 1-5 (13)

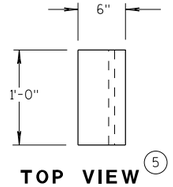


FRONT VIEW SIDE VIEW

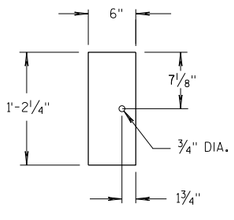
STEEL POSTS 6-17



TOP VIEW (5)

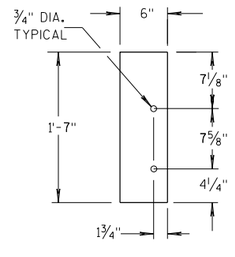


TOP VIEW (5)



FRONT VIEW

BLOCKOUT POSTS 1-5



FRONT VIEW

BLOCKOUT POSTS 6-17

GENERAL NOTES

STEEL POSTS ARE W6X9 OR W6X8.5.

BOLT HOLES FOR POST ARE ON FRONT AND OF SIDE OF POST.

(3) WHEN USING STEEL POSTS AND WOOD BLOCKOUTS INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.

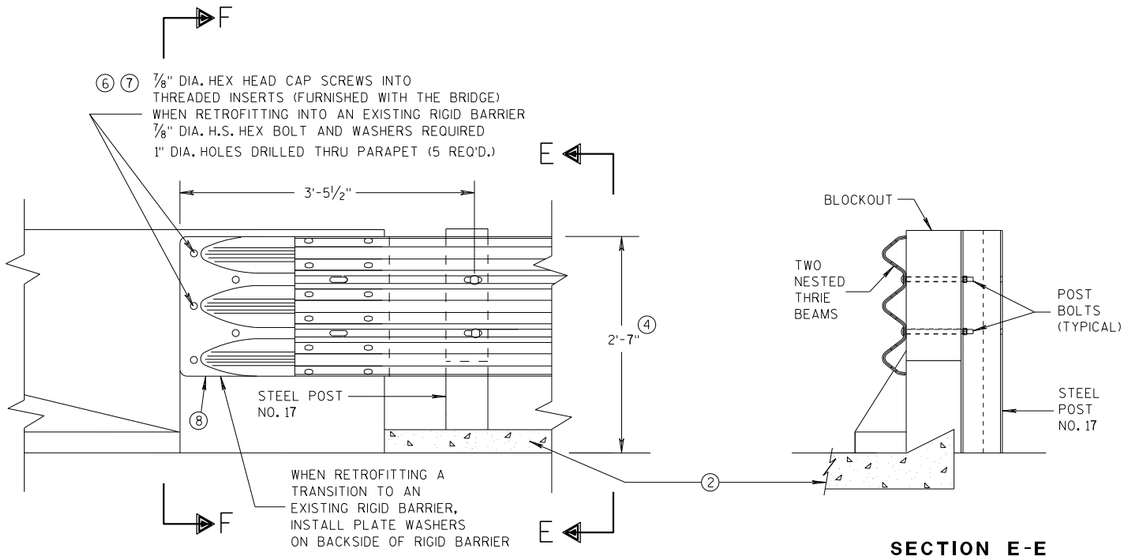
(5) WOOD BLOCKS MAY BE CONSTRUCTED OUT OF 2 WOOD BLOCKS. SEE ALTERNATE WOOD BLOCK DETAIL.

(13) STEEL OR WOOD POST IS ACCEPTABLE AT POST 1. SEE SDD 14B42.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR 345

6
S.D.D. 14 B 45-5c



FRONT VIEW

SECTION E-E

THRIE BEAM CONNECTION TO BRIDGE PARAPET WITH SQUARE ENDS

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

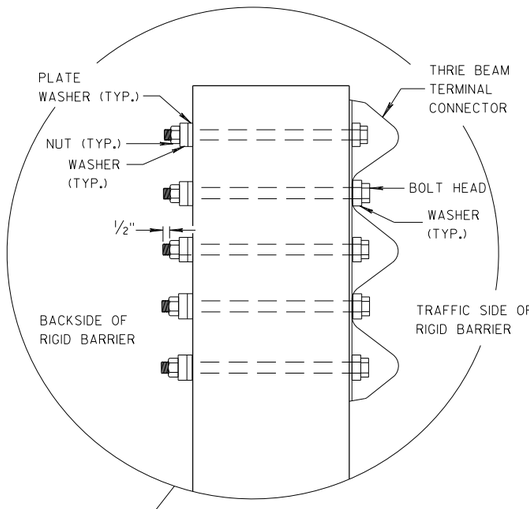
② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

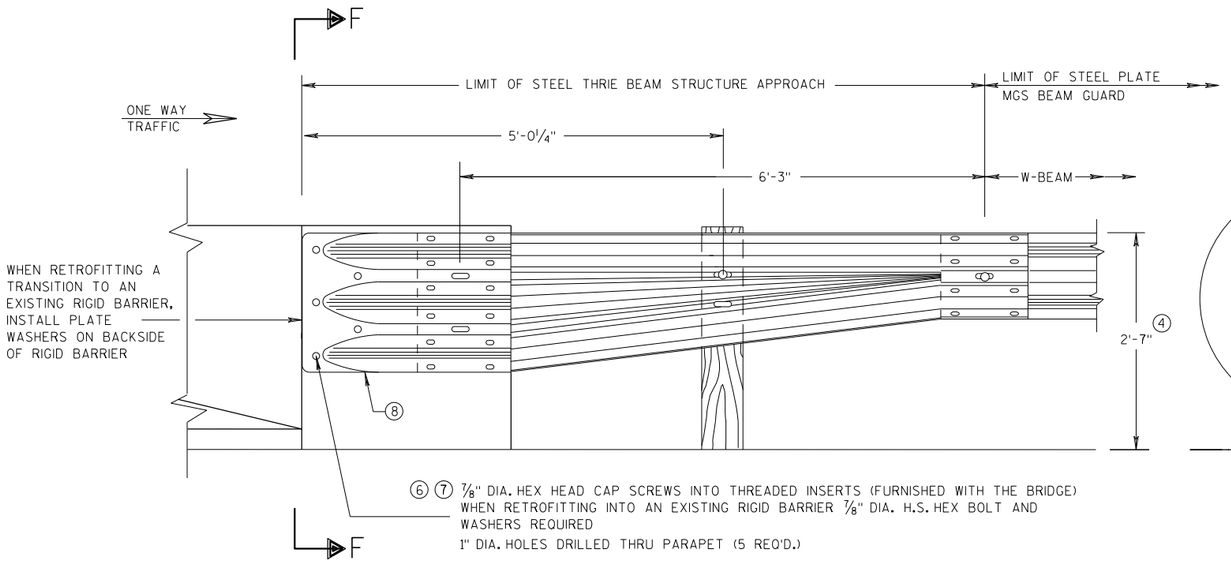
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

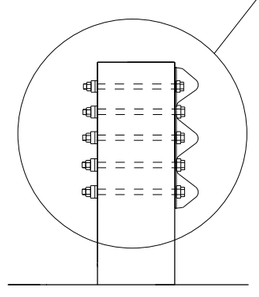
⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

⑧ THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 1/2".

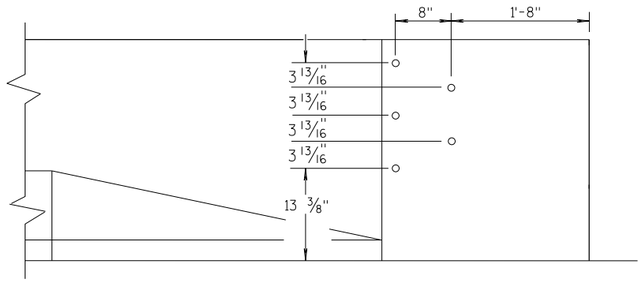




FRONT VIEW



SECTION F-F



DRILL HOLE LOCATION

W BEAM TRANSITION AND CONNECTION TO BRIDGE PARAPETS WITH SQUARE ENDS

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS D[illegible] UNIT SUPERVI[illegible]NT
FHWA

6

S.D.D. 14 B 45-5d

GENERAL NOTES

THESE ARE TYPICAL CONNECTION DETAILS. ADJUST THE POSTION OF CONNECTIONS TO EXISTING BRIDGES TO FIT THE ACTUAL BRIDGE AND SITE DIMENSIONS.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

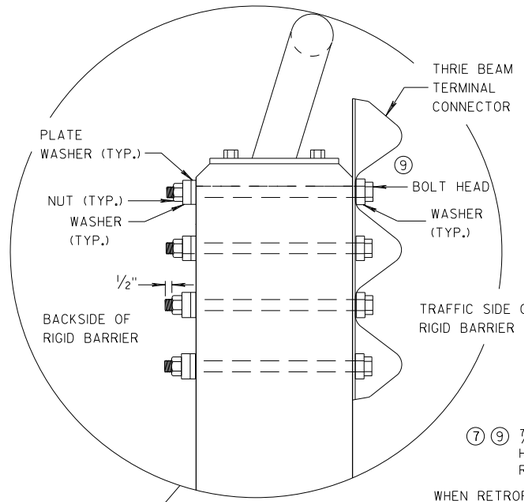
(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

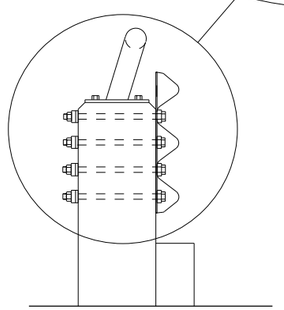
(6) DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.

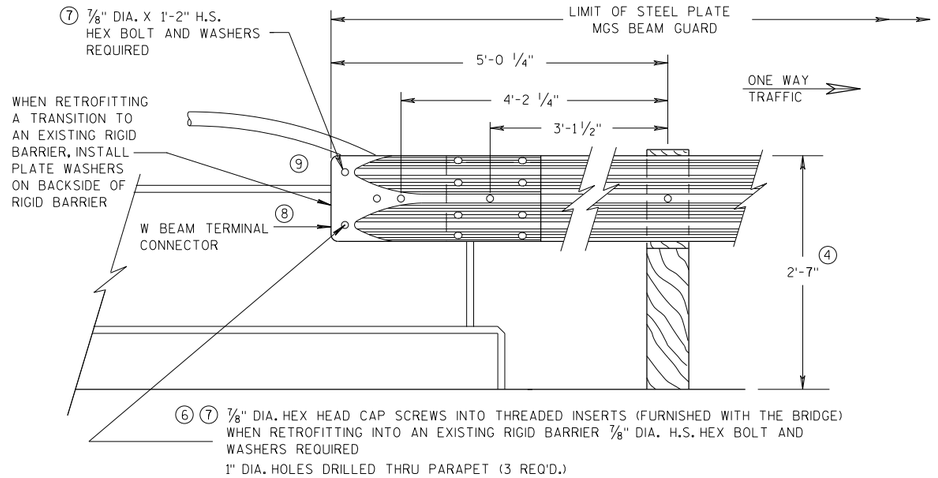
(8) THE RECESS FOR A W-BEAM CONNECTION, WHICH EXISTS ON SOME PARAPETS OF THIS TYPE, SHALL BE FILLED WITH A TREATED TIMBER BLOCKOUT. BLOCKOUT SIZE IS 1'-6" X 2'-0" X 3 ½".

(9) BOLT, NUT AND WASHERS NOT REQUIRED FOR THIS LOCATION WHEN RETROFITTING AN EXISTING PAPAPET AND THE HOLE IS EITHER ABOVE PARAPET OR WITHIN 4 INCHES OF THE EDGE OF PARAPET.





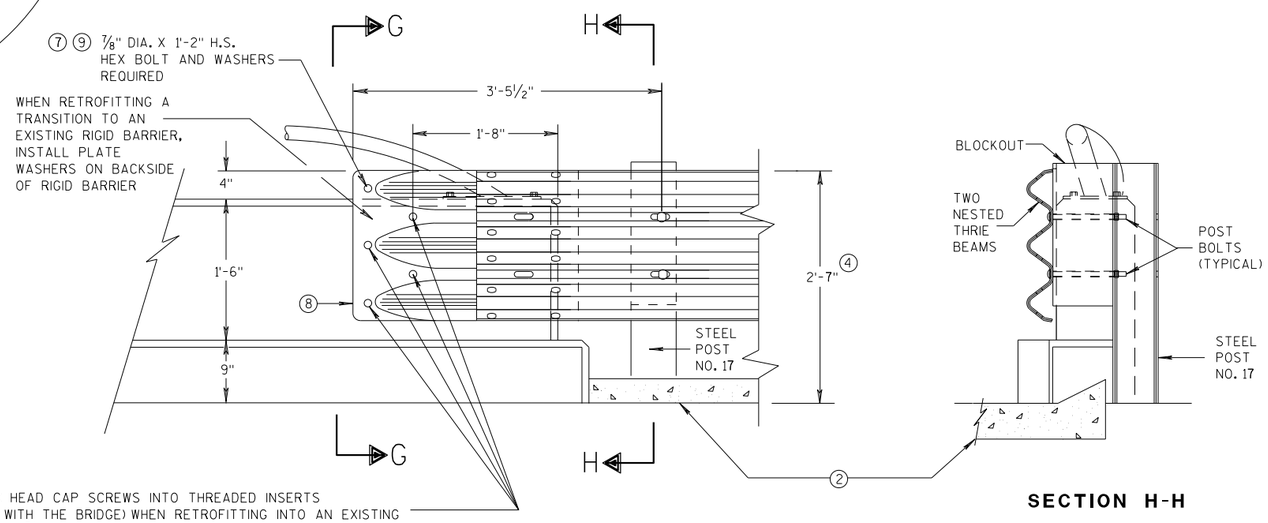
SECTION G-G



FRONT VIEW

W BEAM CONNECTION TO VERTICAL FACE PARAPET

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)



FRONT VIEW

SECTION H-H

THRIE BEAM CONNECTION TO VERTICAL FACED PARAPETS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D UNIT SUPERVIS — NT
FHWA

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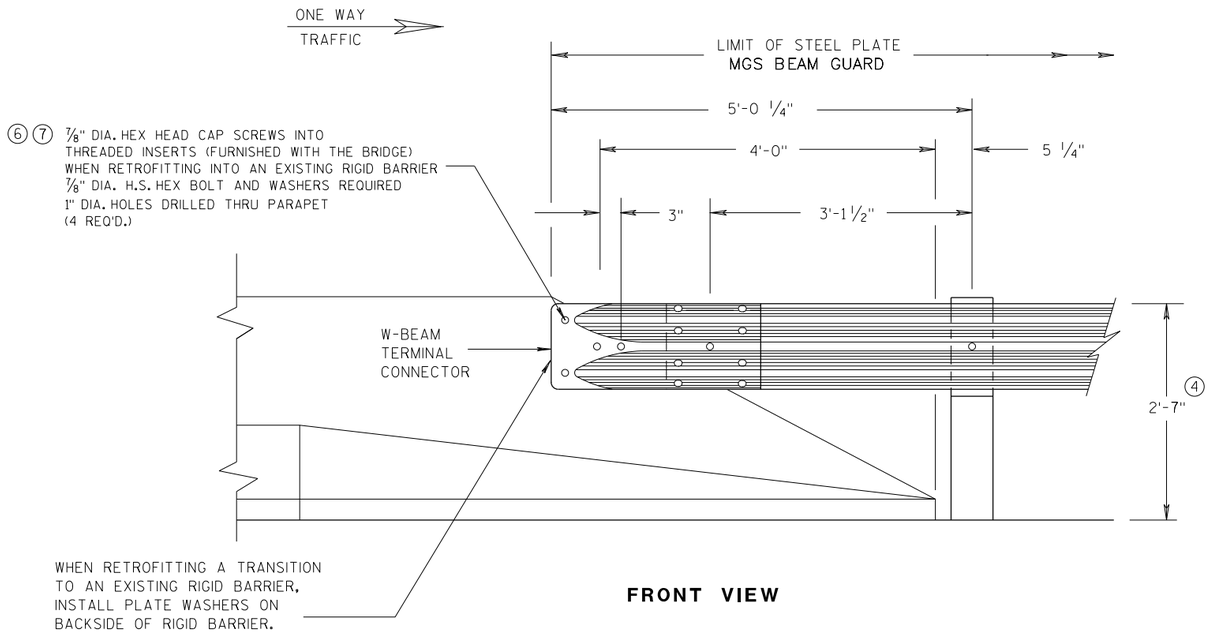
S.D.D. 14 B 45-5e

6

S.D.D. 14 B 45-5e



FRONT VIEW

W BEAM CONNECTION TO PARAPETS WITH SLOPED ENDS

(USE ONLY AT TRAFFIC EXIT END OF ONE WAY BRIDGE)

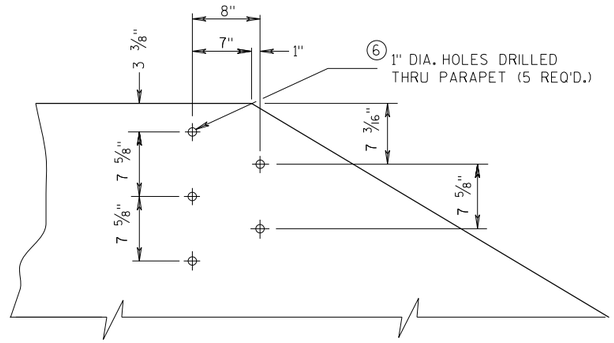
GENERAL NOTES

② OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

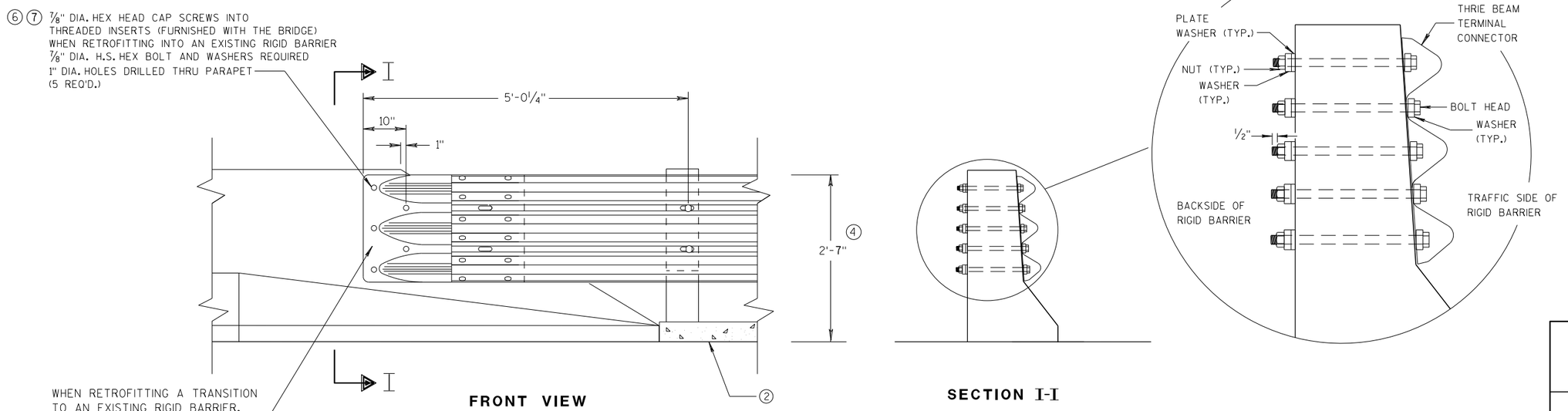
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

⑦ BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



DRILL HOLE LOCATION AND PATTERN FOR THRIE BEAM CONNECTION



FRONT VIEW

SECTION I-I

THRIE BEAM CONNECTION TO BRIDGE PARAPETS WITH SLOPED ENDS

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS [illegible] UNIT SUPERVI[illegible]ENT
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S.D.D. 14 B 45-5f

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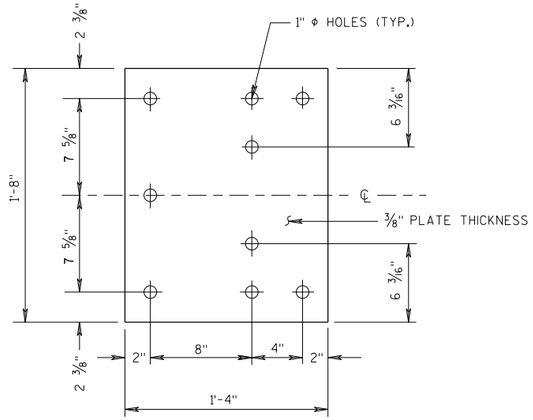
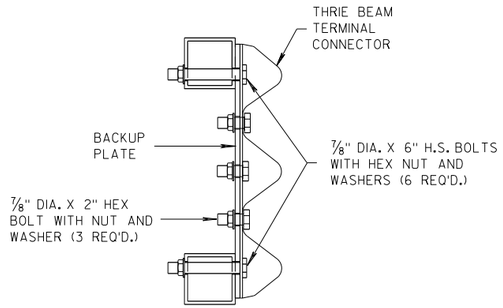
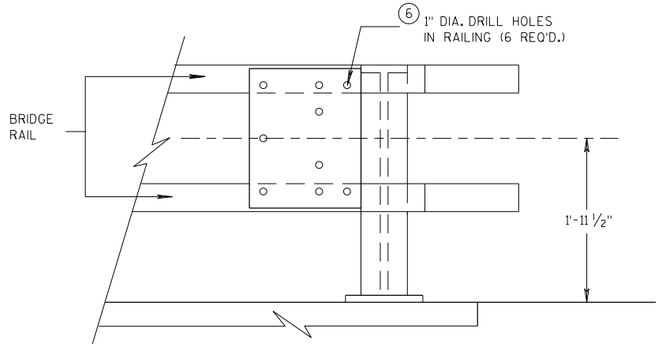
S.D.D. 14 B 45-5f



BACK-UP PLATE DETAIL



SECTION J-J

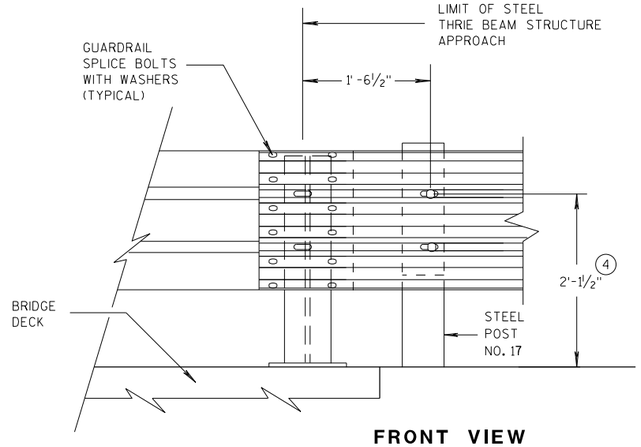


BACK-UP PLATE MOUNTING ONTO BRIDGE RAILING

GENERAL NOTES

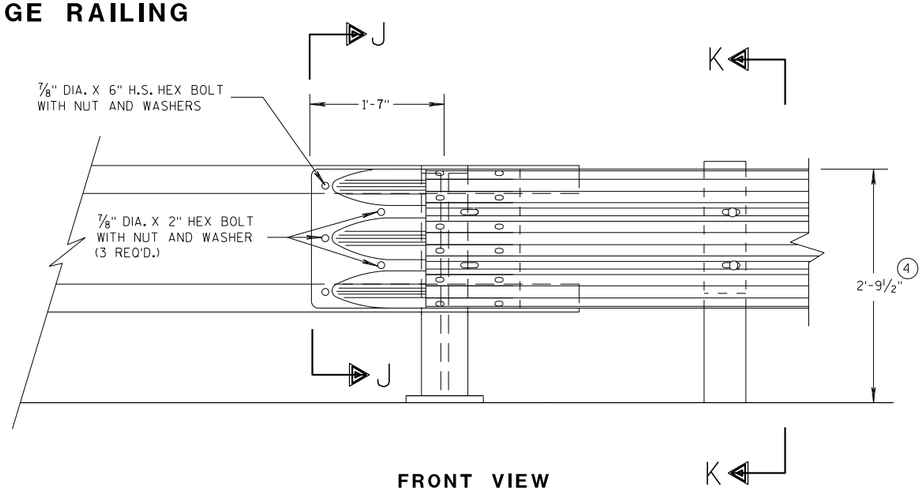
④ TOLERANCE FOR TOP OF BEAM IS ± 1".

⑥ DRILLING HOLES THROUGH THE PAPRPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

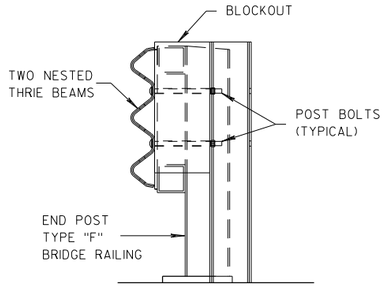


FRONT VIEW

THRIE BEAM CONNECTION TO STEEL RAILING TYPE "W"



FRONT VIEW



SECTION K-K

THRIE BEAM CONNECTION TO TUBULAR RAILING TYPE "F"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED 07/2018 — DATE
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/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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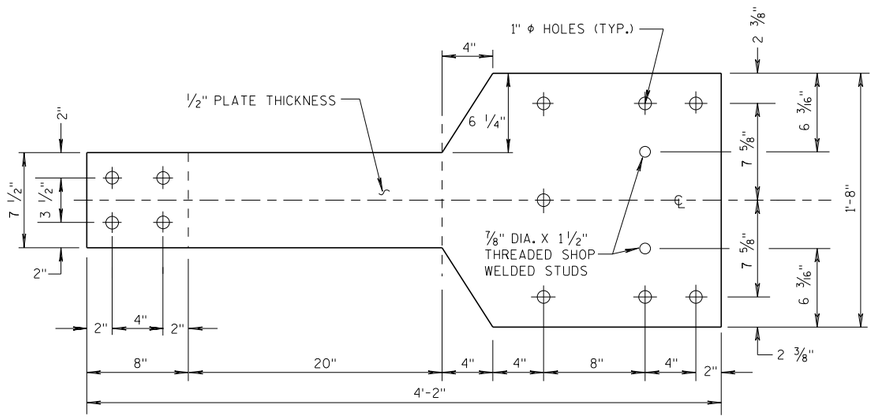
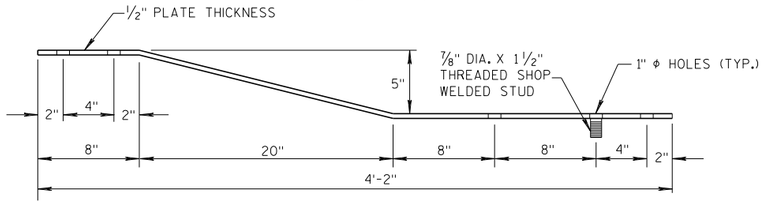
S.D.D. 14 B 45-5g

GENERAL NOTES

(4) TOLERANCE FOR TOP OF W-BEAM RAIL IS ± 1".

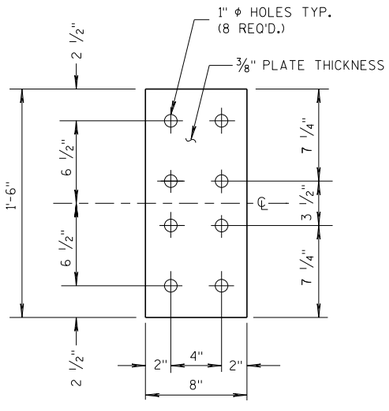


FRONT VIEW



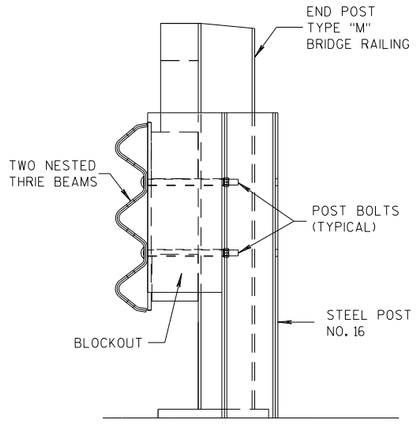
PLAN VIEW

BACK-UP PLATE DETAIL, TYPE "M"

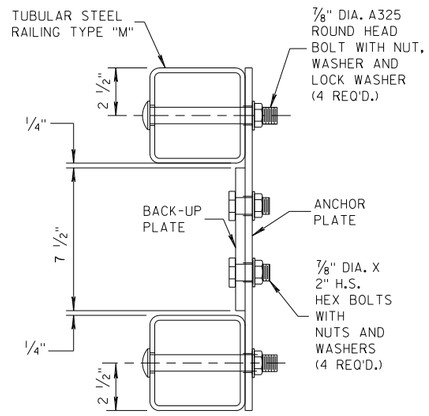


FRONT VIEW

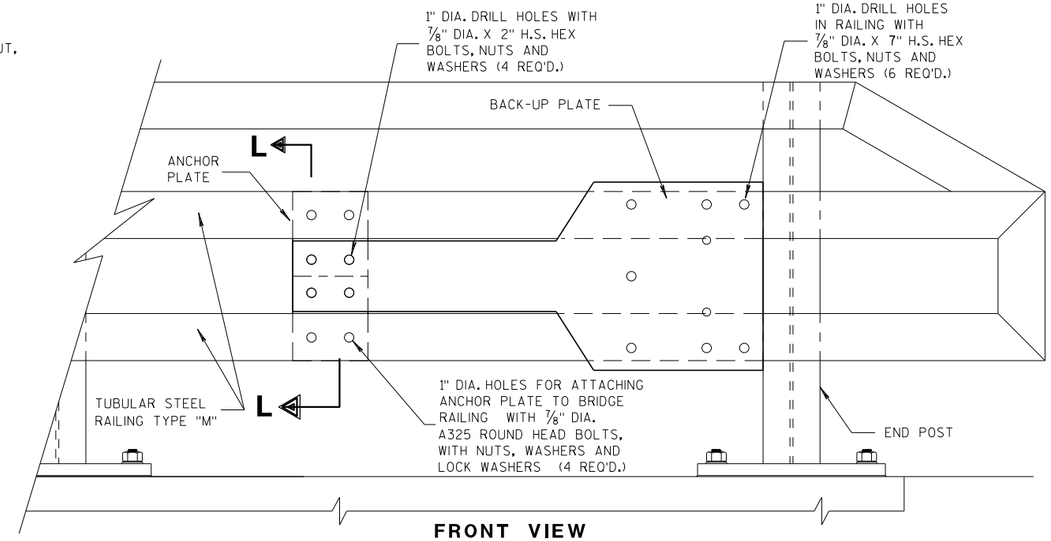
ANCHOR PLATE DETAIL, TYPE "M"



SECTION M-M

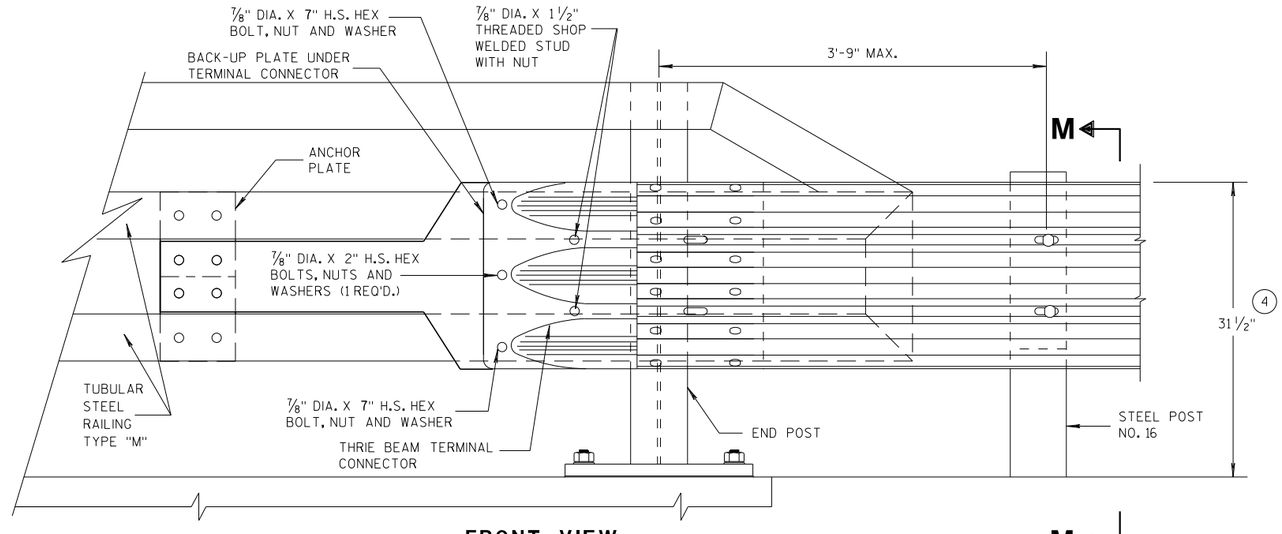


SECTION L-L

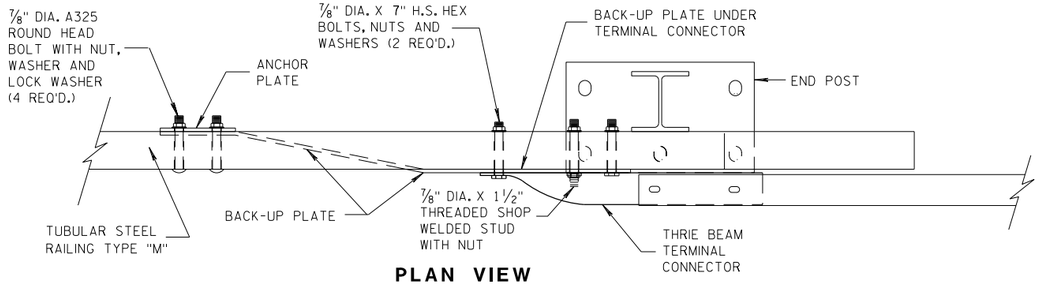


FRONT VIEW

ANCHOR AND BACK-UP PLATE MOUNTING TO BRIDGE RAILING, TYPE "M"



FRONT VIEW



PLAN VIEW

THRIE BEAM CONNECTION TO TUBULAR RAILING, TYPE "M"

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
07/2018 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
FHWA

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GENERAL NOTES

COVER PLATE PANELS ARE 3/16" THICK.

ALL STIFFENERS ARE 1/4" THICK.

CONNECTOR PLATE SHALL BE FABRICATED FROM ASTM GRADE A36 STEEL AND GALVANIZED.

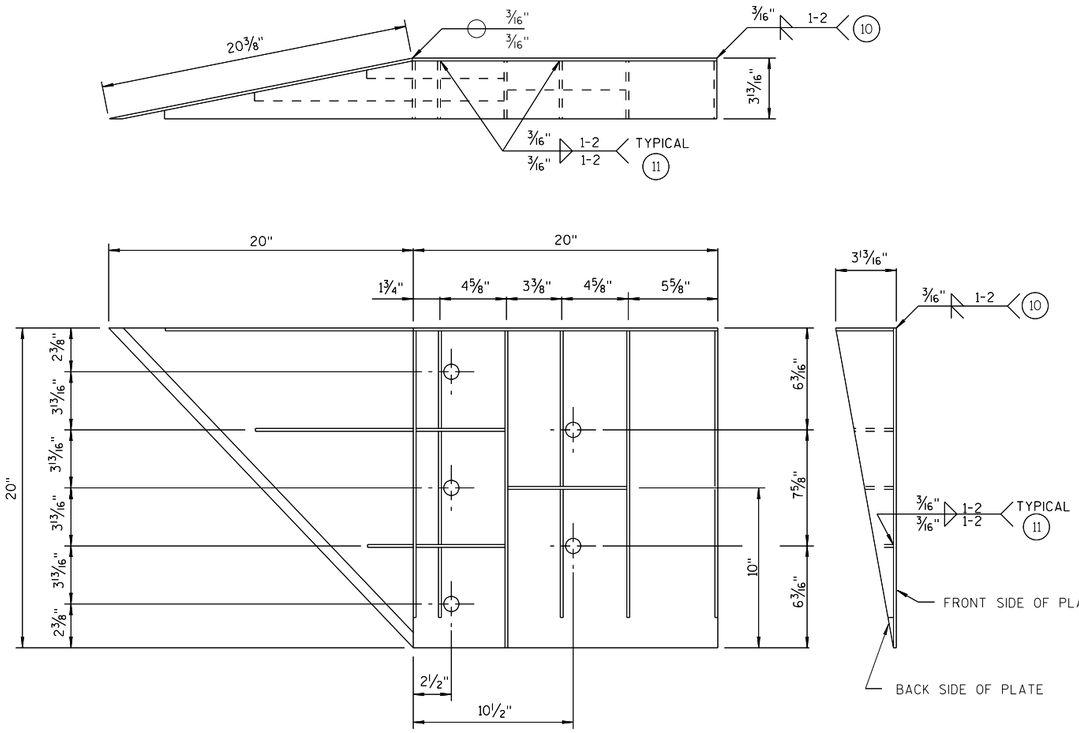
FOR GALVANIZED REQUIREMENTS, SEE SECTION 614 OF THE STANDARD SPECIFICATIONS.

ALL HOLE DIAMETERS SHALL BE 1".

FOR OPPOSITE SIDE INSTALLATION MIRROR DRAWINGS.

(10) STIFFENERS LOCATED AT THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS:
SINGLE BEVEL GROOVE WELD ON EXTERNAL SIDES AND 3/16" FILLET WELD BY 1" LONG SPACED AT 2" ON INTERNAL SIDES.

(11) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATE SHALL BE WELDED AS FOLLOWS:
3/16" FILLET WELD BY 1" LONG SPACED AT 2".



WELDING INSTRUCTION

(VIEWED FROM BACK SIDE OF PLATE)

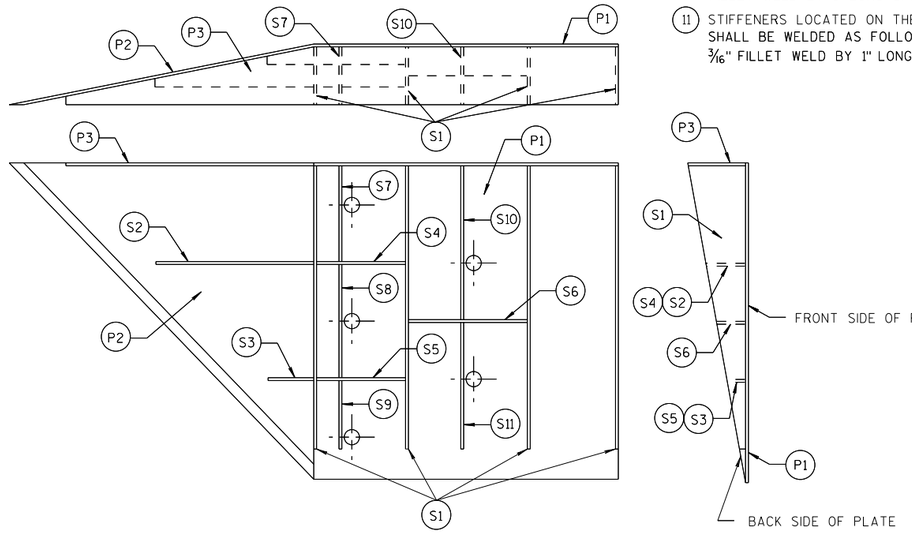


PLATE AND STIFFENER IDENTIFICATION

(VIEWED FROM BACK SIDE OF PLATE)

CONNECTOR PLATE DIMENSION (PER ASSEMBLY)

PLATE	QUANTITY	SHAPE	SIZE (A x B x C x D)	THICKNESS
P1	1		20" x 20"	3/16"
P2	1		20" x 20" x 28 9/16"	3/16"
P3	1		39" x 3 5/8" x 20" x 19 5/16"	3/16"
S1	4		18 7/16" x 3 5/8" x 18 3/4"	1/4"
S2	1		10 1/4" x 2 7/16" x 10 3/8" x 1/2"	1/4"
S3	1		3" x 1 1/16" x 3 1/8" x 1/2"	1/4"
S4	1		6 1/8" x 2 7/16"	1/4"
S5	1		6 1/8" x 1 1/16"	1/4"
S6	1		7 3/4" x 1 3/4"	1/4"
S7	1		2 9/16" x 6" x 3 5/8" x 5 7/8"	1/4"
S8	1		1 5/32" x 7 1/2" x 2 1/2" x 7 3/8"	1/4"
S9	1		6 1/16" x 6 3/16" x 1 3/32"	1/4"
S10	1		1 7/8" x 9 7/8" x 3 5/8" x 9 11/16"	1/4"
S11	1		8 1/2" x 8 3/4" x 1 13/16"	1/4"

SINGLE SLOPE CONNECTION PLATE

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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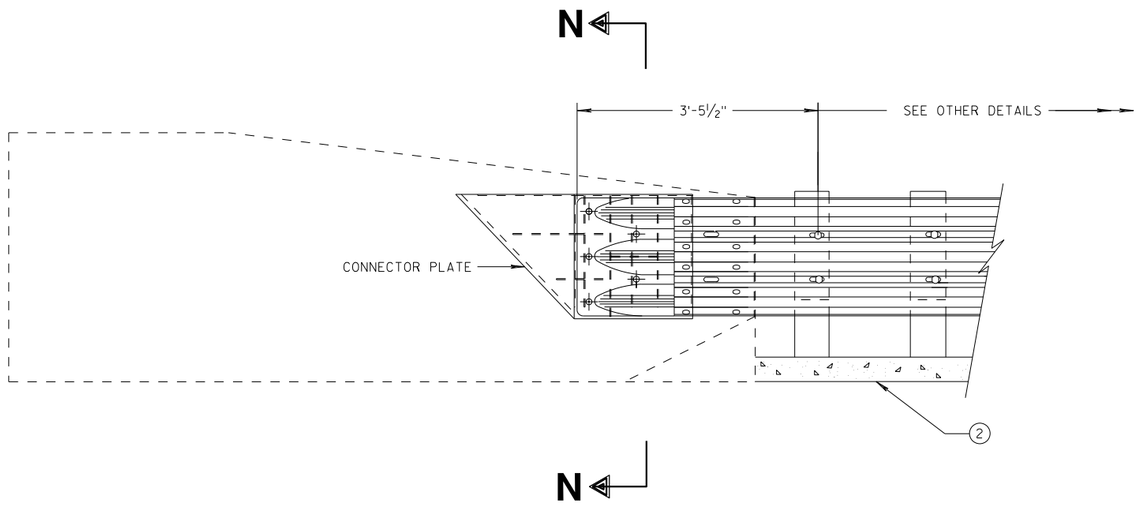
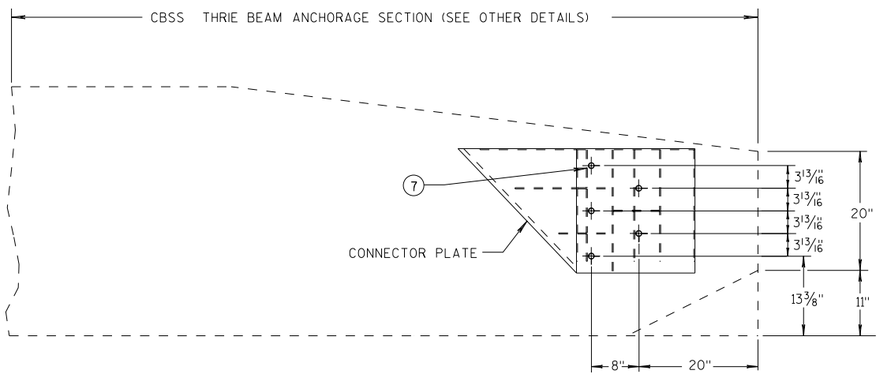
S.D.D. 14 B 45-5i



THRIE BEAM CONNECTION TO SINGLE SLOPE BARRIER



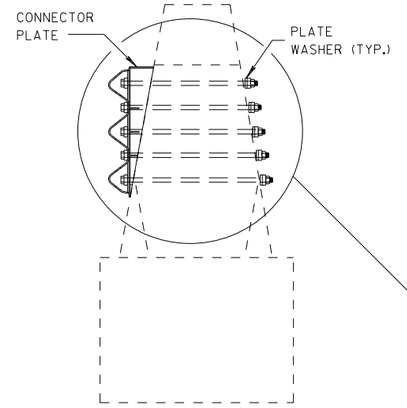
SINGLE SLOPE CONNECTION PLATE PLACEMENT

GENERAL NOTES

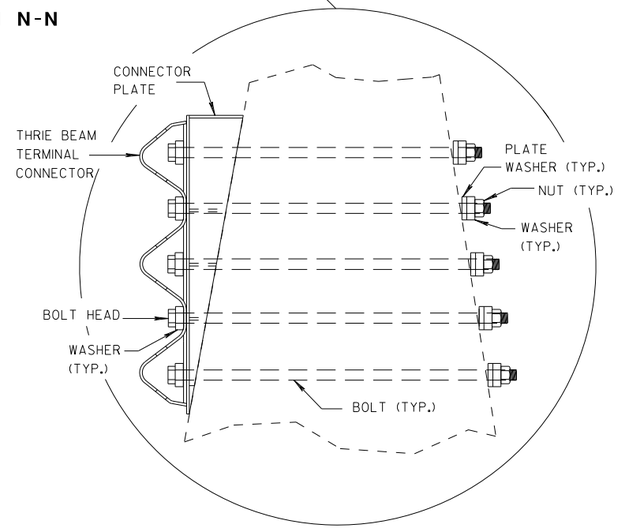
CONNECTOR PLATE, DRILLING BOLT HOLES THROUGH THE PARAPET, BOLTS, NUTS, WASHERS AND REPAIRING DAMAGED CONCRETE ARE INCIDENTAL TO THE CONTRACT.

(2) OPTIONAL CURB AND GUTTER OR DRAINAGE FEATURE SEE PLAN FOR INFORMATION.

(7) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. BOLTS THAT EXTEND THROUGH THE PARAPET AND OUT THE BACK FACE REQUIRE A HARDENED ROUND STEEL WASHER THAT IS 2" O.D. X 5/32" THICK AND ONE PLATE WASHER. REPAIR ANY DAMAGED CONCRETE FROM BOLT INSTALLATION.



SECTION N-N



MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
7/2018
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FHWA

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ROADWAY STANDARDS DI
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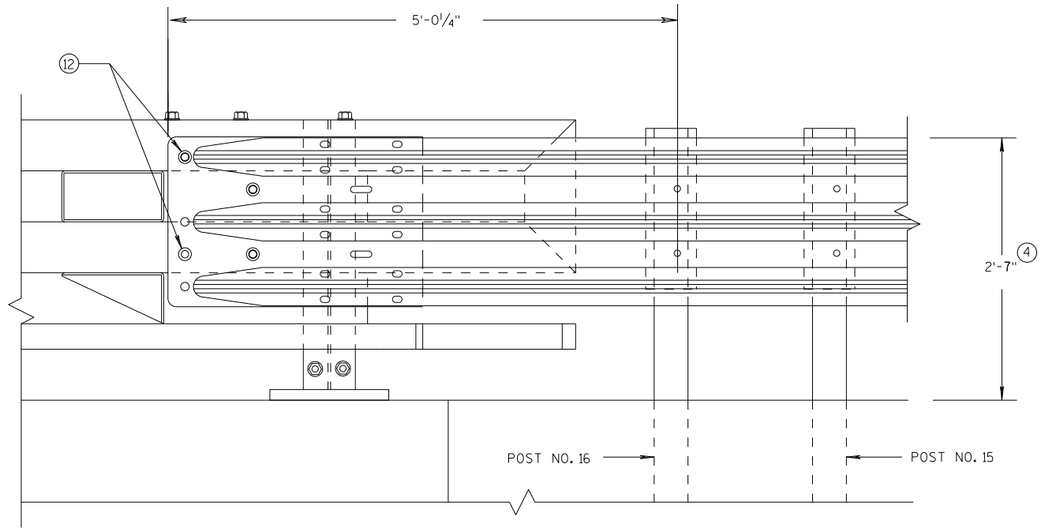
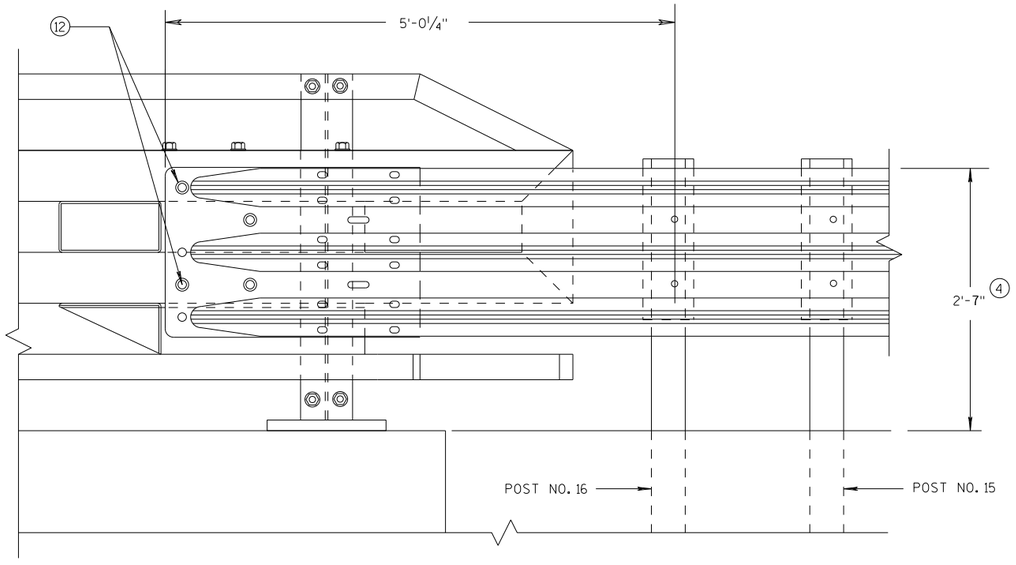


ELEVATION OF DETAIL AT NY3 END POST

THRIE BEAM RAIL ATTACHMENT



ELEVATION OF DETAIL AT NY4 END POST

THRIE BEAM RAIL ATTACHMENT

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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7/2018
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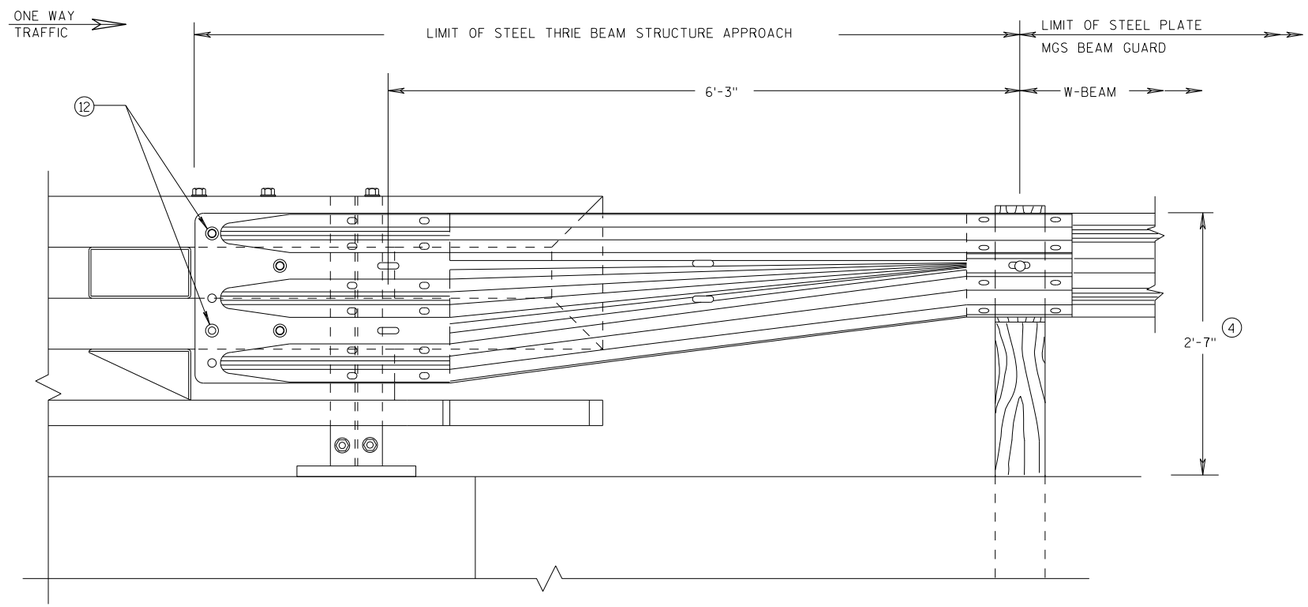


FRONT VIEW

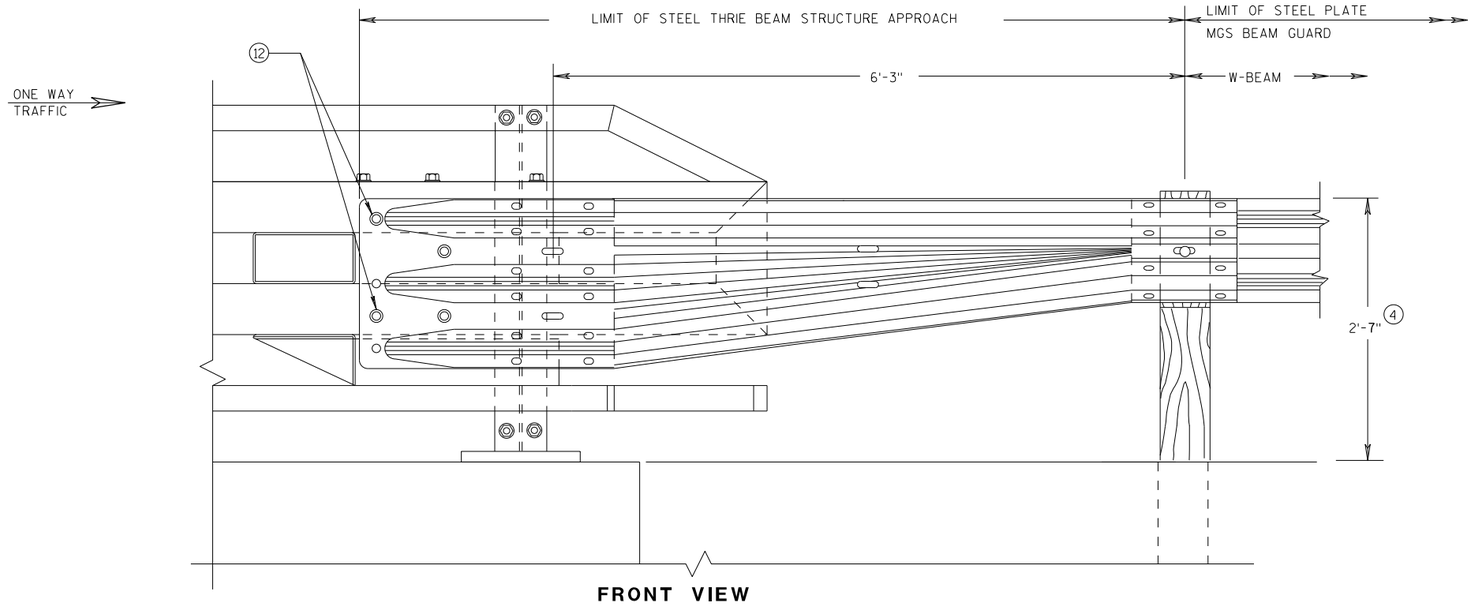
W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY3"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

GENERAL NOTES

(4) TOLERANCE FOR TOP OF BEAM IS ± 1".

(12) BOLTS MAY BE A325 BOLTS OR A449 BOLTS. BOLT LENGTH AND THREADING LENGTH ARE TO ALLOW FOR A TIGHT CONNECTION BETWEEN RIGID BARRIER AND THRIE BEAM CONNECTION PLATE. CONTRACTOR IS TO FIELD VERIFY BOLT LENGTH AND THREAD LENGTH. ONE ROUND WASHER REQUIRED BETWEEN BOLT HEAD AND THRIE BEAM CONNECTOR PLATE. ON BACKSIDE OF PARAPET ONE ROUND WASHER, AND NUT REQUIRED. BOLT THREAD IS TO EXTEND 1/2-INCH BEYOND NUT.



FRONT VIEW

W BEAM TRANSITION AND CONNECTION TO BRIDGE RAILING TYPE "NY4"

(USE ONLY ON THE TRAFFIC EXIT END OF ONE WAY BRIDGES)

MIDWEST GUARDRAIL SYSTEM
THRIE BEAM TRANSITION (MGS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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S.D.D. 14 B 45-5L

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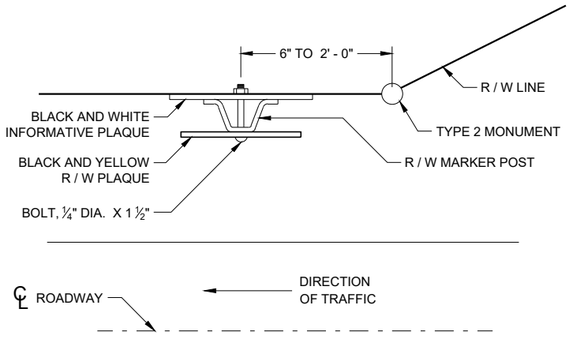
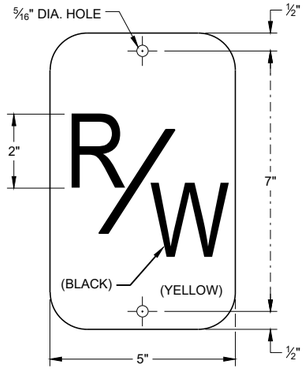


PLAN VIEW
STEEL MARKER POST



R / W PLAQUE

THE RIGHT-OF-WAY PLAQUE AND INFORMATIVE PLAQUE WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

INFORMATIVE PLAQUE

GENERAL NOTES

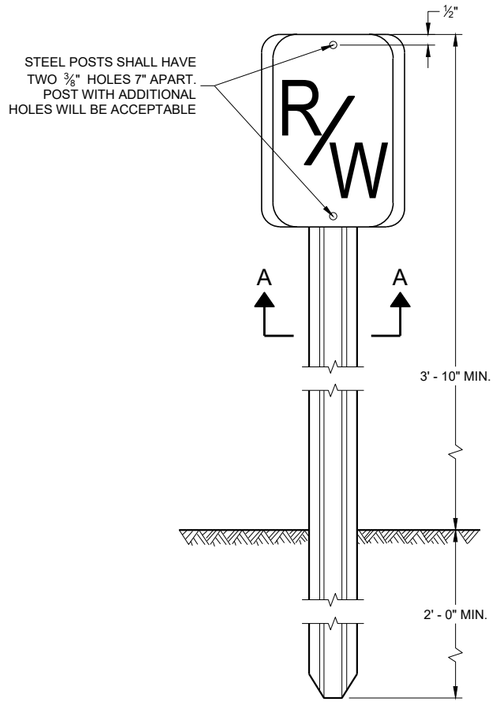
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

A STEEL MARKER POST FOR RIGHT -OF-WAY SHALL BE PLACED IN THE RIGHT-OF-WAY WITH THE BACK OF THE POST ON THE LONGER RIGHT-OF-WAY TANGENT, 6 INCHES TO 24 INCHES FROM EACH TYPE 2 MONUMENT TO SERVE AS A GUARD POST, AND AT OTHER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

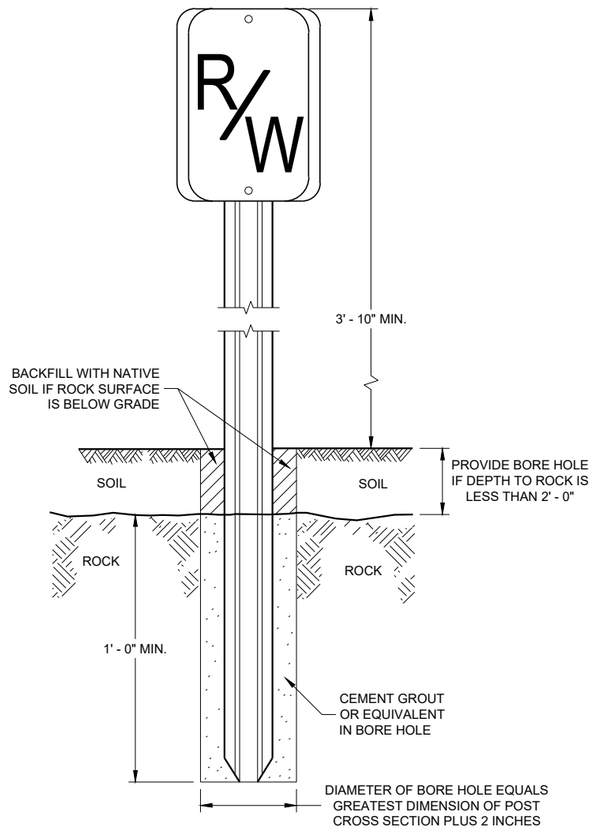
THE "R/W" PLAQUE SHALL FACE THE ROADWAY AND THE INFROMATIVE PLAQUE SHALL FACE AWAY FROM THE ROADWAY. "R/W" AND INFORMATIVE PLAQUES WILL BE FURNISHED BY THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

STEEL MARKER POSTS SHALL MEET THE MINIMUM MATERIAL REQUIREMENTS FOR STEEL DELINEATOR POSTS; EXCEPT POSTS PAINTED WITH FEDERAL YELLOW ENAMEL NEED NOT BE ZINC COATED.

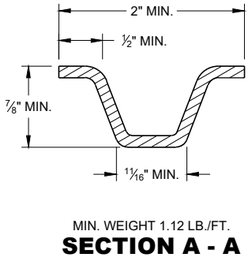
(1) IN AREAS OF SOLID ROCK, DRILL A BORE HOLE 2" GREATER THAN THE WIDEST DIMENSION OF THE POST CROSS SECTION INTO THE ROCK A MINIMUM DEPTH OF 12 INCHES. CUT OR SPLICE THE POST SO THAT A MINIMUM LENGTH OF 3' - 10" PROTRUDES ABOVE THE GROUND. BLOW OUT THE BORE HOLE IN THE ROCK USING COMPRESSED AIR. FILL THE BORE HOLE WITH CEMENT GROUT OR EQUIVALENT, DEPENDING ON THE STABILITY OF THE ROCK.



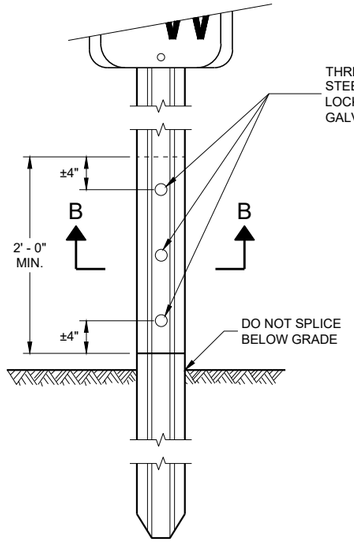
FRONT VIEW
STEEL MARKER POST



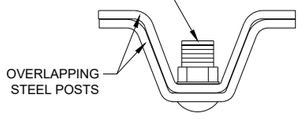
FRONT VIEW
ROCK INSTALLATION (1)



MIN. WEIGHT 1.12 LB./FT.
SECTION A - A



FRONT VIEW
SPLICE DETAIL



SECTION B - B

MARKER POST FOR RIGHT - OF - WAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/18/2016 — DATE
/S/ Ray Kumapayi — CHIEF SURVEYING AND MA ENGINEER

FHWA

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SDD 15A01 - 13a

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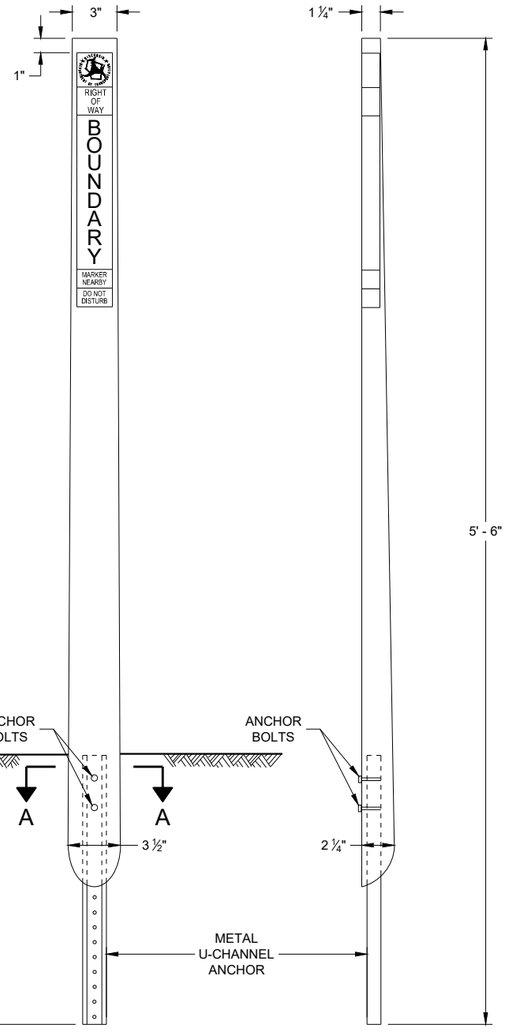
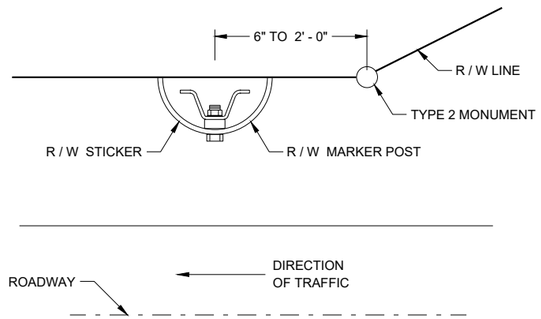
SDD15A01 - 13a

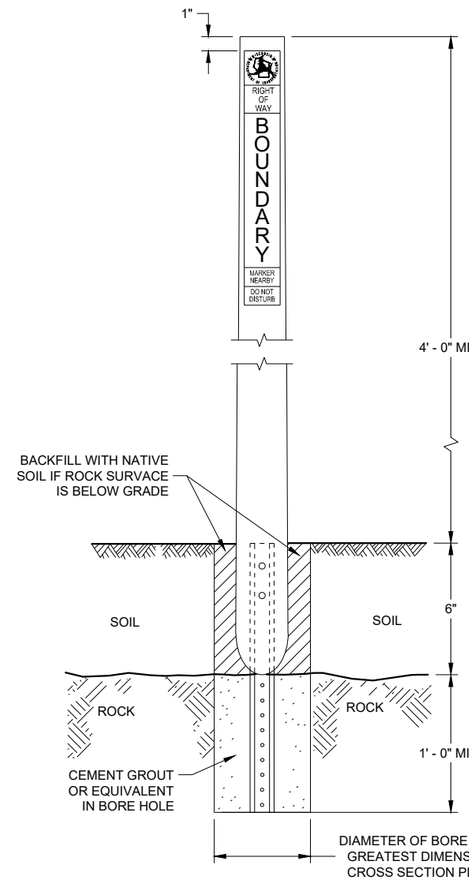


FRONT VIEW SIDE VIEW

FLEXIBLE MARKER POST FOR ① RIGHT-OF-WAY

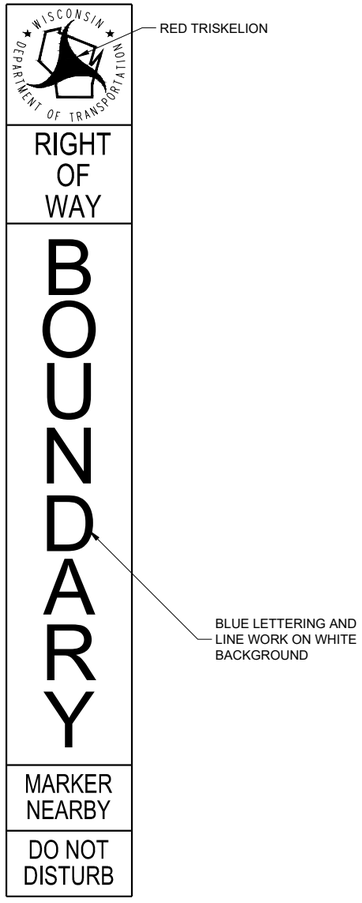


PLAN VIEW



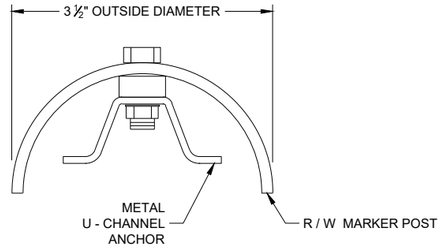
FRONT VIEW ①②

ROCK INSTALLATION



RIGHT-OF-WAY STICKER

THE RIGHT-OF-WAY STICKER SHALL BE ATTACHED 1" FROM THE TOP OF THE RIGHT-OF-WAY POST PRIOR TO DELIVERY.



SECTION A - A

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

A FLEXIBLE MARKER POST FOR RIGHT -OF-WAY SHALL BE PLACED IN THE RIGHT-OF-WAY WITH THE BACK OF THE POST ON THE LONGER RIGHT-OF-WAY TANGENT, 6 INCHES TO 24 INCHES FROM EACH TYPE 2 MONUMENT TO SERVE AS A GUARD POST, AND AT OTHER LOCATIONS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

THE RIGHT-OF-WAY STICKER DIMENSIONS SHALL BE 2 ¼" X 17" AND THE STICKER SHALL BE MADE OF A NON-RELECTIVE VINYL MATERIAL. THE RIGHT-OF-WAY STICKER SHALL FACE THE ROADWAY.

INSTALL PER DEPTH OF MANUFACTURER'S RECOMMENDATION BUT NOT LESS THAN 18 INCHES BELOW GRADE FROM THE BOTTOM OF THE METAL U-CHANNEL ANCHOR.

① FLEXIBLE MARKER POSTS SHALL BE INCLUDED IN THE APPROVED PRODUCTS LIST FOR MARKER POSTS AND SHALL BE FEDERAL YELLOW IN COLOR.

② IN AREAS OF SOLID ROCK, DRILL A BORE HOLE 2" GREATER THAN THE WIDEST DIMENSION OF THE POST CROSS SECTION INTO THE ROCK A MINIMUM DEPTH OF 12 INCHES. CUT OR SPLICE THE POST SO THAT A MINIMUM LENGTH OF 4' - 0" PROTRUDES ABOVE THE GROUND. BLOW OUT THE BORE HOLE IN THE ROCK USING COMPRESSED AIR.

FILL THE BORE HOLE WITH CEMENT GROUT OR EQUIVALENT, DEPENDING ON THE STABILITY OF THE ROCK.

FLEXIBLE MARKER POST FOR RIGHT - OF - WAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/16/2016 — DATE
/S/ Ray Kumapayii — CHIEF SURVEYING AND MAPPING ENGINEER

FHWA

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SDD15A01 - 13b

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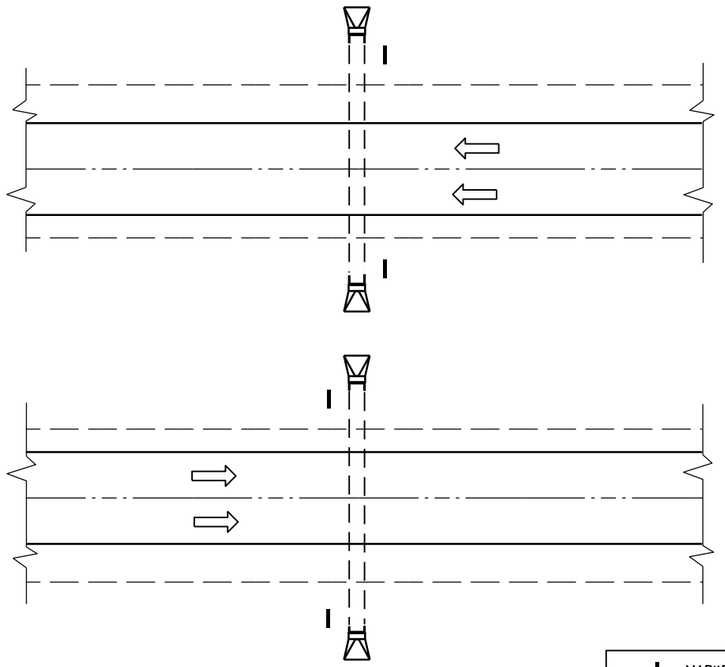
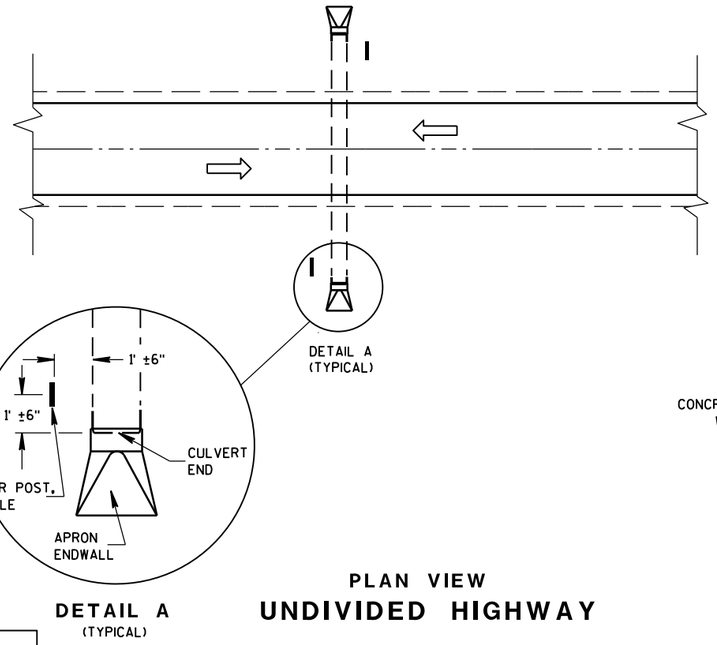
SDD15A01 - 13b



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

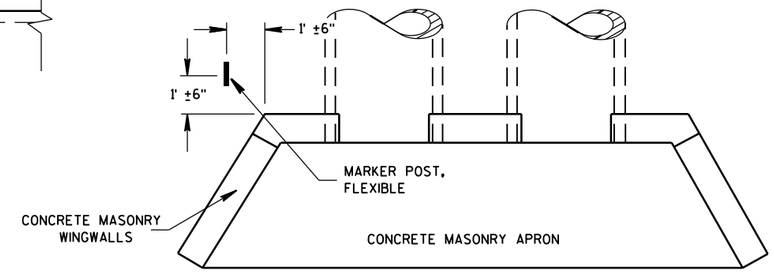
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

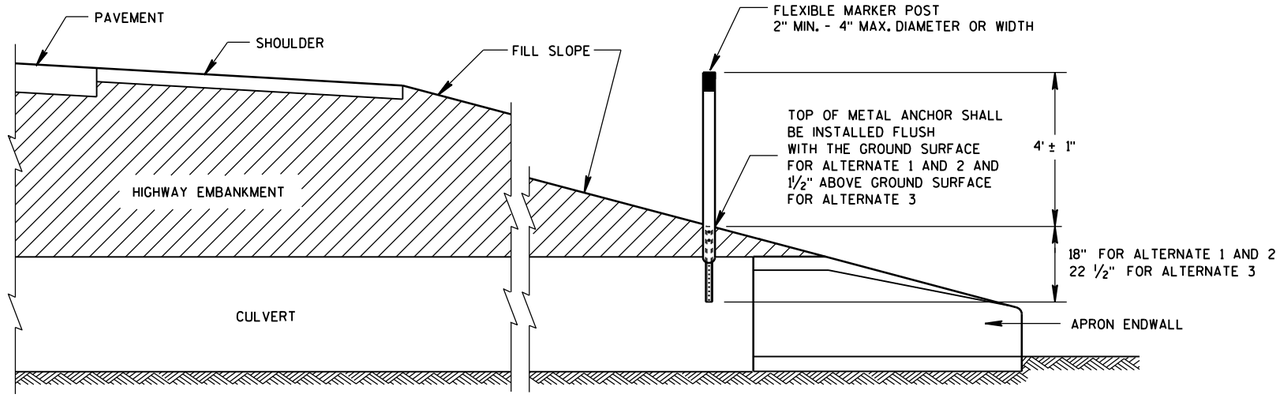
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 A 3-2a

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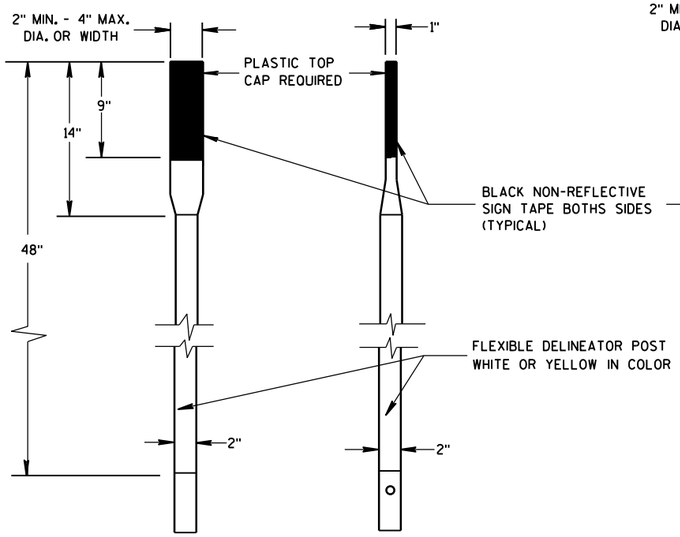
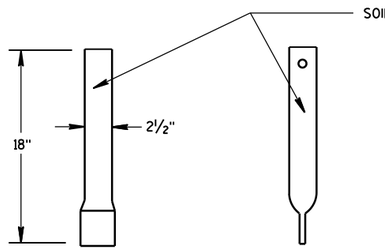
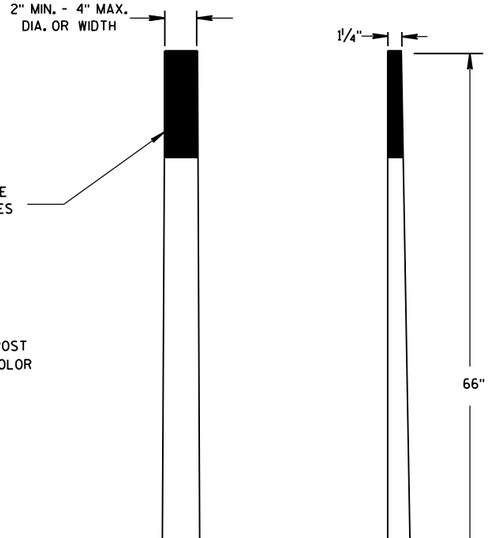
S.D.D. 15 A 3-2a





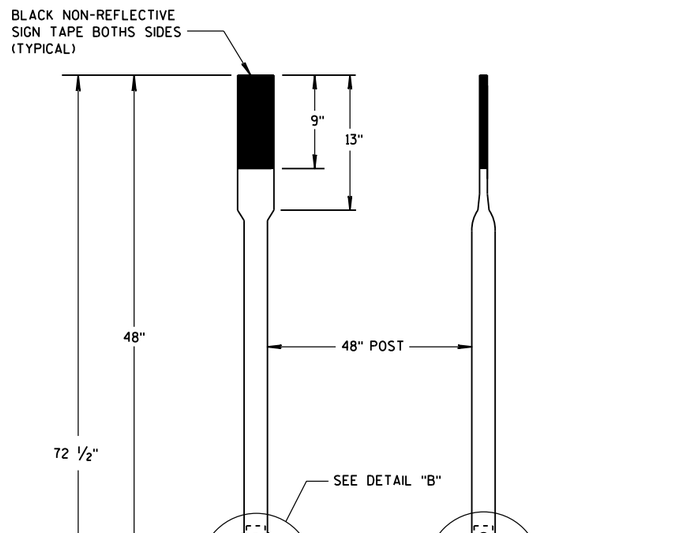
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

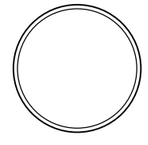
ALTERNATE 2



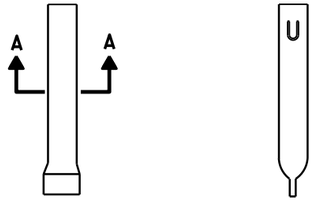
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POSTS

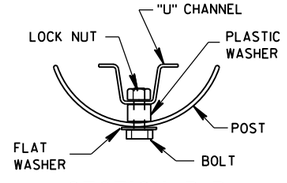


SECTION A-A

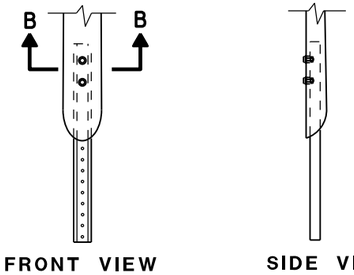


FRONT VIEW SIDE VIEW

ALTERNATE 1

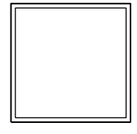


SECTION B-B

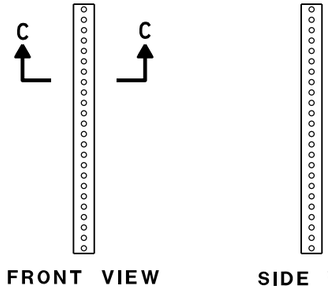


FRONT VIEW SIDE VIEW

ALTERNATE 2



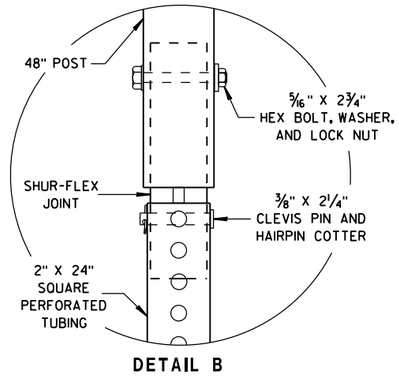
SECTION C-C



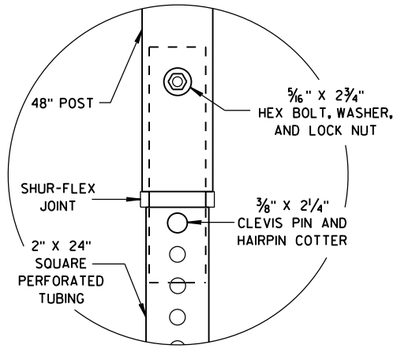
FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS



DETAIL B



DETAIL C

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/1/2012
DATE
/S/ Travis Feltes
STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 A 3-2b

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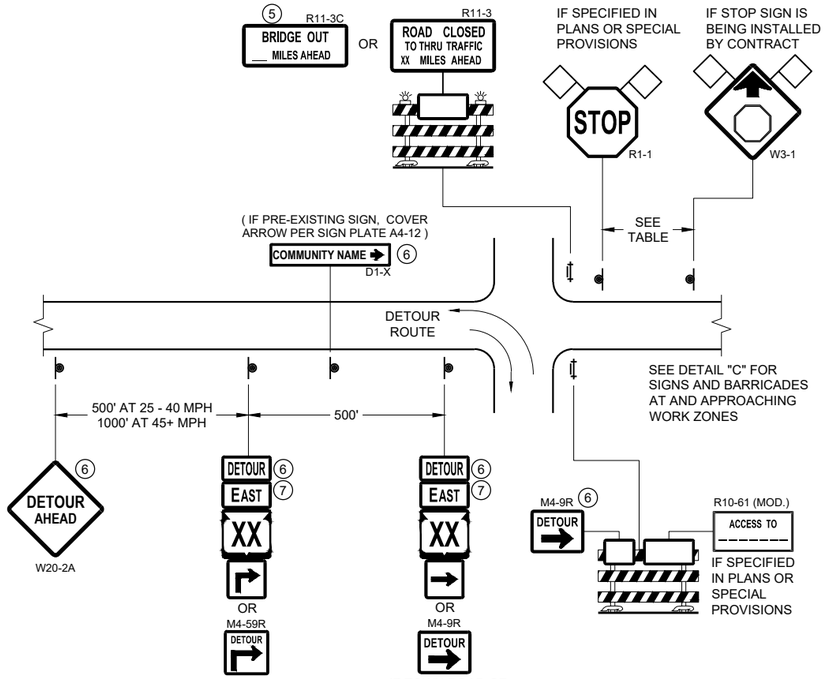
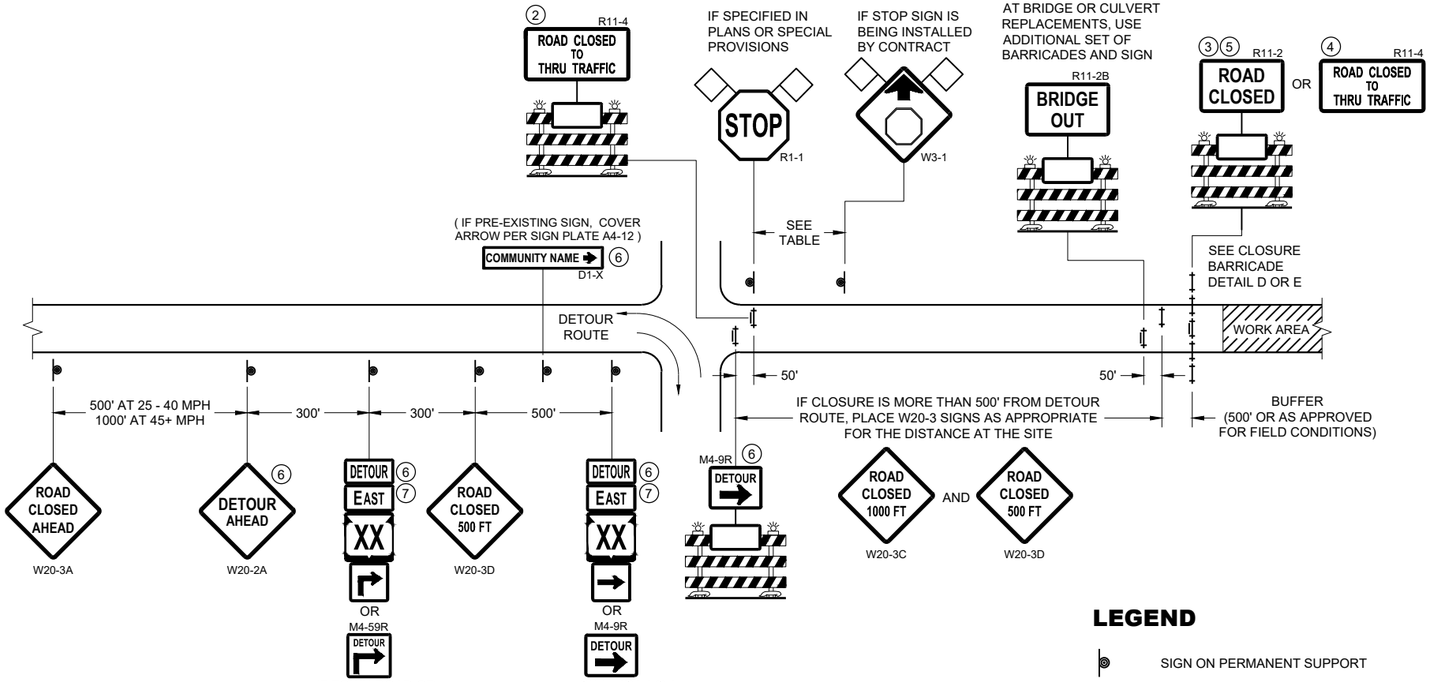
S.D.D. 15 A 3-2b



DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

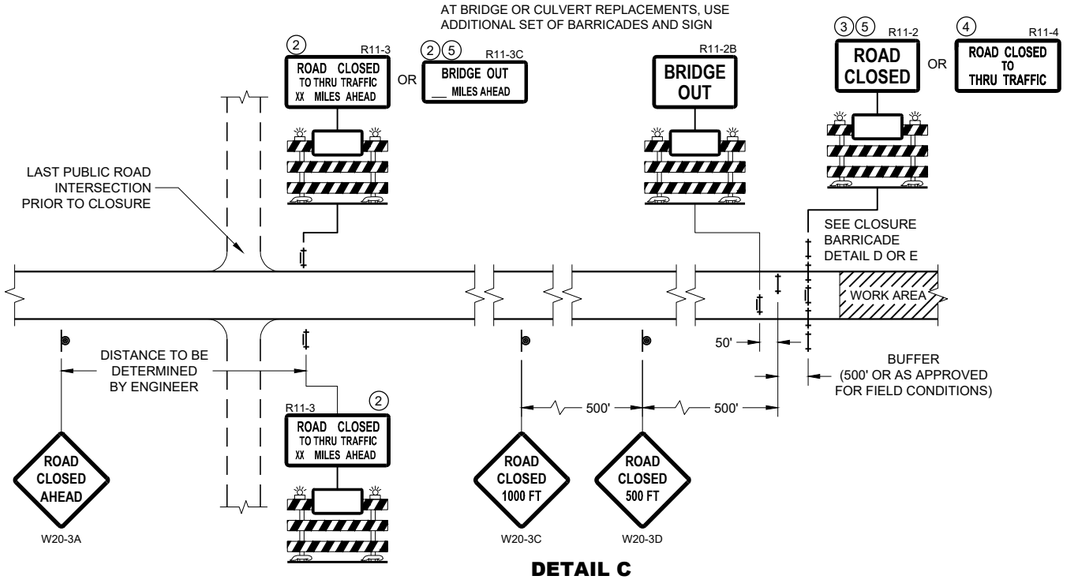
WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "b" FOR GENERAL NOTES AND FOOTNOTES ① THROUGH ⑦

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- FLAGS, 16" X 16" MIN. (ORANGE)
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

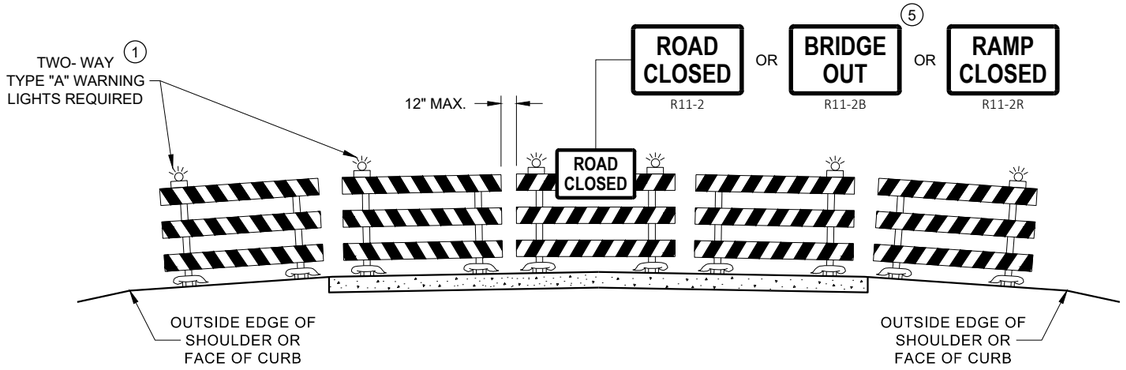
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEER

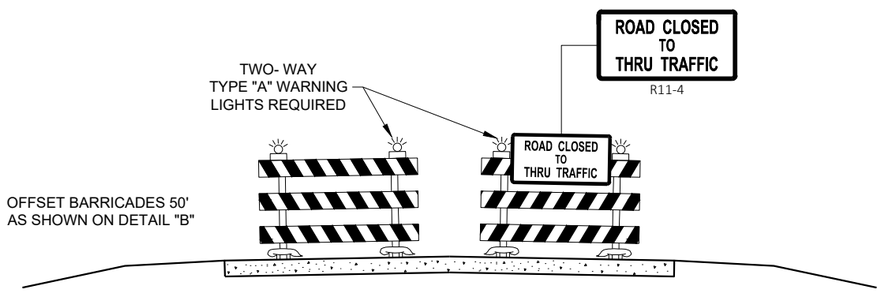
FHWA

6

SDD 15C02 - 09a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

"WO" AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

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SDD 15C02 - 09b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR — M4 - 8
- EAST — M3 - X
- XX — M1 - 4 OR XX — M1 - 6 OR COUNTY X — M1 - 5A
- M05 - 1 OR M06 - 1 OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

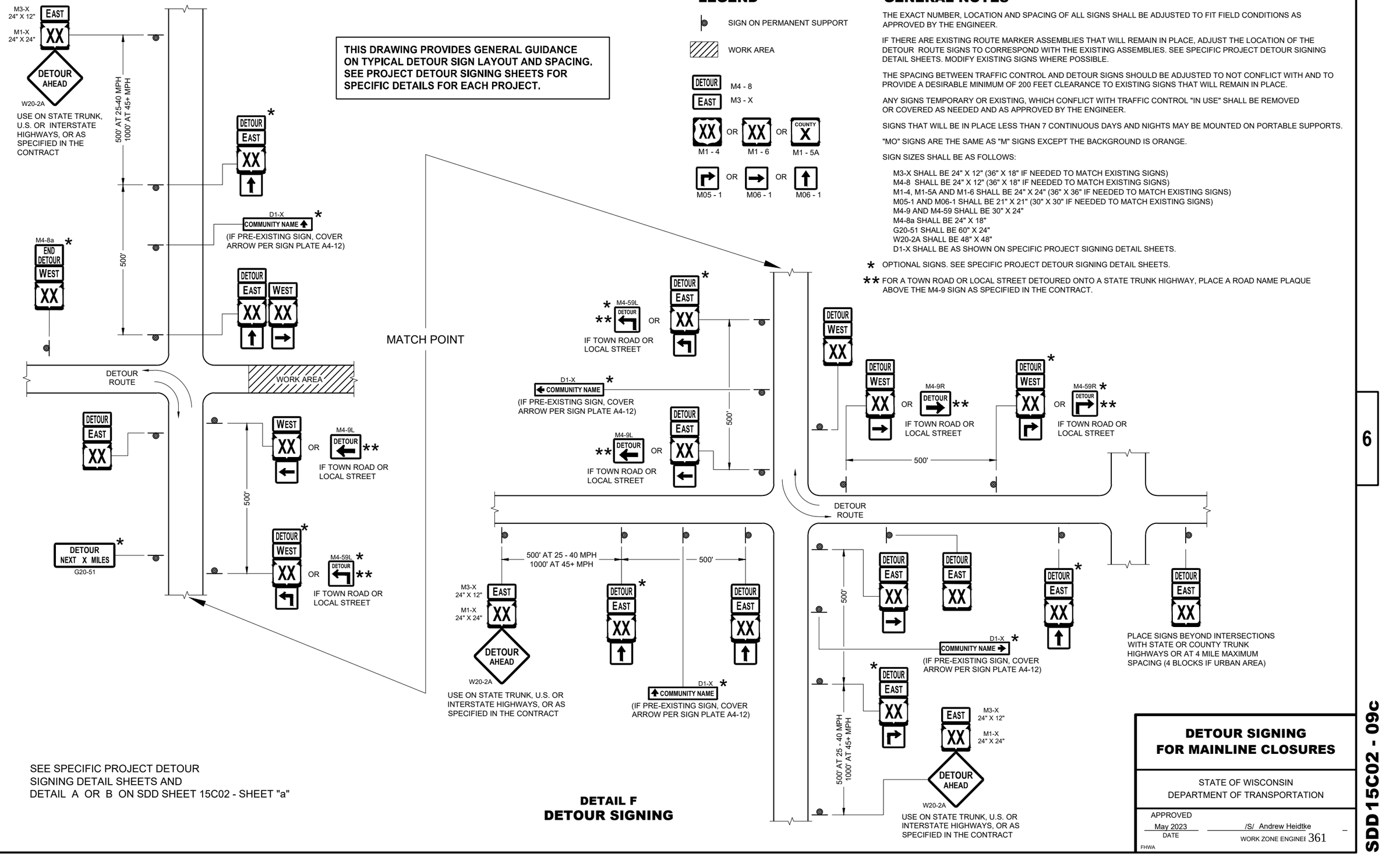
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT.



SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

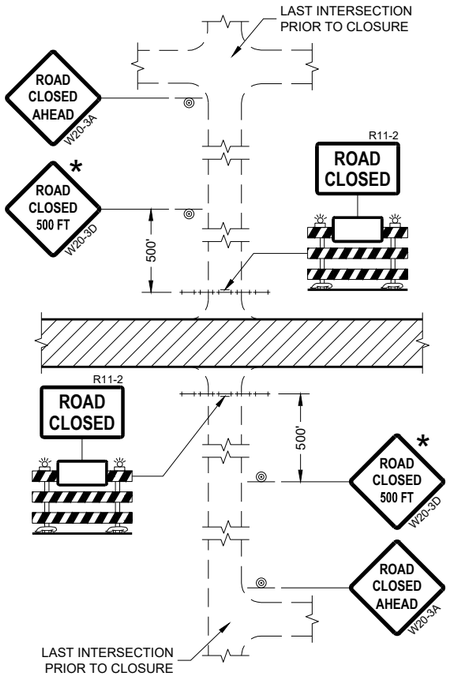
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

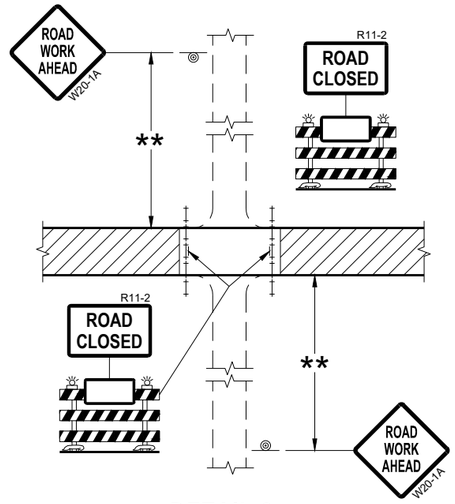
FHWA

6

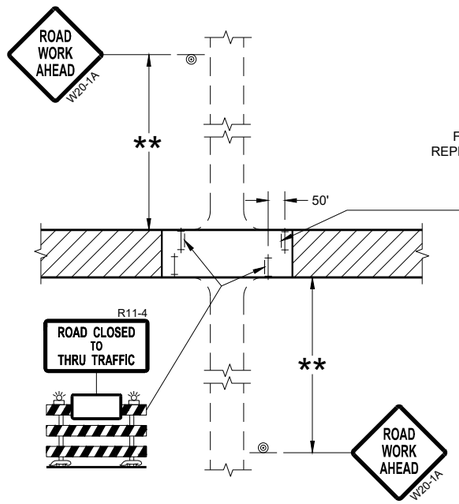
SDD 15C02 - 09c



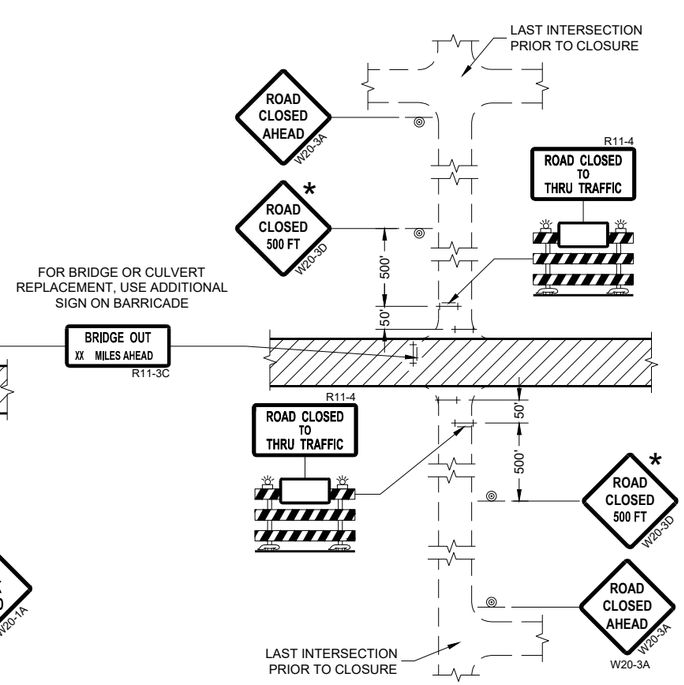
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C03 - 05

6

SDD 15C03 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

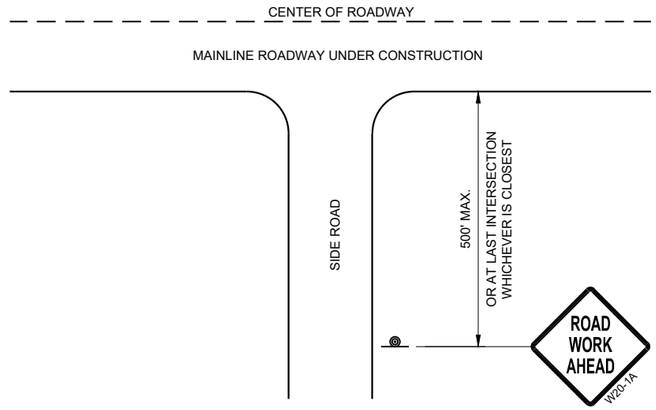
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



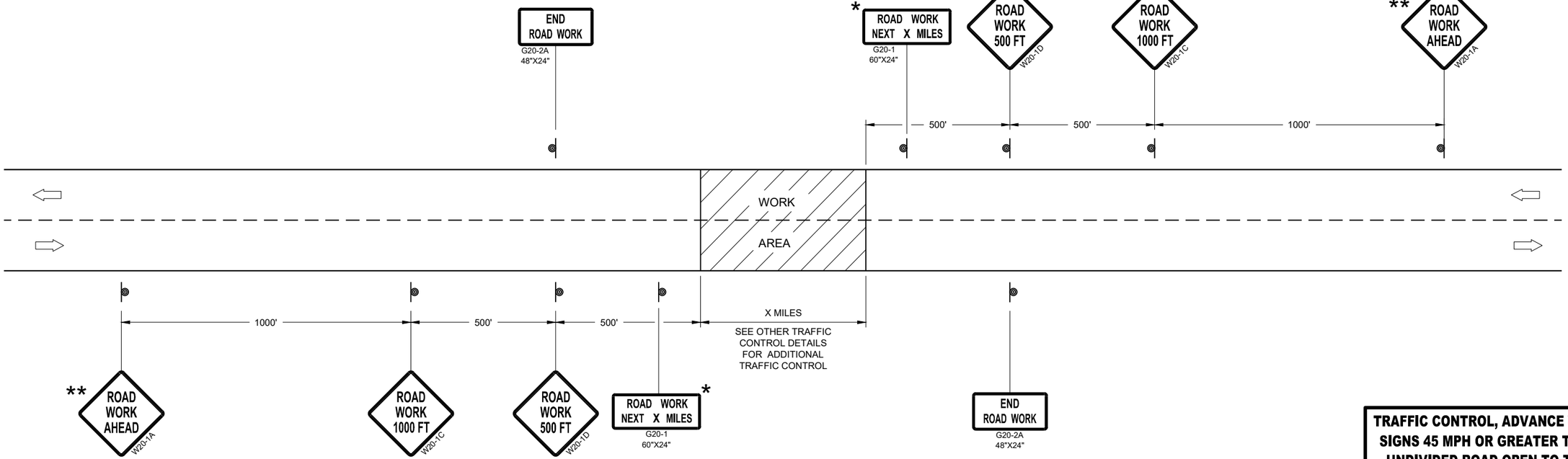
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C04 - 05

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

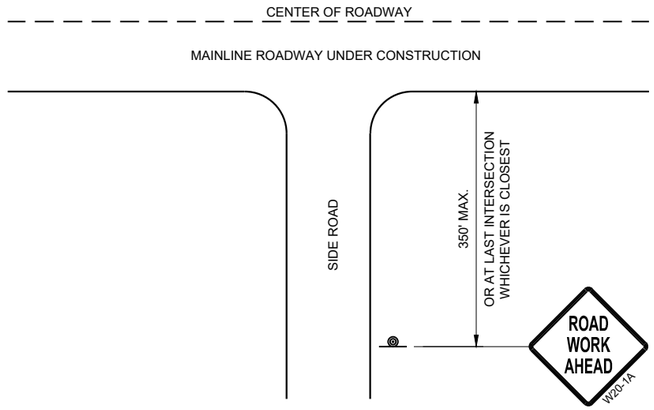
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



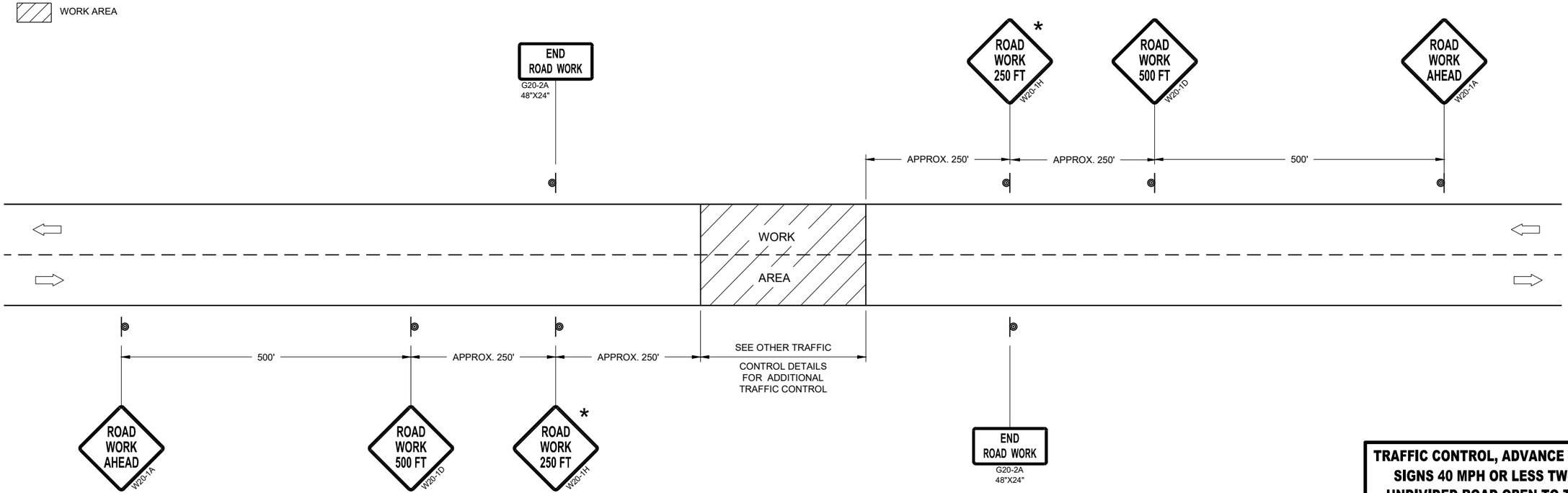
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

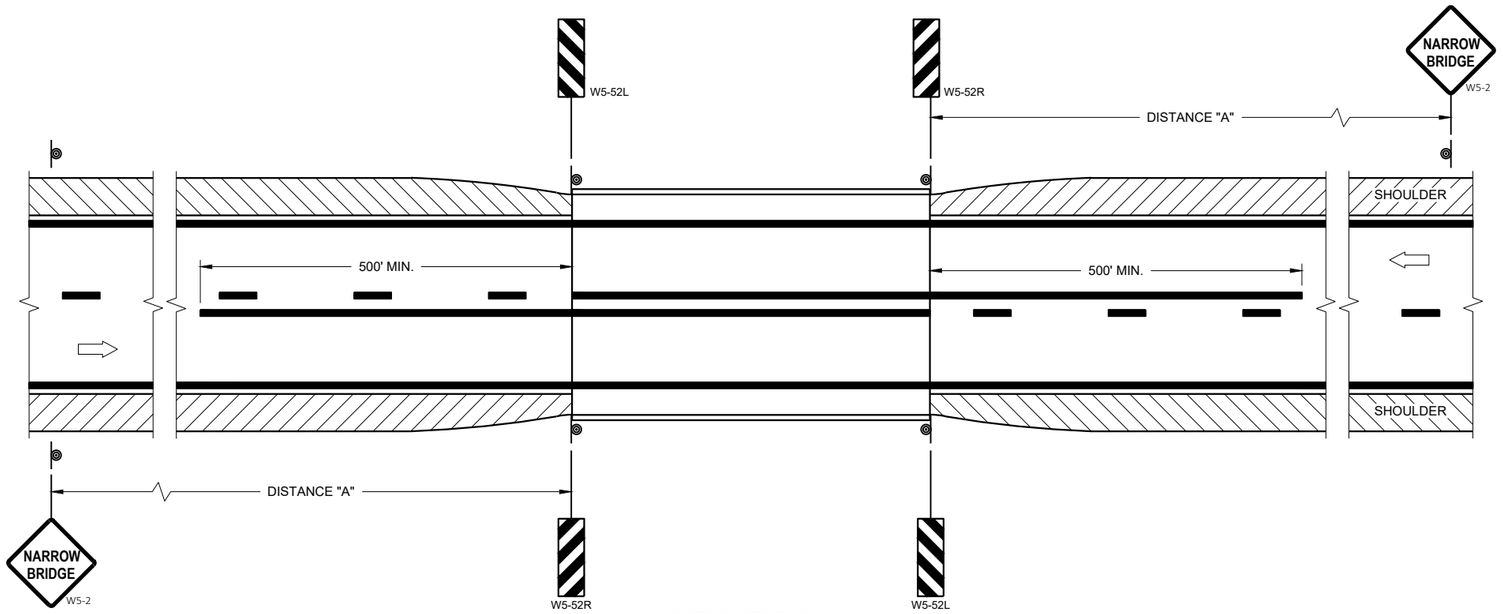
APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

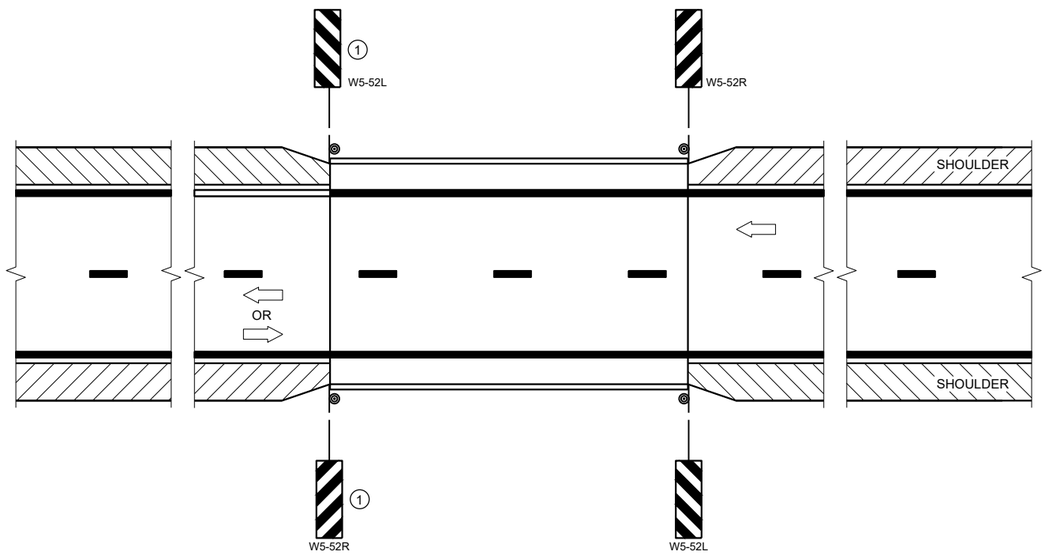
6

SDD 15C05 - 05



SITUATION 1

WARRANTING CRITERIA:
BRIDGE WIDTH IS AT LEAST 16 FEET BUT LESS THAN 24 FEET.



SITUATION 2

WARRANTING CRITERIA:
1. BRIDGE WIDTH IS AT LEAST 24 FEET AND
2. BRIDGE SHOULDER WIDTH IS LESS THAN 6 FEET

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THE DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

LOCATE W5-52 SIGN POST(S) BEHIND GUARDRAIL WHEN PRESENT.

PLACE THE EDGE OF THE W5-52 SIGN IN LINE WITH FACE OF CURB OR PARAPET.

ON BRIDGE ONLY PROJECTS, PLACE 300 FEET OF EDGELINE.

OMIT EDGELINES ON ROADWAYS WITHOUT EXISTING EDGELINES.

(1) OMIT ON ONE-WAY TRAVELED WAYS.

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

DISTANCE TABLE

POSTED OR 85TH PERCENTILE SPEED	DISTANCE "A"
25	150'
30	200'
35	250'
40	300'
45	400'
50	550'
55	700'

SIGNING AND MARKING FOR TWO LANE BRIDGES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

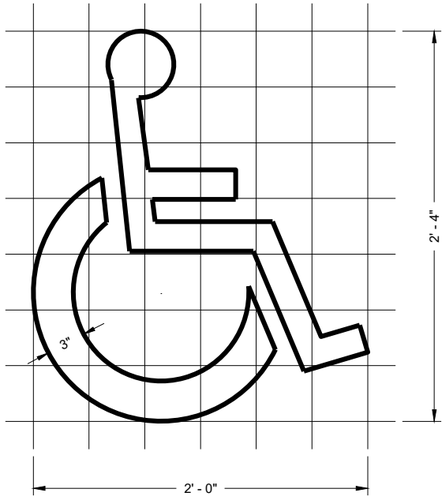
/S/ Jeannie Silver
STATE SIGNING AND MAF ENGINEER

FHWA

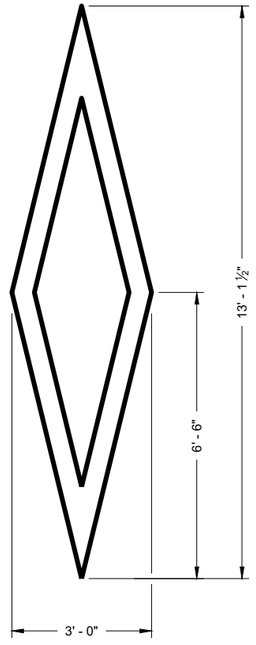
6
SDD 15C06-12

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

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SDD 15C07 - 15a

SDD 15C07 - 15a

PAVEMENT MARKING SYMBOLS

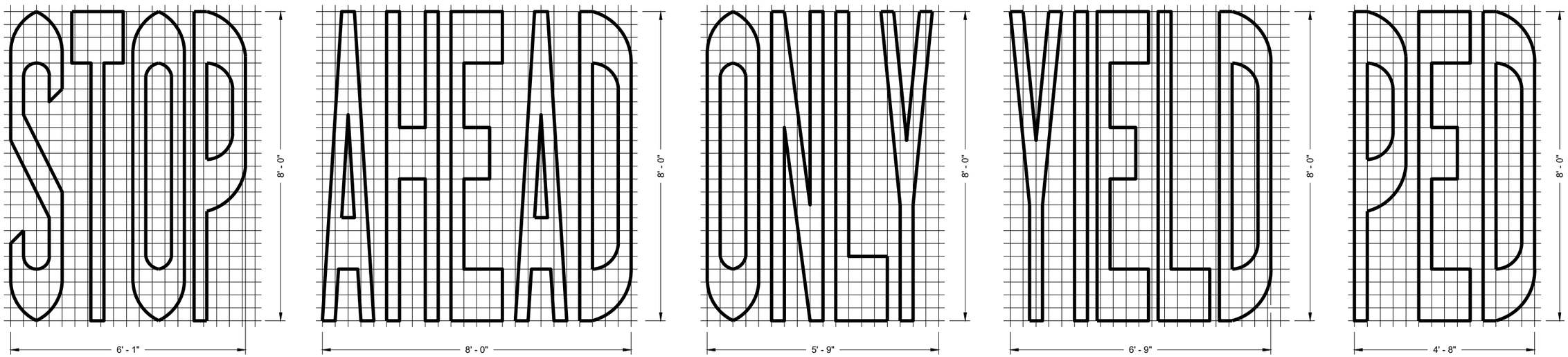
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

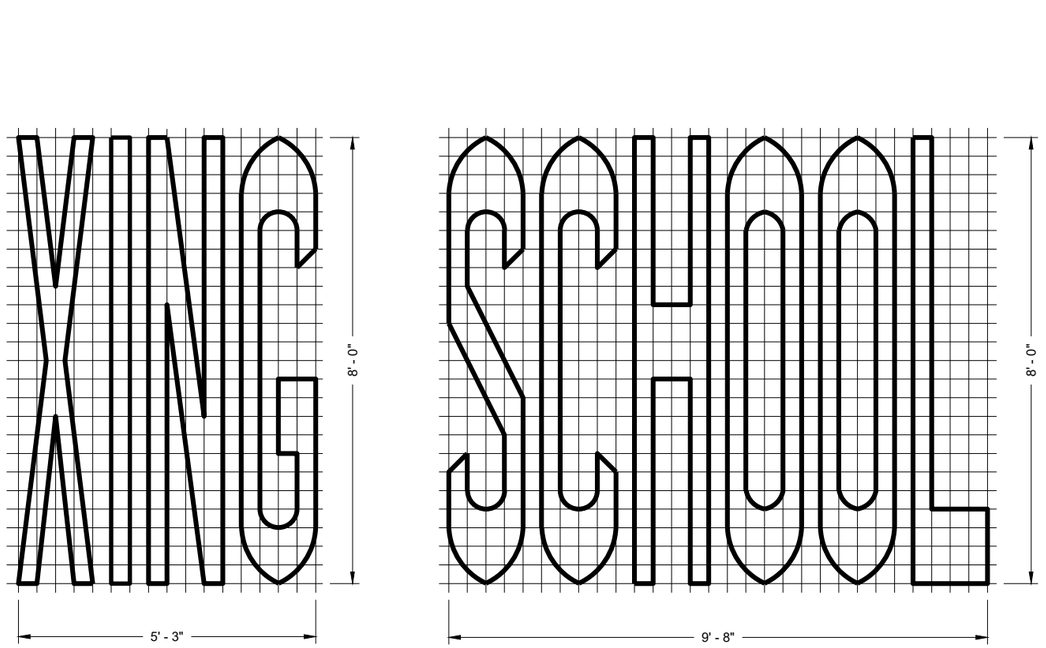
APPROVED

November 2019
DATE

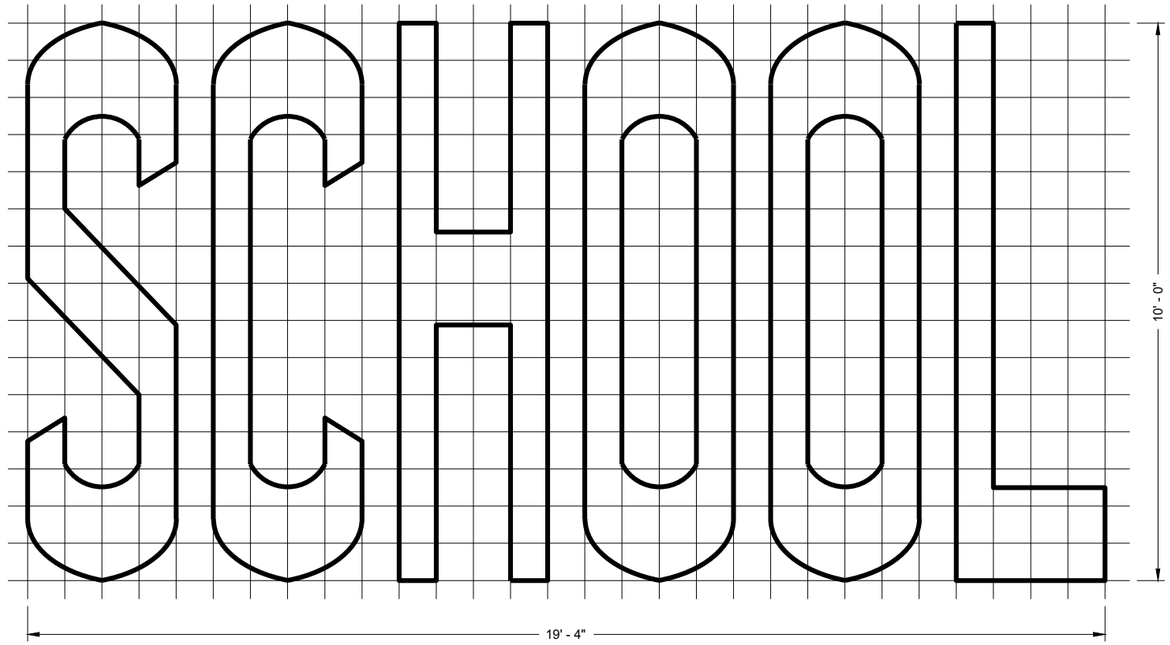
/S/ Matthew Rauch
STATE SIGNING AND MAR ENGINEER

FHWA





SINGLE LANE



TWO - LANE

GENERAL NOTES

DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

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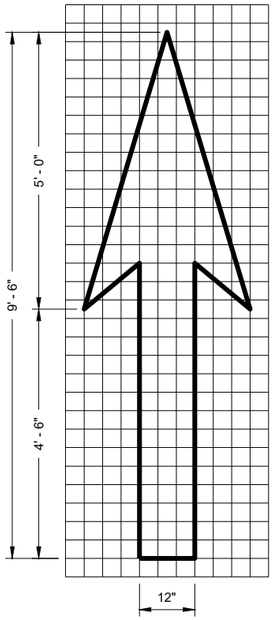
SDD 15C07 - 15b

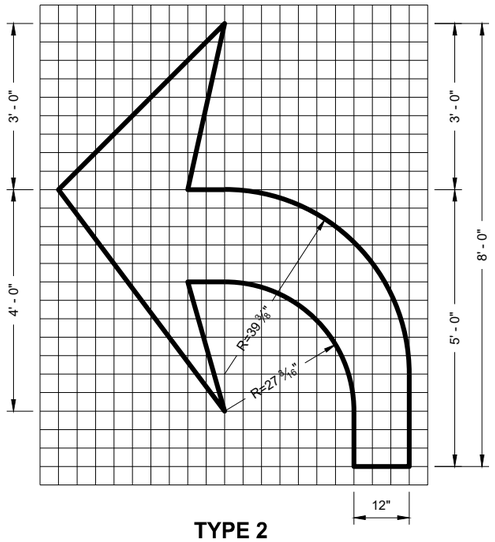
SDD 15C07 - 15b

GENERAL NOTES

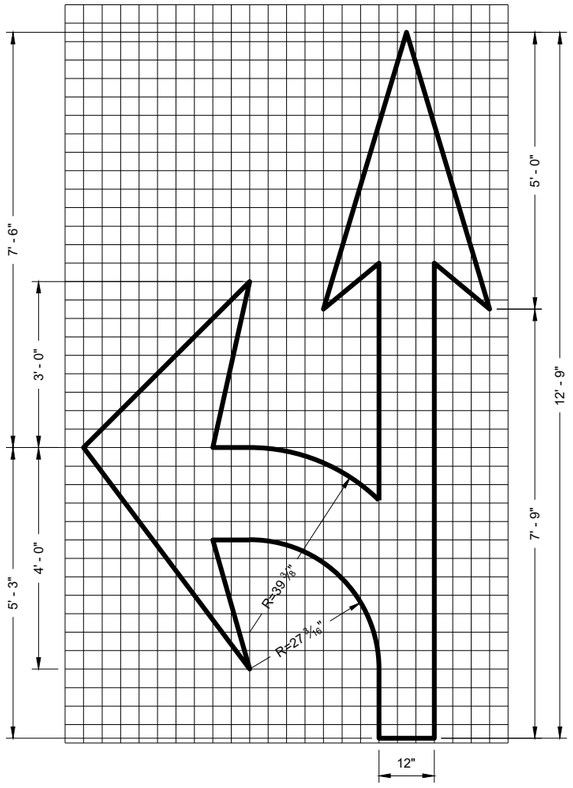
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



TYPE 1



TYPE 2



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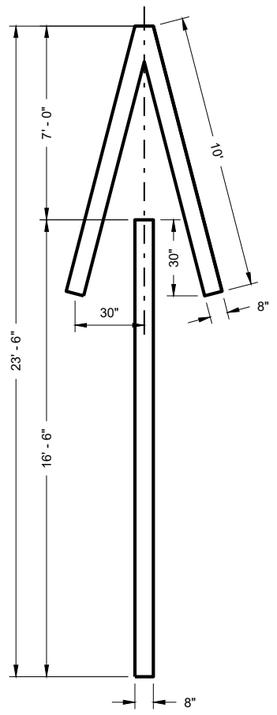
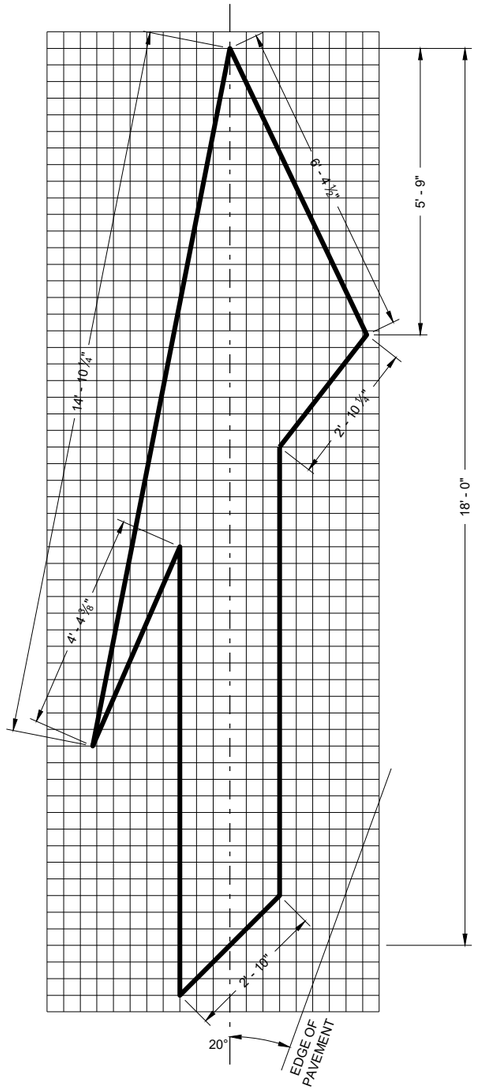
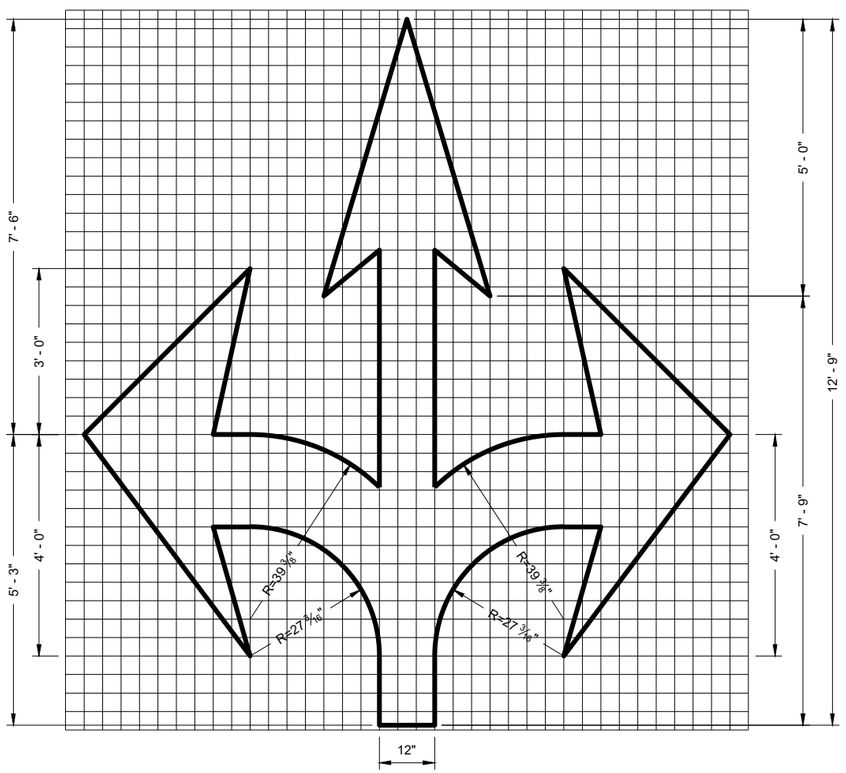


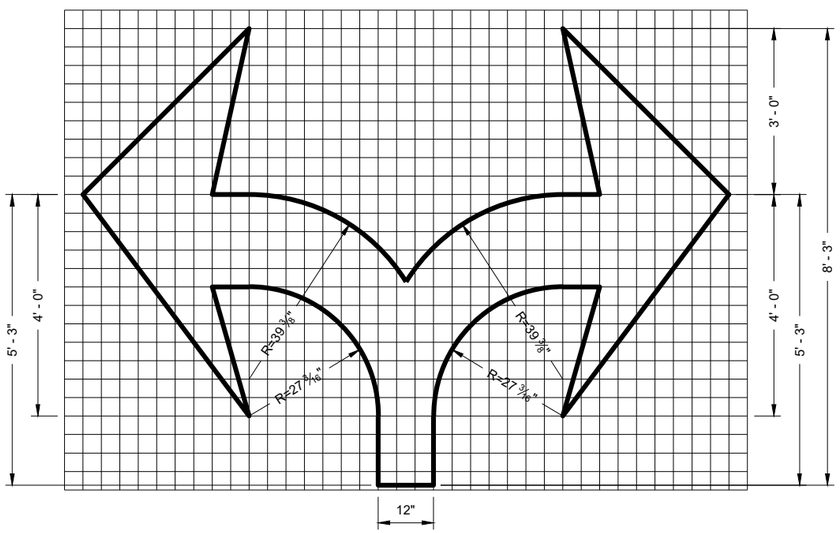
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAF ENGINEER

FHWA

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SDD 15C07 - 15c

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SDD 15C07 - 15c

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING

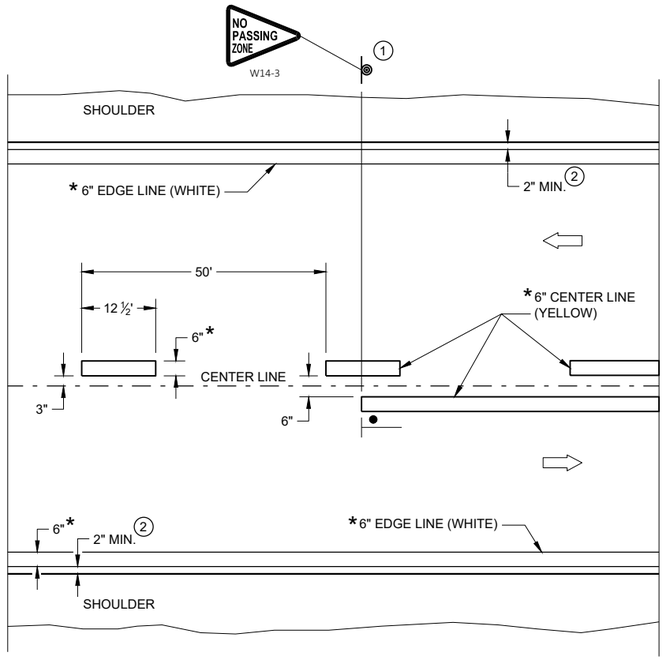
(2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

LEGEND

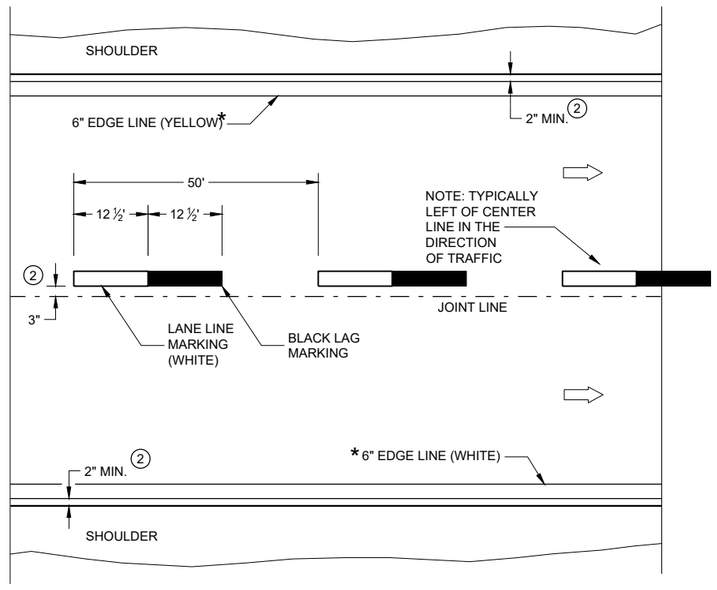
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — STATEWIDE SIGNING AND M ENGINEER
FHWA

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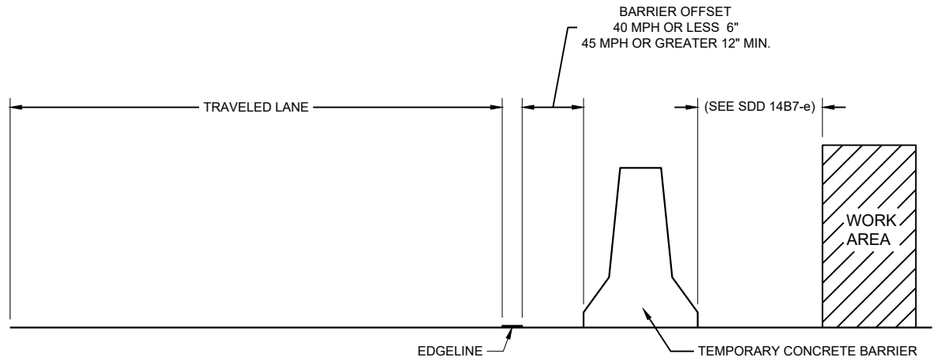
SDD 15C08-23a



TEMPORARY BARRIER OFFSET FROM EDGELINE

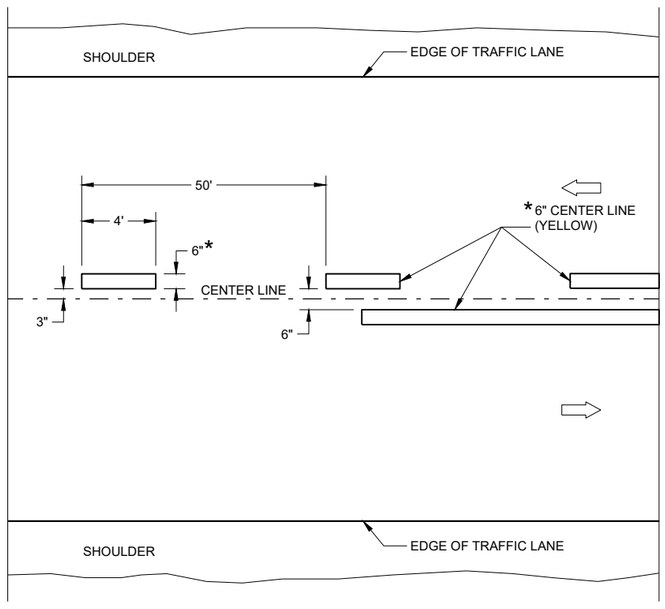
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

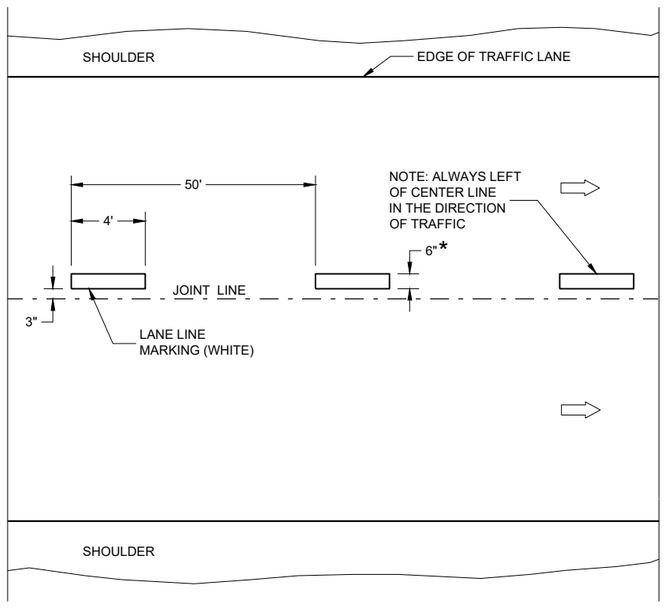
LEGEND

⇨ DIRECTION OF TRAFFIC

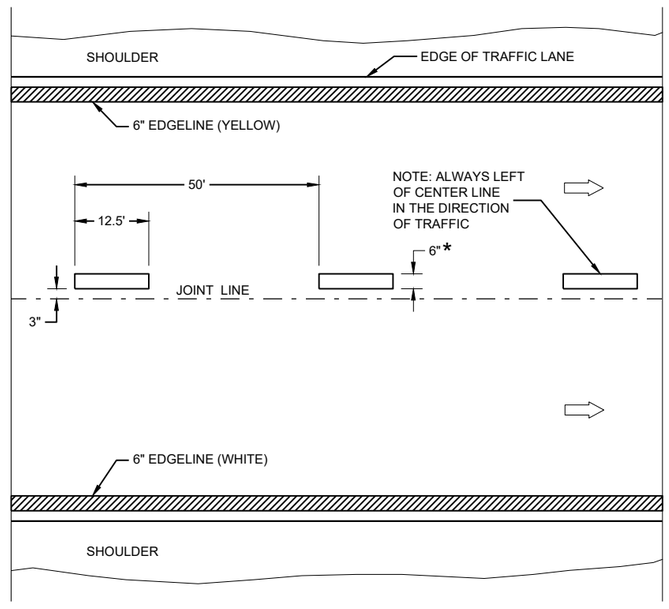
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2023 DATE	/S/ Jeannie Silver STATEWIDE SIGNING AND M ENGINEER

FHWA

6

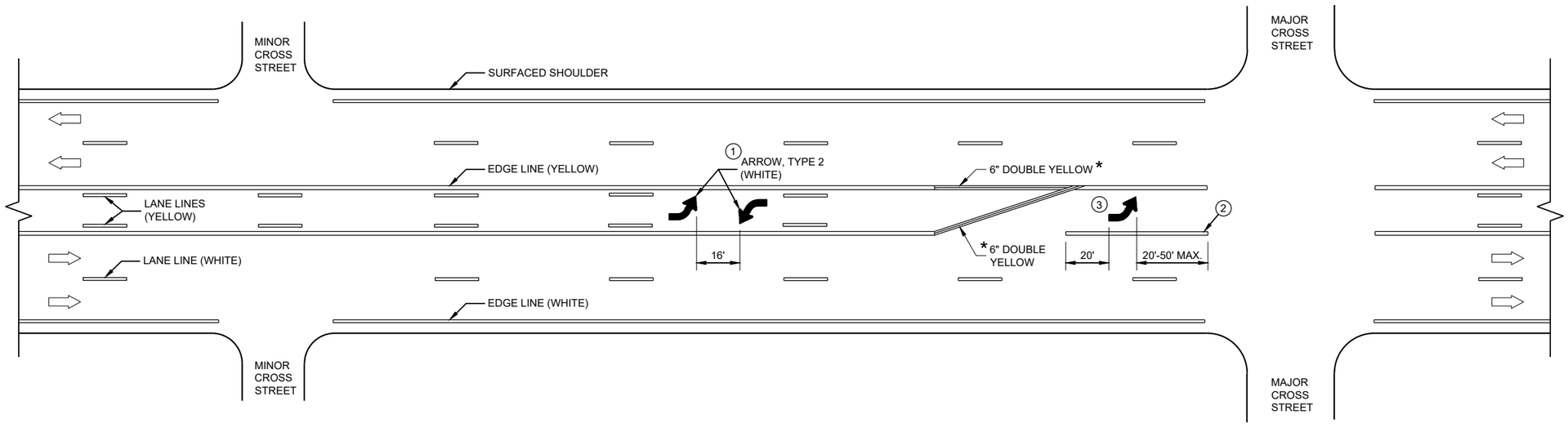
SDD 15C08-23b

GENERAL NOTES

1. A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.
2. 10" WHITE
3. TURN BAY LENGTH OF LESS THAN 48' DOES NOT REQUIRE PAVEMENT ARROWS OR TEXT.

DIRECTION OF TRAFFIC

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY LEFT TURN LANE

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SDD 15C08-23c

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA· 371

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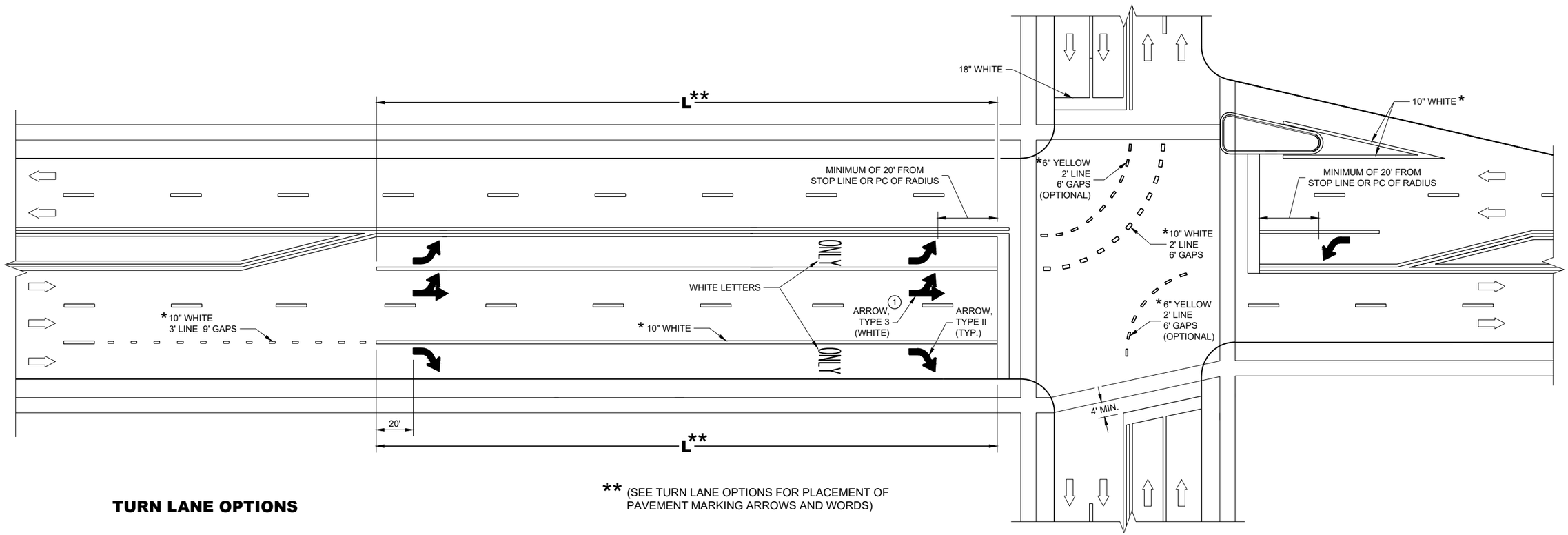
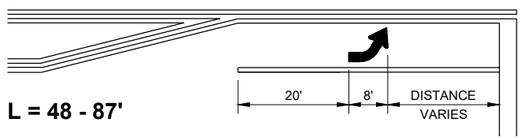
SDD 15C08-23c



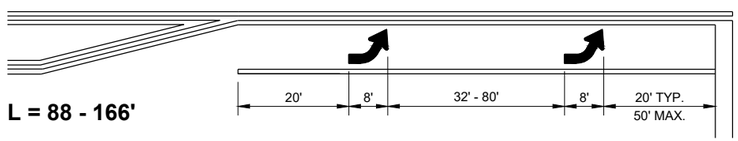
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

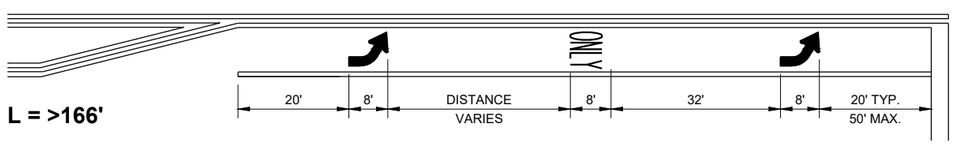
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

1. QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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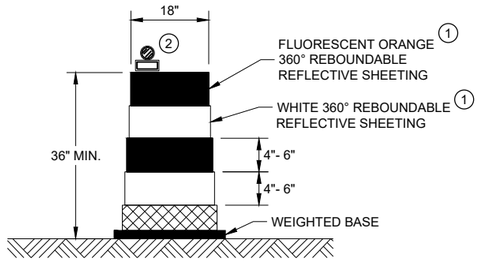
SDD 15C08-23d

SDD 15C08-23d

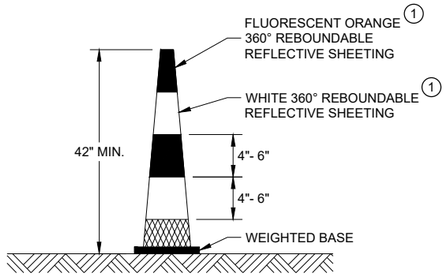
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

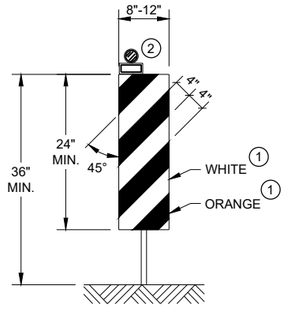
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

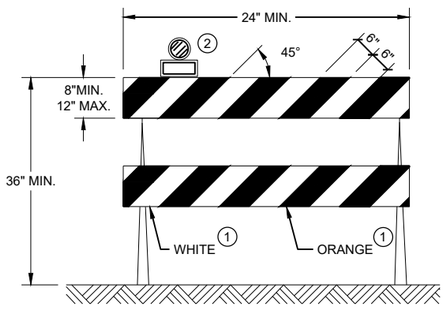
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



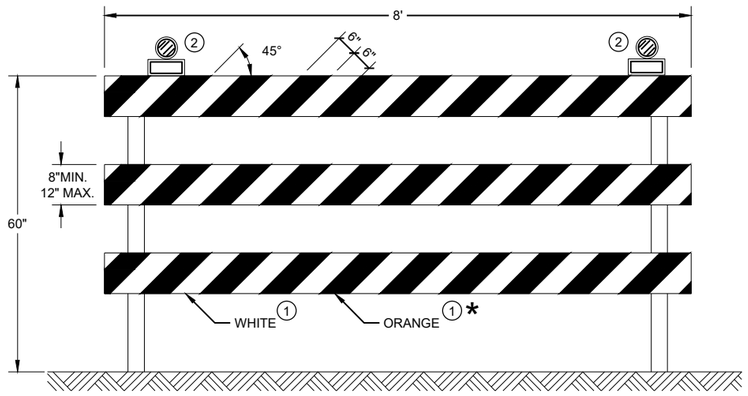
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C11 - 10b

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SDD 15C11 - 10b

LEGEND

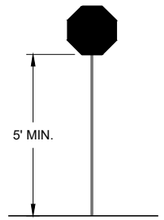
SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF



STOP/SLOW PADDLE ON SUPPORT STAFF

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

(1) FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

TEMPORARY PORTABLE RUMBLE STRIPS

UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

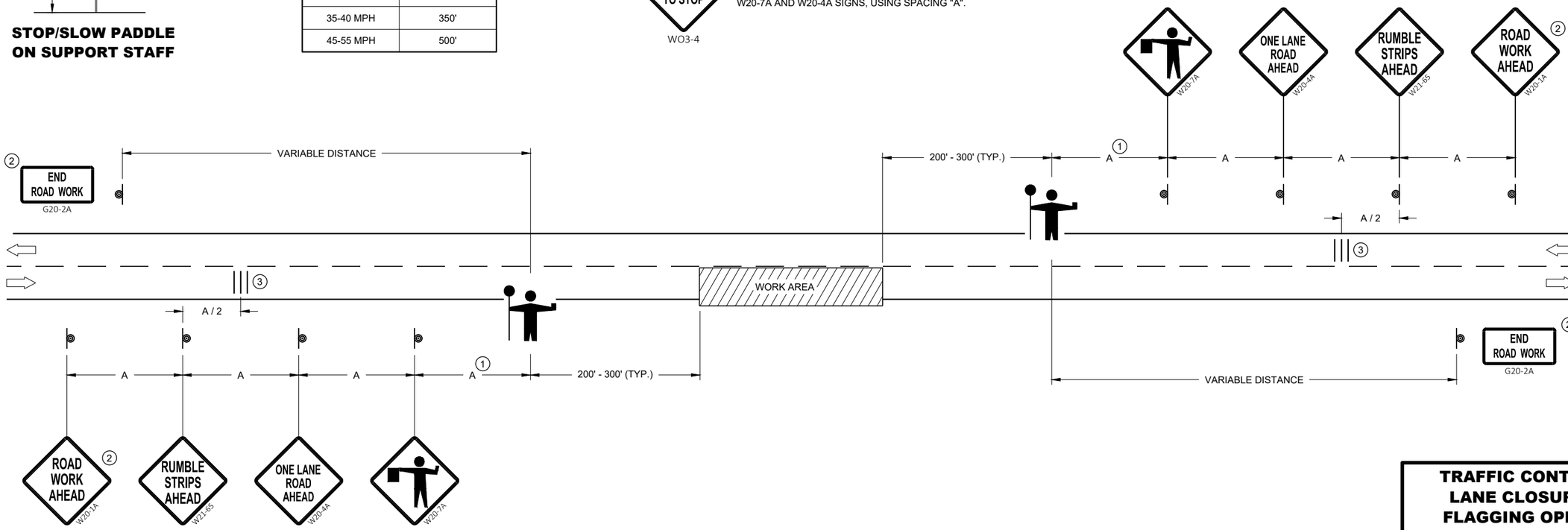
DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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SDD 15C12 - 09a

GENERAL NOTES

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL CONE 42-INCH
- TRAFFIC CONTROL DRUM
- TEMPORARY PORTABLE RUMBLE STRIP ARRAY
- DIRECTION OF TRAFFIC
- WORK AREA
- AFAD — AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD)

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

FLAGGING

IF THE AUTOMATED FLAGGER ASSISTANCE DEVICE (AFAD) STOPS WORKING, FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED.

(1) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(2) IF FLAGGERS ARE PHYSICALLY NEEDED TO FLAG, REPLACE WO3-4 SIGNS WITH W20-7A SIGNS.

TEMPORARY PORTABLE RUMBLE STRIPS

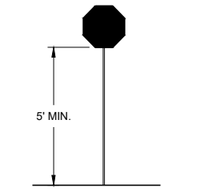
UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS.

ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM THE APPROVED PRODUCTS LIST.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS.

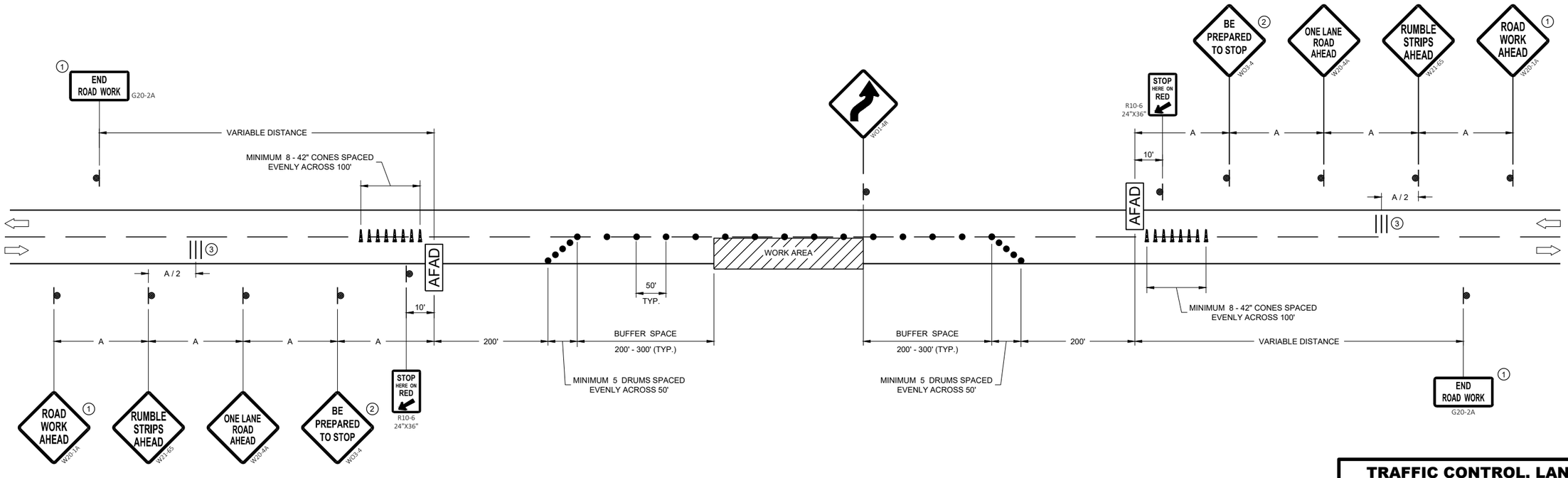
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSELY AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER.



STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



TRAFFIC CONTROL, LANE CLOSURE WITH AUTOMATED FLAGGER ASSISTANCE DEVICE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 — DATE
/S/ Andrew Heidtke — WORK ZONE ENGINEER

FHWA

SDD 15C12 - 09b

SDD 15C12 - 09b

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

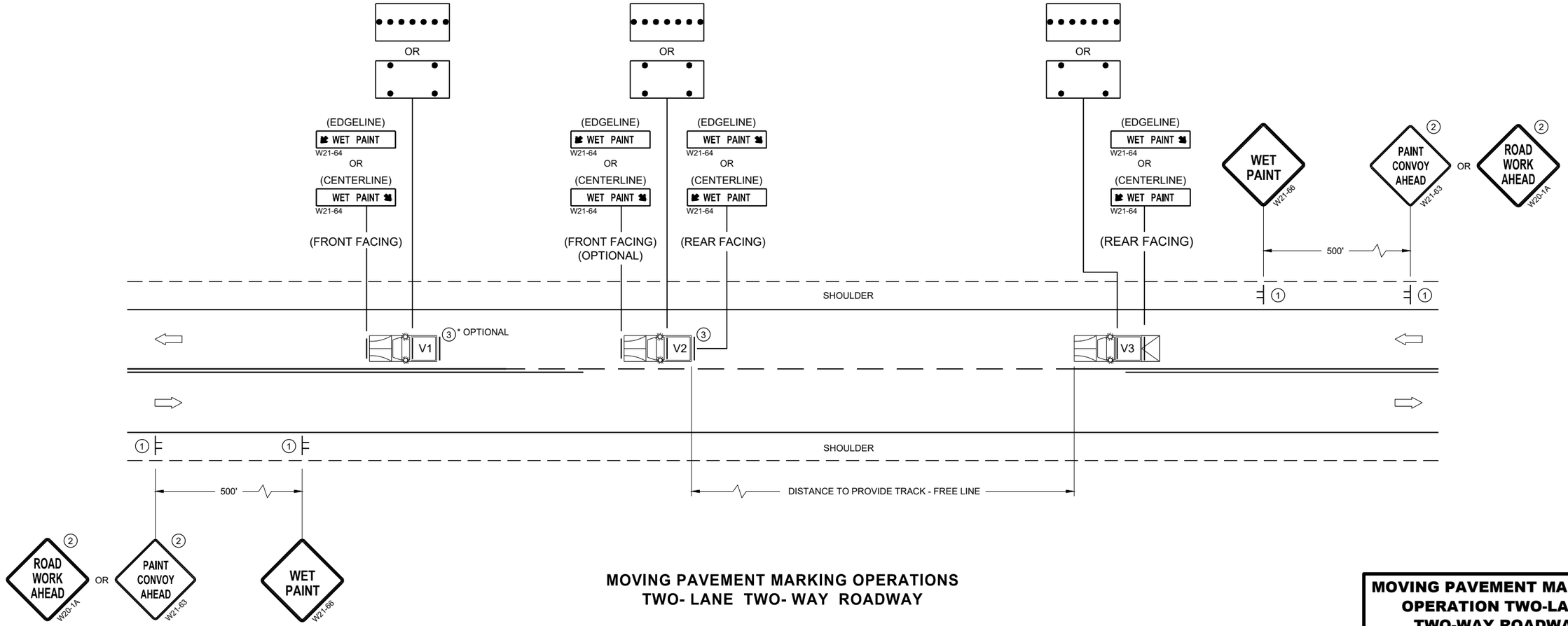
CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLE AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.

(3) V1 AND V2 CAN BE SWITCHED SO THAT THE MARKER IS THE LEAD VEHICLE.



MOVING PAVEMENT MARKING OPERATIONS
TWO- LANE TWO- WAY ROADWAY

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Andrew I
WORK ZONE EN

FHWA

6

SDD 15C19-08a

6

SDD 15C19-08a

LEGEND

V1 LEAD VEHICLE

V2 MARKING VEHICLE

V3 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC

FLASHING ARROW PANEL (MERGE)

FLASHING ARROW PANEL (CAUTION)

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL AND HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

WHEN WORK ACTIVITY BLOCKS THE LEFT LANE, REVERSE TRAFFIC CONTROL.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, PROVIDE ADDITIONAL TRAFFIC CONTROLS AS SPECIFIED IN THE CONTRACT OR AS APPROVED BY THE ENGINEER.

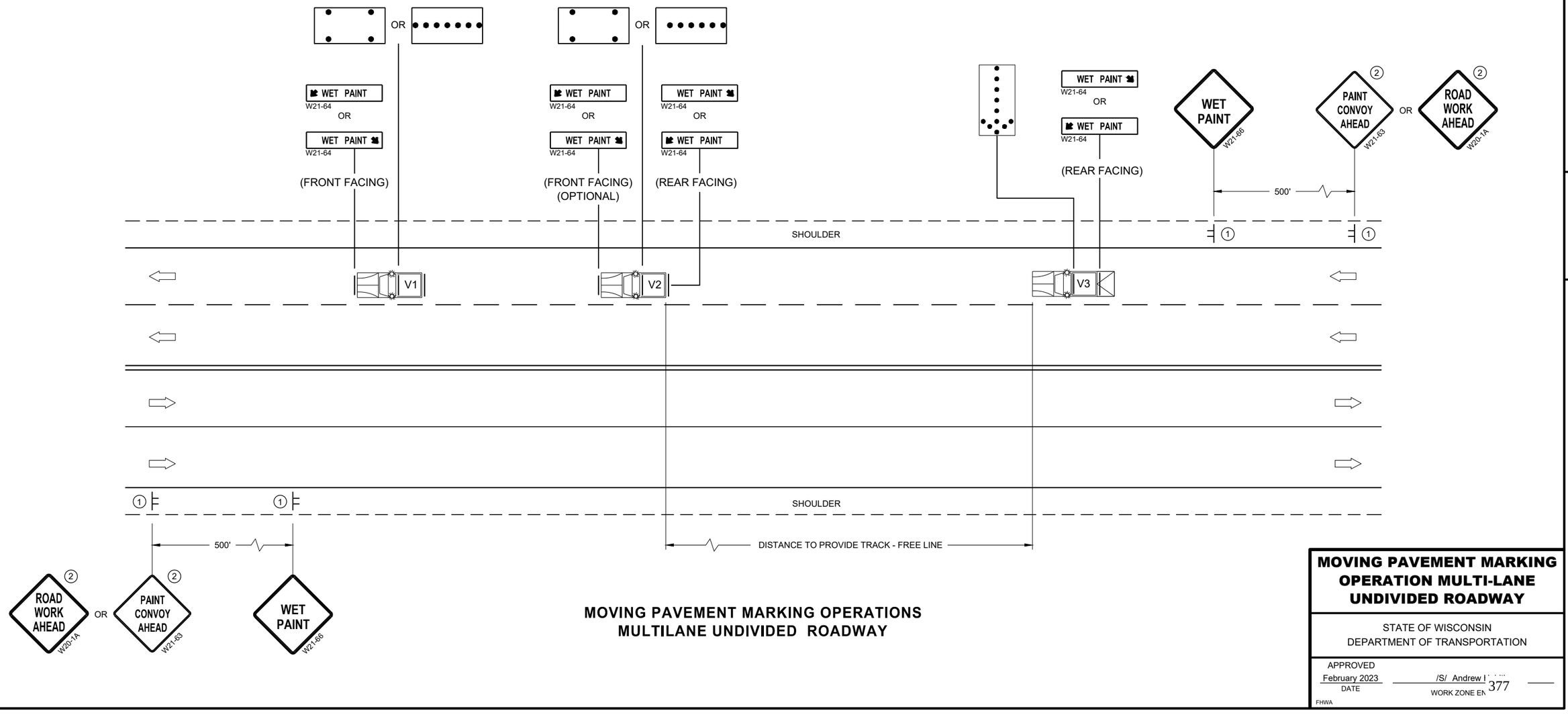
WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR LAY STATIONARY SIGNS AND SUPPORTS FLAT ON THE GRADE WITH UPRIGHTS ORIENTED PARALLEL TO AND DOWNSTREAM FROM TRAFFIC.

CONES SHOULD BE USED BETWEEN THE MARKING AND SHADOW VEHICLES AT 100 FOOT SPACING. CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

CONES SHALL HAVE A MINIMUM HEIGHT OF 28" FOR WET PAVEMENT MARKINGS.

(1) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(2) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1A OR W21-63 ARE NOT REQUIRED.



MOVING PAVEMENT MARKING OPERATIONS
MULTILANE UNDIVIDED ROADWAY

MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2023
DATE

/S/ Andrew I...
WORK ZONE EN

FHWA

6

SDD 15C19-08b

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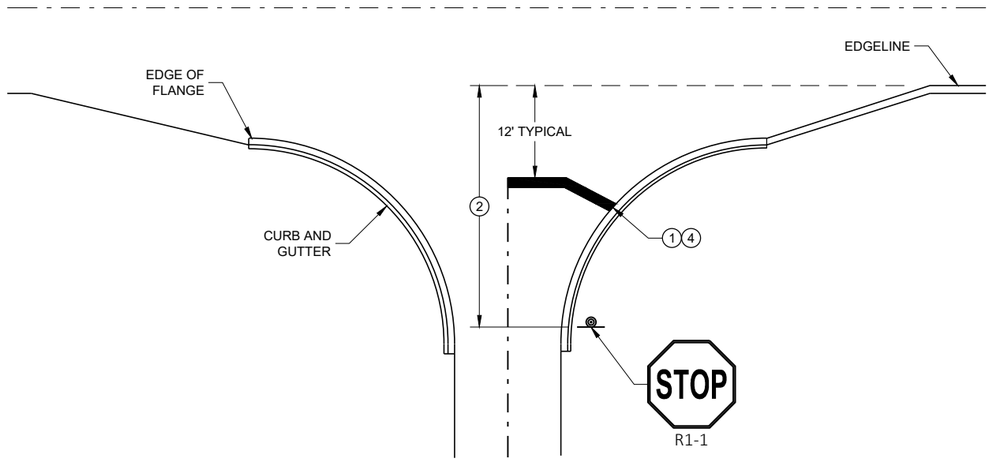
SDD 15C19-08b

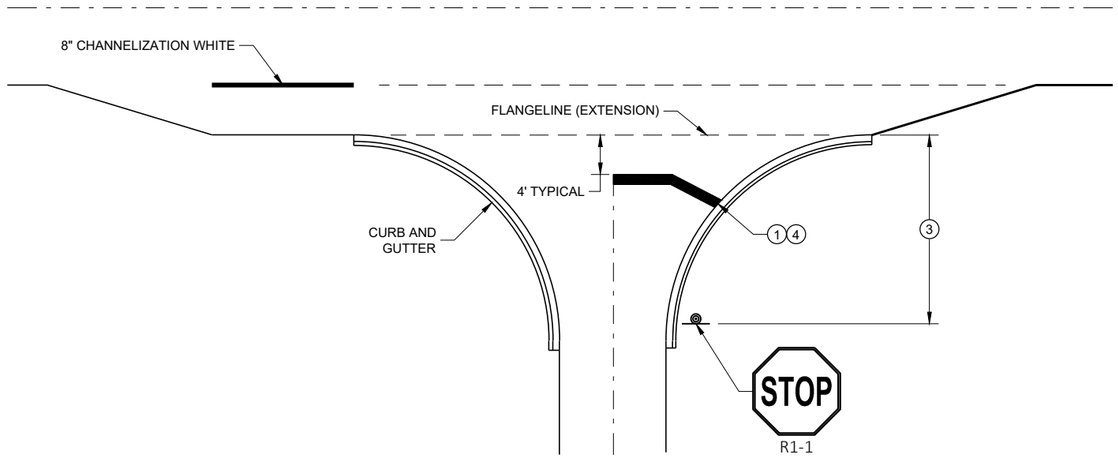
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

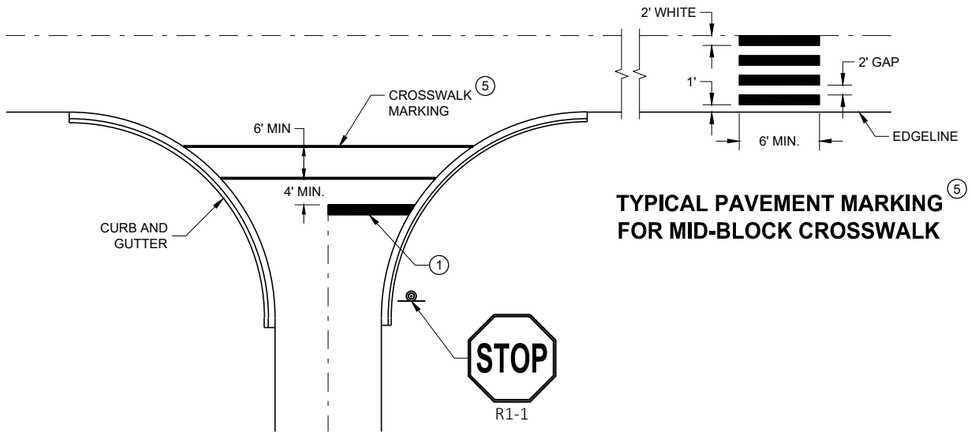
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES INSTEAD.



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

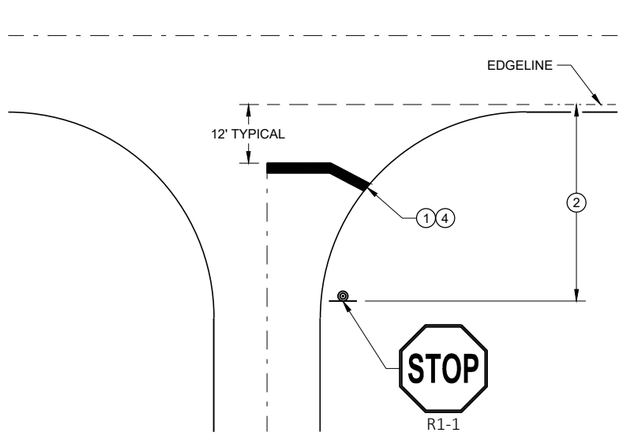


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING

TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MARKING ENGINEER

FHWA

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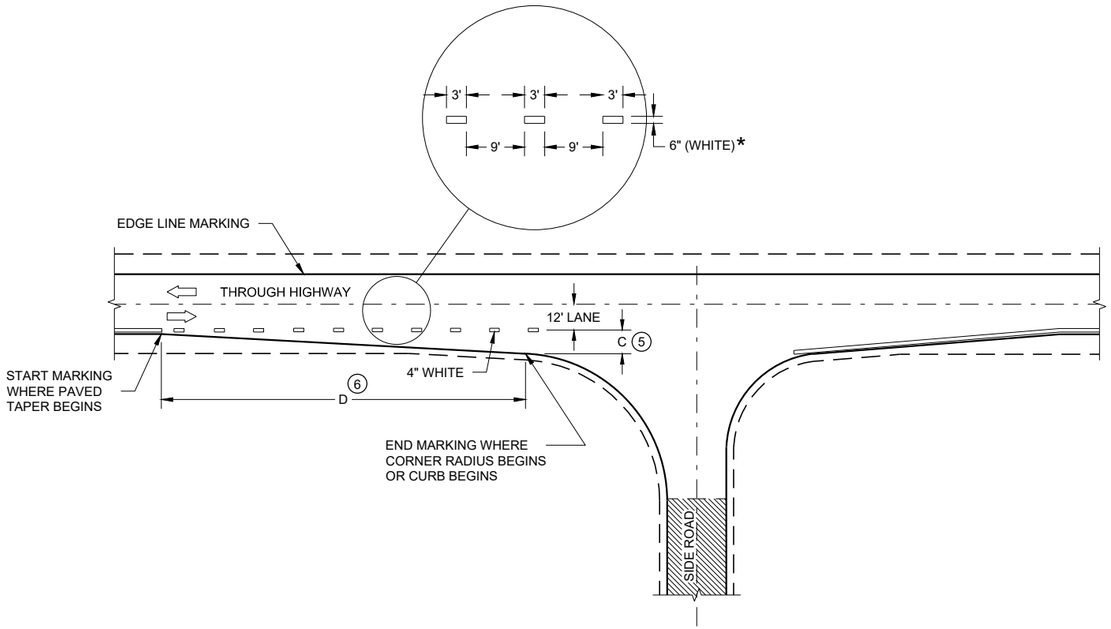
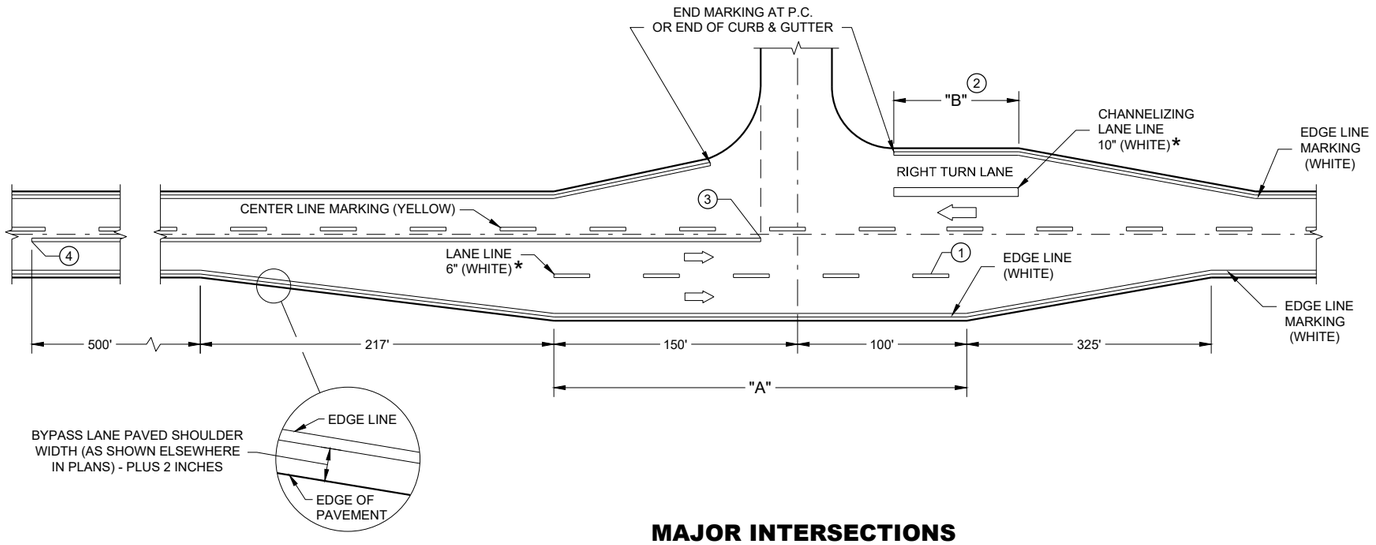
SDD 15C33 - 04



MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

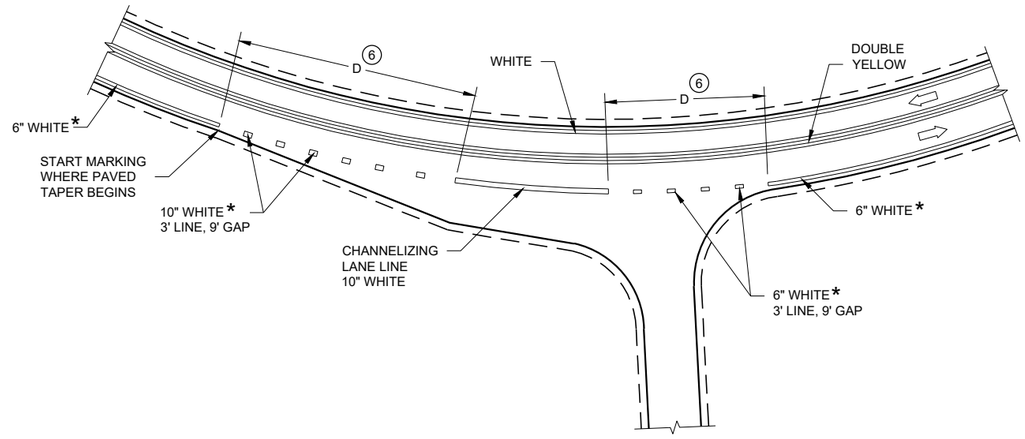
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

PAVEMENT MARKING (INTERSECTIONS)

SDD 15C35-06a

6

LEGEND

- SIGN ON PERMANENT SUPPORT
- TRAFFIC CONTROL DRUM
- DIRECTION OF TRAFFIC
- WORK ZONE

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS IN URBAN AREAS, 36" X 36" SIGNS MAY BE USED IF APPROVED BY THE REGIONAL TRAFFIC UNIT.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

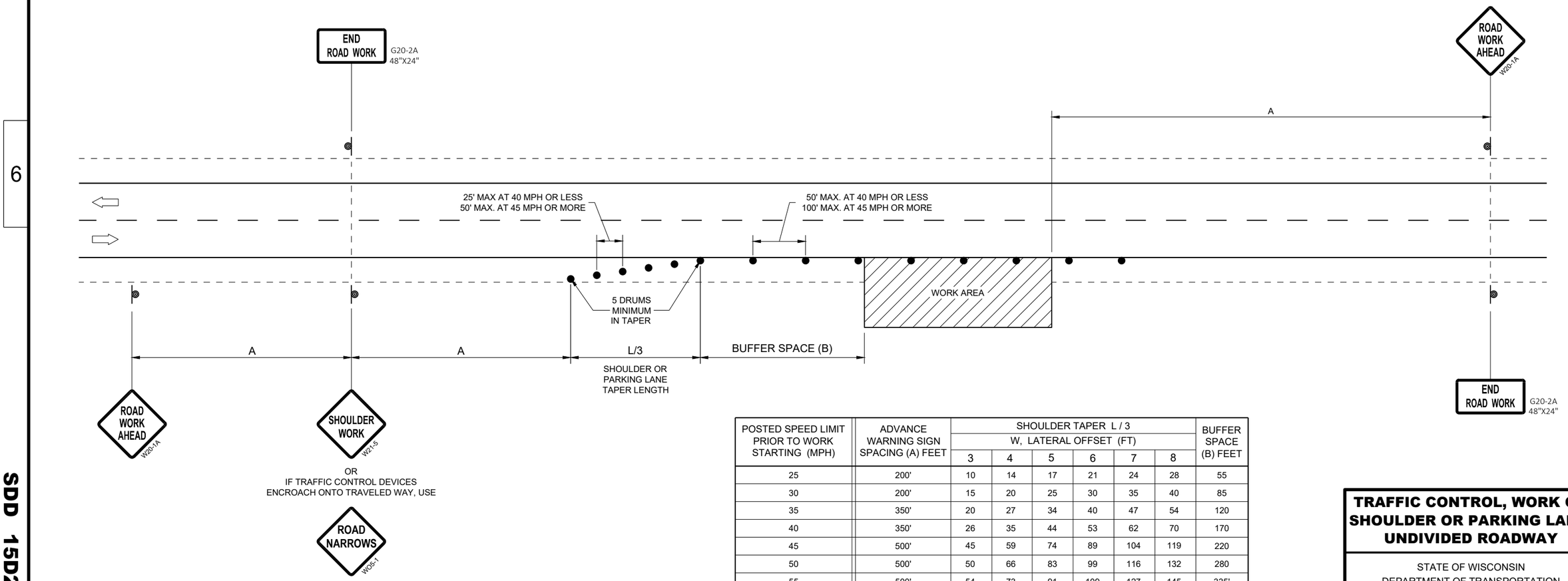
ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

W20-1A AND G20-2A SIGNS ARE NOT REQUIRED IF THE WORK AREA IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT. G20-2A SIGNS MAY ALSO BE OMITTED IF DURATION OF WORK IS LESS THAN 7 CONTINUOUS DAYS AND NIGHTS.



POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	59	74	89	104	119	220
50	500'	50	66	83	99	116	132	280
55	500'	54	73	91	109	127	145	335'

TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE T SAFETY ENGINEER

FHWA

6

SDD 15D28 - 04

LEGEND

- SIGN ON TEMPORARY SUPPORT
- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET
0-30	200'
35-40	350'
45-55	500'

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

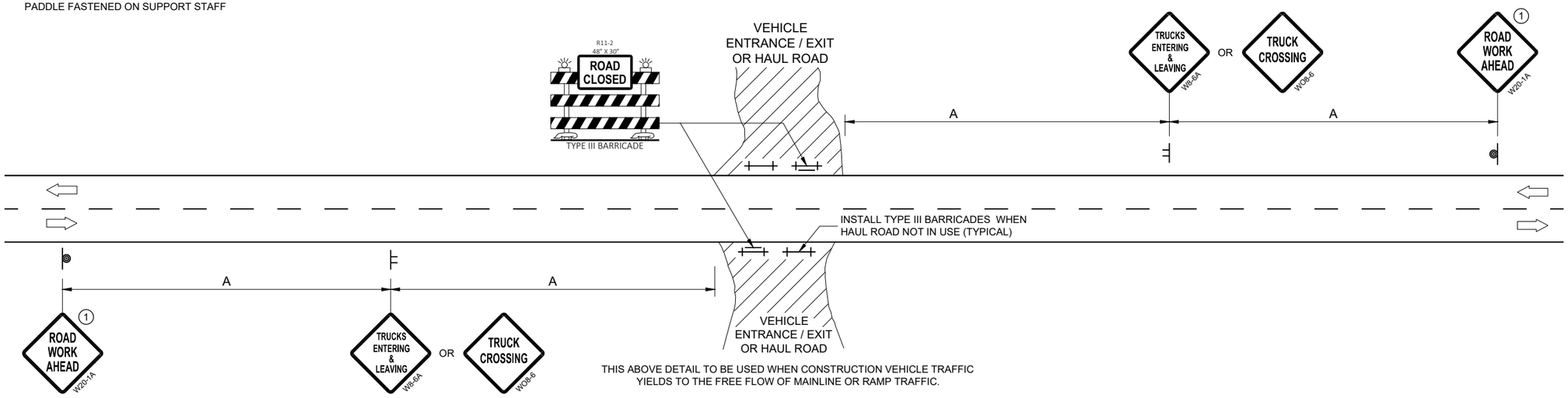
WARNING SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

WHEN ACTIVITY REFLECTED BY THE SIGN IS NOT CURRENTLY TAKING PLACE, THE HIGHWAY SHALL BE RESTORED TO NORMAL CONDITION AND THE SIGNS SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC.

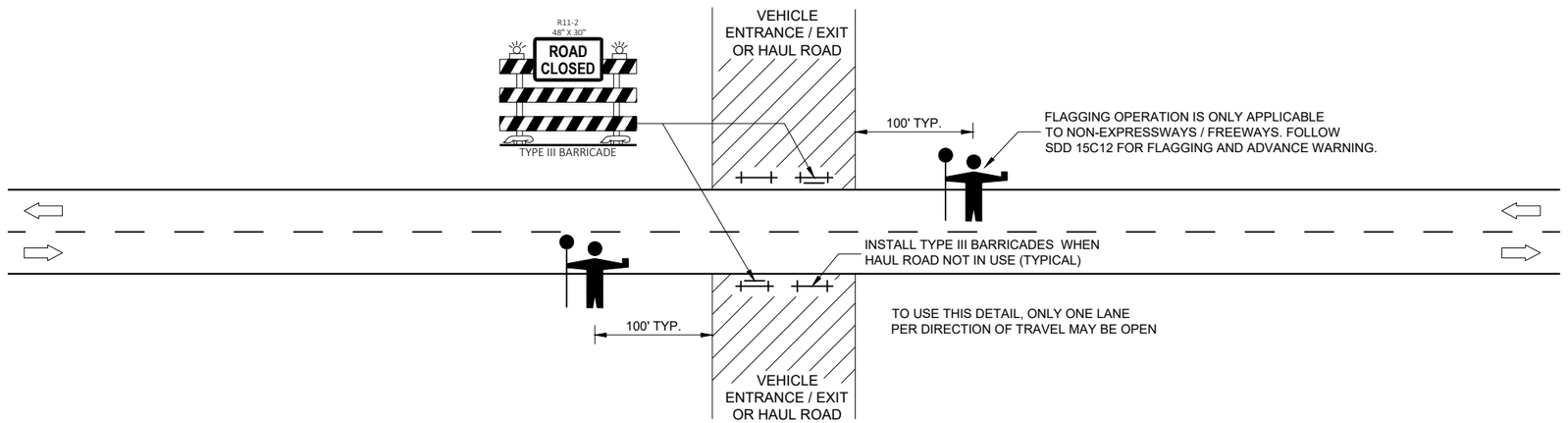
WHEN A SIDE ROAD OR RAMP INTERSECTS WITHIN THE ADVANCE SIGNING AREA, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND / OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

PLACE SIGNS ON BOTH SIDES IF USED ON DIVIDED HIGHWAY.

(1) THESE SIGNS ARE TO BE USED ONLY WHEN VEHICLE ENTRANCE / EXIT CONDITIONS ARE SEPARATED BY MORE THAN TWO MILES FROM PREVIOUS WORK AREA OR SIGNING OR AS DIRECTED BY THE ENGINEER.



THIS ABOVE DETAIL TO BE USED WHEN CONSTRUCTION VEHICLE TRAFFIC YIELDS TO THE FREE FLOW OF MAINLINE OR RAMP TRAFFIC.



TO USE THIS DETAIL, ONLY ONE LANE PER DIRECTION OF TRAVEL MAY BE OPEN

THIS DETAIL TO BE USED WHEN CONSTRUCTION WORK INCLUDING TRUCKING ACTIVITY REQUIRES MAINLINE TRAFFIC TO BE TEMPORARILY STOPPED IN ONE OR BOTH DIRECTIONS. DELAY TO HIGHWAY TRAFFIC SHALL BE MINIMIZED.

TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15D29 - 06

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

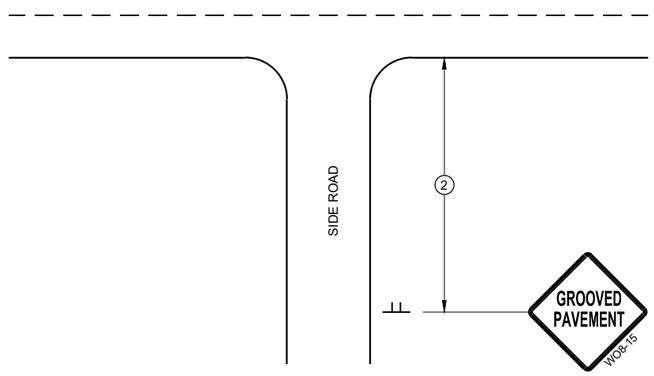
(1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

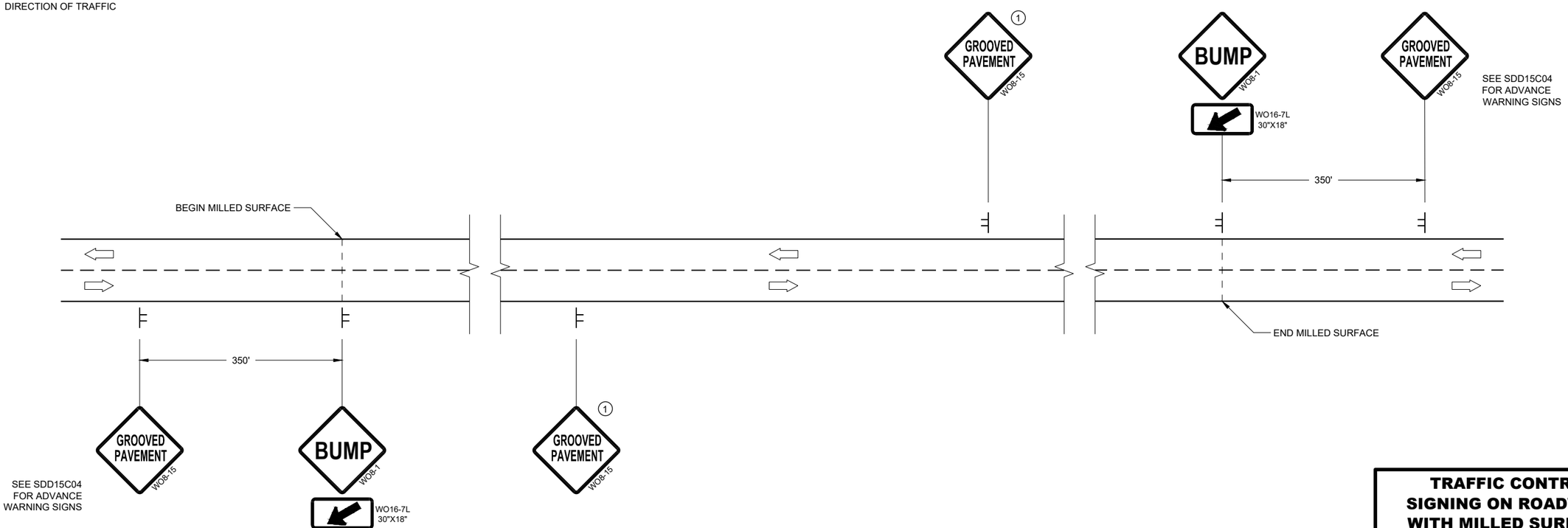
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2020
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6
SDD 15D44 - 02

GENERAL NOTES

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THAT THE BACKGROUND IS ORANGE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

(1) PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.

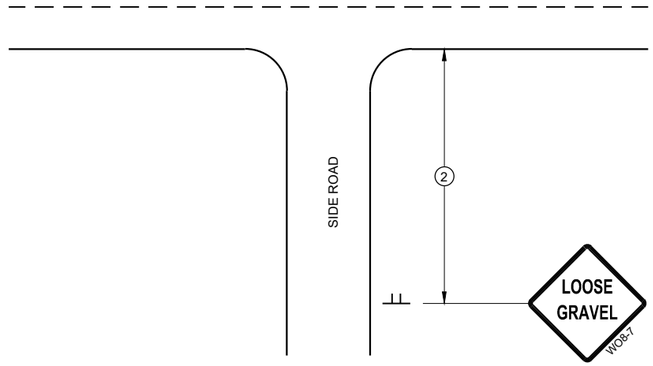
(2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

(3) ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

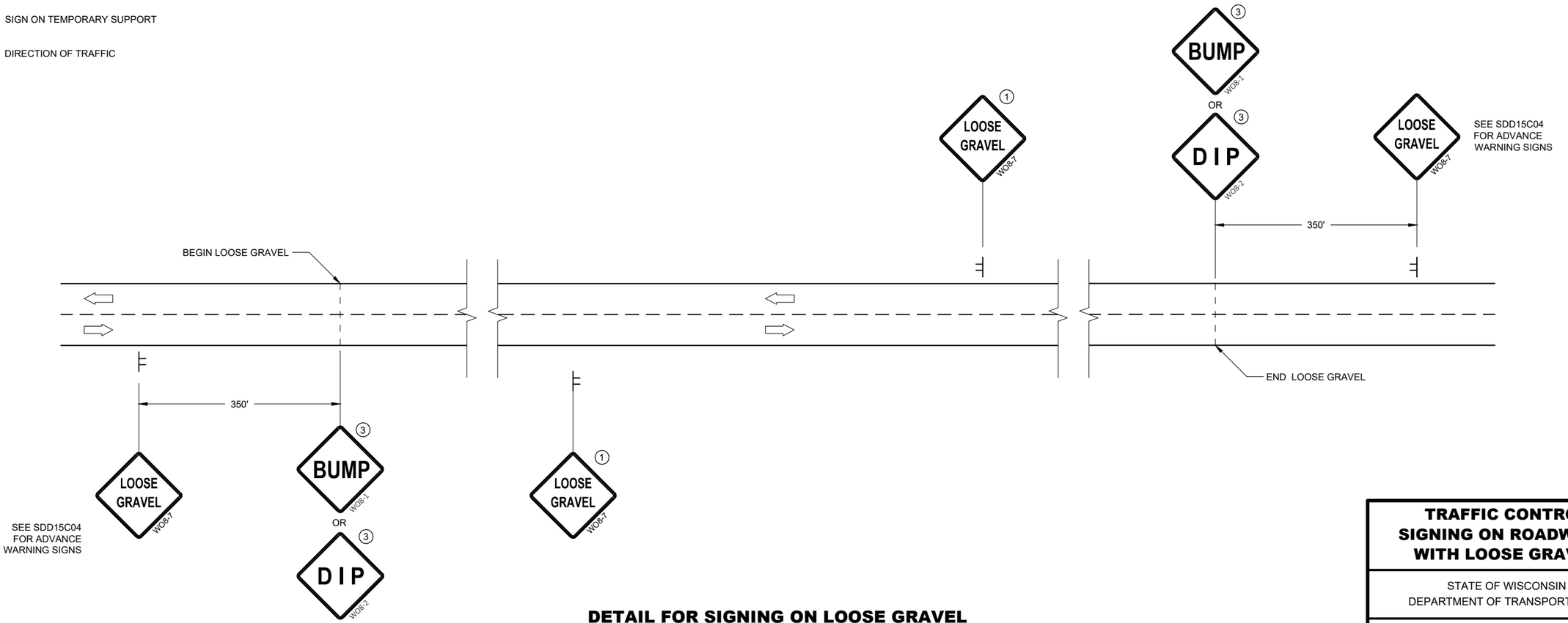
LEGEND

SIGN ON TEMPORARY SUPPORT

DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL OR CHIP SEALED SURFACES

TRAFFIC CONTROL SIGNING ON ROADWAYS WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2021
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

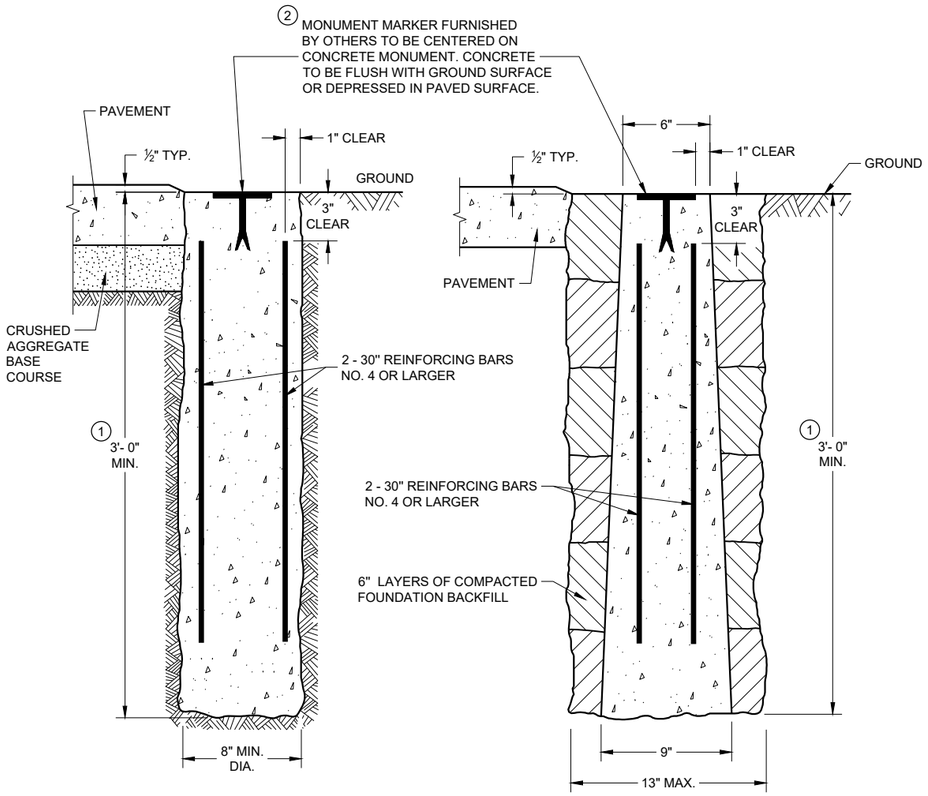
FHWA

6

SDD 15D45 - 03

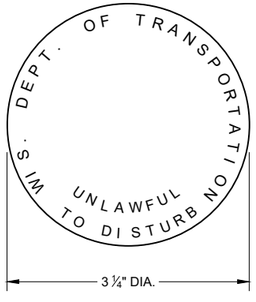
6

SDD 15D45 - 03



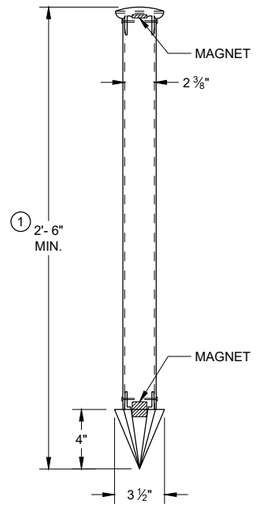
CAST-IN-PLACE **PRECAST**

CONCRETE MONUMENTS
TYPE A

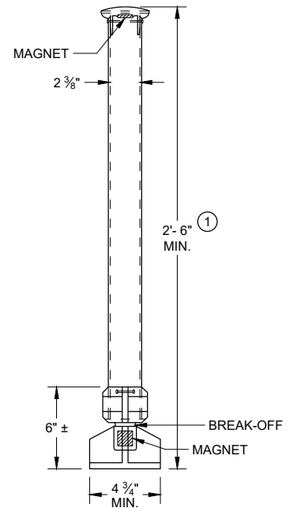


② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C" & "D"

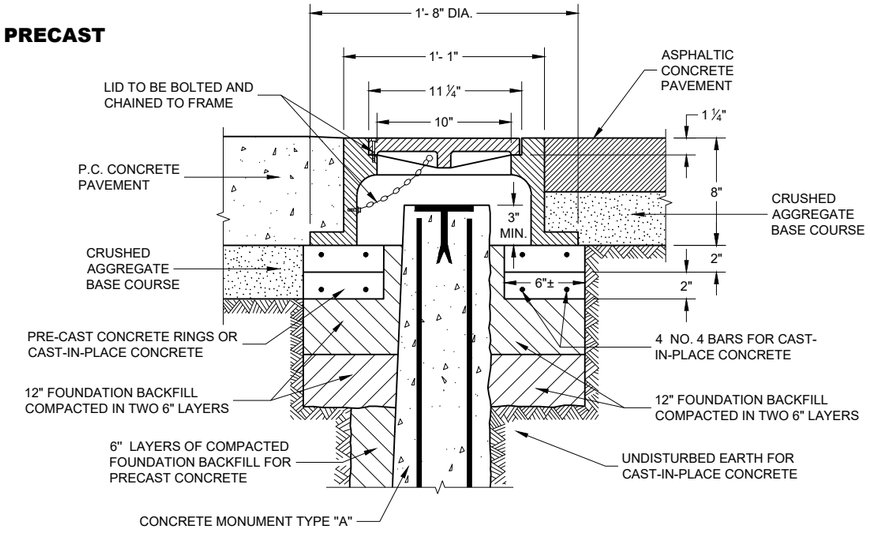


TYPE C
DRIVEN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS
(INCLUDES MARKER)



CAST IRON MONUMENT COVER
(APPROXIMATE WEIGHT 95 LBS)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

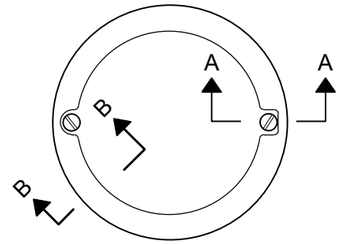
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

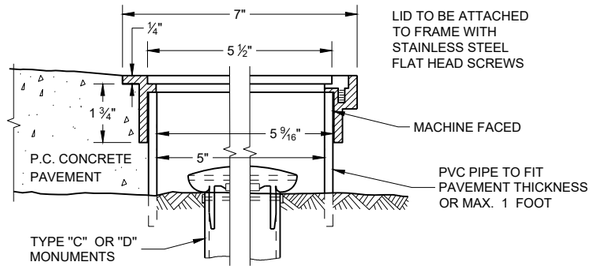
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WISDOT MARKER.



TOP VIEW



SECTION B-B **SECTION A-A**

ALUMINUM MONUMENT COVER
(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

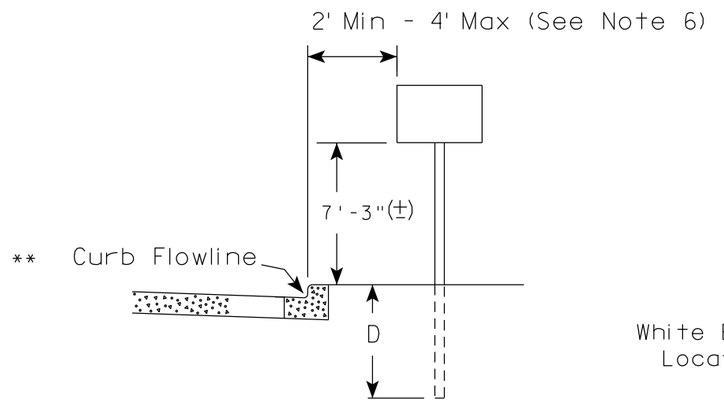
/S/ Raymond A. Kumapayii
CHIEF SURVEYING AND MA
ENGINEER

FHWA

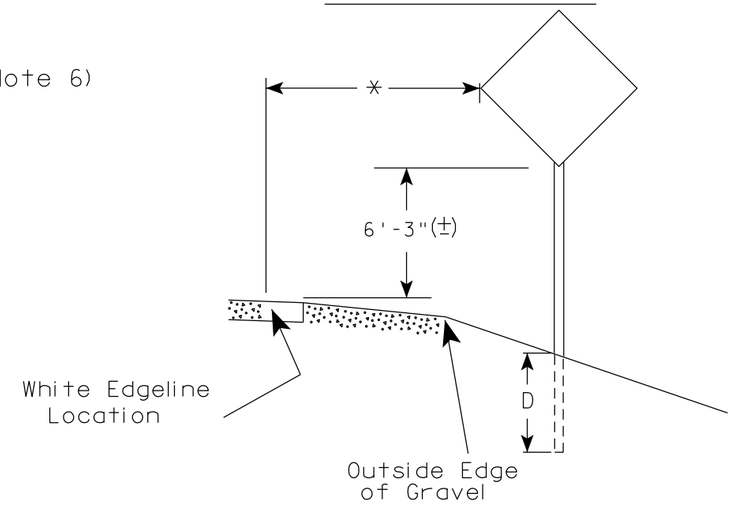
6

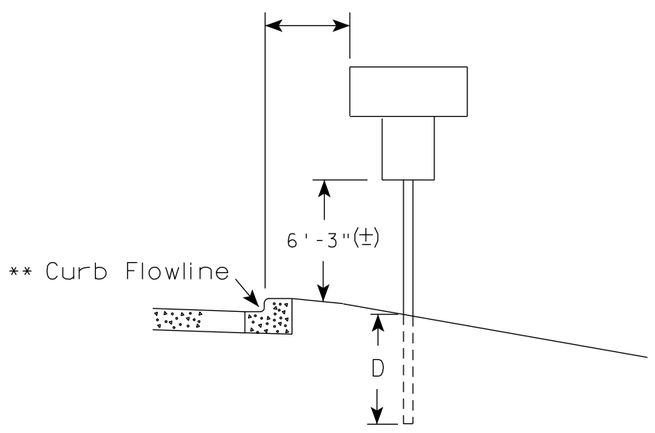
SDD 16A01 - 07

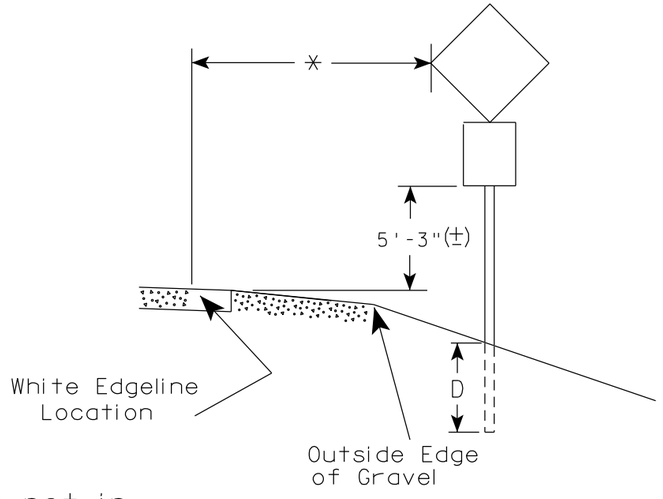
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq.Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. The (±) tolerance for mounting height is 3 inches.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.

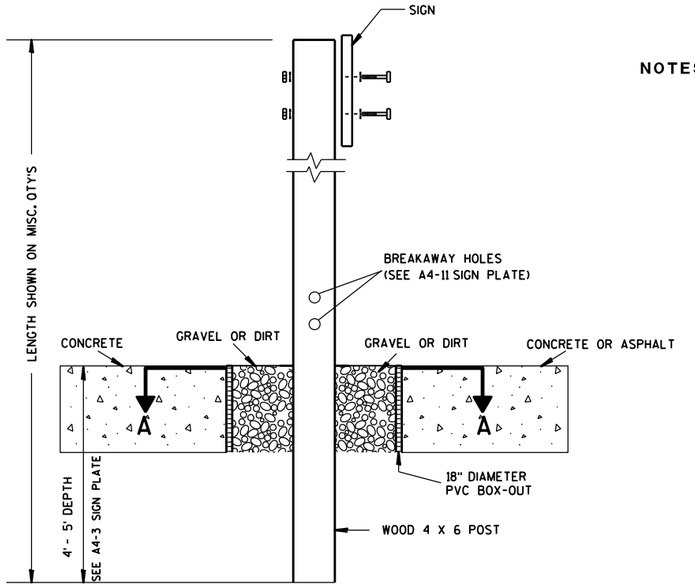
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/13/2020 PLATE NO. A4-3.22

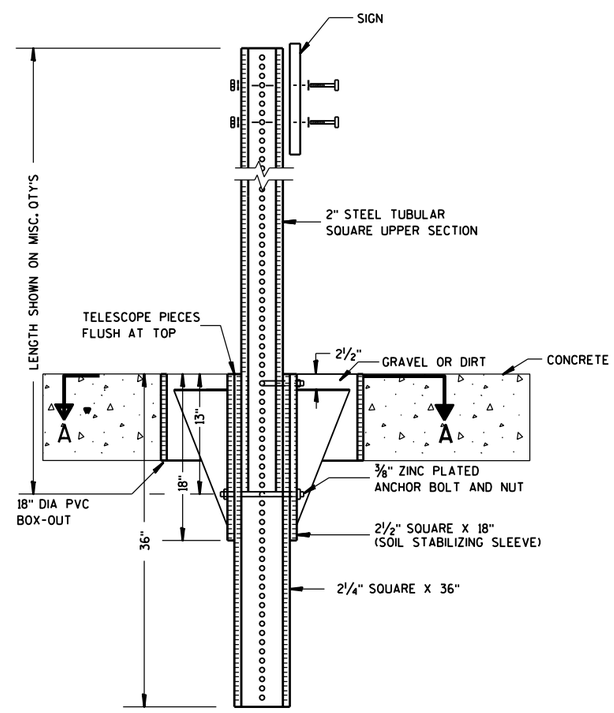
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 385	E



ELEVATION VIEW

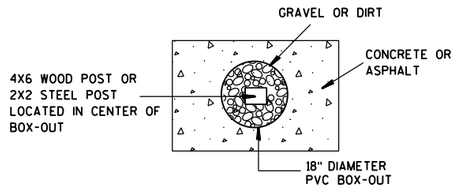
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

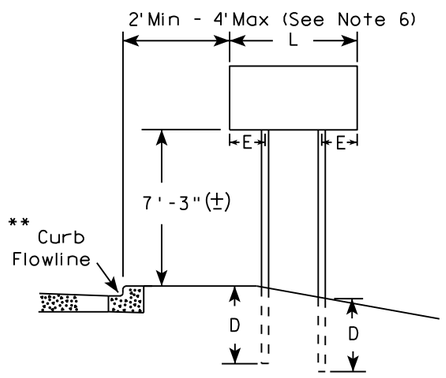
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

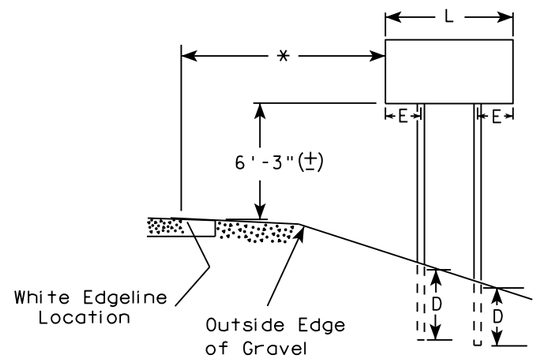
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

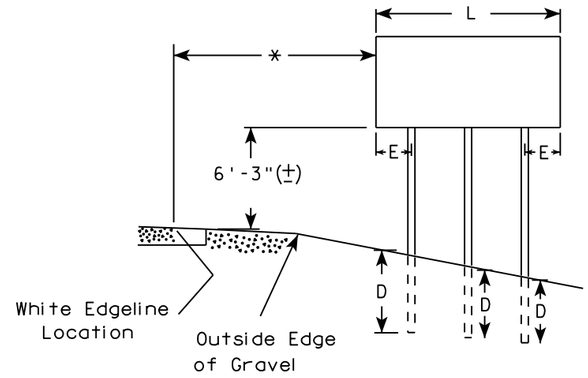
FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

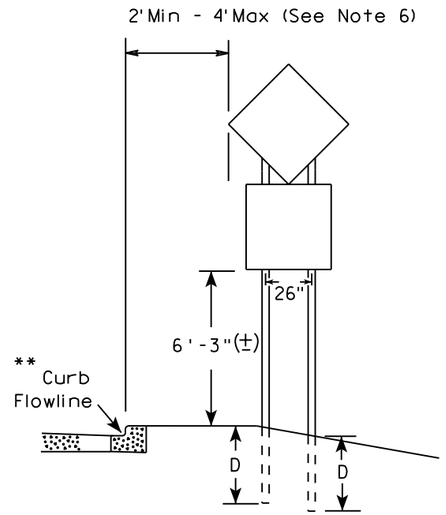
URBAN AREA



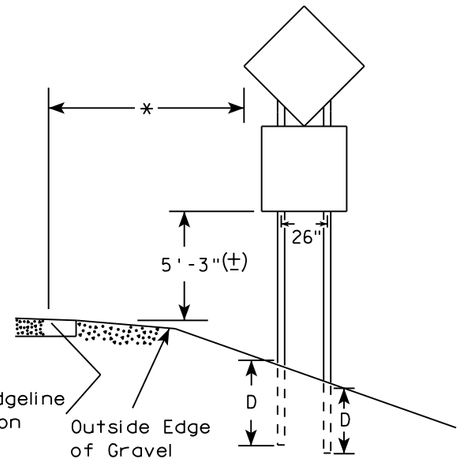
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

***	SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
	L	E
	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

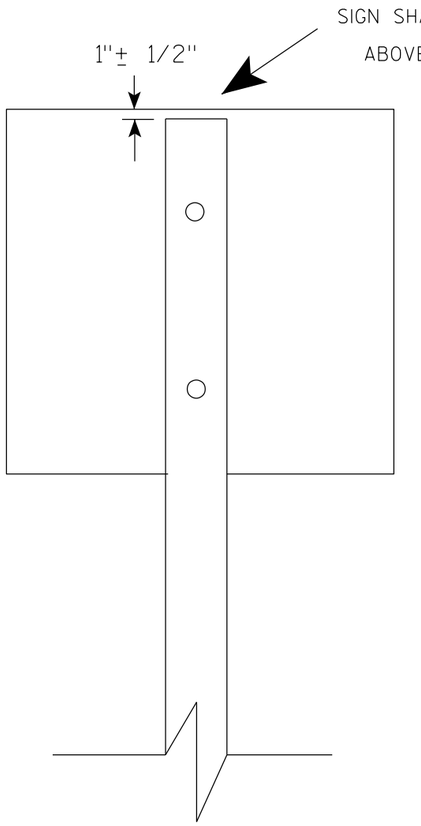
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

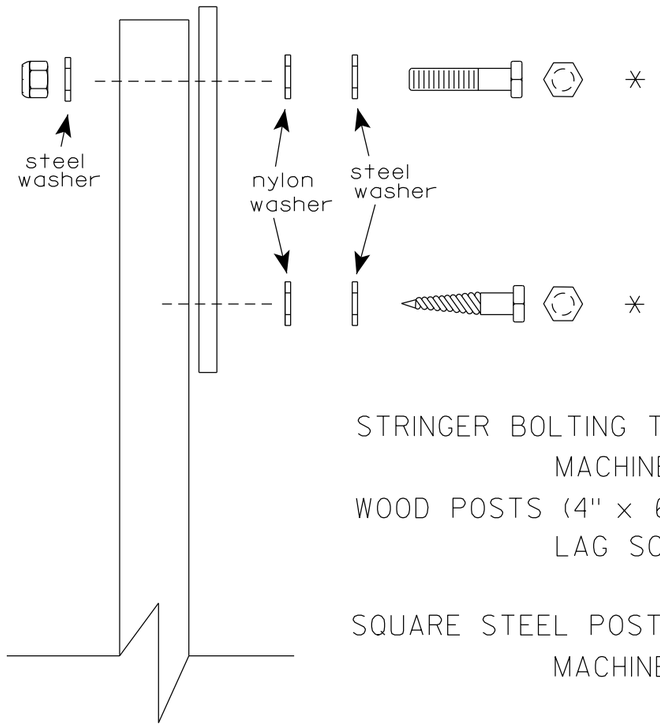
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/21/17 PLATE NO. A4-4.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 387	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/2020 PLATE NO. A4-8.9

PROJECT NO:

SHEET NO: 388 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 01-APRIL-2020 PLOT BY : dotc4c

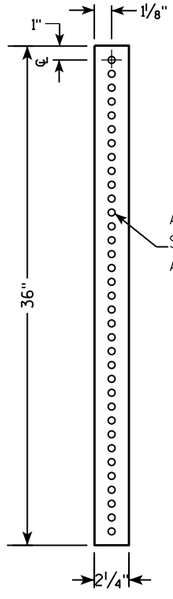
WISDOT/CADDS SHEET 42

7

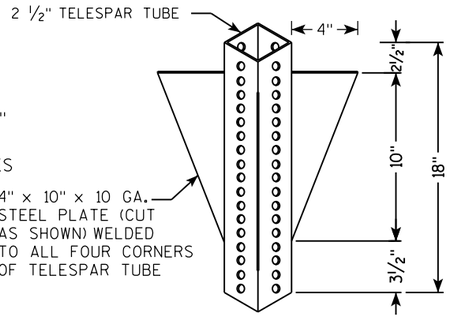
7

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

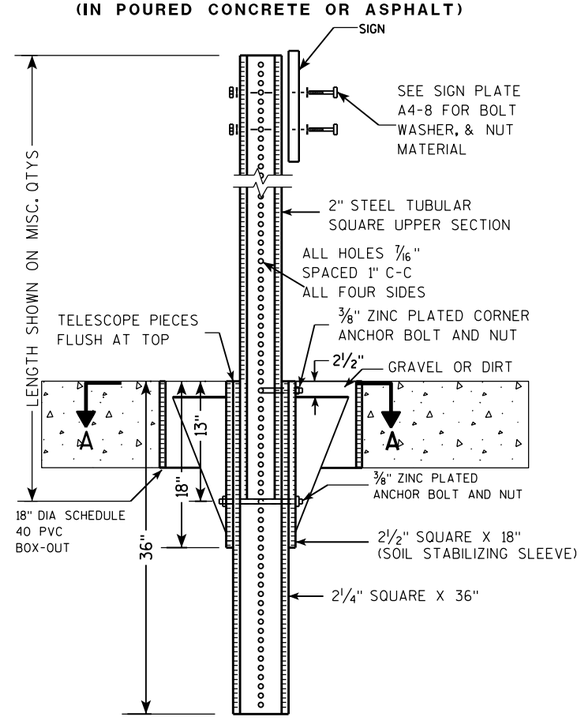
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



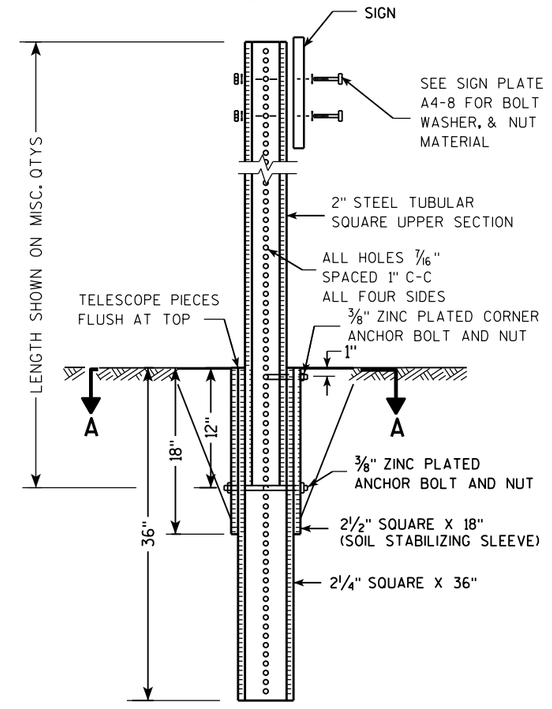
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

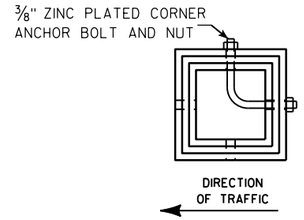


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

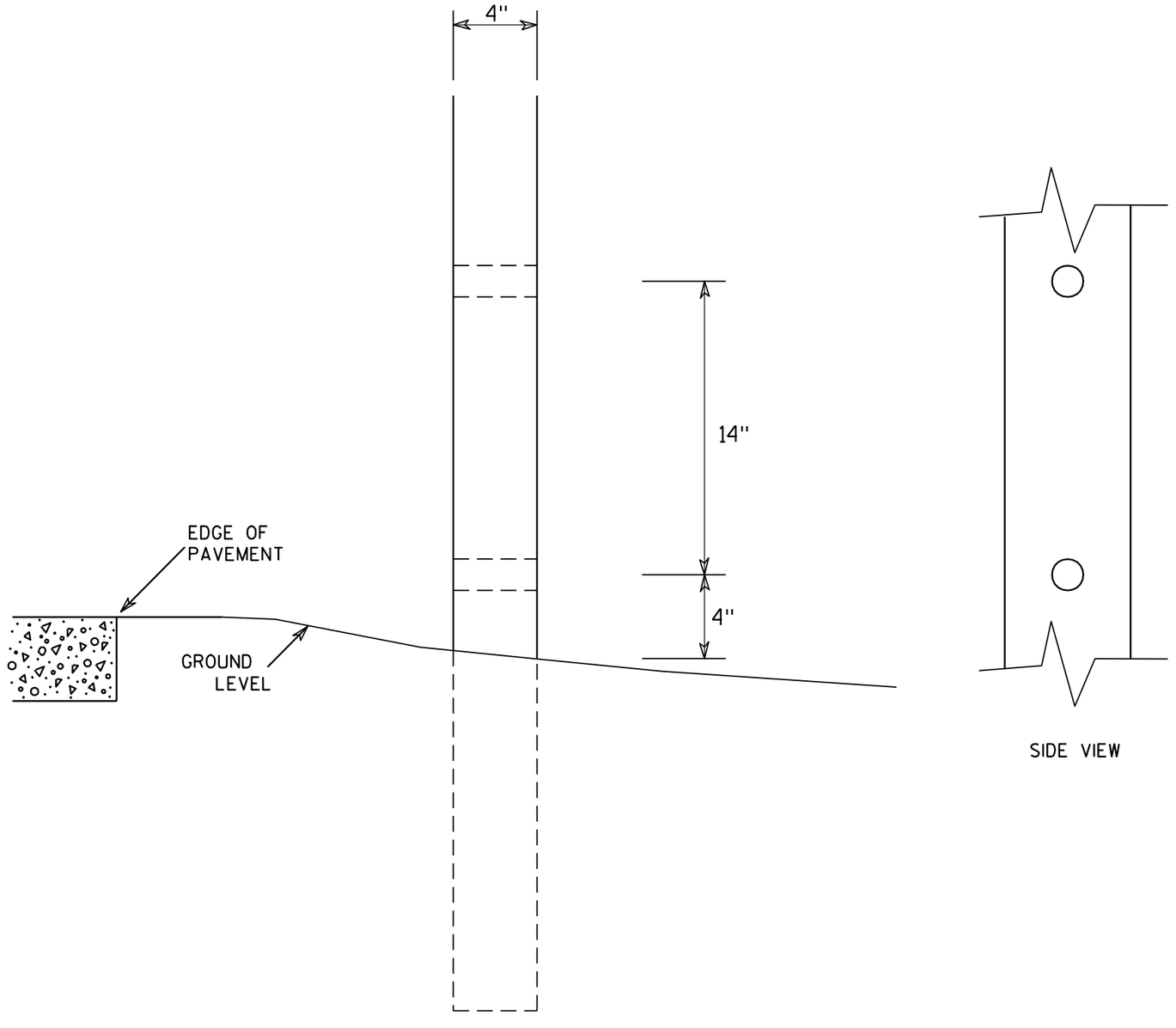
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 389 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000

WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

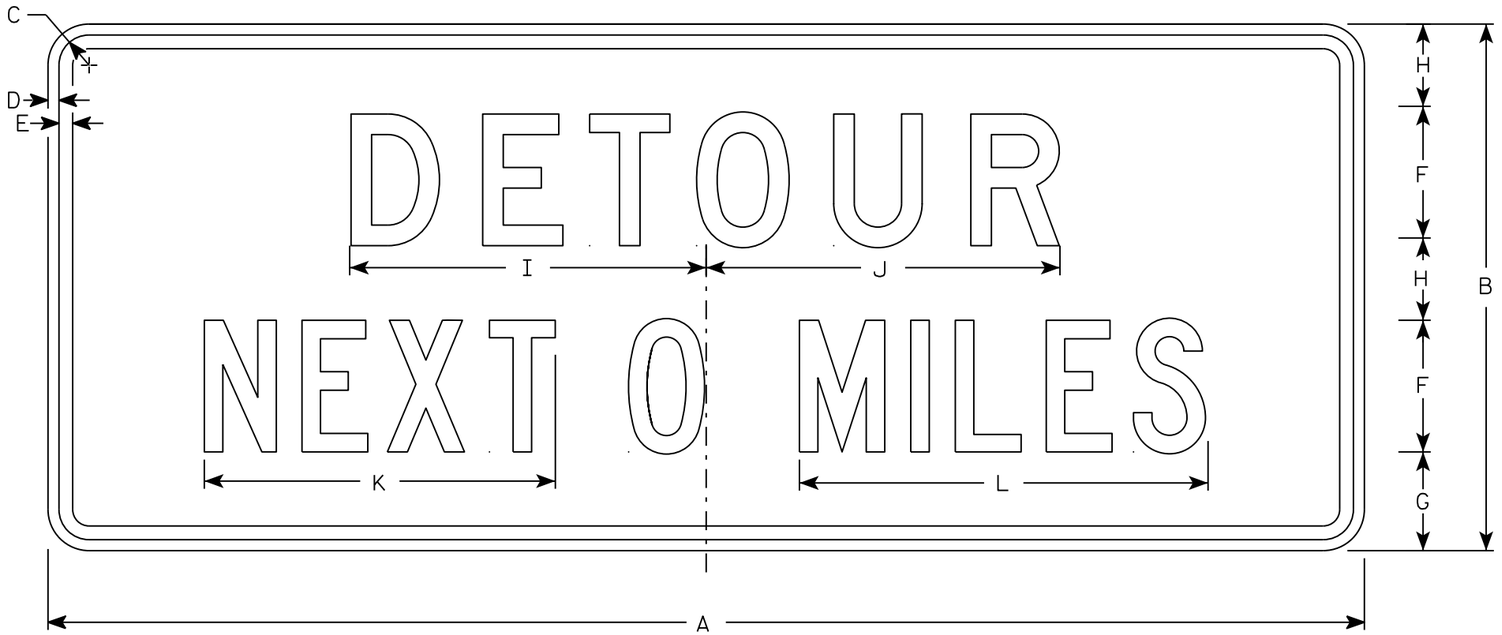
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang
for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 390	E



G20-51

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - Line 1 is D and Line 2 is C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10
3																											
4	60	24	1 3/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10
5																											

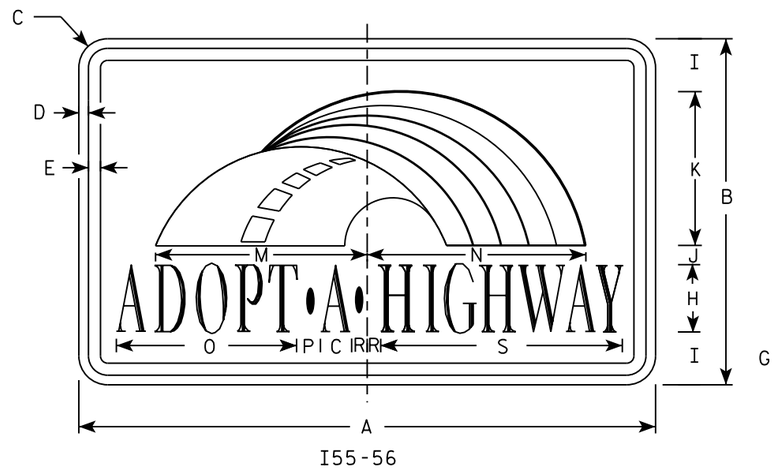
STANDARD SIGN
G20-51

WISCONSIN DEPT OF TRANSPORTATION

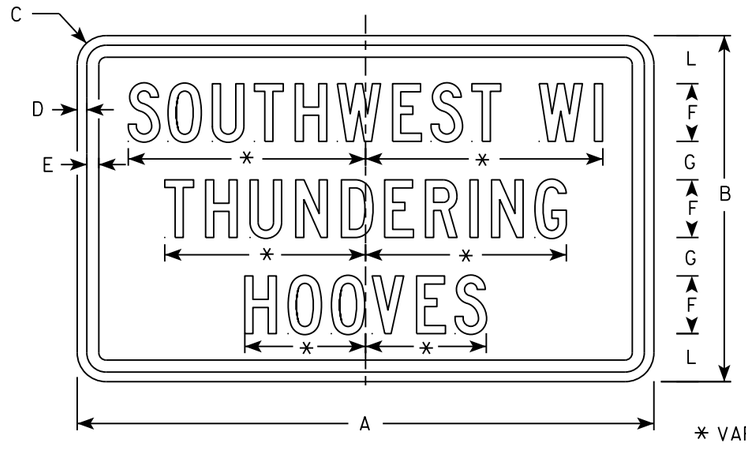
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/14/17 PLATE NO. G20-51.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 391	E



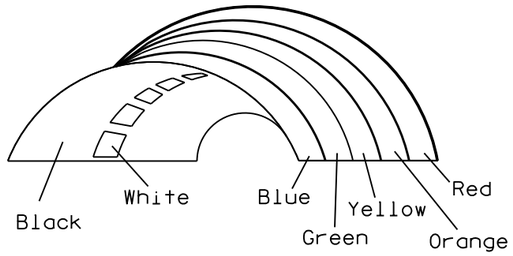
I55-56



I55-56P

* VARIES

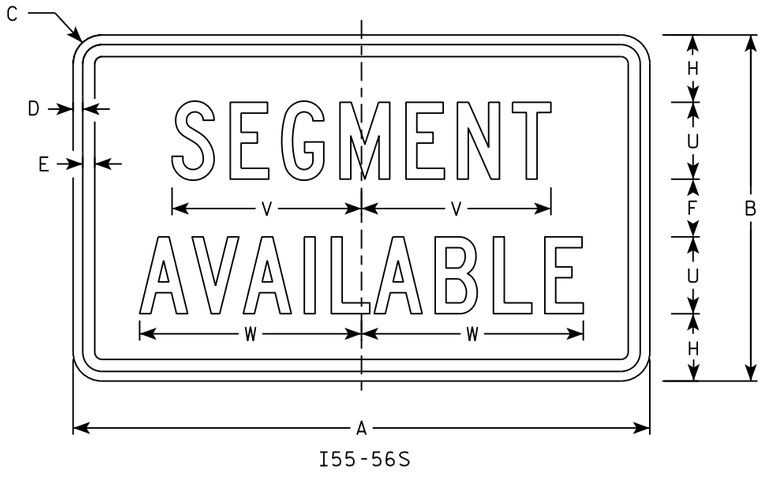
Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - (See Note 4)
3. Message Series - (See Note 5)
4. Border - Blue
   Adopt a Highway - Red
   All other Text - Blue
5. Adopt a Highway - Dutch 8011L
   All other Text - Series C
6. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.



I55-56S

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	18	1 1/2	1/2	5/8	3	2	3 1/2	2 3/4	1	8	2 1/2	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

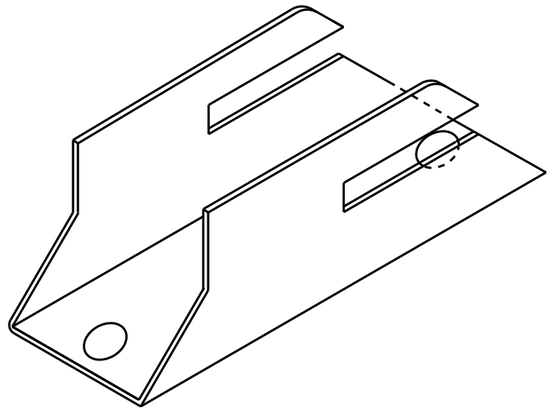
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

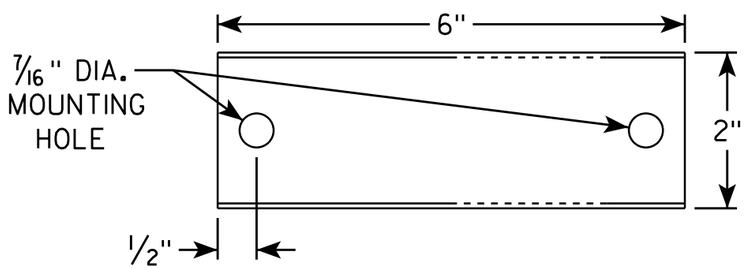
DATE 2/20/18 PLATE NO. I55-56.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 392 | E

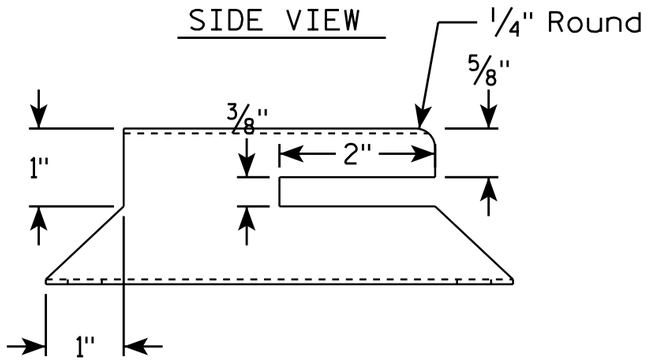
ISOMETRIC VIEW



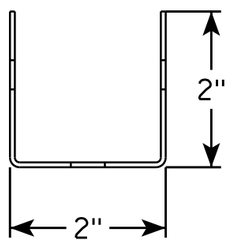
TOP VIEW



SIDE VIEW



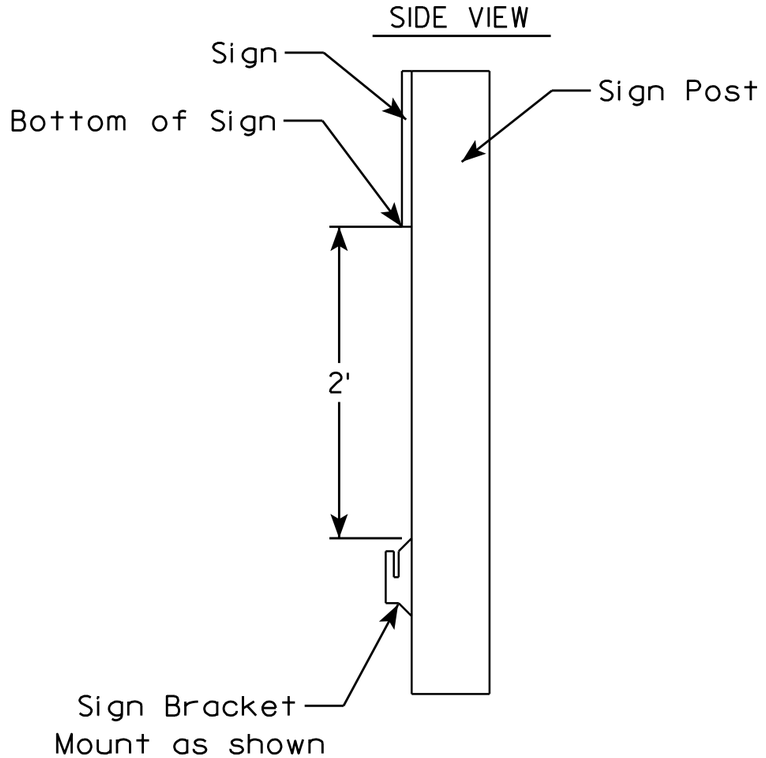
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



7

7

ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

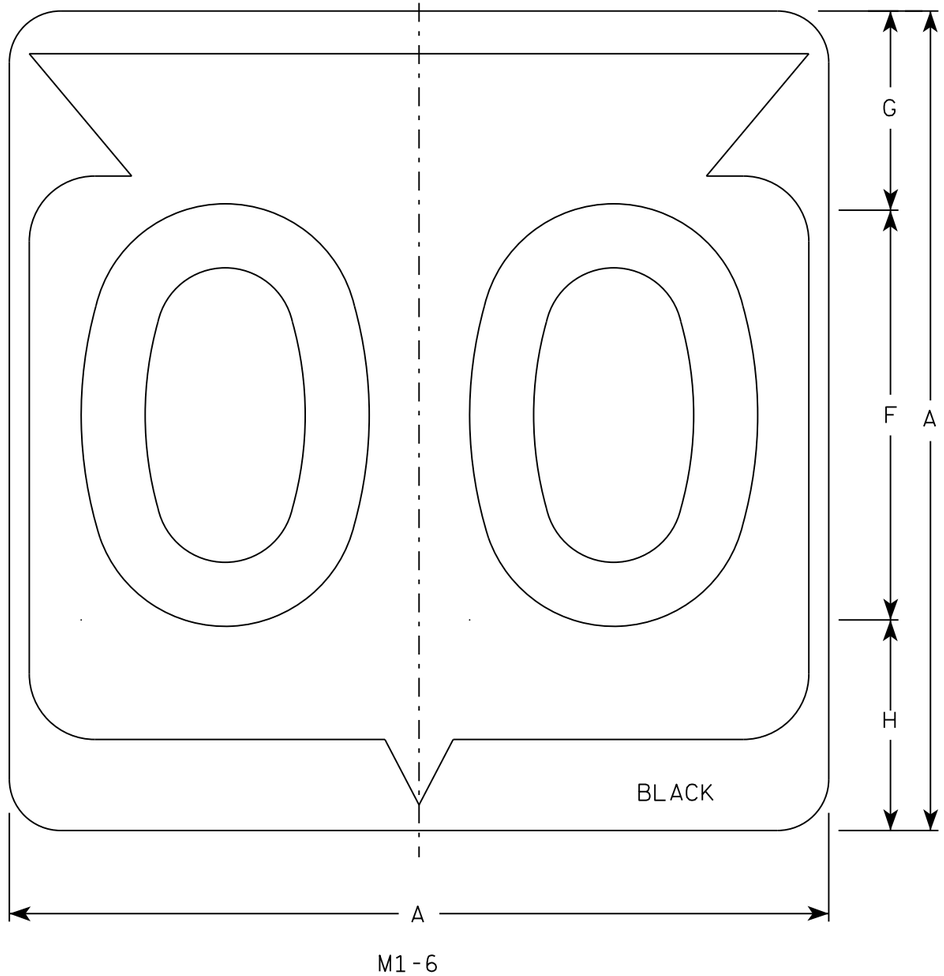
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000

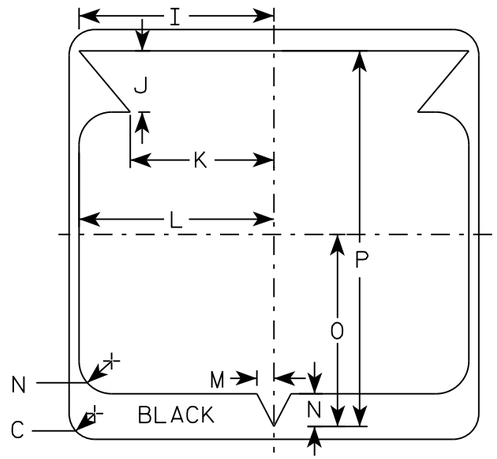
WISDOT/CADDS SHEET 42



M1-6

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24		1 1/2			12	5 1/2	6 1/2	10 1/4	2 1/2	8 7/8	11 1/2	1	1 7/8	11 1/4	21 7/8											4.0
3	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
4	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0
5	36		2 1/4			18	8 3/4	9 1/4	15 3/8	5 3/8	12 5/8	17 1/8	1 1/2	2 7/8	16 7/8	33											9.0

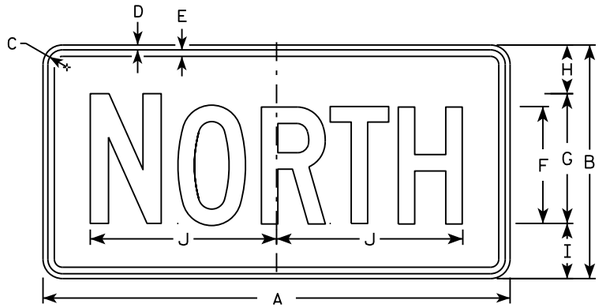
STATE ROUTE MARKER M1-6 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

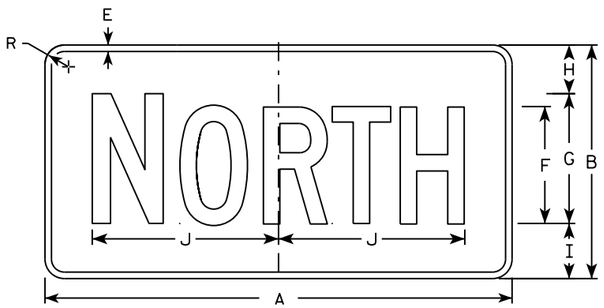
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/16/18 PLATE NO. M1-6.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 394 E



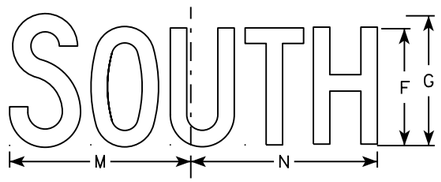
M3-1
MM3-1
MP3-1



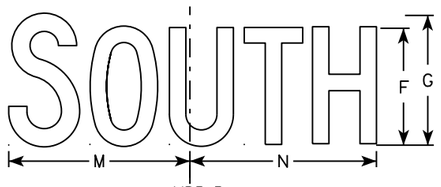
MB3-1
MK3-1
MN3-1

M3-2
MM3-2
MP3-2

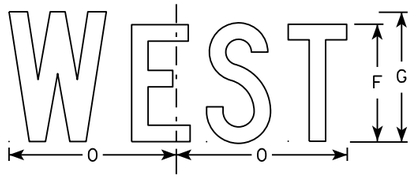
MB3-2
MK3-2
MN3-2



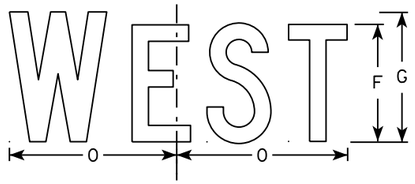
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 7/8	8 3/8	10 1/4	9 3/4	8 3/4			1 1/2									2.00
3	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
4	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5
5	36	18	1 1/8	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13			1 1/2									4.5

STANDARD SIGNS
M3-1 thur M3-4
SERIES

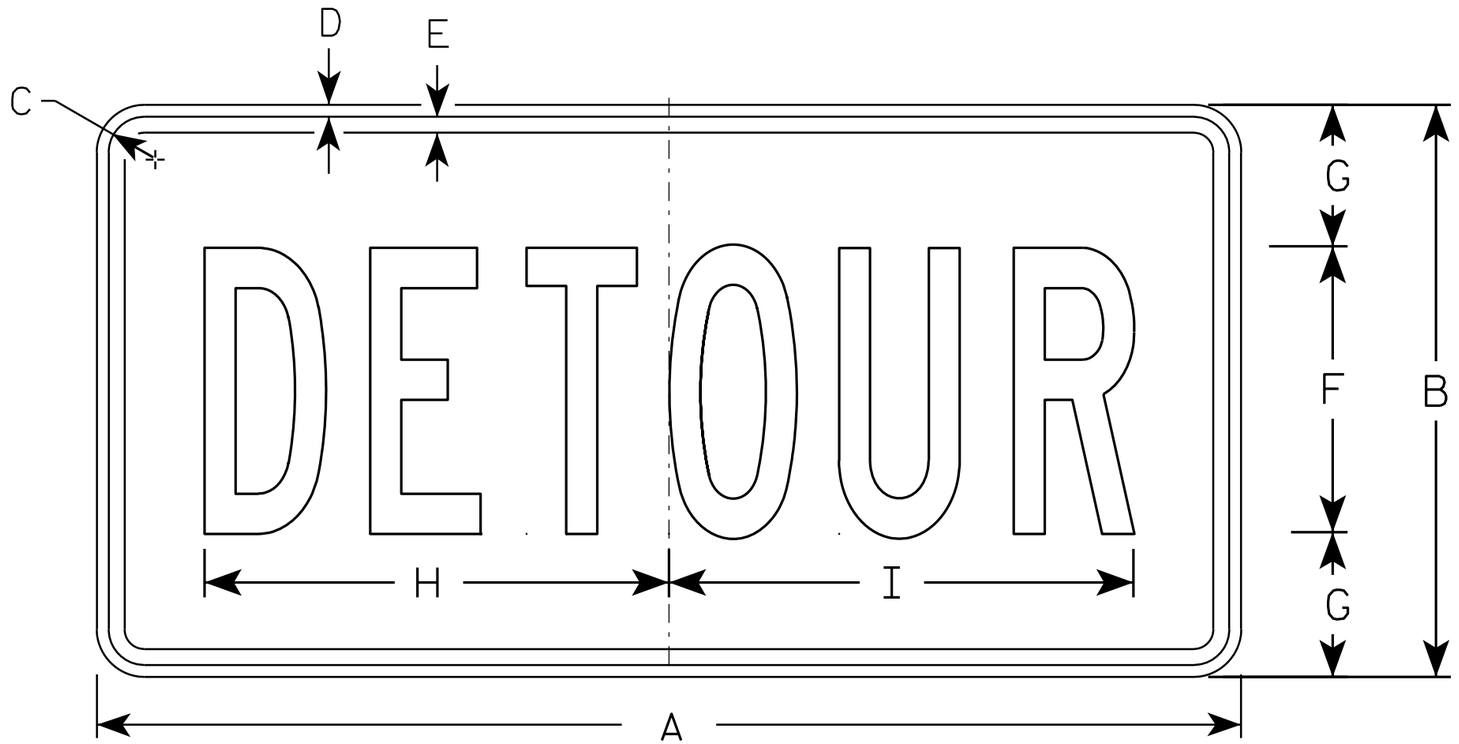
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew P Rauch for State Traffic Engineer

DATE 10/15/15 PLATE NO M3-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M31.DGN PLOT DATE : 01-DEC-2015 17:54 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



M4-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/8	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/8	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4																											
5																											

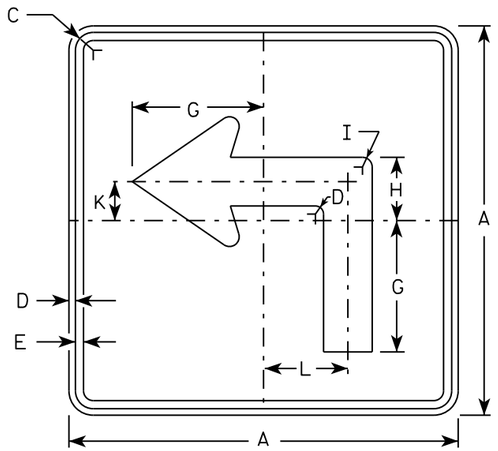
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

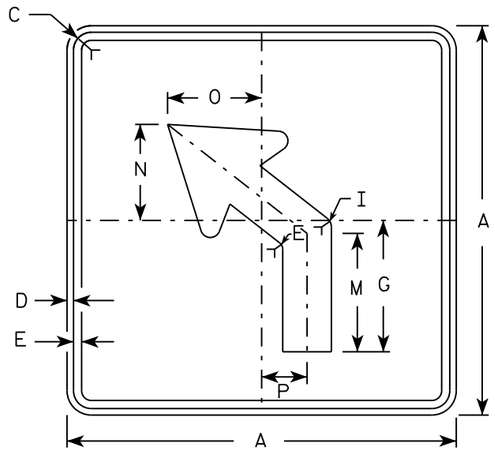
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/10/10 PLATE NO. M4-8.2

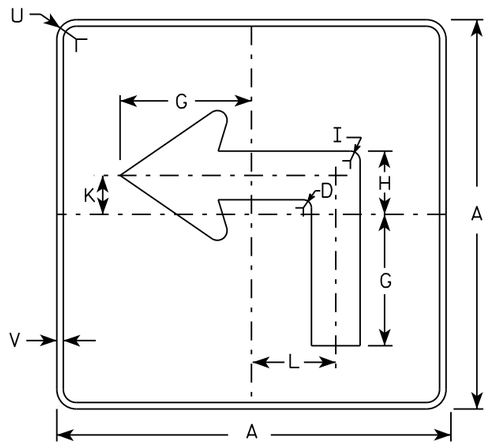
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 396	E



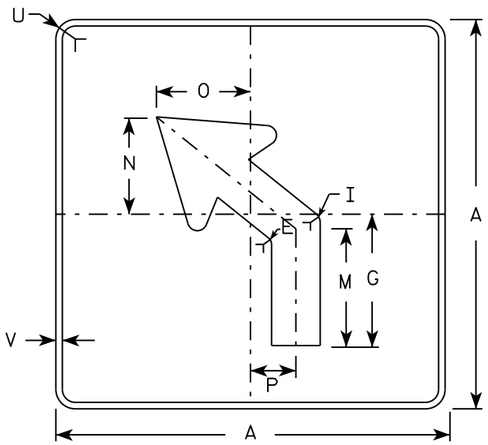
M5-1L
MM5-1L
MO5-1L
MP5-1L



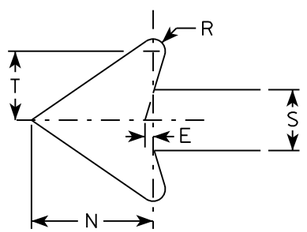
M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L



MB5-2L
MK5-2L
MN5-2L
MR5-2L



NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White - Type H Reflective
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3	1 1/2	1/2					3.06
3	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
4	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25
5	30		1 3/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4	1 7/8	1/2					6.25

STANDARD SIGN
M5-1 & M5-2

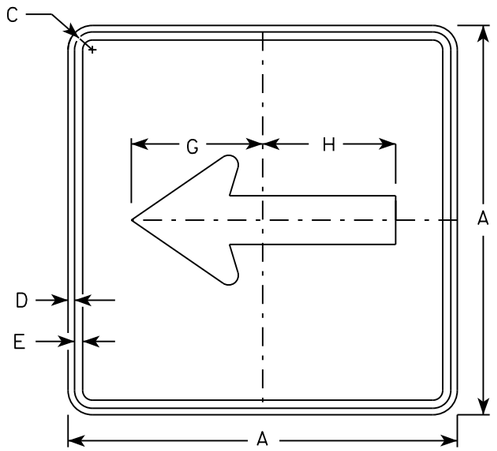
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

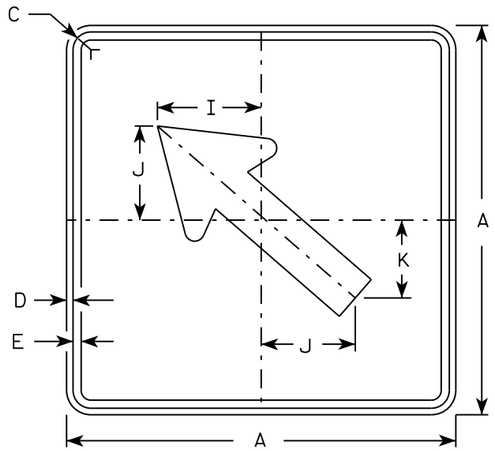
DATE 10/15/15 PLATE NO. M5-1.13

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M51.DGN PLOT DATE : 01-DEC-2015 18:07 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



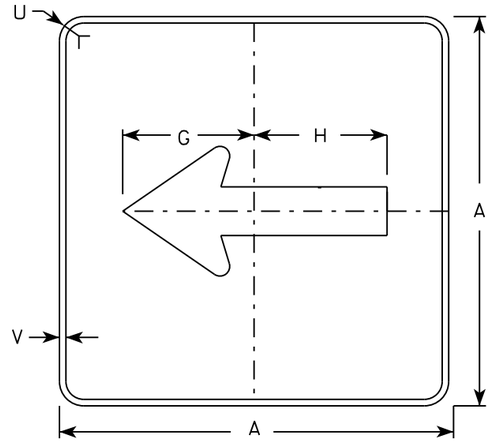
M6-1
MM6-1
MO6-1
MP6-1



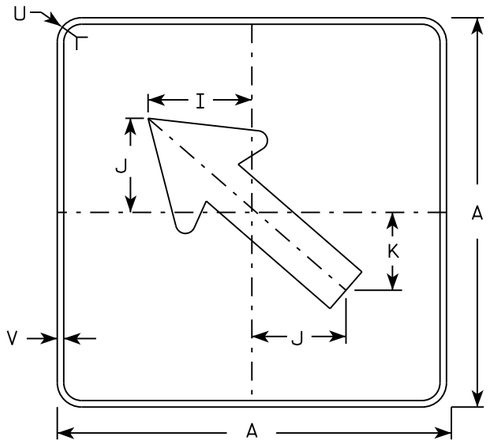
M6-2
MM6-2
MO6-2
MP6-2

NOTES

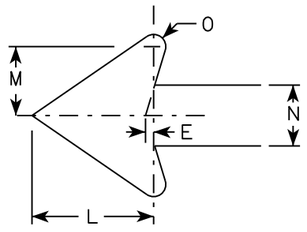
1. Signs are Type II - Type H except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow



MB6-1
MK6-1
MN6-1
MR6-1



MB6-2
MK6-2
MN6-2
MR6-2



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	21		1 1/8	3/8	3/8		7 1/2	7 1/8	5 5/8	5	4 1/4	5 1/4	3	2 5/8	1/2						1 1/2	1/2						3.06
3	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
4	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25
5	30		1 3/8	1/2	5/8		10 3/4	10 1/4	8	7 1/4	6	7 1/2	4 1/4	3 3/4	3/4						1 7/8	1/2						6.25

STANDARD SIGN
M6-1 & M6-2
SERIES

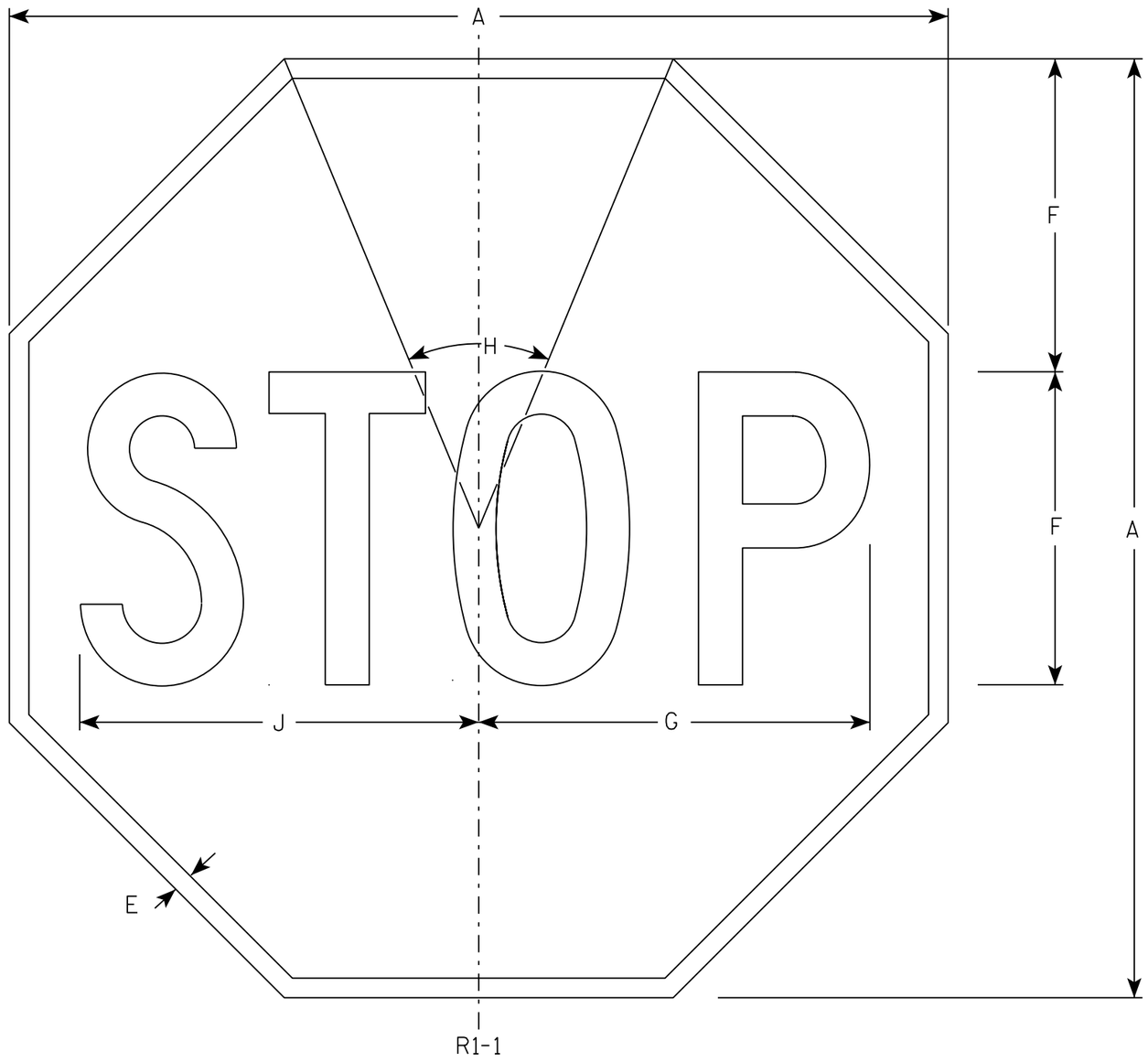
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 10/15/15 PLATE 398 M6-1.15

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M61.DGN PLOT DATE : 01-DEC-2015 17:57 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 11.675051:1.000000



NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2S	30				5/8	10	12 1/2	45°		12 3/4																	5.18
2M	36				3/4	12	15	45°		15 3/8																	7.46
3	36				3/4	12	15	45°		15 3/8																	7.46
4	48				1	16	20	45°		20 1/2																	13.25
5	48				1	16	20	45°		20 1/2																	13.25
6	18				3/8	6	7 3/4	45°		7 3/4																	1.86
7	12				1/4	4	5	45°		5 1/8																	0.78

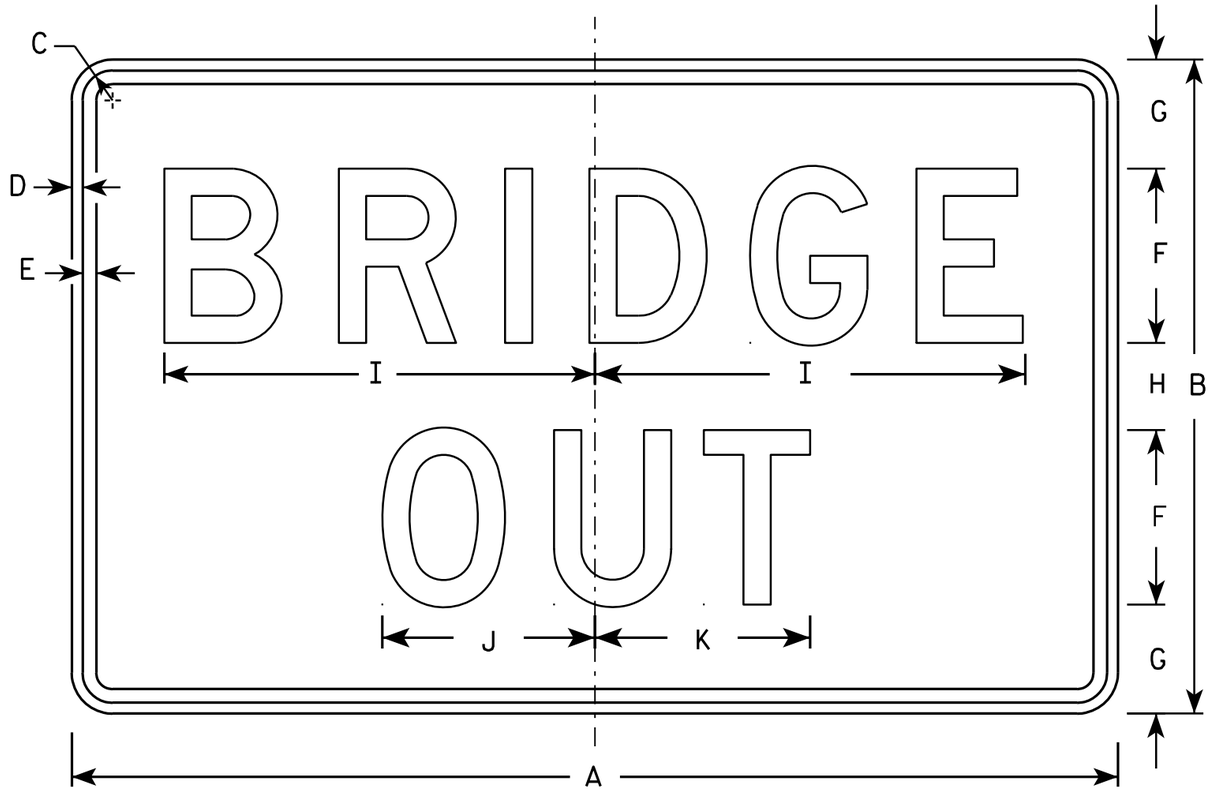
STANDARD SIGN
R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 399	E



R11-2B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	30	1 3/8	1/2	5/8	8	5	4	19 3/4	9 3/4	9 7/8																10.0
2M	48	30	1 3/8	1/2	5/8	8	5	4	19 3/4	9 3/4	9 7/8																10.0
3	48	30	1 3/8	1/2	5/8	8	5	4	19 3/4	9 3/4	9 7/8																10.0
4	48	30	1 3/8	1/2	5/8	8	5	4	19 3/4	9 3/4	9 7/8																10.0
5	48	30	1 3/8	1/2	5/8	8	5	4	19 3/4	9 3/4	9 7/8																10.0

STANDARD SIGN
R11-2B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

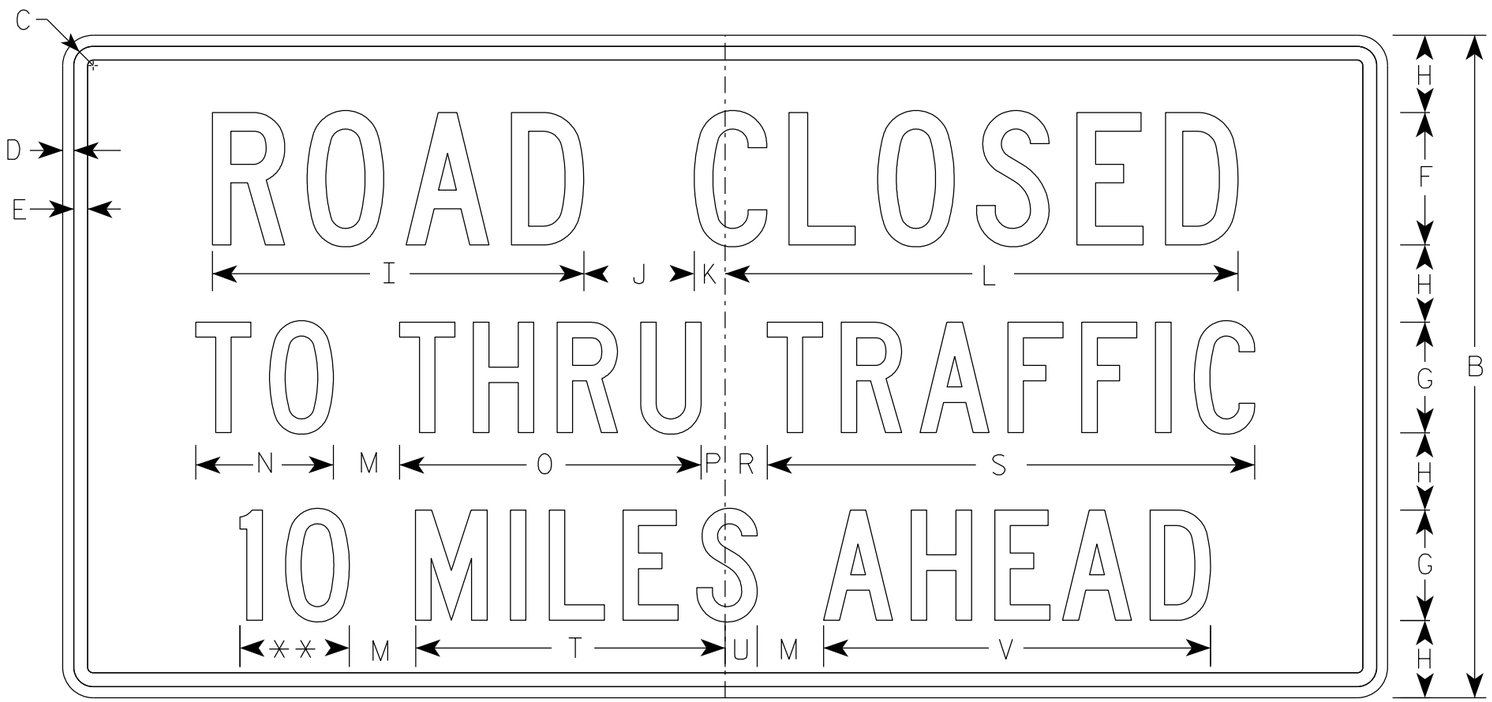
DATE 4/1/11 PLATE NO. R11-2B.2

PROJECT NO:

SHEET NO: 400 E

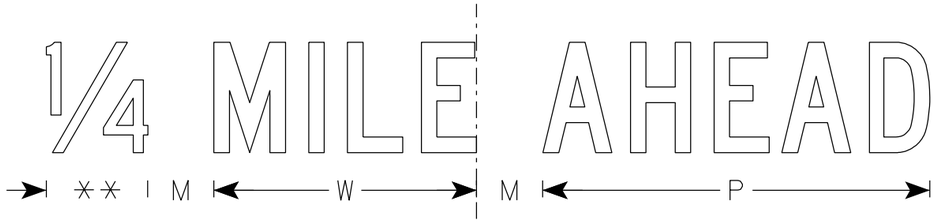
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/4	3/8	3/8	4	3	2	11 1/4	3	1 1/8	15 3/8	2	3 3/4	8 1/4	5/8		1 3/8	13 1/4	8 3/8	7/8	10 1/2	7 1/8				4.5
2S	60	30	1 3/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
2M	60	30	1 3/8	1/2	5/8	6	5	3 1/2	16 7/8	5	1 3/8	23 1/4	3	6 1/4	13 5/8	1 1/8		1 7/8	22 1/8	14	1 1/2	17 1/2	11 7/8				12.5
3																											
4																											
5																											

STANDARD SIGN
R11-3

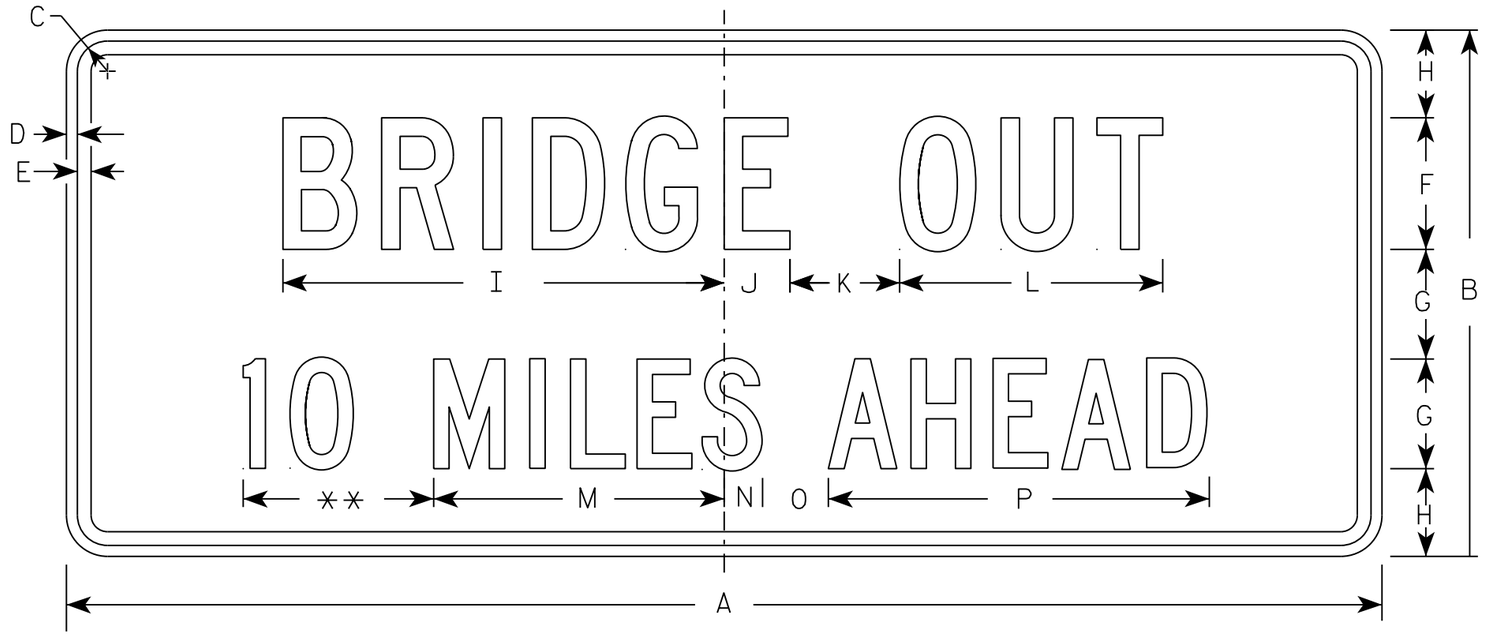
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 6/14/2021 PLATE NO. R11-3.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 401	E

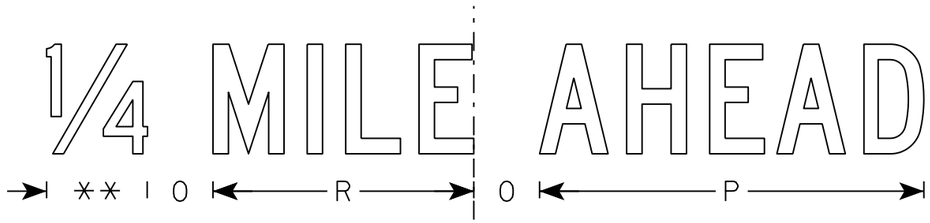
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3C

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	15	1 3/8	1/2	5/8	4	3	2 1/2	13 1/4	2 1/4	3	8	8	1 1/2	2	10 3/4		7 1/8									3.75
2S	60	24	1 3/8	1/2	5/8	6	5	4	20 1/8	3	5	12	13 1/4	1 3/4	3	17 3/8		11 7/8									10.0
2M	60	24	1 3/8	1/2	5/8	6	5	4	20 1/8	3	5	12	13 1/4	1 3/4	3	17 3/8		11 7/8									10.0
3																											
4																											
5																											

STANDARD SIGN
R11-3C

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/28/16 PLATE NO. R11-3C.3

PROJECT NO:

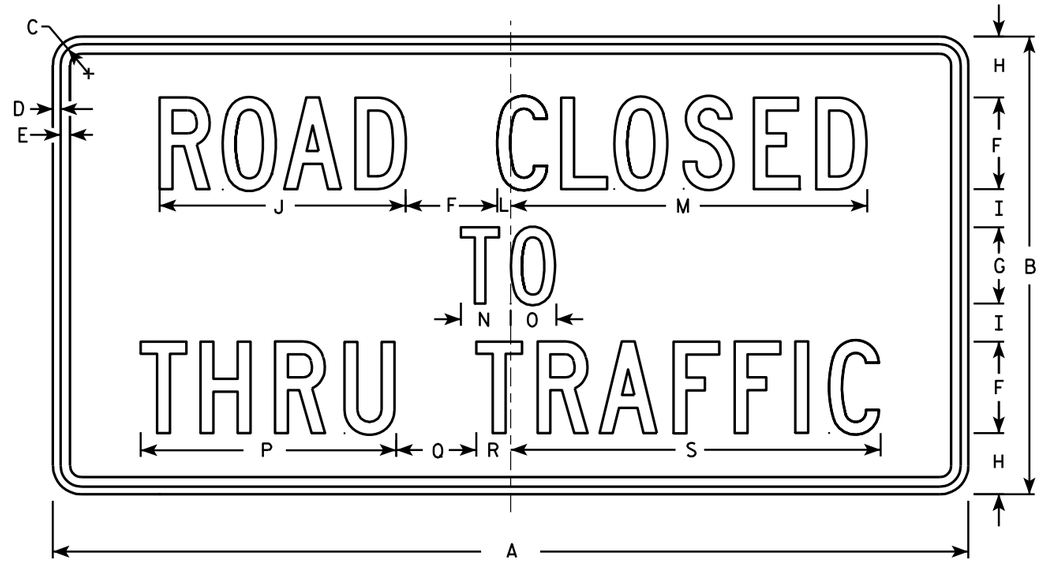
SHEET NO: 402 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R113C.DGN PLOT DATE : 15-MAR-2017 15:33 PLOT BY : $$...plotuser...$$

WISDOT/CADDS SHEET 42

7

7



R11-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 3/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

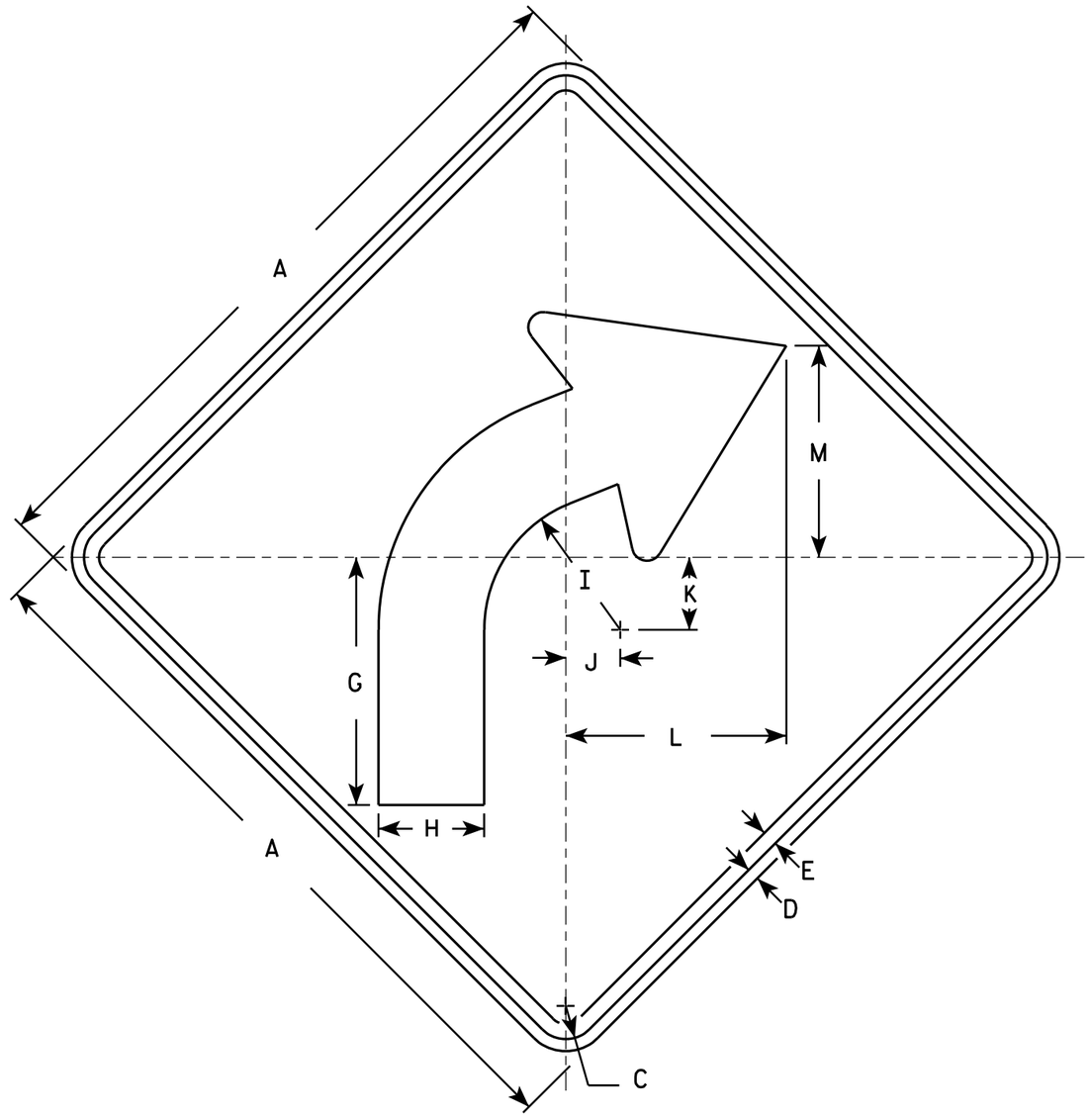
APPROVED Matthew R Rauch for State Traffic Engineer

DATE 4/1/11 PLATE NO. R11-4.3

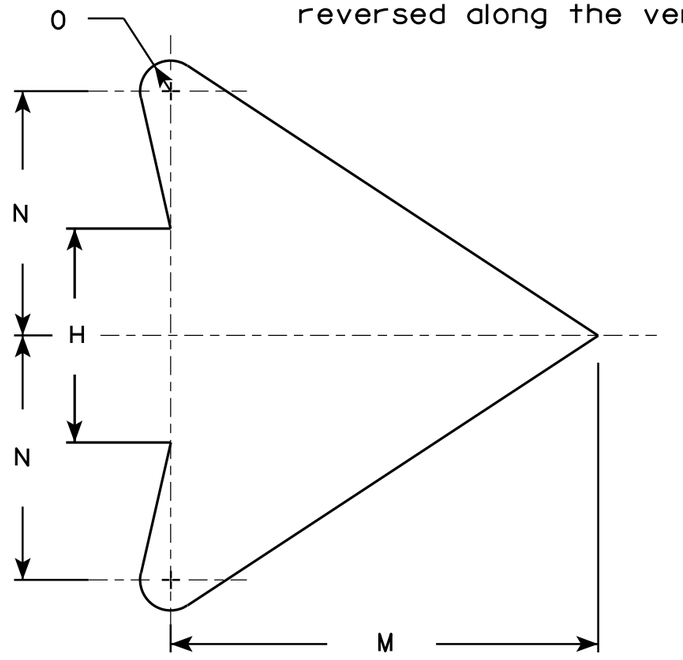
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 403 | E

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



W1-2R



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/8	3/8	1/2		8 1/4	3 1/2	4 1/2	1 3/4	2 3/8	7 1/4	7	4	1/2												4.0
2S	30		1 3/8	1/2	5/8		10 1/4	4 3/8	5 5/8	2 1/4	3	9 1/8	8 3/4	5	5/8												6.25
2M	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
3	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
4	36		1 5/8	5/8	3/4		12 3/8	5 1/4	6 3/4	2 5/8	3 1/2	10 7/8	10 1/2	6	3/4												9.0
5	48		2 1/4	3/4	1		16 1/2	7	9	3 1/2	4 5/8	14 1/2	14	8	1												16.0

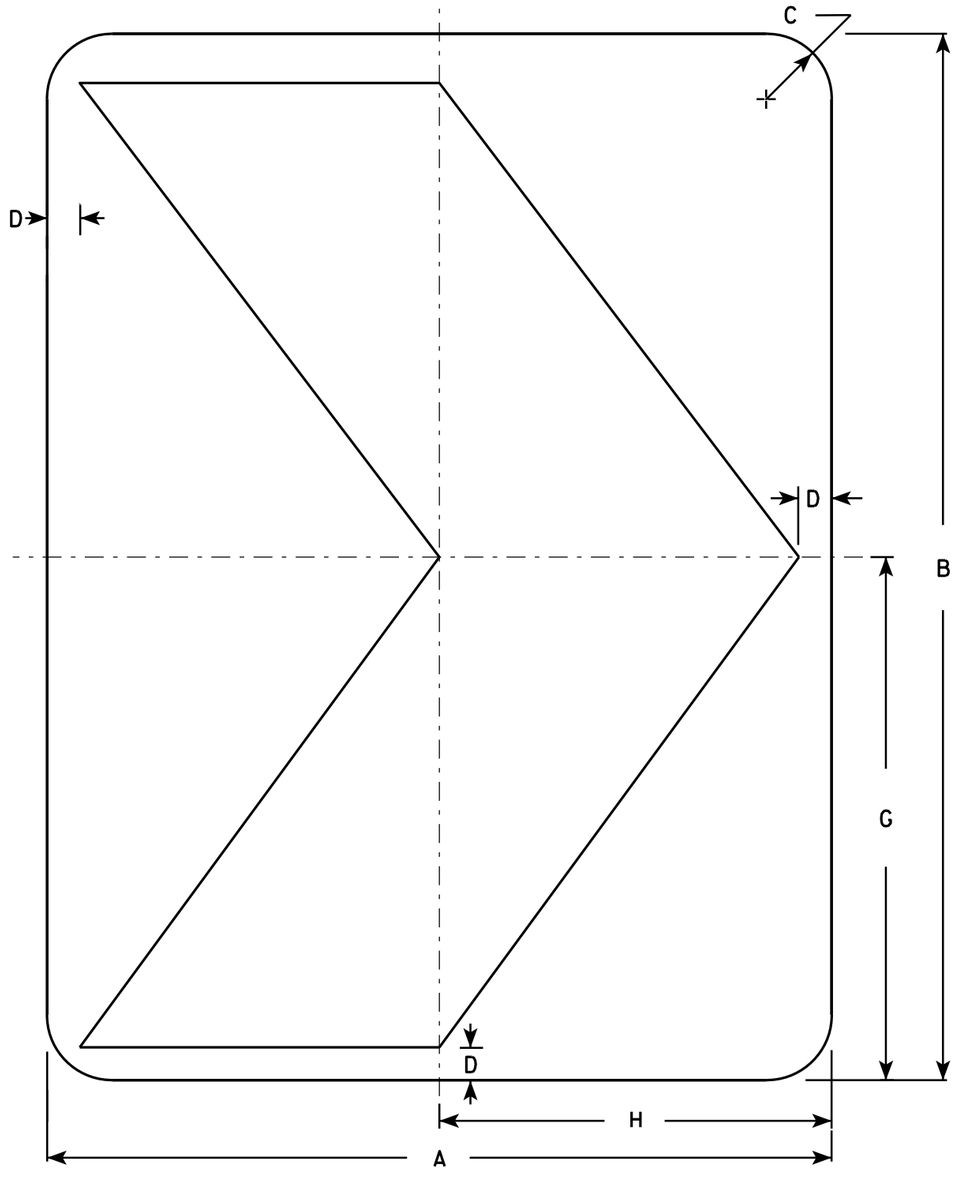
STANDARD SIGN
W1-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/15/12 PLATE NO. W1-2.10

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 404	E



W1-8

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 ½	½			9	6																			1.5
2S	18	24	1 ½	¾			12	9																			3.0
2M	18	24	1 ½	¾			12	9																			3.0
3	24	30	1 ½	1			15	12																			5.0
4	30	36	1 ⅞	1 ¼			18	15																			7.5
5	36	48	2 ¼	1 ½			24	18																			12.0

STANDARD SIGN
W1-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W1-8.6

PROJECT NO:

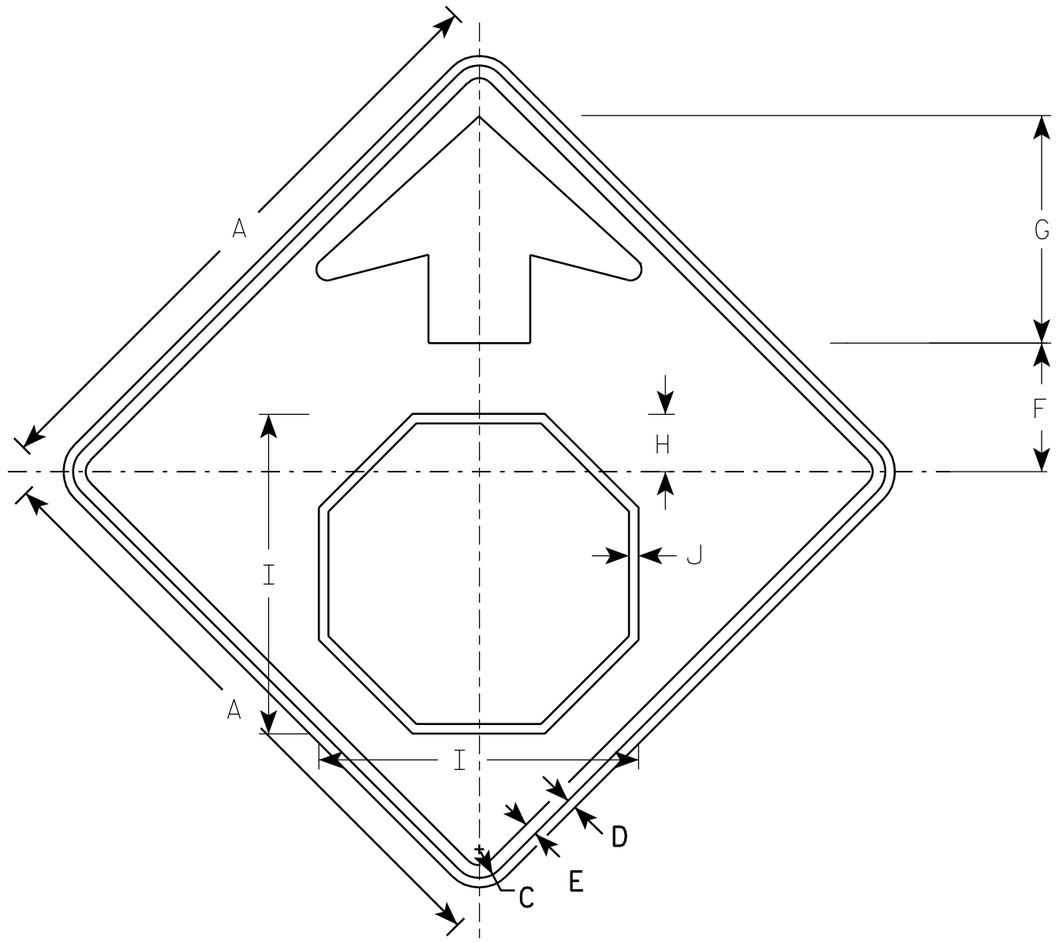
SHEET NO: 405 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W18.DGN PLOT DATE : 07-JUN-2010 12:55 PLOT BY : ditjph

WISDOT/CADDS SHEET 42

7

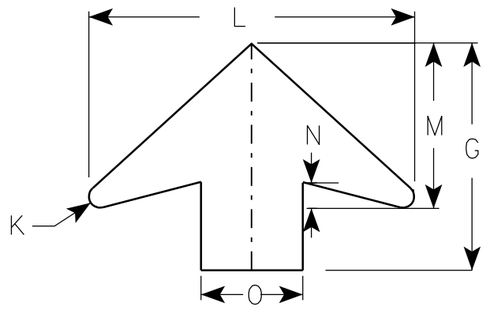
7



W3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

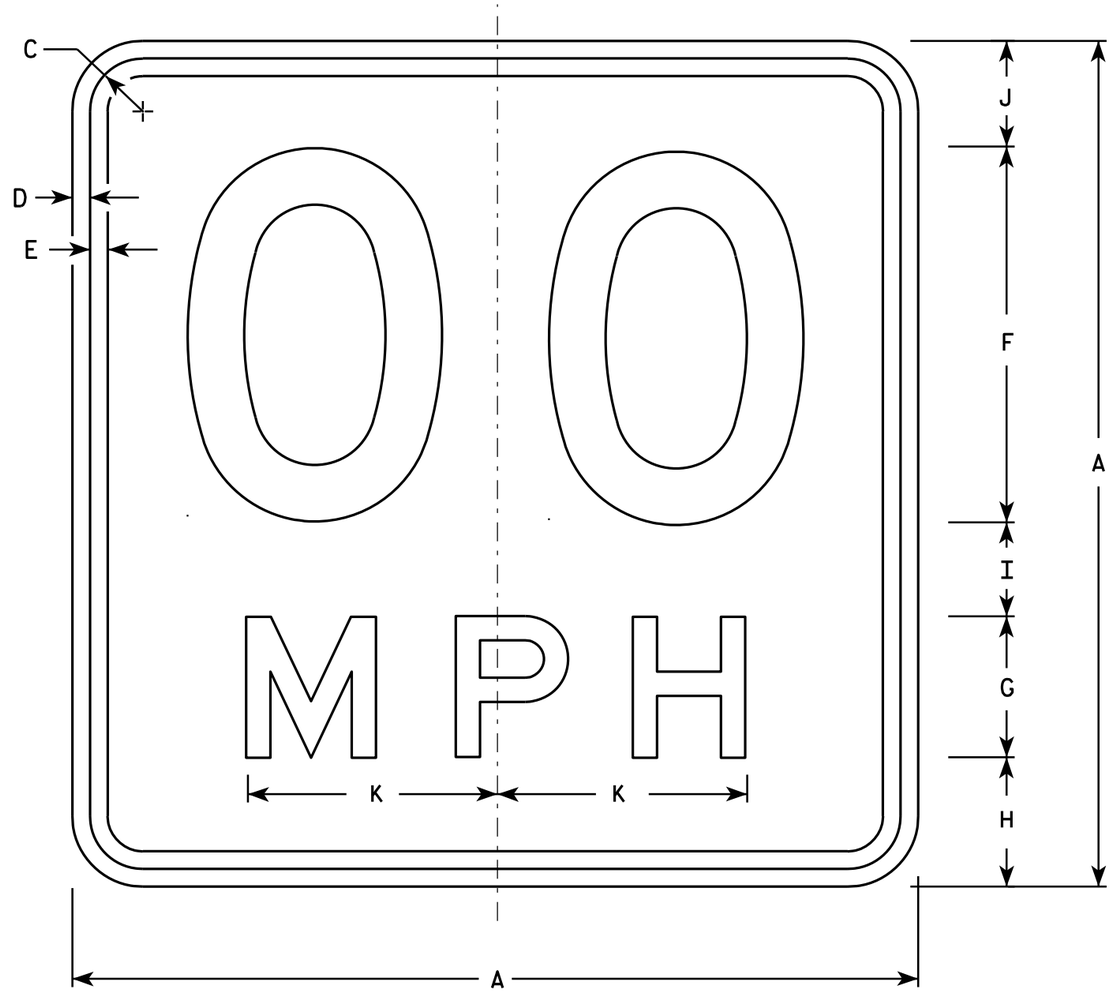
SHEET NO: 406 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W31.DGN PLOT DATE : 07-JUN-2010 12:59 PLOT BY : ditjph

WISDOT/CADDS SHEET 42

7

7



W13-1

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
	3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
	4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
	5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

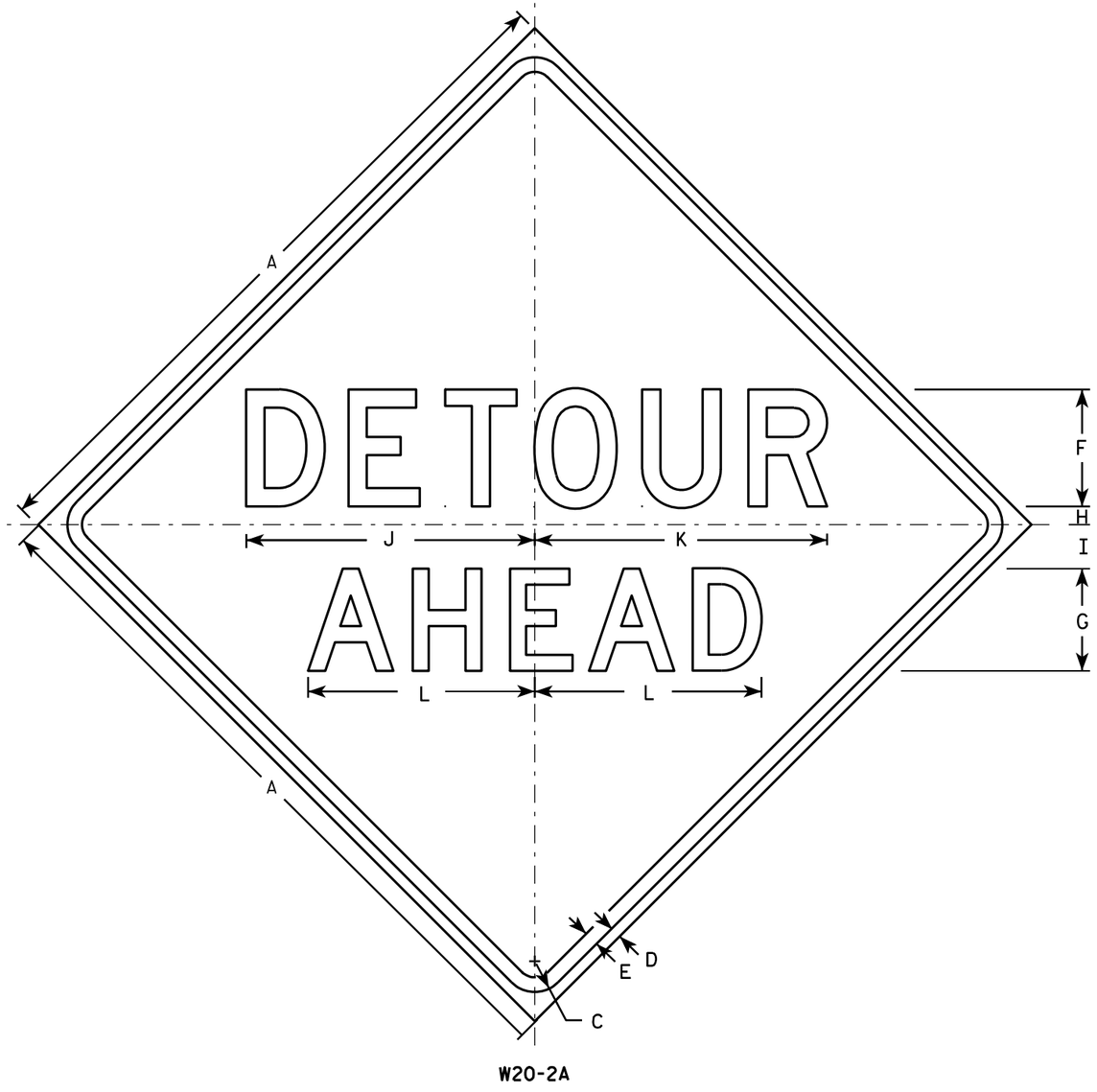
STANDARD SIGN
W13-1

WISCONSIN DEPT OF TRANSPORTATION

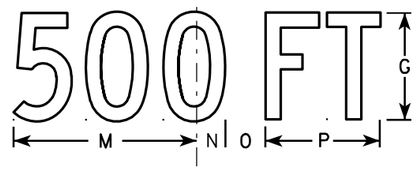
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

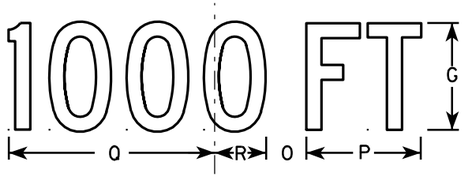
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 407	E



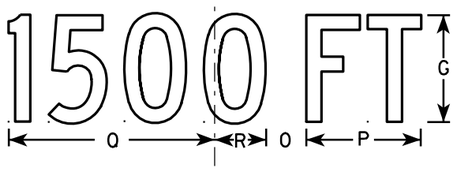
W20-2A



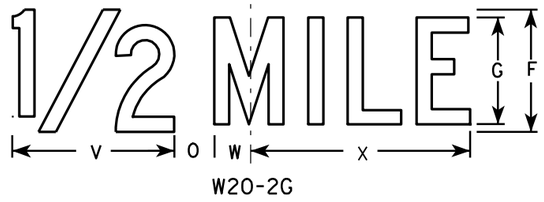
W20-2D



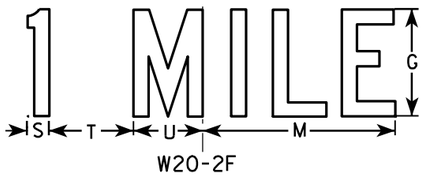
W20-2C



W20-2B



W20-2G



W20-2F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - See note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		2 1/4	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

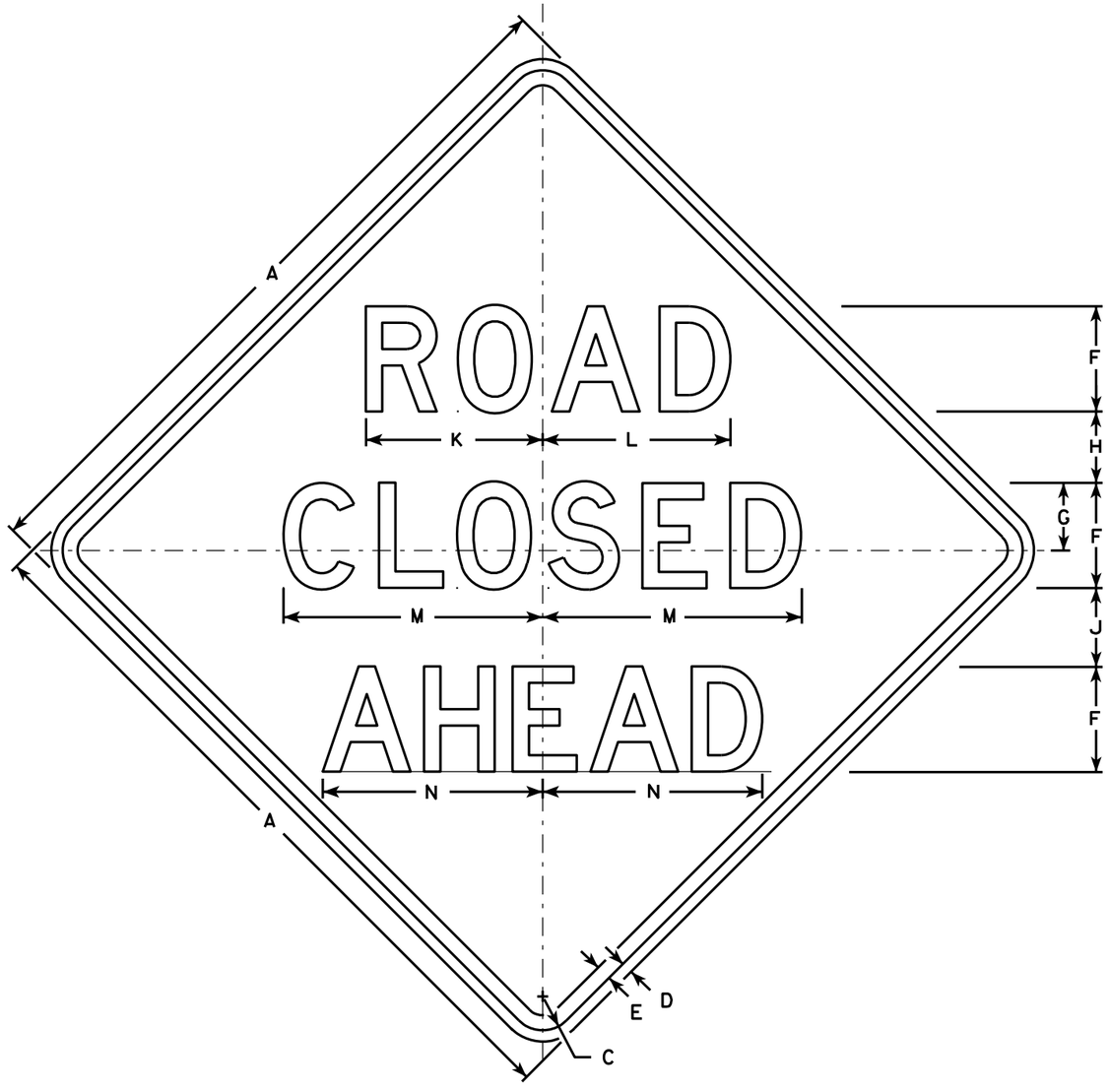
STANDARD SIGN
W20-2A,B,C,D,F & G

WISCONSIN DEPT OF TRANSPORTATION

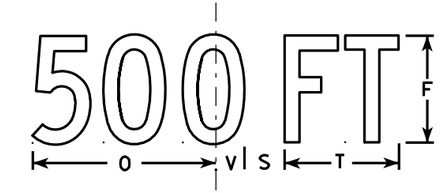
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/11 PLATE NO. W20-2.6

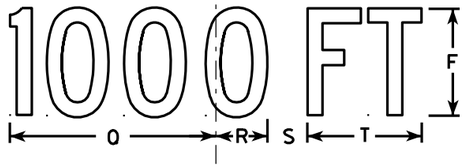
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 408	E



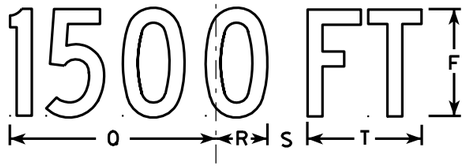
W20-3A



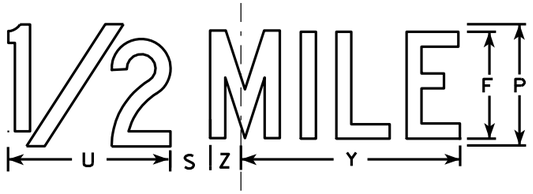
W20-3D



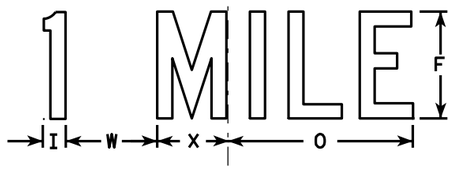
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Orange
   Message - Black
3. Message Series - see note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1 and 2 are Series D.
   Line 3 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		1 5/8	5/8	3/4	5	3 3/8	3 1/2	1 1/8	4	8 3/8	8 7/8	12 1/2	11	9	6	10 1/8	2 1/2	1 7/8	5 5/8	8	1 3/8	4 1/2	3 1/2	10 3/4	1 3/4	9.0
2S	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
2M	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
3	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
4	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0
5	48		2 1/4	3/4	1	7	4 1/2	4 3/4	1 1/2	5 1/4	11 3/4	12 1/2	17 1/4	14 5/8	12	8	13 1/2	3 3/8	2 5/8	7 1/2	10 5/8	1 7/8	6	4 5/8	14 3/8	2 3/8	16.0

STANDARD SIGN
W20-3A, B, C, D, F & G

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 3/18/11 PLATE NO. W20-3.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 409 | E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W203.DGN PLOT DATE : 18-MAR-2011 12:08 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 9.931739:1.000000

WISDOT/CADDS SHEET 42

7

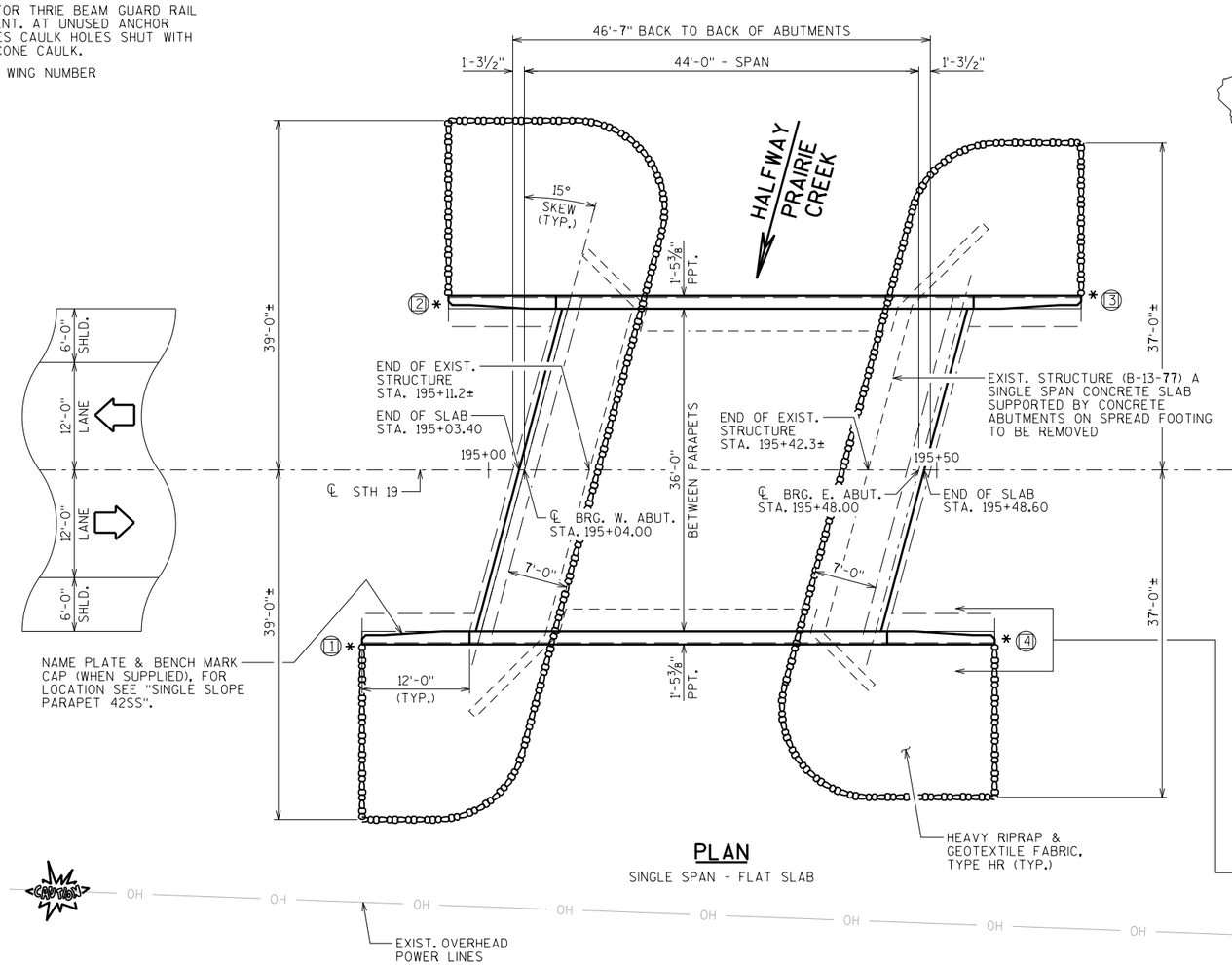
7

STATE PROJECT NUMBER

5145-00-71

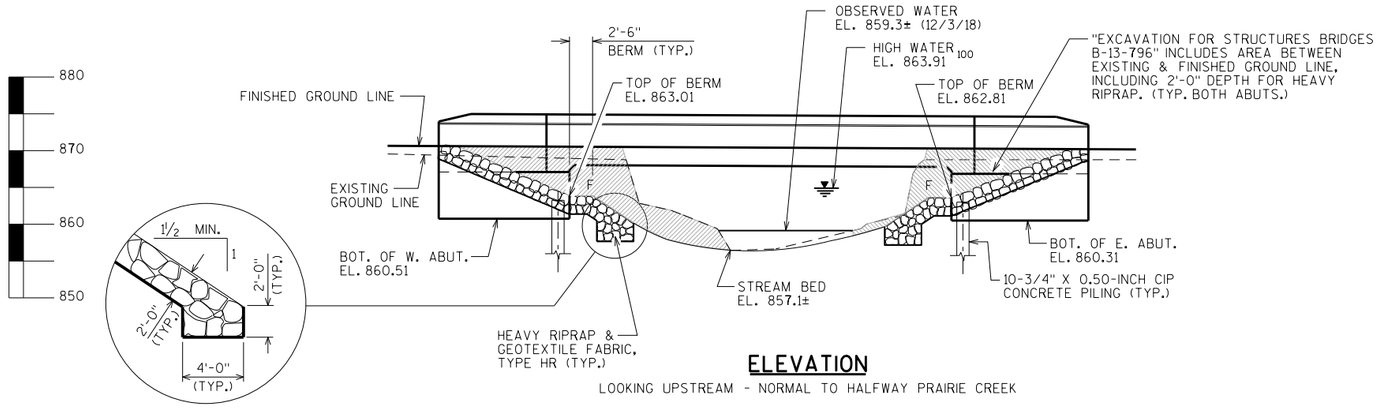
* PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT. AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH 100% SILICONE CAULK.

(1) INDICATES WING NUMBER



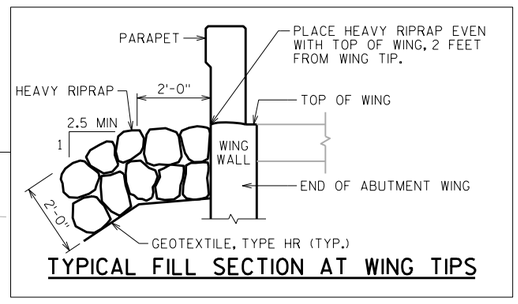
PLAN

SINGLE SPAN - FLAT SLAB



ELEVATION

LOOKING UPSTREAM - NORMAL TO HALFWAY PRAIRIE CREEK



TYPICAL FILL SECTION AT WING TIPS

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF = 1.22
OPERATING RATING FACTOR: RF = 1.58
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 250(KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY:
SUPERSTRUCTURE — f'c = 4,000 P.S.I.
ALL OTHER — f'c = 3,500 P.S.I.

BAR STEEL REINFORCEMENT:
GRADE 60 — fy = 60,000 P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON 10-3/4" X 0.50-INCH CIP CONCRETE PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 145 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATED 75'LONG AT WEST ABUTMENT, AND 50'LONG AT EAST ABUTMENT.

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

HYDRAULIC DATA

100 YEAR FREQUENCY

Q_{100} = 800 C.F.S.
$VEL._{100}$ = 6.5 F.P.S.
$HW._{100}$ = EL. 863.91
WATERWAY AREA = 124 SQ. FT.
DRAINAGE AREA = 10.4 SQ. MI.
ROADWAY OVERTOPPING = N/A
SCOUR CRITICAL CODE = 8

2 YEAR FREQUENCY

Q_2 = 275 C.F.S.
$VEL._2$ = 3.3 F.P.S.
$HW._2$ = EL. 861.8

TRAFFIC VOLUME

STH 19

ADT = 3,000 (2043)
R.D.S. = 55 M.P.H.

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. SUBSURFACE EXPLORATION
4. WEST ABUTMENT
5. WEST ABUTMENT DETAILS
6. EAST ABUTMENT
7. EAST ABUTMENT DETAILS
8. SUPERSTRUCTURE DETAILS 1
9. SUPERSTRUCTURE DETAILS 2
10. SINGLE SLOPE PARAPET 42SS

STRUCTURE DESIGN CONTACTS:

ALEXANDER CRABTREE (608) 266-3686
KYLE BUSCH (608) 267-0465

NO.	DATE	REVISION	BY

WISCONSIN DEPARTMENT OF TRANSPORTATION — BUREAU OF STRUCTURES

ACCEPTED KHB 9/15/23
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-13-796

STH 19 OVER HALFWAY PRAIRIE CREEK

COUNTY	TOWN
DANE	BERRY

DESIGN SPEC. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGNED CK'D.	DRAWN BY	PLANS CK'D.
ARC	RRH	MJH	RRH

GENERAL PLAN

SHEET 1 OF 10

410

I.D. 5145-00-01A

DATE: SEPT. 2023

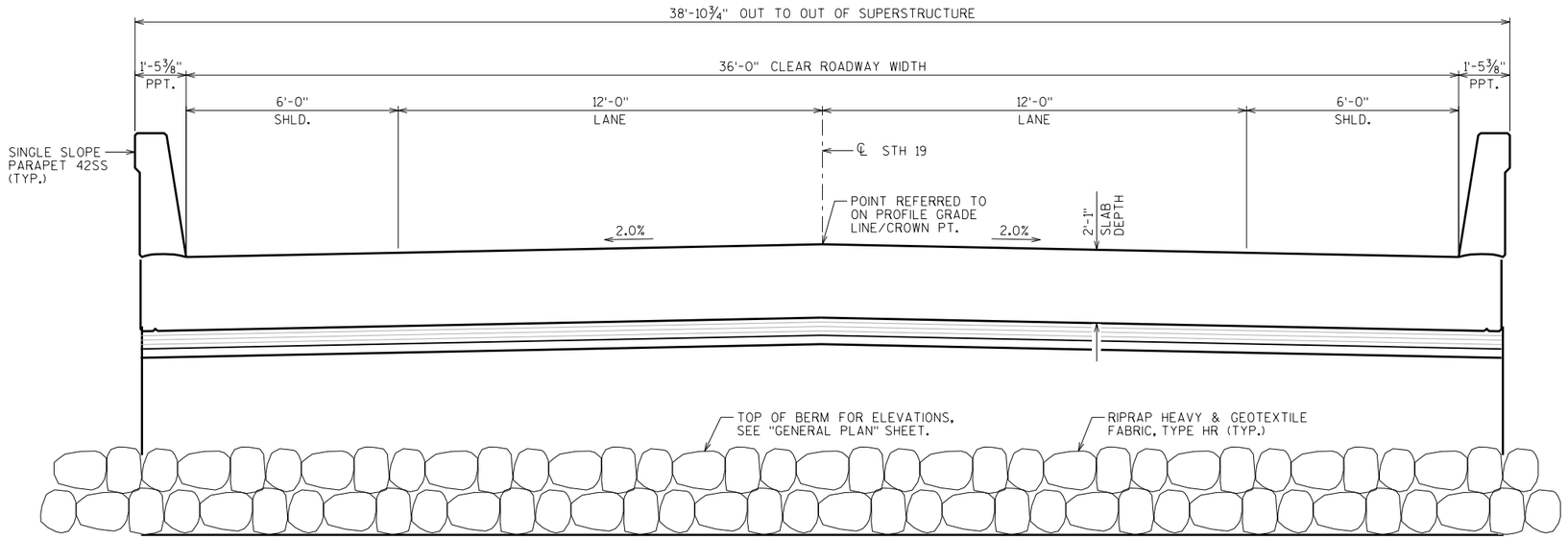
SCALE = 8.00

8

8

STATE PROJECT NUMBER

5145-00-71



CROSS SECTION THRU ROADWAY

LOOKING UPSTATION

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES B-13-796" SHALL BE THE EXISTING GROUNDLINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.

EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL. GEOTEXTILE SHALL BE SET AT THE BOTTOM OF EXCAVATION AND EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON WINGS.

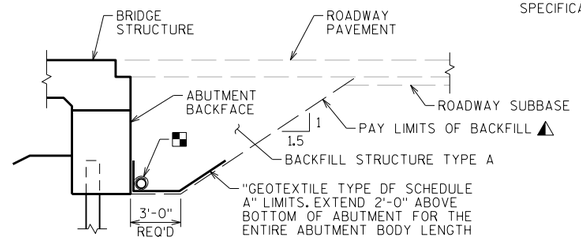
THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP AND GEOTEXTILE TYPE "HR" TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS.

SLAB FALSEWORK SHALL BE SUPPORTED ON PILES OR THE SUBSTRUCTURE, UNLESS AN ALTERNATE METHOD IS APPROVED BY THE ENGINEER.

AT ABUTMENTS, CONCRETE POURED UNDER WATER WILL BE ALLOWED AND SHALL BE DONE IN ACCORDANCE WITH SECTION 502.3.5.3 OF THE STANDARD SPECIFICATIONS.

TOTAL ESTIMATED QUANTITIES

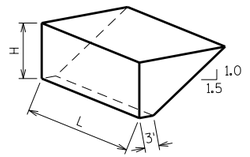
BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST ABUT.	EAST ABUT.	TOTALS
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS B-13-77	EACH	———	———	———	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-13-796	EACH	———	———	———	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	———	173	173	346
502.0100	CONCRETE MASONRY BRIDGES	CY	155.8	37.0	36.9	230
502.3200	PROTECTIVE SURFACE TREATMENT	SY	195	———	———	195
502.3210	PIGMENTED SURFACE SEALER	SY	69	———	———	69
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	———	2,420	2,410	4,830
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	27,470	2,380	2,370	32,220
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	———	11	11	22
550.2108	PILING CIP CONCRETE 10 3/4 X 0.50-INCH	LF	———	600	400	1,000
606.0300	RIPRAP HEAVY	CY	———	102	95	197
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	———	77	77	154
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4	———	———	4
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	———	38	38	76
645.0120	GEOTEXTILE TYPE HR	SY	———	173	161	334
	NON-BID ITEMS					
	FILLER	SIZE	———	———	———	½", ¾"



TYPICAL SECTION THRU ABUTMENT

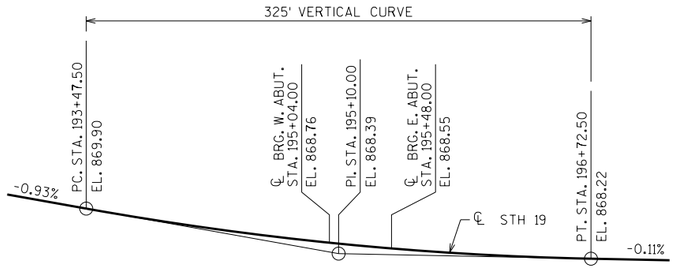
⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

▪ PIPE UNDERDRAIN WRAPPED (6 INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.



ABUTMENT BACKFILL DIAGRAM FOR WINGS PARALLEL TO ROADWAY

L = OUT TO OUT OF ABUTMENT, INCLUDING WINGS (FT)
H = AVERAGE ABUTMENT FILL HEIGHT (FT)
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
V_{CF} = (L)(3.0')(H) + (L)(0.5)(1.5H)(H)
V_{CY} = V_{CF} (EF)/27
V_{TON} = V_{CY} (2.0)



PROFILE GRADE LINE STH 19

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

CROSS SECTION & QUANTITIES

SHEET 2

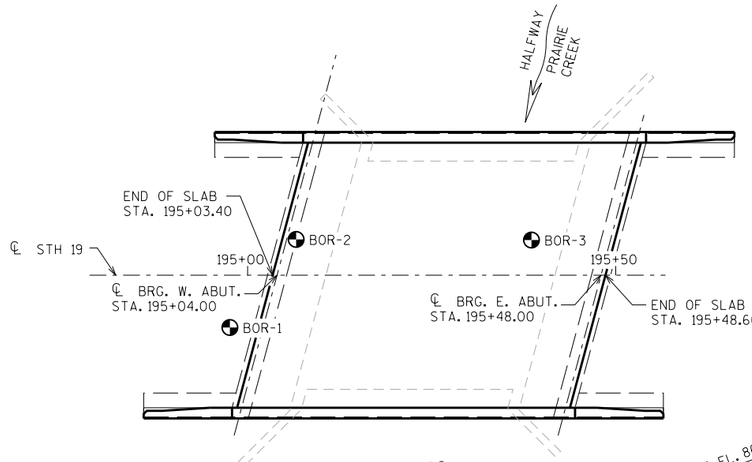
411

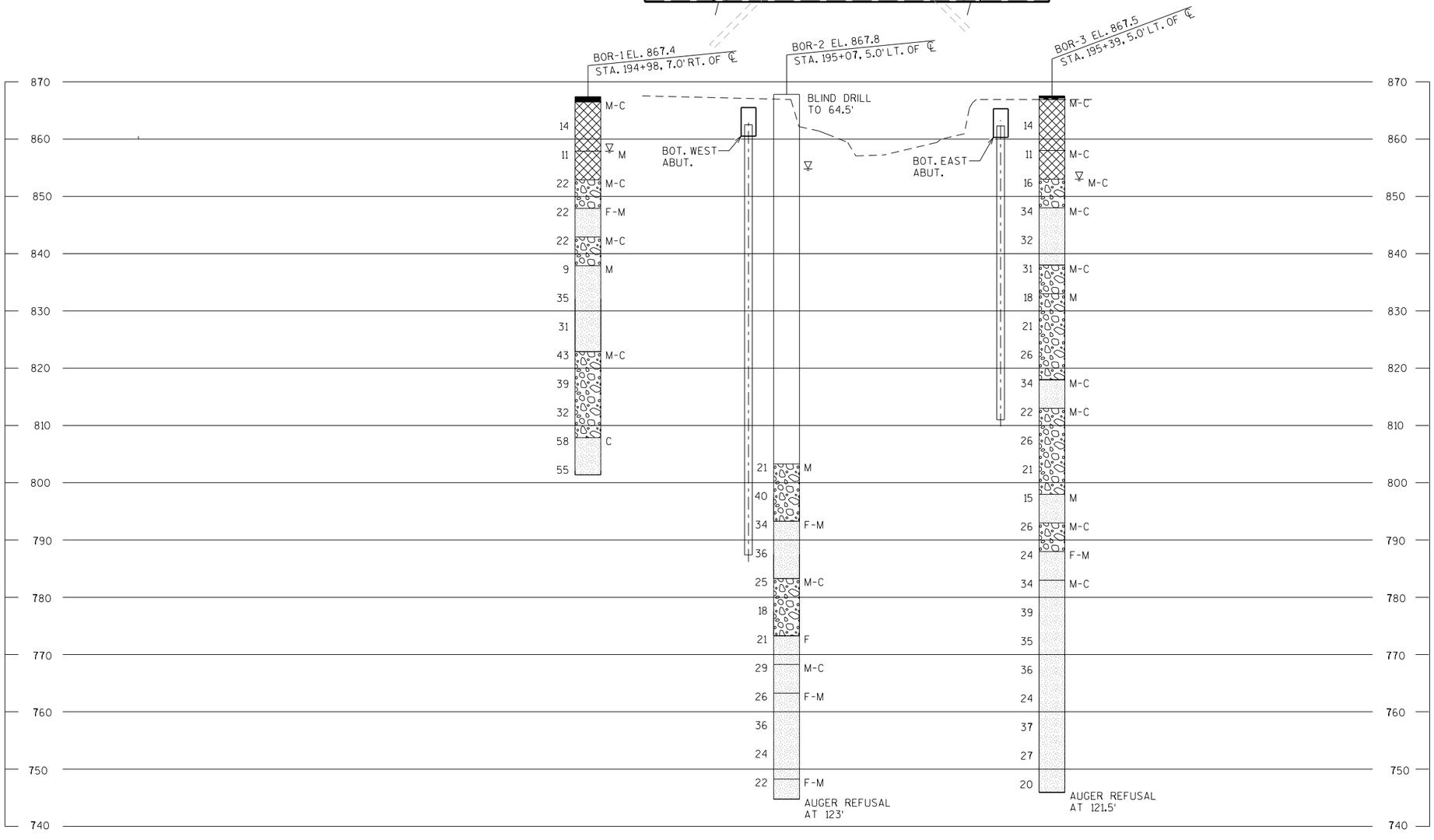
SCALE = 2.00

8

8

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
1	8/04/2021	523953.3	740109.6
2	9/01/2021	523964.7	740119.3
3	9/01/2021	523962.7	740151.2
BORINGS COMPLETED BY: GESTRA			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) DANE COUNTY			
COORDINATES COLLECTED USING NON-SURVEY GRADE EQUIPMENT			





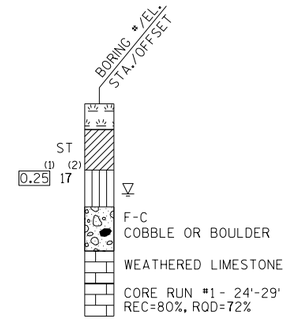
STATE PROJECT NUMBER

5145-00-71

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- ▽ AT TIME OF DRILLING
- ▼ END OF DRILLING
- ▽ AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH/TLP | PLANS CK'D. RRH

SUBSURFACE EXPLORATION

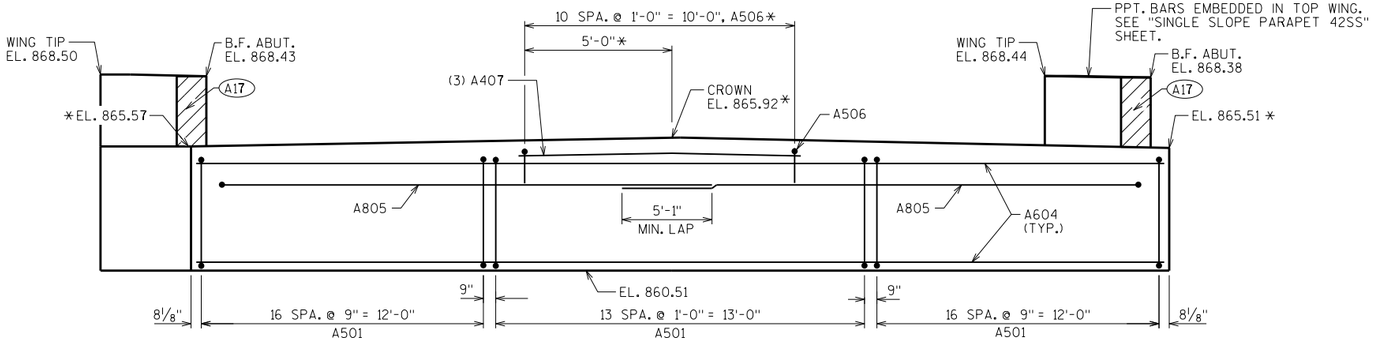
SHEET 3

412

SCALE = 10.00

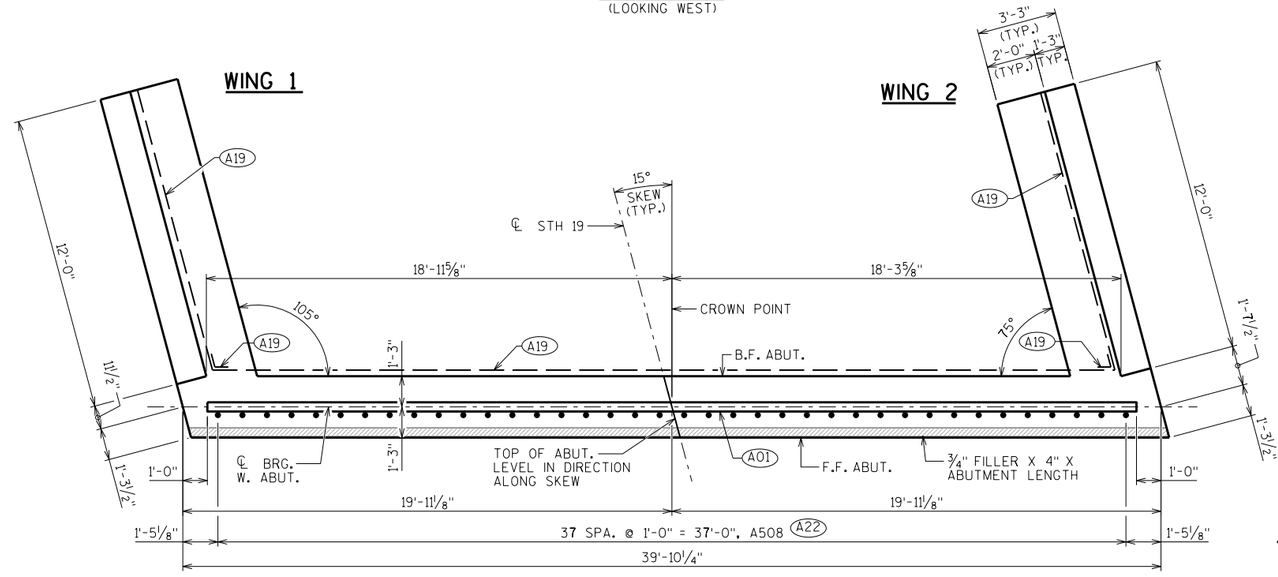
STATE PROJECT NUMBER

5145-00-71

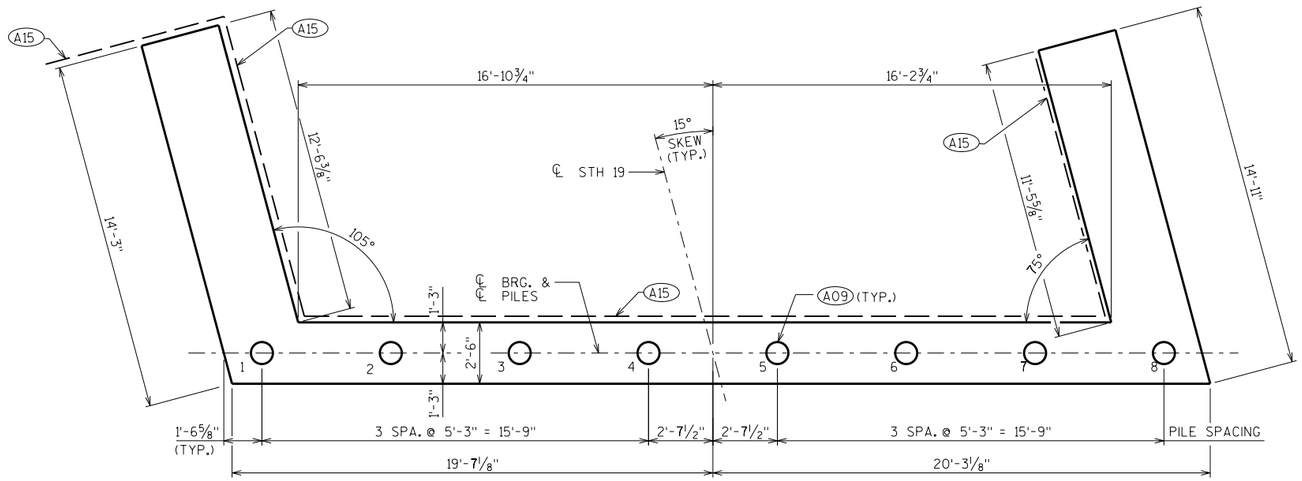


ELEVATION

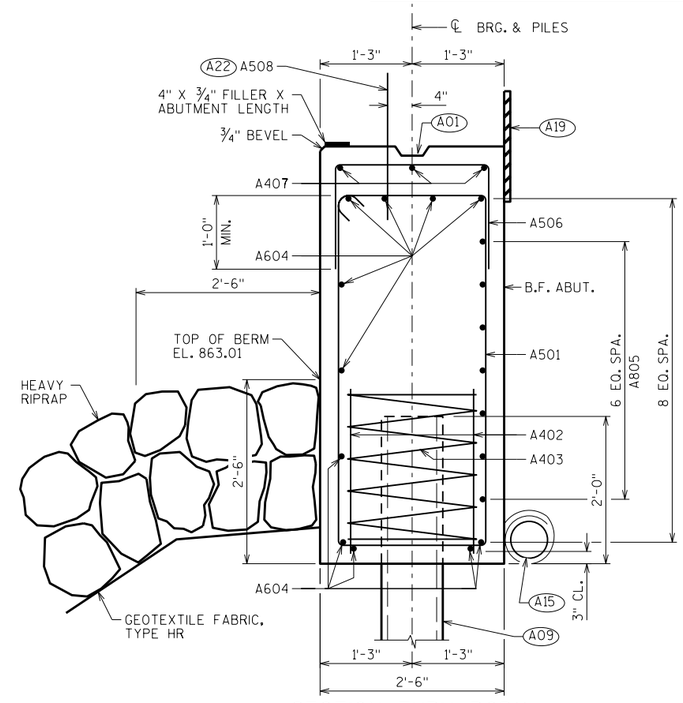
(LOOKING WEST)



PLAN



PILE PLAN



SECTION THRU BODY

* ELEVATIONS & DIMENSIONS ARE GIVEN ALONG THE ℄ OF BEARING

(A01) CONST. JOINT: KEYWAY FORMED BY A BEVELED 2 × 6.

(A09) SUPPORT ABUTMENT ON 10 3/4" DIA. X 0.50" CAST-IN-PLACE CONCRETE PILING, ESTIMATED 75' LONG WITH A REQUIRED DRIVING RESISTANCE OF 145 TONS PER PILE.

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH), SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED. SEE RODENT SHIELD DETAIL ON ABUT. DETAIL SHEET.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH); SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A22) A508 BARS @ 1'-0" CTRS. MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. (EMBED 1'-0" INTO CONC.)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

WEST ABUTMENT

SHEET 4

413

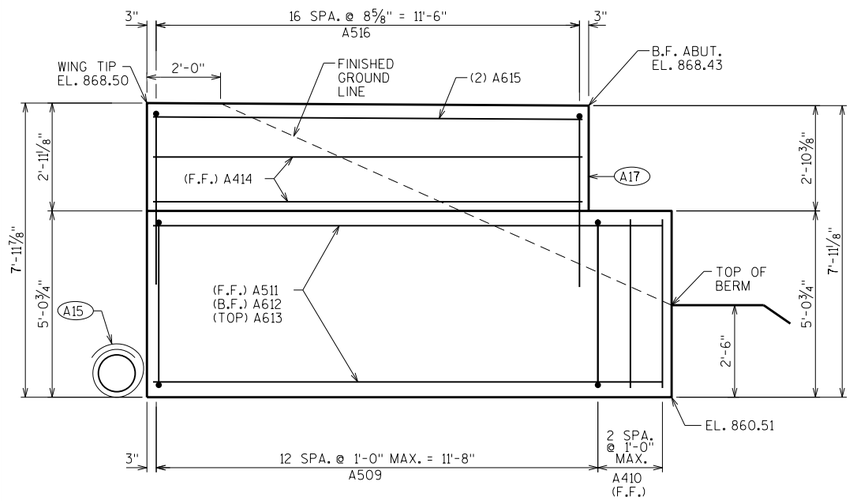
SCALE = 3.00

8

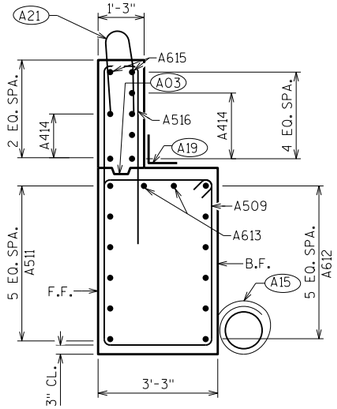
8

STATE PROJECT NUMBER

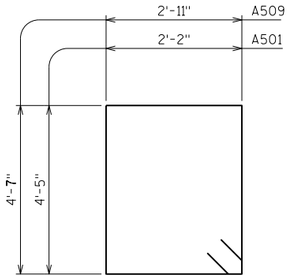
5145-00-71



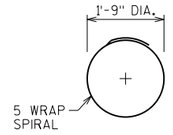
WING 1 ELEVATION



WING 1 SECTION



A501. A509

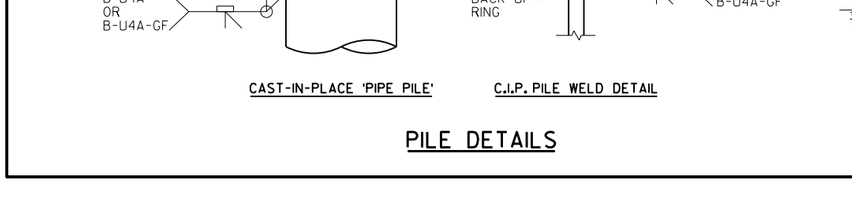


A403

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A501		48	13'-10"	X		BODY-STIRRUPS
A402		16	2'-3"			PILES - 2 PER BODY PILE
A403		8	28'-0"	X		PILES - 1 PER BODY PILE
A604		11	39'-6"			BODY - HORIZ. - F.F., TOP. & BOT.
A805		14	22'-2"	X		BODY - HORIZ. - B.F.
A506		11	4'-9"	X		BODY - VERT. - TOP
A407		3	10'-6"			BODY - HORIZ. - TOP
A508	X	38	2'-0"			BODY - VERT. - TOP
A509	X	26	15'-8"	X		WINGS 1 & 2 - STIRRUPS
A410	X	5	4'-7"			WINGS 1 & 2 - VERT. - END OF ABUTMENTS
A511	X	6	13'-11"			WING 1 - HORIZ. - F.F. - LOWER WING
A612	X	6	14'-6"			WING 1 - HORIZ. - B.F. - LOWER WING
A613	X	2	14'-2"			WING 1 - HORIZ. - TOP - LOWER WING
A414	X	12	11'-8"			WINGS 1 & 2 - HORIZ. - UPPER WINGS - F.F. & B.F.
A615	X	4	11'-8"			WINGS 1 & 2 - HORIZ. - UPPER WINGS - TOP
A516	X	34	10'-4"	X		WINGS 1 & 2 - VERT. - UPPER WINGS
A517	X	6	14'-6"			WING 2 - HORIZ. - F.F. - LOWER WING
A618	X	6	13'-5"			WING 2 - HORIZ. - B.F. - LOWER WING
A619	X	2	14'-0"			WING 2 - HORIZ. - TOP - LOWER WING



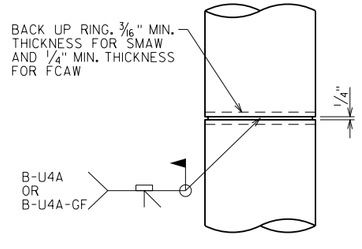
WING 2 ELEVATION

WING 2 SECTION

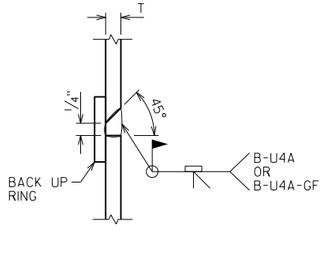
A805

A506

A516

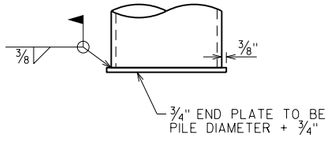


CAST-IN-PLACE 'PIPE PILE'

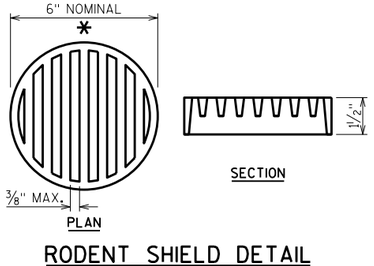


C.I.P. PILE WELD DETAIL

PILE DETAILS



END PLATE DETAIL



PLAN

SECTION

RODENT SHIELD DETAIL

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

(A03) OPTIONAL CONST. JOINT: KEYWAY FORMED BY BEVELED 2 x 6. (18" RMW @ B.F. & 3/4" "V" GROOVE @ F.F. IF JOINT IS USED).

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED. DETAIL THIS SHEET.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A21) FOR PPT. BARS AND DIMENSIONS, SEE "SINGLE SLOPE PARAPET 42SS" SHEET.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

WEST ABUTMENT DETAILS

SHEET 5

414

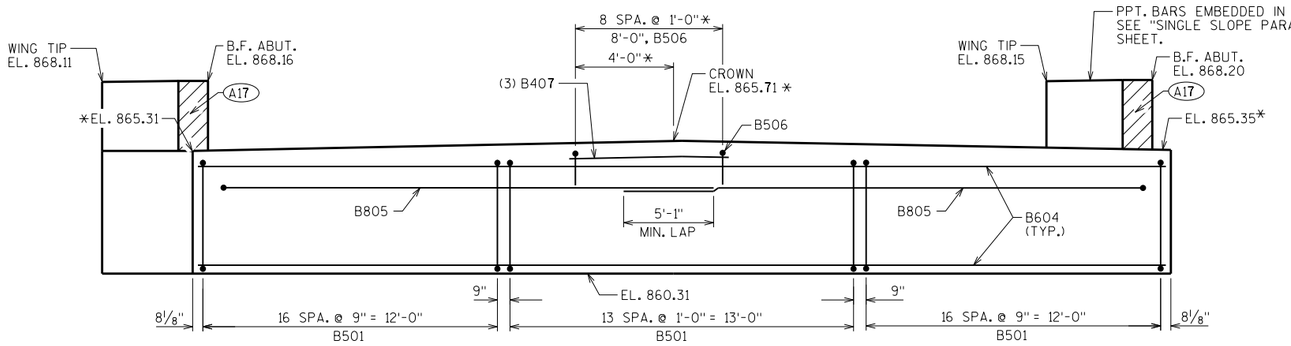
SCALE = 2.00

8

8

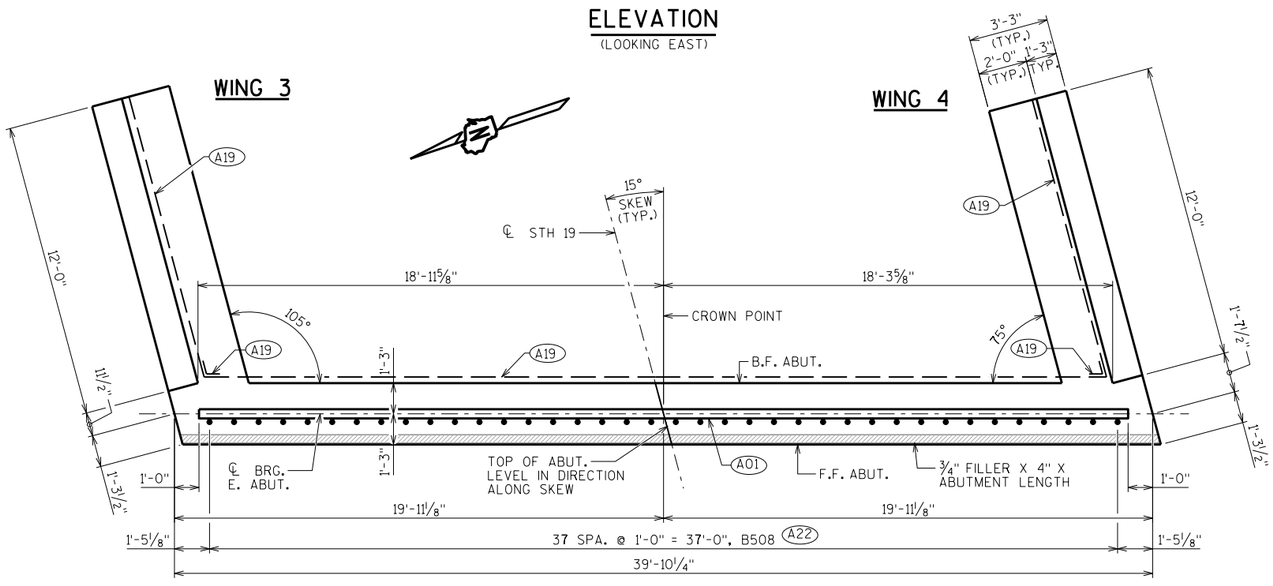
STATE PROJECT NUMBER

5145-00-71

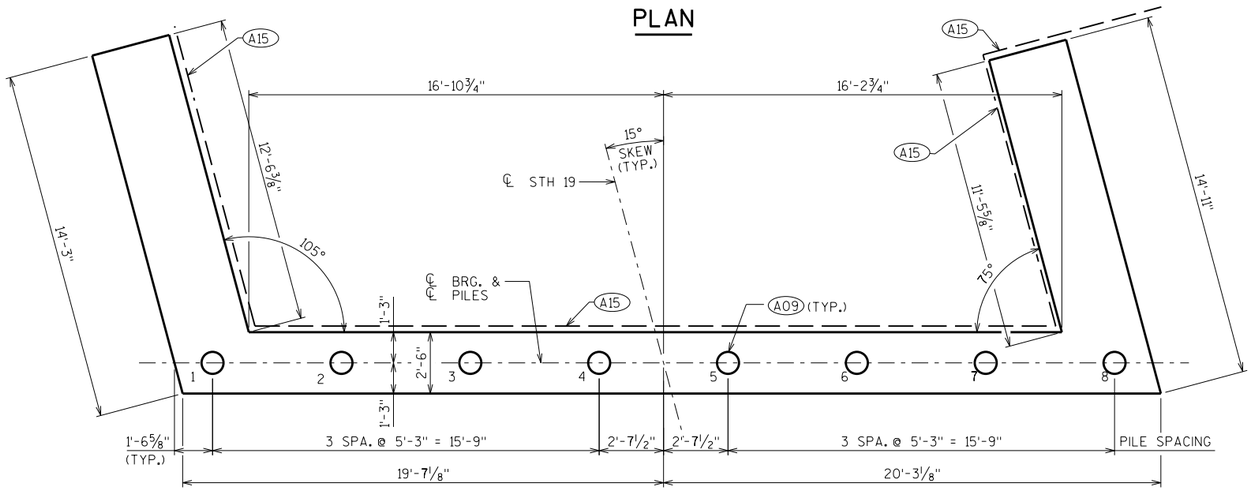


ELEVATION

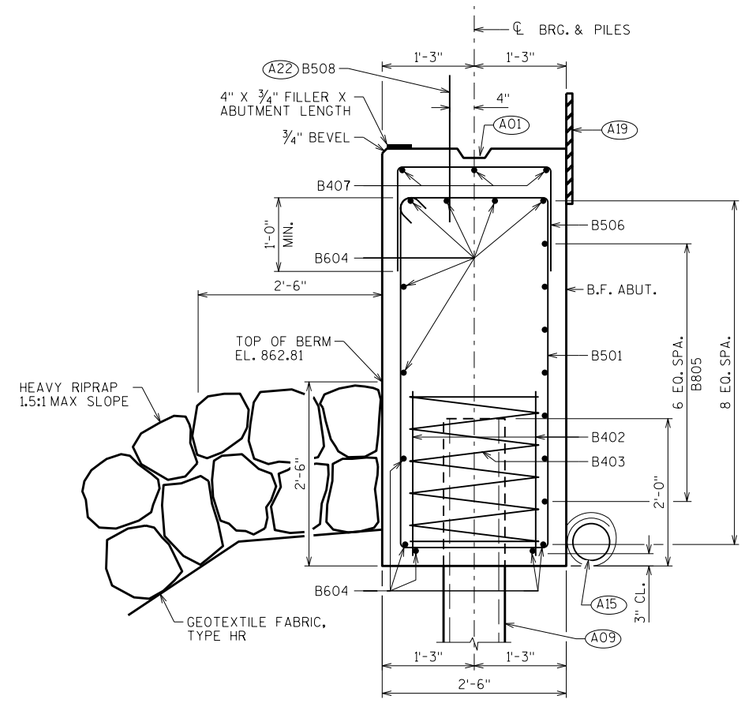
(LOOKING EAST)



PLAN



PILE PLAN



SECTION THRU BODY

* ELEVATIONS & DIMENSIONS ARE GIVEN ALONG THE ℄ OF BEARING

(A01) CONST. JOINT: KEYWAY FORMED BY A BEVELED 2 x 6.

(A09) SUPPORT ABUTMENT ON 10 3/4" DIA. X 0.50" CAST-IN-PLACE CONCRETE PILING, ESTIMATED 50' LONG WITH A REQUIRED DRIVING RESISTANCE OF 145 TONS PER PILE.

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED. SEE RODENT SHIELD DETAIL ON ABUT. DETAIL SHEET.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A22) B508 BARS @ 1'-0" CTRS. MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. (EMBED 1'-0" INTO CONC.)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

EAST ABUTMENT

SHEET 6

415

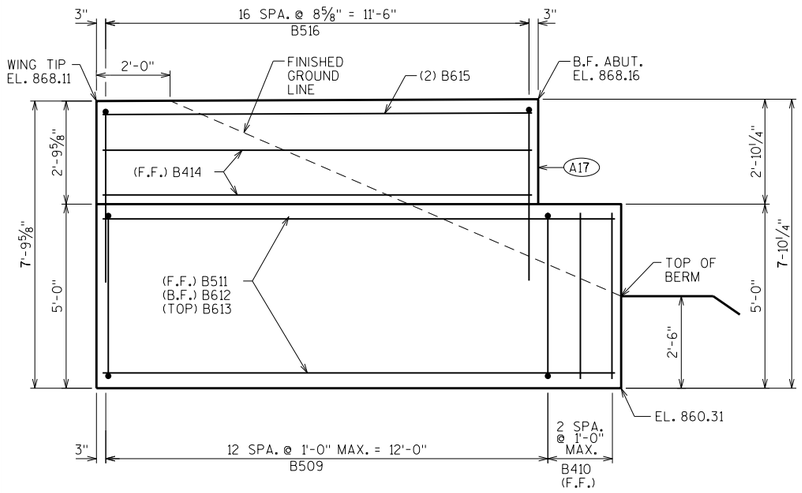
SCALE = 3.00

8

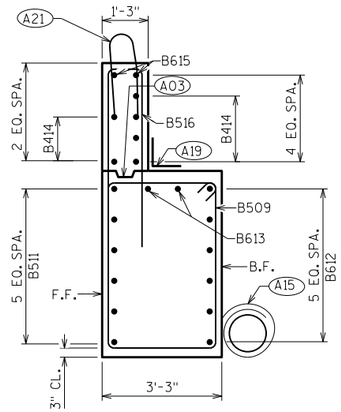
8

STATE PROJECT NUMBER

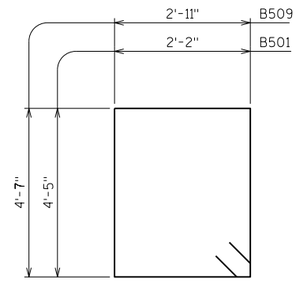
5145-00-71



WING 3 ELEVATION



WING 3 SECTION

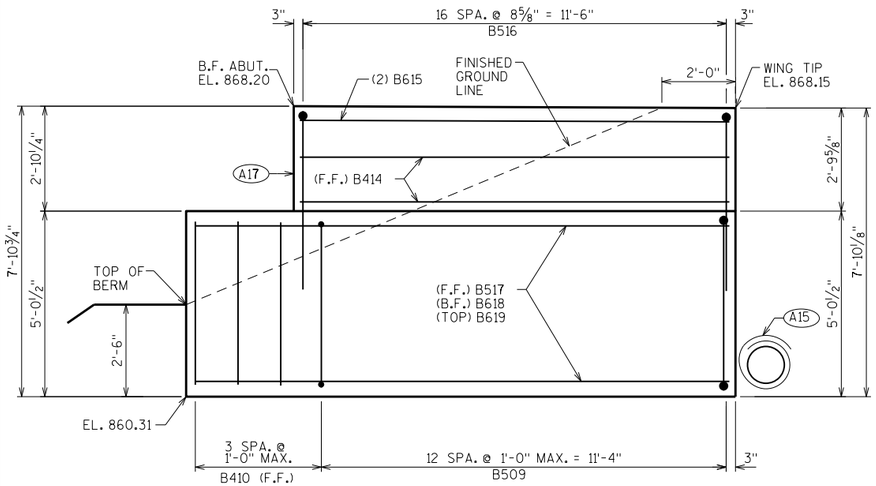


B501. B509

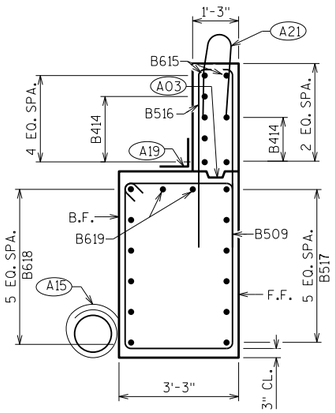
BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

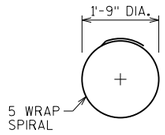
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
B501		48	13'-10"	X		BODY-STIRRUPS
B402		16	2'-3"			PILES - 2 PER BODY PILE
B403		8	28'-0"	X		PILES - 1 PER BODY PILE
B604		11	39'-6"			BODY - HORIZ. - F.F., TOP. & BOT.
B805		14	22'-2"	X		BODY - HORIZ. - B.F.
B506		9	4'-9"	X		BODY - VERT. - TOP
B407		3	8'-6"			BODY - HORIZ. - TOP
B508	X	38	2'-0"			BODY - VERT. - TOP
B509	X	26	15'-8"	X		WINGS 3 & 4 - STIRRUPS
B410	X	5	4'-7"			WINGS 3 & 4 - VERT. - END OF ABUTMENTS
B511	X	6	13'-11"			WING 3 - HORIZ. - F.F. - LOWER WING
B612	X	6	14'-6"			WING 3 - HORIZ. - B.F. - LOWER WING
B613	X	2	14'-2"			WING 3 - HORIZ. - TOP - LOWER WING
B414	X	12	11'-8"			WINGS 3 & 4 - HORIZ. - UPPER WINGS - F.F. & B.F.
B615	X	4	11'-8"			WINGS 3 & 4 - HORIZ. - UPPER WINGS - TOP
B516	X	34	10'-2"	X		WINGS 3 & 4 - VERT. - UPPER WINGS
B517	X	6	14'-6"			WING 4 - HORIZ. - F.F. - LOWER WING
B618	X	6	13'-5"			WING 4 - HORIZ. - B.F. - LOWER WING
B619	X	2	14'-0"			WING 4 - HORIZ. - TOP - LOWER WING



WING 4 ELEVATION



WING 4 SECTION



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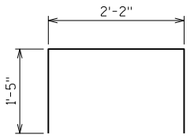

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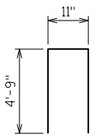

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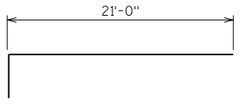

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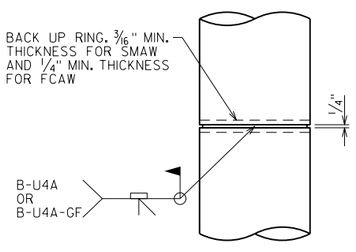
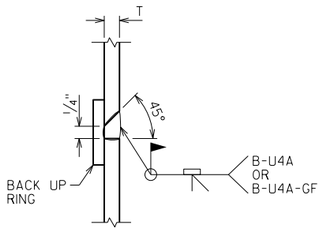
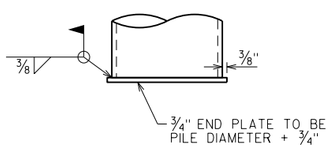


CAST-IN-PLACE 'PIPE PILE'

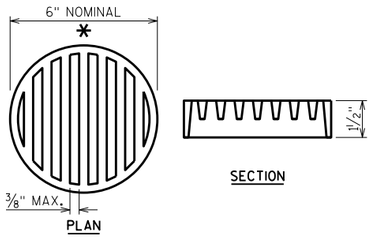


C.I.P. PILE WELD DETAIL

PILE DETAILS



END PLATE DETAIL



RODENT SHIELD DETAIL

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

(A03) OPTIONAL CONST. JOINT: KEYWAY FORMED BY BEVELED 2 x 6. (18" RMW @ B.F. & 3/4" "V" GROOVE @ F.F. IF JOINT IS USED).

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED. DETAIL THIS SHEET.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A21) FOR PPT. BARS AND DIMENSIONS, SEE "SINGLE SLOPE PARAPET 42SS" SHEET.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

EAST ABUTMENT DETAILS

SHEET 7

416

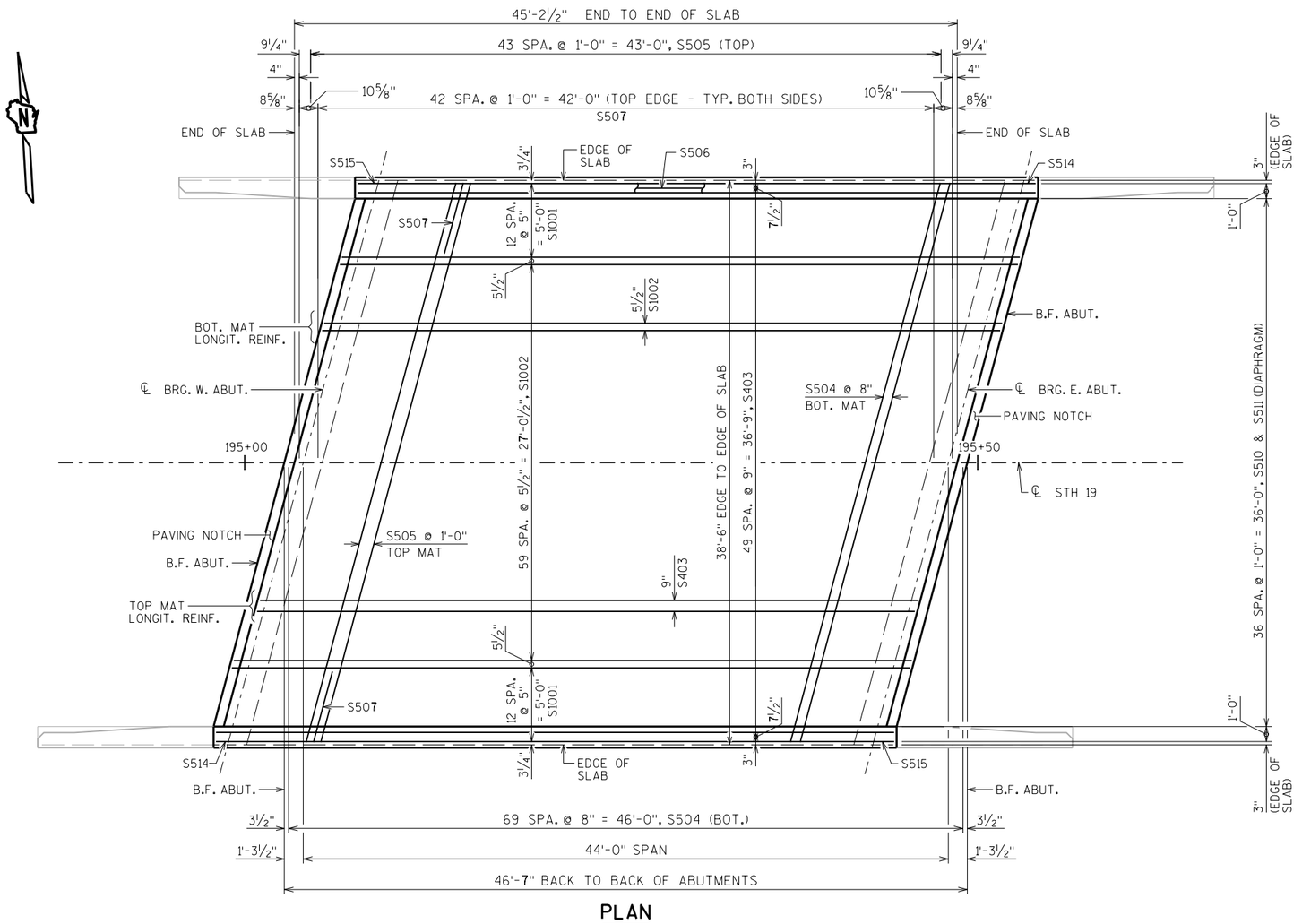
SCALE = 2.00

8

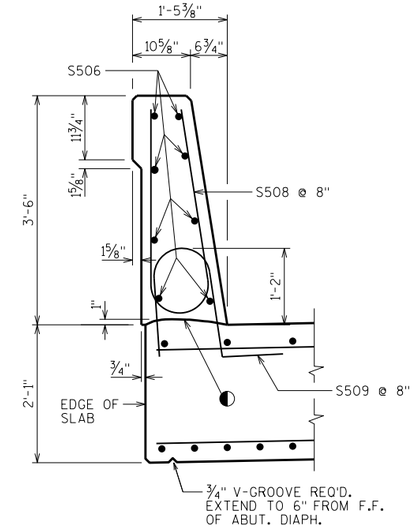
8

STATE PROJECT NUMBER

5145-00-71

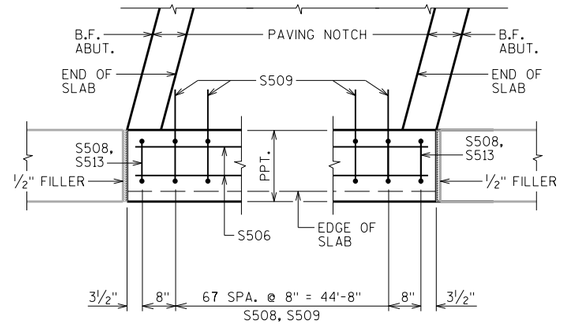


PLAN



SECTION THRU PARAPET ON BRIDGE

◐ CONSTRUCTION JOINT - STRIKE OFF AS SHOWN



PARTIAL PLAN DETAIL OF PARAPET REINF.

(SHOWING SOUTH CORNERS OF WEST & EAST ABUTMENTS. DETAIL TYP. OF BOTH EDGES OF SUPERSTRUCTURE)

TOP OF SLAB ELEVATIONS

	℄ BRG. W. ABUT.	1/10 PT.	2/10 PT.	3/10 PT.	4/10 PT.	5/10 PT.	6/10 PT.	7/10 PT.	8/10 PT.	9/10 PT.	℄ BRG. E. ABUT.
NORTH GUTTER	868.37	868.35	868.33	868.30	868.28	868.26	868.24	868.22	868.20	868.19	868.17
CROWN/℄ STH 19	868.76	868.73	868.71	868.69	868.67	868.65	868.62	868.60	868.58	868.57	868.55
SOUTH GUTTER	868.42	868.40	868.38	868.35	868.33	868.31	868.29	868.27	868.25	868.23	868.21

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

SUPERSTRUCTURE DETAILS 1

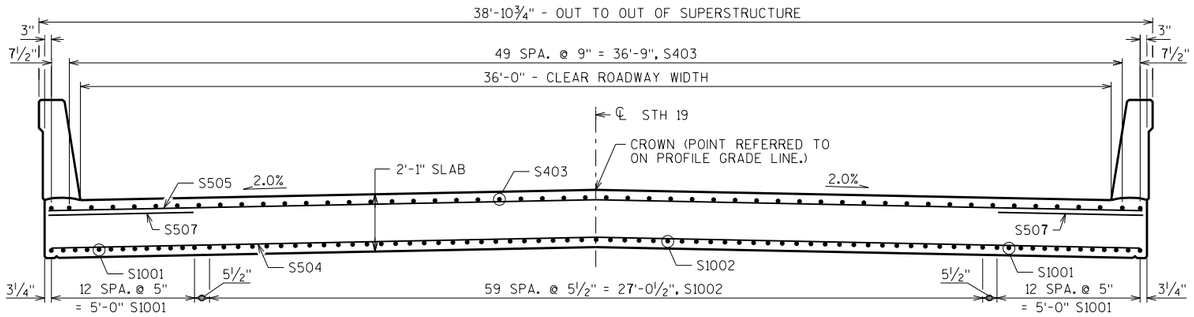
SHEET 8

417

SCALE = 4.50

STATE PROJECT NUMBER

5145-00-71

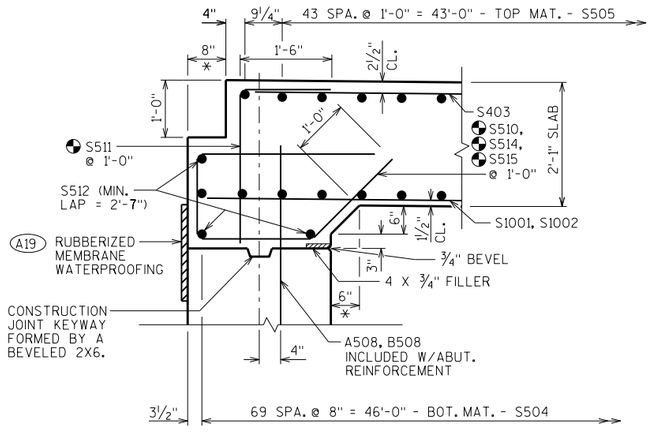


CROSS SECTION THRU ROADWAY

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

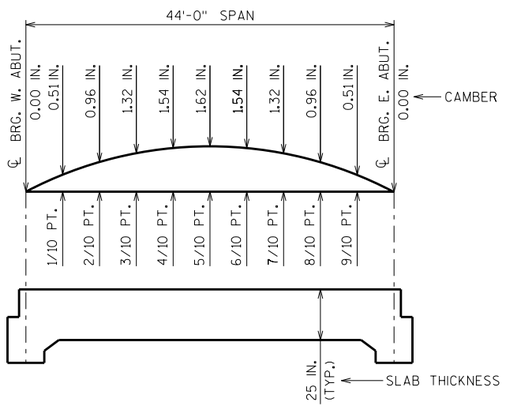
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
S1001	X	26	46'-2"			BOT. EXT. STRIP LONGIT.
S1002	X	60	46'-2"			BOT. INT. STRIP LONGIT.
S403	X	52	44'-10"			TOP LONGIT.
S504	X	70	39'-6"			BOT. TRANSVERSE
S505	X	46	39'-6"			TOP TRANSVERSE
S506	X	16	46'-3"			PARAPET - LONGITUDINAL
S507	X	90	5'-0"			SLAB - TRANS. EDGE OF SLAB
S508	X	140	6'-8"	X		PARAPET - VERT.
S509	X	136	4'-5"	X		PARAPET & SLAB - VERT.
S510	X	74	7'-8"	X		DIAPH. - VERT.
S511	X	74	3'-9"	X		DIAPH. - VERT.
S512	X	12	21'-0"			DIAPH. - HORIZ.
S513	X	4	5'-10"	X		PARAPET & SLAB - VERT. - PAVING NOTCH
S514	X	2	8'-3"	X		DIAPH. - VERT. - WINGS 1 & 3
S515	X	2	8'-10"	X		DIAPH. - VERT. - WINGS 2 & 4



DIAPHRAGM CROSS SECTION

* DIMENSION IS TAKEN NORMAL TO SUBSTRUCTURE UNIT.

BARS PLACES PARALLEL TO ROADWAY, AND SPACED NORMAL TO EDGE OF SLAB



CAMBER AND SLAB THICKNESS DIAGRAM

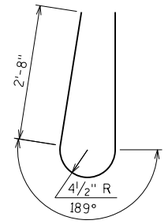
CAMBER IS BASED ON 3 TIMES DEAD LOAD DEFLECTION.

CAMBER SPANS AS SHOWN TO PROVIDE FOR DEAD LOAD DEFLECTION AND FUTURE CREEP. CAMBER DOES NOT INCLUDE ALLOWANCE FOR FORM SETTLEMENT.

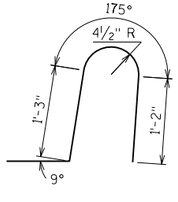
PARAPETS PLACED ON TOP OF THE SLAB SHALL BE POURED AFTER THE FALSEWORK HAS BEEN RELEASED.

TO DETERMINE FALSEWORK ELEVATION AT EDGE OF SLAB, CROWN OR CENTER LINE FOLLOW THIS PROCEDURE:

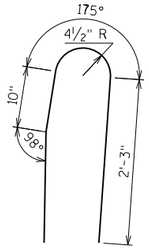
TOP OF DECK ELEVATION AT FINAL GRADE
MINUS..... SLAB THICKNESS
PLUS..... CAMBER
PLUS..... FORM SETTLEMENT/DEFLECTION DUE TO PLACEMENT OF SLAB CONCRETE (TO BE COMPUTED BY THE CONTRACTOR)
EQUALS = TOP OF SLAB FALSEWORK ELEVATION.



S508

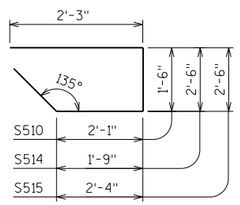


S509



S513

S511



S510, S514, S515

NOTES

TOP TRANSVERSE BARS IN SLAB SHALL BE SUPPORTED BY INDIVIDUAL BAR CHAIRS AT APPROXIMATELY 3'-0" CENTERS EACH WAY. BOTTOM LONGITUDINAL BARS SHALL BE SUPPORTED BY CONTINUOUS BAR CHAIRS AT APPROXIMATELY 4'-0" CENTERS.

ALL SLAB THICKNESS DIMENSIONS ARE MINIMUM. ANY TOLERANCES NECESSARY TO CORRECT CONSTRUCTION DISCREPANCIES ARE TO BE PLUS (+).

A19 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

SURVEY TOP OF SLAB ELEVATIONS

	℄ BRG. W. ABUT	5/10 PT.	℄ BRG. E. ABUT
NORTH GUTTER			
CROWN/ ℄ STH 19			
SOUTH GUTTER			

PRIOR TO RELEASING SLAB FALSEWORK, TAKE TOP OF DECK ELEVATIONS AT THE ℄ OF ABUTMENTS, AND AT 5/10 PTS. TO VERIFY CAMBER. TAKE ELEVATIONS ALONG GUTTER LINES AND CROWN/℄. RECORD THE ELEVATIONS IN THE ABOVE TABLE FOR THE "AS BUILT" PLANS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

SUPERSTRUCTURE DETAILS 2

SHEET 9

418

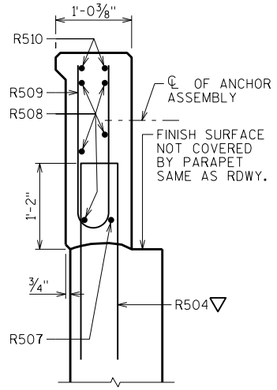
SCALE = 4.50

8

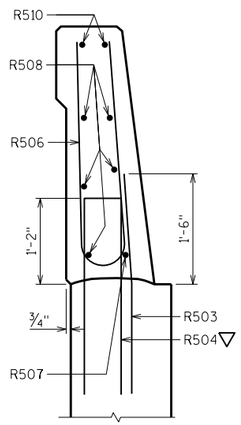
8

STATE PROJECT NUMBER

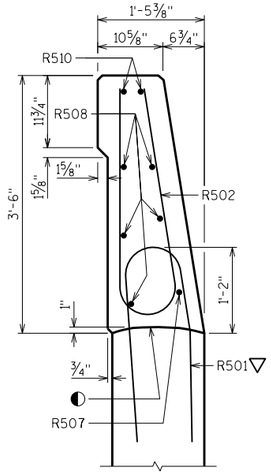
5145-00-71



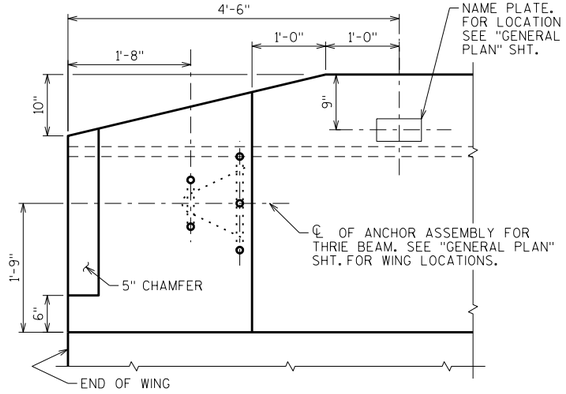
SECTION A-A



SECTION B-B



SECTION C-C



PARAPET END TREATMENT DETAIL

LOOKING AT INSIDE FACE OF PARAPET

BILL OF BARS

FOR ABUTMENT PARAPETS

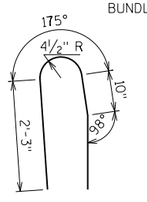
BAR MARK	COAT	WEST ABUT.	EAST ABUT.	LENGTH	BENT	BAR SERIES	LOCATION
R501	X	10	10	5'-10"	X		PARAPET VERT.
R502	X	10	10	6'-8"	X		PARAPET VERT.
R503	X	24	24	3'-0"	X		PARAPET VERT.
R504	X	34	34	5'-7"	X		PARAPET VERT.
R505	X	10	10	6'-5"	X		PARAPET VERT.
R506	X	12	12	6'-6"	X		PARAPET VERT.
R507	X	2	2	11'-7"	X		PARAPET HORIZ.
R508	X	10	10	11'-7"			PARAPET HORIZ.
R509	X	12	12	5'-5"	X	⚠	PARAPET VERT.
R510	X	4	4	11'-7"	X		PARAPET HORIZ.

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

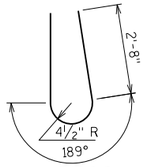
BAR SERIES TABLE

BAR MARK	NO. REQ'D	LENGTH
R509	4 SERIES OF 6	4'-9" TO 6'-1"

BUNDLE AND TAG EACH SERIES SEPARATELY.



R501



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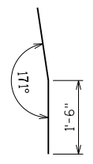
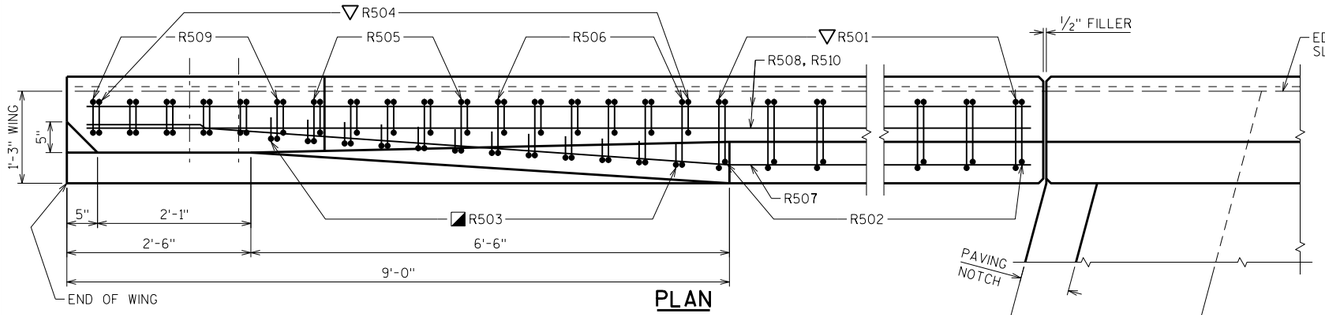


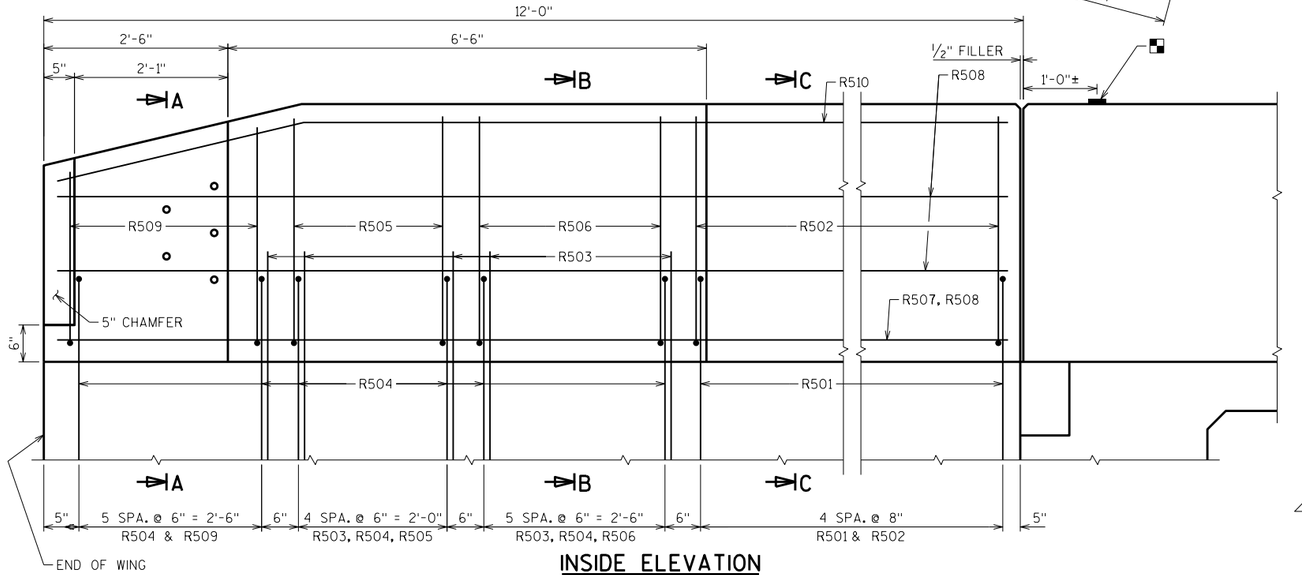
R503

R504



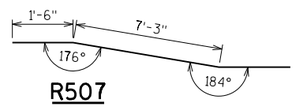
PLAN

NW CORNER SHOWN, OTHERS SIMILAR

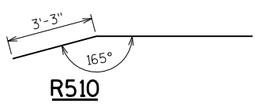


INSIDE ELEVATION

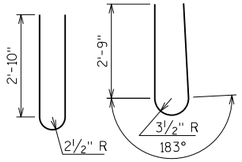
NW CORNER SHOWN, OTHERS SIMILAR



R507



R510



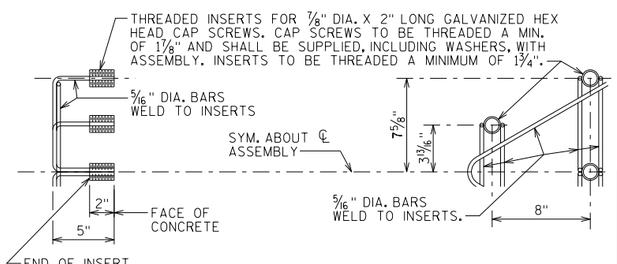
R505 R506 R509

■ BENCH MARK CAP (WHEN SUPPLIED). AVOID PLACING A BENCH MARK CAP BELOW A RAIL OR FENCE SYSTEM THAT IS ATTACHED TO THE TOP OF THE PARAPET.

◐ CONST. JOINT - STRIKE OFF AS SHOWN

◪ R503 BARS MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. USE CARE TO PLACE R503 BARS CORRECTLY ALONG TRANSITION OF PARAPET.

▽ R501 AND R504 BARS TO BE TIED TO WING STEEL BEFORE WING IS POURED.



DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-796

DRAWN BY MJH | PLANS CK'D. RRH

SINGLE SLOPE PARAPET 42SS

SHEET 10

419

8

8

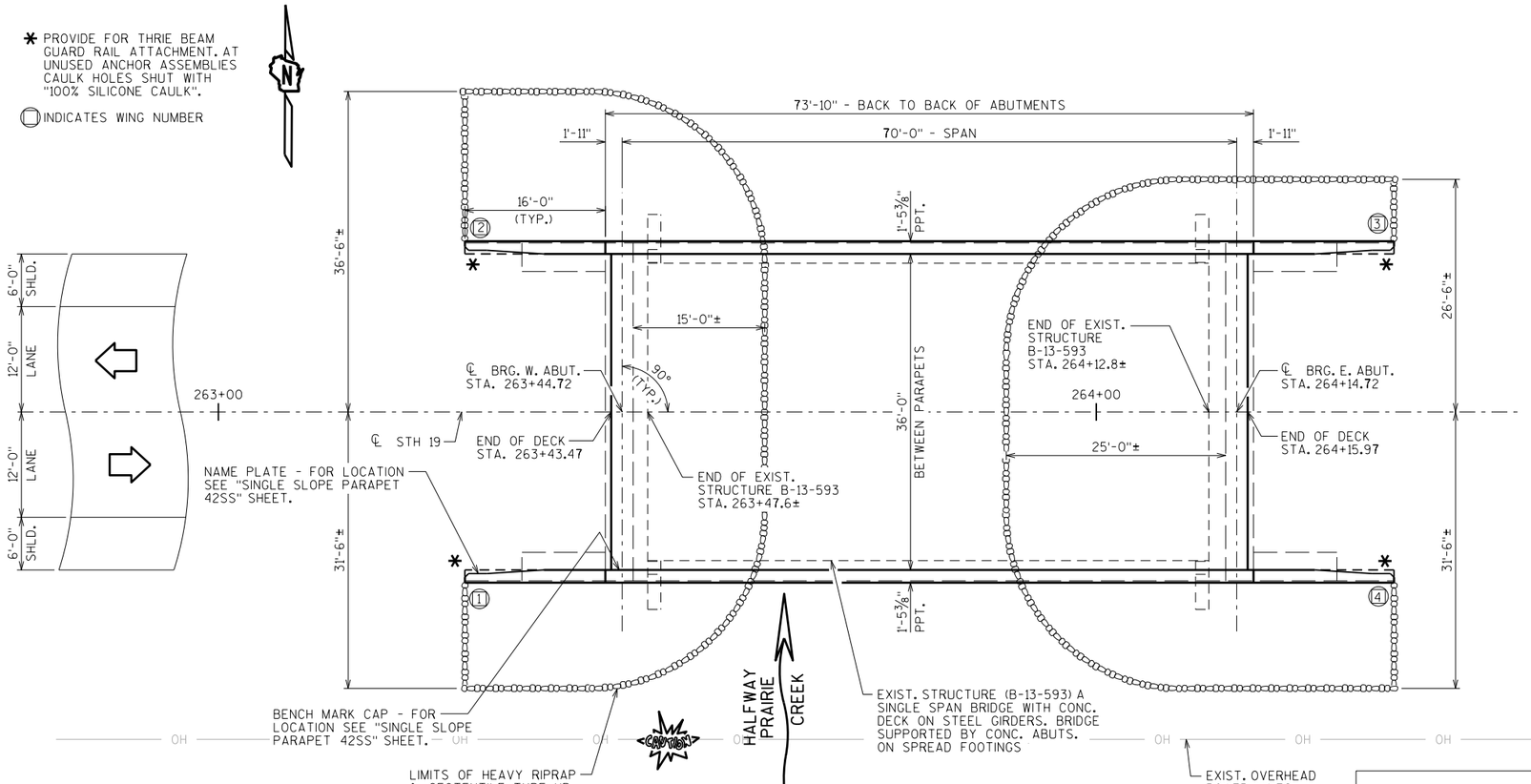
SCALE = 1.00

STATE PROJECT NUMBER

5145-00-71

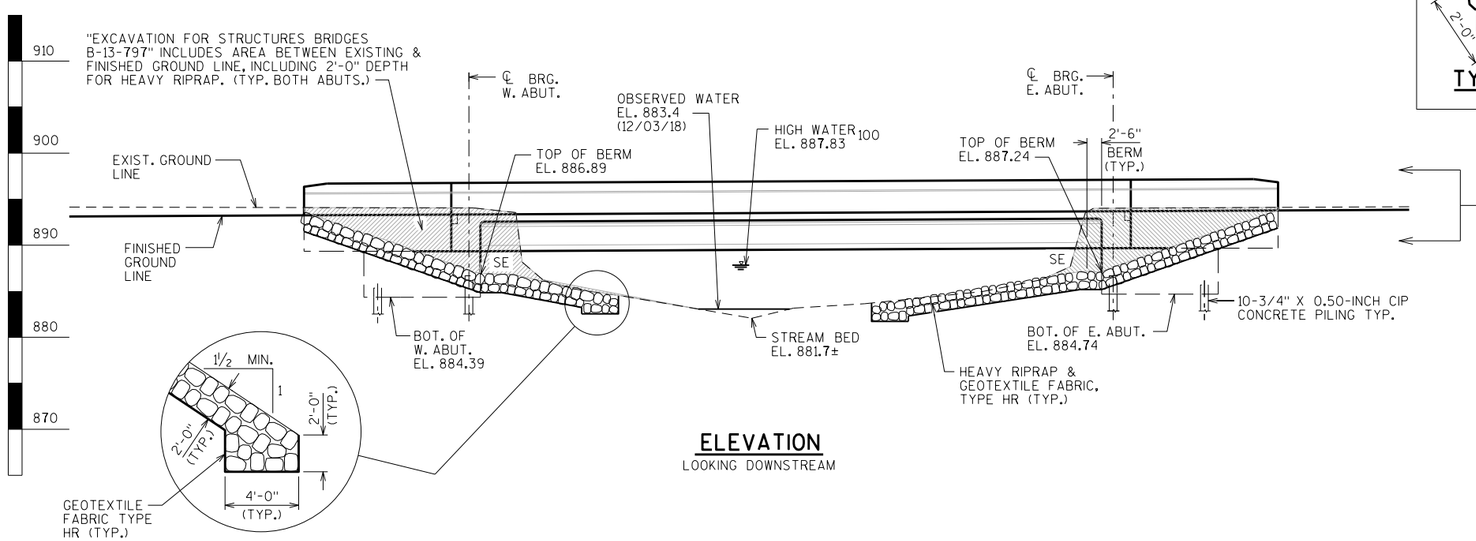
* PROVIDE FOR THRIE BEAM GUARD RAIL ATTACHMENT. AT UNUSED ANCHOR ASSEMBLIES CAULK HOLES SHUT WITH "100% SILICONE CAULK".

(n) INDICATES WING NUMBER



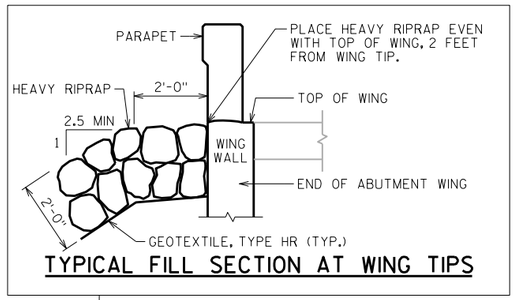
PLAN

SINGLE SPAN - 36W" PRESTRESSED GIRDER



ELEVATION

LOOKING DOWNSTREAM



TYPICAL FILL SECTION AT WING TIPS

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: RF = 1.07
OPERATING RATING FACTOR: RF = 1.39
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): 250(KIPS)

STRUCTURE IS DESIGNED FOR A FUTURE WEARING SURFACE OF 20 POUNDS PER SQUARE FOOT.

MATERIAL PROPERTIES:

CONCRETE MASONRY:
SUPERSTRUCTURE — f'c = 4,000 P.S.I.
ALL OTHER — f'c = 3,500 P.S.I.

BAR STEEL REINFORCEMENT:
GRADE 60 — fy = 60,000 P.S.I.

36W" PRESTRESSED GIRDERS:
CONCRETE MASONRY — f'c = 8,000 P.S.I.
STRANDS: 0.6" DIA. WITH ULTIMATE TENSILE STRENGTH OF 270,000 P.S.I.

FOUNDATION DATA

ABUTMENTS TO BE SUPPORTED ON 10-3/4" X 0.50-INCH CIP CONCRETE PILING DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 150 TONS ** PER PILE AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. ESTIMATED 60'LONG AT WEST ABUTMENT AND 50'LONG AT EAST ABUTMENT.

** THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

HYDRAULIC DATA

100 YEAR FREQUENCY

Q_{100} = 700 C.F.S.
$VEL._{100}$ = 4.5 F.P.S.
$HW._{100}$ = EL. 887.83
WATERWAY AREA = 157 SQ. FT.
DRAINAGE AREA = 7.14 SQ. MI.
ROADWAY OVERTOPPING = N/A
SCOUR CRITICAL CODE = 8

2 YEAR FREQUENCY

Q_2 = 290 C.F.S.
$VEL._2$ = 4.4 F.P.S.
HW. = EL. 886.14

TRAFFIC VOLUME

STH 19

ADT = 3,000 (2043)
R.D.S. = 55 M.P.H.

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION & QUANTITIES
3. SUBSURFACE EXPLORATION
4. WEST ABUTMENT
5. WEST ABUTMENT DETAILS
6. EAST ABUTMENT
7. EAST ABUTMENT DETAILS
8. 36W" PRESTRESSED GIRDER DETAILS 1
9. 36W" PRESTRESSED GIRDER DETAILS 2
10. STEEL DIAPHRAGM
11. SUPERSTRUCTURE DETAILS 1
12. SUPERSTRUCTURE DETAILS 2
13. SINGLE SLOPE PARAPET 42SS

STRUCTURE DESIGN CONTACTS:

ALEXANDER CRABTREE (608) 266-3686
KYLE BUSCH (608) 267-0465

NO.	DATE	REVISION	BY

BUREAU OF STRUCTURES

ACCEPTED KHB 9/15/23
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE B-13-797

STH 19 OVER HALFWAY PRAIRIE CREEK

COUNTY: DANE — TOWN ~~CITY/VILLAGE~~: BERRY

DESIGN SPEC.: AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGNED CK'D.	DRAWN BY	PLANS CK'D.
ARC	RRH	MJH	RRH

GENERAL PLAN

SHEET 1 OF 13

420

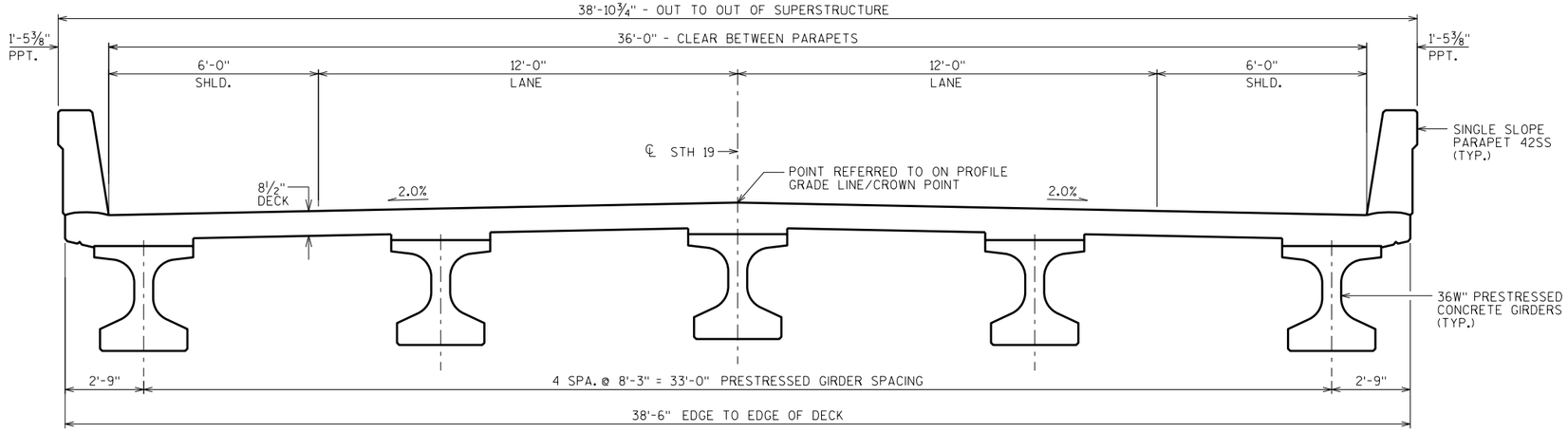
I.D. 5145-00-01B

DATE: SEPT. 2023

SCALE = 8.00

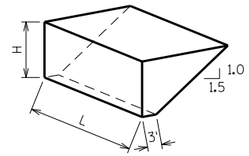
8

8



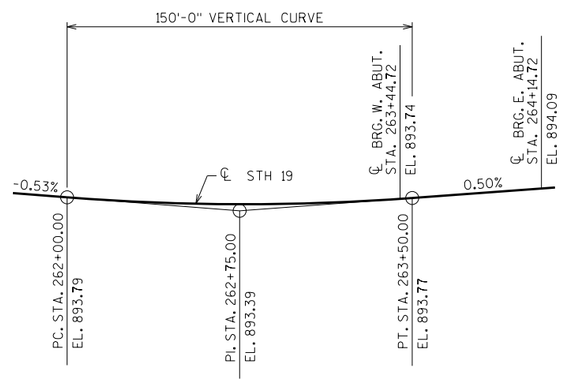
CROSS SECTION THRU ROADWAY

LOOKING UPSTATION



ABUTMENT BACKFILL DIAGRAM FOR WINGS PARALLEL TO ROADWAY

L = OUT TO OUT OF ABUTMENT, INCLUDING WINGS (FT)
H = AVERAGE ABUTMENT FILL HEIGHT (FT)
EF = EXPANSION FACTOR (1.20 FOR CY BID ITEMS AND 1.00 FOR TON BID ITEMS)
V_{CF} = (L)(3.0')(H) + (L)(0.5)(1.5H)(H)
V_{CY} = V_{CF} (EF)/27
V_{TON} = V_{CY} (2.0)



PROFILE GRADE LINE - STH 19

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES BRIDGES B-13-797" SHALL BE THE EXISTING GROUNDLINE.

AT THE BACK FACE OF ABUTMENT ALL VOLUME WHICH CANNOT BE PLACED BEFORE ABUTMENT CONSTRUCTION AND IS NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH STRUCTURE BACKFILL TYPE A.

EXCAVATION BELOW THE ABUTMENT AND ABUTMENT BEDDING MATERIALS REQUIRES ENGINEER APPROVAL. GEOTEXTILE SHALL BE SET AT THE BOTTOM OF EXCAVATION AND EXTEND 2'-0" ABOVE BOTTOM OF ABUTMENT.

THE QUANTITY FOR BACKFILL STRUCTURE IS CALCULATED BASED ON THE DETAIL SHOWN IN THE PLANS.

ELASTOMERIC BEARING PADS NEED NOT BE INDIVIDUALLY MOLDED PROVIDED THE CUT EDGES ARE SMOOTH AND TRUE.

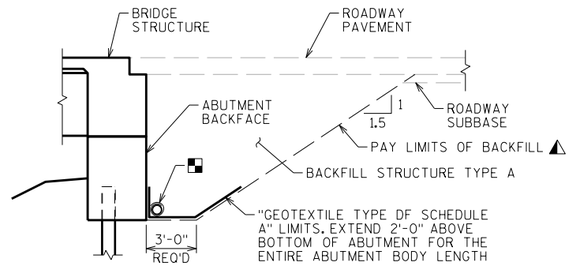
PROTECTIVE SURFACE TREATMENT TO BE APPLIED TO THE ENTIRE EXPOSED TOP OF DECK AND TO THE VERTICAL AND HORIZONTAL SURFACES OF THE PAVING NOTCHES AT ABUTMENT DIAPHRAGMS.

PIGMENTED SURFACE SEALER TO BE APPLIED TO THE FRONT FACE AND THE TOP OF THE PARAPETS, INCLUDING PARAPETS ON WINGS.

THE HAUNCH CONCRETE QUANTITY IS BASED ON THE AVERAGE HAUNCH SHOWN ON THE "36W PRESTRESSED GIRDER DETAILS 2" SHEET.

THE SLOPE OF THE FILL IN FRONT OF THE ABUTMENTS SHALL BE COVERED WITH HEAVY RIPRAP AND GEOTEXTILE TYPE "HR" TO THE EXTENT SHOWN ON SHEET 1 AND THE ABUTMENT DETAILS

AT ABUTMENTS, CONCRETE POURED UNDER WATER WILL BE ALLOWED AND SHALL BE DONE IN ACCORDANCE WITH SECTION 502.3.5.3 OF THE STANDARD SPECIFICATION



TYPICAL SECTION THRU ABUTMENT

⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

▪ PIPE UNDERDRAIN WRAPPED (6 INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN.

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	SUPER.	WEST ABUT.	EAST ABUT.	TOTALS
203.0260	REMOVING STRUCTURE OVER WATERWAY MINIMAL DEBRIS B-13-593	EACH	———	———	———	1
206.1001	EXCAVATION FOR STRUCTURES BRIDGES B-13-797	EACH	———	———	———	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	———	213	213	426
502.0100	CONCRETE MASONRY BRIDGES	CY	130.1	45.7	45.8	222
502.3200	PROTECTIVE SURFACE TREATMENT	SY	304	———	———	304
502.3210	PIGMENTED SURFACE SEALER	SY	104	———	———	104
503.0137	PRESTRESSED GIRDER TYPE I 36W-INCH	LF	355	———	———	355
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	LB	———	2,330	2,330	4,660
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	20,730	2,730	2,740	26,200
506.2605	BEARING PADS ELASTOMERIC NON-LAMINATED	EACH	———	5	5	10
506.4000	STEEL DIAPHRAGMS B-13-797	EACH	4	———	———	4
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	———	11	11	22
550.2108	PILING CIP CONCRETE 10 3/4 X 0.50-INCH	LF	———	660	550	1,210
606.0300	RIPRAP HEAVY	CY	———	129	143	272
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	———	71	71	142
614.0150	ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD	EACH	4	———	———	4
645.0111	GEOTEXTILE TYPE DF SCHEDULE A	SY	———	37	37	74
645.0120	GEOTEXTILE TYPE HR	SY	———	213	236	449
	NON-BID ITEMS					
	FILLER	SIZE	———	———	———	½", ¾"

STATE PROJECT NUMBER

5145-00-71

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

CROSS SECTION & QUANTITIES

SHEET 2

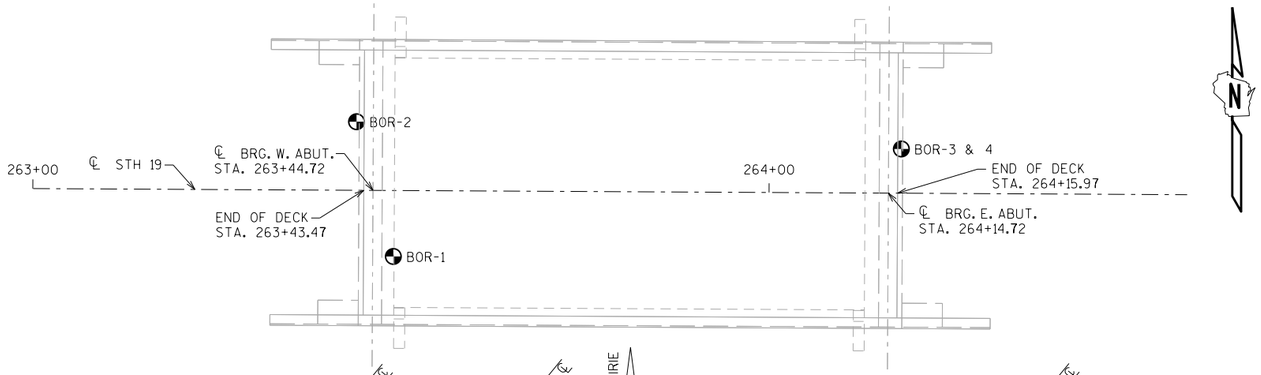
421

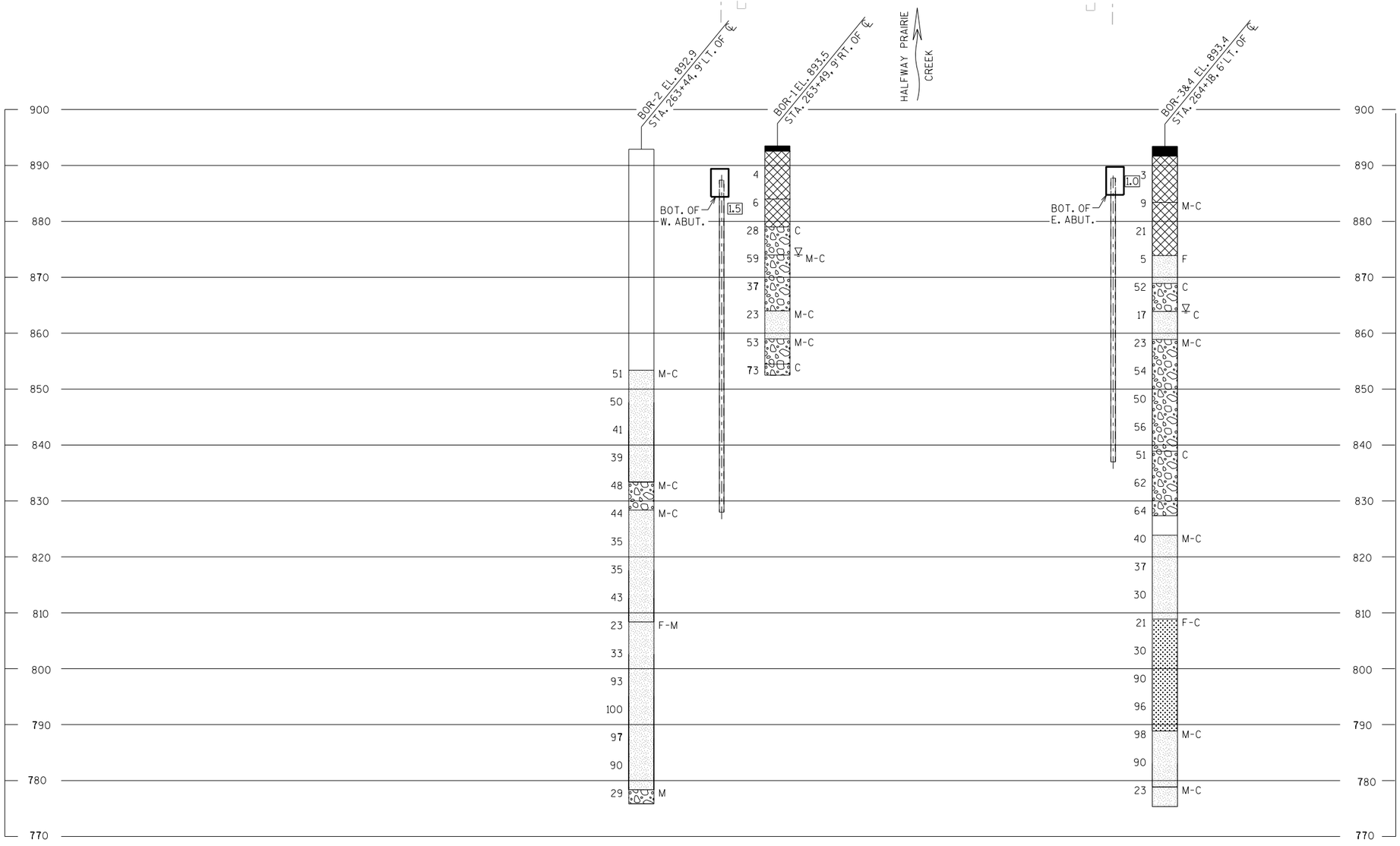
8

8

SCALE = 4.00

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
1	8/05/2021	525362.2	746665.3
2	9/02/2021	525380.5	746660.3
3	8/05/2021	525376.8	746734.3
4	9/02/2021	525376.8	746734.3
BORINGS COMPLETED BY: GESTRA			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) DANE COUNTY			
COORDINATES COLLECTED USING NON-SURVEY GRADE EQUIPMENT			





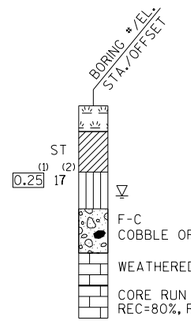
STATE PROJECT NUMBER

5145-00-71

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- ▽ AT TIME OF DRILLING
- ▼ END OF DRILLING
- ▽ AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY JSJ/MJH | PLANS CK'D. RRH

SUBSURFACE EXPLORATION

SHEET 3

422

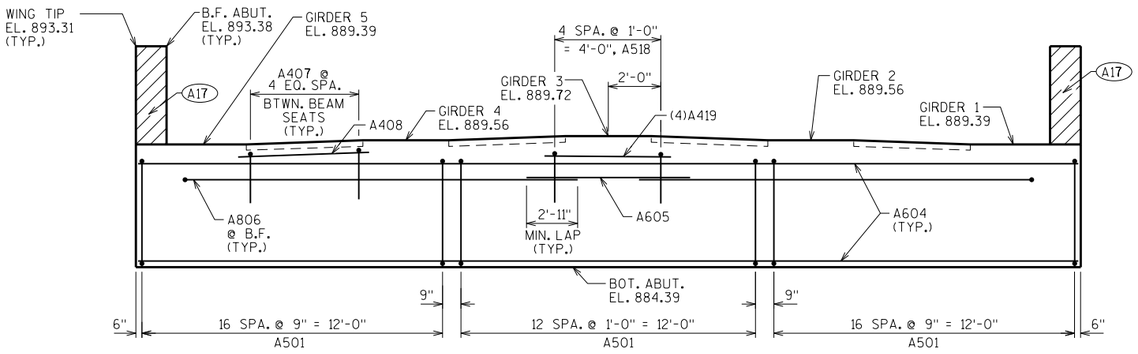
SCALE =

8

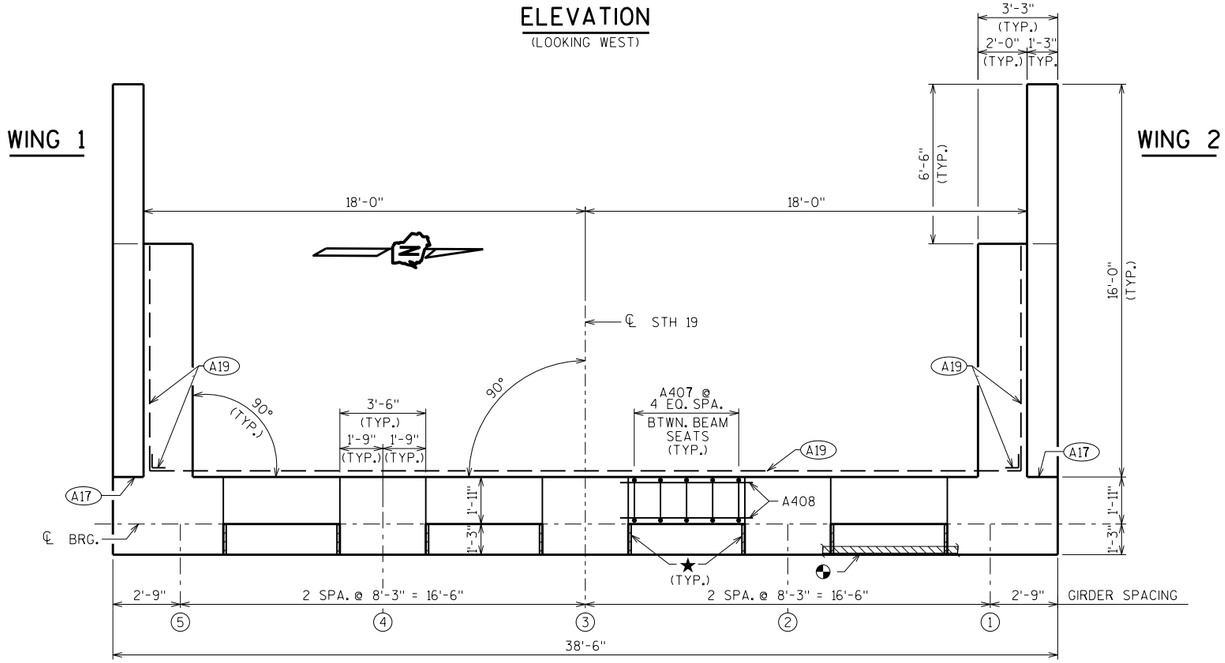
8

STATE PROJECT NUMBER

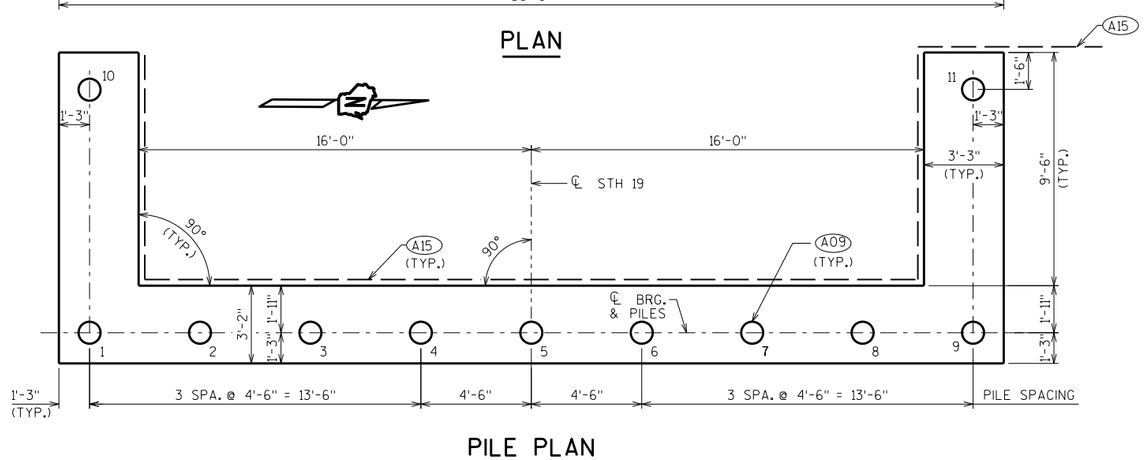
5145-00-71



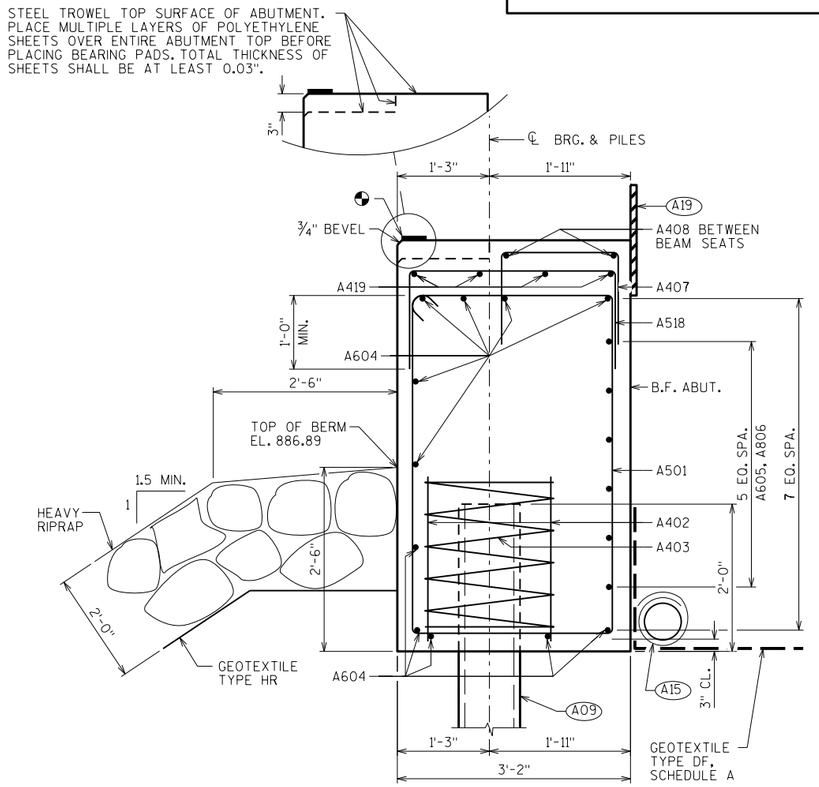
ELEVATION
(LOOKING WEST)



PLAN

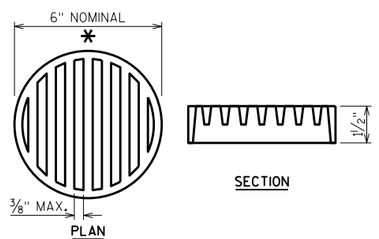


PILE PLAN



SECTION THRU BODY

- ◔ 4" X 1/2" PREFORMED JOINT FILLER X ABUTMENT LENGTH
- ★ 3/4" CORK FILLER ON VERTICAL BEAM SEAT FACES.
- (A09) SUPPORT ABUTMENT ON 10 3/4" X 0.50-INCH CAST-IN-PLACE CONCRETE PILING, ESTIMATED 60' LONG WITH A REQUIRED DRIVING RESISTANCE OF 150 TONS PER PILE.
- (A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.
- (A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.
- (A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.



RODENT SHIELD DETAIL

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

WEST ABUTMENT

SHEET 4

423

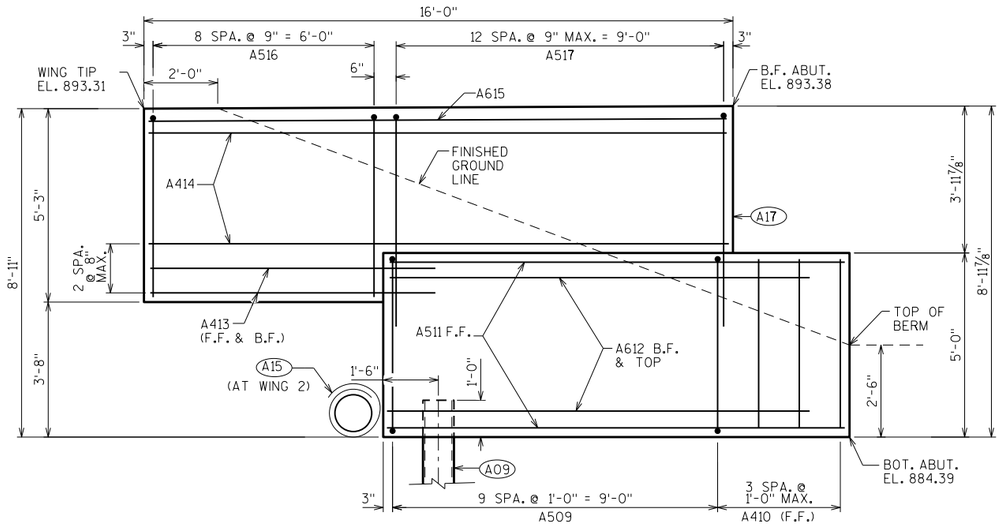
8

8

SCALE = 3.00

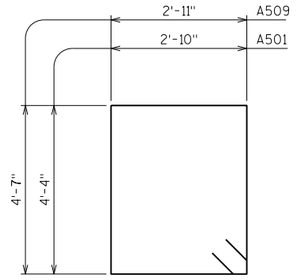
STATE PROJECT NUMBER

5145-00-71

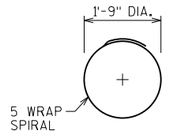


WING 1 ELEVATION

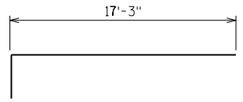
LOOKING AT FRONT FACE,
WING 2 SIMILAR



A501, A509



A403

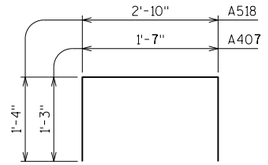


A806

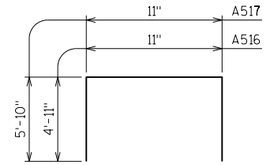
BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A501		47	15'-0"	X		BODY-STIRRUPS
A402		18	2'-3"			PILES - 2 PER BODY PILE
A403		9	28'-0"	X		PILES - 1 PER BODY PILE
A604		11	38'-2"			BODY - HORIZ. - F.F., TOP. & BOT.
A605		6	5'-10"			BODY - HORIZ. - B.F. - MIDDLE
A806		12	18'-5"	X		BODY - HORIZ. - B.F. - ENDS
A407		20	3'-11"	X		BODY - BTWN. BEAM SEATS - VERT.
A408		8	6'-9"			BODY - BTWN. BEAM SEATS - HORIZ.
A509	X	20	15'-8"	X		WINGS 1 & 2 - STIRRUPS
A410	X	6	4'-7"			WINGS 1 & 2 - VERT. - ABUT. ENDS
A511	X	12	12'-4"			WINGS 1 & 2 - HORIZ. - F.F. - LOWER WINGS
A612	X	20	11'-5"			WINGS 1 & 2 - HORIZ. - B.F. - LOWER WINGS
A413	X	8	7'-9"			WINGS 1 & 2 - HORIZ. - UPPER WINGS
A414	X	18	15'-8"			WINGS 1 & 2 - HORIZ. - UPPER WINGS
A615	X	4	15'-8"			WINGS 1 & 2 - HORIZ. - UPPER WINGS - TOP
A516	X	18	10'-6"	X		WINGS 1 & 2 - VERT. - UPPER WINGS - WING TIP
A517	X	26	12'-4"	X		WINGS 1 & 2 - VERT. - UPPER WINGS
A518		5	5'-3"	X		BODY - VERT. - TOP
A419		4	4'-6"			BODY - HORIZ. - TOP



A407, A518



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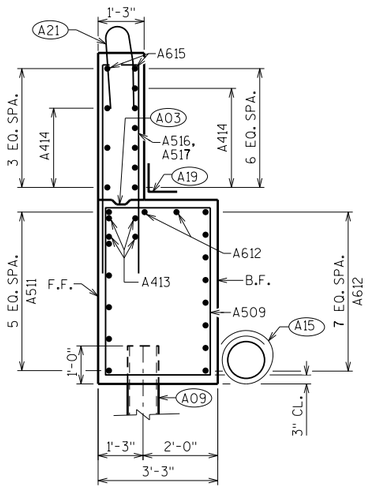
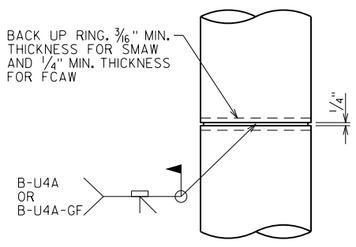
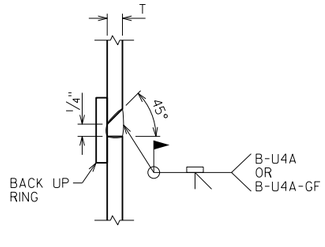


WING 1 SECTION

WING 2 SIMILAR

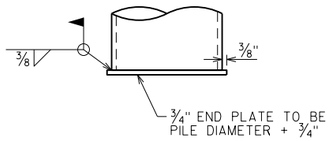


CAST-IN-PLACE 'PIPE PILE'



C.I.P. PILE WELD DETAIL

PILE DETAILS



END PLATE DETAIL

(A03) OPTIONAL CONST. JOINT: KEYWAY FORMED BY BEVELED 2 x 6. (18" RMW @ B.F. & 3/4" "V" GROOVE @ F.F. IF JOINT IS USED).

(A09) SUPPORT ABUTMENT ON 10 3/4" X 0.50-INCH CAST-IN-PLACE CONCRETE PILING. ESTIMATED 60' LONG WITH A REQUIRED DRIVING RESISTANCE OF 150 TONS PER PILE.

(A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.

(A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.

(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A21) FOR PPT. BARS & DIMENSIONS SEE PARAPET SHEET.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

WEST ABUTMENT DETAILS

SHEET 5

424

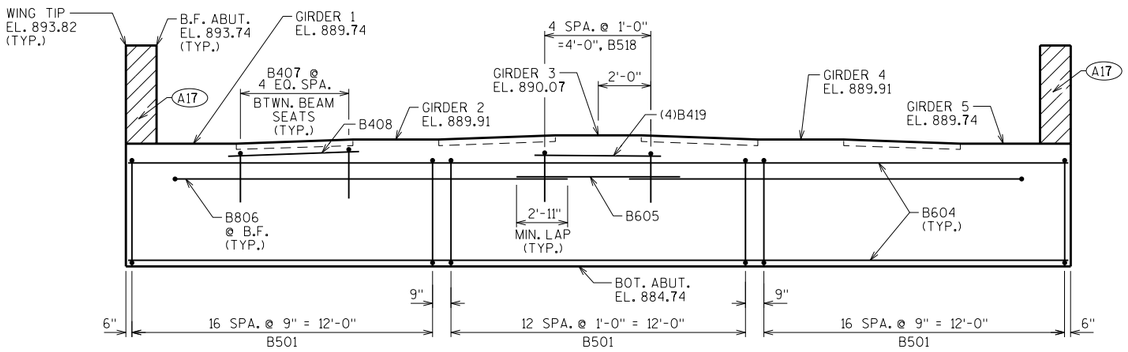
SCALE = 2.00

8

8

STATE PROJECT NUMBER

5145-00-71

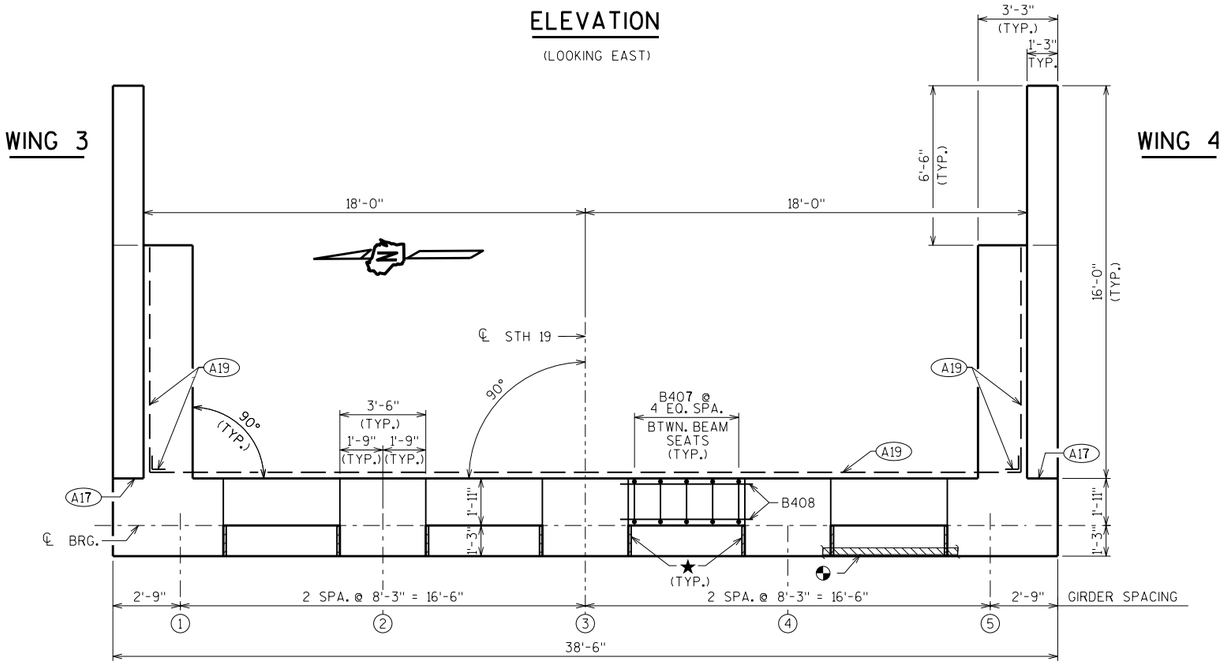


ELEVATION

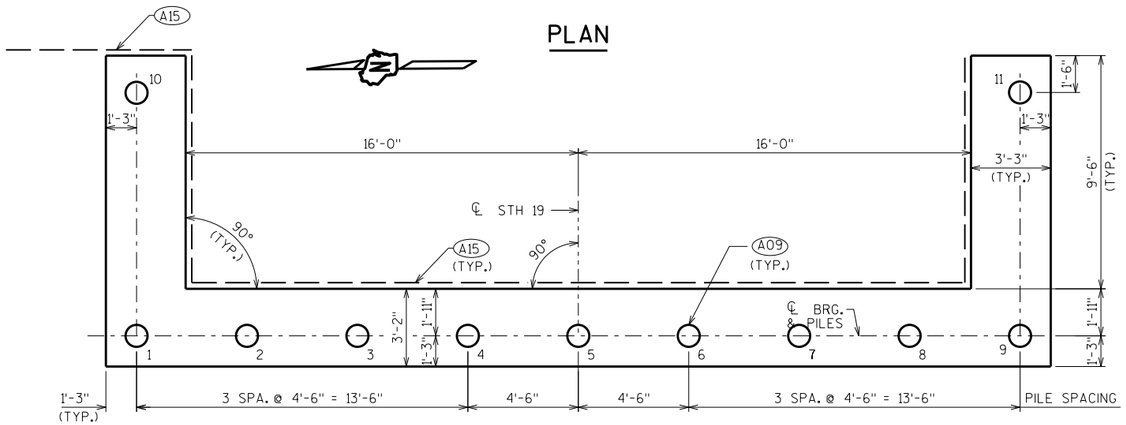
(LOOKING EAST)

WING 3

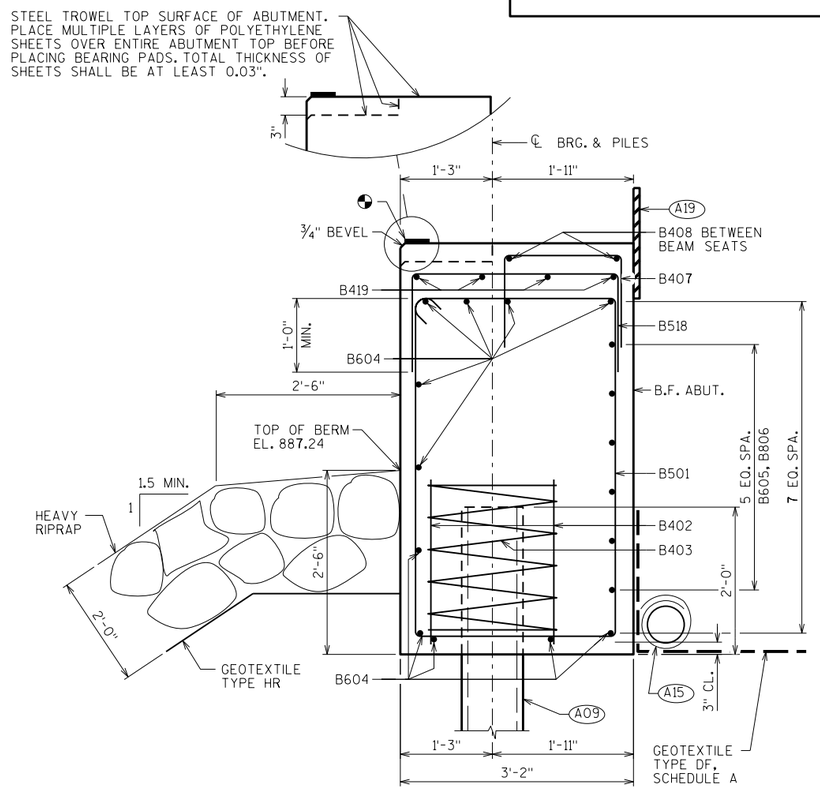
WING 4



PLAN

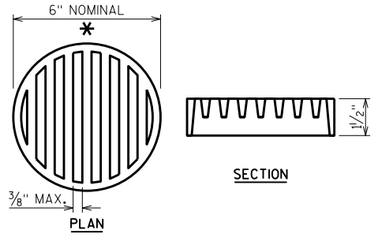


PILE PLAN



SECTION THRU BODY

- ● 4" X 1/2" PREFORMED JOINT FILLER X ABUTMENT LENGTH
- ★ 3/4" CORK FILLER ON VERTICAL BEAM SEAT FACES.
- (A09) SUPPORT ABUTMENT ON 10 3/4" X 0.50-INCH CAST-IN-PLACE CONCRETE PILING, ESTIMATED 50' LONG WITH A REQUIRED DRIVING RESISTANCE OF 150 TONS PER PILE.
- (A15) PIPE UNDERDRAIN WRAPPED (6-INCH). SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. RODENT SHIELD REQUIRED.
- (A17) 1/2" FILLER (INCLUDED IN WING LENGTH): SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF 1/2" FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD 1/8" BELOW SURFACE OF CONCRETE). EXTEND SEALER 3" BELOW GUTTER LINE AT INSIDE FACE.
- (A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.



RODENT SHIELD DETAIL

* DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

EAST ABUTMENT

SHEET 6

425

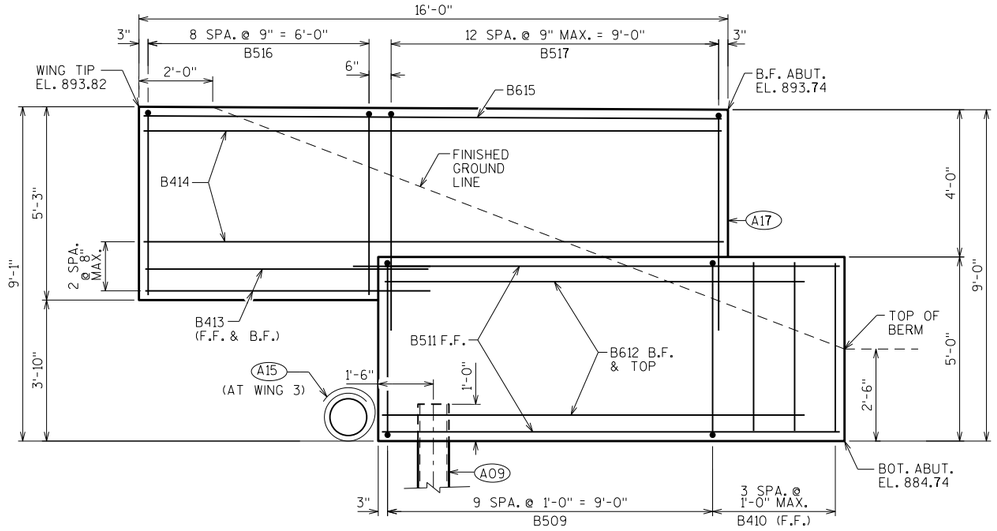
SCALE = 3.00

8

8

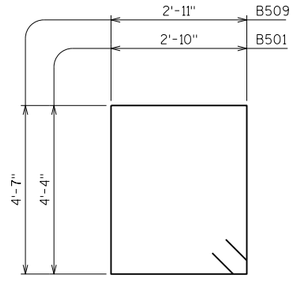
STATE PROJECT NUMBER

5145-00-71

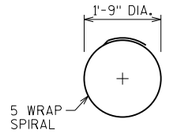


WING 3 ELEVATION

LOOKING AT FRONT FACE,
WING 4 SIMILAR



B501, B509



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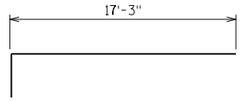
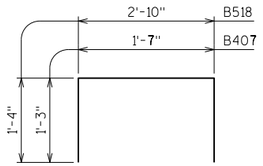


B806

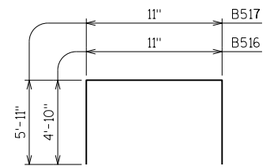
BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

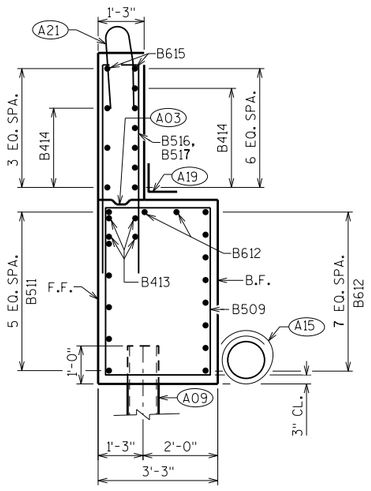
BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
B501		47	15'-0"	X		BODY-STIRRUPS
B402		18	2'-3"			PILES - 2 PER BODY PILE
B403		9	28'-0"	X		PILES - 1 PER BODY PILE
B604		11	38'-2"			BODY - HORIZ. - F.F., TOP. & BOT.
B605		6	5'-10"			BODY - HORIZ. - B.F. - MIDDLE
B806		12	18'-5"	X		BODY - HORIZ. - B.F. - ENDS
B407		20	3'-11"	X		BODY - BTWN. BEAM SEATS - VERT.
B408		8	6'-9"			BODY - BTWN. BEAM SEATS - HORIZ.
B509	X	20	15'-8"	X		WING 3 & 4 - STIRRUPS
B410	X	6	4'-7"			WINGS 3 & 4 - VERT. - ABUT. ENDS
B511	X	12	12'-4"			WING 3 & 4 - HORIZ. - F.F. - LOWER WINGS
B612	X	20	11'-5"			WING 3 & 4 - HORIZ. - B.F. - LOWER WINGS
B413	X	8	7'-9"			WING 3 & 4 - HORIZ. - UPPER WINGS
B414	X	18	15'-8"			WING 3 & 4 - HORIZ. - UPPER WINGS
B615	X	4	15'-8"			WING 3 & 4 - HORIZ. - UPPER WINGS - TOP
B516	X	18	10'-4"	X		WING 3 & 4 - VERT. - UPPER WINGS - WING TIP
B517	X	26	12'-6"	X		WING 3 & 4 - VERT. - UPPER WINGS
B518		5	5'-3"	X		BODY - VERT. - TOP
B419		4	4'-6"			BODY - HORIZ. - TOP



B407, B518

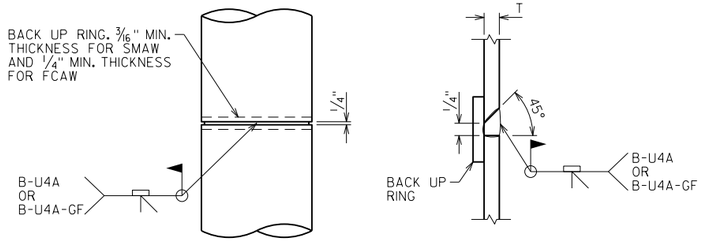


B516, B517



WING 3 SECTION

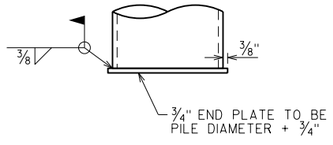
WING 4 SIMILAR



CAST-IN-PLACE 'PIPE PILE'

C.I.P. PILE WELD DETAIL

PILE DETAILS



END PLATE DETAIL

(A03) OPTIONAL CONST. JOINT: KEYWAY FORMED BY BEVELED 2 x 6. (18" RMW @ B.F. & 3/4" "V" GROOVE @ F.F. IF JOINT IS USED).

(A09) SUPPORT ABUTMENT ON 10 3/4" X 0.50-INCH CAST-IN-PLACE CONCRETE PILING, ESTIMATED 50' LONG WITH A REQUIRED DRIVING RESISTANCE OF 150 TONS PER PILE.

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(A19) 18" (RMW) RUBBERIZED MEMBRANE WATERPROOFING SEAL ALL HORIZ. & VERT. JOINTS AT BACKFACE.

(A21) FOR PPT. BARS & DIMENSIONS SEE PARAPET SHEET.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

EAST ABUTMENT DETAILS

SHEET 7

426

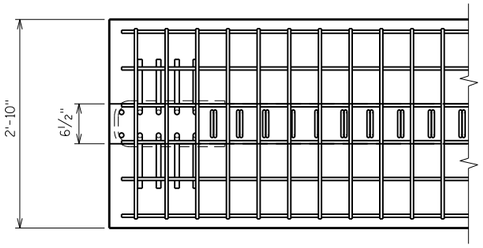
SCALE = 2.00

8

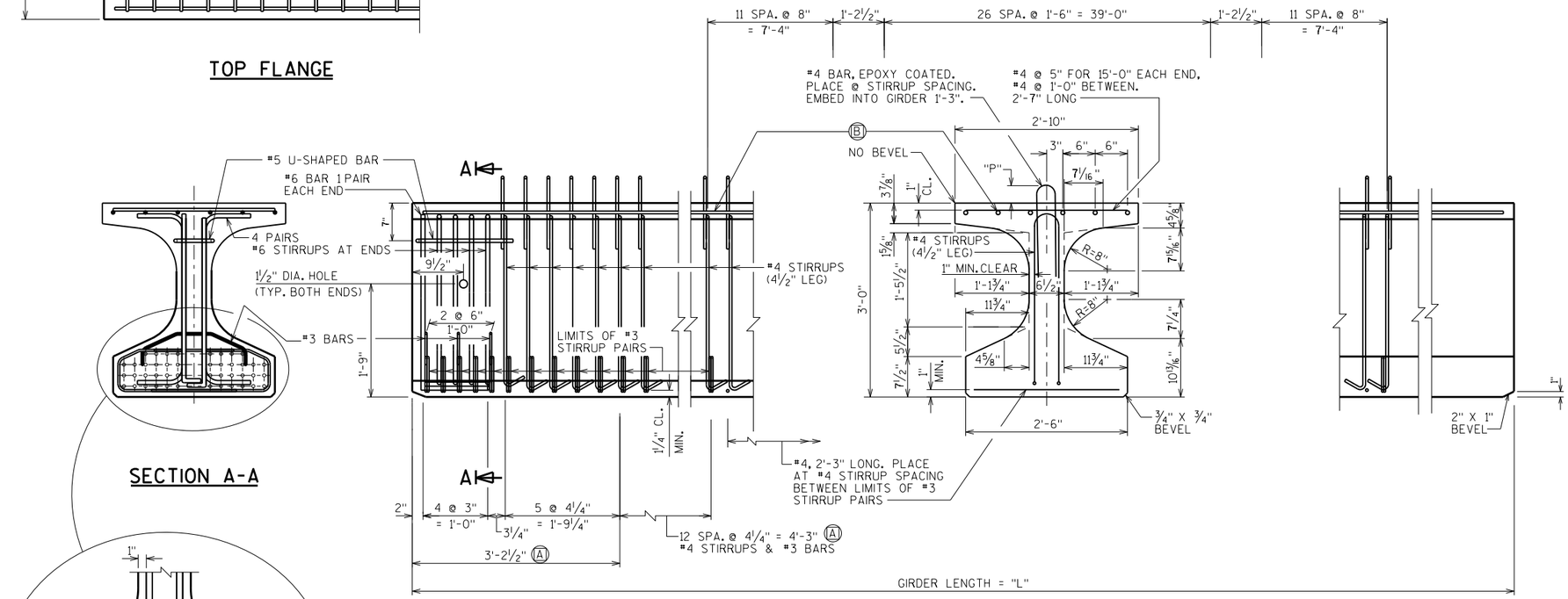
8

STATE PROJECT NUMBER

5145-00-71



TOP FLANGE

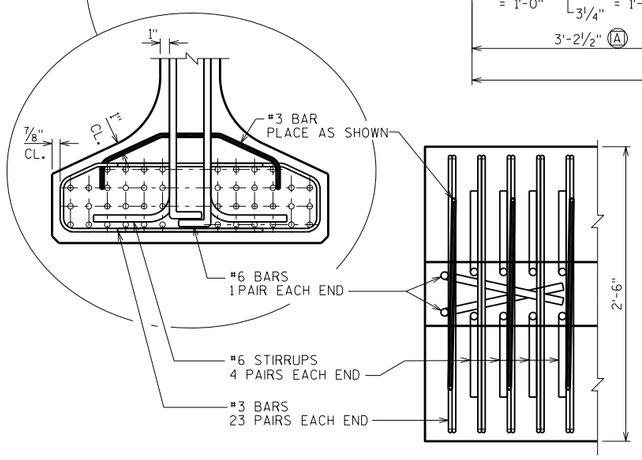


SECTION A-A

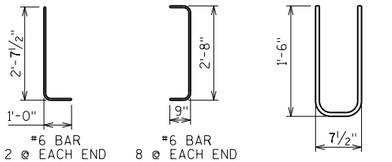
SIDE VIEW & TYPICAL SECTION IN SPAN

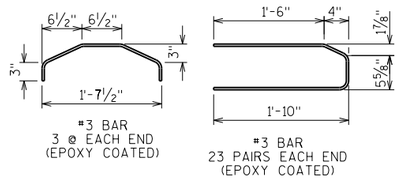
Ⓐ DETAIL (TYP.) AT EACH END

Ⓑ 6 #4 BARS, FULL LENGTH, MIN. LAP = 1'-11"



BOTTOM FLANGE





NOTES

TOP OF GIRDER TO BE ROUGH FLOATED AND BROOMED TRANSVERSELY, EXCEPT THE OUTSIDE 8" OF GIRDER, WHICH SHALL RECEIVE A SMOOTH FINISH. AN APPROVED CONCRETE SEALER SHALL BE APPLIED TO ALL SMOOTH SURFACES INCLUDING THE OUTSIDE 8" OF THE TOP FLANGE.

DO NOT APPLY CONCRETE SEALER OR EPOXY TO SURFACES RECEIVING APPLICATION OF CONCRETE STAINING.

THE GIRDERS SHALL BE PROVIDED WITH A SUITABLE LIFTING DEVICE FOR HANDLING AND ERECTING THE GIRDERS. SEE SECT. 503.3.4 OF STANDARD SPECIFICATIONS FOR GUIDANCE.

STRANDS SHALL BE FLUSH WITH END OF GIRDER. FOR GIRDER ENDS EMBEDDED COMPLETELY IN CONCRETE, END OF STRANDS SHALL BE COATED WITH NON-BITUMINOUS JOINT SEALER. FOR GIRDER ENDS THAT ARE FINALLY EXPOSED, COAT THE GIRDER ENDS, EXPOSED STRAND ENDS AND ALL NON-BONDING SURFACES WITHIN 2 FEET OF THE GIRDER ENDS WITH A NON-PIGMENTED EPOXY CONFORMING TO AASHTO M-235 TYPE III, GRADE 2, CLASS B OR C. THE EPOXY SHALL BE APPLIED AT LEAST 3 DAYS AFTER MOIST CURING HAS CEASED AND PRIOR TO THE APPLICATION OF THE SEALER.

ALL GIRDERS SHALL BE CAST FULL LENGTH AS SHOWN.

SPACING SHOWN FOR #4 STIRRUPS IS FOR GRADE 60 REINFORCEMENT.

AN EQUIVALENT OF WELDED WIRE FABRIC (WWF) ASTM A1064 MAY BE SUBSTITUTED FOR THE STIRRUP REINFORCEMENT SHOWN, UPON ACCEPTANCE OF THE STRUCTURES MAINTENANCE SECTION. IF USED, WWF SUBSTITUTION DETAILS SHALL BE SUBMITTED ELECTRONICALLY TO THE WISDOT FABRICATION LIBRARY AND ACCEPTED PRIOR TO SHOP DRAWING SUBMITTAL.

PRESTRESSING STRANDS SHALL BE (0.6" DIA.)-7 WIRE LOW-RELAXATION STRANDS WITH AN ULTIMATE STRENGTH OF 270,000 PSI.

FOR DIAPHRAGM INSERT & CONNECTION DETAILS SEE "STEEL DIAPHRAGM" SHEET.

✳ MINIMUM CYLINDER STRENGTH OF CONCRETE @ TIME OF TRANSFER OF PRESTRESS FORCE.

GIRDER DATA

SPAN	GIRDER	GIRDER LENGTH "L" (FEET)	DEAD LOAD DEFL. (IN.)									CONC. STRGTH. f'c (P.S.I.)	"P" (IN.)			DIA. OF STRAND (IN.)	DRAPED PATTERN					
			1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10		1ST 1/3 OF GIRDER	MID 1/3 OF GIRDER	END 1/3 OF GIRDER		TOTAL NO. OF STRANDS	f'ci (P.S.I.) ✳	(IN.) "A"	"B" MIN.	"B" MAX.	"C"
1	1-5	71.0	0.3	0.5	0.7	0.9	0.9	0.9	0.7	0.5	0.3	8,000	7	7	7	0.6	22	6,400	32	11	14	4

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

36W" PRESTRESSED GIRDER DETAILS 1

SHEET 8

427

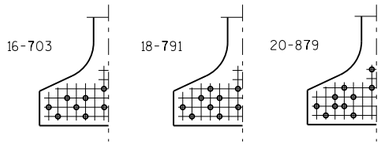
SCALE = 1.00

8

8

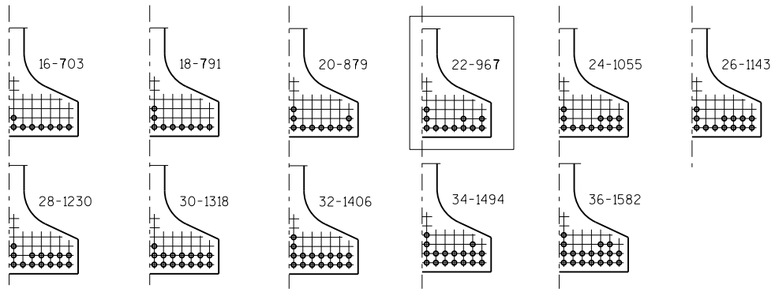
STATE PROJECT NUMBER

5145-00-71



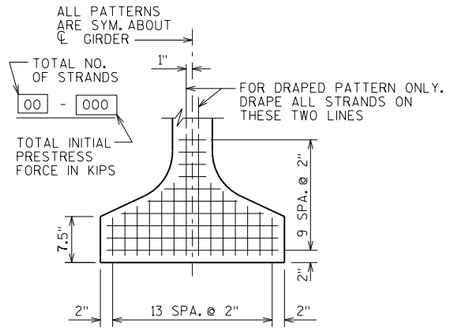
STANDARD ARRANGEMENTS TO RAISE CENTER OF GRAVITY TO AVOID DRAPING OF STRANDS

0.6" DIA. STRANDS

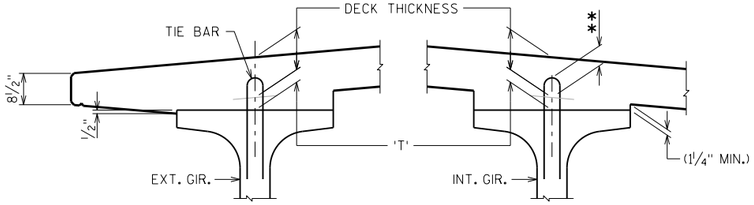


ARRANGEMENT AT ℄ SPAN - FOR GIRDERS WITH DRAPED STRANDS

0.6" DIA. STRANDS



(TYP.) STRAND PATTERN



DECK HAUNCH DETAIL

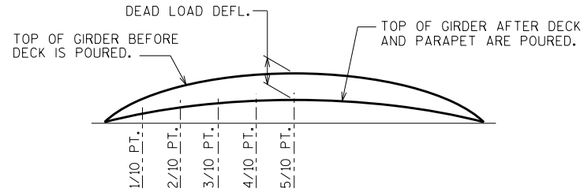
IF 1¼" MINIMUM HAUNCH HEIGHT AT EDGE OF GIRDER CANNOT BE MAINTAINED, THE GRADE LINE MAY BE REVISED BY THE ENGINEER AT THE OPTION OF THE CONTRACTOR, THE PLAN DECK THICKNESS SHALL BE HELD. NOTIFY THE STRUCTURES SECTION IF THE GRADE LINE IS RAISED FROM THE PLAN PROFILE BY MORE THAN ½" OR,

** IF 3" MINIMUM DECK EMBEDMENT OF TIE BAR CANNOT BE OBTAINED.

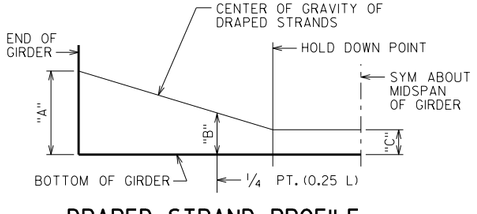
TO DETERMINE 'T', ELEV. OF TOP OF GIR'S. AT ℄ OF SUBSTRUCTURE UNITS & AT 1/10 POINTS OF EACH SPAN SHALL BE TAKEN. THEN FOLLOW THIS PROCESS:

TOP OF DECK ELEV. AT FINAL GRADE
- TOP OF GIRDER ELEVATION
+ DEAD LOAD DEFLECTION
- DECK THICKNESS
= HAUNCH HEIGHT 'T'

NOTE: AN AVERAGE HAUNCH ('T') OF 2.8" WAS USED IN THE QUANTITY "CONCRETE MASONRY BRIDGES".



DEAD LOAD DEFLECTION DIAGRAM



DRAPED STRAND PROFILE

*THE THEORETICAL INITIAL CAMBER VALUE AT THE TIME OF STRAND RELEASE AT MIDSPAN MULTIPLIED BY A FACTOR OF 1.4 TO ACCOUNT FOR CAMBER GROWTH FROM THE TIME OF STRAND RELEASE TO JOBSITE PLACEMENT.

SPAN	CAMBER (IN.)*
1	1.88

THESE VALUES ARE NOT TO BE USED IN DETERMINING 'T', USE ACTUAL GIRDER SHOTS.

THESE VALUES ARE FOR INFORMATIONAL PURPOSES ONLY.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

36W" PRESTRESSED GIRDER DETAILS 2

SHEET 9

428

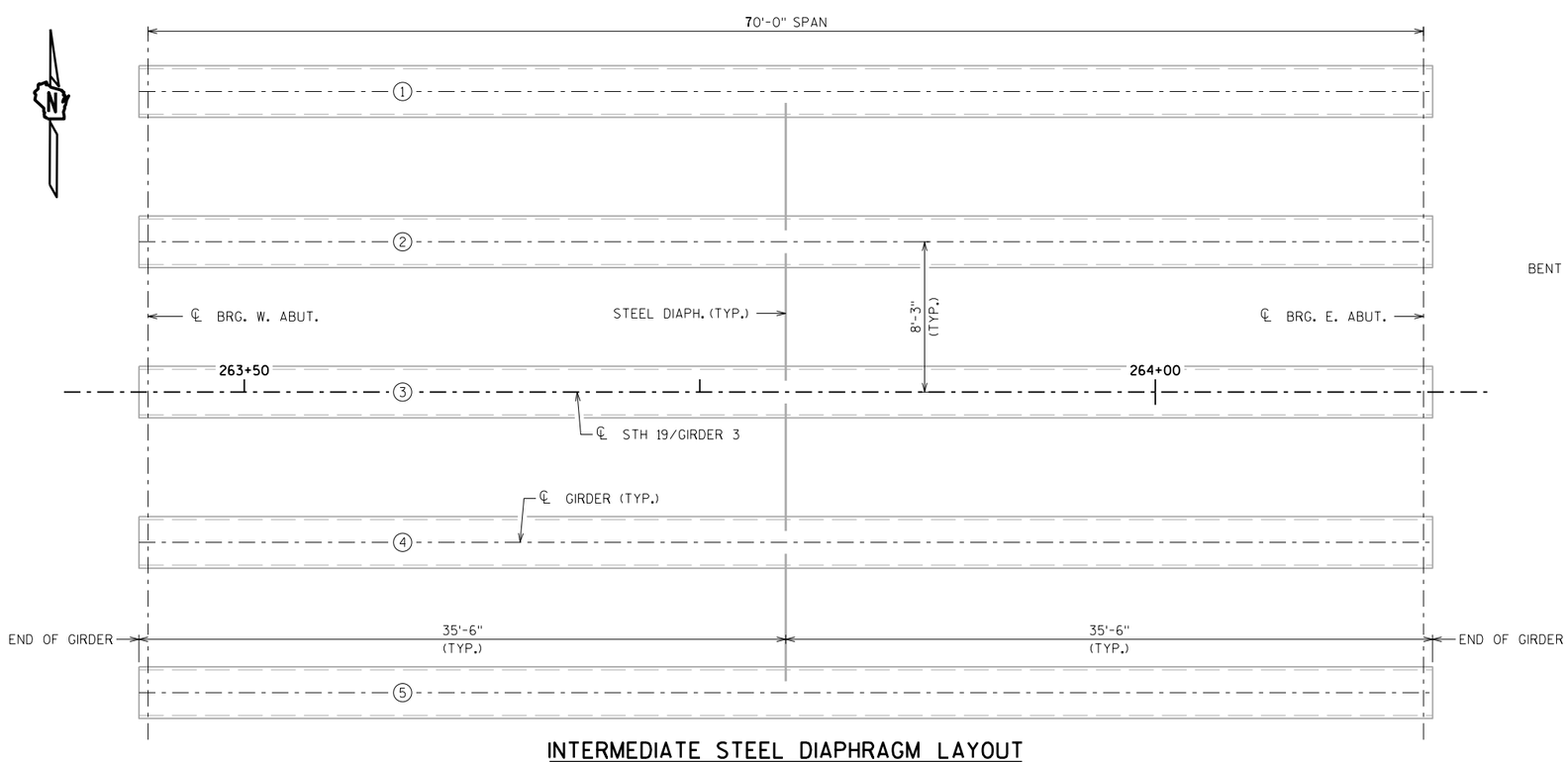
SCALE = 1.00

8

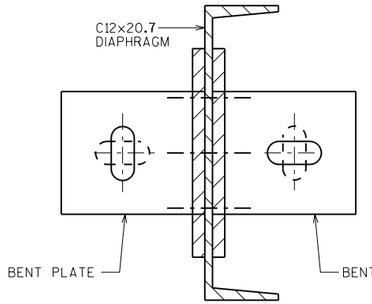
8

STATE PROJECT NUMBER

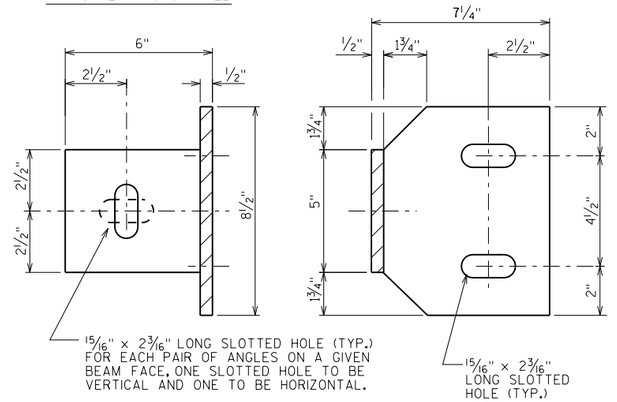
5145-00-71



INTERMEDIATE STEEL DIAPHRAGM LAYOUT

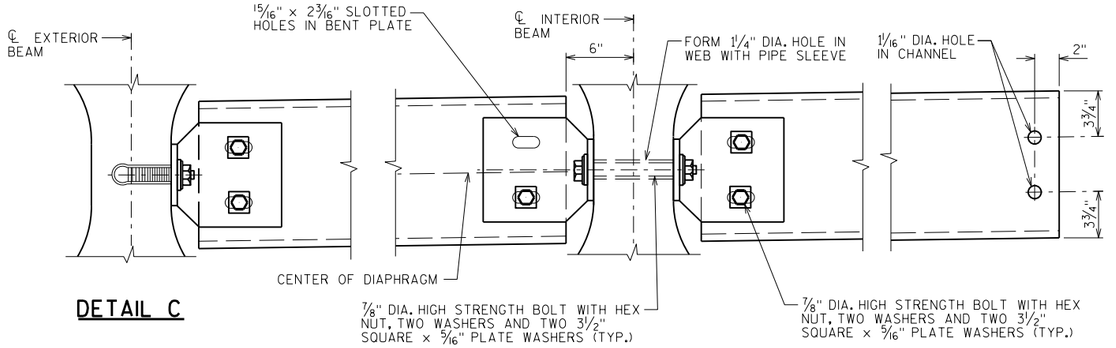


ATTACHMENT TO CHANNEL



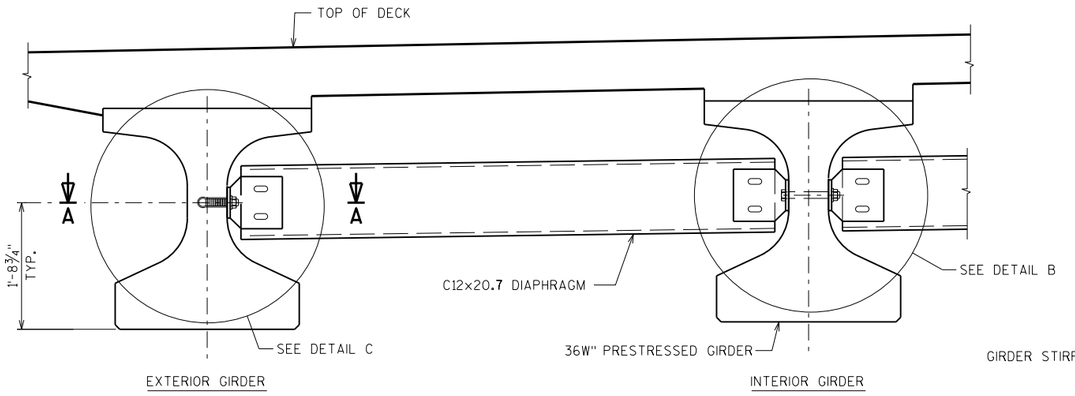
BEAM FACE

DIAPHRAGM FACE

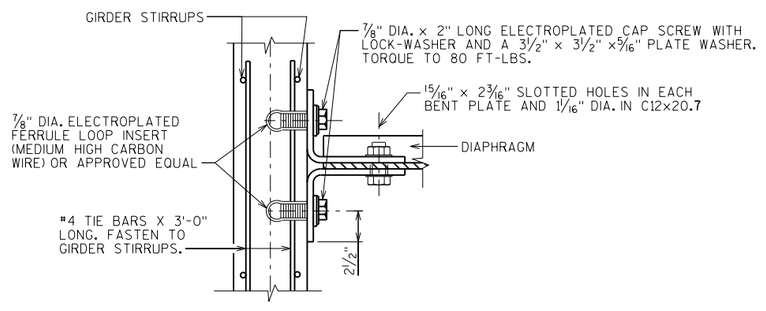


DETAIL C

DETAIL B



PART TRANSVERSE SECTION AT DIAPHRAGM



SECTION A-A

(FOR EXTERIOR ATTACHMENT)

NOTES

ALL DIAPHRAGM MATERIAL NOT EMBEDDED IN THE CONCRETE GIRDER SHALL BE PAID FOR AT THE UNIT PRICE BID FOR "STEEL DIAPHRAGMS B-13-797", EACH.

EACH DIAPHRAGM BETWEEN GIRDERS SHALL CONSTITUTE ONE UNIT.

ALL DIAPHRAGM STRUCTURAL STEEL SHALL BE ASTM A709 GRADE 36.

ALL DIAPHRAGM MATERIAL INCLUDING BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED AFTER FABRICATION.

STEEL DIAPHRAGM TO CONCRETE WEB CONNECTION SHALL BE SNUG-TIGHT PLUS ¼ TURN, UNLESS NOTED OTHERWISE. HIGH STRENGTH BOLTS FOR WEB CONNECTION SHALL MEET THE REQUIREMENTS FOR ASTM A325 OR ASTM A449.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

STEEL DIAPHRAGM

SHEET 10

429

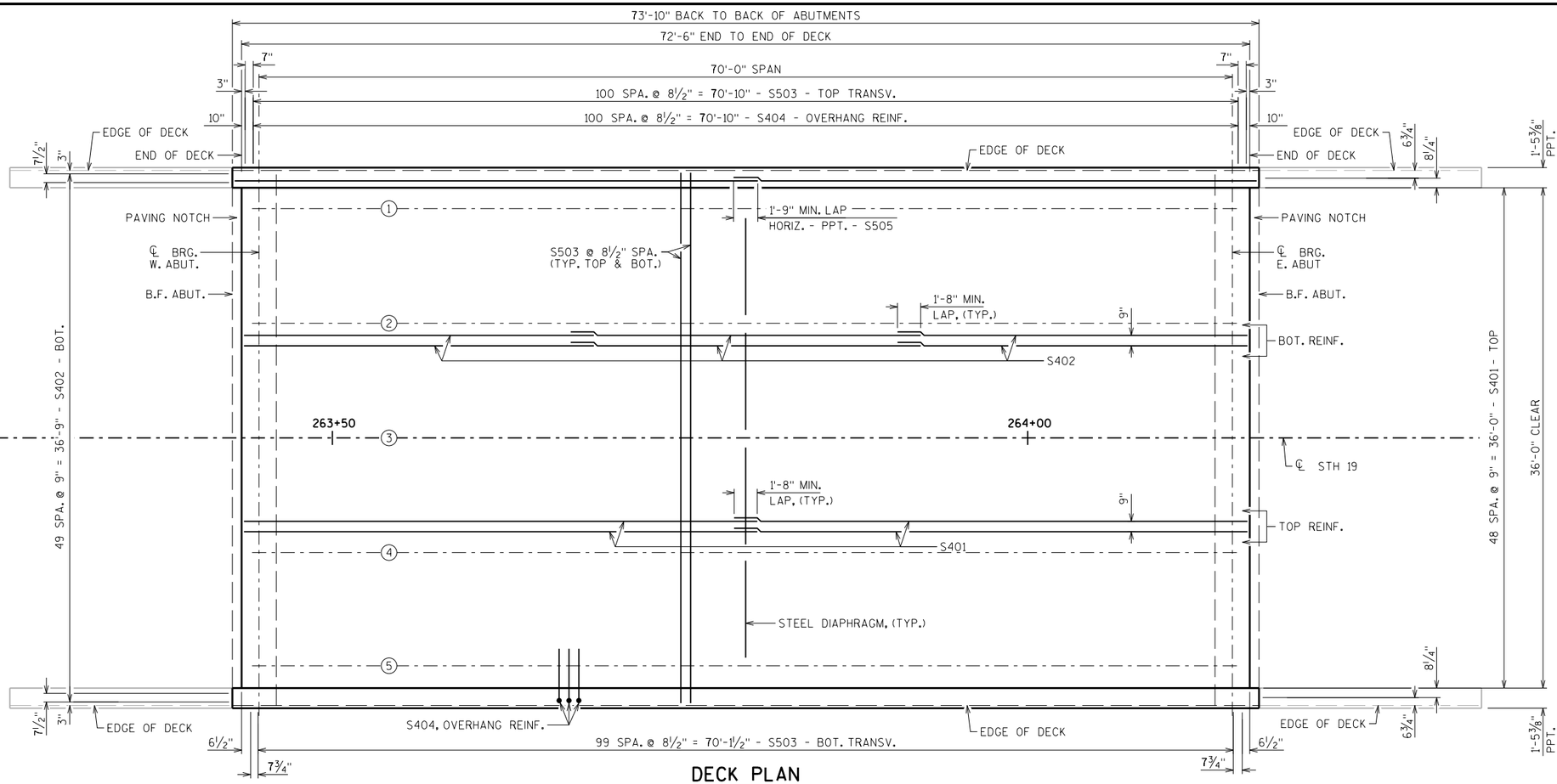
8

8

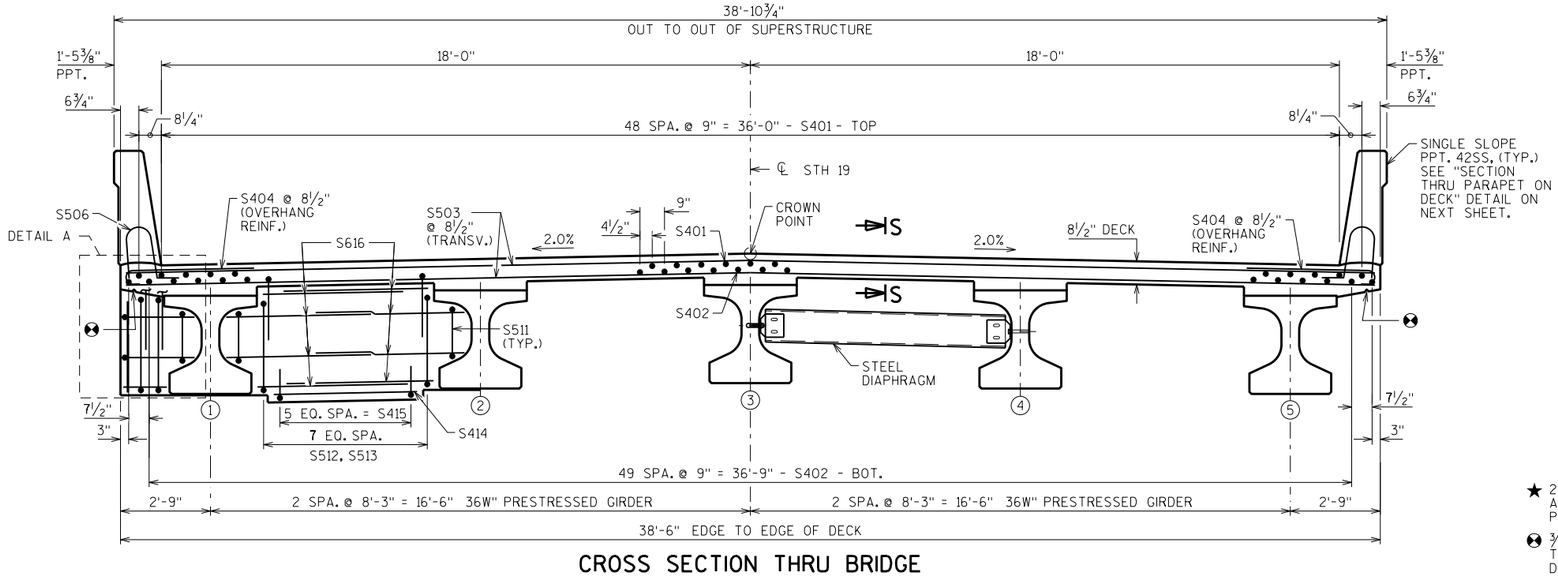
SCALE = 1.00

STATE PROJECT NUMBER

5145-00-71

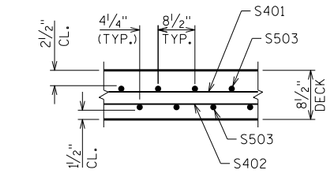


DECK PLAN

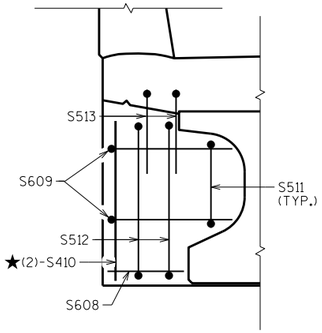


CROSS SECTION THRU BRIDGE

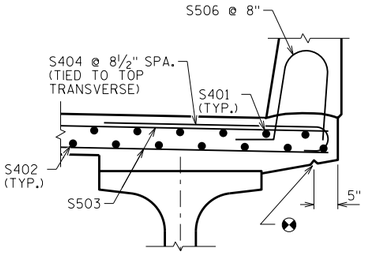
(LOOKING EAST UPSTATION)



SECTION S-S



DETAIL A



TYPICAL OVERHANG SECTION

★ 2 BARS EQUALLY SPACED AT EACH DIAPH. END FACE, PLACE INSIDE HORIZ. -BARS

⊖ ¾" V-GROOVE REQ'D. EXTEND TO 6" FROM F.F. OF ABUT. DIAPH.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

SUPERSTRUCTURE DETAILS 1

SHEET 11

430

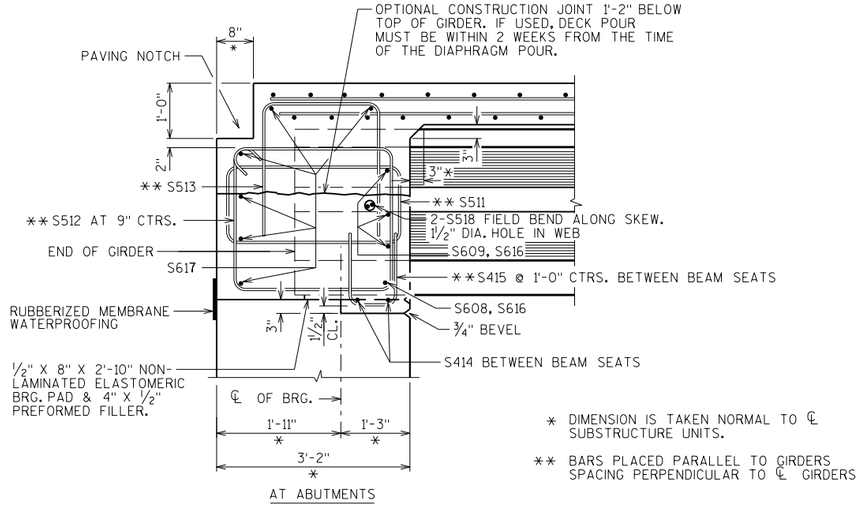
SCALE = 4.50

8

8

STATE PROJECT NUMBER

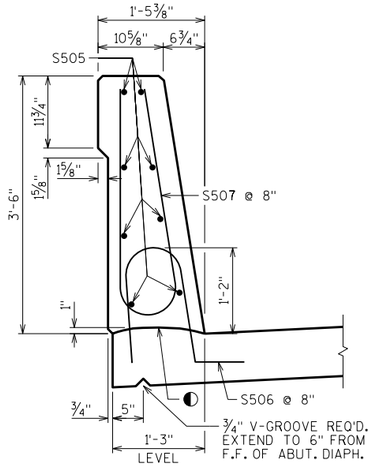
5145-00-71



PART LONGIT. SECTION

* DIMENSION IS TAKEN NORMAL TO ℄ SUBSTRUCTURE UNITS.

** BARS PLACED PARALLEL TO GIRDERS SPACING PERPENDICULAR TO ℄ GIRDERS



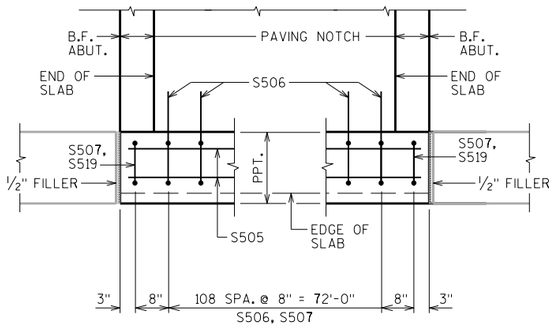
SECTION THRU PARAPET ON DECK

◐ CONST. JOINT - STRIKE OFF AS SHOWN

BILL OF BARS

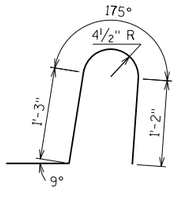
NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
S401	X	102	36'-11"			DECK-LONGIT.-TOP
S402	X	156	25'-2"			DECK-LONGIT.-BOT.
S503	X	205	38'-2"			DECK-TRANS.-TOP & BOT.
S404	X	202	4'-1"	X		DECK-TRANS. EDGE OF DECK
S505	X	32	37'-8"			PARAPET-HORIZ.
S506	X	218	4'-5"	X		DECK/PARAPET-VERT.
S507	X	222	6'-8"	X		PARAPET-VERT.
S608	X	4	1'-2"			ABUT. DIAPH.-HORIZ.-END
S609	X	8	6'-5"	X		ABUT. DIAPH.-HORIZ.-END
S410	X	8	2'-8"			ABUT. DIAPH.-VERT.-ENDS
S511	X	20	9'-2"	X		ABUT. DIAPH.-VERT. STIRRUP
S512	X	72	11'-8"	X		ABUT. DIAPH.-VERT. STIRRUP
S513	X	72	6'-5"	X		ABUT. DIAPH. VERT. U-BAR
S414	X	16	4'-5"			ABUT. DIAPH.-HORIZ. BOT.-BTWN. BEAM SEAT
S415	X	48	3'-3"	X		ABUT. DIAPH.-VERT. BOT.-BTWN. BEAM SEAT
S616	X	64	4'-7"			ABUT. DAIPH.-HORIZ.-F.F.
S617	X	12	38'-2"			ABUT. DIAPH.-HORIZ.-BF. & TOP
S518	X	20	6'-0"			ABUT. DIAPH.-HORIZ. THRU GIR.
S519	X	4	5'-10"	X		DECK/PARAPET-VERT.-PAVING-NOTCH

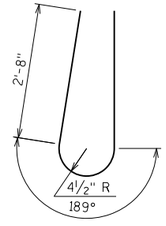


PARTIAL PLAN DETAIL OF PARAPET REINF.

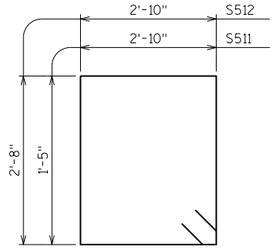
(SHOWING SOUTH CORNERS OF WEST & EAST ABUTMENTS. DETAIL TYP. OF BOTH EDGES OF SUPERSTRUCTURE)



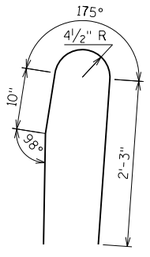
S506



S507



S511, S512



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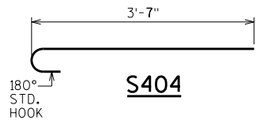
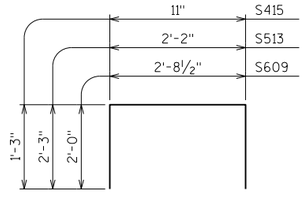
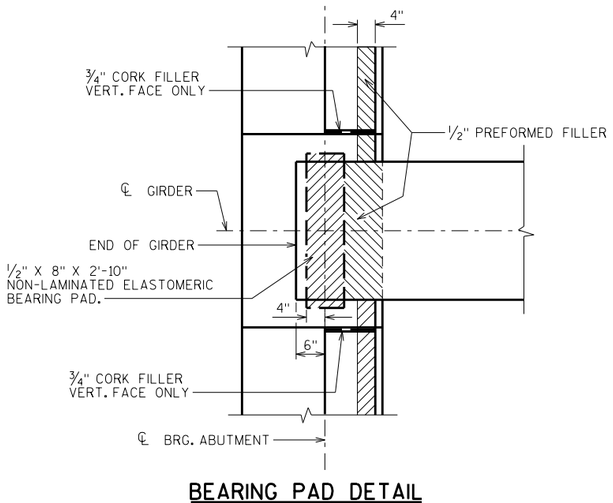


S404



S609, S513, S415



BEARING PAD DETAIL

TOP OF DECK ELEVATIONS

	W. ABUT.	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	E. ABUT.	
NORTH DECK EDGE	893.38	893.42	893.45	893.49	893.52	893.56	893.59	893.63	893.66	893.70	893.73	NORTH DECK EDGE
GIRDER 1	893.41	893.45	893.48	893.52	893.55	893.59	893.62	893.66	893.69	893.73	893.76	GIRDER 1
GIRDER 2	893.58	893.61	893.65	893.68	893.72	893.75	893.79	893.82	893.86	893.89	893.93	GIRDER 2
℄ STH 19/GIRDER 3	893.74	893.78	893.81	893.85	893.88	893.92	893.95	893.99	894.02	894.06	894.09	℄ STH 19/GIRDER 3
GIRDER 4	893.58	893.61	893.65	893.68	893.72	893.75	893.79	893.82	893.86	893.89	893.93	GIRDER 4
GIRDER 5	893.41	893.45	893.48	893.52	893.55	893.59	893.62	893.66	893.69	893.73	893.76	GIRDER 5
SOUTH DECK EDGE	893.38	893.42	893.45	893.49	893.52	893.56	893.59	893.63	893.66	893.70	893.73	SOUTH DECK EDGE

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

SUPERSTRUCTURE DETAILS 2

SHEET 12

431

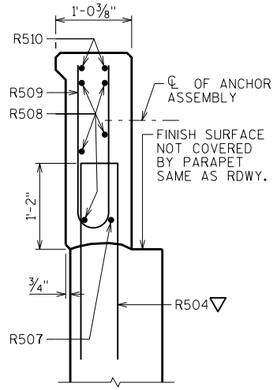
SCALE = 1.33

8

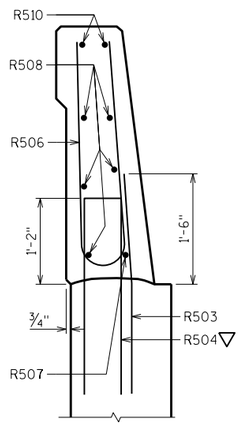
8

STATE PROJECT NUMBER

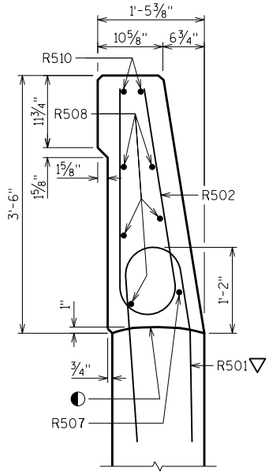
5145-00-71



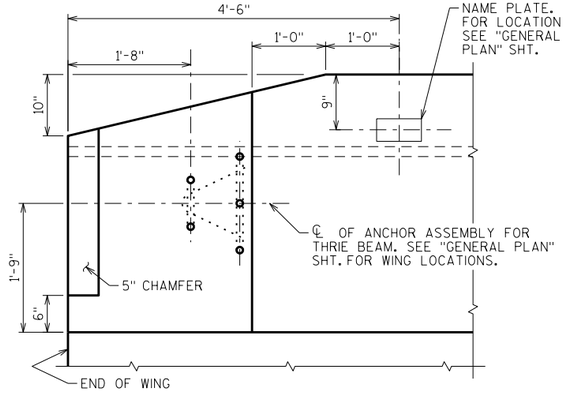
SECTION A-A



SECTION B-B



SECTION C-C



PARAPET END TREATMENT DETAIL

LOOKING AT INSIDE FACE OF PARAPET

BILL OF BARS

FOR ABUTMENT PARAPETS

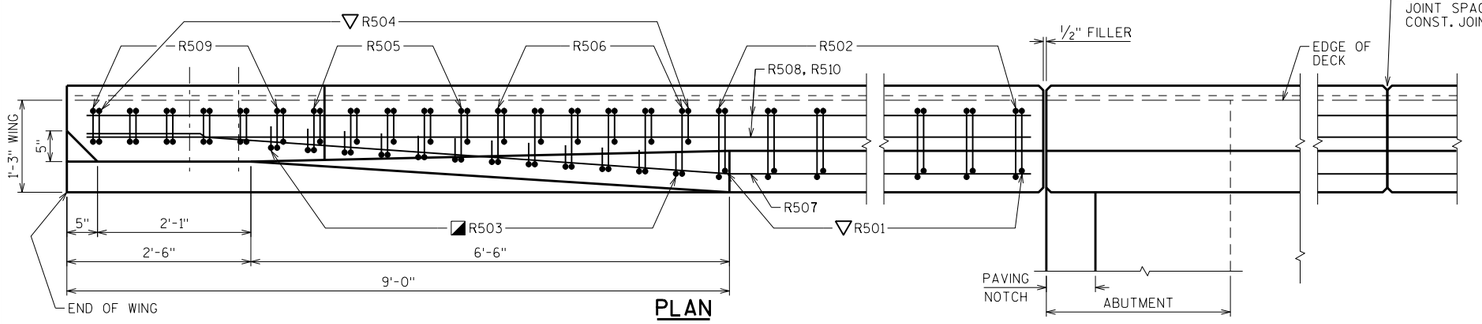
BAR MARK	COAT	WEST ABUT.	EAST ABUT.	LENGTH	BENT	BAR SERIES	LOCATION
R501	X	22	22	5'-10"	X		PARAPET VERT.
R502	X	22	22	6'-8"	X		PARAPET VERT.
R503	X	24	24	3'-0"	X		PARAPET VERT.
R504	X	34	34	5'-7"	X		PARAPET VERT.
R505	X	10	10	6'-5"	X		PARAPET VERT.
R506	X	12	12	6'-6"	X		PARAPET VERT.
R507	X	2	2	15'-7"	X		PARAPET HORIZ.
R508	X	10	10	15'-7"			PARAPET HORIZ.
R509	X	12	12	5'-5"	X	⚠	PARAPET VERT.
R510	X	4	4	15'-7"	X		PARAPET HORIZ.

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE

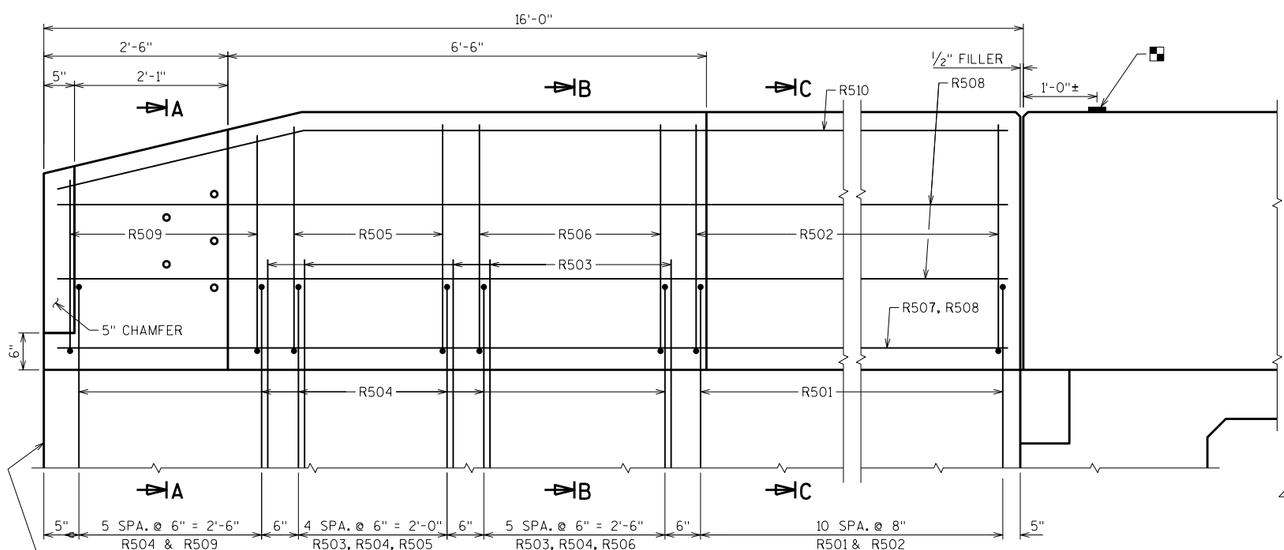
BAR MARK	NO. REQ'D	LENGTH
R509	4 SERIES OF 6	4'-9" TO 6'-1"

BUNDLE AND TAG EACH SERIES SEPARATELY.



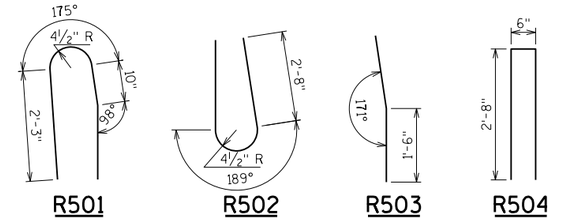
PLAN

NW CORNER SHOWN, OTHERS SIMILAR

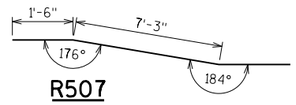


INSIDE ELEVATION

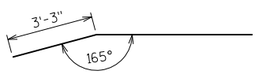
NW CORNER SHOWN, OTHERS SIMILAR



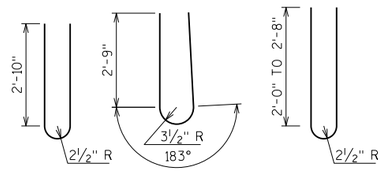
R501 R502 R503 R504



R507



R510



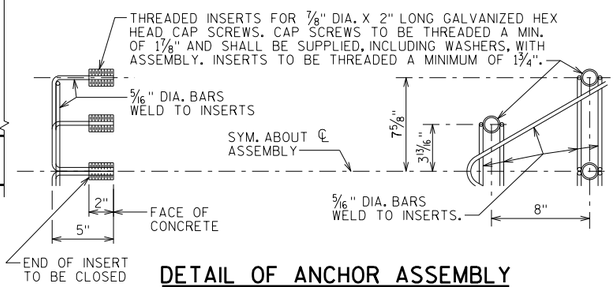
R505 R506 R509

BENCH MARK CAP (WHEN SUPPLIED). AVOID PLACING A BENCH MARK CAP BELOW A RAIL OR FENCE SYSTEM THAT IS ATTACHED TO THE TOP OF THE PARAPET.

◐ CONST. JOINT - STRIKE OFF AS SHOWN

◪ R503 BARS MAY BE PLACED AFTER CONCRETE IS POURED BUT BEFORE INITIAL SET HAS TAKEN PLACE. USE CARE TO PLACE R503 BARS CORRECTLY ALONG TRANSITION OF PARAPET.

▽ R501 AND R504 BARS TO BE TIED TO WING STEEL BEFORE WING IS POURED.



DETAIL OF ANCHOR ASSEMBLY

NOTE: HEX HEAD CAP SCREWS & WASHERS TO BE GALVANIZED IN ACCORDANCE WITH AASHTO M232 CLASS C.

ASSEMBLY SHALL BE BID ITEM "ANCHOR ASSEMBLIES FOR STEEL PLATE BEAM GUARD", EACH.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN SECTION

STRUCTURE B-13-797

DRAWN BY MJH | PLANS CK'D. RRH

SINGLE SLOPE PARAPET 42SS

SHEET 13

432

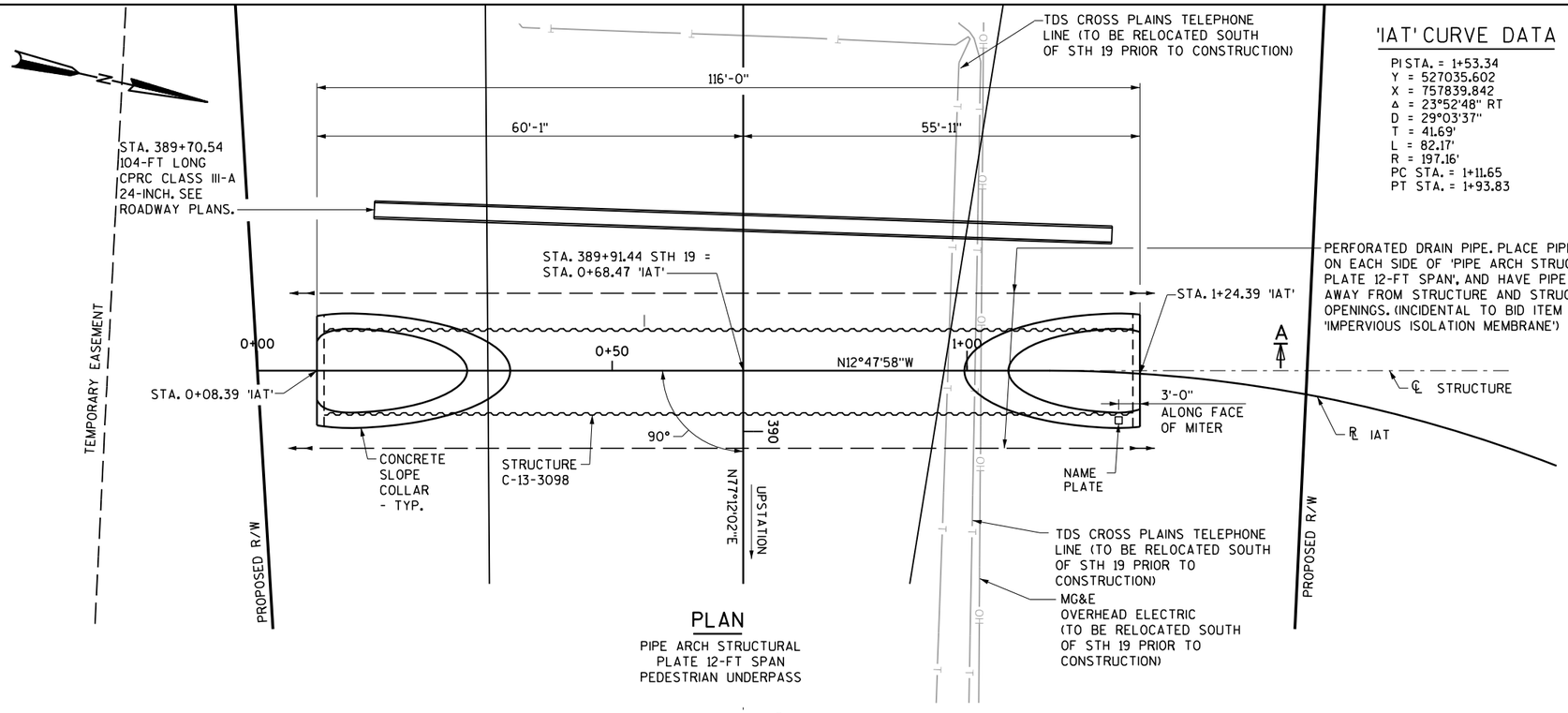
8

8

SCALE = 1.00

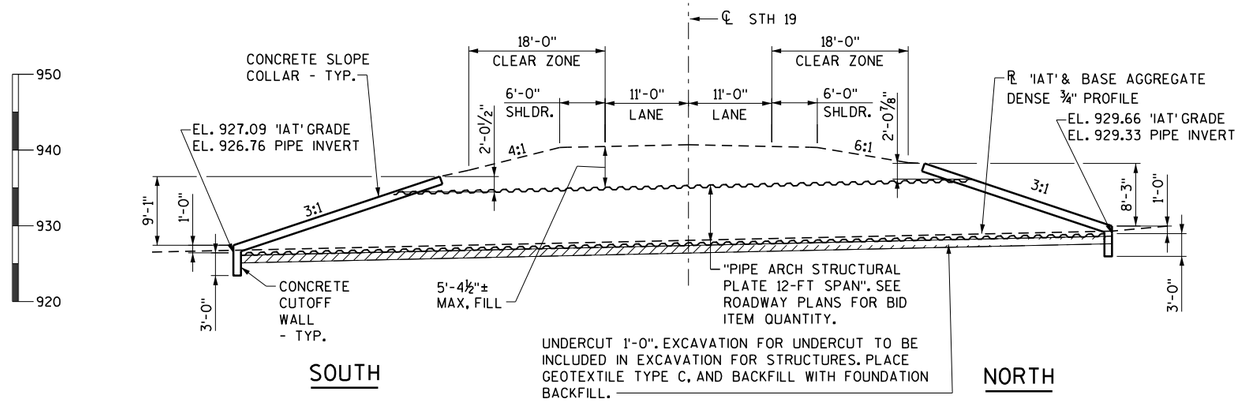
STATE PROJECT NUMBER

5145-00-71



PLAN

PIPE ARCH STRUCTURAL
PLATE 12-FT SPAN
PEDESTRIAN UNDERPASS



SOUTH NORTH

SECTION A-A

DIMENSIONS ARE NORMAL TO ℄ STH 19

'IAT' CURVE DATA

PI STA. = 1+53.34
Y = 527035.602
X = 757839.842
Δ = 23°52'48" RT
D = 29°03'37"
T = 41.69'
L = 82.17'
R = 197.16'
PC STA. = 1+11.65
PT STA. = 1+93.83

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST DIGIT OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

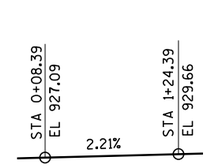
THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES CULVERTS C-13-3098" SHALL BE THE EXISTING GROUNDLINE.

ALL VOLUME WHICH CANNOT BE PLACED BEFORE CULVERT CONSTRUCTION AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH 'BACKFILL SPECIAL' TO 1'-0" ABOVE THE PIPE ARCH WITHIN THE LENGTH OF THE CULVERT.

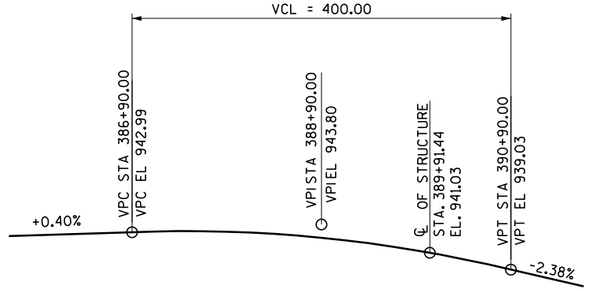
THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. 'BACKFILL SPECIAL' REQUIRED FOR 3 FEET BEYOND THE HORIZONTAL PLAN LIMITS AT THE BOTTOM OF THE PIPE ARCH, AND UP AT A 1:1.5 BACKFILL SLOPE FROM THE BOTTOM OF THE PIPE ARCH TO TOP OF THE PIPE ARCH COLLAR. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

CONTRACTOR MAY ELECT TO SUBSTITUTE #1 OR #2 CONCRETE COARSE AGGREGATE, SELECT CRUSHED MATERIAL OR OTHER GRANULAR MATERIAL AS APPROVED BY THE FIELD ENGINEER, IN LIEU OF THE FOUNDATION BACKFILL PER STANDARD SPECIFICATIONS, TO BE UTILIZED AS A CONSTRUCTION PLATFORM FOR THE PIPE ARCH. THE CONTRACTOR IS RESPONSIBLE FOR BASE STABILITY WITH ANY SUBSTITUTED MATERIAL.

ANY COMBINATION OF SECTION LENGTHS IS ALLOWED TO ACHIEVE THE TOTAL PLAN LENGTH, PROVIDED NO PIPE SEAMS ARE UNDER TRAFFIC OF STH 19. NO ADDITIONAL COMPENSATION WILL BE MADE FOR CUTTING PIPES TO SIZE TO CONSTRUCT AS SHOWN.



PROFILE GRADE LINE
ICE AGE TRAIL 'IAT'



PROFILE GRADE LINE - STH 19

DESIGN DATA

LIVE LOAD:
DESIGN LOAD: HL-93
INVENTORY RATING FACTOR = 1.0
OPERATING RATING FACTOR = 1.67
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 190 KIPS

EARTH LOAD:
DESIGNED FOR 3.0 TO 6.0 FEET OF FILL.

MATERIAL PROPERTIES:
CONCRETE MASONRY:.....f'c = 3,500 PSI
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 PSI

FOUNDATION DATA:
STRUCTURE TO BE SUPPORTED ON FOUNDATION BACKFILL WITH A REQUIRED FACTORED BEARING RESISTANCE OF 2,000 PSF*.

A GEOTECHNICAL ENGINEER, WITH 3 DAYS NOTICE, WILL DETERMINE THE FACTORED BEARING RESISTANCE BY VISUAL INSPECTION PRIOR TO CONSTRUCTION OF THE STRUCTURE.

* THE FACTORED BEARING RESISTANCE IS THE VALUE USED FOR DESIGN.

LIST OF DRAWINGS

1. GENERAL PLAN
2. CROSS SECTION AND QUANTITIES
3. SOUTH COLLAR DETAILS
4. NORTH COLLAR DETAILS
5. STAMPING CONCRETE & STAINING
6. SUBSURFACE EXPLORATION

TRAFFIC DATA

STH 19
A.D.T. = 2,500 (2022)
A.D.T. = 3,000 (2042)
R.D.S. = 55 MPH

BENCH MARK

NO.	STATION	DESCRIPTION	ELEVATION
BM	STA. 383+00.67, 50.55' RT.	CP - LEVELED	938.87

NOTE: BENCHMARK LOCATION SUBJECT TO CHANGE

WISCONSIN
CHRISTOPHER J. MARCUM
44676
EAU CLAIRE
WISCONSIN
PROFESSIONAL ENGINEER

10/16/2023

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
AARON BONK, P.E. (608) 261-0261

CONSULTANT:
CHRISTOPHER MARCUM, P.E. (920) 861-4823

NO.	DATE	REVISION	BY

ENGINEERING, INC
Consultant Services

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ SDR 10/16/23
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE C-13-3098

STH 19 OVER ICE AGE TRAIL

COUNTY	TOWN
DANE	BERRY

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	CJM	DESIGN CK'D.	VJD	DRAWN BY	CJM	PLANS CK'D.	VJD

GENERAL PLAN

SHEET 1 OF 6
433

8

8

STATE PROJECT NUMBER

5145-00-71

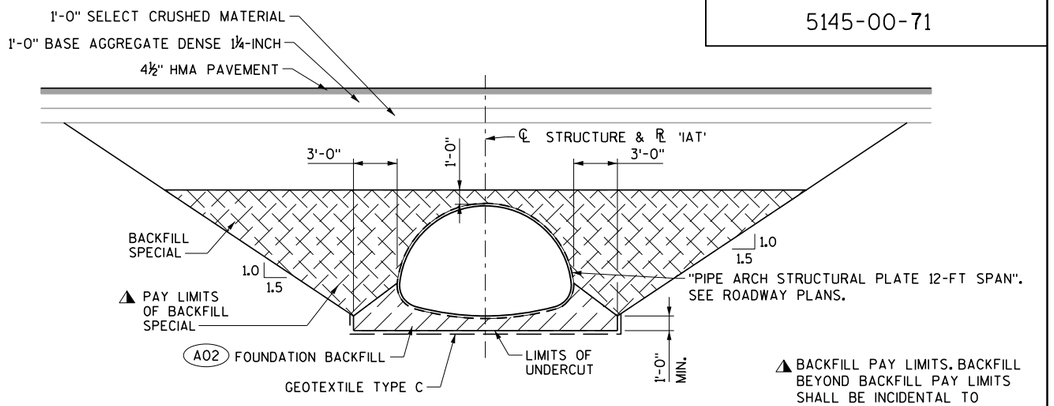
TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEMS	UNIT	CATEGORY 0040	CATEGORY 0050	TOTAL
206.4001	EXCAVATION FOR STRUCTURES STRUCTURAL PLATE PIPE OR PIPE ARCHES C-13-3098	EACH	------	1	1
504.0100	CONCRETE MASONRY CULVERTS	CY	------	17	17
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	------	1,350	1,350
517.1015.S	CONCRETE STAINING MULTI-COLOR C-13-3098	SF	315	------	315
645.0105	GEOTEXTILE TYPE C	SY	------	260	260
SPV.0165.01	STAMPING CONCRETE	SF	315	------	315
SPV.0195.01	BACKFILL SPECIAL	TON	------	1,240	1,240
	NON-BID ITEMS				
	NAME PLATE	EACH	1	1	1

LEGEND

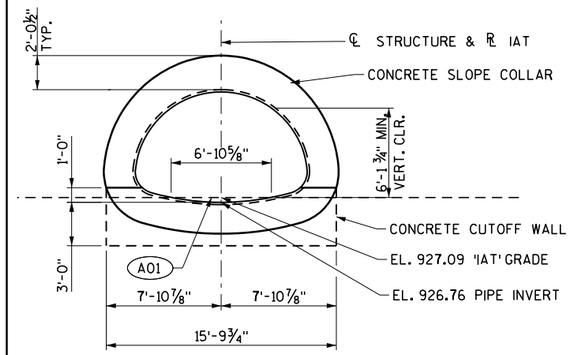
(A01) 4" MAX. BASE AGGERATE DENSE ¾". THIS IS PART OF THE BASE AGGREGATE DENSE ¾" ROADWAY BID ITEM.

(A02) FOUNDATION BACKFILL COST INCIDENTAL TO ROADWAY BID ITEM "PIPE ARCH STRUCTURAL PLATE 12-FT SPAN".



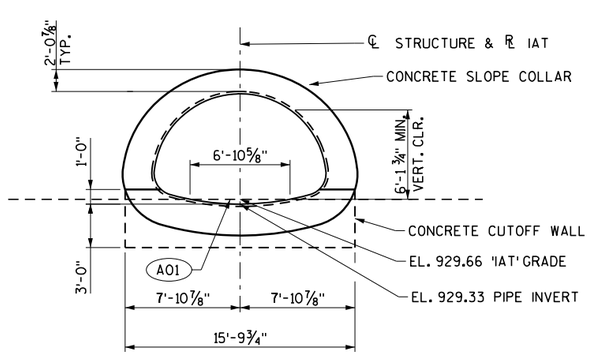
⚠ BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

SECTION THRU UNDERPASS SHOWING BACKFILL



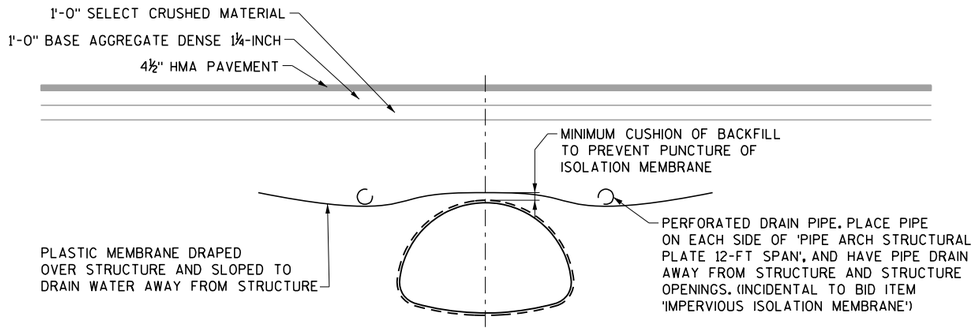
SOUTH COLLAR ELEVATION

LOOKING AT NORTH



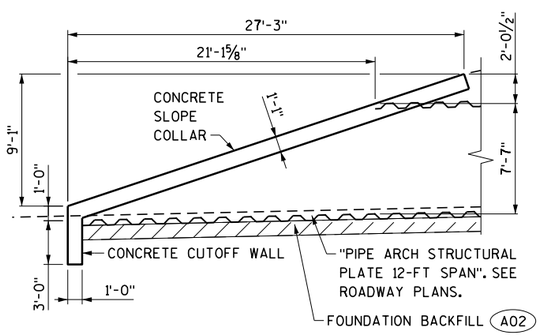
NORTH COLLAR ELEVATION

LOOKING AT SOUTH

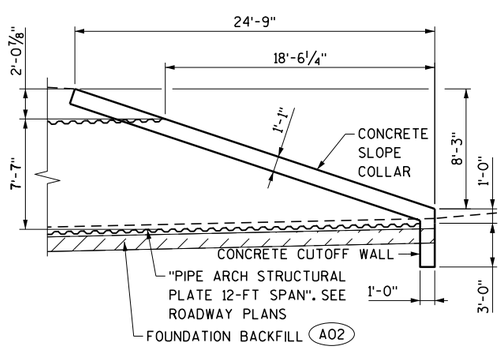


ISOLATION MEMBRANE DETAIL

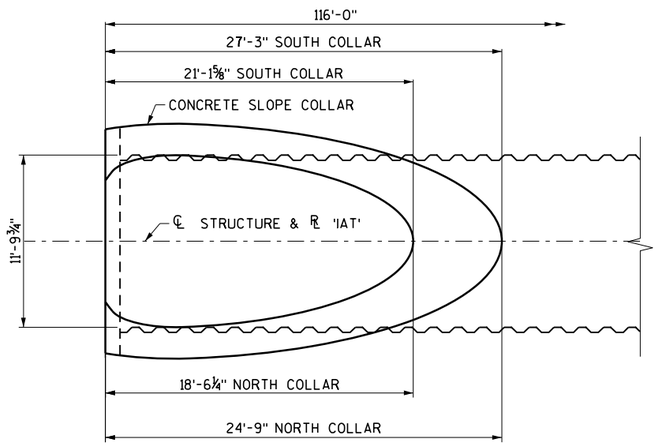
"IMPERVIOUS ISOLATION MEMBRANE" IS REQUIRED OVER THE TOP OF THE 'PIPE ARCH STRUCTURAL PLATE 12-FT SPAN'. THIS SHALL EXTEND ACROSS AT LEAST THE TRENCH WIDTH, AND SHALL HAVE A MINIMUM THICKNESS OF 30 MILS. SEE SPECIAL PROVISIONS. COST TO BE INCIDENTAL TO ROADWAY BID ITEM 'IMPERVIOUS ISOLATION MEMBRANE'.



SOUTH COLLAR SIDE ELEVATION



NORTH COLLAR SIDE ELEVATION



COLLAR PLAN VIEW

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE C-13-3098

DRAWN BY CJM | PLANS CK'D. VJD

CROSS SECTION AND QUANTITIES

SHEET 2 OF 6

434

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STATE PROJECT NUMBER

5145-00-71

LEGEND

(A01) PAIR WITH A406 BARS.

(A02) MEASURED ALONG OUTSIDE EDGE OF CONCRETE SLOPE COLLAR.

(A03) BEND BARS IN FIELD AS REQUIRED.

(A04) ¾" X 6" MULTI-PLATE ANCHOR BOLTS SPACED AT APPROX. 1'-6". DOUBLE NUT. EACH BOLT TO BE PROVIDED BY MANUFACTURER. COST INCIDENTAL TO ROADWAY BID ITEM "PIPE ARCH STRUCTURAL PLATE 12-FT SPAN".

(A05) 'CONCRETE STAMPING' AND 'CONCRETE STAINING MULTI-COLOR'. SEE SHEET 5 FOR DETAILS.

(A06) "PIPE ARCH STRUCTURAL PLATE 12-FT SPAN" IS A ROADWAY BID ITEM. SEE ROADWAY PLANS FOR DETAILS AND QUANTITIES.

* LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE

BAR MARK	NO. REQ'D	LENGTH
A407	2 SERIES OF 4	1'-8" TO 2'-0"
A409	2 SERIES OF 6	1'-6" TO 2'-0"
A411	2 SERIES OF 4	2'-1" TO 2'-9"

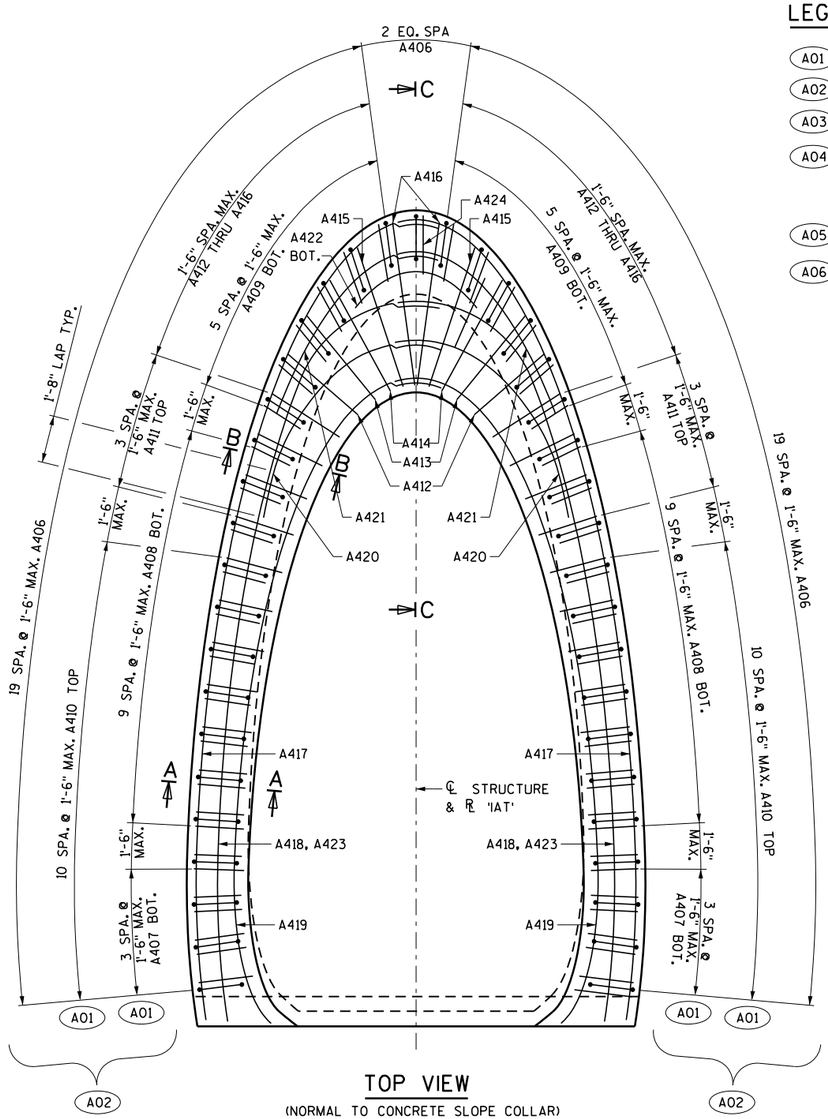
BUNDLE AND TAG EACH SERIES SEPARATELY.

BILL OF BARS

THE FIRST DIGIT OF THE BAR MARK SIGNIFIES THE BAR SIZE.
BAR DIMENSIONS ARE OUT TO OUT OF BAR.

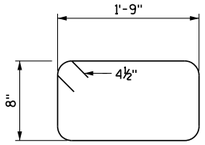
680* COATED

	BAR MARK	COAT	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
	A401	X	16	5'-2"	X		CUTOFF WALL VERT.
	A402	X	32	2'-7"			CUTOFF WALL VERT. E.F.
	A403	X	6	15'-5"			CUTOFF WALL HORIZ. E.F.
	A404	X	4	2'-4"			CUTOFF WALL HORIZ. E.F.
(A03)	A405	X	2	11'-11"			CUTOFF WALL HORIZ. E.F.
	A406	X	41	4'-9"	X		COLLAR TIE
	A407	X	8	1'-10"		*	COLLAR TRANS. BOT.
	A408	X	20	1'-6"			COLLAR TRANS. BOT.
	A409	X	12	1'-9"		*	COLLAR TRANS. BOT.
	A410	X	22	1'-8"			COLLAR TRANS TOP
	A411	X	8	2'-5"		*	COLLAR TRANS TOP
	A412	X	2	3'-3"			COLLAR TRANS TOP
	A413	X	2	3'-9"			COLLAR TRANS TOP
	A414	X	2	4'-5"			COLLAR TRANS TOP
	A415	X	2	5'-1"			COLLAR TRANS TOP
	A416	X	2	5'-9'			COLLAR TRANS TOP
	A417	X	4	31'-6"			COLLAR LONG. TOP & BOT.
	A418	X	2	28'-11"			COLLAR LONG. TOP
	A419	X	2	26'-0"			COLLAR LONG. TOP
(A03)	A420	X	2	9'-8"			COLLAR LONG. TOP
	A421	X	4	8'-8"			COLLAR LONG. TOP & BOT.
	A422	X	1	5'-2"			COLLAR LONG. BOT.
	A423	X	2	23'-2"			COLLAR LONG. BOT.
	A424	X	1	2'-0"			COLLAR TRANS. BOT.

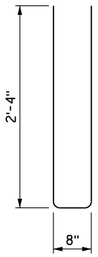


TOP VIEW

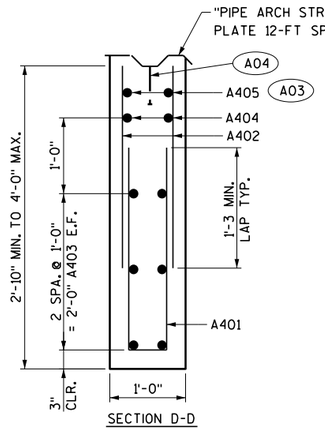
(NORMAL TO CONCRETE SLOPE COLLAR)
CUTOFF WALL NOT SHOWN FOR CLARITY



A406

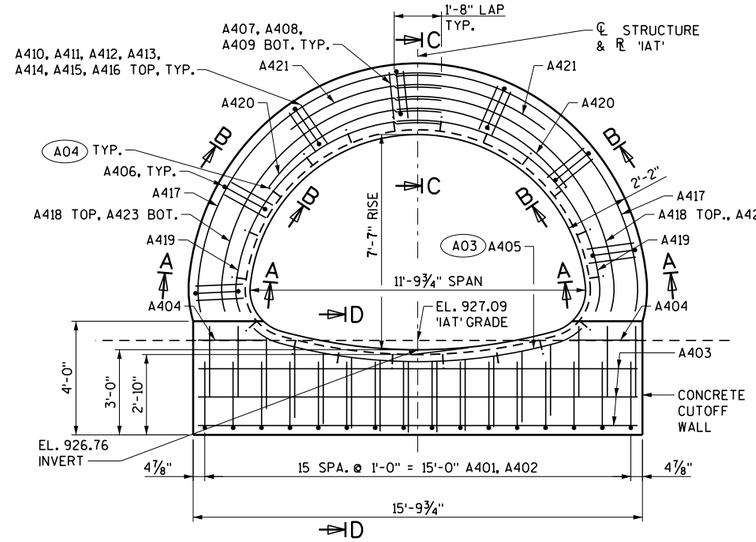


A401

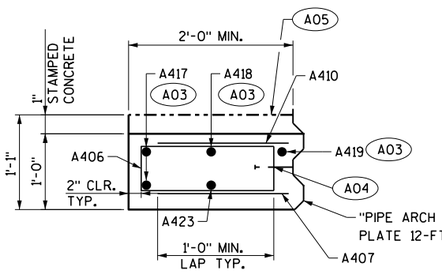


SECTION D-D

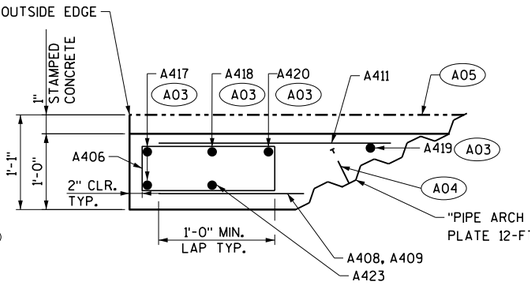
CUTOFF WALL DETAIL



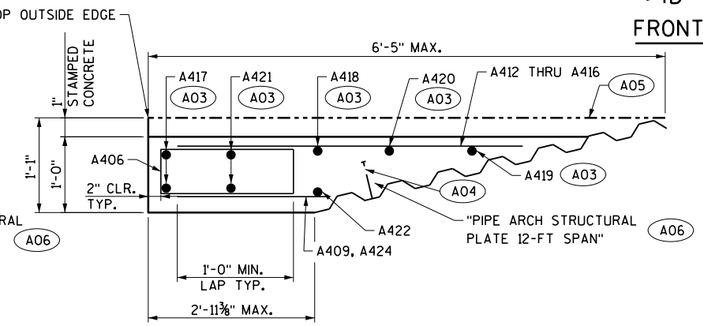
FRONT ELEVATION



SECTION A-A
TYPICAL SECTION THRU SIDE SLOPE COLLAR



SECTION B-B
TYPICAL SECTION THRU SLOPE COLLAR TRANSITION



SECTION C-C
SECTION THRU SLOPE COLLAR AT TOP OF PIPE ARCH

PIPE TO SLOPE COLLAR CONNECTION DETAIL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE C-13-3098

DRAWN BY CJM | PLANS CK'D. VJD

SOUTH COLLAR DETAILS

SHEET 3 OF 6
435

8

8

STATE PROJECT NUMBER

5145-00-71

LEGEND

(B01) PAIR WITH B406 BARS.

(B02) MEASURED ALONG OUTSIDE EDGE OF CONCRETE SLOPE COLLAR.

(B03) BEND BARS IN FIELD AS REQUIRED.

(B04) ¾" X 6" MULTI-PLATE ANCHOR BOLTS SPACED AT APPROX. 1'-6". DOUBLE NUT. EACH BOLT TO BE PROVIDED BY MANUFACTURER. COST INCIDENTAL TO ROADWAY BID ITEM "PIPE ARCH STRUCTURAL PLATE 12-FT SPAN".

(B05) 'CONCRETE STAMPING' AND 'CONCRETE STAINING MULTI-COLOR'. SEE SHEET 5 FOR DETAILS.

(B06) "PIPE ARCH STRUCTURAL PLATE 12-FT SPAN" IS A ROADWAY BID ITEM. SEE ROADWAY PLANS FOR DETAILS AND QUANTITIES.

* LENGTH SHOWN FOR BAR IS AN AVERAGE LENGTH AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE

BAR MARK	NO. REQ'D	LENGTH
B407	2 SERIES OF 9	1'-4" TO 2'-0"
B409	2 SERIES OF 4	1'-8" TO 2'-6"
B411	2 SERIES OF 5	1'-11" TO 2'-7"

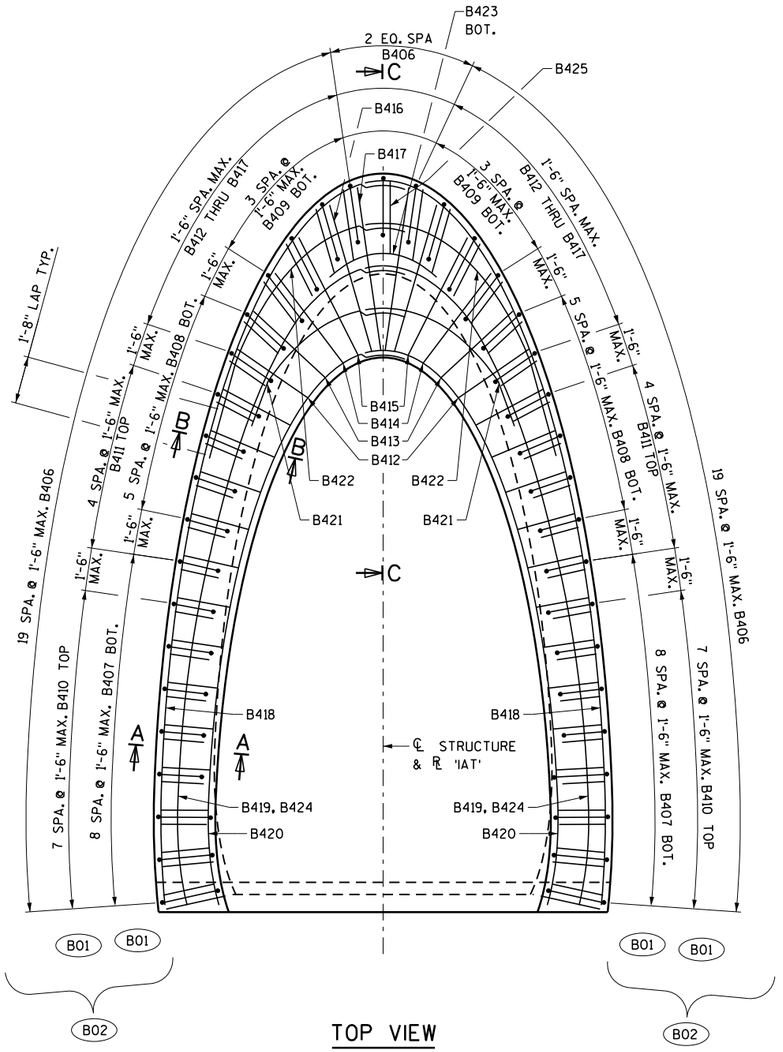
BUNDLE AND TAG EACH SERIES SEPARATELY.

BILL OF BARS

THE FIRST DIGIT OF THE BAR MARK SIGNIFIES THE BAR SIZE.
BAR DIMENSIONS ARE OUT TO OUT OF BAR.

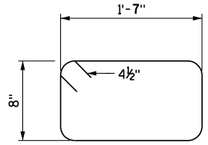
670* COATED

	BAR MARK	COAT	NO. REQ'D	LENGTH	BENT	BAR SERIES	LOCATION
	B401	X	16	5'-2"	X		CUTOFF WALL VERT.
	B402	X	32	2'-7"			CUTOFF WALL VERT. E.F.
	B403	X	6	15'-5"			CUTOFF WALL HORIZ. E.F.
	B404	X	4	2'-4"			CUTOFF WALL HORIZ. E.F.
(B03)	B405	X	2	11'-11"			CUTOFF WALL HORIZ. E.F.
	B406	X	41	4'-9"	X		COLLAR TIE
	B407	X	18	1'-8"		*	COLLAR TRANS. BOT.
	B408	X	12	1'-4"			COLLAR TRANS. BOT.
	B409	X	8	2'-1"		*	COLLAR TRANS. BOT.
	B410	X	16	1'-8"			COLLAR TRANS TOP
	B411	X	10	2'-3"		*	COLLAR TRANS TOP
	B412	X	2	3'-0"			COLLAR TRANS TOP
	B413	X	2	3'-5"			COLLAR TRANS TOP
	B414	X	2	3'-11"			COLLAR TRANS TOP
	B415	X	2	4'-7"			COLLAR TRANS TOP
	B416	X	2	5'-4"			COLLAR TRANS TOP
	B417	X	2	5'-9"			COLLAR TRANS TOP
(B03)	B418	X	4	28'-11"			COLLAR LONG. TOP & BOT.
	B419	X	2	25'-10"			COLLAR LONG. TOP
	B420	X	2	22'-6"			COLLAR LONG. TOP
	B421	X	2	8'-5"			COLLAR LONG. TOP
	B422	X	4	11'-10"			COLLAR LONG. TOP & BOT.
	B423	X	1	4'-2"			COLLAR LONG. BOT.
	B424	X	2	21'-4"			COLLAR LONG. BOT.
	B425	X	1	2'-6"			COLLAR TRANS. BOT.

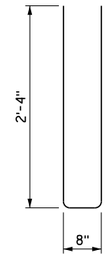


TOP VIEW

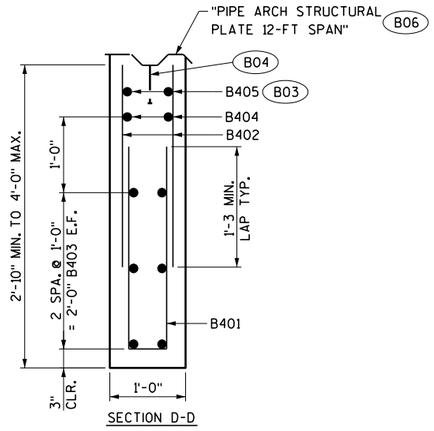
(NORMAL TO CONCRETE SLOPE COLLAR)
CUTOFF WALL NOT SHOWN FOR CLARITY



B406

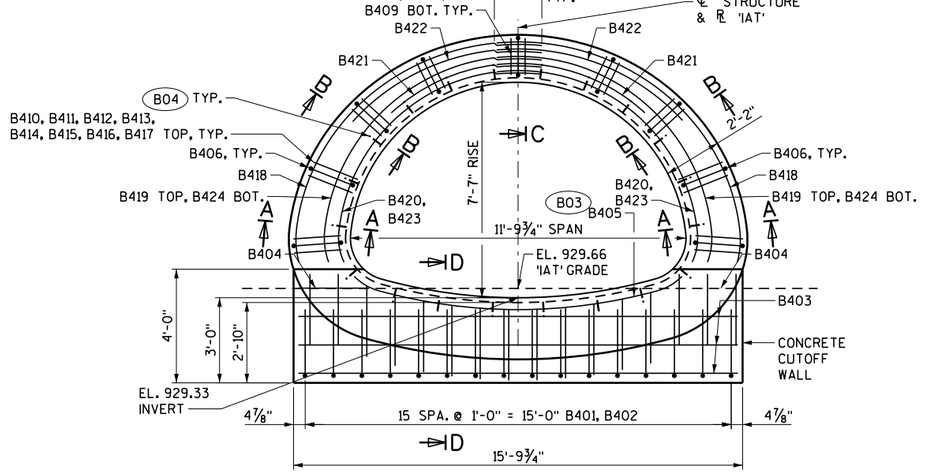


B401

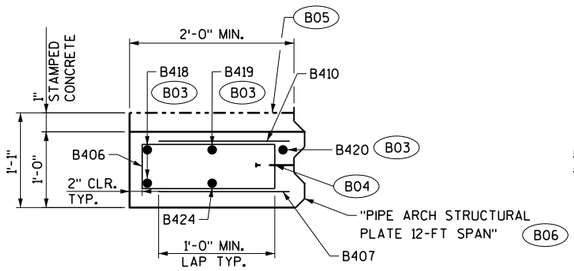


SECTION D-D

CUTOFF WALL DETAIL

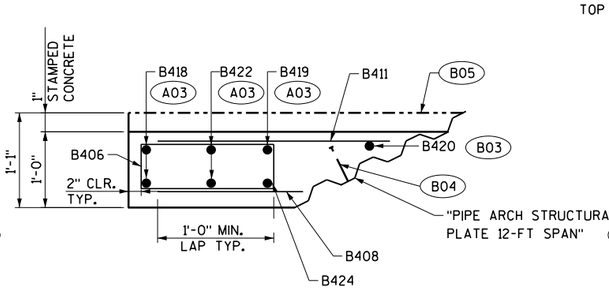


FRONT ELEVATION



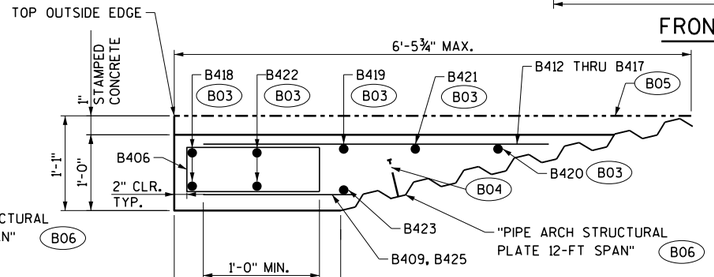
SECTION A-A

TYPICAL SECTION THRU SIDE SLOPE COLLAR



SECTION B-B

TYPICAL SECTION THRU SLOPE COLLAR TRANSITION



SECTION C-C

SECTION THRU SLOPE COLLAR AT TOP OF PIPE ARCH

PIPE TO SLOPE COLLAR CONNECTION DETAIL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE C-13-3098

DRAWN BY CJM | PLANS CK'D. VJD

NORTH COLLAR DETAILS

SHEET 4 OF 6
436

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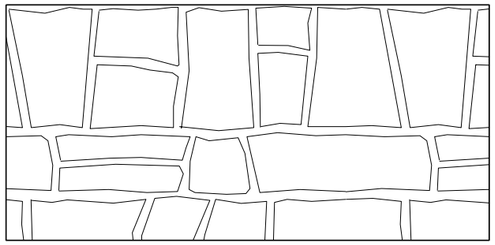
STATE PROJECT NUMBER

5145-00-71

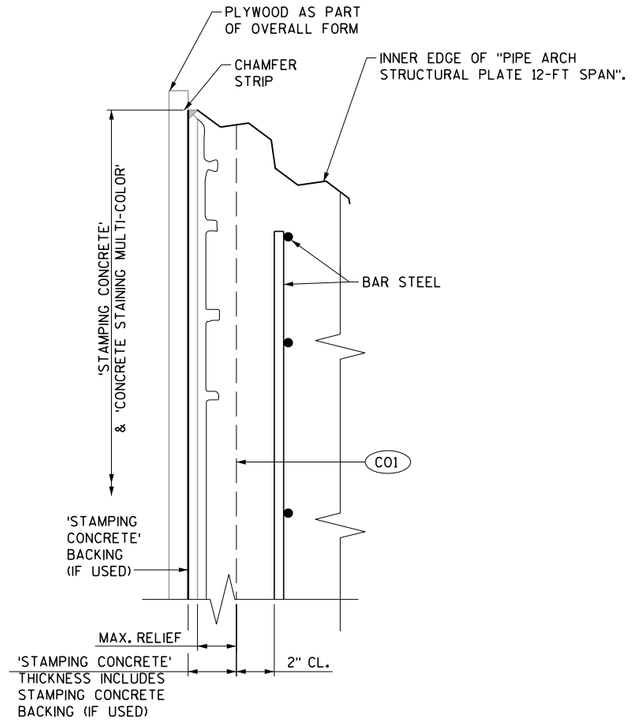


RUSTIC ASHLAR

CONCRETE STAMPING THICKNESS = 1"
LARGEST STONE IS 12" X 10"
MAX. RELIEF = ½"

STAINING NOTES

'RUSTIC ASHLAR' 'STAMPING CONCRETE' PATTERN TO RECEIVE MULTI-COLOR STAIN THAT CLOSELY MATCHES STONE AT STONE RUINS IN INDIAN LAKE PARK. STAINING SCHEME TO BE APPROVED BY DANE COUNTY PARKS PRIOR TO PERFORMING THE WORK.



SECTION THROUGH CONCRETE STAMPING

C01 STRUCTURAL CONCRETE CAN ONLY BE ASSUMED TO THIS LINE. PROVIDE ADDITIONAL STRUCTURE SIZE AS NECESSARY TO MAINTAIN MINIMINUM FULL STRUCTURAL CONCRETE DIMENSIONS AS INDICATED ON THE STANDARDS.

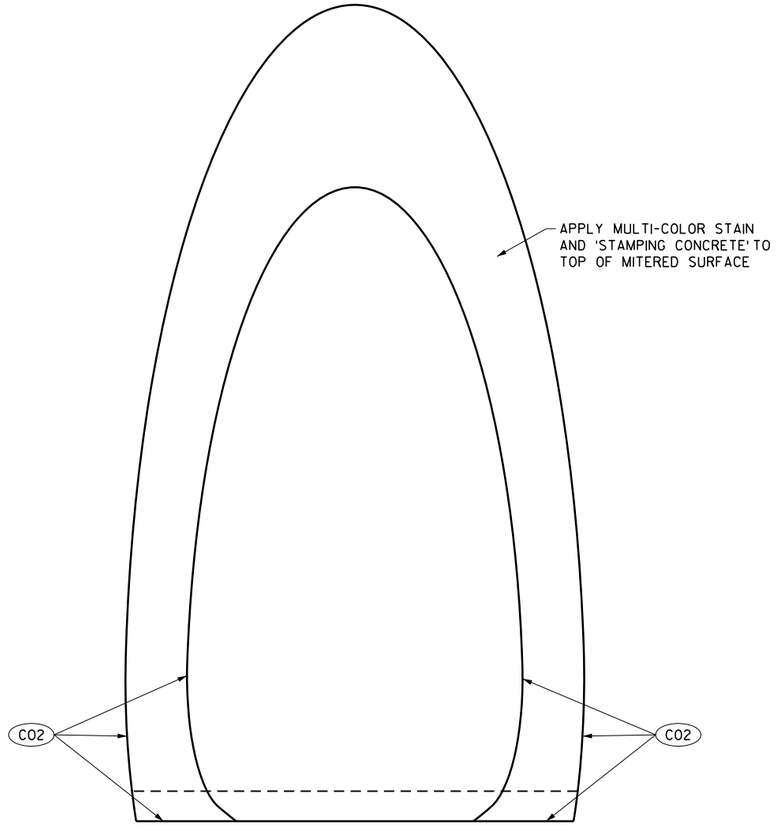
NOTES:

THE 'STAMPING CONCRETE' COURSING ON THE CONCRETE COLLAR VERTICAL ENDS SHALL BE VERTICALLY ALIGNED WITH THE FORMLINER COURSING ON THE FRONT FACE OF THE LOWER VERTICAL CONCRETE COLLAR.

THE 'STAMPING CONCRETE' PATTERN SHALL BE CONTINUOUS ACROSS CONSTRUCTION JOINTS.

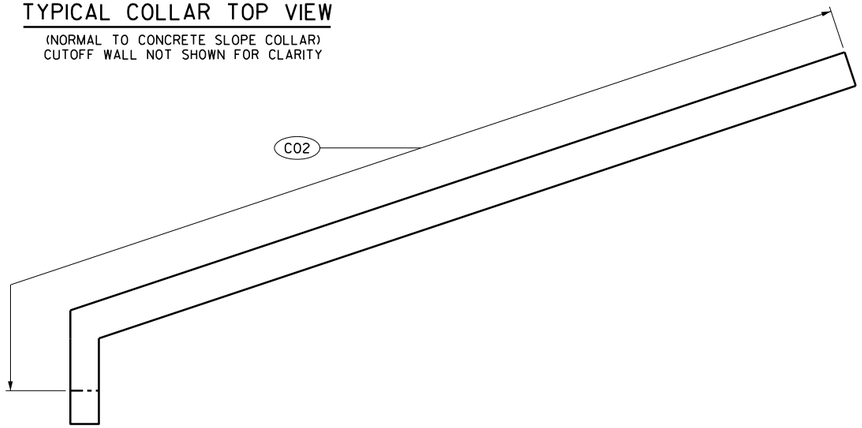
'STAMPING CONCRETE' COURSING ON CONCRETE COLLAR AND ENDWALL SHALL BE LEVEL WITH THE FRONT FACE OF THE RESPECTIVE SURFACE.

WRAP AROUND/MATCH CONCRETE STAMPING AT CORNERS.

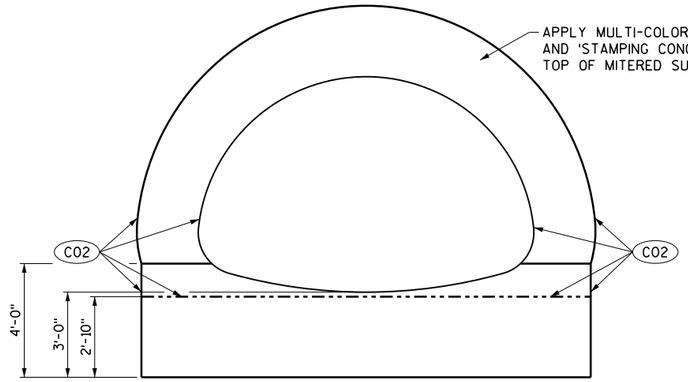


TYPICAL COLLAR TOP VIEW

(NORMAL TO CONCRETE SLOPE COLLAR)
CUTOFF WALL NOT SHOWN FOR CLARITY



TYPICAL COLLAR SIDE ELEVATION



TYPICAL COLLAR FRONT ELEVATION

LEGEND

C02 LIMITS OF 'STAMPING CONCRETE' AND 'CONCRETE STAINING MULTI-COLOR'.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE C-13-3098

DRAWN BY CJM | PLANS CK'D. VJD

STAMPING CONCRETE & STAINING

SHEET 5 OF 6
437

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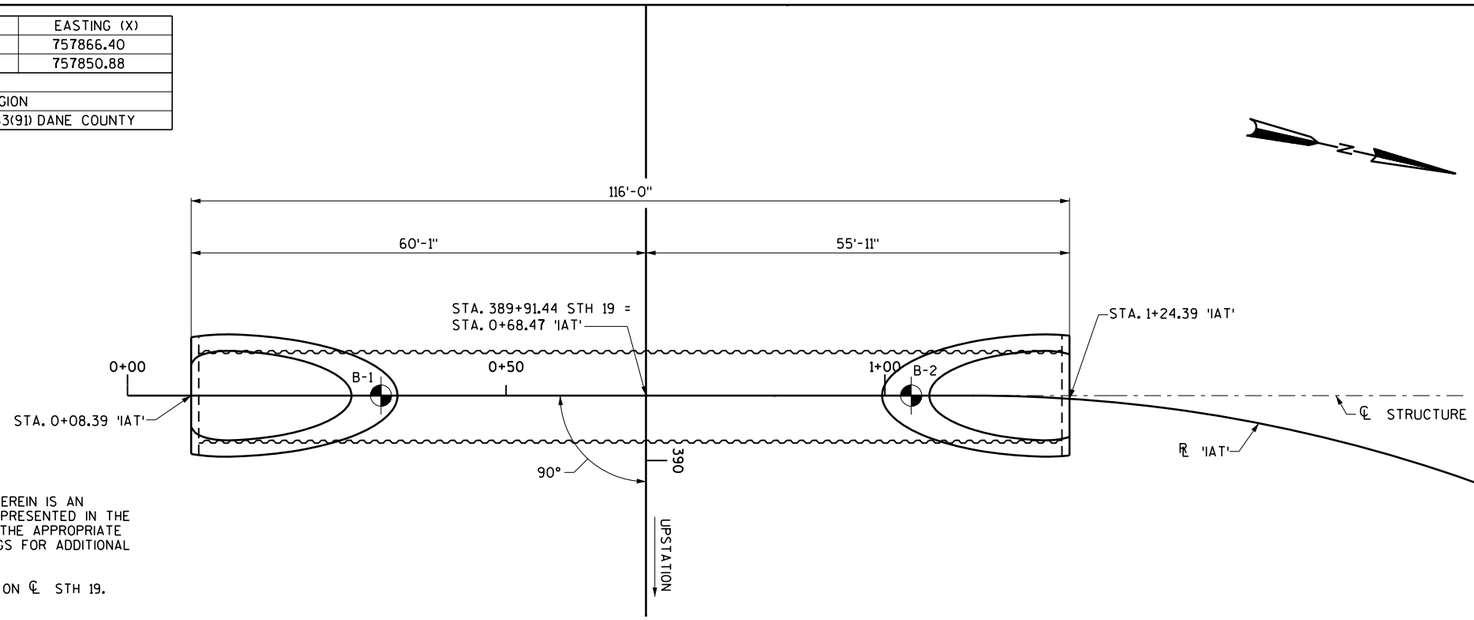
BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
1	09/21/2021	526918.71	757866.40
2	09/21/2021	526986.97	757850.88
BORINGS COMPLETED BY: GESTRA			
REPORT COMPLETED BY: WISDOT SOUTHWEST REGION			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) DANE COUNTY			

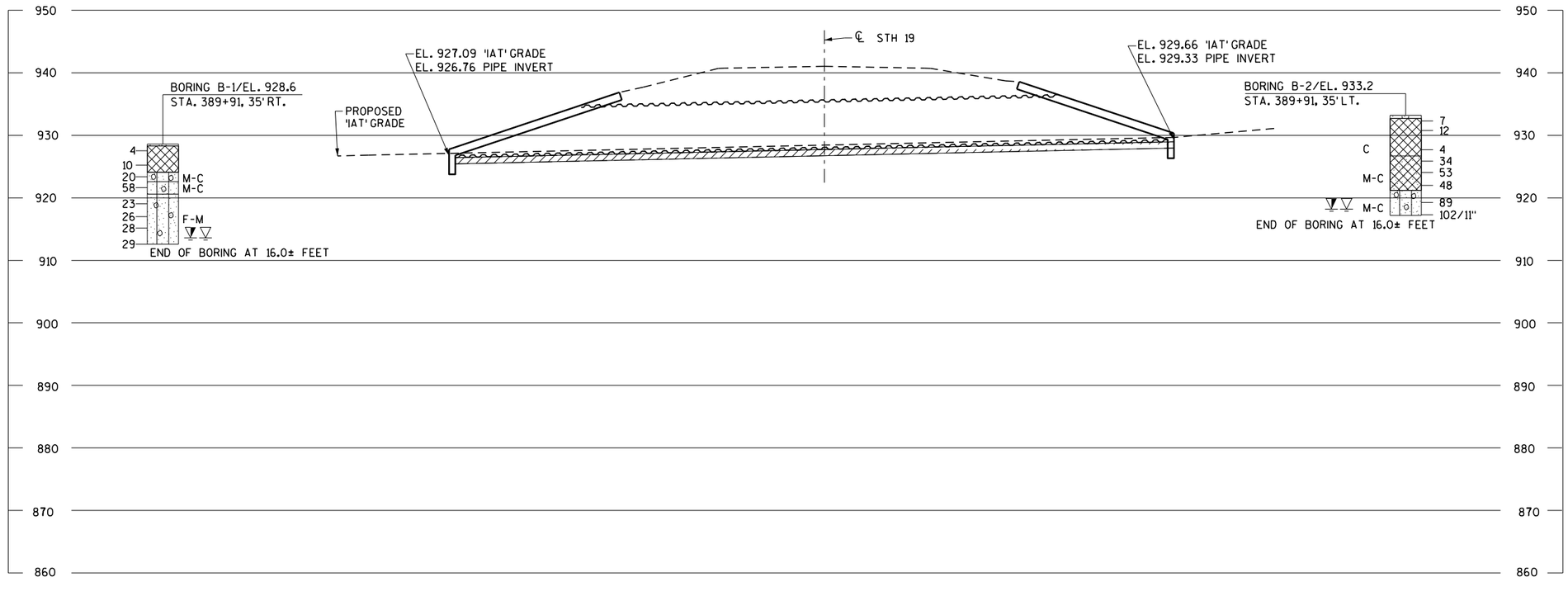


PLAN

NOTE:

THE SUBSURFACE INFORMATION PRESENTED HEREIN IS AN ABBREVIATED VERSION OF THE INFORMATION PRESENTED IN THE GEOTECHNICAL ENGINEERING REPORT. REVIEW THE APPROPRIATE GEOTECHNICAL REPORT AND SOIL BORING LOGS FOR ADDITIONAL SUBSURFACE INFORMATION.

BORING STATIONS AND OFFSETS ARE BASED ON ℄ STH 19.



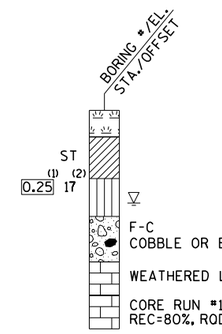
STATE PROJECT NUMBER

5145-00-71

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- ▽ AT TIME OF DRILLING
- ▼ END OF DRILLING
- ▽ AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE C-13-3098

DRAWN BY CJM | PLANS CK'D. VJD

SUBSURFACE EXPLORATION

SHEET 6 OF 6
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DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
													1.00	1.25	1.10	1.30	0.80	
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
00+30.355	30.36	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
00+50	50.00	19.64	27.18	0.00	0.00	0.00	0.00	10	0	0	0	0	10	0	0	0	0	10
01+00	100.00	50.00	37.56	0.00	2.82	0.00	0.00	60	0	3	0	0	70	4	0	0	0	66
01+50	150.00	50.00	40.38	0.00	1.95	0.00	0.00	72	0	4	0	0	142	9	0	0	0	133
02+00	200.00	50.00	49.80	0.00	0.56	0.00	0.00	83	0	2	0	0	225	11	0	0	0	214
02+50	250.00	50.00	48.56	0.00	0.63	0.00	0.00	91	0	1	0	0	316	13	0	0	0	304
03+00	300.00	50.00	56.40	0.00	1.08	0.00	0.00	97	0	2	0	0	413	15	0	0	0	398
03+50	350.00	50.00	60.30	0.00	0.74	0.00	0.00	108	0	2	0	0	521	18	0	0	0	504
04+00	400.00	50.00	55.60	0.00	0.72	0.00	0.00	107	0	1	0	0	628	19	0	0	0	609
04+50	450.00	50.00	51.76	0.00	0.17	0.00	0.00	99	0	1	0	0	727	20	0	0	0	707
05+00	500.00	50.00	67.82	0.00	0.00	0.00	0.00	111	0	0	0	0	838	20	0	0	0	818
05+50	550.00	50.00	45.17	0.00	1.06	0.00	0.00	105	0	1	0	0	943	21	0	0	0	922
06+00	600.00	50.00	38.17	0.00	0.24	0.00	0.00	77	0	1	0	0	1,020	23	0	0	0	998
06+50	650.00	50.00	39.08	0.00	0.02	0.00	0.00	72	0	0	0	0	1,092	23	0	0	0	1,070
07+00	700.00	50.00	62.19	0.00	0.00	0.00	0.00	94	0	0	0	0	1,186	23	0	0	0	1,164
07+50	750.00	50.00	53.46	0.00	1.36	0.00	0.00	107	0	1	0	0	1,293	24	0	0	0	1,269
08+00	800.00	50.00	54.02	0.00	0.87	0.00	0.00	100	0	2	0	0	1,393	26	0	0	0	1,367
08+50	850.00	50.00	49.56	0.00	0.58	0.00	0.00	96	0	1	0	0	1,489	28	0	0	0	1,462
09+00	900.00	50.00	44.91	0.00	0.76	0.00	0.00	87	0	1	0	0	1,576	29	0	0	0	1,547
09+50	950.00	50.00	42.75	0.00	0.43	0.00	0.00	81	0	1	0	0	1,657	30	0	0	0	1,627
09+91.57	991.57	41.57	41.37	0.00	0.88	0.00	0.00	65	0	1	0	0	1,722	31	0	0	0	1,691
10+00	1000.00	8.43	41.03	0.00	0.93	0.00	0.00	13	0	0	0	0	1,735	31	0	0	0	1,704
10+42.4	1042.40	42.40	36.24	0.00	2.02	0.00	0.00	61	0	2	0	0	1,796	34	0	0	0	1,762
10+50	1050.00	7.60	35.96	0.00	2.27	0.00	0.00	10	0	1	0	0	1,806	35	0	0	0	1,771
10+83.073	1083.07	33.07	34.01	0.00	3.84	0.00	0.00	43	0	4	0	0	1,849	40	0	0	0	1,809
10+93.237	1093.24	10.16	33.15	0.00	4.50	0.00	0.00	13	0	2	0	0	1,862	43	0	0	0	1,820
11+00	1100.00	6.76	33.40	0.00	5.36	0.00	0.00	8	0	1	0	0	1,870	44	0	0	0	1,826
11+03.404	1103.40	3.40	33.38	0.00	5.59	0.00	0.00	4	0	1	0	0	1,874	45	0	0	0	1,829
11+50	1150.00	46.60	32.40	0.00	3.99	0.00	0.00	57	0	8	0	0	1,931	55	0	0	0	1,876
12+00	1200.00	50.00	38.32	0.00	2.22	0.00	0.00	65	0	6	0	0	1,996	63	0	0	0	1,934
12+50	1250.00	50.00	44.55	0.00	2.07	0.00	0.00	77	0	4	0	0	2,073	68	0	0	0	2,006
13+00	1300.00	50.00	46.46	0.00	2.13	0.00	0.00	84	0	4	0	0	2,157	73	0	0	0	2,085
13+50	1350.00	50.00	50.83	0.00	2.96	0.00	0.00	90	0	5	0	0	2,247	79	0	0	0	2,168
14+00	1400.00	50.00	40.60	0.00	4.84	0.00	0.00	85	0	7	0	0	2,332	88	0	0	0	2,245
14+14.298	1414.30	14.30	40.18	0.00	6.02	0.00	0.00	21	0	3	0	0	2,353	91	0	0	0	2,262
14+50	1450.00	35.70	38.75	0.00	7.66	0.00	0.00	52	0	9	0	0	2,405	103	0	0	0	2,303
15+00	1500.00	50.00	38.78	0.00	5.08	0.00	0.00	72	0	12	0	0	2,477	118	0	0	0	2,360
15+50	1550.00	50.00	37.98	0.00	3.32	0.00	0.00	71	0	8	0	0	2,548	128	0	0	0	2,421
16+00	1600.00	50.00	39.16	0.00	4.67	0.00	0.00	71	0	7	0	0	2,619	136	0	0	0	2,483
16+50	1650.00	50.00	40.90	0.00	2.06	0.00	0.00	74	0	6	0	0	2,693	144	0	0	0	2,549
17+00	1700.00	50.00	45.95	0.00	2.41	0.00	0.00	80	0	4	0	0	2,773	149	0	0	0	2,624
17+25.191	1725.19	25.19	49.78	0.00	2.79	0.00	0.00	45	0	2	0	0	2,818	151	0	0	0	2,667
17+35.358	1735.36	10.17	48.84	0.00	3.75	0.00	0.00	19	0	1	0	0	2,837	153	0	0	0	2,685
17+45.523	1745.52	10.16	47.69	0.00	4.89	0.00	0.00	18	0	2	0	0	2,855	155	0	0	0	2,700
17+50	1750.00	4.48	46.94	0.00	5.14	0.00	0.00	8	0	1	0	0	2,863	156	0	0	0	2,707
17+86.191	1786.19	36.19	42.62	0.00	2.63	0.00	0.00	60	0	5	0	0	2,923	163	0	0	0	2,761
18+00	1800.00	13.81	42.62	0.00	2.73	0.00	0.00	22	0	1	0	0	2,945	164	0	0	0	2,781
18+37.025	1837.02	37.02	53.95	0.00	1.61	0.00	0.00	66	0	3	0	0	3,011	168	0	0	0	2,844
18+50	1850.00	12.98	54.93	0.00	1.72	0.00	0.00	26	0	1	0	0	3,037	169	0	0	0	2,868
19+00	1900.00	50.00	58.25	0.00	1.70	0.00	0.00	105	0	3	0	0	3,142	173	0	0	0	2,970
19+50	1950.00	50.00	64.41	0.00	2.58	0.00	0.00	114	0	4	0	0	3,256	178	0	0	0	3,079
20+00	2000.00	50.00	69.59	0.00	0.98	0.00	0.00	124	0	3	0	0	3,380	181	0	0	0	3,199
20+50	2050.00	50.00	61.02	0.00	0.55	0.00	0.00	121	0	1	0	0	3,501	183	0	0	0	3,319
21+00	2100.00	50.00	46.24	0.00	3.67	0.00	0.00	99	0	4	0	0	3,600	188	0	0	0	3,413
21+50	2150.00	50.00	41.30	0.00	1.46	0.00	0.00	81	0	5	0	0	3,681	194	0	0	0	3,487
22+00	2200.00	50.00	41.82	0.00	0.66	0.00	0.00	77	0	2	0	0	3,758	196	0	0	0	3,562
22+43.52	2243.52	43.52	41.03	0.00	0.54	0.00	0.00	67	0	1	0	0	3,825	198	0	0	0	3,628
22+50	2250.00	6.48	41.44	0.00	0.57	0.00	0.00	10	0	0	0	0	3,835	198	0	0	0	3,638
22+94.853	2294.85	44.85	42.54	0.00	3.40	0.00	0.00	70	0	3	0	0	3,905	201	0	0	0	3,704
23+00	2300.00	5.15	42.89	0.00	3.99	0.00	0.00	8	0	1	0	0	3,913	203	0	0	0	3,711
23+46.187	2346.19	46.19	42.25	0.00	13.13	0.00	0.00	73	0	15	0	0	3,986	221	0	0	0	3,765
23+46.189	2346.19	0.00	42.25	0.00	13.13	0.00	0.00	0	0	0	0	0	3,986	221	0	0	0	3,765
23+50	2350.00	3.81	42.19	0.00	13.53	0.00	0.00	6	0	2	0	0	3,992	224	0	0	0	3,768
23+71.853	2371.85	21.85	42.77	0.00	15.39	0.00	0.00	34	0	12	0	0	4,026	239	0	0	0	3,787
24+00	2400.00	28.15	39.14	0.00	15.48	0.00	0.00	43	0	16	0	0	4,069	259	0	0	0	3,810
24+50	2450.00	50.00	40.70	0.00	16.26	0.00	0.00	74	0	29	0	0	4,143	295	0	0	0	3,848
25+00	2500.00	50.00	37.71	0.00	13.16	0.00	0.00	73	0	27	0	0	4,216	329	0	0	0	3,887
25+50	2550.00	50.00	37.79	0.00	11.39	0.00	0.00	70	0	23	0	0	4,286	358	0	0	0	3,929
25+92.498	2592.50	42.50	39.93	0.00	6.49	0.00	0.00	61	0	14	0	0	4,347	375	0	0	0	3,972
26+00	2600.00	7.50	40.44	0.00	5.90	0.00	0.00	11	0	2	0	0	4,358	378	0	0	0	3,981
26+50	2650.00	50.00	40.93	0.00	4.80	0.00	0.00	75	0	10	0	0	4,433	390	0	0	0	4,043

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
27+00	2700.00	50.00	47.15	0.00	14.64	0.00	0.00	82	0	18	0	0	4,515	413	0	0	0	4,103
27+50	2750.00	50.00	40.14	0.00	8.84	0.00	0.00	81	0	22	0	0	4,596	440	0	0	0	4,156
28+00	2800.00	50.00	32.16	0.00	4.02	0.00	0.00	67	0	12	0	0	4,663	455	0	0	0	4,208
28+13.143	2813.14	13.14	31.57	0.00	3.61	0.00	0.00	16	0	2	0	0	4,679	458	0	0	0	4,222
28+38.807	2838.81	25.66	33.66	0.00	1.01	0.00	0.00	31	0	2	0	0	4,710	460	0	0	0	4,250
28+38.81	2838.81	0.00	33.66	0.00	1.01	0.00	0.00	0	0	0	0	0	4,710	460	0	0	0	4,250
28+50	2850.00	11.19	34.36	0.00	0.50	0.00	0.00	14	0	0	0	0	4,724	460	0	0	0	4,264
28+90.143	2890.14	40.14	36.10	0.00	0.05	0.00	0.00	52	0	0	0	0	4,776	460	0	0	0	4,316
29+00	2900.00	9.86	36.43	0.00	0.01	0.00	0.00	13	0	0	0	0	4,789	460	0	0	0	4,329
29+41.476	2941.48	41.48	44.41	0.00	0.00	0.00	0.00	62	0	0	0	0	4,851	460	0	0	0	4,391
29+50	2950.00	8.52	45.89	0.00	0.01	0.00	0.00	14	0	0	0	0	4,865	460	0	0	0	4,405
30+00	3000.00	50.00	44.34	0.00	0.02	0.00	0.00	84	0	0	0	0	4,949	460	0	0	0	4,489
30+50	3050.00	50.00	51.05	0.00	0.00	0.00	0.00	88	0	0	0	0	5,037	460	0	0	0	4,577
31+00	3100.00	50.00	45.03	0.00	0.04	0.00	0.00	89	0	0	0	0	5,126	460	0	0	0	4,666
31+50	3150.00	50.00	39.34	0.00	0.62	0.00	0.00	78	0	1	0	0	5,204	461	0	0	0	4,743
32+00	3200.00	50.00	46.02	0.00	0.00	0.00	0.00	79	0	1	0	0	5,283	463	0	0	0	4,821
32+50	3250.00	50.00	41.90	0.00	0.00	0.00	0.00	81	0	0	0	0	5,364	463	0	0	0	4,902
32+82.65	3282.65	32.65	40.41	0.00	0.11	0.00	0.00	50	0	0	0	0	5,414	463	0	0	0	4,952
33+00	3300.00	17.35	40.09	0.00	0.12	0.00	0.00	26	0	0	0	0	5,440	463	0	0	0	4,978
33+50	3350.00	50.00	41.29	0.00	0.00	0.00	0.00	75	0	0	0	0	5,515	463	0	0	0	5,053
34+00	3400.00	50.00	37.45	0.00	0.00	0.00	0.00	73	0	0	0	0	5,588	463	0	0	0	5,126
34+50	3450.00	50.00	39.65	0.00	0.06	0.00	0.00	71	0	0	0	0	5,659	463	0	0	0	5,197
35+00	3500.00	50.00	40.61	0.00	0.13	0.00	0.00	74	0	0	0	0	5,733	463	0	0	0	5,271
35+50	3550.00	50.00	43.62	0.00	0.36	0.00	0.00	78	0	0	0	0	5,811	463	0	0	0	5,349
36+00	3600.00	50.00	51.51	0.00	0.00	0.00	0.00	88	0	0	0	0	5,899	463	0	0	0	5,437
36+50	3650.00	50.00	59.77	0.00	0.04	0.00	0.00	103	0	0	0	0	6,002	463	0	0	0	5,540
37+00	3700.00	50.00	62.78	0.00	0.12	0.00	0.00	113	0	0	0	0	6,115	463	0	0	0	5,653
37+50	3750.00	50.00	72.16	0.00	1.31	0.00	0.00	125	0	1	0	0	6,240	464	0	0	0	5,776
37+84.818	3784.82	34.82	78.44	0.00	0.12	0.00	0.00	97	0	1	0	0	6,337	465	0	0	0	5,872
38+00	3800.00	15.18	81.47	0.00	0.05	0.00	0.00	45	0	0	0	0	6,382	465	0	0	0	5,917
38+50	3850.00	50.00	101.75	0.00	0.00	0.00	0.00	170	0	0	0	0	6,552	465	0	0	0	6,087
39+00	3900.00	50.00	116.22	0.00	0.00	0.00	0.00	202	0	0	0	0	6,754	465	0	0	0	6,289
39+50	3950.00	50.00	127.06	0.00	0.62	0.00	0.00	225	0	1	0	0	6,979	466	0	0	0	6,513
40+00	4000.00	50.00	102.16	0.00	5.04	0.00	0.00	212	0	5	0	0	7,191	473	0	0	0	6,719
40+50	4050.00	50.00	89.08	0.00	3.17	0.00	0.00	177	0	8	0	0	7,368	483	0	0	0	6,886
41+00	4100.00	50.00	81.75	0.00	3.59	0.00	0.00	158	0	6	0	0	7,526	490	0	0	0	7,036
41+50	4150.00	50.00	80.01	0.00	3.68	0.00	0.00	150	0	7	0	0	7,676	499	0	0	0	7,177
42+00	4200.00	50.00	79.95	0.00	1.16	0.00	0.00	148	0	4	0	0	7,824	504	0	0	0	7,320
42+50	4250.00	50.00	79.49	0.00	0.58	0.00	0.00	148	0	2	0	0	7,972	506	0	0	0	7,466
42+86.987	4286.99	36.99	79.29	0.00	0.40	0.00	0.00	109	0	1	0	0	8,081	508	0	0	0	7,574
43+00	4300.00	13.01	78.24	0.00	0.48	0.00	0.00	38	0	0	0	0	8,119	508	0	0	0	7,612
43+50	4350.00	50.00	73.44	0.00	0.23	0.00	0.00	140	0	1	0	0	8,259	509	0	0	0	7,750
44+00	4400.00	50.00	64.24	0.00	0.91	0.00	0.00	127	0	1	0	0	8,386	510	0	0	0	7,876
44+50	4450.00	50.00	60.46	0.00	2.31	0.00	0.00	115	0	3	0	0	8,501	514	0	0	0	7,987
45+00	4500.00	50.00	62.47	0.00	3.18	0.00	0.00	114	0	5	0	0	8,615	520	0	0	0	8,095
45+50	4550.00	50.00	62.86	0.00	1.60	0.00	0.00	116	0	4	0	0	8,731	525	0	0	0	8,206
46+00	4600.00	50.00	60.67	0.00	4.47	0.00	0.00	114	0	6	0	0	8,845	533	0	0	0	8,313
46+50	4650.00	50.00	52.91	0.00	7.88	0.00	0.00	105	0	11	0	0	8,950	546	0	0	0	8,404
47+00	4700.00	50.00	49.12	0.00	5.52	0.00	0.00	94	0	12	0	0	9,044	561	0	0	0	8,483
47+50	4750.00	50.00	43.81	0.00	3.45	0.00	0.00	86	0	8	0	0	9,130	571	0	0	0	8,559
48+00	4800.00	50.00	46.20	0.00	2.34	0.00	0.00	83	0	5	0	0	9,213	578	0	0	0	8,636
48+50	4850.00	50.00	54.37	0.00	2.53	0.00	0.00	93	0	5	0	0	9,306	584	0	0	0	8,722
49+00	4900.00	50.00	66.31	0.00	0.63	0.00	0.00	112	0	3	0	0	9,418	588	0	0	0	8,831
49+27.445	4927.45	27.45	68.84	0.00	0.20	0.00	0.00	69	0	0	0	0	9,487	588	0	0	0	8,900
49+50	4950.00	22.55	67.03	0.00	0.90	0.00	0.00	57	0	0	0	0	9,544	588	0	0	0	8,957
49+78.445	4978.45	28.45	70.65	0.00	3.36	0.00	0.00	73	0	2	0	0	9,617	590	0	0	0	9,027
50+00	5000.00	21.55	73.04	0.00	4.96	0.00	0.00	57	0	3	0	0	9,674	594	0	0	0	9,080
50+29.445	5029.45	29.45	76.42	0.00	2.72	0.00	0.00	81	0	4	0	0	9,755	599	0	0	0	9,156
50+50	5050.00	20.55	76.23	0.00	4.71	0.00	0.00	58	0	3	0	0	9,813	603	0	0	0	9,211
50+80.451	5080.45	30.45	81.20	0.00	5.46	0.00	0.00	89	0	6	0	0	9,902	610	0	0	0	9,292
51+00	5100.00	19.55	80.88	0.00	6.56	0.00	0.00	59	0	4	0	0	9,961	615	0	0	0	9,346
51+31.445	5131.45	31.45	86.35	0.00	11.17	0.00	0.00	97	0	10	0	0	10,058	628	0	0	0	9,431
51+50	5150.00	18.55	88.02	0.00	13.40	0.00	0.00	60	0	8	0	0	10,118	638	0	0	0	9,481
52+00	5200.00	50.00	36.14	0.00	10.35	0.00	0.00	115	0	22	0	0	10,233	665	0	0	0	9,568
52+49.035	5249.04	49.04	31.25	0.00	1.62	0.00	0.00	61	0	11	0	0	10,294	679	0	0	0	9,615
52+50	5250.00	0.96	26.64	0.00	1.68	0.00	0.00	1	0	0	0	0	10,295	679	0	0	0	9,616
52+55	5255.00	5.00	23.96	0.00	1.44	0.00	0.00	5	0	0	0	0	10,300	679	0	0	0	9,621
52+60	5260.00	5.00	25.37	0.00	1.24	0.00	0.00	5	0	0	0	0	10,305	679	0	0	0	9,626
52+65	5265.00	5.00	24.74	0.00	1.44	0.00	0.00	5	0	0	0	0	10,310	679	0	0	0	9,631
52+70	5270.00	5.00	25.40	0.00	1.82	0.00	0.00	5	0	0	0	0	10,315	679	0	0	0	9,636
52+75	5275.00	5.00	28.31	0.00	1.93	0.00	0.00	5	0	0	0	0	10,320	679	0	0	0	9,641

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
52+80	5280.00	5.00	31.28	0.00	1.44	0.00	0.00	6	0	0	0	0	10,326	679	0	0	0	9,647
52+85	5285.00	5.00	29.98	0.00	1.44	0.00	0.00	6	0	0	0	0	10,332	679	0	0	0	9,653
52+90	5290.00	5.00	29.54	0.00	1.09	0.00	0.00	6	0	0	0	0	10,338	679	0	0	0	9,659
52+95	5295.00	5.00	28.72	0.00	0.76	0.00	0.00	5	0	0	0	0	10,343	679	0	0	0	9,664
53+00	5300.00	5.00	27.37	0.00	0.59	0.00	0.00	5	0	0	0	0	10,348	679	0	0	0	9,669
53+05	5305.00	5.00	24.72	0.00	0.64	0.00	0.00	5	0	0	0	0	10,353	679	0	0	0	9,674
53+10	5310.00	5.00	21.38	0.00	0.88	0.00	0.00	4	0	0	0	0	10,357	679	0	0	0	9,678
53+15	5315.00	5.00	19.23	0.00	0.84	0.00	0.00	4	0	0	0	0	10,361	679	0	0	0	9,682
53+20	5320.00	5.00	17.34	0.00	0.32	0.00	0.00	3	0	0	0	0	10,364	679	0	0	0	9,685
53+25	5325.00	5.00	16.11	0.00	1.02	0.00	0.00	3	0	0	0	0	10,367	679	0	0	0	9,688
53+30	5330.00	5.00	20.32	0.00	1.15	0.00	0.00	3	0	0	0	0	10,370	679	0	0	0	9,691
53+35	5335.00	5.00	24.01	0.00	1.29	0.00	0.00	4	0	0	0	0	10,374	679	0	0	0	9,695
53+40	5340.00	5.00	26.97	0.00	1.59	0.00	0.00	5	0	0	0	0	10,379	679	0	0	0	9,700
53+45	5345.00	5.00	25.32	0.00	1.98	0.00	0.00	5	0	0	0	0	10,384	679	0	0	0	9,705
53+50	5350.00	5.00	24.31	0.00	2.24	0.00	0.00	5	0	0	0	0	10,389	679	0	0	0	9,710
53+55	5355.00	5.00	23.07	0.00	2.36	0.00	0.00	4	0	0	0	0	10,393	679	0	0	0	9,714
53+60	5360.00	5.00	23.18	0.00	3.14	0.00	0.00	4	0	1	0	0	10,397	680	0	0	0	9,717
53+65	5365.00	5.00	27.77	0.00	3.04	0.00	0.00	5	0	1	0	0	10,402	681	0	0	0	9,721
53+70	5370.00	5.00	35.70	0.00	3.45	0.00	0.00	6	0	1	0	0	10,408	683	0	0	0	9,726
53+72.782	5372.78	2.78	46.27	0.00	1.94	0.00	0.00	4	0	0	0	0	10,412	683	0	0	0	9,730
54+00	5400.00	27.22	84.36	0.00	8.95	0.00	0.00	66	0	5	0	0	10,478	689	0	0	0	9,789
54+30	5430.00	30.00	57.99	0.00	6.03	0.00	0.00	79	0	8	0	0	10,557	699	0	0	0	9,858
54+50	5450.00	20.00	49.94	0.00	8.35	0.00	0.00	40	0	5	0	0	10,597	705	0	0	0	9,892
54+71.156	5471.16	21.16	45.77	0.00	6.92	0.00	0.00	37	0	6	0	0	10,634	713	0	0	0	9,922
54+95	5495.00	23.84	43.88	0.00	5.18	0.00	0.00	40	0	5	0	0	10,674	719	0	0	0	9,955
55+00	5500.00	5.00	43.94	0.00	5.00	0.00	0.00	8	0	1	0	0	10,682	720	0	0	0	9,962
55+50	5550.00	50.00	53.78	0.00	6.78	0.00	0.00	90	0	11	0	0	10,772	734	0	0	0	10,038
56+00	5600.00	50.00	173.47	0.00	1.52	0.00	0.00	210	0	8	0	0	10,982	744	0	0	0	10,238
56+50	5650.00	50.00	365.88	0.00	2.14	0.00	0.00	499	0	3	0	0	11,481	748	0	0	0	10,734
57+00	5700.00	50.00	438.91	0.00	0.01	0.00	0.00	745	0	2	0	0	12,226	750	0	0	0	11,476
57+12.095	5712.10	12.10	487.46	0.00	0.00	0.00	0.00	207	0	0	0	0	12,433	750	0	0	0	11,683
57+20.574	5720.57	8.48	517.74	0.00	0.00	0.00	0.00	158	0	0	0	0	12,591	750	0	0	0	11,841
57+50	5750.00	29.43	619.76	0.00	0.00	342.16	0.00	620	0	0	186	0	13,211	494	205	0	0	12,717
57+50.238	5750.24	0.24	620.64	0.00	0.00	342.01	0.00	5	0	0	3	0	13,216	490	208	0	0	12,726
58+00	5800.00	49.76	675.86	0.00	0.00	258.21	0.00	1,195	0	0	553	0	14,411	-270	816	0	0	14,681
58+50	5850.00	50.00	632.78	0.00	0.00	186.95	0.00	1,212	0	0	412	0	15,623	-837	1,269	0	0	16,460
58+52.393	5852.39	2.39	656.69	0.00	0.00	184.95	0.00	57	0	0	16	0	15,680	-859	1,287	0	0	16,539
59+00	5900.00	47.61	457.33	0.00	0.00	114.36	0.00	982	0	0	264	0	16,662	-1,222	1,577	0	0	17,884
59+50	5950.00	50.00	338.75	0.00	0.00	3.52	0.00	737	0	0	109	0	17,399	-1,372	1,697	0	0	18,771
59+54.548	5954.55	4.55	328.87	0.00	0.00	1.53	0.00	56	0	0	0	0	17,455	-1,372	1,697	0	0	18,827
59+84.212	5984.21	29.66	283.22	0.00	0.00	0.00	0.00	336	0	0	1	0	17,791	-1,373	1,698	0	0	19,164
59+92.691	5992.69	8.48	270.49	0.00	0.00	0.00	0.00	87	0	0	0	0	17,878	-1,373	1,698	0	0	19,251
60+00	6000.00	7.31	259.97	0.00	0.73	0.00	0.00	72	0	0	0	0	17,950	-1,373	1,698	0	0	19,323
60+43.548	6043.55	43.55	204.34	0.00	4.11	0.00	0.00	374	0	4	0	0	18,324	-1,368	1,698	0	0	19,692
60+50	6050.00	6.45	196.97	0.00	4.17	0.00	0.00	48	0	1	0	0	18,372	-1,367	1,698	0	0	19,739
60+94.406	6094.41	44.41	234.70	0.00	10.33	0.00	0.00	355	0	12	0	0	18,727	-1,352	1,698	0	0	20,079
60+99.627	6099.63	5.22	260.77	0.00	11.41	0.00	0.00	48	0	2	0	0	18,775	-1,349	1,698	0	0	20,124
61+00	6100.00	0.37	262.82	0.00	11.48	0.00	0.00	4	0	0	0	0	18,779	-1,349	1,698	0	0	20,128
61+50	6150.00	50.00	364.39	0.00	9.47	0.00	0.00	581	0	19	0	0	19,360	-1,326	1,698	0	0	20,686
61+50.627	6150.63	0.63	365.78	0.00	9.42	0.00	0.00	8	0	0	0	0	19,368	-1,326	1,698	0	0	20,694
62+00	6200.00	49.37	311.21	0.00	0.56	0.00	0.00	619	0	9	0	0	19,987	-1,314	1,698	0	0	21,301
62+01.627	6201.63	1.63	303.46	0.00	0.55	0.00	0.00	19	0	0	0	0	20,006	-1,314	1,698	0	0	21,320
62+50	6250.00	48.37	204.33	0.00	0.00	0.00	0.00	455	0	0	0	0	20,461	-1,314	1,698	0	0	21,775
62+52.632	6252.63	2.63	207.63	0.00	0.00	0.00	0.00	20	0	0	0	0	20,481	-1,314	1,698	0	0	21,795
63+00	6300.00	47.37	193.65	0.00	0.64	0.00	0.00	352	0	1	0	0	20,833	-1,313	1,698	0	0	22,146
63+03.627	6303.63	3.63	189.37	0.00	0.15	0.00	0.00	26	0	0	0	0	20,859	-1,313	1,698	0	0	22,172
63+50	6350.00	46.37	123.77	0.00	0.50	0.00	0.00	269	0	1	0	0	21,128	-1,312	1,698	0	0	22,440
64+00	6400.00	50.00	97.21	0.00	11.33	0.00	0.00	205	0	11	0	0	21,333	-1,298	1,698	0	0	22,631
64+50	6450.00	50.00	126.08	0.00	8.69	0.00	0.00	207	0	19	0	0	21,540	-1,274	1,698	0	0	22,814
65+00	6500.00	50.00	115.96	0.00	53.49	0.00	0.00	224	0	58	0	0	21,764	-1,202	1,698	0	0	22,966
65+50	6550.00	50.00	145.62	0.00	29.89	0.00	0.00	242	0	77	0	0	22,006	-1,106	1,698	0	0	23,112
66+00	6600.00	50.00	177.24	0.00	10.72	0.00	0.00	299	0	38	0	0	22,305	-1,058	1,698	0	0	23,363
66+05.756	6605.76	5.76	116.66	0.00	9.83	0.00	0.00	31	0	2	0	0	22,336	-1,056	1,698	0	0	23,392
66+50	6650.00	44.24	161.09	0.00	5.96	0.00	0.00	228	0	13	0	0	22,564	-1,039	1,698	0	0	23,603
67+00	6700.00	50.00	222.93	0.00	0.47	0.00	0.00	356	0	6	0	0	22,920	-1,032	1,698	0	0	23,952
67+50	6750.00	50.00	245.93	0.00	0.02	0.00	0.00	434	0	0	0	0	23,354	-1,032	1,698	0	0	24,386
68+00	6800.00	50.00	251.02	0.00	0.01	0.00	0.00	460	0	0	0	0	23,814	-1,032	1,698	0	0	24,846
68+50	6850.00	50.00	256.27	0.00	0.02	0.00	0.00	470	0	0	0	0	24,284	-1,032	1,698	0	0	25,316
69+00	6900.00	50.00	255.85	0.00	0.00	0.00	0.00	474	0	0	0	0	24,758	-1,032	1,698	0	0	25,790
69+07.886	6907.89	7.89	255.88	0.00	0.01	0.00	0.00	75	0	0	0	0	24,833	-1,032	1,698	0	0	25,865
69+50	6950.00	42.11	246.03	0.00	0.00	0.00	0.00	391	0	0	0	0	25,224	-1,032	1,698	0	0	26,256

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
69+58.881	6958.88	8.88	241.20	0.00	0.00	0.00	0.00	80	0	0	0	0	25,304	-1,032	1,698	0	0	26,336
70+00	7000.00	41.12	218.02	0.00	0.00	0.00	0.00	350	0	0	0	0	25,654	-1,032	1,698	0	0	26,686
70+09.886	7009.89	9.89	200.34	0.00	0.00	0.00	0.00	77	0	0	0	0	25,731	-1,032	1,698	0	0	26,763
70+50	7050.00	40.11	203.56	0.00	0.16	0.00	0.00	300	0	0	0	0	26,031	-1,032	1,698	0	0	27,063
70+60.886	7060.89	10.89	198.04	0.00	0.66	0.00	0.00	81	0	0	0	0	26,112	-1,032	1,698	0	0	27,144
71+00	7100.00	39.11	184.75	0.00	0.00	0.00	0.00	277	0	0	0	0	26,389	-1,032	1,698	0	0	27,421
71+11.886	7111.89	11.89	114.34	0.00	1.65	0.00	0.00	66	0	0	0	0	26,455	-1,032	1,698	0	0	27,487
71+50	7150.00	38.11	112.48	0.00	0.64	0.00	0.00	160	0	2	0	0	26,615	-1,029	1,698	0	0	27,644
72+00	7200.00	50.00	113.51	0.00	0.48	0.00	0.00	209	0	1	0	0	26,824	-1,028	1,698	0	0	27,852
72+50	7250.00	50.00	118.39	0.00	0.84	0.00	0.00	215	0	1	0	0	27,039	-1,027	1,698	0	0	28,066
73+00	7300.00	50.00	91.02	0.00	2.20	0.00	0.00	194	0	3	0	0	27,233	-1,023	1,698	0	0	28,256
73+50	7350.00	50.00	93.63	0.00	6.73	0.00	0.00	171	0	8	0	0	27,404	-1,013	1,698	0	0	28,417
74+00	7400.00	50.00	80.12	0.00	12.12	0.00	0.00	161	0	17	0	0	27,565	-992	1,698	0	0	28,557
74+50	7450.00	50.00	74.70	0.00	14.62	0.00	0.00	143	0	25	0	0	27,708	-961	1,698	0	0	28,669
75+00	7500.00	50.00	75.69	0.00	21.55	0.00	0.00	139	0	33	0	0	27,847	-919	1,698	0	0	28,766
75+50	7550.00	50.00	71.57	0.00	68.47	0.00	0.00	136	0	83	0	0	27,983	-816	1,698	0	0	28,799
76+00	7600.00	50.00	76.47	0.00	57.37	0.00	0.00	137	0	117	0	0	28,120	-669	1,698	0	0	28,789
76+50	7650.00	50.00	86.03	0.00	10.21	0.00	0.00	150	0	63	0	0	28,270	-591	1,698	0	0	28,861
77+00	7700.00	50.00	91.08	0.00	4.30	0.00	0.00	164	0	13	0	0	28,434	-574	1,698	0	0	29,008
77+50	7750.00	50.00	91.12	0.00	2.55	0.00	0.00	169	0	6	0	0	28,603	-567	1,698	0	0	29,170
78+00	7800.00	50.00	89.83	0.00	3.14	0.00	0.00	168	0	5	0	0	28,771	-561	1,698	0	0	29,332
78+50	7850.00	50.00	91.07	0.00	3.12	0.00	0.00	167	0	6	0	0	28,938	-553	1,698	0	0	29,491
79+00	7900.00	50.00	85.42	0.00	4.68	0.00	0.00	163	0	7	0	0	29,101	-544	1,698	0	0	29,645
79+50	7950.00	50.00	80.82	0.00	5.18	0.00	0.00	154	0	9	0	0	29,255	-533	1,698	0	0	29,788
80+00	8000.00	50.00	77.42	0.00	5.30	0.00	0.00	147	0	10	0	0	29,402	-521	1,698	0	0	29,923
80+50	8050.00	50.00	66.69	0.00	5.49	0.00	0.00	133	0	10	0	0	29,535	-508	1,698	0	0	30,043
81+00	8100.00	50.00	63.26	0.00	4.91	0.00	0.00	120	0	10	0	0	29,655	-496	1,698	0	0	30,151
81+50	8150.00	50.00	41.61	0.00	1.19	0.00	0.00	97	0	6	0	0	29,752	-488	1,698	0	0	30,240
82+00	8200.00	50.00	36.74	0.00	9.61	0.00	0.00	73	0	10	0	0	29,825	-476	1,698	0	0	30,301
82+50	8250.00	50.00	40.41	0.00	3.14	0.00	0.00	71	0	12	0	0	29,896	-461	1,698	0	0	30,357
83+00	8300.00	50.00	41.99	0.00	3.74	0.00	0.00	76	0	6	0	0	29,972	-453	1,698	0	0	30,425
83+50	8350.00	50.00	40.65	0.00	5.58	0.00	0.00	77	0	9	0	0	30,049	-442	1,698	0	0	30,491
84+00	8400.00	50.00	40.65	0.00	6.43	0.00	0.00	75	0	11	0	0	30,124	-428	1,698	0	0	30,552
84+50	8450.00	50.00	45.31	0.00	7.11	0.00	0.00	80	0	13	0	0	30,204	-412	1,698	0	0	30,616
84+85.027	8485.03	35.03	52.20	0.00	8.61	0.00	0.00	63	0	10	0	0	30,267	-399	1,698	0	0	30,666
85+00	8500.00	14.97	53.27	0.00	8.92	0.00	0.00	29	0	5	0	0	30,296	-393	1,698	0	0	30,689
85+29.107	8529.11	29.11	56.89	0.00	9.16	0.00	0.00	59	0	10	0	0	30,355	-381	1,698	0	0	30,736
85+50	8550.00	20.89	62.54	0.00	9.06	0.00	0.00	46	0	7	0	0	30,401	-372	1,698	0	0	30,773
85+73.187	8573.19	23.19	63.19	0.00	9.76	0.00	0.00	54	0	8	0	0	30,455	-362	1,698	0	0	30,817
86+00	8600.00	26.81	63.51	0.00	10.40	0.00	0.00	63	0	10	0	0	30,518	-349	1,698	0	0	30,867
86+50	8650.00	50.00	65.37	0.00	8.26	0.00	0.00	119	0	17	0	0	30,637	-328	1,698	0	0	30,965
87+00	8700.00	50.00	56.86	0.00	6.13	0.00	0.00	113	0	13	0	0	30,750	-312	1,698	0	0	31,062
87+50	8750.00	50.00	49.03	0.00	6.46	0.00	0.00	98	0	12	0	0	30,848	-297	1,698	0	0	31,145
88+00	8800.00	50.00	38.72	0.00	9.15	0.00	0.00	81	0	14	0	0	30,929	-279	1,698	0	0	31,208
88+50	8850.00	50.00	42.95	0.00	7.27	0.00	0.00	76	0	15	0	0	31,005	-261	1,698	0	0	31,266
89+00	8900.00	50.00	47.40	0.00	7.25	0.00	0.00	84	0	13	0	0	31,089	-244	1,698	0	0	31,333
89+50	8950.00	50.00	41.68	0.00	5.14	0.00	0.00	82	0	11	0	0	31,171	-231	1,698	0	0	31,402
90+00	9000.00	50.00	40.48	0.00	3.01	0.00	0.00	76	0	8	0	0	31,247	-221	1,698	0	0	31,468
90+50	9050.00	50.00	41.60	0.00	3.00	0.00	0.00	76	0	6	0	0	31,323	-213	1,698	0	0	31,536
91+00	9100.00	50.00	41.73	0.00	2.25	0.00	0.00	77	0	5	0	0	31,400	-207	1,698	0	0	31,607
91+50	9150.00	50.00	46.49	0.00	2.89	0.00	0.00	82	0	5	0	0	31,482	-201	1,698	0	0	31,683
92+00	9200.00	50.00	49.19	0.00	1.76	0.00	0.00	89	0	4	0	0	31,571	-196	1,698	0	0	31,767
92+50	9250.00	50.00	48.72	0.00	2.70	0.00	0.00	91	0	4	0	0	31,662	-191	1,698	0	0	31,853
93+00	9300.00	50.00	54.09	0.00	2.15	0.00	0.00	95	0	4	0	0	31,757	-186	1,698	0	0	31,943
93+50	9350.00	50.00	57.38	0.00	2.28	0.00	0.00	103	0	4	0	0	31,860	-181	1,698	0	0	32,041
94+00	9400.00	50.00	62.89	0.00	1.05	0.00	0.00	111	0	3	0	0	31,971	-177	1,698	0	0	32,148
94+50	9450.00	50.00	65.12	0.00	0.93	0.00	0.00	119	0	2	0	0	32,090	-174	1,698	0	0	32,264
95+00	9500.00	50.00	74.27	0.00	0.02	0.00	0.00	129	0	1	0	0	32,219	-173	1,698	0	0	32,392
95+50	9550.00	50.00	59.24	0.00	0.68	0.00	0.00	124	0	1	0	0	32,343	-172	1,698	0	0	32,515
96+00	9600.00	50.00	63.30	0.00	0.54	0.00	0.00	113	0	1	0	0	32,456	-171	1,698	0	0	32,627
96+50	9650.00	50.00	63.77	0.00	1.01	0.00	0.00	118	0	1	0	0	32,574	-169	1,698	0	0	32,743
97+00	9700.00	50.00	64.21	0.00	1.64	0.00	0.00	118	0	2	0	0	32,692	-167	1,698	0	0	32,859
97+50	9750.00	50.00	60.94	0.00	1.71	0.00	0.00	116	0	3	0	0	32,808	-163	1,698	0	0	32,971
98+00	9800.00	50.00	59.37	0.00	1.41	0.00	0.00	111	0	3	0	0	32,919	-159	1,698	0	0	33,078
98+50	9850.00	50.00	57.22	0.00	1.82	0.00	0.00	108	0	3	0	0	33,027	-156	1,698	0	0	33,183
99+00	9900.00	50.00	55.72	0.00	0.88	0.00	0.00	105	0	3	0	0	33,132	-152	1,698	0	0	33,284
99+50	9950.00	50.00	57.74	0.00	0.13	0.00	0.00	105	0	1	0	0	33,237	-151	1,698	0	0	33,388
100+00	10000.00	50.00	66.64	0.00	0.03	0.00	0.00	115	0	0	0	0	33,352	-151	1,698	0	0	33,503
100+50	10050.00	50.00	62.54	0.00	0.40	0.00	0.00	120	0	0	0	0	33,472	-151	1,698	0	0	33,623
101+00	10100.00	50.00	53.68	0.00	0.66	0.00	0.00	108	0	1	0	0	33,580	-149	1,698	0	0	33,729
101+50	10150.00	50.00	43.00	0.00	0.84	0.00	0.00	90	0	1	0	0	33,670	-148	1,698	0	0	33,818

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
102+00	10200.00	50.00	35.14	0.00	2.72	0.00	0.00	72	0	3	0	0	33,742	-144	1,698	0	0	33,886
102+50	10250.00	50.00	36.64	0.00	2.36	0.00	0.00	66	0	5	0	0	33,808	-138	1,698	0	0	33,946
103+00	10300.00	50.00	40.91	0.00	3.68	0.00	0.00	72	0	6	0	0	33,880	-131	1,698	0	0	34,011
103+50	10350.00	50.00	55.18	0.00	1.11	0.00	0.00	89	0	4	0	0	33,969	-126	1,698	0	0	34,095
104+00	10400.00	50.00	48.86	0.00	2.08	0.00	0.00	96	0	3	0	0	34,065	-122	1,698	0	0	34,187
104+50	10450.00	50.00	43.10	0.00	0.79	0.00	0.00	85	0	3	0	0	34,150	-118	1,698	0	0	34,268
105+00	10500.00	50.00	65.18	0.00	0.57	0.00	0.00	100	0	1	0	0	34,250	-117	1,698	0	0	34,367
105+13.594	10513.59	13.59	69.53	0.00	0.00	0.00	0.00	34	0	0	0	0	34,284	-117	1,698	0	0	34,401
105+50	10550.00	36.41	86.45	0.00	0.00	0.00	0.00	105	0	0	0	0	34,389	-117	1,698	0	0	34,506
106+00	10600.00	50.00	92.84	0.00	0.20	0.00	0.00	166	0	0	0	0	34,555	-117	1,698	0	0	34,672
106+50	10650.00	50.00	75.28	0.00	0.47	0.00	0.00	156	0	1	0	0	34,711	-116	1,698	0	0	34,827
107+00	10700.00	50.00	65.13	0.00	2.90	0.00	0.00	130	0	3	0	0	34,841	-112	1,698	0	0	34,953
107+50	10750.00	50.00	67.44	0.00	2.76	0.00	0.00	123	0	5	0	0	34,964	-106	1,698	0	0	35,070
108+00	10800.00	50.00	68.80	0.00	0.71	0.00	0.00	126	0	3	0	0	35,090	-102	1,698	0	0	35,192
108+01.804	10801.80	1.80	70.45	0.00	0.00	0.00	0.00	5	0	0	0	0	35,095	-102	1,698	0	0	35,197
108+50	10850.00	48.20	44.47	0.00	2.64	0.00	0.00	103	0	2	0	0	35,198	-99	1,698	0	0	35,297
109+00	10900.00	50.00	65.85	0.00	1.30	0.00	0.00	102	0	4	0	0	35,300	-94	1,698	0	0	35,394
109+50	10950.00	50.00	65.07	0.00	1.39	0.00	0.00	121	0	2	0	0	35,421	-92	1,698	0	0	35,513
110+00	11000.00	50.00	63.95	0.00	1.31	0.00	0.00	119	0	2	0	0	35,540	-89	1,698	0	0	35,629
110+50	11050.00	50.00	56.26	0.00	1.82	0.00	0.00	111	0	3	0	0	35,651	-86	1,698	0	0	35,737
110+90.014	11090.01	40.01	49.66	0.00	1.38	0.00	0.00	78	0	2	0	0	35,729	-83	1,698	0	0	35,812
111+00	11100.00	9.99	49.19	0.00	1.31	0.00	0.00	18	0	0	0	0	35,747	-83	1,698	0	0	35,830
111+50	11150.00	50.00	44.36	0.00	1.78	0.00	0.00	87	0	3	0	0	35,834	-79	1,698	0	0	35,913
112+00	11200.00	50.00	43.23	0.00	2.90	0.00	0.00	81	0	4	0	0	35,915	-74	1,698	0	0	35,989
112+50	11250.00	50.00	43.74	0.00	3.93	0.00	0.00	81	0	6	0	0	35,996	-67	1,698	0	0	36,063
113+00	11300.00	50.00	41.52	0.00	5.22	0.00	0.00	79	0	8	0	0	36,075	-57	1,698	0	0	36,132
113+50	11350.00	50.00	42.57	0.00	4.40	0.00	0.00	78	0	9	0	0	36,153	-46	1,698	0	0	36,199
114+00	11400.00	50.00	40.51	0.00	4.40	0.00	0.00	77	0	8	0	0	36,230	-36	1,698	0	0	36,266
114+50	11450.00	50.00	44.74	0.00	0.93	0.00	0.00	79	0	5	0	0	36,309	-29	1,698	0	0	36,338
115+00	11500.00	50.00	44.64	0.00	2.40	0.00	0.00	83	0	3	0	0	36,392	-26	1,698	0	0	36,418
115+50	11550.00	50.00	43.51	0.00	3.32	0.00	0.00	82	0	5	0	0	36,474	-19	1,698	0	0	36,493
116+00	11600.00	50.00	32.91	0.00	5.65	0.00	0.00	71	0	8	0	0	36,545	-9	1,698	0	0	36,554
116+38.217	11638.22	38.22	44.45	0.00	3.98	0.00	0.00	55	0	7	0	0	36,600	-1	1,698	0	0	36,601
116+50	11650.00	11.78	45.11	0.00	4.21	0.00	0.00	20	0	2	0	0	36,620	2	1,698	0	0	36,618
117+00	11700.00	50.00	50.24	0.00	2.05	0.00	0.00	88	0	6	0	0	36,708	9	1,698	0	0	36,699
117+50	11750.00	50.00	47.47	0.00	0.95	0.00	0.00	90	0	3	0	0	36,798	13	1,698	0	0	36,785
118+00	11800.00	50.00	44.26	0.00	1.91	0.00	0.00	85	0	3	0	0	36,883	17	1,698	0	0	36,866
118+50	11850.00	50.00	42.95	0.00	4.04	0.00	0.00	81	0	6	0	0	36,964	24	1,698	0	0	36,940
119+00	11900.00	50.00	47.33	0.00	2.07	0.00	0.00	84	0	6	0	0	37,048	32	1,698	0	0	37,016
119+50	11950.00	50.00	41.11	0.00	3.51	0.00	0.00	82	0	5	0	0	37,130	38	1,698	0	0	37,092
120+00	12000.00	50.00	43.37	0.00	10.35	0.00	0.00	78	0	13	0	0	37,208	54	1,698	0	0	37,154
120+50	12050.00	50.00	55.34	0.00	12.13	0.00	0.00	91	0	21	0	0	37,299	81	1,698	0	0	37,218
121+00	12100.00	50.00	73.76	0.00	2.54	0.00	0.00	120	0	14	0	0	37,419	98	1,698	0	0	37,321
121+50	12150.00	50.00	59.54	0.00	9.60	0.00	0.00	123	0	11	0	0	37,542	112	1,698	0	0	37,430
122+00	12200.00	50.00	57.85	0.00	13.84	0.00	0.00	109	0	22	0	0	37,651	140	1,698	0	0	37,512
122+50	12250.00	50.00	44.76	0.00	13.69	0.00	0.00	95	0	25	0	0	37,746	171	1,698	0	0	37,575
123+00	12300.00	50.00	36.14	0.00	10.88	0.00	0.00	75	0	23	0	0	37,821	200	1,698	0	0	37,622
123+50	12350.00	50.00	39.93	0.00	5.36	0.00	0.00	70	0	15	0	0	37,891	218	1,698	0	0	37,673
124+00	12400.00	50.00	39.42	0.00	2.25	0.00	0.00	73	0	7	0	0	37,964	227	1,698	0	0	37,737
124+50	12450.00	50.00	37.40	0.00	1.67	0.00	0.00	71	0	4	0	0	38,035	232	1,698	0	0	37,803
125+00	12500.00	50.00	35.89	0.00	2.43	0.00	0.00	68	0	4	0	0	38,103	237	1,698	0	0	37,866
125+42.773	12542.77	42.77	35.24	0.00	2.56	0.00	0.00	56	0	4	0	0	38,159	242	1,698	0	0	37,917
125+50	12550.00	7.23	35.91	0.00	2.48	0.00	0.00	10	0	1	0	0	38,169	243	1,698	0	0	37,926
126+00	12600.00	50.00	39.68	0.00	1.18	0.00	0.00	70	0	3	0	0	38,239	247	1,698	0	0	37,992
126+50	12650.00	50.00	49.90	0.00	0.00	0.00	0.00	83	0	1	0	0	38,322	248	1,698	0	0	38,074
127+00	12700.00	50.00	52.05	0.00	0.98	0.00	0.00	94	0	1	0	0	38,416	250	1,698	0	0	38,167
127+50	12750.00	50.00	57.74	0.00	1.47	0.00	0.00	102	0	2	0	0	38,518	252	1,698	0	0	38,266
128+00	12800.00	50.00	58.58	0.00	1.68	0.00	0.00	108	0	3	0	0	38,626	256	1,698	0	0	38,370
128+50	12850.00	50.00	45.91	0.00	4.61	0.00	0.00	97	0	6	0	0	38,723	263	1,698	0	0	38,460
129+00	12900.00	50.00	32.18	0.00	11.10	0.00	0.00	72	0	15	0	0	38,795	282	1,698	0	0	38,513
129+50	12950.00	50.00	23.44	0.00	27.98	0.00	0.00	51	0	36	0	0	38,846	327	1,698	0	0	38,519
130+00	13000.00	50.00	28.54	0.00	21.59	0.00	0.00	48	0	46	0	0	38,894	385	1,698	0	0	38,510
130+50	13050.00	50.00	22.08	0.00	33.09	0.00	0.00	47	0	51	0	0	38,941	448	1,698	0	0	38,493
131+00	13100.00	50.00	20.37	0.00	28.49	0.00	0.00	39	0	57	0	0	38,980	520	1,698	0	0	38,461
131+50	13150.00	50.00	33.57	0.00	13.46	0.00	0.00	50	0	39	0	0	39,030	568	1,698	0	0	38,462
132+00	13200.00	50.00	66.66	0.00	5.29	0.00	0.00	93	0	17	0	0	39,123	590	1,698	0	0	38,534
132+50	13250.00	50.00	74.56	0.00	3.82	0.00	0.00	131	0	8	0	0	39,254	600	1,698	0	0	38,655
133+00	13300.00	50.00	79.16	0.00	0.88	0.00	0.00	142	0	4	0	0	39,396	605	1,698	0	0	38,792
133+50	13350.00	50.00	74.31	0.00	0.68	0.00	0.00	142	0	1	0	0	39,538	606	1,698	0	0	38,932
134+00	13400.00	50.00	50.46	0.00	4.18	0.00	0.00	116	0	5	0	0	39,654	612	1,698	0	0	39,042
134+37.826	13437.83	37.83	43.85	0.00	6.90	0.00	0.00	66	0	8	0	0	39,720	622	1,698	0	0	39,098

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
134+50	13450.00	12.17	44.62	0.00	2.82	0.00	0.00	20	0	2	0	0	39,740	625	1,698	0	0	39,116
135+00	13500.00	50.00	42.52	0.00	0.71	0.00	0.00	81	0	3	0	0	39,821	628	1,698	0	0	39,193
135+50	13550.00	50.00	38.39	0.00	2.68	0.00	0.00	75	0	3	0	0	39,896	632	1,698	0	0	39,264
136+00	13600.00	50.00	34.91	0.00	1.74	0.00	0.00	68	0	4	0	0	39,964	637	1,698	0	0	39,327
136+50	13650.00	50.00	42.13	0.00	0.11	0.00	0.00	71	0	2	0	0	40,035	640	1,698	0	0	39,396
137+00	13700.00	50.00	47.52	0.00	0.20	0.00	0.00	83	0	0	0	0	40,118	640	1,698	0	0	39,479
137+50	13750.00	50.00	33.44	0.00	1.23	0.00	0.00	75	0	1	0	0	40,193	641	1,698	0	0	39,552
138+00	13800.00	50.00	33.07	0.00	3.87	0.00	0.00	62	0	5	0	0	40,255	647	1,698	0	0	39,608
138+50	13850.00	50.00	34.02	0.00	3.52	0.00	0.00	62	0	7	0	0	40,317	656	1,698	0	0	39,661
138+76.078	13876.08	26.08	33.90	0.00	4.05	0.00	0.00	33	0	4	0	0	40,350	661	1,698	0	0	39,689
139+00	13900.00	23.92	32.31	0.00	4.38	0.00	0.00	29	0	4	0	0	40,379	666	1,698	0	0	39,713
139+50	13950.00	50.00	32.79	0.00	4.46	0.00	0.00	60	0	8	0	0	40,439	676	1,698	0	0	39,763
140+00	14000.00	50.00	35.65	0.00	3.09	0.00	0.00	63	0	7	0	0	40,502	685	1,698	0	0	39,818
140+50	14050.00	50.00	32.70	0.00	3.34	0.00	0.00	63	0	6	0	0	40,565	692	1,698	0	0	39,873
141+00	14100.00	50.00	36.18	0.00	6.20	0.00	0.00	64	0	9	0	0	40,629	703	1,698	0	0	39,926
141+50	14150.00	50.00	48.39	0.00	4.09	0.00	0.00	78	0	10	0	0	40,707	716	1,698	0	0	39,991
142+00	14200.00	50.00	50.25	0.00	0.99	0.00	0.00	91	0	5	0	0	40,798	722	1,698	0	0	40,076
142+50	14250.00	50.00	49.90	0.00	1.23	0.00	0.00	93	0	2	0	0	40,891	725	1,698	0	0	40,167
143+00	14300.00	50.00	48.71	0.00	8.41	0.00	0.00	91	0	9	0	0	40,982	736	1,698	0	0	40,246
143+14.33	14314.33	14.33	49.99	0.00	10.53	0.00	0.00	26	0	5	0	0	41,008	742	1,698	0	0	40,266
143+50	14350.00	35.67	51.84	0.00	31.90	0.00	0.00	67	0	28	0	0	41,075	777	1,698	0	0	40,298
143+76.886	14376.89	26.89	53.21	0.00	19.52	0.00	0.00	52	0	26	0	0	41,127	810	1,698	0	0	40,318
144+00	14400.00	23.11	52.17	0.00	19.27	0.00	0.00	45	0	17	0	0	41,172	831	1,698	0	0	40,341
144+27.743	14427.74	27.74	48.81	0.00	29.33	0.00	0.00	52	0	25	0	0	41,224	862	1,698	0	0	40,362
144+50	14450.00	22.26	47.95	0.00	41.34	0.00	0.00	40	0	29	0	0	41,264	898	1,698	0	0	40,366
144+78.6	14478.60	28.60	43.24	0.00	47.40	0.00	0.00	48	0	47	0	0	41,312	957	1,698	0	0	40,355
144+87.079	14487.08	8.48	44.92	0.00	45.80	0.00	0.00	14	0	15	0	0	41,326	976	1,698	0	0	40,350
145+00	14500.00	12.92	44.57	0.00	43.48	0.00	0.00	21	0	21	0	0	41,347	1,002	1,698	0	0	40,345
145+16.743	14516.74	16.74	44.32	0.00	41.66	0.00	0.00	28	0	26	0	0	41,375	1,035	1,698	0	0	40,341
145+50	14550.00	33.26	34.47	0.00	39.34	0.00	0.00	49	0	50	0	0	41,424	1,097	1,698	0	0	40,327
145+57.259	14557.26	7.26	40.84	0.00	38.68	0.00	0.00	10	0	10	0	0	41,434	1,110	1,698	0	0	40,325
145+97.774	14597.77	40.52	39.36	0.00	41.93	0.00	0.00	60	0	60	0	0	41,494	1,185	1,698	0	0	40,310
146+00	14600.00	2.23	38.77	0.00	42.02	0.00	0.00	3	0	3	0	0	41,497	1,188	1,698	0	0	40,309
146+27.438	14627.44	27.44	25.21	0.00	40.63	0.00	0.00	33	0	42	0	0	41,530	1,241	1,698	0	0	40,289
146+35.917	14635.92	8.48	23.00	0.00	42.20	0.00	0.00	8	0	13	0	0	41,538	1,257	1,698	0	0	40,281
146+50	14650.00	14.08	23.12	0.00	40.30	0.00	0.00	12	0	22	0	0	41,550	1,285	1,698	0	0	40,266
146+65	14665.00	15.00	24.99	0.00	43.62	0.00	0.00	13	0	23	0	0	41,563	1,313	1,698	0	0	40,250
147+00	14700.00	35.00	27.16	0.00	29.41	0.00	0.00	34	0	47	0	0	41,597	1,372	1,698	0	0	40,225
147+02	14702.00	2.00	27.70	0.00	28.07	0.00	0.00	2	0	2	0	0	41,599	1,375	1,698	0	0	40,225
147+40	14740.00	38.00	32.86	0.00	14.31	0.00	0.00	43	0	30	0	0	41,642	1,412	1,698	0	0	40,230
147+50	14750.00	10.00	34.28	0.00	12.85	0.00	0.00	12	0	5	0	0	41,654	1,418	1,698	0	0	40,236
147+78.293	14778.29	28.29	37.32	0.00	12.21	0.00	0.00	38	0	13	0	0	41,692	1,435	1,698	0	0	40,258
147+93.72	14793.72	15.43	43.27	0.00	10.11	0.00	0.00	23	0	6	0	0	41,715	1,442	1,698	0	0	40,273
147+96.291	14796.29	2.57	43.34	0.00	10.14	0.00	0.00	4	0	1	0	0	41,719	1,443	1,698	0	0	40,276
148+00	14800.00	3.71	42.39	0.00	9.88	0.00	0.00	6	0	1	0	0	41,725	1,445	1,698	0	0	40,281
148+50	14850.00	50.00	65.33	0.00	13.16	0.00	0.00	100	0	21	0	0	41,825	1,471	1,698	0	0	40,354
148+88.64	14888.64	38.64	77.15	0.00	20.66	0.00	0.00	102	0	24	0	0	41,927	1,501	1,698	0	0	40,426
149+00	14900.00	11.36	78.41	0.00	21.98	0.00	0.00	33	0	9	0	0	41,960	1,512	1,698	0	0	40,448
149+50	14950.00	50.00	76.12	0.00	21.69	0.00	0.00	143	0	40	0	0	42,103	1,562	1,698	0	0	40,541
149+80.989	14980.99	30.99	75.63	0.00	30.49	0.00	0.00	87	0	30	0	0	42,190	1,600	1,698	0	0	40,591
149+83.56	14983.56	2.57	74.57	0.00	36.61	0.00	0.00	7	0	3	0	0	42,197	1,603	1,698	0	0	40,594
149+98.987	14998.99	15.43	75.67	0.00	22.86	0.00	0.00	43	0	17	0	0	42,240	1,625	1,698	0	0	40,616
150+00	15000.00	1.01	75.62	0.00	22.30	0.00	0.00	3	0	1	0	0	42,243	1,626	1,698	0	0	40,617
150+34.989	15034.99	34.99	70.67	0.00	12.94	0.00	0.00	95	0	23	0	0	42,338	1,655	1,698	0	0	40,684
150+50	15050.00	15.01	66.39	0.00	10.33	0.00	0.00	38	0	6	0	0	42,376	1,662	1,698	0	0	40,714
150+86.417	15086.42	36.42	33.36	0.00	8.67	0.00	0.00	67	0	13	0	0	42,443	1,678	1,698	0	0	40,765
151+00	15100.00	13.58	44.79	0.00	5.54	0.00	0.00	20	0	4	0	0	42,463	1,683	1,698	0	0	40,780
151+50	15150.00	50.00	71.12	0.00	9.75	0.00	0.00	107	0	14	0	0	42,570	1,701	1,698	0	0	40,869
152+00	15200.00	50.00	79.20	0.00	12.02	0.00	0.00	139	0	20	0	0	42,709	1,726	1,698	0	0	40,983
152+50	15250.00	50.00	75.54	0.00	9.13	0.00	0.00	143	0	20	0	0	42,852	1,751	1,698	0	0	41,101
153+00	15300.00	50.00	71.07	0.00	9.70	0.00	0.00	136	0	17	0	0	42,988	1,772	1,698	0	0	41,216
153+50	15350.00	50.00	65.86	0.00	8.57	0.00	0.00	127	0	17	0	0	43,115	1,793	1,698	0	0	41,322
154+00	15400.00	50.00	55.48	0.00	3.58	0.00	0.00	112	0	11	0	0	43,227	1,807	1,698	0	0	41,420
154+50	15450.00	50.00	77.17	0.00	0.05	0.00	0.00	123	0	3	0	0	43,350	1,811	1,698	0	0	41,539
154+84.334	15484.33	34.33	81.86	0.00	0.00	0.00	0.00	101	0	0	0	0	43,451	1,811	1,698	0	0	41,640
155+00	15500.00	15.67	82.13	0.00	0.00	0.00	0.00	48	0	0	0	0	43,499	1,811	1,698	0	0	41,688
155+35.334	15535.33	35.33	74.15	0.00	0.00	0.00	0.00	102	0	0	0	0	43,601	1,811	1,698	0	0	41,790
155+50	15550.00	14.67	70.91	0.00	0.32	0.00	0.00	39	0	0	0	0	43,640	1,811	1,698	0	0	41,829
155+86.334	15586.33	36.33	60.61	0.00	1.71	0.00	0.00	88	0	1	0	0	43,728	1,812	1,698	0	0	41,916
156+00	15600.00	13.67	54.20	0.00	2.39	0.00	0.00	29	0	1	0	0	43,757	1,813	1,698	0	0	41,944
156+37.339	15637.34	37.34	35.36	0.00	5.97	0.00	0.00	62	0	6	0	0	43,819	1,821	1,698	0	0	41,998

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
156+50	15650.00	12.66	34.52	0.00	7.69	0.00	0.00	16	0	3	0	0	43,835	1,825	1,698	0	0	42,011
156+88.334	15688.33	38.33	41.76	0.00	11.58	0.00	0.00	54	0	14	0	0	43,889	1,842	1,698	0	0	42,047
157+00	15700.00	11.67	43.76	0.00	10.94	0.00	0.00	18	0	5	0	0	43,907	1,848	1,698	0	0	42,059
157+50	15750.00	50.00	49.09	0.00	10.14	0.00	0.00	86	0	20	0	0	43,993	1,873	1,698	0	0	42,120
158+00	15800.00	50.00	56.86	0.00	9.15	0.00	0.00	98	0	18	0	0	44,091	1,896	1,698	0	0	42,195
158+18.454	15818.45	18.45	58.65	0.00	8.51	0.00	0.00	39	0	6	0	0	44,130	1,903	1,698	0	0	42,227
158+50	15850.00	31.55	53.93	0.00	8.91	0.00	0.00	66	0	10	0	0	44,196	1,916	1,698	0	0	42,280
159+00	15900.00	50.00	60.91	0.00	10.30	0.00	0.00	106	0	18	0	0	44,302	1,938	1,698	0	0	42,364
159+48.575	15948.57	48.57	76.09	0.00	10.02	0.00	0.00	123	0	18	0	0	44,425	1,961	1,698	0	0	42,464
159+50	15950.00	1.43	77.44	0.00	9.82	0.00	0.00	4	0	1	0	0	44,429	1,962	1,698	0	0	42,467
159+99.569	15999.57	49.57	109.48	0.00	4.80	0.00	0.00	172	0	13	0	0	44,601	1,978	1,698	0	0	42,623
160+00	16000.00	0.43	109.67	0.00	4.77	0.00	0.00	2	0	0	0	0	44,603	1,978	1,698	0	0	42,625
160+43.726	16043.73	43.73	108.55	0.00	3.95	0.00	0.00	177	0	7	0	0	44,780	1,987	1,698	0	0	42,793
160+50	16050.00	6.27	105.75	0.00	3.97	0.00	0.00	25	0	1	0	0	44,805	1,988	1,698	0	0	42,817
160+52.205	16052.20	2.20	104.92	0.00	3.99	0.00	0.00	9	0	0	0	0	44,814	1,988	1,698	0	0	42,826
160+81.869	16081.87	29.66	88.71	0.00	5.18	0.00	0.00	106	0	5	0	0	44,920	1,995	1,698	0	0	42,926
161+00	16100.00	18.13	79.18	0.00	5.32	0.00	0.00	56	0	4	0	0	44,976	2,000	1,698	0	0	42,977
161+50	16150.00	50.00	45.49	0.00	2.38	0.00	0.00	115	0	7	0	0	45,091	2,008	1,698	0	0	43,083
162+00	16200.00	50.00	76.90	0.00	1.93	0.00	0.00	113	0	4	0	0	45,204	2,013	1,698	0	0	43,191
162+09.481	16209.48	9.48	45.05	0.00	3.19	0.00	0.00	21	0	1	0	0	45,225	2,015	1,698	0	0	43,211
162+50	16250.00	40.52	62.18	0.00	19.46	0.00	0.00	80	0	17	0	0	45,305	2,036	1,698	0	0	43,269
163+00	16300.00	50.00	140.89	0.00	6.71	0.00	0.00	188	0	24	0	0	45,493	2,066	1,698	0	0	43,427
163+37.093	16337.09	37.09	133.06	0.00	6.84	0.00	0.00	188	0	9	0	0	45,681	2,077	1,698	0	0	43,604
163+50	16350.00	12.91	126.51	0.00	7.54	0.00	0.00	62	0	3	0	0	45,743	2,081	1,698	0	0	43,662
163+66.757	16366.76	16.76	131.85	0.00	9.51	0.00	0.00	80	0	5	0	0	45,823	2,087	1,698	0	0	43,736
163+75.236	16375.24	8.48	126.90	0.00	11.46	0.00	0.00	41	0	3	0	0	45,864	2,091	1,698	0	0	43,773
164+00	16400.00	24.76	123.16	0.00	9.91	0.00	0.00	115	0	10	0	0	45,979	2,103	1,698	0	0	43,876
164+26.093	16426.09	26.09	126.69	0.00	10.09	0.00	0.00	121	0	10	0	0	46,100	2,116	1,698	0	0	43,984
164+50	16450.00	23.91	123.99	0.00	12.27	0.00	0.00	111	0	10	0	0	46,211	2,128	1,698	0	0	44,083
164+76.95	16476.95	26.95	126.75	0.00	12.89	0.00	0.00	125	0	13	0	0	46,336	2,145	1,698	0	0	44,192
165+00	16500.00	23.05	126.96	0.00	11.98	0.00	0.00	108	0	11	0	0	46,444	2,158	1,698	0	0	44,286
165+50	16550.00	50.00	109.01	0.00	8.36	0.00	0.00	218	0	19	0	0	46,662	2,182	1,698	0	0	44,480
166+00	16600.00	50.00	90.50	0.00	4.83	0.00	0.00	185	0	12	0	0	46,847	2,197	1,698	0	0	44,650
166+50	16650.00	50.00	78.89	0.00	2.85	0.00	0.00	157	0	7	0	0	47,004	2,206	1,698	0	0	44,798
167+00	16700.00	50.00	75.68	0.00	4.05	0.00	0.00	143	0	6	0	0	47,147	2,213	1,698	0	0	44,934
167+50	16750.00	50.00	63.74	0.00	3.79	0.00	0.00	129	0	7	0	0	47,276	2,222	1,698	0	0	45,054
168+00	16800.00	50.00	53.52	0.00	5.70	0.00	0.00	109	0	9	0	0	47,385	2,233	1,698	0	0	45,152
168+50	16850.00	50.00	46.30	0.00	4.25	0.00	0.00	92	0	9	0	0	47,477	2,245	1,698	0	0	45,233
169+00	16900.00	50.00	51.98	0.00	0.01	0.00	0.00	91	0	4	0	0	47,568	2,250	1,698	0	0	45,319
169+50	16950.00	50.00	59.55	0.00	0.77	0.00	0.00	103	0	1	0	0	47,671	2,251	1,698	0	0	45,420
170+00	17000.00	50.00	41.98	0.00	0.82	0.00	0.00	94	0	1	0	0	47,765	2,252	1,698	0	0	45,513
170+50	17050.00	50.00	83.77	0.00	1.08	0.00	0.00	116	0	2	0	0	47,881	2,255	1,698	0	0	45,627
171+00	17100.00	50.00	92.40	0.00	1.00	0.00	0.00	163	0	2	0	0	48,044	2,257	1,698	0	0	45,787
171+50	17150.00	50.00	75.51	0.00	0.64	0.00	0.00	155	0	2	0	0	48,199	2,260	1,698	0	0	45,940
172+00	17200.00	50.00	50.94	0.00	0.32	0.00	0.00	117	0	1	0	0	48,316	2,261	1,698	0	0	46,055
172+50	17250.00	50.00	53.36	0.00	1.89	0.00	0.00	97	0	2	0	0	48,413	2,263	1,698	0	0	46,150
173+00	17300.00	50.00	63.88	0.00	1.02	0.00	0.00	109	0	3	0	0	48,522	2,267	1,698	0	0	46,255
173+05.363	17305.36	5.36	64.63	0.00	0.86	0.00	0.00	13	0	0	0	0	48,535	2,267	1,698	0	0	46,268
173+50	17350.00	44.64	50.71	0.00	3.65	0.00	0.00	95	0	4	0	0	48,630	2,272	1,698	0	0	46,358
173+56.384	17356.38	6.38	47.19	0.00	4.69	0.00	0.00	12	0	1	0	0	48,642	2,273	1,698	0	0	46,369
174+00	17400.00	43.62	38.20	0.00	17.39	0.00	0.00	69	0	18	0	0	48,711	2,296	1,698	0	0	46,415
174+07.404	17407.40	7.40	35.41	0.00	16.16	0.00	0.00	10	0	5	0	0	48,721	2,302	1,698	0	0	46,419
174+39.721	17439.72	32.32	25.89	0.00	28.68	0.00	0.00	37	0	27	0	0	48,758	2,336	1,698	0	0	46,422
174+50	17450.00	10.28	24.15	0.00	31.89	0.00	0.00	10	0	12	0	0	48,768	2,351	1,698	0	0	46,417
174+81.384	17481.38	31.38	23.99	0.00	35.42	0.00	0.00	28	0	39	0	0	48,796	2,400	1,698	0	0	46,397
175+00	17500.00	18.62	24.54	0.00	29.46	0.00	0.00	17	0	22	0	0	48,813	2,427	1,698	0	0	46,386
175+50	17550.00	50.00	20.14	0.00	29.18	0.00	0.00	41	0	54	0	0	48,854	2,495	1,698	0	0	46,360
175+98.862	17598.86	48.86	29.12	0.00	4.29	0.00	0.00	45	0	30	0	0	48,899	2,532	1,698	0	0	46,367
176+00	17600.00	1.14	27.79	0.00	6.17	0.00	0.00	1	0	0	0	0	48,900	2,532	1,698	0	0	46,368
176+05	17605.00	5.00	28.54	0.00	5.44	0.00	0.00	5	0	1	0	0	48,905	2,533	1,698	0	0	46,372
176+10	17610.00	5.00	29.36	0.00	4.67	0.00	0.00	5	0	1	0	0	48,910	2,535	1,698	0	0	46,376
176+15	17615.00	5.00	31.13	0.00	3.17	0.00	0.00	6	0	1	0	0	48,916	2,536	1,698	0	0	46,380
176+20	17620.00	5.00	30.06	0.00	2.17	0.00	0.00	6	0	0	0	0	48,922	2,536	1,698	0	0	46,386
176+25	17625.00	5.00	33.04	0.00	3.53	0.00	0.00	6	0	1	0	0	48,928	2,537	1,698	0	0	46,391
176+30	17630.00	5.00	32.72	0.00	7.25	0.00	0.00	6	0	1	0	0	48,934	2,538	1,698	0	0	46,396
176+35	17635.00	5.00	35.53	0.00	6.65	0.00	0.00	6	0	1	0	0	48,940	2,540	1,698	0	0	46,401
176+40	17640.00	5.00	41.14	0.00	0.30	0.00	0.00	7	0	1	0	0	48,947	2,541	1,698	0	0	46,406
176+45	17645.00	5.00	30.27	0.00	0.15	0.00	0.00	7	0	0	0	0	48,954	2,541	1,698	0	0	46,413
176+50	17650.00	5.00	32.92	0.00	0.06	0.00	0.00	6	0	0	0	0	48,960	2,541	1,698	0	0	46,419
176+55	17655.00	5.00	31.49	0.00	0.11	0.00	0.00	6	0	0	0	0	48,966	2,541	1,698	0	0	46,425
176+60	17660.00	5.00	28.98	0.00	0.08	0.00	0.00	6	0	0	0	0	48,972	2,541	1,698	0	0	46,431

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
176+65	17665.00	5.00	29.82	0.00	0.09	0.00	0.00	5	0	0	0	0	48,977	2,541	1,698	0	0	46,436
176+70	17670.00	5.00	31.51	0.00	0.06	0.00	0.00	6	0	0	0	0	48,983	2,541	1,698	0	0	46,442
176+75	17675.00	5.00	32.45	0.00	0.03	0.00	0.00	6	0	0	0	0	48,989	2,541	1,698	0	0	46,448
176+80	17680.00	5.00	32.18	0.00	0.07	0.00	0.00	6	0	0	0	0	48,995	2,541	1,698	0	0	46,454
176+85	17685.00	5.00	32.61	0.00	0.10	0.00	0.00	6	0	0	0	0	49,001	2,541	1,698	0	0	46,460
176+90	17690.00	5.00	46.66	0.00	0.06	0.00	0.00	7	0	0	0	0	49,008	2,541	1,698	0	0	46,467
176+95	17695.00	5.00	47.45	0.00	0.02	0.00	0.00	9	0	0	0	0	49,017	2,541	1,698	0	0	46,476
177+00	17700.00	5.00	59.84	0.00	0.00	0.00	0.00	10	0	0	0	0	49,027	2,541	1,698	0	0	46,486
177+05	17705.00	5.00	76.64	0.00	0.00	0.00	0.00	13	0	0	0	0	49,040	2,541	1,698	0	0	46,499
177+10	17710.00	5.00	79.91	0.00	0.00	0.00	0.00	14	0	0	0	0	49,054	2,541	1,698	0	0	46,513
177+15	17715.00	5.00	77.03	0.00	0.00	0.00	0.00	15	0	0	0	0	49,069	2,541	1,698	0	0	46,528
177+17.1	17717.10	2.10	78.12	0.00	0.00	0.00	0.00	6	0	0	0	0	49,075	2,541	1,698	0	0	46,534
177+50	17750.00	32.90	79.98	0.00	5.11	0.00	0.00	96	0	3	0	0	49,171	2,545	1,698	0	0	46,627
178+00	17800.00	50.00	72.35	0.00	6.26	0.00	0.00	141	0	11	0	0	49,312	2,558	1,698	0	0	46,754
178+30.922	17830.92	30.92	76.78	0.00	5.54	0.00	0.00	85	0	7	0	0	49,397	2,567	1,698	0	0	46,830
178+50	17850.00	19.08	65.30	0.00	5.17	0.00	0.00	50	0	4	0	0	49,447	2,572	1,698	0	0	46,875
178+72.584	17872.58	22.58	64.31	0.00	3.32	0.00	0.00	54	0	4	0	0	49,501	2,577	1,698	0	0	46,924
179+00	17900.00	27.42	44.44	0.00	3.84	0.00	0.00	55	0	4	0	0	49,556	2,582	1,698	0	0	46,974
179+04.901	17904.90	4.90	35.33	0.00	4.77	0.00	0.00	7	0	1	0	0	49,563	2,583	1,698	0	0	46,980
179+50	17950.00	45.10	36.59	0.00	1.50	0.00	0.00	60	0	5	0	0	49,623	2,590	1,698	0	0	47,034
179+55.922	17955.92	5.92	36.79	0.00	1.51	0.00	0.00	8	0	0	0	0	49,631	2,590	1,698	0	0	47,042
180+00	18000.00	44.08	36.29	0.00	1.17	0.00	0.00	60	0	2	0	0	49,691	2,592	1,698	0	0	47,099
180+06.942	18006.94	6.94	35.49	0.00	1.07	0.00	0.00	9	0	0	0	0	49,700	2,592	1,698	0	0	47,108
180+50	18050.00	43.06	46.90	0.00	0.00	0.00	0.00	66	0	1	0	0	49,766	2,593	1,698	0	0	47,173
181+00	18100.00	50.00	40.13	0.00	0.00	0.00	0.00	81	0	0	0	0	49,847	2,593	1,698	0	0	47,254
181+50	18150.00	50.00	41.52	0.00	2.34	0.00	0.00	76	0	2	0	0	49,923	2,596	1,698	0	0	47,327
182+00	18200.00	50.00	28.18	0.00	3.21	0.00	0.00	65	0	5	0	0	49,988	2,602	1,698	0	0	47,386
182+50	18250.00	50.00	24.88	0.00	6.67	0.00	0.00	49	0	9	0	0	50,037	2,613	1,698	0	0	47,424
183+00	18300.00	50.00	25.37	0.00	10.35	0.00	0.00	47	0	16	0	0	50,084	2,633	1,698	0	0	47,451
183+50	18350.00	50.00	28.63	0.00	28.31	0.00	0.00	50	0	36	0	0	50,134	2,678	1,698	0	0	47,456
183+98.454	18398.45	48.45	40.56	0.00	11.13	0.00	0.00	62	0	35	0	0	50,196	2,722	1,698	0	0	47,474
184+00	18400.00	1.55	41.04	0.00	11.16	0.00	0.00	2	0	1	0	0	50,198	2,723	1,698	0	0	47,475
184+49.475	18449.47	49.47	36.23	0.00	22.52	0.00	0.00	71	0	31	0	0	50,269	2,762	1,698	0	0	47,507
184+50	18450.00	0.53	36.06	0.00	22.72	0.00	0.00	1	0	0	0	0	50,270	2,762	1,698	0	0	47,508
185+00	18500.00	50.00	25.78	0.00	6.28	0.00	0.00	57	0	27	0	0	50,327	2,796	1,698	0	0	47,531
185+00.495	18500.50	0.50	25.64	0.00	6.49	0.00	0.00	0	0	0	0	0	50,327	2,796	1,698	0	0	47,531
185+32.812	18532.81	32.32	27.69	0.00	20.12	0.00	0.00	32	0	16	0	0	50,359	2,816	1,698	0	0	47,543
185+50	18550.00	17.19	25.13	0.00	31.46	0.00	0.00	17	0	16	0	0	50,376	2,836	1,698	0	0	47,540
185+74.475	18574.47	24.47	28.68	0.00	24.02	0.00	0.00	24	0	25	0	0	50,400	2,867	1,698	0	0	47,533
186+00	18600.00	25.53	26.42	0.00	22.61	0.00	0.00	26	0	22	0	0	50,426	2,895	1,698	0	0	47,532
186+50	18650.00	50.00	23.37	0.00	17.21	0.00	0.00	46	0	37	0	0	50,472	2,941	1,698	0	0	47,531
187+00	18700.00	50.00	23.77	0.00	9.13	0.00	0.00	44	0	24	0	0	50,516	2,971	1,698	0	0	47,545
187+50	18750.00	50.00	26.47	0.00	5.09	0.00	0.00	47	0	13	0	0	50,563	2,987	1,698	0	0	47,576
188+00	18800.00	50.00	28.76	0.00	0.70	0.00	0.00	51	0	5	0	0	50,614	2,993	1,698	0	0	47,621
188+50	18850.00	50.00	27.15	0.00	0.66	0.00	0.00	52	0	1	0	0	50,666	2,995	1,698	0	0	47,672
188+93.95	18893.95	43.95	29.12	0.00	1.74	0.00	0.00	46	0	2	0	0	50,712	2,997	1,698	0	0	47,715
189+00	18900.00	6.05	28.85	0.00	1.84	0.00	0.00	6	0	0	0	0	50,718	2,997	1,698	0	0	47,721
189+50	18950.00	50.00	29.51	0.00	1.22	0.00	0.00	54	0	3	0	0	50,772	3,001	1,698	0	0	47,771
190+00	19000.00	50.00	27.91	0.00	14.20	0.00	0.00	53	0	14	0	0	50,825	3,018	1,698	0	0	47,807
190+20.336	19020.34	20.34	26.29	0.00	14.47	0.00	0.00	20	0	11	0	0	50,845	3,032	1,698	0	0	47,813
190+25	19025.00	4.66	36.15	0.00	0.37	0.00	0.00	5	0	1	0	0	50,850	3,033	1,698	0	0	47,817
190+30	19030.00	5.00	33.20	0.00	1.20	0.00	0.00	6	0	0	0	0	50,856	3,033	1,698	0	0	47,823
190+35	19035.00	5.00	31.35	0.00	4.36	0.00	0.00	6	0	1	0	0	50,862	3,035	1,698	0	0	47,828
190+40	19040.00	5.00	31.60	0.00	11.47	0.00	0.00	6	0	1	0	0	50,868	3,036	1,698	0	0	47,832
190+45	19045.00	5.00	32.36	0.00	3.61	0.00	0.00	6	0	1	0	0	50,874	3,037	1,698	0	0	47,837
190+50	19050.00	5.00	25.15	0.00	0.97	0.00	0.00	5	0	0	0	0	50,879	3,037	1,698	0	0	47,842
190+55	19055.00	5.00	23.90	0.00	0.37	0.00	0.00	5	0	0	0	0	50,884	3,037	1,698	0	0	47,847
190+60	19060.00	5.00	22.08	0.00	0.36	0.00	0.00	4	0	0	0	0	50,888	3,037	1,698	0	0	47,851
190+65	19065.00	5.00	20.92	0.00	0.29	0.00	0.00	4	0	0	0	0	50,892	3,037	1,698	0	0	47,855
190+70	19070.00	5.00	21.24	0.00	0.93	0.00	0.00	4	0	0	0	0	50,896	3,037	1,698	0	0	47,859
190+75	19075.00	5.00	23.86	0.00	0.20	0.00	0.00	4	0	0	0	0	50,900	3,037	1,698	0	0	47,863
190+80	19080.00	5.00	26.79	0.00	0.19	0.00	0.00	5	0	0	0	0	50,905	3,037	1,698	0	0	47,868
190+85	19085.00	5.00	37.40	0.00	0.13	0.00	0.00	6	0	0	0	0	50,911	3,037	1,698	0	0	47,874
190+90	19090.00	5.00	39.39	0.00	4.59	0.00	0.00	7	0	0	0	0	50,918	3,037	1,698	0	0	47,881
190+95	19095.00	5.00	40.01	0.00	2.86	0.00	0.00	7	0	1	0	0	50,925	3,038	1,698	0	0	47,887
191+00	19100.00	5.00	41.88	0.00	0.25	0.00	0.00	8	0	0	0	0	50,933	3,038	1,698	0	0	47,895
191+05	19105.00	5.00	45.60	0.00	0.00	0.00	0.00	8	0	0	0	0	50,941	3,038	1,698	0	0	47,903
191+08.078	19108.08	3.08	49.19	0.00	4.37	0.00	0.00	5	0	0	0	0	50,946	3,038	1,698	0	0	47,908
191+50	19150.00	41.92	58.41	0.00	6.70	0.00	0.00	84	0	9	0	0	51,030	3,050	1,698	0	0	47,981
192+00	19200.00	50.00	69.34	0.00	13.01	0.00	0.00	118	0	18	0	0	51,148	3,072	1,698	0	0	48,076
192+13.425	19213.43	13.43	73.13	0.00	13.18	0.00	0.00	35	0	7	0	0	51,183	3,081	1,698	0	0	48,102

DIVISION 1 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
192+50	19250.00	36.57	69.64	0.00	14.87	0.00	0.00	97	0	19	0	0	51,280	3,105	1,698	0	0	48,176
192+55.088	19255.09	5.09	59.60	0.00	17.74	0.00	0.00	12	0	3	0	0	51,292	3,108	1,698	0	0	48,184
192+87.405	19287.40	32.32	44.89	0.00	16.43	0.00	0.00	63	0	20	0	0	51,355	3,133	1,698	0	0	48,222
193+00	19300.00	12.60	57.40	0.00	9.30	0.00	0.00	24	0	6	0	0	51,379	3,141	1,698	0	0	48,238
193+38.425	19338.43	38.43	44.66	0.00	24.06	0.00	0.00	73	0	24	0	0	51,452	3,171	1,698	0	0	48,281
193+50	19350.00	11.57	37.62	0.00	29.03	0.00	0.00	18	0	11	0	0	51,470	3,185	1,698	0	0	48,286
193+89.446	19389.45	39.45	40.14	0.00	33.42	0.00	0.00	57	0	46	0	0	51,527	3,242	1,698	0	0	48,285
194+00	19400.00	10.55	40.02	0.00	36.88	0.00	0.00	16	0	14	0	0	51,543	3,260	1,698	0	0	48,284
194+50	19450.00	50.00	38.92	0.00	46.84	0.00	0.00	73	0	78	0	0	51,616	3,357	1,698	0	0	48,259
195+00	19500.00	50.00	35.54	0.00	85.65	0.00	0.00	69	0	123	0	0	51,685	3,511	1,698	0	0	48,174

DIVISION 2 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
195+44.624	19544.62	0.00	25.90	0.00	162.71	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
195+50	19550.00	5.38	34.52	0.00	100.04	0.00	0.00	6	0	26	0	0	6	33	0	0	0	-27
195+95.688	19595.69	45.69	39.18	0.00	52.88	0.00	0.00	62	0	129	0	0	68	194	0	0	0	-126
196+00	19600.00	4.31	39.52	0.00	53.51	0.00	0.00	6	0	8	0	0	74	204	0	0	0	-130
196+46.751	19646.75	46.75	36.05	0.00	75.77	0.00	0.00	65	0	112	0	0	139	344	0	0	0	-205
196+50	19650.00	3.25	35.89	0.00	75.80	0.00	0.00	4	0	9	0	0	143	355	0	0	0	-212
196+75.692	19675.69	25.69	36.68	0.00	70.66	0.00	0.00	35	0	70	0	0	178	443	0	0	0	-265
197+00	19700.00	24.31	39.90	0.00	68.57	0.00	0.00	34	0	63	0	0	212	521	0	0	0	-309
197+15.688	19715.69	15.69	36.95	0.00	66.13	0.00	0.00	22	0	39	0	0	234	570	0	0	0	-336
197+50	19750.00	34.31	36.35	0.00	42.96	0.00	0.00	47	0	69	0	0	281	656	0	0	0	-375
198+00	19800.00	50.00	29.68	0.00	12.31	0.00	0.00	61	0	51	0	0	342	720	0	0	0	-378
198+50	19850.00	50.00	26.62	0.00	10.13	0.00	0.00	52	0	21	0	0	394	746	0	0	0	-352
199+00	19900.00	50.00	31.10	0.00	2.34	0.00	0.00	53	0	12	0	0	447	761	0	0	0	-314
199+50	19950.00	50.00	26.94	0.00	6.62	0.00	0.00	54	0	8	0	0	501	771	0	0	0	-270
200+00	20000.00	50.00	27.29	0.00	5.95	0.00	0.00	50	0	12	0	0	551	786	0	0	0	-235
200+32.083	20032.08	32.08	27.73	0.00	6.29	0.00	0.00	33	0	7	0	0	584	795	0	0	0	-211
200+50	20050.00	17.92	32.02	0.00	2.64	0.00	0.00	20	0	3	0	0	604	799	0	0	0	-195
201+00	20100.00	50.00	29.44	0.00	1.06	0.00	0.00	57	0	3	0	0	661	803	0	0	0	-142
201+50	20150.00	50.00	34.67	0.00	5.06	0.00	0.00	59	0	6	0	0	720	810	0	0	0	-90
202+00	20200.00	50.00	26.92	0.00	5.33	0.00	0.00	57	0	10	0	0	777	823	0	0	0	-46
202+50	20250.00	50.00	27.15	0.00	5.56	0.00	0.00	50	0	10	0	0	827	835	0	0	0	-8
203+00	20300.00	50.00	37.38	0.00	6.24	0.00	0.00	60	0	11	0	0	887	849	0	0	0	38
203+48.478	20348.48	48.48	32.34	0.00	13.12	0.00	0.00	63	0	17	0	0	950	870	0	0	0	80
203+50	20350.00	1.52	34.22	0.00	12.77	0.00	0.00	2	0	1	0	0	952	871	0	0	0	81
203+88.474	20388.47	38.47	34.95	0.00	5.41	0.00	0.00	49	0	13	0	0	1,001	888	0	0	0	114
204+00	20400.00	11.53	32.32	0.00	5.44	0.00	0.00	14	0	2	0	0	1,015	890	0	0	0	125
204+17.414	20417.41	17.41	32.37	0.00	0.77	0.00	0.00	21	0	2	0	0	1,036	893	0	0	0	144
204+50	20450.00	32.59	31.58	0.00	1.47	0.00	0.00	39	0	1	0	0	1,075	894	0	0	0	181
204+68.478	20468.48	18.48	31.41	0.00	1.87	0.00	0.00	22	0	1	0	0	1,097	895	0	0	0	202
205+00	20500.00	31.52	31.52	0.00	0.00	0.00	0.00	37	0	1	0	0	1,134	896	0	0	0	238
205+19.542	20519.54	19.54	32.25	0.00	0.00	0.00	0.00	23	0	0	0	0	1,157	896	0	0	0	261
205+50	20550.00	30.46	32.33	0.00	5.08	0.00	0.00	36	0	3	0	0	1,193	900	0	0	0	293
206+00	20600.00	50.00	33.27	0.00	9.80	0.00	0.00	61	0	14	0	0	1,254	918	0	0	0	337
206+50	20650.00	50.00	38.06	0.00	8.28	0.00	0.00	66	0	17	0	0	1,320	939	0	0	0	381
207+00	20700.00	50.00	48.22	0.00	2.26	0.00	0.00	80	0	10	0	0	1,400	951	0	0	0	449
207+50	20750.00	50.00	55.10	0.00	0.18	0.00	0.00	96	0	2	0	0	1,496	954	0	0	0	542
207+67.772	20767.77	17.77	57.38	0.00	0.03	0.00	0.00	37	0	0	0	0	1,533	954	0	0	0	579
208+00	20800.00	32.23	71.39	0.00	0.00	0.00	0.00	77	0	0	0	0	1,610	954	0	0	0	656
208+50	20850.00	50.00	82.01	0.00	0.00	0.00	0.00	142	0	0	0	0	1,752	954	0	0	0	798
209+00	20900.00	50.00	71.61	0.00	0.00	0.00	0.00	142	0	0	0	0	1,894	954	0	0	0	940
209+50	20950.00	50.00	73.62	0.00	0.00	0.00	0.00	134	0	0	0	0	2,028	954	0	0	0	1,074
210+00	21000.00	50.00	94.58	0.00	0.00	0.00	0.00	156	0	0	0	0	2,184	954	0	0	0	1,230
210+50	21050.00	50.00	67.97	0.00	10.50	0.00	0.00	151	0	10	0	0	2,335	966	0	0	0	1,369
211+00	21100.00	50.00	56.34	0.00	31.65	0.00	0.00	115	0	39	0	0	2,450	1,015	0	0	0	1,435
211+50	21150.00	50.00	36.94	0.00	23.14	0.00	0.00	86	0	51	0	0	2,536	1,079	0	0	0	1,457
212+00	21200.00	50.00	35.07	0.00	15.52	0.00	0.00	67	0	36	0	0	2,603	1,124	0	0	0	1,479
212+50	21250.00	50.00	45.06	0.00	6.33	0.00	0.00	74	0	20	0	0	2,677	1,149	0	0	0	1,528
212+68.032	21268.03	18.03	46.52	0.00	2.31	0.00	0.00	31	0	3	0	0	2,708	1,153	0	0	0	1,556
213+00	21300.00	31.97	54.20	0.00	0.88	0.00	0.00	60	0	2	0	0	2,768	1,155	0	0	0	1,613
213+19.365	21319.36	19.36	54.55	0.00	0.79	0.00	0.00	39	0	1	0	0	2,807	1,156	0	0	0	1,651
213+50	21350.00	30.64	51.33	0.00	1.63	0.00	0.00	60	0	1	0	0	2,867	1,158	0	0	0	1,710

DIVISION 2 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
													1.00	1.30	1.10	1.30	0.80	
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
213+70.698	21370.70	20.70	46.23	0.00	3.08	0.00	0.00	37	0	2	0	0	2,904	1,160	0	0	0	1,744
213+70.701	21370.70	0.00	46.23	0.00	3.08	0.00	0.00	0	0	0	0	0	2,904	1,160	0	0	0	1,744
213+96.365	21396.36	25.66	43.12	0.00	9.77	0.00	0.00	42	0	6	0	0	2,946	1,168	0	0	0	1,779
214+00	21400.00	3.64	43.14	0.00	10.79	0.00	0.00	6	0	1	0	0	2,952	1,169	0	0	0	1,783
214+50	21450.00	50.00	36.24	0.00	20.31	0.00	0.00	73	0	29	0	0	3,025	1,205	0	0	0	1,820
215+00	21500.00	50.00	47.23	0.00	18.98	0.00	0.00	77	0	36	0	0	3,102	1,250	0	0	0	1,852
215+50	21550.00	50.00	63.87	0.00	8.90	0.00	0.00	103	0	26	0	0	3,205	1,283	0	0	0	1,923
216+00	21600.00	50.00	91.58	0.00	4.27	0.00	0.00	144	0	12	0	0	3,349	1,298	0	0	0	2,052
216+50	21650.00	50.00	105.67	0.00	3.26	0.00	0.00	183	0	7	0	0	3,532	1,306	0	0	0	2,226
217+00	21700.00	50.00	85.12	0.00	4.34	0.00	0.00	177	0	7	0	0	3,709	1,315	0	0	0	2,394
217+12.333	21712.33	12.33	84.25	0.00	8.83	0.00	0.00	39	0	3	0	0	3,748	1,319	0	0	0	2,429
217+50	21750.00	37.67	85.71	0.00	38.82	0.00	0.00	119	0	33	0	0	3,867	1,360	0	0	0	2,507
218+00	21800.00	50.00	86.37	0.00	53.19	0.00	0.00	159	0	85	0	0	4,026	1,466	0	0	0	2,560
218+50	21850.00	50.00	104.43	0.00	52.82	0.00	0.00	177	0	98	0	0	4,203	1,589	0	0	0	2,614
219+00	21900.00	50.00	84.74	0.00	44.12	0.00	0.00	175	0	90	0	0	4,378	1,701	0	0	0	2,677
219+50	21950.00	50.00	70.43	0.00	31.01	0.00	0.00	144	0	70	0	0	4,522	1,789	0	0	0	2,733
220+00	22000.00	50.00	45.18	0.00	22.59	0.00	0.00	107	0	50	0	0	4,629	1,851	0	0	0	2,778
220+28.302	22028.30	28.30	30.11	0.00	19.21	0.00	0.00	39	0	22	0	0	4,668	1,879	0	0	0	2,789
220+50	22050.00	21.70	18.41	0.00	15.75	0.00	0.00	19	0	14	0	0	4,687	1,896	0	0	0	2,791
220+53.966	22053.97	3.97	18.02	0.00	15.65	0.00	0.00	3	0	2	0	0	4,690	1,899	0	0	0	2,791
220+53.968	22053.97	0.00	18.02	0.00	15.65	0.00	0.00	0	0	0	0	0	4,690	1,899	0	0	0	2,791
221+00	22100.00	46.03	21.69	0.00	22.16	0.00	0.00	34	0	32	0	0	4,724	1,939	0	0	0	2,785
221+05.302	22105.30	5.30	22.50	0.00	24.85	0.00	0.00	4	0	5	0	0	4,728	1,945	0	0	0	2,783
221+50	22150.00	44.70	39.75	0.00	65.88	0.00	0.00	52	0	75	0	0	4,780	2,039	0	0	0	2,741
221+56.635	22156.64	6.64	43.75	0.00	74.54	0.00	0.00	10	0	17	0	0	4,790	2,060	0	0	0	2,730
222+00	22200.00	43.36	75.26	0.00	137.60	0.00	0.00	96	0	170	0	0	4,886	2,273	0	0	0	2,614
222+50	22250.00	50.00	112.10	0.00	161.44	0.00	0.00	173	0	277	0	0	5,059	2,619	0	0	0	2,440
223+00	22300.00	50.00	146.79	0.00	118.15	0.00	0.00	240	0	259	0	0	5,299	2,943	0	0	0	2,357
223+50	22350.00	50.00	145.39	0.00	23.12	0.00	0.00	271	0	131	0	0	5,570	3,106	0	0	0	2,464
224+00	22400.00	50.00	121.46	0.00	3.06	0.00	0.00	247	0	24	0	0	5,817	3,136	0	0	0	2,681
224+50	22450.00	50.00	104.61	0.00	3.43	0.00	0.00	209	0	6	0	0	6,026	3,144	0	0	0	2,882
225+00	22500.00	50.00	98.60	0.00	2.93	0.00	0.00	188	0	6	0	0	6,214	3,151	0	0	0	3,063
225+50	22550.00	50.00	132.00	0.00	8.31	0.00	0.00	214	0	10	0	0	6,428	3,164	0	0	0	3,264
226+00	22600.00	50.00	134.88	0.00	3.06	0.00	0.00	247	0	11	0	0	6,675	3,178	0	0	0	3,498
226+50	22650.00	50.00	135.57	0.00	1.17	0.00	0.00	250	0	4	0	0	6,925	3,183	0	0	0	3,743
227+00	22700.00	50.00	140.37	0.00	1.10	0.00	0.00	255	0	2	0	0	7,180	3,185	0	0	0	3,995
227+50	22750.00	50.00	124.42	0.00	0.43	0.00	0.00	245	0	1	0	0	7,425	3,186	0	0	0	4,239
227+86.618	22786.62	36.62	119.34	0.00	0.00	0.00	0.00	165	0	0	0	0	7,590	3,186	0	0	0	4,404
228+00	22800.00	13.38	118.28	0.00	2.06	0.00	0.00	59	0	1	0	0	7,649	3,188	0	0	0	4,462
228+50	22850.00	50.00	139.88	0.00	3.08	0.00	0.00	239	0	5	0	0	7,888	3,194	0	0	0	4,694
229+00	22900.00	50.00	177.81	0.00	2.30	0.00	0.00	294	0	5	0	0	8,182	3,200	0	0	0	4,982
229+50	22950.00	50.00	220.16	0.00	0.00	0.00	0.00	368	0	2	0	0	8,550	3,203	0	0	0	5,348
230+00	23000.00	50.00	243.85	0.00	0.00	0.00	0.00	430	0	0	0	0	8,980	3,203	0	0	0	5,778
230+50	23050.00	50.00	240.52	0.00	0.00	0.00	0.00	448	0	0	0	0	9,428	3,203	0	0	0	6,226
231+00	23100.00	50.00	215.08	0.00	0.25	0.00	0.00	422	0	0	0	0	9,850	3,203	0	0	0	6,648
231+34.141	23134.14	34.14	158.05	0.00	0.72	0.00	0.00	236	0	1	0	0	10,086	3,204	0	0	0	6,882
231+35	23135.00	0.86	213.56	0.00	0.70	0.00	0.00	6	0	0	0	0	10,092	3,204	0	0	0	6,888
231+40	23140.00	5.00	210.28	0.00	0.67	0.00	0.00	39	0	0	0	0	10,131	3,204	0	0	0	6,927
231+45	23145.00	5.00	211.42	0.00	0.75	0.00	0.00	39	0	0	0	0	10,170	3,204	0	0	0	6,966
231+50	23150.00	5.00	216.62	0.00	0.94	0.00	0.00	40	0	0	0	0	10,210	3,204	0	0	0	7,006
231+55	23155.00	5.00	228.53	0.00	0.89	0.00	0.00	41	0	0	0	0	10,251	3,204	0	0	0	7,047
231+60	23160.00	5.00	245.23	0.00	0.86	0.00	0.00	44	0	0	0	0	10,295	3,204	0	0	0	7,091
231+65	23165.00	5.00	247.25	0.00	0.87	0.00	0.00	46	0	0	0	0	10,341	3,204	0	0	0	7,137
231+70	23170.00	5.00	226.74	0.00	1.00	0.00	0.00	44	0	0	0	0	10,385	3,204	0	0	0	7,181
231+75	23175.00	5.00	206.21	0.00	1.22	0.00	0.00	40	0	0	0	0	10,425	3,204	0	0	0	7,221
231+80	23180.00	5.00	195.32	0.00	1.16	0.00	0.00	37	0	0	0	0	10,462	3,204	0	0	0	7,258
231+85	23185.00	5.00	166.82	0.00	1.09	0.00	0.00	34	0	0	0	0	10,496	3,204	0	0	0	7,292
231+90	23190.00	5.00	135.84	0.00	1.05	0.00	0.00	28	0	0	0	0	10,524	3,204	0	0	0	7,320
231+95	23195.00	5.00	132.51	0.00	1.05	0.00	0.00	25	0	0	0	0	10,549	3,204	0	0	0	7,345
232+00	23200.00	5.00	139.20	0.00	1.08	0.00	0.00	25	0	0	0	0	10,574	3,204	0	0	0	7,370
232+05	23205.00	5.00	139.65	0.00	1.40	0.00	0.00	26	0	0	0	0	10,600	3,204	0	0	0	7,396
232+10	23210.00	5.00	136.84	0.00	2.11	0.00	0.00	26	0	0	0	0	10,626	3,204	0	0	0	7,422
232+15	23215.00	5.00	130.22	0.00	2.46	0.00	0.00	25	0	0	0	0	10,651	3,204	0	0	0	7,447
232+20	23220.00	5.00	126.70	0.00	5.44	0.00	0.00	24	0	1	0	0	10,675	3,205	0	0	0	7,470
232+25	23225.00	5.00	125.12	0.00	1.39	0.00	0.00	23	0	1	0	0	10,698	3,206	0	0	0	7,492
232+30	23230.00	5.00	121.64	0.00	0.04	0.00	0.00	23	0	0	0	0	10,721	3,206	0	0	0	7,515
232+35	23235.00	5.00	117.40	0.00	0.00	0.00	0.00	22	0	0	0	0	10,743	3,206	0	0	0	7,537
232+40	23240.00	5.00	109.76	0.00	0.00	0.00	0.00	21	0	0	0	0	10,764	3,206	0	0	0	7,558
232+45	23245.00	5.00	101.54	0.00	0.02	0.00	0.00	20	0	0	0	0	10,784	3,206	0	0	0	7,578
232+50	23250.00	5.00	92.74	0.00	0.12	0.00	0.00	18	0	0	0	0	10,802	3,206	0	0	0	7,596
232+55	23255.00	5.00	113.98	0.00	0.00	0.00	0.00	19	0	0	0	0	10,821	3,206	0	0	0	7,615

DIVISION 2 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.30	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
232+60	23260.00	5.00	161.59	0.00	0.00	0.00	0.00	26	0	0	0	0	10,847	3,206	0	0	0	7,641
232+65	23265.00	5.00	146.17	0.00	12.36	0.00	0.00	28	0	1	0	0	10,875	3,208	0	0	0	7,668
232+70	23270.00	5.00	131.19	0.00	16.25	0.00	0.00	26	0	3	0	0	10,901	3,211	0	0	0	7,690
232+75	23275.00	5.00	117.00	0.00	20.19	0.00	0.00	23	0	3	0	0	10,924	3,215	0	0	0	7,709
232+80	23280.00	5.00	110.68	0.00	22.80	0.00	0.00	21	0	4	0	0	10,945	3,220	0	0	0	7,725
232+85	23285.00	5.00	113.44	0.00	7.15	0.00	0.00	21	0	3	0	0	10,966	3,224	0	0	0	7,742
232+88.723	23288.72	3.72	98.60	0.00	1.31	0.00	0.00	15	0	1	0	0	10,981	3,225	0	0	0	7,756
233+00	23300.00	11.28	100.98	0.00	0.08	0.00	0.00	42	0	0	0	0	11,023	3,225	0	0	0	7,798
233+50	23350.00	50.00	105.42	0.00	0.50	0.00	0.00	191	0	1	0	0	11,214	3,226	0	0	0	7,988
234+00	23400.00	50.00	163.63	0.00	0.00	0.00	0.00	249	0	0	0	0	11,463	3,226	0	0	0	8,237
234+50	23450.00	50.00	215.40	0.00	0.00	0.00	0.00	351	0	0	0	0	11,814	3,226	0	0	0	8,588
234+86.094	23486.09	36.09	241.28	0.00	0.00	0.00	0.00	305	0	0	0	0	12,119	3,226	0	0	0	8,893
235+00	23500.00	13.91	244.14	0.00	0.00	0.00	0.00	125	0	0	0	0	12,244	3,226	0	0	0	9,018
235+50	23550.00	50.00	214.57	0.00	0.00	0.00	0.00	425	0	0	0	0	12,669	3,226	0	0	0	9,443
236+00	23600.00	50.00	172.05	0.00	1.67	0.00	0.00	358	0	2	0	0	13,027	3,229	0	0	0	9,798
236+33.711	23633.71	33.71	135.77	0.00	0.80	0.00	0.00	192	0	2	0	0	13,219	3,231	0	0	0	9,988
236+50	23650.00	16.29	120.49	0.00	0.09	0.00	0.00	77	0	0	0	0	13,296	3,231	0	0	0	10,065
236+78.156	23678.16	28.16	99.73	0.00	4.41	0.00	0.00	115	0	2	0	0	13,411	3,234	0	0	0	10,177
237+00	23700.00	21.84	84.02	0.00	15.19	0.00	0.00	74	0	8	0	0	13,485	3,244	0	0	0	10,241
237+22.6	23722.60	22.60	79.82	0.00	28.61	0.00	0.00	69	0	18	0	0	13,554	3,266	0	0	0	10,288
237+31.492	23731.49	8.89	79.04	0.00	33.60	0.00	0.00	26	0	10	0	0	13,580	3,279	0	0	0	10,301
237+50	23750.00	18.51	24.03	0.00	43.81	0.00	0.00	35	0	27	0	0	13,615	3,313	0	0	0	10,303
237+58.156	23758.16	8.16	25.40	0.00	52.19	0.00	0.00	7	0	14	0	0	13,622	3,330	0	0	0	10,292
238+00	23800.00	41.84	30.88	0.00	16.26	0.00	0.00	44	0	53	0	0	13,666	3,396	0	0	0	10,270
238+50	23850.00	50.00	42.62	0.00	2.44	0.00	0.00	68	0	17	0	0	13,734	3,418	0	0	0	10,317
239+00	23900.00	50.00	32.73	0.00	2.08	0.00	0.00	70	0	4	0	0	13,804	3,423	0	0	0	10,382
239+50	23950.00	50.00	51.00	0.00	3.49	0.00	0.00	78	0	5	0	0	13,882	3,429	0	0	0	10,453
239+94.362	23994.36	44.36	107.99	0.00	6.74	0.00	0.00	131	0	8	0	0	14,013	3,439	0	0	0	10,574
240+00	24000.00	5.64	107.99	0.00	6.68	0.00	0.00	23	0	1	0	0	14,036	3,440	0	0	0	10,596
240+50	24050.00	50.00	62.05	0.00	0.02	0.00	0.00	157	0	6	0	0	14,193	3,448	0	0	0	10,746
241+00	24100.00	50.00	76.59	0.00	0.42	0.00	0.00	128	0	0	0	0	14,321	3,448	0	0	0	10,874
241+50	24150.00	50.00	95.00	0.00	0.78	0.00	0.00	159	0	1	0	0	14,480	3,449	0	0	0	11,031
242+00	24200.00	50.00	98.55	0.00	1.46	0.00	0.00	179	0	2	0	0	14,659	3,451	0	0	0	11,208
242+30.569	24230.57	30.57	79.20	0.00	3.53	0.00	0.00	101	0	3	0	0	14,760	3,455	0	0	0	11,305
242+50	24250.00	19.43	67.13	0.00	6.20	0.00	0.00	53	0	4	0	0	14,813	3,460	0	0	0	11,353
242+57.233	24257.23	7.23	68.74	0.00	6.13	0.00	0.00	18	0	2	0	0	14,831	3,463	0	0	0	11,369
242+66.125	24266.12	8.89	72.68	0.00	5.35	0.00	0.00	23	0	2	0	0	14,854	3,465	0	0	0	11,389
243+00	24300.00	33.88	99.68	0.00	13.10	0.00	0.00	108	0	12	0	0	14,962	3,480	0	0	0	11,482
243+20	24320.00	20.00	120.53	0.00	13.45	0.00	0.00	82	0	10	0	0	15,044	3,493	0	0	0	11,552
243+50	24350.00	30.00	160.48	0.00	16.48	0.00	0.00	156	0	17	0	0	15,200	3,514	0	0	0	11,686
243+55	24355.00	5.00	167.53	0.00	17.19	0.00	0.00	30	0	3	0	0	15,230	3,518	0	0	0	11,713
243+89	24389.00	34.00	201.29	0.00	21.59	0.00	0.00	232	0	24	0	0	15,462	3,548	0	0	0	11,915
243+91.17	24391.17	2.17	203.40	0.00	21.46	0.00	0.00	16	0	2	0	0	15,478	3,550	0	0	0	11,928
244+00	24400.00	8.83	212.04	0.00	20.92	0.00	0.00	68	0	7	0	0	15,546	3,559	0	0	0	11,987
244+28.143	24428.14	28.14	245.82	0.00	19.72	0.00	0.00	239	0	21	0	0	15,785	3,585	0	0	0	12,200
244+50	24450.00	21.86	272.87	0.00	22.86	0.00	0.00	210	0	17	0	0	15,995	3,606	0	0	0	12,389
244+68.806	24468.81	18.81	276.03	0.00	22.09	0.00	0.00	191	0	16	0	0	16,186	3,626	0	0	0	12,560
245+00	24500.00	31.19	249.49	0.00	14.21	0.00	0.00	304	0	21	0	0	16,490	3,653	0	0	0	12,838
245+50	24550.00	50.00	218.84	0.00	7.86	0.00	0.00	434	0	20	0	0	16,924	3,678	0	0	0	13,247
246+00	24600.00	50.00	156.28	0.00	11.02	0.00	0.00	347	0	17	0	0	17,271	3,699	0	0	0	13,572
246+18.823	24618.82	18.82	146.15	0.00	16.77	0.00	0.00	105	0	10	0	0	17,376	3,711	0	0	0	13,665
246+50	24650.00	31.18	114.58	0.00	20.38	0.00	0.00	151	0	21	0	0	17,527	3,738	0	0	0	13,790
247+00	24700.00	50.00	68.63	0.00	20.26	0.00	0.00	170	0	38	0	0	17,697	3,785	0	0	0	13,912
247+50	24750.00	50.00	22.52	0.00	30.07	0.00	0.00	84	0	47	0	0	17,781	3,844	0	0	0	13,937
247+68.84	24768.84	18.84	18.60	0.00	33.80	0.00	0.00	14	0	22	0	0	17,795	3,871	0	0	0	13,924
248+00	24800.00	31.16	18.02	0.00	36.49	0.00	0.00	21	0	41	0	0	17,816	3,923	0	0	0	13,894
248+09.503	24809.50	9.50	18.88	0.00	35.74	0.00	0.00	6	0	13	0	0	17,822	3,939	0	0	0	13,883
248+46.477	24846.48	36.97	26.69	0.00	29.79	0.00	0.00	31	0	45	0	0	17,853	3,995	0	0	0	13,858
248+50	24850.00	3.52	26.80	0.00	29.63	0.00	0.00	3	0	4	0	0	17,856	4,000	0	0	0	13,856
248+90.84	24890.84	40.84	24.40	0.00	34.57	0.00	0.00	39	0	49	0	0	17,895	4,061	0	0	0	13,834
249+00	24900.00	9.16	24.06	0.00	34.07	0.00	0.00	8	0	12	0	0	17,903	4,076	0	0	0	13,827
249+21	24921.00	21.00	22.26	0.00	34.21	0.00	0.00	18	0	27	0	0	17,921	4,110	0	0	0	13,811
249+50	24950.00	29.00	22.75	0.00	32.59	0.00	0.00	24	0	36	0	0	17,945	4,155	0	0	0	13,790
249+58	24958.00	8.00	23.18	0.00	28.19	0.00	0.00	7	0	9	0	0	17,952	4,166	0	0	0	13,786
249+94.5	24994.50	36.50	27.75	0.00	29.65	0.00	0.00	34	0	39	0	0	17,986	4,215	0	0	0	13,771
250+00	25000.00	5.50	29.52	0.00	27.53	0.00	0.00	6	0	6	0	0	17,992	4,223	0	0	0	13,770
250+31.736	25031.74	31.74	44.54	0.00	16.11	0.00	0.00	44	0	26	0	0	18,036	4,255	0	0	0	13,781
250+50	25050.00	18.26	49.67	0.00	10.42	0.00	0.00	32	0	9	0	0	18,068	4,266	0	0	0	13,802
250+58.4	25058.40	8.40	49.39	0.00	9.47	0.00	0.00	15	0	3	0	0	18,083	4,270	0	0	0	13,813
251+00	25100.00	41.60	55.09	0.00	15.75	0.00	0.00	80	0	19	0	0	18,163	4,294	0	0	0	13,869
251+50	25150.00	50.00	93.86	0.00	10.37	0.00	0.00	138	0	24	0	0	18,301	4,324	0	0	0	13,977

DIVISION 2 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
													1.00	1.25	1.10	1.30	0.80	
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
252+00	25200.00	50.00	205.58	0.00	5.06	0.00	0.00	277	0	14	0	0	18,578	4,341	0	0	0	14,237
252+50	25250.00	50.00	227.25	0.00	1.39	0.00	0.00	401	0	6	0	0	18,979	4,349	0	0	0	14,630
252+54.129	25254.13	4.13	224.66	0.00	1.42	0.00	0.00	35	0	0	0	0	19,014	4,349	0	0	0	14,665
253+00	25300.00	45.87	189.95	0.00	1.83	0.00	0.00	352	0	3	0	0	19,366	4,353	0	0	0	15,014
253+50	25350.00	50.00	71.29	0.00	5.40	0.00	0.00	242	0	7	0	0	19,608	4,361	0	0	0	15,247
254+00	25400.00	50.00	122.60	0.00	11.38	0.00	0.00	180	0	16	0	0	19,788	4,381	0	0	0	15,407
254+49.858	25449.86	49.86	81.94	0.00	22.76	0.00	0.00	189	0	32	0	0	19,977	4,421	0	0	0	15,556
254+50	25450.00	0.14	81.83	0.00	22.69	0.00	0.00	0	0	0	0	0	19,977	4,421	0	0	0	15,556
254+76.522	25476.52	26.52	61.41	0.00	5.62	0.00	0.00	70	0	14	0	0	20,047	4,439	0	0	0	15,608
254+85.414	25485.41	8.89	57.22	0.00	4.45	0.00	0.00	20	0	2	0	0	20,067	4,441	0	0	0	15,626
255+00	25500.00	14.59	53.15	0.00	0.47	0.00	0.00	30	0	1	0	0	20,097	4,443	0	0	0	15,655
255+29.858	25529.86	29.86	65.37	0.00	0.37	0.00	0.00	66	0	0	0	0	20,163	4,443	0	0	0	15,721
255+50	25550.00	20.14	68.26	0.00	1.16	0.00	0.00	50	0	1	0	0	20,213	4,444	0	0	0	15,769
255+74.303	25574.30	24.30	59.10	0.00	1.59	0.00	0.00	57	0	1	0	0	20,270	4,445	0	0	0	15,825
256+00	25600.00	25.70	52.22	0.00	2.73	0.00	0.00	53	0	2	0	0	20,323	4,448	0	0	0	15,876
256+50	25650.00	50.00	55.54	0.00	2.57	0.00	0.00	100	0	5	0	0	20,423	4,454	0	0	0	15,969
257+00	25700.00	50.00	75.53	0.00	2.17	0.00	0.00	121	0	4	0	0	20,544	4,459	0	0	0	16,085
257+50	25750.00	50.00	77.37	0.00	0.18	0.00	0.00	142	0	2	0	0	20,686	4,461	0	0	0	16,225
258+00	25800.00	50.00	95.41	0.00	0.00	0.00	0.00	160	0	0	0	0	20,846	4,461	0	0	0	16,385
258+50	25850.00	50.00	129.99	0.00	0.00	0.00	0.00	209	0	0	0	0	21,055	4,461	0	0	0	16,594
259+00	25900.00	50.00	84.91	0.00	0.00	0.00	0.00	199	0	0	0	0	21,254	4,461	0	0	0	16,793
259+36.988	25936.99	36.99	51.58	0.00	0.47	0.00	0.00	93	0	0	0	0	21,347	4,461	0	0	0	16,886
259+50	25950.00	13.01	41.40	0.00	1.61	0.00	0.00	22	0	1	0	0	21,369	4,463	0	0	0	16,907
260+00	26000.00	50.00	31.23	0.00	8.65	0.00	0.00	67	0	10	0	0	21,436	4,475	0	0	0	16,961
260+50	26050.00	50.00	42.66	0.00	11.96	0.00	0.00	68	0	19	0	0	21,504	4,499	0	0	0	17,005
261+00	26100.00	50.00	50.39	0.00	13.58	0.00	0.00	86	0	24	0	0	21,590	4,529	0	0	0	17,061
261+50	26150.00	50.00	48.56	0.00	21.48	0.00	0.00	92	0	32	0	0	21,682	4,569	0	0	0	17,113
262+00	26200.00	50.00	38.63	0.00	31.34	0.00	0.00	81	0	49	0	0	21,763	4,630	0	0	0	17,133
262+50	26250.00	50.00	36.04	0.00	56.56	0.00	0.00	69	0	81	0	0	21,832	4,731	0	0	0	17,101
263+00	26300.00	50.00	38.03	0.00	38.11	0.00	0.00	69	0	88	0	0	21,901	4,841	0	0	0	17,060
263+30.803	26330.80	30.80	37.71	0.00	41.97	0.00	0.00	43	0	46	0	0	21,944	4,899	0	0	0	17,045

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
													1.00	1.25	1.10	1.30	0.80	
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
264+28.637	26428.64	0.00	93.32	0.00	9.64	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
264+50	26450.00	21.36	94.07	0.00	13.29	0.00	0.00	74	0	9	0	0	74	11	0	0	0	63
265+00	26500.00	50.00	94.66	0.00	37.30	0.00	0.00	175	0	47	0	0	249	70	0	0	0	179
265+50	26550.00	50.00	93.50	0.00	18.73	0.00	0.00	174	0	52	0	0	423	135	0	0	0	288
266+00	26600.00	50.00	82.32	0.00	5.07	0.00	0.00	163	0	22	0	0	586	163	0	0	0	424
266+50	26650.00	50.00	90.41	0.00	1.42	0.00	0.00	160	0	6	0	0	746	170	0	0	0	576
267+00	26700.00	50.00	99.39	0.00	1.14	0.00	0.00	176	0	2	0	0	922	173	0	0	0	750
267+50	26750.00	50.00	100.55	0.00	0.18	0.00	0.00	185	0	1	0	0	1,107	174	0	0	0	933
268+00	26800.00	50.00	92.98	0.00	0.82	0.00	0.00	179	0	1	0	0	1,286	175	0	0	0	1,111
268+50	26850.00	50.00	90.57	0.00	1.43	0.00	0.00	170	0	2	0	0	1,456	178	0	0	0	1,279
269+00	26900.00	50.00	87.92	0.00	1.34	0.00	0.00	165	0	3	0	0	1,621	181	0	0	0	1,440
269+50	26950.00	50.00	84.07	0.00	5.48	0.00	0.00	159	0	6	0	0	1,780	189	0	0	0	1,591
270+00	27000.00	50.00	84.52	0.00	5.45	0.00	0.00	156	0	10	0	0	1,936	201	0	0	0	1,735
270+50	27050.00	50.00	95.43	0.00	3.09	0.00	0.00	167	0	8	0	0	2,103	211	0	0	0	1,892
271+00	27100.00	50.00	99.57	0.00	1.75	0.00	0.00	181	0	4	0	0	2,284	216	0	0	0	2,068
271+50	27150.00	50.00	115.89	0.00	0.00	0.00	0.00	200	0	2	0	0	2,484	219	0	0	0	2,265
272+00	27200.00	50.00	107.11	0.00	0.01	0.00	0.00	206	0	0	0	0	2,690	219	0	0	0	2,471
272+42.98	27242.98	42.98	106.13	0.00	0.44	0.00	0.00	170	0	0	0	0	2,860	219	0	0	0	2,641
272+45	27245.00	2.02	107.18	0.00	0.36	0.00	0.00	8	0	0	0	0	2,868	219	0	0	0	2,649
272+50	27250.00	5.00	111.09	0.00	0.15	0.00	0.00	20	0	0	0	0	2,888	219	0	0	0	2,669
272+55	27255.00	5.00	117.38	0.00	0.09	0.00	0.00	21	0	0	0	0	2,909	219	0	0	0	2,690
272+60	27260.00	5.00	126.00	0.00	0.10	0.00	0.00	23	0	0	0	0	2,932	219	0	0	0	2,713
272+65	27265.00	5.00	139.09	0.00	0.16	0.00	0.00	25	0	0	0	0	2,957	219	0	0	0	2,738
272+70	27270.00	5.00	143.22	0.00	0.46	0.00	0.00	26	0	0	0	0	2,983	219	0	0	0	2,764
272+75	27275.00	5.00	134.39	0.00	0.67	0.00	0.00	26	0	0	0	0	3,009	219	0	0	0	2,790
272+80	27280.00	5.00	127.41	0.00	0.96	0.00	0.00	24	0	0	0	0	3,033	219	0	0	0	2,814
272+85	27285.00	5.00	118.62	0.00	1.07	0.00	0.00	23	0	0	0	0	3,056	219	0	0	0	2,837
272+90	27290.00	5.00	107.56	0.00	1.39	0.00	0.00	21	0	0	0	0	3,077	219	0	0	0	2,858
272+95	27295.00	5.00	97.10	0.00	2.42	0.00	0.00	19	0	0	0	0	3,096	219	0	0	0	2,877
273+00	27300.00	5.00	91.69	0.00	0.60	0.00	0.00	17	0	0	0	0	3,113	219	0	0	0	2,894
273+05	27305.00	5.00	101.00	0.00	0.11	0.00	0.00	18	0	0	0	0	3,131	219	0	0	0	2,912

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
													1.00	1.30	1.10	1.30	0.80	
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
273+10	27310.00	5.00	110.09	0.00	0.00	0.00	0.00	20	0	0	0	0	3,151	219	0	0	0	2,932
273+15	27315.00	5.00	118.18	0.00	0.00	0.00	0.00	21	0	0	0	0	3,172	219	0	0	0	2,953
273+20	27320.00	5.00	126.83	0.00	0.00	0.00	0.00	23	0	0	0	0	3,195	219	0	0	0	2,976
273+25	27325.00	5.00	136.56	0.00	0.00	0.00	0.00	24	0	0	0	0	3,219	219	0	0	0	3,000
273+30	27330.00	5.00	144.35	0.00	0.00	0.00	0.00	26	0	0	0	0	3,245	219	0	0	0	3,026
273+35	27335.00	5.00	158.75	0.00	0.00	0.00	0.00	28	0	0	0	0	3,273	219	0	0	0	3,054
273+40	27340.00	5.00	165.99	0.00	0.00	0.00	0.00	30	0	0	0	0	3,303	219	0	0	0	3,084
273+45	27345.00	5.00	150.49	0.00	0.00	0.00	0.00	29	0	0	0	0	3,332	219	0	0	0	3,113
273+50	27350.00	5.00	144.02	0.00	0.02	0.00	0.00	27	0	0	0	0	3,359	219	0	0	0	3,140
273+55	27355.00	5.00	138.34	0.00	0.03	0.00	0.00	26	0	0	0	0	3,385	219	0	0	0	3,166
273+60	27360.00	5.00	133.42	0.00	0.07	0.00	0.00	25	0	0	0	0	3,410	219	0	0	0	3,191
273+65	27365.00	5.00	129.48	0.00	0.08	0.00	0.00	24	0	0	0	0	3,434	219	0	0	0	3,215
273+70	27370.00	5.00	125.21	0.00	1.57	0.00	0.00	24	0	0	0	0	3,458	219	0	0	0	3,239
273+73.847	27373.85	3.85	125.51	0.00	0.30	0.00	0.00	18	0	0	0	0	3,476	219	0	0	0	3,257
274+00	27400.00	26.15	126.27	0.00	3.37	0.00	0.00	122	0	2	0	0	3,598	221	0	0	0	3,377
274+50	27450.00	50.00	118.12	0.00	1.77	0.00	0.00	226	0	5	0	0	3,824	228	0	0	0	3,597
275+00	27500.00	50.00	119.73	0.00	6.91	0.00	0.00	220	0	8	0	0	4,044	238	0	0	0	3,807
275+50	27550.00	50.00	120.51	0.00	4.16	0.00	0.00	222	0	10	0	0	4,266	250	0	0	0	4,016
276+00	27600.00	50.00	122.17	0.00	4.80	0.00	0.00	225	0	8	0	0	4,491	260	0	0	0	4,231
276+50	27650.00	50.00	184.44	0.00	0.51	0.00	0.00	284	0	5	0	0	4,775	266	0	0	0	4,509
277+00	27700.00	50.00	265.55	0.00	0.00	0.00	0.00	417	0	0	0	0	5,192	266	0	0	0	4,926
277+50	27750.00	50.00	388.16	0.00	0.00	0.00	0.00	605	0	0	0	0	5,797	266	0	0	0	5,531
278+00	27800.00	50.00	482.87	0.00	0.00	0.00	0.00	807	0	0	0	0	6,604	266	0	0	0	6,338
278+50	27850.00	50.00	542.98	0.00	0.00	0.00	0.00	950	0	0	0	0	7,554	266	0	0	0	7,288
279+00	27900.00	50.00	551.62	0.00	0.00	0.00	0.00	1,014	0	0	0	0	8,568	266	0	0	0	8,302
279+50	27950.00	50.00	488.55	0.00	0.00	0.00	0.00	963	0	0	0	0	9,531	266	0	0	0	9,265
280+00	28000.00	50.00	506.13	0.00	0.00	0.00	0.00	921	0	0	0	0	10,452	266	0	0	0	10,186
280+28.17	28028.17	28.17	459.27	0.00	0.00	0.00	0.00	504	0	0	0	0	10,956	266	0	0	0	10,690
280+50	28050.00	21.83	415.26	0.00	0.00	0.00	0.00	354	0	0	0	0	11,310	266	0	0	0	11,044
281+00	28100.00	50.00	343.81	0.00	0.00	0.00	0.00	703	0	0	0	0	12,013	266	0	0	0	11,747
281+50	28150.00	50.00	256.16	0.00	0.00	0.00	0.00	556	0	0	0	0	12,569	266	0	0	0	12,303
282+00	28200.00	50.00	173.69	0.00	0.00	0.00	0.00	398	0	0	0	0	12,967	266	0	0	0	12,701
282+50	28250.00	50.00	126.27	0.00	0.95	0.00	0.00	278	0	1	0	0	13,245	268	0	0	0	12,978
283+00	28300.00	50.00	119.44	0.00	0.04	0.00	0.00	228	0	1	0	0	13,473	269	0	0	0	13,204
283+50	28350.00	50.00	62.73	0.00	1.37	0.00	0.00	169	0	1	0	0	13,642	270	0	0	0	13,372
284+00	28400.00	50.00	74.19	0.00	0.90	0.00	0.00	127	0	2	0	0	13,769	273	0	0	0	13,497
284+50	28450.00	50.00	89.57	0.00	1.00	0.00	0.00	152	0	2	0	0	13,921	275	0	0	0	13,646
285+00	28500.00	50.00	54.36	0.00	4.79	0.00	0.00	133	0	5	0	0	14,054	281	0	0	0	13,773
285+50	28550.00	50.00	43.72	0.00	7.65	0.00	0.00	91	0	12	0	0	14,145	296	0	0	0	13,849
286+00	28600.00	50.00	60.72	0.00	22.06	0.00	0.00	97	0	28	0	0	14,242	331	0	0	0	13,911
286+50	28650.00	50.00	64.71	0.00	28.55	0.00	0.00	116	0	47	0	0	14,358	390	0	0	0	13,968
287+00	28700.00	50.00	56.79	0.00	18.20	0.00	0.00	112	0	43	0	0	14,470	444	0	0	0	14,026
287+50	28750.00	50.00	42.92	0.00	21.66	0.00	0.00	92	0	37	0	0	14,562	490	0	0	0	14,072
288+00	28800.00	50.00	132.87	0.00	21.50	0.00	0.00	163	0	40	0	0	14,725	540	0	0	0	14,185
288+02.77	28802.77	2.77	133.17	0.00	21.39	0.00	0.00	14	0	2	0	0	14,739	543	0	0	0	14,197
288+50	28850.00	47.23	43.86	0.00	9.19	0.00	0.00	155	0	27	0	0	14,894	576	0	0	0	14,318
289+00	28900.00	50.00	58.01	0.00	12.59	0.00	0.00	94	0	20	0	0	14,988	601	0	0	0	14,387
289+50	28950.00	50.00	76.75	0.00	0.22	0.00	0.00	125	0	12	0	0	15,113	616	0	0	0	14,497
290+00	29000.00	50.00	40.04	0.00	6.93	0.00	0.00	108	0	7	0	0	15,221	625	0	0	0	14,596
290+50	29050.00	50.00	34.52	0.00	9.50	0.00	0.00	69	0	15	0	0	15,290	644	0	0	0	14,646
291+00	29100.00	50.00	53.65	0.00	2.15	0.00	0.00	82	0	11	0	0	15,372	658	0	0	0	14,715
291+50	29150.00	50.00	65.67	0.00	2.97	0.00	0.00	110	0	5	0	0	15,482	664	0	0	0	14,818
292+00	29200.00	50.00	71.00	0.00	1.99	0.00	0.00	127	0	5	0	0	15,609	670	0	0	0	14,939
292+50	29250.00	50.00	77.14	0.00	2.80	0.00	0.00	137	0	4	0	0	15,746	675	0	0	0	15,071
293+00	29300.00	50.00	92.63	0.00	1.82	0.00	0.00	157	0	4	0	0	15,903	680	0	0	0	15,223
293+50	29350.00	50.00	103.48	0.00	1.24	0.00	0.00	182	0	3	0	0	16,085	684	0	0	0	15,401
294+00	29400.00	50.00	113.79	0.00	3.90	0.00	0.00	201	0	5	0	0	16,286	690	0	0	0	15,596
294+27.968	29427.97	27.97	125.62	0.00	5.21	0.00	0.00	124	0	5	0	0	16,410	696	0	0	0	15,714
294+50	29450.00	22.03	132.94	0.00	5.25	0.00	0.00	105	0	4	0	0	16,515	701	0	0	0	15,814
295+00	29500.00	50.00	142.27	0.00	2.18	0.00	0.00	255	0	7	0	0	16,770	710	0	0	0	16,060
295+50	29550.00	50.00	140.03	0.00	3.64	0.00	0.00	261	0	5	0	0	17,031	716	0	0	0	16,315
296+00	29600.00	50.00	148.76	0.00	6.84	0.00	0.00	267	0	10	0	0	17,298	729	0	0	0	16,569
296+50	29650.00	50.00	178.83	0.00	14.92	0.00	0.00	303	0	20	0	0	17,601	754	0	0	0	16,847
297+00	29700.00	50.00	246.21	0.00	18.24	0.00	0.00	394	0	31	0	0	17,995	793	0	0	0	17,203
297+50	29750.00	50.00	252.57	0.00	24.09	0.00	0.00	462	0	39	0	0	18,457	841	0	0	0	17,616
298+00	29800.00	50.00	210.02	0.00	30.48	0.00	0.00	428	0	51	0	0	18,885	905	0	0	0	17,980
298+50	29850.00	50.00	153.43	0.00	29.24	0.00	0.00	337	0	55	0	0	19,222	974	0	0	0	18,248
299+00	29900.00	50.00	98.68	0.00	21.12	0.00	0.00	233	0	47	0	0	19,455	1,033	0	0	0	18,423
299+50	29950.00	50.00	97.07	0.00	10.51	0.00	0.00	181	0	29	0	0	19,636	1,069	0	0	0	18,567
300+00	30000.00	50.00	105.73	0.00	8.89	0.00	0.00	188	0	18	0	0	19,824	1,091	0	0	0	18,733
300+50	30050.00	50.00	113.78	0.00	5.28	0.00	0.00	203	0	13	0	0	20,027	1,108	0	0	0	18,920

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.30	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
301+00	30100.00	50.00	236.47	0.00	3.89	0.00	0.00	324	0	8	0	0	20,351	1,118	0	0	0	19,234
301+46.435	30146.44	46.44	134.31	0.00	6.19	0.00	0.00	319	0	9	0	0	20,670	1,129	0	0	0	19,541
301+50	30150.00	3.56	131.77	0.00	6.89	0.00	0.00	18	0	1	0	0	20,688	1,130	0	0	0	19,558
302+00	30200.00	50.00	92.46	0.00	17.51	0.00	0.00	208	0	23	0	0	20,896	1,159	0	0	0	19,737
302+50	30250.00	50.00	89.77	0.00	28.58	0.00	0.00	169	0	43	0	0	21,065	1,213	0	0	0	19,853
303+00	30300.00	50.00	85.01	0.00	16.52	0.00	0.00	162	0	42	0	0	21,227	1,265	0	0	0	19,962
303+50	30350.00	50.00	70.96	0.00	9.15	0.00	0.00	144	0	24	0	0	21,371	1,295	0	0	0	20,076
304+00	30400.00	50.00	83.62	0.00	6.17	0.00	0.00	143	0	14	0	0	21,514	1,313	0	0	0	20,202
304+50	30450.00	50.00	78.26	0.00	2.76	0.00	0.00	150	0	8	0	0	21,664	1,323	0	0	0	20,342
305+00	30500.00	50.00	114.35	0.00	0.77	0.00	0.00	178	0	3	0	0	21,842	1,326	0	0	0	20,516
305+50	30550.00	50.00	134.96	0.00	24.07	0.00	0.00	231	0	23	0	0	22,073	1,355	0	0	0	20,718
306+00	30600.00	50.00	192.84	0.00	41.25	0.00	0.00	304	0	60	0	0	22,377	1,430	0	0	0	20,947
306+50	30650.00	50.00	123.57	0.00	70.64	0.00	0.00	293	0	104	0	0	22,670	1,560	0	0	0	21,110
307+00	30700.00	50.00	74.14	0.00	32.88	0.00	0.00	183	0	96	0	0	22,853	1,680	0	0	0	21,173
307+50	30750.00	50.00	93.83	0.00	4.84	0.00	0.00	156	0	35	0	0	23,009	1,724	0	0	0	21,285
308+00	30800.00	50.00	217.74	0.00	0.00	0.00	0.00	288	0	4	0	0	23,297	1,729	0	0	0	21,568
308+50	30850.00	50.00	158.59	0.00	0.00	0.00	0.00	348	0	0	0	0	23,645	1,729	0	0	0	21,916
309+00	30900.00	50.00	216.08	0.00	0.00	0.00	0.00	347	0	0	0	0	23,992	1,729	0	0	0	22,263
309+18.782	30918.78	18.78	258.75	0.00	0.00	0.00	0.00	165	0	0	0	0	24,157	1,729	0	0	0	22,428
309+50	30950.00	31.22	347.37	0.00	0.00	0.00	0.00	350	0	0	0	0	24,507	1,729	0	0	0	22,778
309+69.782	30969.78	19.78	394.91	0.00	0.00	0.00	0.00	272	0	0	0	0	24,779	1,729	0	0	0	23,050
310+00	31000.00	30.22	454.65	0.00	0.00	0.00	0.00	475	0	0	0	0	25,254	1,729	0	0	0	23,525
310+20.782	31020.78	20.78	449.89	0.00	0.00	0.00	0.00	348	0	0	0	0	25,602	1,729	0	0	0	23,873
310+50	31050.00	29.22	466.38	0.00	0.00	0.00	0.00	496	0	0	0	0	26,098	1,729	0	0	0	24,369
310+71.788	31071.79	21.79	485.68	0.00	0.00	0.00	0.00	384	0	0	0	0	26,482	1,729	0	0	0	24,753
311+00	31100.00	28.21	520.87	0.00	0.00	0.00	0.00	526	0	0	0	0	27,008	1,729	0	0	0	25,279
311+22.782	31122.78	22.78	546.64	0.00	0.00	0.00	0.00	450	0	0	0	0	27,458	1,729	0	0	0	25,729
311+50	31150.00	27.22	535.99	0.00	0.00	0.00	0.00	546	0	0	0	0	28,004	1,729	0	0	0	26,275
311+93.819	31193.82	43.82	403.32	0.00	0.00	0.00	0.00	762	0	0	0	0	28,766	1,729	0	0	0	27,037
311+95	31195.00	1.18	403.01	0.00	0.00	0.00	0.00	18	0	0	0	0	28,784	1,729	0	0	0	27,055
312+00	31200.00	5.00	398.54	0.00	0.00	0.00	0.00	74	0	0	0	0	28,858	1,729	0	0	0	27,129
312+05	31205.00	5.00	387.16	0.00	0.00	0.00	0.00	73	0	0	0	0	28,931	1,729	0	0	0	27,202
312+10	31210.00	5.00	378.93	0.00	0.00	0.00	0.00	71	0	0	0	0	29,002	1,729	0	0	0	27,273
312+15	31215.00	5.00	374.84	0.00	0.00	0.00	0.00	70	0	0	0	0	29,072	1,729	0	0	0	27,343
312+20	31220.00	5.00	369.25	0.00	0.00	0.00	0.00	69	0	0	0	0	29,141	1,729	0	0	0	27,412
312+25	31225.00	5.00	361.42	0.00	0.00	0.00	0.00	68	0	0	0	0	29,209	1,729	0	0	0	27,480
312+30	31230.00	5.00	352.30	0.00	0.01	0.00	0.00	66	0	0	0	0	29,275	1,729	0	0	0	27,546
312+35	31235.00	5.00	338.75	0.00	0.02	0.00	0.00	64	0	0	0	0	29,339	1,729	0	0	0	27,610
312+40	31240.00	5.00	312.36	0.00	0.01	0.00	0.00	60	0	0	0	0	29,399	1,729	0	0	0	27,670
312+45	31245.00	5.00	285.21	0.00	0.00	0.00	0.00	55	0	0	0	0	29,454	1,729	0	0	0	27,725
312+50	31250.00	5.00	252.45	0.00	0.00	0.00	0.00	50	0	0	0	0	29,504	1,729	0	0	0	27,775
312+55	31255.00	5.00	213.96	0.00	0.00	0.00	0.00	43	0	0	0	0	29,547	1,729	0	0	0	27,818
312+60	31260.00	5.00	175.97	0.00	0.00	0.00	0.00	36	0	0	0	0	29,583	1,729	0	0	0	27,854
312+65	31265.00	5.00	155.29	0.00	0.00	0.00	0.00	31	0	0	0	0	29,614	1,729	0	0	0	27,885
312+70	31270.00	5.00	165.97	0.00	0.00	0.00	0.00	30	0	0	0	0	29,644	1,729	0	0	0	27,915
312+75	31275.00	5.00	179.71	0.00	0.00	0.00	0.00	32	0	0	0	0	29,676	1,729	0	0	0	27,947
312+80	31280.00	5.00	191.46	0.00	0.00	0.00	0.00	34	0	0	0	0	29,710	1,729	0	0	0	27,981
312+85	31285.00	5.00	201.69	0.00	0.00	0.00	0.00	36	0	0	0	0	29,746	1,729	0	0	0	28,017
312+90	31290.00	5.00	211.95	0.00	0.21	0.00	0.00	38	0	0	0	0	29,784	1,729	0	0	0	28,055
312+95	31295.00	5.00	230.14	0.00	0.00	0.00	0.00	41	0	0	0	0	29,825	1,729	0	0	0	28,096
313+00	31300.00	5.00	245.33	0.00	0.00	0.00	0.00	44	0	0	0	0	29,869	1,729	0	0	0	28,140
313+05	31305.00	5.00	244.08	0.00	0.00	0.00	0.00	45	0	0	0	0	29,914	1,729	0	0	0	28,185
313+10	31310.00	5.00	241.26	0.00	0.00	0.00	0.00	45	0	0	0	0	29,959	1,729	0	0	0	28,230
313+15	31315.00	5.00	241.94	0.00	0.00	0.00	0.00	45	0	0	0	0	30,004	1,729	0	0	0	28,275
313+20	31320.00	5.00	234.52	0.00	0.00	0.00	0.00	44	0	0	0	0	30,048	1,729	0	0	0	28,319
313+25	31325.00	5.00	220.19	0.00	0.00	0.00	0.00	42	0	0	0	0	30,090	1,729	0	0	0	28,361
313+30	31330.00	5.00	205.97	0.00	0.00	0.00	0.00	39	0	0	0	0	30,129	1,729	0	0	0	28,400
313+31.223	31331.22	1.22	158.04	0.00	0.00	0.00	0.00	8	0	0	0	0	30,137	1,729	0	0	0	28,408
313+50	31350.00	18.78	181.43	0.00	1.62	0.00	0.00	118	0	1	0	0	30,255	1,730	0	0	0	28,525
314+00	31400.00	50.00	212.82	0.00	0.00	0.00	0.00	365	0	1	0	0	30,620	1,731	0	0	0	28,889
314+18.251	31418.25	18.25	200.18	0.00	0.00	0.00	0.00	140	0	0	0	0	30,760	1,731	0	0	0	29,029
314+50	31450.00	31.75	189.25	0.00	0.00	0.00	0.00	229	0	0	0	0	30,989	1,731	0	0	0	29,258
314+69.246	31469.25	19.25	195.56	0.00	0.00	0.00	0.00	137	0	0	0	0	31,126	1,731	0	0	0	29,395
315+00	31500.00	30.75	156.07	0.00	0.00	0.00	0.00	200	0	0	0	0	31,326	1,731	0	0	0	29,595
315+50	31550.00	50.00	203.53	0.00	3.19	0.00	0.00	333	0	3	0	0	31,659	1,735	0	0	0	29,924
316+00	31600.00	50.00	264.90	0.00	9.29	0.00	0.00	434	0	12	0	0	32,093	1,750	0	0	0	30,343
316+31.551	31631.55	31.55	294.20	0.00	16.59	0.00	0.00	327	0	15	0	0	32,420	1,769	0	0	0	30,651
316+50	31650.00	18.45	314.71	0.00	23.83	0.00	0.00	208	0	14	0	0	32,628	1,786	0	0	0	30,842
316+73.213	31673.21	23.21	346.98	0.00	33.14	0.00	0.00	284	0	24	0	0	32,912	1,816	0	0	0	31,096
317+00	31700.00	26.79	367.55	0.00	40.17	0.00	0.00	354	0	36	0	0	33,266	1,861	0	0	0	31,405
317+19.879	31719.88	19.88	398.13	0.00	35.78	0.00	0.00	282	0	28	0	0	33,548	1,896	0	0	0	31,652

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
													1.00	1.30	1.10	1.30	0.80	
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
317+50	31750.00	30.12	444.08	0.00	25.83	0.00	0.00	470	0	34	0	0	34,018	1,939	0	0	0	32,079
317+66.544	31766.54	16.54	475.30	0.00	19.83	0.00	0.00	282	0	14	0	0	34,300	1,956	0	0	0	32,344
318+00	31800.00	33.46	486.37	0.00	21.68	0.00	0.00	596	0	26	0	0	34,896	1,989	0	0	0	32,907
318+08.206	31808.21	8.21	469.37	0.00	23.20	0.00	0.00	145	0	7	0	0	35,041	1,998	0	0	0	33,044
318+40.524	31840.52	32.32	375.07	0.00	34.25	0.00	0.00	505	0	34	0	0	35,546	2,040	0	0	0	33,506
318+50	31850.00	9.48	344.27	0.00	39.24	0.00	0.00	126	0	13	0	0	35,672	2,056	0	0	0	33,616
318+91.544	31891.54	41.54	230.92	0.00	65.95	0.00	0.00	443	0	81	0	0	36,115	2,158	0	0	0	33,958
319+00	31900.00	8.46	212.94	0.00	70.28	0.00	0.00	70	0	21	0	0	36,185	2,184	0	0	0	34,001
319+42.564	31942.56	42.56	140.16	0.00	91.00	0.00	0.00	278	0	127	0	0	36,463	2,343	0	0	0	34,121
319+50	31950.00	7.44	123.40	0.00	94.03	0.00	0.00	36	0	25	0	0	36,499	2,374	0	0	0	34,125
320+00	32000.00	50.00	37.83	0.00	115.86	0.00	0.00	149	0	194	0	0	36,648	2,616	0	0	0	34,032
320+50	32050.00	50.00	2.37	0.00	143.66	0.00	0.00	37	0	240	0	0	36,685	2,916	0	0	0	33,769
321+00	32100.00	50.00	27.25	0.00	152.54	0.00	0.00	27	0	274	0	0	36,712	3,259	0	0	0	33,453
321+50	32150.00	50.00	20.00	0.00	118.23	0.00	0.00	44	0	251	0	0	36,756	3,573	0	0	0	33,184
321+77.693	32177.69	27.69	28.76	0.00	90.50	0.00	0.00	25	0	107	0	0	36,781	3,706	0	0	0	33,075
322+00	32200.00	22.31	35.23	0.00	69.66	0.00	0.00	26	0	66	0	0	36,807	3,789	0	0	0	33,018
322+28.693	32228.69	28.69	41.40	0.00	45.84	0.00	0.00	41	0	61	0	0	36,848	3,865	0	0	0	32,983
322+50	32250.00	21.31	43.91	0.00	38.29	0.00	0.00	34	0	33	0	0	36,882	3,906	0	0	0	32,976
322+79.693	32279.69	29.69	40.42	0.00	48.04	0.00	0.00	46	0	47	0	0	36,928	3,965	0	0	0	32,963
323+00	32300.00	20.31	39.13	0.00	62.74	0.00	0.00	30	0	42	0	0	36,958	4,018	0	0	0	32,941
323+30.698	32330.70	30.70	53.84	0.00	76.79	0.00	0.00	53	0	79	0	0	37,011	4,116	0	0	0	32,895
323+50	32350.00	19.30	68.70	0.00	75.78	0.00	0.00	44	0	55	0	0	37,055	4,185	0	0	0	32,870
323+81.693	32381.69	31.69	86.59	0.00	69.27	0.00	0.00	91	0	85	0	0	37,146	4,291	0	0	0	32,855
324+00	32400.00	18.31	104.42	0.00	71.93	0.00	0.00	65	0	48	0	0	37,211	4,351	0	0	0	32,860
324+50	32450.00	50.00	101.03	0.00	74.53	0.00	0.00	190	0	136	0	0	37,401	4,521	0	0	0	32,880
325+00	32500.00	50.00	74.36	0.00	42.29	0.00	0.00	162	0	108	0	0	37,563	4,656	0	0	0	32,907
325+37.366	32537.37	37.37	32.01	0.00	79.30	0.00	0.00	74	0	84	0	0	37,637	4,761	0	0	0	32,876
325+50	32550.00	12.63	42.27	0.00	73.88	0.00	0.00	17	0	36	0	0	37,654	4,806	0	0	0	32,848
326+00	32600.00	50.00	58.91	0.00	66.72	0.00	0.00	94	0	130	0	0	37,748	4,969	0	0	0	32,779
326+20.21	32620.21	20.21	49.89	0.00	53.68	0.00	0.00	41	0	45	0	0	37,789	5,025	0	0	0	32,764
326+25	32625.00	4.79	51.59	0.00	44.30	0.00	0.00	9	0	9	0	0	37,798	5,036	0	0	0	32,762
326+30	32630.00	5.00	53.33	0.00	36.29	0.00	0.00	10	0	7	0	0	37,808	5,045	0	0	0	32,763
326+35	32635.00	5.00	56.66	0.00	30.87	0.00	0.00	10	0	6	0	0	37,818	5,053	0	0	0	32,766
326+40	32640.00	5.00	61.59	0.00	24.90	0.00	0.00	11	0	5	0	0	37,829	5,059	0	0	0	32,770
326+45	32645.00	5.00	68.60	0.00	21.16	0.00	0.00	12	0	4	0	0	37,841	5,064	0	0	0	32,777
326+50	32650.00	5.00	73.63	0.00	18.21	0.00	0.00	13	0	4	0	0	37,854	5,069	0	0	0	32,785
326+55	32655.00	5.00	76.66	0.00	17.75	0.00	0.00	14	0	3	0	0	37,868	5,073	0	0	0	32,796
326+60	32660.00	5.00	86.36	0.00	18.07	0.00	0.00	15	0	3	0	0	37,883	5,076	0	0	0	32,807
326+65	32665.00	5.00	97.74	0.00	18.81	0.00	0.00	17	0	3	0	0	37,900	5,080	0	0	0	32,820
326+70	32670.00	5.00	110.17	0.00	12.31	0.00	0.00	19	0	3	0	0	37,919	5,084	0	0	0	32,835
326+75	32675.00	5.00	120.87	0.00	0.52	0.00	0.00	21	0	1	0	0	37,940	5,085	0	0	0	32,855
326+80	32680.00	5.00	104.58	0.00	0.66	0.00	0.00	21	0	0	0	0	37,961	5,085	0	0	0	32,876
326+85	32685.00	5.00	83.75	0.00	1.23	0.00	0.00	17	0	0	0	0	37,978	5,085	0	0	0	32,893
326+90	32690.00	5.00	69.55	0.00	1.62	0.00	0.00	14	0	0	0	0	37,992	5,085	0	0	0	32,907
326+95	32695.00	5.00	75.63	0.00	1.92	0.00	0.00	13	0	0	0	0	38,005	5,085	0	0	0	32,920
327+00	32700.00	5.00	79.22	0.00	2.49	0.00	0.00	14	0	0	0	0	38,019	5,085	0	0	0	32,934
327+05	32705.00	5.00	82.97	0.00	2.91	0.00	0.00	15	0	1	0	0	38,034	5,086	0	0	0	32,948
327+10	32710.00	5.00	86.92	0.00	3.32	0.00	0.00	16	0	1	0	0	38,050	5,088	0	0	0	32,963
327+15	32715.00	5.00	90.13	0.00	3.67	0.00	0.00	16	0	1	0	0	38,066	5,089	0	0	0	32,977
327+20	32720.00	5.00	89.60	0.00	4.04	0.00	0.00	17	0	1	0	0	38,083	5,090	0	0	0	32,993
327+25	32725.00	5.00	94.47	0.00	4.53	0.00	0.00	17	0	1	0	0	38,100	5,091	0	0	0	33,009
327+30	32730.00	5.00	103.18	0.00	4.87	0.00	0.00	18	0	1	0	0	38,118	5,093	0	0	0	33,026
327+35	32735.00	5.00	111.82	0.00	4.92	0.00	0.00	20	0	1	0	0	38,138	5,094	0	0	0	33,044
327+40	32740.00	5.00	105.06	0.00	5.06	0.00	0.00	20	0	1	0	0	38,158	5,095	0	0	0	33,063
327+45	32745.00	5.00	98.47	0.00	5.50	0.00	0.00	19	0	1	0	0	38,177	5,096	0	0	0	33,081
327+50	32750.00	5.00	89.51	0.00	7.73	0.00	0.00	17	0	1	0	0	38,194	5,098	0	0	0	33,097
327+55	32755.00	5.00	79.90	0.00	12.88	0.00	0.00	16	0	2	0	0	38,210	5,100	0	0	0	33,110
327+60	32760.00	5.00	76.87	0.00	23.56	0.00	0.00	15	0	3	0	0	38,225	5,104	0	0	0	33,121
327+63.015	32763.02	3.02	75.52	0.00	35.80	0.00	0.00	9	0	3	0	0	38,234	5,108	0	0	0	33,127
328+00	32800.00	36.98	73.40	0.00	74.09	0.00	0.00	102	0	75	0	0	38,336	5,201	0	0	0	33,135
328+50	32850.00	50.00	97.24	0.00	108.61	0.00	0.00	158	0	169	0	0	38,494	5,413	0	0	0	33,082
329+00	32900.00	50.00	91.67	0.00	89.51	0.00	0.00	175	0	183	0	0	38,669	5,641	0	0	0	33,028
329+50	32950.00	50.00	195.58	0.00	52.50	0.00	0.00	266	0	131	0	0	38,935	5,805	0	0	0	33,130
329+73.241	32973.24	23.24	258.60	0.00	46.02	0.00	0.00	195	0	42	0	0	39,130	5,858	0	0	0	33,273
330+00	33000.00	26.76	301.17	0.00	43.41	0.00	0.00	277	0	44	0	0	39,407	5,913	0	0	0	33,495
330+24.235	33024.24	24.24	335.80	0.00	29.63	0.00	0.00	286	0	33	0	0	39,693	5,954	0	0	0	33,739
330+50	33050.00	25.76	340.95	0.00	0.00	0.00	0.00	323	0	14	0	0	40,016	5,971	0	0	0	34,045
331+00	33100.00	50.00	322.21	0.00	7.23	0.00	0.00	614	0	7	0	0	40,630	5,980	0	0	0	34,650
331+50	33150.00	50.00	213.76	0.00	6.78	0.00	0.00	496	0	13	0	0	41,126	5,996	0	0	0	35,130
332+00	33200.00	50.00	118.55	0.00	22.37	0.00	0.00	308	0	27	0	0	41,434	6,030	0	0	0	35,404
332+50	33250.00	50.00	69.18	0.00	38.37	0.00	0.00	174	0	56	0	0	41,608	6,100	0	0	0	35,508

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.30	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
333+00	33300.00	50.00	48.75	0.00	35.02	0.00	0.00	109	0	68	0	0	41,717	6,185	0	0	0	35,532
333+50	33350.00	50.00	92.30	0.00	8.38	0.00	0.00	131	0	40	0	0	41,848	6,235	0	0	0	35,613
333+73.228	33373.23	23.23	93.63	0.00	25.99	0.00	0.00	80	0	15	0	0	41,928	6,254	0	0	0	35,674
334+00	33400.00	26.77	57.36	0.00	35.71	0.00	0.00	75	0	31	0	0	42,003	6,293	0	0	0	35,711
334+50	33450.00	50.00	46.94	0.00	65.68	0.00	0.00	97	0	94	0	0	42,100	6,410	0	0	0	35,690
335+00	33500.00	50.00	51.35	0.00	80.83	0.00	0.00	91	0	136	0	0	42,191	6,580	0	0	0	35,611
335+50	33550.00	50.00	66.23	0.00	83.91	0.00	0.00	109	0	153	0	0	42,300	6,771	0	0	0	35,529
336+00	33600.00	50.00	95.59	0.00	48.78	0.00	0.00	150	0	123	0	0	42,450	6,925	0	0	0	35,525
336+50	33650.00	50.00	133.27	0.00	57.77	0.00	0.00	212	0	99	0	0	42,662	7,049	0	0	0	35,613
337+00	33700.00	50.00	120.36	0.00	64.04	0.00	0.00	235	0	113	0	0	42,897	7,190	0	0	0	35,707
337+22.221	33722.22	22.22	222.29	0.00	50.31	0.00	0.00	141	0	47	0	0	43,038	7,249	0	0	0	35,789
337+50	33750.00	27.78	228.79	0.00	38.87	0.00	0.00	232	0	46	0	0	43,270	7,306	0	0	0	35,964
337+73.216	33773.22	23.22	221.02	0.00	26.35	0.00	0.00	193	0	28	0	0	43,463	7,341	0	0	0	36,122
338+00	33800.00	26.78	209.47	0.00	14.37	0.00	0.00	214	0	20	0	0	43,677	7,366	0	0	0	36,311
338+50	33850.00	50.00	226.49	0.00	10.56	0.00	0.00	404	0	23	0	0	44,081	7,395	0	0	0	36,686
339+00	33900.00	50.00	361.23	0.00	0.00	0.00	0.00	544	0	10	0	0	44,625	7,408	0	0	0	37,218
339+50	33950.00	50.00	236.41	0.00	5.03	0.00	0.00	553	0	5	0	0	45,178	7,414	0	0	0	37,764
340+00	34000.00	50.00	199.35	0.00	6.58	0.00	0.00	403	0	11	0	0	45,581	7,428	0	0	0	38,154
340+50	34050.00	50.00	119.94	0.00	2.77	0.00	0.00	296	0	9	0	0	45,877	7,439	0	0	0	38,438
340+64.491	34064.49	14.49	131.43	0.00	0.51	0.00	0.00	67	0	1	0	0	45,944	7,440	0	0	0	38,504
341+00	34100.00	35.51	171.65	0.00	1.87	0.00	0.00	199	0	2	0	0	46,143	7,443	0	0	0	38,701
341+15.486	34115.49	15.49	136.27	0.00	12.80	0.00	0.00	88	0	4	0	0	46,231	7,448	0	0	0	38,784
341+50	34150.00	34.51	128.74	0.00	0.38	0.00	0.00	169	0	8	0	0	46,400	7,458	0	0	0	38,943
341+59.889	34159.89	9.89	123.80	0.00	0.10	0.00	0.00	46	0	0	0	0	46,446	7,458	0	0	0	38,989
342+00	34200.00	40.11	194.87	0.00	0.00	0.00	0.00	237	0	0	0	0	46,683	7,458	0	0	0	39,226
342+04.293	34204.29	4.29	179.84	0.00	0.01	0.00	0.00	30	0	0	0	0	46,713	7,458	0	0	0	39,256
342+50	34250.00	45.71	158.00	0.00	0.00	0.00	0.00	286	0	0	0	0	46,999	7,458	0	0	0	39,542
342+55.288	34255.29	5.29	158.85	0.00	0.00	0.00	0.00	31	0	0	0	0	47,030	7,458	0	0	0	39,573
343+00	34300.00	44.71	181.37	0.00	2.56	0.00	0.00	282	0	2	0	0	47,312	7,460	0	0	0	39,852
343+50	34350.00	50.00	293.30	0.00	15.06	0.00	0.00	440	0	16	0	0	47,752	7,480	0	0	0	40,272
344+00	34400.00	50.00	307.84	0.00	0.00	0.00	0.00	557	0	14	0	0	48,309	7,498	0	0	0	40,812
344+50	34450.00	50.00	276.58	0.00	0.00	0.00	0.00	541	0	0	0	0	48,850	7,498	0	0	0	41,353
344+69.317	34469.32	19.32	279.80	0.00	0.00	0.00	0.00	199	0	0	0	0	49,049	7,498	0	0	0	41,552
345+00	34500.00	30.68	283.84	0.00	0.00	0.00	0.00	320	0	0	0	0	49,369	7,498	0	0	0	41,872
345+20.311	34520.31	20.31	259.24	0.00	0.00	0.00	0.00	204	0	0	0	0	49,573	7,498	0	0	0	42,076
345+50	34550.00	29.69	247.44	0.00	0.00	0.00	0.00	279	0	0	0	0	49,852	7,498	0	0	0	42,355
345+58.619	34558.62	8.62	257.49	0.00	0.00	0.00	0.00	81	0	0	0	0	49,933	7,498	0	0	0	42,436
345+96.926	34596.93	38.31	287.15	0.00	0.01	0.00	0.00	386	0	0	0	0	50,319	7,498	0	0	0	42,822
346+00	34600.00	3.07	288.16	0.00	0.06	0.00	0.00	33	0	0	0	0	50,352	7,498	0	0	0	42,855
346+47.921	34647.92	47.92	304.36	0.00	0.29	0.00	0.00	526	0	0	0	0	50,878	7,498	0	0	0	43,381
346+50	34650.00	2.08	308.54	0.00	0.00	0.00	0.00	24	0	0	0	0	50,902	7,498	0	0	0	43,405
346+99.464	34699.46	49.46	289.57	0.00	0.29	0.00	0.00	548	0	0	0	0	51,450	7,498	0	0	0	43,953
347+00	34700.00	0.54	289.26	0.00	0.30	0.00	0.00	6	0	0	0	0	51,456	7,498	0	0	0	43,959
347+50	34750.00	50.00	226.24	0.00	53.78	0.00	0.00	477	0	50	0	0	51,933	7,560	0	0	0	44,373
347+50.459	34750.46	0.46	225.86	0.00	53.88	0.00	0.00	4	0	1	0	0	51,937	7,561	0	0	0	44,376
348+00	34800.00	49.54	197.29	0.00	0.00	0.00	0.00	388	0	49	0	0	52,325	7,623	0	0	0	44,703
348+50	34850.00	50.00	167.83	0.00	0.00	0.00	0.00	338	0	0	0	0	52,663	7,623	0	0	0	45,041
349+00	34900.00	50.00	139.18	0.00	0.09	0.00	0.00	284	0	0	0	0	52,947	7,623	0	0	0	45,325
349+50	34950.00	50.00	179.48	0.00	0.16	0.00	0.00	295	0	0	0	0	53,242	7,623	0	0	0	45,620
349+94.661	34994.66	44.66	122.69	0.00	1.28	0.00	0.00	250	0	1	0	0	53,492	7,624	0	0	0	45,868
350+00	35000.00	5.34	116.34	0.00	1.42	0.00	0.00	24	0	0	0	0	53,516	7,624	0	0	0	45,892
350+50	35050.00	50.00	93.63	0.00	10.58	0.00	0.00	194	0	11	0	0	53,710	7,638	0	0	0	46,073
351+00	35100.00	50.00	151.16	0.00	102.93	0.00	0.00	227	0	105	0	0	53,937	7,769	0	0	0	46,168
351+50	35150.00	50.00	131.07	0.00	108.96	0.00	0.00	261	0	196	0	0	54,198	8,014	0	0	0	46,184
352+00	35200.00	50.00	108.15	0.00	114.77	0.00	0.00	221	0	207	0	0	54,419	8,273	0	0	0	46,147
352+38.863	35238.86	38.86	140.43	0.00	101.06	0.00	0.00	179	0	155	0	0	54,598	8,466	0	0	0	46,132
352+50	35250.00	11.14	138.79	0.00	58.81	0.00	0.00	58	0	33	0	0	54,656	8,508	0	0	0	46,149
352+89.858	35289.86	39.86	203.74	0.00	63.54	0.00	0.00	253	0	90	0	0	54,909	8,620	0	0	0	46,289
353+00	35300.00	10.14	236.31	0.00	66.62	0.00	0.00	83	0	24	0	0	54,992	8,650	0	0	0	46,342
353+40.863	35340.86	40.86	216.66	0.00	70.74	0.00	0.00	343	0	104	0	0	55,335	8,780	0	0	0	46,555
353+50	35350.00	9.14	206.14	0.00	70.21	0.00	0.00	72	0	24	0	0	55,407	8,810	0	0	0	46,597
353+91.863	35391.86	41.86	179.74	0.00	70.36	0.00	0.00	299	0	109	0	0	55,706	8,946	0	0	0	46,760
354+00	35400.00	8.14	181.70	0.00	70.79	0.00	0.00	54	0	21	0	0	55,760	8,973	0	0	0	46,788
354+42.863	35442.86	42.86	276.65	0.00	74.36	0.00	0.00	364	0	115	0	0	56,124	9,116	0	0	0	47,008
354+50	35450.00	7.14	294.14	0.00	65.09	0.00	0.00	75	0	18	0	0	56,199	9,139	0	0	0	47,060
354+70.608	35470.61	20.61	328.53	0.00	42.52	0.00	0.00	238	0	41	0	0	56,437	9,190	0	0	0	47,247
355+00	35500.00	29.39	337.01	0.00	39.23	0.00	0.00	362	0	44	0	0	56,799	9,245	0	0	0	47,554
355+21.608	35521.61	21.61	334.63	0.00	70.99	0.00	0.00	269	0	44	0	0	57,068	9,300	0	0	0	47,768
355+50	35550.00	28.39	279.46	0.00	108.40	0.00	0.00	323	0	94	0	0	57,391	9,418	0	0	0	47,974
355+72.608	35572.61	22.61	197.54	0.00	138.81	0.00	0.00	200	0	103	0	0	57,591	9,546	0	0	0	48,045
356+00	35600.00	27.39	117.26	0.00	173.41	0.00	0.00	160	0	158	0	0	57,751	9,744	0	0	0	48,007

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.30	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
356+23.613	35623.61	23.61	56.07	0.00	179.96	0.00	0.00	76	0	155	0	0	57,827	9,938	0	0	0	47,890
356+50	35650.00	26.39	4.27	0.00	206.46	0.00	0.00	29	0	189	0	0	57,856	10,174	0	0	0	47,682
356+74.608	35674.61	24.61	0.00	0.00	235.90	0.00	0.00	2	0	202	0	0	57,858	10,426	0	0	0	47,432
357+00	35700.00	25.39	0.00	0.00	251.24	0.00	0.00	0	0	229	0	0	57,858	10,713	0	0	0	47,146
357+50	35750.00	50.00	0.72	0.00	150.50	0.00	0.00	1	0	372	0	0	57,859	11,178	0	0	0	46,682
358+00	35800.00	50.00	23.71	0.00	29.03	0.00	0.00	23	0	166	0	0	57,882	11,385	0	0	0	46,497
358+50	35850.00	50.00	119.32	0.00	9.92	0.00	0.00	132	0	36	0	0	58,014	11,430	0	0	0	46,584
358+51.695	35851.69	1.69	122.86	0.00	9.15	0.00	0.00	8	0	1	0	0	58,022	11,431	0	0	0	46,591
359+00	35900.00	48.31	268.17	0.00	0.00	0.00	0.00	350	0	8	0	0	58,372	11,441	0	0	0	46,931
359+50	35950.00	50.00	232.66	0.00	0.00	0.00	0.00	464	0	0	0	0	58,836	11,441	0	0	0	47,395
360+00	36000.00	50.00	381.02	0.00	0.00	0.00	0.00	568	0	0	0	0	59,404	11,441	0	0	0	47,963
360+28.781	36028.78	28.78	433.42	0.00	0.00	0.00	0.00	434	0	0	0	0	59,838	11,441	0	0	0	48,397
360+50	36050.00	21.22	489.49	0.00	0.00	0.00	0.00	363	0	0	0	0	60,201	11,441	0	0	0	48,760
360+79.776	36079.78	29.78	525.05	0.00	0.01	0.00	0.00	559	0	0	0	0	60,760	11,441	0	0	0	49,319
361+00	36100.00	20.22	511.02	0.00	0.00	0.00	0.00	388	0	0	0	0	61,148	11,441	0	0	0	49,707
361+30.781	36130.78	30.78	447.10	0.00	0.15	0.00	0.00	546	0	0	0	0	61,694	11,441	0	0	0	50,253
361+50	36150.00	19.22	421.47	0.00	1.10	0.00	0.00	309	0	0	0	0	62,003	11,441	0	0	0	50,562
361+81.781	36181.78	31.78	415.36	0.00	0.08	0.00	0.00	493	0	1	0	0	62,496	11,443	0	0	0	51,054
362+00	36200.00	18.22	414.79	0.00	0.00	0.00	0.00	280	0	0	0	0	62,776	11,443	0	0	0	51,334
362+32.781	36232.78	32.78	408.45	0.00	0.00	0.00	0.00	500	0	0	0	0	63,276	11,443	0	0	0	51,834
362+50	36250.00	17.22	399.27	0.00	0.00	0.00	0.00	258	0	0	0	0	63,534	11,443	0	0	0	52,092
362+93.646	36293.65	43.65	284.95	0.00	0.00	0.00	0.00	553	0	0	0	0	64,087	11,443	0	0	0	52,645
363+00	36300.00	6.35	271.95	0.00	0.00	0.00	0.00	66	0	0	0	0	64,153	11,443	0	0	0	52,711
363+44.646	36344.65	44.65	230.45	0.00	0.21	0.00	0.00	415	0	0	0	0	64,568	11,443	0	0	0	53,126
363+50	36350.00	5.35	227.63	0.00	0.00	0.00	0.00	45	0	0	0	0	64,613	11,443	0	0	0	53,171
363+95.646	36395.65	45.65	192.66	0.00	0.00	0.00	0.00	355	0	0	0	0	64,968	11,443	0	0	0	53,526
364+00	36400.00	4.35	182.65	0.00	0.00	0.00	0.00	30	0	0	0	0	64,998	11,443	0	0	0	53,556
364+46.651	36446.65	46.65	199.83	0.00	0.00	0.00	0.00	330	0	0	0	0	65,328	11,443	0	0	0	53,886
364+50	36450.00	3.35	198.50	0.00	0.00	0.00	0.00	25	0	0	0	0	65,353	11,443	0	0	0	53,911
364+97.646	36497.65	47.65	261.00	0.00	0.00	0.00	0.00	405	0	0	0	0	65,758	11,443	0	0	0	54,316
365+00	36500.00	2.35	273.86	0.00	0.00	0.00	0.00	23	0	0	0	0	65,781	11,443	0	0	0	54,339
365+50	36550.00	50.00	350.85	0.00	0.00	0.00	0.00	578	0	0	0	0	66,359	11,443	0	0	0	54,917
366+00	36600.00	50.00	328.88	0.00	0.00	0.00	0.00	629	0	0	0	0	66,988	11,443	0	0	0	55,546
366+50	36650.00	50.00	381.49	0.00	0.00	0.00	0.00	658	0	0	0	0	67,646	11,443	0	0	0	56,204
367+00	36700.00	50.00	455.57	0.00	0.00	0.00	0.00	775	0	0	0	0	68,421	11,443	0	0	0	56,979
367+50	36750.00	50.00	615.02	0.00	0.00	0.00	0.00	991	0	0	0	0	69,412	11,443	0	0	0	57,970
368+00	36800.00	50.00	555.43	0.00	0.00	0.00	0.00	1,084	0	0	0	0	70,496	11,443	0	0	0	59,054
368+20.675	36820.68	20.68	444.49	0.00	0.00	0.00	0.00	383	0	0	0	0	70,879	11,443	0	0	0	59,437
368+50	36850.00	29.32	411.46	0.00	0.00	0.00	0.00	465	0	0	0	0	71,344	11,443	0	0	0	59,902
369+00	36900.00	50.00	522.04	0.00	1.78	0.00	0.00	864	0	2	0	0	72,208	11,445	0	0	0	60,763
369+50	36950.00	50.00	979.87	0.00	7.44	0.00	0.00	1,391	0	9	0	0	73,599	11,456	0	0	0	62,143
370+00	37000.00	50.00	818.51	0.00	11.88	0.00	0.00	1,665	0	18	0	0	75,264	11,479	0	0	0	63,785
370+50	37050.00	50.00	705.10	0.00	14.66	0.00	0.00	1,411	0	25	0	0	76,675	11,510	0	0	0	65,165
371+00	37100.00	50.00	281.70	0.00	32.79	0.00	0.00	914	0	44	0	0	77,589	11,565	0	0	0	66,024
371+43.705	37143.70	43.70	169.24	0.00	4.85	0.00	0.00	365	0	30	0	0	77,954	11,603	0	0	0	66,352
371+50	37150.00	6.30	166.23	0.00	6.43	0.00	0.00	39	0	1	0	0	77,993	11,604	0	0	0	66,389
371+94.7	37194.70	44.70	124.93	0.00	14.44	0.00	0.00	241	0	17	0	0	78,234	11,625	0	0	0	66,609
372+00	37200.00	5.30	122.39	0.00	15.77	0.00	0.00	24	0	3	0	0	78,258	11,629	0	0	0	66,629
372+45.705	37245.70	45.70	119.20	0.00	31.51	0.00	0.00	204	0	40	0	0	78,462	11,679	0	0	0	66,783
372+50	37250.00	4.30	119.34	0.00	30.30	0.00	0.00	19	0	5	0	0	78,481	11,685	0	0	0	66,796
372+96.705	37296.70	46.70	137.07	0.00	43.62	0.00	0.00	222	0	64	0	0	78,703	11,765	0	0	0	66,938
373+00	37300.00	3.30	136.77	0.00	47.64	0.00	0.00	17	0	6	0	0	78,720	11,773	0	0	0	66,948
373+47.705	37347.70	47.70	152.80	0.00	59.45	0.00	0.00	256	0	95	0	0	78,976	11,891	0	0	0	67,085
373+50	37350.00	2.30	153.39	0.00	60.01	0.00	0.00	13	0	5	0	0	78,989	11,898	0	0	0	67,092
374+00	37400.00	50.00	153.40	0.00	70.25	0.00	0.00	284	0	121	0	0	79,273	12,049	0	0	0	67,224
374+50	37450.00	50.00	156.38	0.00	85.62	0.00	0.00	287	0	144	0	0	79,560	12,229	0	0	0	67,331
374+52.669	37452.67	2.67	156.94	0.00	104.24	0.00	0.00	15	0	9	0	0	79,575	12,240	0	0	0	67,335
375+00	37500.00	47.33	291.16	0.00	201.30	0.00	0.00	393	0	268	0	0	79,968	12,575	0	0	0	67,393
375+03.919	37503.92	3.92	305.80	0.00	209.94	0.00	0.00	43	0	30	0	0	80,011	12,613	0	0	0	67,399
375+50	37550.00	46.08	228.25	0.00	41.90	0.00	0.00	456	0	215	0	0	80,467	12,881	0	0	0	67,586
375+55.169	37555.17	5.17	186.98	0.00	16.95	0.00	0.00	40	0	6	0	0	80,507	12,889	0	0	0	67,618
375+85.923	37585.92	30.75	176.82	0.00	31.25	0.00	0.00	207	0	27	0	0	80,714	12,923	0	0	0	67,792
376+00	37600.00	14.08	577.07	0.00	5.03	0.00	0.00	197	0	9	0	0	80,911	12,934	0	0	0	67,977
376+26.919	37626.92	26.92	1063.79	0.00	0.11	0.00	0.00	818	0	3	0	0	81,729	12,938	0	0	0	68,792
376+50	37650.00	23.08	1411.12	0.00	0.66	0.00	0.00	1,058	0	0	0	0	82,787	12,938	0	0	0	69,850
377+00	37700.00	50.00	2050.63	0.00	3.99	0.00	0.00	3,205	0	4	0	0	85,992	12,943	0	0	0	73,050
377+50	37750.00	50.00	2091.41	0.00	3.00	0.00	0.00	3,835	0	6	0	0	89,827	12,950	0	0	0	76,877
378+00	37800.00	50.00	1749.15	0.00	0.10	0.00	0.00	3,556	0	3	0	0	93,383	12,954	0	0	0	80,429
378+50	37850.00	50.00	1303.56	0.00	0.02	0.00	0.00	2,827	0	0	0	0	96,210	12,954	0	0	0	83,256
379+00	37900.00	50.00	969.36	0.00	0.20	0.00	0.00	2,105	0	0	0	0	98,315	12,954	0	0	0	85,361
379+50	37950.00	50.00	962.89	0.00	2.08	0.00	0.00	1,789	0	2	0	0	100,104	12,956	0	0	0	87,148

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00 NOTE 1	EXPANDED FILL 1.30	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30 NOTE 5	REDUCED EBS IN FILL 0.80 NOTE 7	MASS ORDINATE NOTE 8
								NOTE 1	NOTE 2	NOTE 3								
380+00	38000.00	50.00	1174.84	0.00	0.15	0.00	0.00	1,979	0	2	0	0	102,083	12,959	0	0	0	89,124
380+50	38050.00	50.00	1019.41	0.00	8.09	0.00	0.00	2,032	0	8	0	0	104,115	12,969	0	0	0	91,146
381+00	38100.00	50.00	1101.33	0.00	1.82	0.00	0.00	1,964	0	9	0	0	106,079	12,980	0	0	0	93,099
381+32.794	38132.79	32.79	1146.47	0.00	5.91	0.00	0.00	1,365	0	5	0	0	107,444	12,986	0	0	0	94,458
381+50	38150.00	17.21	1141.04	0.00	2.84	0.00	0.00	729	0	3	0	0	108,173	12,990	0	0	0	95,183
382+00	38200.00	50.00	1101.38	0.00	0.42	0.00	0.00	2,076	0	3	0	0	110,249	12,994	0	0	0	97,255
382+50	38250.00	50.00	993.66	0.00	0.00	0.00	0.00	1,940	0	0	0	0	112,189	12,994	0	0	0	99,195
383+00	38300.00	50.00	848.57	0.00	0.00	0.00	0.00	1,706	0	0	0	0	113,895	12,994	0	0	0	100,901
383+50	38350.00	50.00	798.16	0.00	0.00	0.00	0.00	1,525	0	0	0	0	115,420	12,994	0	0	0	102,426
384+00	38400.00	50.00	788.53	0.00	0.00	0.00	0.00	1,469	0	0	0	0	116,889	12,994	0	0	0	103,895
384+50	38450.00	50.00	840.16	0.00	89.25	0.00	0.00	1,508	0	83	0	0	118,397	13,098	0	0	0	105,300
385+00	38500.00	50.00	846.73	0.00	58.19	0.00	0.00	1,562	0	137	0	0	119,959	13,269	0	0	0	106,690
385+50	38550.00	50.00	752.15	0.00	190.81	0.00	0.00	1,480	0	231	0	0	121,439	13,558	0	0	0	107,882
386+00	38600.00	50.00	522.50	0.00	318.19	0.00	0.00	1,180	0	471	0	0	122,619	14,146	0	0	0	108,473
386+38.67	38638.67	38.67	404.94	0.00	412.47	0.00	0.00	664	0	523	0	0	123,283	14,800	0	0	0	108,483
386+50	38650.00	11.33	375.79	0.00	437.30	0.00	0.00	164	0	178	0	0	123,447	15,023	0	0	0	108,425
386+79.666	38679.67	29.67	305.80	0.00	493.63	0.00	0.00	374	0	511	0	0	123,821	15,661	0	0	0	108,160
387+00	38700.00	20.33	261.56	0.00	507.67	0.00	0.00	214	0	377	0	0	124,035	16,133	0	0	0	107,903
387+10.42	38710.42	10.42	255.06	0.00	501.95	0.00	0.00	100	0	195	0	0	124,135	16,376	0	0	0	107,759
387+50	38750.00	39.58	223.91	0.00	501.43	0.00	0.00	351	0	735	0	0	124,486	17,295	0	0	0	107,191
387+61.67	38761.67	11.67	209.54	0.00	504.46	0.00	0.00	94	0	217	0	0	124,580	17,566	0	0	0	107,014
388+00	38800.00	38.33	178.71	0.00	537.16	0.00	0.00	276	0	739	0	0	124,856	18,490	0	0	0	106,366
388+12.92	38812.92	12.92	160.23	0.00	555.74	0.00	0.00	81	0	261	0	0	124,937	18,816	0	0	0	106,121
388+50	38850.00	37.08	207.90	0.00	564.82	0.00	0.00	253	0	769	0	0	125,190	19,778	0	0	0	105,413
389+00	38900.00	50.00	91.18	0.00	586.70	0.00	0.00	277	0	1,066	0	0	125,467	21,110	0	0	0	104,357
389+50	38950.00	50.00	0.75	0.00	601.48	0.00	0.00	85	0	1,100	0	0	125,552	22,485	0	0	0	103,067
390+00	39000.00	50.00	6.20	0.00	537.57	0.00	0.00	6	0	1,055	0	0	125,558	23,804	0	0	0	101,754
390+50	39050.00	50.00	31.43	0.00	465.72	0.00	0.00	35	0	929	0	0	125,593	24,965	0	0	0	100,628
391+00	39100.00	50.00	49.29	0.00	374.82	0.00	0.00	75	0	778	0	0	125,668	25,938	0	0	0	99,731
391+50	39150.00	50.00	98.36	0.00	240.78	0.00	0.00	137	0	570	0	0	125,805	26,650	0	0	0	99,155
392+00	39200.00	50.00	41.06	0.00	141.22	0.00	0.00	129	0	354	0	0	125,934	27,093	0	0	0	98,842
392+50	39250.00	50.00	0.00	0.00	211.00	0.00	0.00	38	0	326	0	0	125,972	27,500	0	0	0	98,472
393+00	39300.00	50.00	22.40	0.00	4.49	0.00	0.00	21	0	200	0	0	125,993	27,750	0	0	0	98,243
393+18.51	39318.51	18.51	30.99	0.00	4.72	0.00	0.00	18	0	3	0	0	126,011	27,754	0	0	0	98,257
393+20	39320.00	1.49	31.26	0.00	4.94	0.00	0.00	2	0	0	0	0	126,013	27,754	0	0	0	98,259
393+25	39325.00	5.00	32.38	0.00	5.81	0.00	0.00	6	0	1	0	0	126,019	27,755	0	0	0	98,264
393+30	39330.00	5.00	33.87	0.00	6.95	0.00	0.00	6	0	1	0	0	126,025	27,756	0	0	0	98,269
393+35	39335.00	5.00	37.10	0.00	8.32	0.00	0.00	7	0	1	0	0	126,032	27,758	0	0	0	98,275
393+40	39340.00	5.00	41.48	0.00	8.33	0.00	0.00	7	0	2	0	0	126,039	27,760	0	0	0	98,279
393+45	39345.00	5.00	44.15	0.00	8.71	0.00	0.00	8	0	2	0	0	126,047	27,763	0	0	0	98,285
393+50	39350.00	5.00	27.08	0.00	10.10	0.00	0.00	7	0	2	0	0	126,054	27,765	0	0	0	98,289
393+55	39355.00	5.00	12.16	0.00	12.68	0.00	0.00	4	0	2	0	0	126,058	27,768	0	0	0	98,291
393+60	39360.00	5.00	3.10	0.00	16.71	0.00	0.00	1	0	3	0	0	126,059	27,771	0	0	0	98,288
393+65	39365.00	5.00	0.03	0.00	25.40	0.00	0.00	0	0	4	0	0	126,059	27,776	0	0	0	98,283
393+70	39370.00	5.00	0.04	0.00	39.18	0.00	0.00	0	0	6	0	0	126,059	27,784	0	0	0	98,275
393+75	39375.00	5.00	0.17	0.00	53.26	0.00	0.00	0	0	9	0	0	126,059	27,795	0	0	0	98,264
393+80	39380.00	5.00	0.33	0.00	70.55	0.00	0.00	0	0	11	0	0	126,059	27,809	0	0	0	98,250
393+85	39385.00	5.00	0.52	0.00	86.58	0.00	0.00	0	0	15	0	0	126,059	27,828	0	0	0	98,232
393+90	39390.00	5.00	0.04	0.00	102.16	0.00	0.00	0	0	17	0	0	126,059	27,849	0	0	0	98,210
393+95	39395.00	5.00	0.00	0.00	123.09	0.00	0.00	0	0	21	0	0	126,059	27,875	0	0	0	98,184
394+00	39400.00	5.00	0.00	0.00	145.80	0.00	0.00	0	0	25	0	0	126,059	27,906	0	0	0	98,153
394+05	39405.00	5.00	0.00	0.00	180.19	0.00	0.00	0	0	30	0	0	126,059	27,944	0	0	0	98,115
394+10	39410.00	5.00	0.00	0.00	205.01	0.00	0.00	0	0	36	0	0	126,059	27,989	0	0	0	98,070
394+15	39415.00	5.00	0.00	0.00	223.58	0.00	0.00	0	0	40	0	0	126,059	28,039	0	0	0	98,020
394+20	39420.00	5.00	0.00	0.00	237.39	0.00	0.00	0	0	43	0	0	126,059	28,093	0	0	0	97,967
394+24.6	39424.60	4.60	0.00	0.00	249.97	0.00	0.00	0	0	42	0	0	126,059	28,145	0	0	0	97,914
394+50	39450.00	25.40	1.40	0.00	289.90	0.00	0.00	1	0	254	0	0	126,060	28,463	0	0	0	97,598
395+00	39500.00	50.00	13.69	0.00	308.11	0.00	0.00	14	0	554	0	0	126,074	29,155	0	0	0	96,919
395+50	39550.00	50.00	56.79	0.00	256.89	0.00	0.00	65	0	523	0	0	126,139	29,809	0	0	0	96,330
396+00	39600.00	50.00	121.63	0.00	288.73	0.00	0.00	165	0	505	0	0	126,304	30,440	0	0	0	95,864
396+50	39650.00	50.00	121.68	0.00	206.90	0.00	0.00	225	0	459	0	0	126,529	31,014	0	0	0	95,515
397+00	39700.00	50.00	152.69	0.00	171.01	0.00	0.00	254	0	350	0	0	126,783	31,451	0	0	0	95,332
397+50	39750.00	50.00	150.02	0.00	107.74	0.00	0.00	280	0	258	0	0	127,063	31,774	0	0	0	95,289
398+00	39800.00	50.00	220.37	0.00	75.53	0.00	0.00	343	0	170	0	0	127,406	31,986	0	0	0	95,420
398+50	39850.00	50.00	180.87	0.00	82.36	0.00	0.00	372	0	146	0	0	127,778	32,169	0	0	0	95,609
399+00	39900.00	50.00	181.20	0.00	97.91	0.00	0.00	335	0	167	0	0	128,113	32,378	0	0	0	95,736
399+50	39950.00	50.00	168.79	0.00	89.82	0.00	0.00	324	0	174	0	0	128,437	32,595	0	0	0	95,842
400+00	40000.00	50.00	167.86	0.00	99.13	0.00	0.00	312	0	175	0	0	128,749	32,814	0	0	0	95,935
400+50	40050.00	50.00	174.68	0.00	137.93	0.00	0.00	317	0	220	0	0	129,066	33,089	0	0	0	95,977
401+00	40100.00	50.00	186.08	0.00	173.82	0.00	0.00	334	0	289	0	0	129,400	33,450	0	0	0	95,950
401+50	40150.00	50.00	179.09	0.00	244.63	0.00	0.00	338	0	387	0	0	129,738	33,934	0	0	0	95,804

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.30	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
402+00	40200.00	50.00	168.90	0.00	301.07	0.00	0.00	322	0	505	0	0	130,060	34,565	0	0	0	95,495
402+50	40250.00	50.00	85.15	0.00	422.90	0.00	0.00	235	0	670	0	0	130,295	35,403	0	0	0	94,893
403+00	40300.00	50.00	184.47	0.00	493.24	0.00	0.00	250	0	848	0	0	130,545	36,463	0	0	0	94,083
403+50	40350.00	50.00	29.54	0.00	538.41	0.00	0.00	198	0	955	0	0	130,743	37,656	0	0	0	93,087
403+84.414	40384.41	34.41	29.44	0.00	531.68	0.00	0.00	38	0	682	0	0	130,781	38,509	0	0	0	92,272
404+00	40400.00	15.59	17.25	0.00	541.94	0.00	0.00	13	0	310	0	0	130,794	38,896	0	0	0	91,898
404+35.414	40435.41	35.41	43.98	0.00	543.39	0.00	0.00	40	0	712	0	0	130,834	39,786	0	0	0	91,048
404+50	40450.00	14.59	46.18	0.00	547.76	0.00	0.00	24	0	295	0	0	130,858	40,155	0	0	0	90,703
404+86.414	40486.41	36.41	39.02	0.00	554.76	0.00	0.00	57	0	743	0	0	130,915	41,084	0	0	0	89,831
405+00	40500.00	13.59	34.07	0.00	537.55	0.00	0.00	18	0	275	0	0	130,933	41,428	0	0	0	89,506
405+37.419	40537.42	37.42	20.92	0.00	417.11	0.00	0.00	38	0	662	0	0	130,971	42,255	0	0	0	88,716
405+50	40550.00	12.58	18.49	0.00	353.60	0.00	0.00	9	0	180	0	0	130,980	42,480	0	0	0	88,500
405+88.414	40588.41	38.41	21.24	0.00	156.97	0.00	0.00	28	0	363	0	0	131,008	42,934	0	0	0	88,074
406+00	40600.00	11.59	31.75	0.00	88.42	0.00	0.00	11	0	53	0	0	131,019	43,000	0	0	0	88,019
406+50	40650.00	50.00	137.97	0.00	0.04	0.00	0.00	157	0	82	0	0	131,176	43,103	0	0	0	88,074
407+00	40700.00	50.00	285.42	0.00	0.43	0.00	0.00	392	0	0	0	0	131,568	43,103	0	0	0	88,466
407+50	40750.00	50.00	494.68	0.00	0.00	0.00	0.00	722	0	0	0	0	132,290	43,103	0	0	0	89,188
408+00	40800.00	50.00	618.52	0.00	0.00	0.00	0.00	1,031	0	0	0	0	133,321	43,103	0	0	0	90,219
408+50	40850.00	50.00	658.36	0.00	0.00	0.00	0.00	1,182	0	0	0	0	134,503	43,103	0	0	0	91,401
409+00	40900.00	50.00	644.82	0.00	0.00	0.00	0.00	1,207	0	0	0	0	135,710	43,103	0	0	0	92,608
409+50	40950.00	50.00	667.66	0.00	0.01	0.00	0.00	1,215	0	0	0	0	136,925	43,103	0	0	0	93,823
409+60.41	40960.41	10.41	649.86	0.00	0.00	0.00	0.00	254	0	0	0	0	137,179	43,103	0	0	0	94,077
410+00	41000.00	39.59	503.46	0.00	14.93	0.00	0.00	846	0	11	0	0	138,025	43,116	0	0	0	94,909
410+50	41050.00	50.00	277.34	0.00	72.40	0.00	0.00	723	0	81	0	0	138,748	43,218	0	0	0	95,531
411+00	41100.00	50.00	60.26	0.00	221.85	0.00	0.00	313	0	272	0	0	139,061	43,558	0	0	0	95,504
411+50	41150.00	50.00	29.11	0.00	450.18	0.00	0.00	83	0	622	0	0	139,144	44,335	0	0	0	94,809
412+00	41200.00	50.00	0.00	0.00	664.50	0.00	0.00	27	0	1,032	0	0	139,171	45,625	0	0	0	93,546
412+50	41250.00	50.00	0.00	0.00	711.74	0.00	0.00	0	0	1,274	0	0	139,171	47,218	0	0	0	91,954
413+00	41300.00	50.00	27.49	0.00	582.47	0.00	0.00	25	0	1,198	0	0	139,196	48,715	0	0	0	90,481
413+32.407	41332.41	32.41	60.77	0.00	485.67	0.00	0.00	53	0	641	0	0	139,249	49,516	0	0	0	89,733
413+50	41350.00	17.59	47.69	0.00	447.15	0.00	0.00	35	0	304	0	0	139,284	49,896	0	0	0	89,388
413+83.402	41383.40	33.40	105.42	0.00	417.97	0.00	0.00	95	0	535	0	0	139,379	50,565	0	0	0	88,814
414+00	41400.00	16.60	110.15	0.00	401.82	0.00	0.00	66	0	252	0	0	139,445	50,880	0	0	0	88,565
414+34.407	41434.41	34.41	81.14	0.00	317.91	0.00	0.00	122	0	459	0	0	139,567	51,454	0	0	0	88,113
414+50	41450.00	15.59	89.45	0.00	279.08	0.00	0.00	49	0	172	0	0	139,616	51,669	0	0	0	87,947
414+85.407	41485.41	35.41	14.12	0.00	194.37	0.00	0.00	68	0	310	0	0	139,684	52,056	0	0	0	87,628
415+00	41500.00	14.59	26.68	0.00	159.27	0.00	0.00	11	0	96	0	0	139,695	52,176	0	0	0	87,519
415+36.407	41536.41	36.41	103.94	0.00	95.23	0.00	0.00	88	0	172	0	0	139,783	52,391	0	0	0	87,392
415+50	41550.00	13.59	120.31	0.00	85.26	0.00	0.00	56	0	45	0	0	139,839	52,448	0	0	0	87,392
416+00	41600.00	50.00	64.47	0.00	80.85	0.00	0.00	171	0	154	0	0	140,010	52,640	0	0	0	87,370
416+50	41650.00	50.00	0.00	0.00	214.73	0.00	0.00	60	0	274	0	0	140,070	52,983	0	0	0	87,088
417+00	41700.00	50.00	0.00	0.00	366.68	0.00	0.00	0	0	538	0	0	140,070	53,655	0	0	0	86,415
417+50	41750.00	50.00	11.47	0.00	440.07	0.00	0.00	11	0	747	0	0	140,081	54,589	0	0	0	85,492
418+00	41800.00	50.00	95.65	0.00	572.09	0.00	0.00	99	0	937	0	0	140,180	55,760	0	0	0	84,420
418+50	41850.00	50.00	24.78	0.00	514.38	0.00	0.00	112	0	1,006	0	0	140,292	57,018	0	0	0	83,275
419+00	41900.00	50.00	19.81	0.00	531.23	0.00	0.00	41	0	968	0	0	140,333	58,228	0	0	0	82,106
419+50	41950.00	50.00	3.35	0.00	513.44	0.00	0.00	21	0	967	0	0	140,354	59,436	0	0	0	80,918
420+00	42000.00	50.00	0.00	0.00	470.76	0.00	0.00	3	0	911	0	0	140,357	60,575	0	0	0	79,782
420+50	42050.00	50.00	0.00	0.00	499.89	0.00	0.00	0	0	899	0	0	140,357	61,699	0	0	0	78,658
421+00	42100.00	50.00	0.00	0.00	497.74	0.00	0.00	0	0	924	0	0	140,357	62,854	0	0	0	77,503
421+50	42150.00	50.00	3.99	0.00	311.71	0.00	0.00	4	0	749	0	0	140,361	63,790	0	0	0	76,571
422+00	42200.00	50.00	177.57	0.00	64.73	0.00	0.00	168	0	349	0	0	140,529	64,226	0	0	0	76,303
422+10.739	42210.74	10.74	211.92	0.00	99.95	0.00	0.00	77	0	33	0	0	140,606	64,268	0	0	0	76,339
422+50	42250.00	39.26	9.40	0.00	40.92	0.00	0.00	161	0	102	0	0	140,767	64,395	0	0	0	76,372
422+61.85	42261.85	11.85	21.67	0.00	37.15	0.00	0.00	7	0	17	0	0	140,774	64,416	0	0	0	76,358
423+00	42300.00	38.15	101.46	0.00	7.71	0.00	0.00	87	0	32	0	0	140,861	64,456	0	0	0	76,405
423+12.961	42312.96	12.96	128.73	0.00	0.18	0.00	0.00	55	0	2	0	0	140,916	64,459	0	0	0	76,457
423+50	42350.00	37.04	182.49	0.00	0.01	0.00	0.00	213	0	0	0	0	141,129	64,459	0	0	0	76,670
423+53.855	42353.85	3.85	185.64	0.00	0.00	0.00	0.00	26	0	0	0	0	141,155	64,459	0	0	0	76,696
423+99.85	42399.85	46.00	254.04	0.00	0.00	0.00	0.00	374	0	0	0	0	141,529	64,459	0	0	0	77,070
424+00	42400.00	0.15	253.93	0.00	0.00	0.00	0.00	1	0	0	0	0	141,530	64,459	0	0	0	77,071
424+50	42450.00	50.00	243.00	0.00	0.00	0.00	0.00	460	0	0	0	0	141,990	64,459	0	0	0	77,531
425+00	42500.00	50.00	181.44	0.00	3.67	0.00	0.00	393	0	3	0	0	142,383	64,463	0	0	0	77,921
425+50	42550.00	50.00	155.81	0.00	30.09	0.00	0.00	312	0	31	0	0	142,695	64,501	0	0	0	78,194
426+00	42600.00	50.00	126.64	0.00	48.35	0.00	0.00	262	0	73	0	0	142,957	64,593	0	0	0	78,365
426+50	42650.00	50.00	187.12	0.00	62.58	0.00	0.00	291	0	103	0	0	143,248	64,721	0	0	0	78,527
427+00	42700.00	50.00	248.28	0.00	75.61	0.00	0.00	403	0	128	0	0	143,651	64,881	0	0	0	78,770
427+12.115	42712.11	12.11	253.14	0.00	82.11	0.00	0.00	112	0	35	0	0	143,763	64,925	0	0	0	78,838
427+50	42750.00	37.89	247.82	0.00	116.47	0.00	0.00	351	0	139	0	0	144,114	65,099	0	0	0	79,015
428+00	42800.00	50.00	208.80	0.00	182.75	0.00	0.00	423	0	277	0	0	144,537	65,445	0	0	0	79,092
428+50	42850.00	50.00	180.25	0.00	243.03	0.00	0.00	360	0	394	0	0	144,897	65,938	0	0	0	78,960

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.30	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
429+00	42900.00	50.00	145.52	0.00	308.21	0.00	0.00	302	0	510	0	0	145,199	66,575	0	0	0	78,624
429+50	42950.00	50.00	120.45	0.00	380.64	0.00	0.00	246	0	638	0	0	145,445	67,373	0	0	0	78,073
430+00	43000.00	50.00	150.66	0.00	354.73	0.00	0.00	251	0	681	0	0	145,696	68,224	0	0	0	77,472
430+24.379	43024.38	24.38	113.12	0.00	291.18	0.00	0.00	119	0	292	0	0	145,815	68,589	0	0	0	77,226
430+50	43050.00	25.62	113.54	0.00	215.37	0.00	0.00	108	0	240	0	0	145,923	68,889	0	0	0	77,034
430+70.375	43070.37	20.37	123.25	0.00	185.78	0.00	0.00	89	0	151	0	0	146,012	69,078	0	0	0	76,935
431+00	43100.00	29.63	123.35	0.00	217.93	0.00	0.00	135	0	221	0	0	146,147	69,354	0	0	0	76,793
431+11.268	43111.27	11.27	135.49	0.00	213.42	0.00	0.00	54	0	90	0	0	146,201	69,466	0	0	0	76,735
431+50	43150.00	38.73	154.79	0.00	239.41	0.00	0.00	208	0	325	0	0	146,409	69,873	0	0	0	76,537
431+62.379	43162.38	12.38	144.61	0.00	270.83	0.00	0.00	69	0	117	0	0	146,478	70,019	0	0	0	76,459
432+00	43200.00	37.62	37.85	0.00	384.31	0.00	0.00	127	0	456	0	0	146,605	70,589	0	0	0	76,016
432+13.49	43213.49	13.49	16.91	0.00	419.75	0.00	0.00	14	0	201	0	0	146,619	70,840	0	0	0	75,779
432+50	43250.00	36.51	0.00	0.00	502.61	0.00	0.00	11	0	624	0	0	146,630	71,620	0	0	0	75,010
433+00	43300.00	50.00	16.43	0.00	570.46	0.00	0.00	15	0	994	0	0	146,645	72,863	0	0	0	73,783
433+50	43350.00	50.00	18.90	0.00	599.54	0.00	0.00	33	0	1,083	0	0	146,678	74,216	0	0	0	72,462
434+00	43400.00	50.00	11.50	0.00	586.37	0.00	0.00	28	0	1,098	0	0	146,706	75,589	0	0	0	71,117
434+50	43450.00	50.00	10.36	0.00	567.32	0.00	0.00	20	0	1,068	0	0	146,726	76,924	0	0	0	69,802
435+00	43500.00	50.00	0.00	0.00	485.36	0.00	0.00	10	0	975	0	0	146,736	78,143	0	0	0	68,594
435+50	43550.00	50.00	14.68	0.00	397.24	0.00	0.00	14	0	817	0	0	146,750	79,164	0	0	0	67,586
436+00	43600.00	50.00	40.97	0.00	329.95	0.00	0.00	52	0	673	0	0	146,802	80,005	0	0	0	66,797
436+50	43650.00	50.00	18.97	0.00	287.16	0.00	0.00	55	0	571	0	0	146,857	80,719	0	0	0	66,138
437+00	43700.00	50.00	7.75	0.00	321.84	0.00	0.00	25	0	564	0	0	146,882	81,424	0	0	0	65,458
437+37.043	43737.04	37.04	0.00	0.00	359.01	0.00	0.00	5	0	467	0	0	146,887	82,008	0	0	0	64,880
437+50	43750.00	12.96	0.00	0.00	367.99	0.00	0.00	0	0	174	0	0	146,887	82,225	0	0	0	64,662
437+88.043	43788.04	38.04	0.00	0.00	372.80	0.00	0.00	0	0	522	0	0	146,887	82,878	0	0	0	64,010
438+00	43800.00	11.96	0.00	0.00	361.73	0.00	0.00	0	0	163	0	0	146,887	83,081	0	0	0	63,806
438+39.043	43839.04	39.04	0.00	0.00	274.44	0.00	0.00	0	0	460	0	0	146,887	83,656	0	0	0	63,231
438+50	43850.00	10.96	0.00	0.00	258.64	0.00	0.00	0	0	108	0	0	146,887	83,791	0	0	0	63,096
438+90.048	43890.05	40.05	0.00	0.00	143.52	0.00	0.00	0	0	298	0	0	146,887	84,164	0	0	0	62,723
439+00	43900.00	9.95	3.05	0.00	114.42	0.00	0.00	1	0	48	0	0	146,888	84,224	0	0	0	62,664
439+41.043	43941.04	41.04	55.33	0.00	75.25	0.00	0.00	44	0	144	0	0	146,932	84,404	0	0	0	62,528
439+50	43950.00	8.96	68.07	0.00	76.01	0.00	0.00	20	0	25	0	0	146,952	84,435	0	0	0	62,517
440+00	44000.00	50.00	104.20	0.00	105.93	0.00	0.00	160	0	168	0	0	147,112	84,645	0	0	0	62,467
440+50	44050.00	50.00	185.21	0.00	82.49	0.00	0.00	268	0	174	0	0	147,380	84,863	0	0	0	62,518
441+00	44100.00	50.00	295.28	0.00	45.34	0.00	0.00	445	0	118	0	0	147,825	85,010	0	0	0	62,815
441+50	44150.00	50.00	500.75	0.00	3.27	0.00	0.00	737	0	45	0	0	148,562	85,066	0	0	0	63,496
441+65.591	44165.59	15.59	547.37	0.00	1.10	0.00	0.00	303	0	1	0	0	148,865	85,068	0	0	0	63,798
442+00	44200.00	34.41	663.30	0.00	0.00	0.00	0.00	771	0	1	0	0	149,636	85,069	0	0	0	64,567
442+50	44250.00	50.00	635.42	0.00	0.00	0.00	0.00	1,203	0	0	0	0	150,839	85,069	0	0	0	65,770
443+00	44300.00	50.00	741.63	0.00	0.00	0.00	0.00	1,275	0	0	0	0	152,114	85,069	0	0	0	67,045
443+50	44350.00	50.00	661.11	0.00	0.01	0.00	0.00	1,299	0	0	0	0	153,413	85,069	0	0	0	68,344
443+90.14	44390.14	40.14	520.38	0.00	13.03	0.00	0.00	878	0	10	0	0	154,291	85,081	0	0	0	69,210
444+00	44400.00	9.86	479.54	0.00	21.98	0.00	0.00	183	0	6	0	0	154,474	85,089	0	0	0	69,385
444+41.135	44441.14	41.14	304.71	0.00	106.07	0.00	0.00	597	0	98	0	0	155,071	85,211	0	0	0	69,860
444+50	44450.00	8.86	264.56	0.00	130.53	0.00	0.00	93	0	39	0	0	155,164	85,260	0	0	0	69,904
445+00	44500.00	50.00	112.77	0.00	273.43	0.00	0.00	349	0	374	0	0	155,513	85,728	0	0	0	69,786
445+50	44550.00	50.00	23.17	0.00	400.30	0.00	0.00	126	0	624	0	0	155,639	86,508	0	0	0	69,132
446+00	44600.00	50.00	0.21	0.00	540.32	0.00	0.00	22	0	871	0	0	155,661	87,596	0	0	0	68,065
446+50	44650.00	50.00	0.00	0.00	707.35	0.00	0.00	0	0	1,155	0	0	155,661	89,040	0	0	0	66,621
447+00	44700.00	50.00	0.00	0.00	808.73	0.00	0.00	0	0	1,404	0	0	155,661	90,795	0	0	0	64,866
447+34.094	44734.09	34.09	0.00	0.00	905.62	0.00	0.00	0	0	1,082	0	0	155,661	92,148	0	0	0	63,514
447+50	44750.00	15.91	0.00	0.00	943.16	0.00	0.00	0	0	545	0	0	155,661	92,829	0	0	0	62,832
447+85.089	44785.09	35.09	0.00	0.00	978.24	0.00	0.00	0	0	1,249	0	0	155,661	94,390	0	0	0	61,271
447+98.89	44798.89	13.80	0.00	0.00	854.46	0.00	0.00	0	0	468	0	0	155,661	94,975	0	0	0	60,686
448+00	44800.00	1.11	0.00	0.00	849.37	0.00	0.00	0	0	35	0	0	155,661	95,019	0	0	0	60,642
448+05	44805.00	5.00	0.00	0.00	820.92	0.00	0.00	0	0	155	0	0	155,661	95,213	0	0	0	60,449
448+10	44810.00	5.00	0.00	0.00	778.07	0.00	0.00	0	0	148	0	0	155,661	95,398	0	0	0	60,264
448+15	44815.00	5.00	0.00	0.00	709.92	0.00	0.00	0	0	138	0	0	155,661	95,570	0	0	0	60,091
448+20	44820.00	5.00	0.00	0.00	626.47	0.00	0.00	0	0	124	0	0	155,661	95,725	0	0	0	59,936
448+25	44825.00	5.00	0.00	0.00	536.43	0.00	0.00	0	0	108	0	0	155,661	95,860	0	0	0	59,801
448+30	44830.00	5.00	0.00	0.00	454.53	0.00	0.00	0	0	92	0	0	155,661	95,975	0	0	0	59,686
448+35	44835.00	5.00	0.00	0.00	387.98	0.00	0.00	0	0	78	0	0	155,661	96,073	0	0	0	59,589
448+40	44840.00	5.00	0.01	0.00	352.07	0.00	0.00	0	0	69	0	0	155,661	96,159	0	0	0	59,502
448+45	44845.00	5.00	0.00	0.00	324.98	0.00	0.00	0	0	63	0	0	155,661	96,238	0	0	0	59,424
448+50	44850.00	5.00	0.00	0.00	296.61	0.00	0.00	0	0	58	0	0	155,661	96,310	0	0	0	59,351
448+55	44855.00	5.00	0.00	0.00	267.64	0.00	0.00	0	0	52	0	0	155,661	96,375	0	0	0	59,286
448+60	44860.00	5.00	0.03	0.00	256.75	0.00	0.00	0	0	49	0	0	155,661	96,436	0	0	0	59,225
448+65	44865.00	5.00	0.11	0.00	280.80	0.00	0.00	0	0	50	0	0	155,661	96,499	0	0	0	59,162
448+70	44870.00	5.00	0.17	0.00	304.96	0.00	0.00	0	0	54	0	0	155,661	96,566	0	0	0	59,095
448+75	44875.00	5.00	0.00	0.00	331.91	0.00	0.00	0	0	59	0	0	155,661	96,640	0	0	0	59,021
448+80	44880.00	5.00	0.00	0.00	362.03	0.00	0.00	0	0	64	0	0	155,661	96,720	0	0	0	58,941

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
													1.00	1.30	1.10	1.30	0.80	
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
448+85	44885.00	5.00	0.00	0.00	401.53	0.00	0.00	0	0	71	0	0	155,661	96,809	0	0	0	58,852
448+90	44890.00	5.00	0.00	0.00	451.41	0.00	0.00	0	0	79	0	0	155,661	96,908	0	0	0	58,754
448+95	44895.00	5.00	0.00	0.00	503.98	0.00	0.00	0	0	88	0	0	155,661	97,018	0	0	0	58,644
449+00	44900.00	5.00	0.00	0.00	543.05	0.00	0.00	0	0	97	0	0	155,661	97,139	0	0	0	58,522
449+05	44905.00	5.00	0.00	0.00	534.88	0.00	0.00	0	0	100	0	0	155,661	97,264	0	0	0	58,397
449+10	44910.00	5.00	0.00	0.00	499.47	0.00	0.00	0	0	96	0	0	155,661	97,384	0	0	0	58,277
449+14.449	44914.45	4.45	0.00	0.00	552.75	0.00	0.00	0	0	87	0	0	155,661	97,493	0	0	0	58,169
449+20.395	44920.39	5.95	0.00	0.00	573.45	0.00	0.00	0	0	124	0	0	155,661	97,648	0	0	0	58,014
449+50	44950.00	29.61	0.00	0.00	479.93	0.00	0.00	0	0	578	0	0	155,661	98,370	0	0	0	57,291
450+00	45000.00	50.00	0.00	0.00	377.74	0.00	0.00	0	0	794	0	0	155,661	99,363	0	0	0	56,299
450+50	45050.00	50.00	0.00	0.00	250.14	0.00	0.00	0	0	581	0	0	155,661	100,089	0	0	0	55,572
450+55.701	45055.70	5.70	0.00	0.00	235.02	0.00	0.00	0	0	51	0	0	155,661	100,153	0	0	0	55,509
451+00	45100.00	44.30	2.16	0.00	135.58	0.00	0.00	2	0	304	0	0	155,663	100,533	0	0	0	55,131
451+06.696	45106.70	6.70	4.25	0.00	129.05	0.00	0.00	1	0	33	0	0	155,664	100,574	0	0	0	55,090
451+50	45150.00	43.30	0.03	0.00	45.65	0.00	0.00	3	0	140	0	0	155,667	100,749	0	0	0	54,918
451+65.9	45165.90	15.90	11.07	0.00	25.17	0.00	0.00	3	0	21	0	0	155,670	100,775	0	0	0	54,895
452+00	45200.00	34.10	48.65	0.00	7.62	0.00	0.00	38	0	21	0	0	155,708	100,801	0	0	0	54,907
452+43.9	45243.90	43.90	110.15	0.00	1.87	0.00	0.00	129	0	8	0	0	155,837	100,811	0	0	0	55,026
452+50	45250.00	6.10	118.11	0.00	1.41	0.00	0.00	26	0	0	0	0	155,863	100,811	0	0	0	55,052
453+00	45300.00	50.00	119.04	0.00	2.18	0.00	0.00	220	0	3	0	0	156,083	100,815	0	0	0	55,268
453+50	45350.00	50.00	102.87	0.00	3.11	0.00	0.00	205	0	5	0	0	156,288	100,821	0	0	0	55,467
453+81.099	45381.10	31.10	44.72	0.00	9.95	0.00	0.00	85	0	8	0	0	156,373	100,831	0	0	0	55,542
454+00	45400.00	18.90	17.27	0.00	20.84	0.00	0.00	22	0	11	0	0	156,395	100,845	0	0	0	55,550
454+32.094	45432.09	32.09	31.95	0.00	104.90	0.00	0.00	29	0	75	0	0	156,424	100,939	0	0	0	55,485
454+50	45450.00	17.91	4.57	0.00	163.44	0.00	0.00	12	0	89	0	0	156,436	101,050	0	0	0	55,386
455+00	45500.00	50.00	0.00	0.00	288.37	0.00	0.00	4	0	418	0	0	156,440	101,573	0	0	0	54,868
455+50	45550.00	50.00	0.00	0.00	325.35	0.00	0.00	0	0	568	0	0	156,440	102,283	0	0	0	54,158
455+98.787	45598.79	48.79	0.00	0.00	278.17	0.00	0.00	0	0	545	0	0	156,440	102,964	0	0	0	53,476
456+00	45600.00	1.21	0.00	0.00	275.99	0.00	0.00	0	0	12	0	0	156,440	102,979	0	0	0	53,461
456+50	45650.00	50.00	11.57	0.00	165.27	0.00	0.00	11	0	409	0	0	156,451	103,490	0	0	0	52,961
457+00	45700.00	50.00	28.18	0.00	44.19	0.00	0.00	37	0	194	0	0	156,488	103,733	0	0	0	52,756
457+50	45750.00	50.00	134.15	0.00	1.73	0.00	0.00	150	0	43	0	0	156,638	103,786	0	0	0	52,852
457+65.481	45765.48	15.48	206.09	0.00	0.00	0.00	0.00	98	0	0	0	0	156,736	103,786	0	0	0	52,950
458+00	45800.00	34.52	233.60	0.00	0.00	0.00	0.00	281	0	0	0	0	157,017	103,786	0	0	0	53,231
458+16.476	45816.48	16.48	222.88	0.00	0.00	0.00	0.00	139	0	0	0	0	157,156	103,786	0	0	0	53,370
458+48.015	45848.02	31.54	258.17	0.00	0.00	0.00	0.00	281	0	0	0	0	157,437	103,786	0	0	0	53,651
458+50	45850.00	1.98	257.69	0.00	0.00	0.00	0.00	19	0	0	0	0	157,456	103,786	0	0	0	53,670
458+55	45855.00	5.00	252.46	0.00	0.00	0.00	0.00	47	0	0	0	0	157,503	103,786	0	0	0	53,717
458+60	45860.00	5.00	242.78	0.00	0.00	0.00	0.00	46	0	0	0	0	157,549	103,786	0	0	0	53,763
458+65	45865.00	5.00	225.79	0.00	0.00	0.00	0.00	43	0	0	0	0	157,592	103,786	0	0	0	53,806
458+70	45870.00	5.00	213.94	0.00	0.00	0.00	0.00	41	0	0	0	0	157,633	103,786	0	0	0	53,847
458+75	45875.00	5.00	204.49	0.00	0.00	0.00	0.00	39	0	0	0	0	157,672	103,786	0	0	0	53,886
458+80	45880.00	5.00	189.13	0.00	0.01	0.00	0.00	36	0	0	0	0	157,708	103,786	0	0	0	53,922
458+85	45885.00	5.00	174.33	0.00	0.01	0.00	0.00	34	0	0	0	0	157,742	103,786	0	0	0	53,956
458+90	45890.00	5.00	160.07	0.00	0.00	0.00	0.00	31	0	0	0	0	157,773	103,786	0	0	0	53,987
458+95	45895.00	5.00	146.40	0.00	0.00	0.00	0.00	28	0	0	0	0	157,801	103,786	0	0	0	54,015
459+00	45900.00	5.00	135.77	0.00	0.00	0.00	0.00	26	0	0	0	0	157,827	103,786	0	0	0	54,041
459+05	45905.00	5.00	135.29	0.00	0.00	0.00	0.00	25	0	0	0	0	157,852	103,786	0	0	0	54,066
459+10	45910.00	5.00	134.28	0.00	0.00	0.00	0.00	25	0	0	0	0	157,877	103,786	0	0	0	54,091
459+15	45915.00	5.00	133.05	0.00	0.00	0.00	0.00	25	0	0	0	0	157,902	103,786	0	0	0	54,116
459+20	45920.00	5.00	131.07	0.00	0.00	0.00	0.00	24	0	0	0	0	157,926	103,786	0	0	0	54,140
459+25	45925.00	5.00	128.30	0.00	0.00	0.00	0.00	24	0	0	0	0	157,950	103,786	0	0	0	54,164
459+30	45930.00	5.00	124.99	0.00	0.00	0.00	0.00	23	0	0	0	0	157,973	103,786	0	0	0	54,187
459+35	45935.00	5.00	118.24	0.00	0.00	0.00	0.00	23	0	0	0	0	157,996	103,786	0	0	0	54,210
459+40	45940.00	5.00	106.61	0.00	0.02	0.00	0.00	21	0	0	0	0	158,017	103,786	0	0	0	54,231
459+45	45945.00	5.00	95.89	0.00	0.00	0.00	0.00	19	0	0	0	0	158,036	103,786	0	0	0	54,250
459+50	45950.00	5.00	85.03	0.00	0.11	0.00	0.00	17	0	0	0	0	158,053	103,786	0	0	0	54,267
459+55	45955.00	5.00	75.12	0.00	0.39	0.00	0.00	15	0	0	0	0	158,068	103,786	0	0	0	54,282
459+55.179	45955.18	0.18	74.80	0.00	0.39	0.00	0.00	0	0	0	0	0	158,068	103,786	0	0	0	54,282
459+69.481	45969.48	14.30	56.10	0.00	2.82	0.00	0.00	35	0	1	0	0	158,103	103,788	0	0	0	54,316
460+00	46000.00	30.52	37.14	0.00	15.35	0.00	0.00	53	0	10	0	0	158,156	103,800	0	0	0	54,356
460+50	46050.00	50.00	37.97	0.00	21.03	0.00	0.00	70	0	34	0	0	158,226	103,843	0	0	0	54,384
461+00	46100.00	50.00	66.86	0.00	10.71	0.00	0.00	97	0	29	0	0	158,323	103,879	0	0	0	54,444
461+50	46150.00	50.00	71.40	0.00	4.96	0.00	0.00	128	0	15	0	0	158,451	103,898	0	0	0	54,554
462+00	46200.00	50.00	97.91	0.00	1.87	0.00	0.00	157	0	6	0	0	158,608	103,905	0	0	0	54,703
462+50	46250.00	50.00	165.85	0.00	0.60	0.00	0.00	244	0	2	0	0	158,852	103,908	0	0	0	54,945
463+00	46300.00	50.00	265.71	0.00	5.03	0.00	0.00	400	0	5	0	0	159,252	103,914	0	0	0	55,338
463+50	46350.00	50.00	387.12	0.00	20.47	0.00	0.00	604	0	24	0	0	159,856	103,944	0	0	0	55,912
463+73.452	46373.45	23.45	126.23	0.00	31.46	0.00	0.00	223	0	23	0	0	160,079	103,973	0	0	0	56,107
464+00	46400.00	26.55	118.62	0.00	38.56	0.00	0.00	120	0	34	0	0	160,199	104,015	0	0	0	56,184
464+50	46450.00	50.00	99.25	0.00	32.55	0.00	0.00	202	0	66	0	0	160,401	104,098	0	0	0	56,304

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.30	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
465+00	46500.00	50.00	85.37	0.00	25.64	0.00	0.00	171	0	54	0	0	160,572	104,165	0	0	0	56,407
465+50	46550.00	50.00	52.37	0.00	24.74	0.00	0.00	128	0	47	0	0	160,700	104,224	0	0	0	56,476
466+00	46600.00	50.00	32.00	0.00	35.28	0.00	0.00	78	0	56	0	0	160,778	104,294	0	0	0	56,484
466+50	46650.00	50.00	63.60	0.00	25.86	0.00	0.00	89	0	57	0	0	160,867	104,365	0	0	0	56,502
467+00	46700.00	50.00	61.76	0.00	55.08	0.00	0.00	116	0	75	0	0	160,983	104,459	0	0	0	56,524
467+50	46750.00	50.00	85.06	0.00	62.54	0.00	0.00	136	0	109	0	0	161,119	104,595	0	0	0	56,524
468+00	46800.00	50.00	355.38	0.00	6.39	0.00	0.00	408	0	64	0	0	161,527	104,675	0	0	0	56,852
468+28.518	46828.52	28.52	173.63	0.00	5.20	0.00	0.00	279	0	6	0	0	161,806	104,683	0	0	0	57,124
468+50	46850.00	21.48	89.36	0.00	6.79	0.00	0.00	105	0	5	0	0	161,911	104,689	0	0	0	57,222
468+79.375	46879.37	29.37	159.95	0.00	6.87	0.00	0.00	136	0	7	0	0	162,047	104,698	0	0	0	57,350
469+00	46900.00	20.63	253.49	0.00	2.63	0.00	0.00	158	0	4	0	0	162,205	104,703	0	0	0	57,503
469+30.232	46930.23	30.23	414.44	0.00	5.48	0.00	0.00	374	0	5	0	0	162,579	104,709	0	0	0	57,870
469+38.711	46938.71	8.48	476.89	0.00	5.77	0.00	0.00	140	0	2	0	0	162,719	104,711	0	0	0	58,008
469+50	46950.00	11.29	517.70	0.00	6.52	0.00	0.00	208	0	3	0	0	162,927	104,715	0	0	0	58,212
469+68.375	46968.37	18.37	518.86	0.00	7.96	0.00	0.00	353	0	5	0	0	163,280	104,721	0	0	0	58,559
470+00	47000.00	31.63	173.87	0.00	12.05	0.00	0.00	406	0	12	0	0	163,686	104,736	0	0	0	58,950
470+50	47050.00	50.00	18.94	0.00	65.03	0.00	0.00	179	0	71	0	0	163,865	104,825	0	0	0	59,040
470+53.37	47053.37	3.37	20.42	0.00	55.82	0.00	0.00	2	0	8	0	0	163,867	104,835	0	0	0	59,032
471+00	47100.00	46.63	52.49	0.00	19.44	0.00	0.00	63	0	65	0	0	163,930	104,916	0	0	0	59,014
471+38.365	47138.36	38.36	34.51	0.00	25.16	0.00	0.00	62	0	32	0	0	163,992	104,956	0	0	0	59,036
471+50	47150.00	11.64	32.11	0.00	23.66	0.00	0.00	14	0	11	0	0	164,006	104,970	0	0	0	59,036
471+68.028	47168.03	18.03	29.35	0.00	23.20	0.00	0.00	21	0	16	0	0	164,027	104,990	0	0	0	59,037
471+76.508	47176.51	8.48	28.76	0.00	21.23	0.00	0.00	9	0	7	0	0	164,036	104,999	0	0	0	59,037
472+00	47200.00	23.49	33.62	0.00	17.05	0.00	0.00	27	0	17	0	0	164,063	105,020	0	0	0	59,043
472+27.365	47227.36	27.36	47.04	0.00	7.33	0.00	0.00	41	0	12	0	0	164,104	105,035	0	0	0	59,069
472+50	47250.00	22.64	72.49	0.00	2.00	0.00	0.00	50	0	4	0	0	164,154	105,040	0	0	0	59,114
472+78.222	47278.22	28.22	117.81	0.00	0.78	0.00	0.00	99	0	1	0	0	164,253	105,041	0	0	0	59,212
473+00	47300.00	21.78	145.20	0.00	2.63	0.00	0.00	106	0	1	0	0	164,359	105,043	0	0	0	59,317
473+50	47350.00	50.00	193.36	0.00	1.00	0.00	0.00	313	0	3	0	0	164,672	105,046	0	0	0	59,626
473+83.883	47383.88	33.88	192.76	0.00	1.76	0.00	0.00	242	0	2	0	0	164,914	105,049	0	0	0	59,865
474+00	47400.00	16.12	186.79	0.00	1.09	0.00	0.00	113	0	1	0	0	165,027	105,050	0	0	0	59,977
474+50	47450.00	50.00	57.87	0.00	1.97	0.00	0.00	227	0	3	0	0	165,254	105,054	0	0	0	60,200
475+00	47500.00	50.00	136.53	0.00	0.29	0.00	0.00	180	0	2	0	0	165,434	105,056	0	0	0	60,378
475+50	47550.00	50.00	201.81	0.00	0.43	0.00	0.00	313	0	1	0	0	165,747	105,058	0	0	0	60,690
475+78.643	47578.64	28.64	165.93	0.00	0.01	0.00	0.00	195	0	0	0	0	165,942	105,058	0	0	0	60,885
476+00	47600.00	21.36	127.70	0.00	0.00	0.00	0.00	116	0	0	0	0	166,058	105,058	0	0	0	61,001
476+29.643	47629.64	29.64	68.78	0.00	0.19	0.00	0.00	108	0	0	0	0	166,166	105,058	0	0	0	61,109
476+50	47650.00	20.36	44.61	0.00	3.57	0.00	0.00	43	0	1	0	0	166,209	105,059	0	0	0	61,150
476+80.643	47680.64	30.64	38.88	0.00	18.75	0.00	0.00	47	0	13	0	0	166,256	105,075	0	0	0	61,181
477+00	47700.00	19.36	29.47	0.00	24.00	0.00	0.00	25	0	15	0	0	166,281	105,094	0	0	0	61,187
477+31.648	47731.65	31.65	36.67	0.00	14.27	0.00	0.00	39	0	22	0	0	166,320	105,121	0	0	0	61,199
477+50	47750.00	18.35	40.93	0.00	6.26	0.00	0.00	26	0	7	0	0	166,346	105,130	0	0	0	61,216
477+82.643	47782.64	32.64	49.22	0.00	6.15	0.00	0.00	54	0	8	0	0	166,400	105,140	0	0	0	61,260
478+00	47800.00	17.36	49.87	0.00	6.62	0.00	0.00	32	0	4	0	0	166,432	105,145	0	0	0	61,287
478+45.311	47845.31	45.31	52.05	0.00	5.95	0.00	0.00	86	0	11	0	0	166,518	105,159	0	0	0	61,359
478+50	47850.00	4.69	52.57	0.00	6.11	0.00	0.00	9	0	1	0	0	166,527	105,160	0	0	0	61,367
479+00	47900.00	50.00	75.52	0.00	2.42	0.00	0.00	119	0	8	0	0	166,646	105,170	0	0	0	61,476
479+07.979	47907.98	7.98	82.44	0.00	1.55	0.00	0.00	23	0	1	0	0	166,669	105,171	0	0	0	61,498
479+50	47950.00	42.02	74.90	0.00	0.10	0.00	0.00	122	0	1	0	0	166,791	105,173	0	0	0	61,619
479+58.974	47958.97	8.97	69.45	0.00	0.05	0.00	0.00	24	0	0	0	0	166,815	105,173	0	0	0	61,643
480+00	48000.00	41.03	63.17	0.00	0.38	0.00	0.00	101	0	0	0	0	166,916	105,173	0	0	0	61,744
480+05.636	48005.64	5.64	65.05	0.00	0.50	0.00	0.00	13	0	0	0	0	166,929	105,173	0	0	0	61,757
480+50	48050.00	44.36	111.63	0.00	1.20	0.00	0.00	145	0	1	0	0	167,074	105,174	0	0	0	61,900
481+00	48100.00	50.00	117.73	0.00	1.28	0.00	0.00	212	0	2	0	0	167,286	105,176	0	0	0	62,110
481+50	48150.00	50.00	84.53	0.00	11.05	0.00	0.00	187	0	11	0	0	167,473	105,190	0	0	0	62,283
482+00	48200.00	50.00	102.29	0.00	22.81	0.00	0.00	173	0	31	0	0	167,646	105,229	0	0	0	62,417
482+02.145	48202.14	2.14	101.19	0.00	23.84	0.00	0.00	8	0	2	0	0	167,654	105,231	0	0	0	62,423
482+50	48250.00	47.86	23.61	0.00	53.95	0.00	0.00	111	0	69	0	0	167,765	105,318	0	0	0	62,448
483+00	48300.00	50.00	75.15	0.00	44.05	0.00	0.00	91	0	91	0	0	167,856	105,431	0	0	0	62,425
483+50	48350.00	50.00	83.36	0.00	28.05	0.00	0.00	147	0	67	0	0	168,003	105,515	0	0	0	62,488
483+98.653	48398.65	48.65	120.19	0.00	15.11	0.00	0.00	183	0	39	0	0	168,186	105,564	0	0	0	62,622
484+00	48400.00	1.35	121.16	0.00	14.46	0.00	0.00	6	0	1	0	0	168,192	105,565	0	0	0	62,627
484+45.315	48445.32	45.32	167.98	0.00	9.75	0.00	0.00	243	0	20	0	0	168,435	105,590	0	0	0	62,845
484+50	48450.00	4.68	173.21	0.00	9.31	0.00	0.00	30	0	2	0	0	168,465	105,593	0	0	0	62,873
484+87.744	48487.74	37.74	197.85	0.00	6.84	0.00	0.00	259	0	11	0	0	168,724	105,606	0	0	0	63,118
485+00	48500.00	12.26	210.74	0.00	7.10	0.00	0.00	93	0	3	0	0	168,817	105,610	0	0	0	63,207
485+38.653	48538.65	38.65	199.24	0.00	22.82	0.00	0.00	293	0	21	0	0	169,110	105,636	0	0	0	63,474
485+50	48550.00	11.35	181.53	0.00	31.51	0.00	0.00	80	0	11	0	0	169,190	105,650	0	0	0	63,540
485+89.562	48589.56	39.56	133.86	0.00	46.91	0.00	0.00	231	0	57	0	0	169,421	105,721	0	0	0	63,700
486+00	48600.00	10.44	152.61	0.00	43.63	0.00	0.00	55	0	18	0	0	169,476	105,744	0	0	0	63,732
486+50	48650.00	50.00	140.20	0.00	27.24	0.00	0.00	271	0	66	0	0	169,747	105,826	0	0	0	63,921

DIVISION 3 - STH 19 EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)					INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT 1.00	EXPANDED FILL 1.25	EXPANDED ROCK 1.10	EXPANDED EBS BACKFILL 1.30	REDUCED EBS IN FILL 0.80	MASS ORDINATE
								NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
487+00	48700.00	50.00	117.32	0.00	31.76	0.00	0.00	238	0	55	0	0	169,985	105,895	0	0	0	64,090
487+50	48750.00	50.00	188.58	0.00	17.67	0.00	0.00	283	0	46	0	0	170,268	105,953	0	0	0	64,316
488+00	48800.00	50.00	156.28	0.00	21.64	0.00	0.00	319	0	36	0	0	170,587	105,998	0	0	0	64,590
488+50	48850.00	50.00	200.66	0.00	54.83	0.00	0.00	331	0	71	0	0	170,918	106,086	0	0	0	64,832
488+91.616	48891.62	41.62	258.47	0.00	87.04	0.00	0.00	354	0	109	0	0	171,272	106,223	0	0	0	65,050
489+00	48900.00	8.38	268.18	0.00	91.53	0.00	0.00	82	0	28	0	0	171,354	106,258	0	0	0	65,097
489+42.56	48942.56	42.56	270.87	0.00	107.07	0.00	0.00	425	0	157	0	0	171,779	106,454	0	0	0	65,325
489+50	48950.00	7.44	270.09	0.00	112.45	0.00	0.00	75	0	30	0	0	171,854	106,491	0	0	0	65,363
489+93.503	48993.50	43.50	276.37	0.00	155.77	0.00	0.00	440	0	216	0	0	172,294	106,761	0	0	0	65,533
490+00	49000.00	6.50	267.96	0.00	163.00	0.00	0.00	65	0	38	0	0	172,359	106,809	0	0	0	65,550
490+32.564	49032.56	32.56	243.52	0.00	191.18	0.00	0.00	308	0	214	0	0	172,667	107,076	0	0	0	65,591
490+50	49050.00	17.44	238.80	0.00	201.21	0.00	0.00	156	0	127	0	0	172,823	107,235	0	0	0	65,588
490+77.56	49077.56	27.56	185.81	0.00	207.17	0.00	0.00	217	0	208	0	0	173,040	107,495	0	0	0	65,545
491+00	49100.00	22.44	158.28	0.00	224.67	0.00	0.00	143	0	179	0	0	173,183	107,719	0	0	0	65,464
491+50	49150.00	50.00	243.04	0.00	168.74	0.00	0.00	372	0	364	0	0	173,555	108,174	0	0	0	65,381
492+00	49200.00	50.00	243.64	0.00	164.49	0.00	0.00	451	0	309	0	0	174,006	108,560	0	0	0	65,446
492+50	49250.00	50.00	268.50	0.00	151.65	0.00	0.00	474	0	293	0	0	174,480	108,926	0	0	0	65,554
493+00	49300.00	50.00	309.01	0.00	143.25	0.00	0.00	535	0	273	0	0	175,015	109,268	0	0	0	65,748
493+28.34	49328.34	28.34	260.47	0.00	136.94	0.00	0.00	299	0	147	0	0	175,314	109,451	0	0	0	65,863
493+50	49350.00	21.66	242.19	0.00	126.84	0.00	0.00	202	0	106	0	0	175,516	109,584	0	0	0	65,932
494+00	49400.00	50.00	247.13	0.00	101.69	0.00	0.00	453	0	212	0	0	175,969	109,849	0	0	0	66,120
494+50	49450.00	50.00	218.03	0.00	91.10	0.00	0.00	431	0	179	0	0	176,400	110,073	0	0	0	66,328
495+00	49500.00	50.00	205.22	0.00	68.55	0.00	0.00	392	0	148	0	0	176,792	110,258	0	0	0	66,535
495+50	49550.00	50.00	179.72	0.00	54.07	0.00	0.00	356	0	114	0	0	177,148	110,400	0	0	0	66,748
495+79.12	49579.12	29.12	161.23	0.00	53.59	0.00	0.00	184	0	58	0	0	177,332	110,473	0	0	0	66,860
496+00	49600.00	20.88	158.32	0.00	54.02	0.00	0.00	124	0	42	0	0	177,456	110,525	0	0	0	66,931
496+24.115	49624.12	24.12	159.18	0.00	44.89	0.00	0.00	142	0	44	0	0	177,598	110,580	0	0	0	67,018
496+50	49650.00	25.88	151.10	0.00	30.79	0.00	0.00	149	0	36	0	0	177,747	110,625	0	0	0	67,122
496+63.176	49663.18	13.18	138.76	0.00	25.82	0.00	0.00	71	0	14	0	0	177,818	110,643	0	0	0	67,176
497+00	49700.00	36.82	148.19	0.00	13.37	0.00	0.00	196	0	27	0	0	178,014	110,676	0	0	0	67,338
497+14.12	49714.12	14.12	148.06	0.00	9.69	0.00	0.00	77	0	6	0	0	178,091	110,684	0	0	0	67,407
497+50	49750.00	35.88	152.08	0.00	4.31	0.00	0.00	199	0	9	0	0	178,290	110,695	0	0	0	67,595
497+65.063	49765.06	15.06	161.29	0.00	0.71	0.00	0.00	87	0	1	0	0	178,377	110,696	0	0	0	67,681
498+00	49800.00	34.94	171.93	0.00	0.06	0.00	0.00	216	0	0	0	0	178,593	110,696	0	0	0	67,897
498+50	49850.00	50.00	193.31	0.00	0.02	0.00	0.00	338	0	0	0	0	178,931	110,696	0	0	0	68,235
499+00	49900.00	50.00	243.30	0.00	0.91	0.00	0.00	404	0	1	0	0	179,335	110,698	0	0	0	68,638
499+50	49950.00	50.00	239.92	0.00	19.43	0.00	0.00	447	0	19	0	0	179,782	110,721	0	0	0	69,061
500+00	50000.00	50.00	130.93	0.00	8.75	0.00	0.00	343	0	26	0	0	180,125	110,754	0	0	0	69,371
500+50	50050.00	50.00	52.19	0.00	9.35	0.00	0.00	170	0	17	0	0	180,295	110,775	0	0	0	69,520
501+00	50100.00	50.00	110.55	0.00	5.32	0.00	0.00	151	0	14	0	0	180,446	110,793	0	0	0	69,654
501+50	50150.00	50.00	123.59	0.00	1.54	0.00	0.00	217	0	6	0	0	180,663	110,800	0	0	0	69,863
502+00	50200.00	50.00	107.44	0.00	0.33	0.00	0.00	214	0	2	0	0	180,877	110,803	0	0	0	70,075
502+50	50250.00	50.00	96.23	0.00	0.01	0.00	0.00	189	0	0	0	0	181,066	110,803	0	0	0	70,264
503+00	50300.00	50.00	76.37	0.00	0.18	0.00	0.00	160	0	0	0	0	181,226	110,803	0	0	0	70,424
503+50	50350.00	50.00	24.32	0.00	10.21	0.00	0.00	93	0	10	0	0	181,319	110,815	0	0	0	70,504
504+00	50400.00	50.00	18.55	0.00	56.49	0.00	0.00	40	0	62	0	0	181,359	110,893	0	0	0	70,467
504+50	50450.00	50.00	20.30	0.00	2.02	0.00	0.00	36	0	54	0	0	181,395	110,960	0	0	0	70,435
505+00	50500.00	50.00	83.34	0.00	1.97	0.00	0.00	96	0	4	0	0	181,491	110,965	0	0	0	70,526
505+50	50550.00	50.00	121.56	0.00	8.32	0.00	0.00	190	0	10	0	0	181,681	110,978	0	0	0	70,704
506+00	50600.00	50.00	154.32	0.00	16.27	0.00	0.00	255	0	23	0	0	181,936	111,006	0	0	0	70,930
506+50	50650.00	50.00	23.72	0.00	3.15	0.00	0.00	165	0	18	0	0	182,101	111,029	0	0	0	71,072
506+78.815	50678.82	28.82	27.51	0.00	28.30	0.00	0.00	27	0	17	0	0	182,128	111,050	0	0	0	71,078
507+00	50700.00	21.18	31.38	0.00	0.22	0.00	0.00	23	0	11	0	0	182,151	111,064	0	0	0	71,087
507+50	50750.00	50.00	36.12	0.00	1.53	0.00	0.00	62	0	2	0	0	182,213	111,066	0	0	0	71,147
507+59.888	50759.89	9.89	39.23	0.00	2.04	0.00	0.00	14	0	1	0	0	182,227	111,068	0	0	0	71,160
508+00	50800.00	40.11	53.15	0.00	0.00	0.00	0.00	69	0	2	0	0	182,296	111,070	0	0	0	71,226
508+40.96	50840.96	40.96	68.44	0.00	0.00	0.00	0.00	92	0	0	0	0	182,388	111,070	0	0	0	71,318
508+49.758	50849.76	8.80	44.92	0.00	0.00	0.00	0.00	18	0	0	0	0	182,406	111,070	0	0	0	71,336

Notes:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2 - SALVAGED/UNUSABLE PAVEMENT MATERIAL	THIS DOES NOT SHOW UP IN CROSS SECTIONS
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - EXPANDED ROCK) * FILL FACTOR)]
8 - MASS ORDINATE	IF MARSH AND EBS TO BE BACKFILLED WITH GRANULAR: [CUT - SALVAGED PAVT - ((FILL - EXPANDED ROCK) * FILL FACTOR)]

Division 1 - CTH F EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
														1.00	1.25	1.10	1.30	0.80	
									NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
09+12.659	912.66	0.00	12.17	0.00	3.19	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
09+15	915.00	2.34	12.19	0.00	2.23	0.00	0.00	0.00	1	0	0	0	0	1	0	0	0	0	1
09+20	920.00	5.00	12.38	0.00	1.55	0.00	0.00	0.00	2	0	0	0	0	3	0	0	0	0	3
09+25	925.00	5.00	12.78	0.00	1.35	0.00	0.00	0.00	2	0	0	0	0	5	0	0	0	0	5
09+30	930.00	5.00	13.67	0.00	1.21	0.00	0.00	0.00	2	0	0	0	0	7	0	0	0	0	7
09+35	935.00	5.00	15.11	0.00	0.97	0.00	0.00	0.00	3	0	0	0	0	10	0	0	0	0	10
09+40	940.00	5.00	17.17	0.00	0.84	0.00	0.00	0.00	3	0	0	0	0	13	0	0	0	0	13
09+45	945.00	5.00	19.34	0.00	0.00	0.00	0.00	0.00	3	0	0	0	0	16	0	0	0	0	16
09+50	950.00	5.00	19.73	0.00	0.14	0.00	0.00	0.00	4	0	0	0	0	20	0	0	0	0	20
09+55	955.00	5.00	19.93	0.00	0.19	0.00	0.00	0.00	4	0	0	0	0	24	0	0	0	0	24
09+60	960.00	5.00	19.95	0.00	0.27	0.00	0.00	0.00	4	0	0	0	0	28	0	0	0	0	28
09+65	965.00	5.00	19.33	0.00	0.32	0.00	0.00	0.00	4	0	0	0	0	32	0	0	0	0	32
09+70	970.00	5.00	17.25	0.00	0.00	0.00	0.00	0.00	3	0	0	0	0	35	0	0	0	0	35
09+75	975.00	5.00	11.78	0.00	0.00	0.00	0.00	0.00	3	0	0	0	0	38	0	0	0	0	38
09+80	980.00	5.00	7.51	0.00	0.00	0.00	0.00	0.00	2	0	0	0	0	40	0	0	0	0	40
09+85	985.00	5.00	2.66	0.00	0.00	0.00	0.00	0.00	1	0	0	0	0	41	0	0	0	0	41

Division 2 - CTH K EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
														1.00	1.25	1.10	1.30	0.80	
									NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
08+63.309	863.31	0.00	0.44	0.00	11.69	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
09+00	900.00	36.69	119.41	0.00	3.35	0.00	0.00	0.00	81	0	10	0	0	81	13	0	0	0	69
09+23.309	923.31	23.31	152.10	0.00	0.01	0.00	0.00	0.00	117	0	1	0	0	198	14	0	0	0	184
09+25	925.00	1.69	159.32	0.00	0.01	0.00	0.00	0.00	10	0	0	0	0	208	14	0	0	0	194
09+30	930.00	5.00	169.86	0.00	0.00	0.00	0.00	0.00	30	0	0	0	0	238	14	0	0	0	224
09+35	935.00	5.00	191.53	0.00	0.00	0.00	0.00	0.00	33	0	0	0	0	271	14	0	0	0	257
09+40	940.00	5.00	199.14	0.00	0.00	0.00	0.00	0.00	36	0	0	0	0	307	14	0	0	0	293
09+45	945.00	5.00	206.50	0.00	0.00	0.00	0.00	0.00	38	0	0	0	0	345	14	0	0	0	331
09+50	950.00	5.00	220.80	0.00	0.00	0.00	0.00	0.00	40	0	0	0	0	385	14	0	0	0	371
09+55	955.00	5.00	212.22	0.00	0.00	0.00	0.00	0.00	40	0	0	0	0	425	14	0	0	0	411
09+60	960.00	5.00	199.32	0.00	0.00	0.00	0.00	0.00	38	0	0	0	0	463	14	0	0	0	449
09+65	965.00	5.00	174.25	0.00	0.00	0.00	0.00	0.00	35	0	0	0	0	498	14	0	0	0	484
09+70	970.00	5.00	150.10	0.00	0.00	0.00	0.00	0.00	30	0	0	0	0	528	14	0	0	0	514
09+75	975.00	5.00	119.18	0.00	0.00	0.00	0.00	0.00	25	0	0	0	0	553	14	0	0	0	539
09+80	980.00	5.00	67.97	0.00	0.00	0.00	0.00	0.00	17	0	0	0	0	570	14	0	0	0	556
09+85	985.00	5.00	17.19	0.00	0.00	0.00	0.00	0.00	8	0	0	0	0	578	14	0	0	0	564

Division 3 - NORTH EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
														1.00	1.25	1.10	1.30	0.80	
									NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
10+15	1015.00	0.00	35.33	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
10+20	1020.00	5.00	80.57	0.00	0.00	0.00	0.00	0.00	11	0	0	0	0	11	0	0	0	0	11
10+25	1025.00	5.00	122.23	0.00	0.00	0.00	0.00	0.00	19	0	0	0	0	30	0	0	0	0	30
10+30	1030.00	5.00	161.13	0.00	0.00	0.00	0.00	0.00	26	0	0	0	0	56	0	0	0	0	56
10+35	1035.00	5.00	215.67	0.00	0.00	0.00	0.00	0.00	35	0	0	0	0	91	0	0	0	0	91
10+40	1040.00	5.00	211.94	0.00	0.00	0.00	0.00	0.00	40	0	0	0	0	131	0	0	0	0	131
10+45	1045.00	5.00	196.63	0.00	0.00	0.00	0.00	0.00	38	0	0	0	0	169	0	0	0	0	169
10+50	1050.00	5.00	188.98	0.00	0.00	0.00	0.00	0.00	36	0	0	0	0	205	0	0	0	0	205
10+55	1055.00	5.00	186.00	0.00	0.00	0.00	0.00	0.00	35	0	0	0	0	240	0	0	0	0	240
10+56.271	1056.27	1.27	185.43	0.00	0.00	0.00	0.00	0.00	9	0	0	0	0	249	0	0	0	0	249
11+00	1100.00	43.73	105.74	0.00	0.00	0.00	0.00	0.00	236	0	0	0	0	485	0	0	0	0	485
11+50	1150.00	50.00	94.88	0.00	0.00	0.00	0.00	0.00	186	0	0	0	0	671	0	0	0	0	671
12+00	1200.00	50.00	69.88	0.00	0.29	0.00	0.00	0.00	153	0	0	0	0	824	0	0	0	0	824
12+50	1250.00	50.00	55.49	0.00	1.26	0.00	0.00	0.00	116	0	1	0	0	940	1	0	0	0	939
12+77.549	1277.55	27.55	50.83	0.00	3.04	0.00	0.00	0.00	54	0	2	0	0	994	4	0	0	0	990
12+85	1285.00	7.45	50.82	0.00	1.75	0.00	0.00	0.00	14	0	1	0	0	1,008	5	0	0	0	1,003

Division 2 - SOUTH EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
08+00	800.00	0.00	92.74	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
08+50	850.00	50.00	176.80	0.00	0.00	0.00	0.00	0.00	250	0	0	0	0	250	0	0	0	0	250
08+71.854	871.85	21.85	133.23	0.00	1.34	0.00	0.00	0.00	125	0	1	0	0	375	1	0	0	0	374
08+75	875.00	3.15	148.83	0.00	2.61	0.00	0.00	0.00	16	0	0	0	0	391	1	0	0	0	390
08+80	880.00	5.00	151.83	0.00	2.69	0.00	0.00	0.00	28	0	0	0	0	419	1	0	0	0	418
08+85	885.00	5.00	159.01	0.00	2.70	0.00	0.00	0.00	29	0	0	0	0	448	1	0	0	0	447
08+90	890.00	5.00	172.05	0.00	3.09	0.00	0.00	0.00	31	0	1	0	0	479	3	0	0	0	477
08+95	895.00	5.00	186.82	0.00	2.63	0.00	0.00	0.00	33	0	1	0	0	512	4	0	0	0	508
09+00	900.00	5.00	187.66	0.00	1.21	0.00	0.00	0.00	35	0	0	0	0	547	4	0	0	0	543
09+05	905.00	5.00	170.96	0.00	0.04	0.00	0.00	0.00	33	0	0	0	0	580	4	0	0	0	576
09+10	910.00	5.00	152.40	0.00	0.00	0.00	0.00	0.00	30	0	0	0	0	610	4	0	0	0	606
09+15	915.00	5.00	144.18	0.00	0.01	0.00	0.00	0.00	27	0	0	0	0	637	4	0	0	0	633
09+20	920.00	5.00	137.07	0.00	0.02	0.00	0.00	0.00	26	0	0	0	0	663	4	0	0	0	659
09+25	925.00	5.00	116.42	0.00	0.04	0.00	0.00	0.00	23	0	0	0	0	686	4	0	0	0	682
09+30	930.00	5.00	110.77	0.00	0.23	0.00	0.00	0.00	21	0	0	0	0	707	4	0	0	0	703
09+35	935.00	5.00	113.95	0.00	0.77	0.00	0.00	0.00	21	0	0	0	0	728	4	0	0	0	724
09+40	940.00	5.00	116.44	0.00	1.45	0.00	0.00	0.00	21	0	0	0	0	749	4	0	0	0	745
09+45	945.00	5.00	110.94	0.00	2.53	0.00	0.00	0.00	21	0	0	0	0	770	4	0	0	0	766
09+50	950.00	5.00	102.80	0.00	3.87	0.00	0.00	0.00	20	0	1	0	0	790	5	0	0	0	785
09+55	955.00	5.00	97.08	0.00	3.17	0.00	0.00	0.00	19	0	1	0	0	809	6	0	0	0	803
09+60	960.00	5.00	92.33	0.00	1.96	0.00	0.00	0.00	18	0	0	0	0	827	6	0	0	0	821
09+65	965.00	5.00	83.15	0.00	0.00	0.00	0.00	0.00	16	0	0	0	0	843	6	0	0	0	837
09+70	970.00	5.00	65.26	0.00	0.00	0.00	0.00	0.00	14	0	0	0	0	857	6	0	0	0	851
09+75	975.00	5.00	47.46	0.00	0.00	0.00	0.00	0.00	10	0	0	0	0	867	6	0	0	0	861
09+80	980.00	5.00	29.04	0.00	0.00	0.00	0.00	0.00	7	0	0	0	0	874	6	0	0	0	868
09+85	985.00	5.00	10.26	0.00	0.00	0.00	0.00	0.00	4	0	0	0	0	878	6	0	0	0	872

Division 1 - EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
10+15	1015.00	0.00	1.70	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
10+20	1020.00	5.00	5.13	0.00	0.00	0.00	0.00	0.00	1	0	0	0	0	1	0	0	0	0	1
10+25	1025.00	5.00	12.92	0.00	0.00	0.00	0.00	0.00	2	0	0	0	0	3	0	0	0	0	3
10+30	1030.00	5.00	18.64	0.00	10.47	0.00	0.00	0.00	3	0	1	0	0	6	1	0	0	0	5
10+35	1035.00	5.00	21.07	0.00	9.97	0.00	0.00	0.00	4	0	2	0	0	10	4	0	0	0	6
10+40	1040.00	5.00	24.07	0.00	4.16	0.00	0.00	0.00	4	0	1	0	0	14	5	0	0	0	9
10+45	1045.00	5.00	27.13	0.00	2.43	0.00	0.00	0.00	5	0	1	0	0	19	6	0	0	0	13
10+47.334	1047.33	2.33	23.04	0.00	6.17	0.00	0.00	0.00	2	0	0	0	0	21	6	0	0	0	15

Division 3 - LILAC LN EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
08+59.689	859.69	0.00	55.29	0.00	0.75	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
09+00	900.00	40.31	65.53	0.00	11.94	0.00	0.00	0.00	90	0	9	0	0	90	11	0	0	0	79
09+08.264	908.26	8.26	89.75	0.00	14.40	0.00	0.00	0.00	24	0	4	0	0	114	16	0	0	0	98
09+10	910.00	1.74	83.07	0.00	14.96	0.00	0.00	0.00	6	0	1	0	0	120	18	0	0	0	103
09+15	915.00	5.00	83.55	0.00	16.46	0.00	0.00	0.00	15	0	3	0	0	135	21	0	0	0	114
09+20	920.00	5.00	80.80	0.00	17.26	0.00	0.00	0.00	15	0	3	0	0	150	25	0	0	0	125
09+25	925.00	5.00	77.46	0.00	17.81	0.00	0.00	0.00	15	0	3	0	0	165	29	0	0	0	136
09+30	930.00	5.00	69.29	0.00	18.14	0.00	0.00	0.00	14	0	3	0	0	179	33	0	0	0	147
09+35	935.00	5.00	66.70	0.00	18.60	0.00	0.00	0.00	13	0	3	0	0	192	36	0	0	0	156
09+40	940.00	5.00	68.84	0.00	19.07	0.00	0.00	0.00	13	0	3	0	0	205	40	0	0	0	165
09+45	945.00	5.00	67.17	0.00	16.43	0.00	0.00	0.00	13	0	3	0	0	218	44	0	0	0	174
09+50	950.00	5.00	65.23	0.00	14.84	0.00	0.00	0.00	12	0	3	0	0	230	48	0	0	0	183
09+55	955.00	5.00	71.69	0.00	9.41	0.00	0.00	0.00	13	0	2	0	0	243	50	0	0	0	193
09+60	960.00	5.00	82.26	0.00	0.00	0.00	0.00	0.00	14	0	1	0	0	257	51	0	0	0	206
09+65	965.00	5.00	77.35	0.00	0.00	0.00	0.00	0.00	15	0	0	0	0	272	51	0	0	0	221
09+70	970.00	5.00	58.69	0.00	0.00	0.00	0.00	0.00	13	0	0	0	0	285	51	0	0	0	234
09+75	975.00	5.00	37.46	0.00	0.00	0.00	0.00	0.00	9	0	0	0	0	294	51	0	0	0	243
09+80	980.00	5.00	16.52	0.00	0.00	0.00	0.00	0.00	5	0	0	0	0	299	51	0	0	0	248

Division 3 - MATZ RD EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
														1.00	1.25	1.10	1.30	0.80	
									NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
06+65	665.00	0.00	1.15	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
06+70	670.00	5.00	6.38	0.00	0.00	0.00	0.00	0.00	1	0	0	0	0	1	0	0	0	0	1
06+75	675.00	5.00	15.74	0.00	0.00	0.00	0.00	0.00	2	0	0	0	0	3	0	0	0	0	3
06+80	680.00	5.00	28.47	0.00	0.00	0.00	0.00	0.00	4	0	0	0	0	7	0	0	0	0	7
06+85	685.00	5.00	39.58	0.00	0.00	0.00	0.00	0.00	6	0	0	0	0	13	0	0	0	0	13
06+90	690.00	5.00	40.55	0.00	0.30	0.00	0.00	0.00	7	0	0	0	0	20	0	0	0	0	20
06+95	695.00	5.00	45.42	0.00	0.76	0.00	0.00	0.00	8	0	0	0	0	28	0	0	0	0	28
07+00	700.00	5.00	53.54	0.00	7.09	0.00	0.00	0.00	9	0	1	0	0	37	1	0	0	0	36
07+05	705.00	5.00	61.60	0.00	2.01	0.00	0.00	0.00	11	0	1	0	0	48	3	0	0	0	46
07+10	710.00	5.00	57.58	0.00	0.98	0.00	0.00	0.00	11	0	0	0	0	59	3	0	0	0	57
07+15	715.00	5.00	57.16	0.00	0.93	0.00	0.00	0.00	11	0	0	0	0	70	3	0	0	0	68
07+17.31	717.31	2.31	56.95	0.00	0.79	0.00	0.00	0.00	5	0	0	0	0	75	3	0	0	0	73
07+50	750.00	32.69	68.11	0.00	0.00	0.00	0.00	0.00	76	0	0	0	0	151	3	0	0	0	149
08+00	800.00	50.00	90.66	0.00	0.00	0.00	0.00	0.00	147	0	0	0	0	298	3	0	0	0	296
08+28.503	828.50	28.50	88.06	0.00	0.00	0.00	0.00	0.00	94	0	0	0	0	392	3	0	0	0	390

Division 1 - OLD SETTLERS RD EARTHWORK SUMMARY

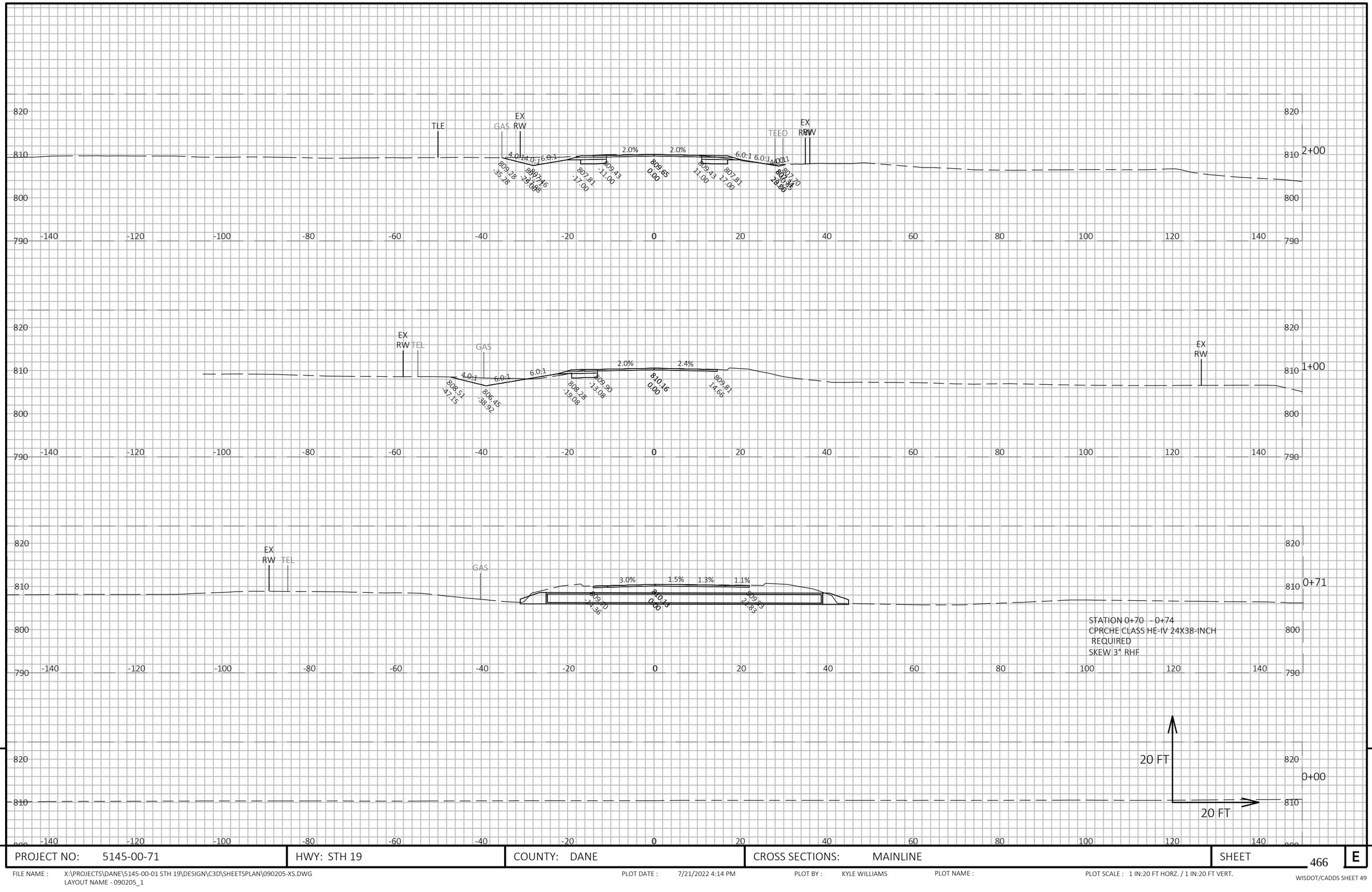
STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
														1.00	1.25	1.10	1.30	0.80	
									NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
10+11.002	1011.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
10+15	1015.00	4.00	3.27	0.00	0.00	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
10+20	1020.00	5.00	8.13	0.00	0.00	0.00	0.00	0.00	1	0	0	0	0	1	0	0	0	0	1
10+25	1025.00	5.00	10.86	0.00	0.00	0.00	0.00	0.00	2	0	0	0	0	3	0	0	0	0	3
10+30	1030.00	5.00	13.73	0.00	0.00	0.00	0.00	0.00	2	0	0	0	0	5	0	0	0	0	5
10+35	1035.00	5.00	35.18	0.00	0.00	0.00	0.00	0.00	5	0	0	0	0	10	0	0	0	0	10
10+40	1040.00	5.00	31.61	0.00	7.07	0.00	0.00	0.00	6	0	1	0	0	16	1	0	0	0	15
10+45	1045.00	5.00	31.57	0.00	4.08	0.00	0.00	0.00	6	0	1	0	0	22	3	0	0	0	20
10+50	1050.00	5.00	29.75	0.00	1.90	0.00	0.00	0.00	6	0	1	0	0	28	4	0	0	0	24
10+55	1055.00	5.00	17.68	0.00	0.69	0.00	0.00	0.00	4	0	0	0	0	32	4	0	0	0	28
10+60	1060.00	5.00	16.50	0.00	0.24	0.00	0.00	0.00	3	0	0	0	0	35	4	0	0	0	31
10+65	1065.00	5.00	15.87	0.00	0.09	0.00	0.00	0.00	3	0	0	0	0	38	4	0	0	0	34
10+71.066	1071.07	6.07	16.23	0.00	0.07	0.00	0.00	0.00	4	0	0	0	0	42	4	0	0	0	38

Division 3 - SUTZFEY CIR EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
														1.00	1.25	1.10	1.30	0.80	
									NOTE 1	NOTE 2	NOTE 3			NOTE 1			NOTE 5	NOTE 7	NOTE 8
09+34.258	934.26	0.00	68.94	0.00	0.08	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
09+50	950.00	15.74	100.47	0.00	0.11	0.00	0.00	0.00	49	0	0	0	0	49	0	0	0	0	49
09+57.475	957.48	7.48	118.09	0.00	0.00	0.00	0.00	0.00	30	0	0	0	0	79	0	0	0	0	79
09+60	960.00	2.52	128.56	0.00	0.00	0.00	0.00	0.00	12	0	0	0	0	91	0	0	0	0	91
09+65	965.00	5.00	141.39	0.00	0.49	0.00	0.00	0.00	25	0	0	0	0	116	0	0	0	0	116
09+70	970.00	5.00	139.58	0.00	0.00	0.00	0.00	0.00	26	0	0	0	0	142	0	0	0	0	142
09+75	975.00	5.00	116.86	0.00	0.00	0.00	0.00	0.00	24	0	0	0	0	166	0	0	0	0	166
09+80	980.00	5.00	77.83	0.00	0.00	0.00	0.00	0.00	18	0	0	0	0	184	0	0	0	0	184
09+85	985.00	5.00	35.52	0.00	0.00	0.00	0.00	0.00	10	0	0	0	0	194	0	0	0	0	194
09+88.992	988.99	3.99	0.06	0.00	0.00	0.00	0.00	0.00	3	0	0	0	0	197	0	0	0	0	197

Division 3 - WHIPPOORWILL RD EARTHWORK SUMMARY

STATION	REAL STATION	DISTANCE	AREA (SF)						INCREMENTAL VOL (CY) (UNADJUSTED)					CUMULATIVE VOL (CY)					
			CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	MARSH EXC	ROCK EXC	EBS	CUT	SALVAGED/UNUSABLE PAVEMENT MATERIAL	FILL	ROCK EXC	EBS	CUT	EXPANDED FILL	EXPANDED ROCK	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									NOTE 1	NOTE 2	NOTE 3			1.00 NOTE 1	1.25	1.10	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
08+10.01	810.01	0.00	66.80	0.00	227.41	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0	0	0
08+50	850.00	39.99	12.55	0.00	337.64	0.00	0.00	0.00	59	0	418	0	0	59	523	0	0	0	-464
09+00	900.00	50.00	0.00	0.00	329.25	0.00	0.00	0.00	12	0	617	0	0	71	1,294	0	0	0	-1,223
09+29.73	929.73	29.73	0.00	0.00	789.43	0.00	0.00	0.00	0	0	616	0	0	71	2,064	0	0	0	-1,993
09+30	930.00	0.27	0.00	0.00	787.40	0.00	0.00	0.00	0	0	8	0	0	71	2,074	0	0	0	-2,003
09+35	935.00	5.00	0.00	0.00	761.55	0.00	0.00	0.00	0	0	143	0	0	71	2,253	0	0	0	-2,182
09+40	940.00	5.00	0.00	0.00	746.77	0.00	0.00	0.00	0	0	140	0	0	71	2,428	0	0	0	-2,357
09+45	945.00	5.00	0.00	0.00	667.85	0.00	0.00	0.00	0	0	131	0	0	71	2,591	0	0	0	-2,520
09+50	950.00	5.00	0.00	0.00	557.56	0.00	0.00	0.00	0	0	113	0	0	71	2,733	0	0	0	-2,662
09+55	955.00	5.00	0.00	0.00	437.52	0.00	0.00	0.00	0	0	92	0	0	71	2,848	0	0	0	-2,777
09+60	960.00	5.00	0.00	0.00	328.98	0.00	0.00	0.00	0	0	71	0	0	71	2,936	0	0	0	-2,865
09+65	965.00	5.00	0.00	0.00	241.96	0.00	0.00	0.00	0	0	53	0	0	71	3,003	0	0	0	-2,932
09+70	970.00	5.00	0.00	0.00	181.29	0.00	0.00	0.00	0	0	39	0	0	71	3,051	0	0	0	-2,980
09+75	975.00	5.00	0.00	0.00	119.46	0.00	0.00	0.00	0	0	28	0	0	71	3,086	0	0	0	-3,015
09+80	980.00	5.00	0.00	0.00	49.26	0.00	0.00	0.00	0	0	16	0	0	71	3,106	0	0	0	-3,035



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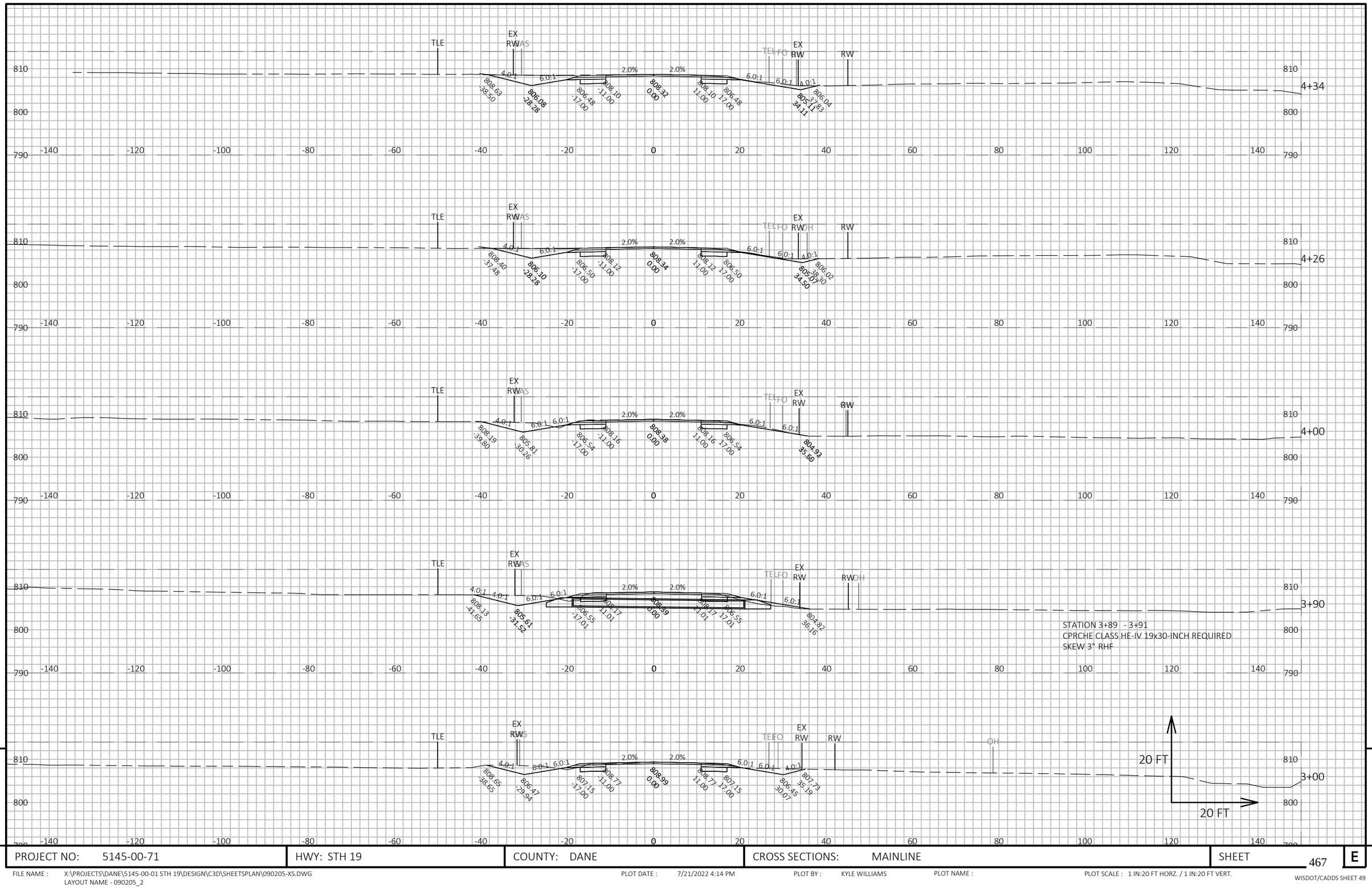
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 466	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_1

PLOT DATE : 7/21/2022 4:14 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



STATION 3+89 - 3+91
CPRCHE CLASS HE-IV 19x30-INCH REQUIRED
SKEW 3° RHF

9

9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 467	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_2

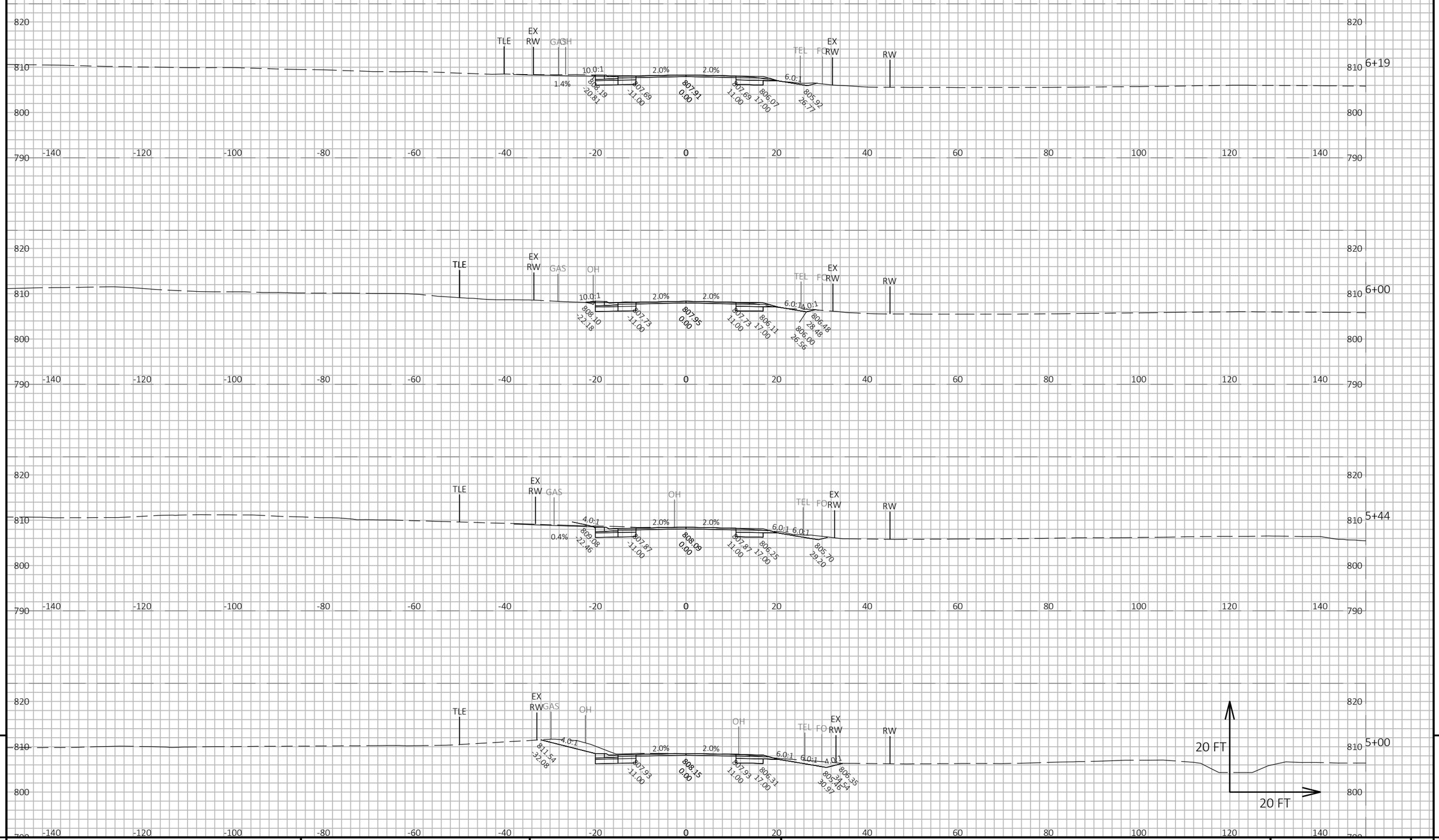
PLOT DATE : 7/21/2022 4:14 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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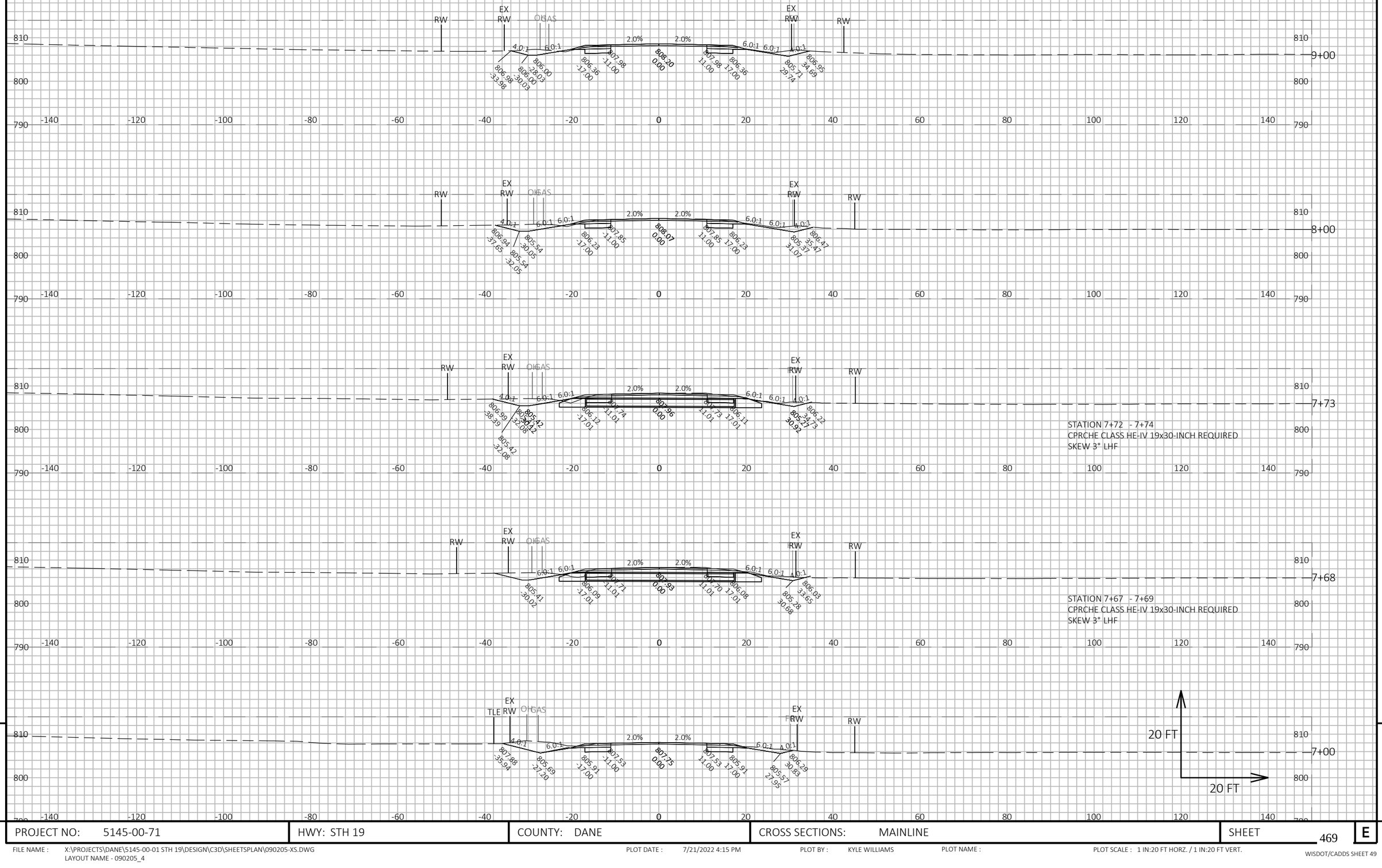
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 468	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_3

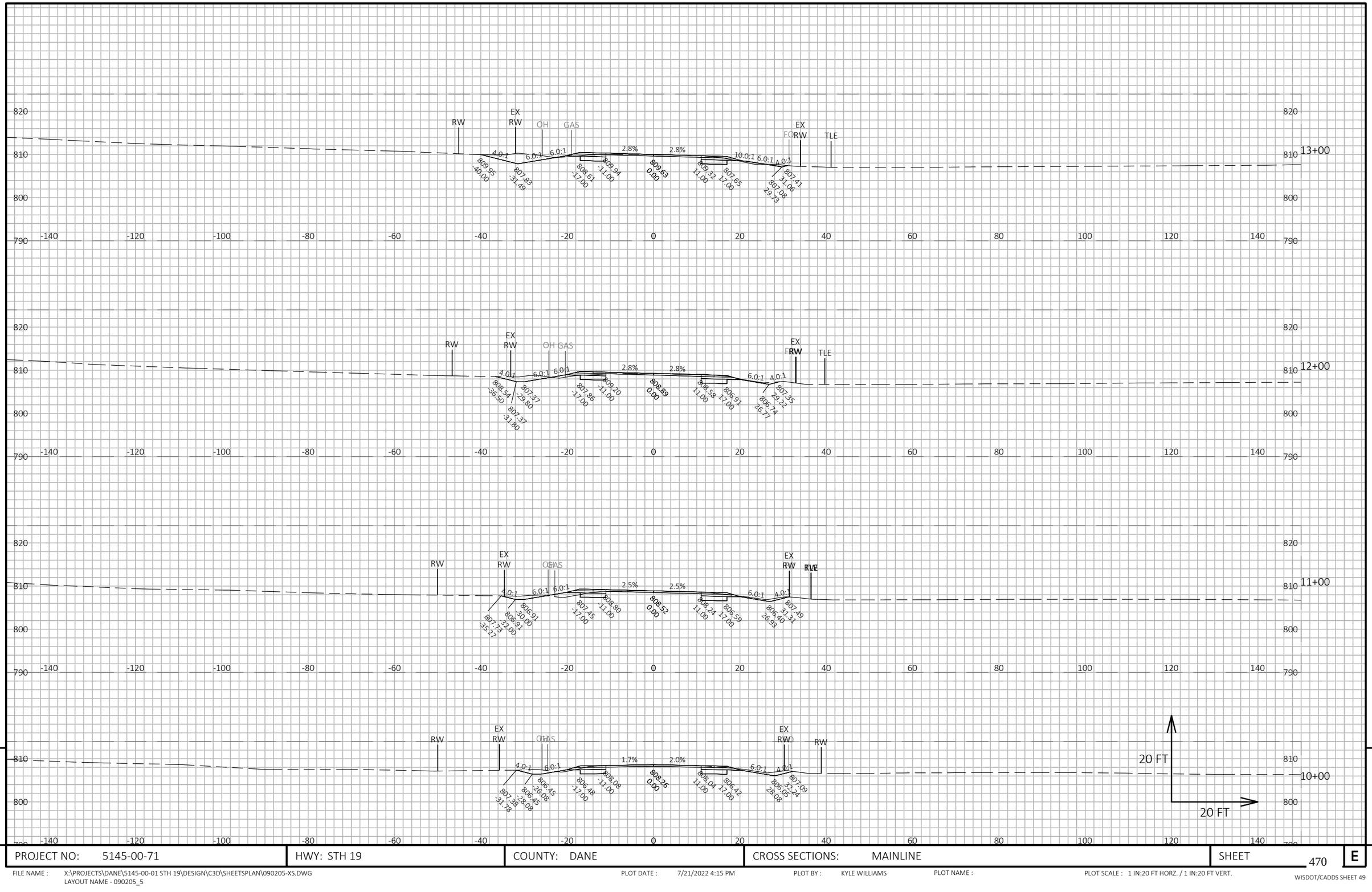
PLOT DATE : 7/21/2022 4:14 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 469	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_4
PLOT DATE : 7/21/2022 4:15 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 470	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_5

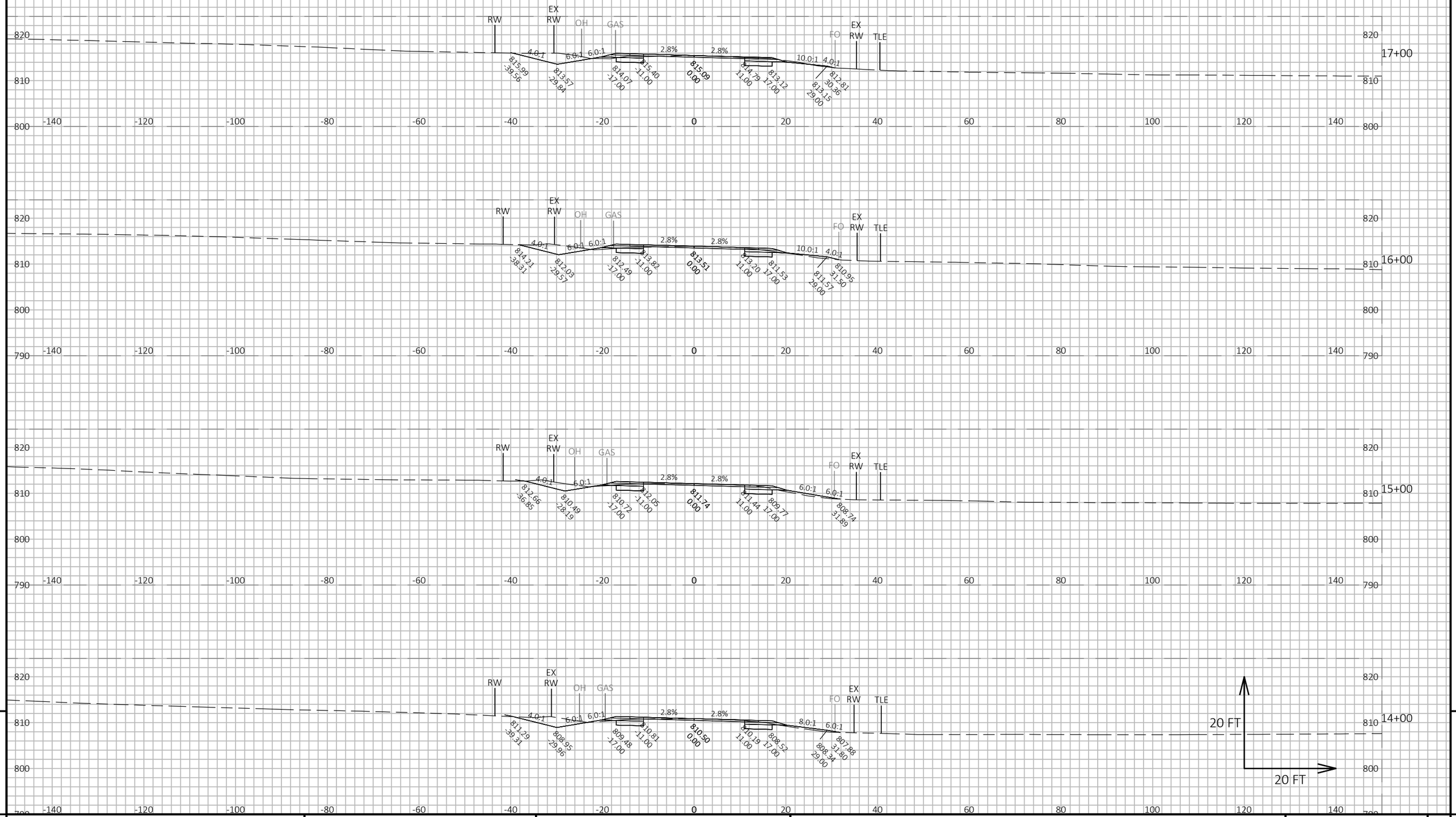
PLOT DATE : 7/21/2022 4:15 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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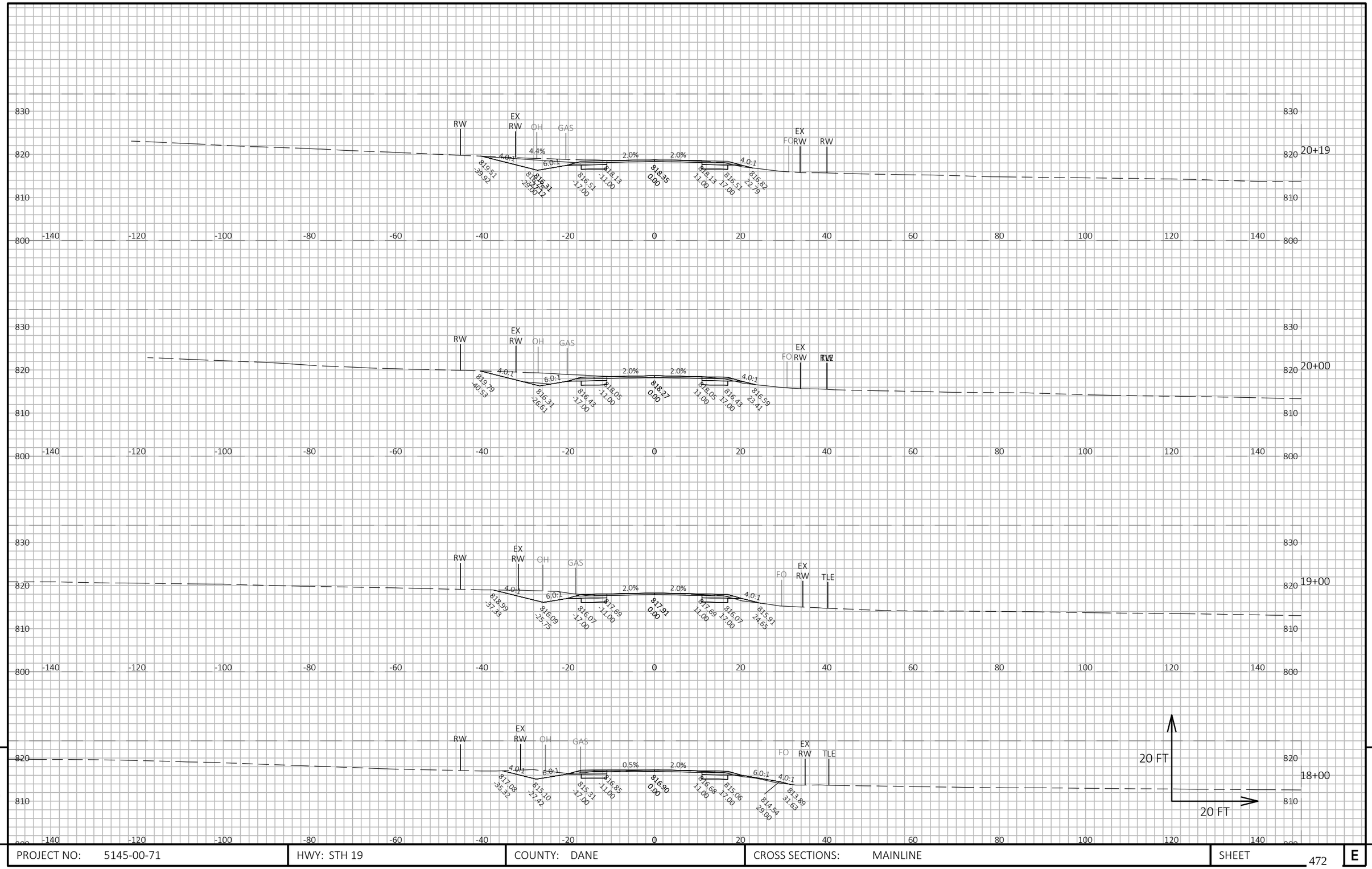
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 471	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_6

PLOT DATE : 7/21/2022 4:15 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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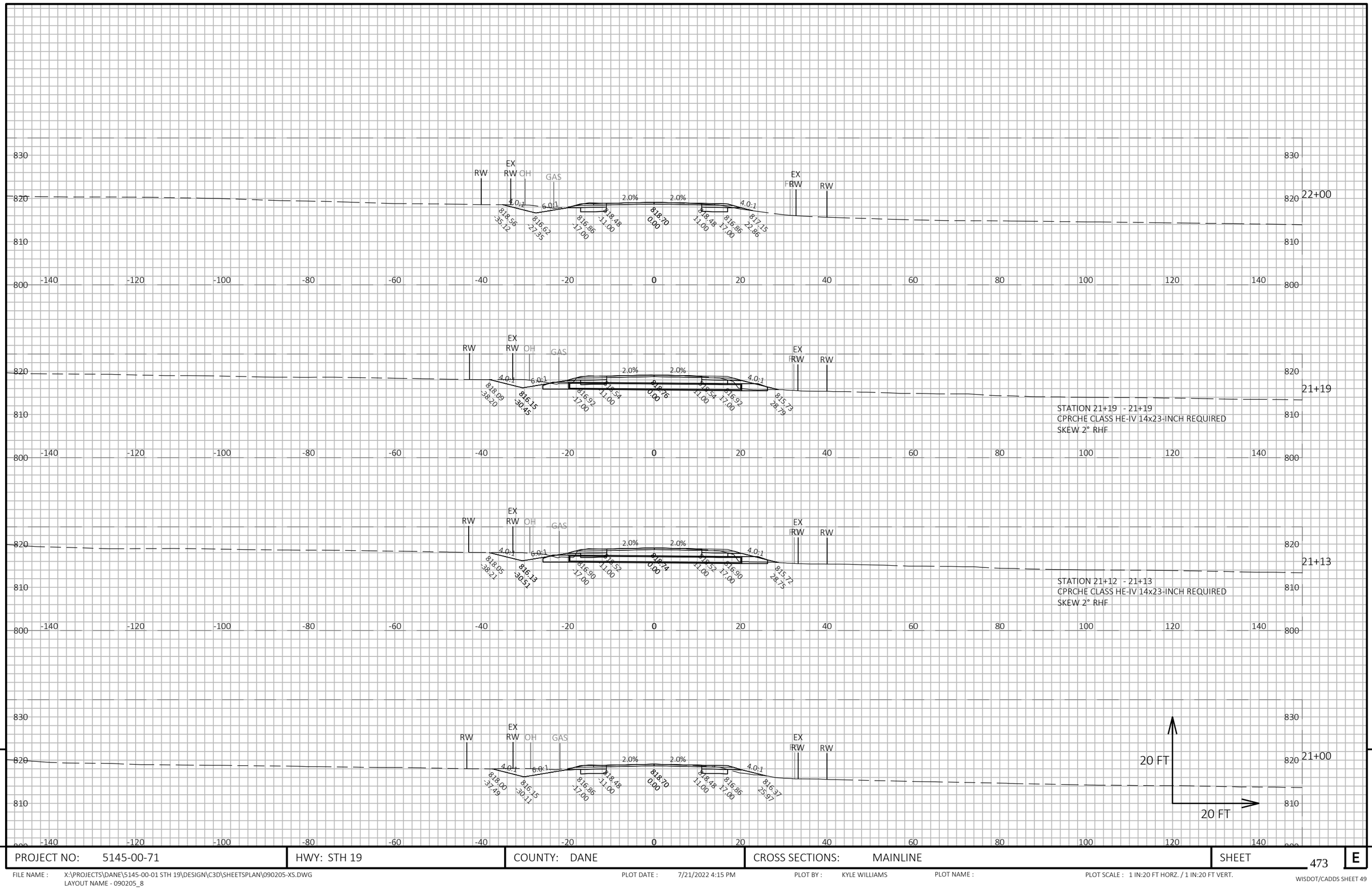
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 472	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_7

PLOT DATE : 7/21/2022 4:15 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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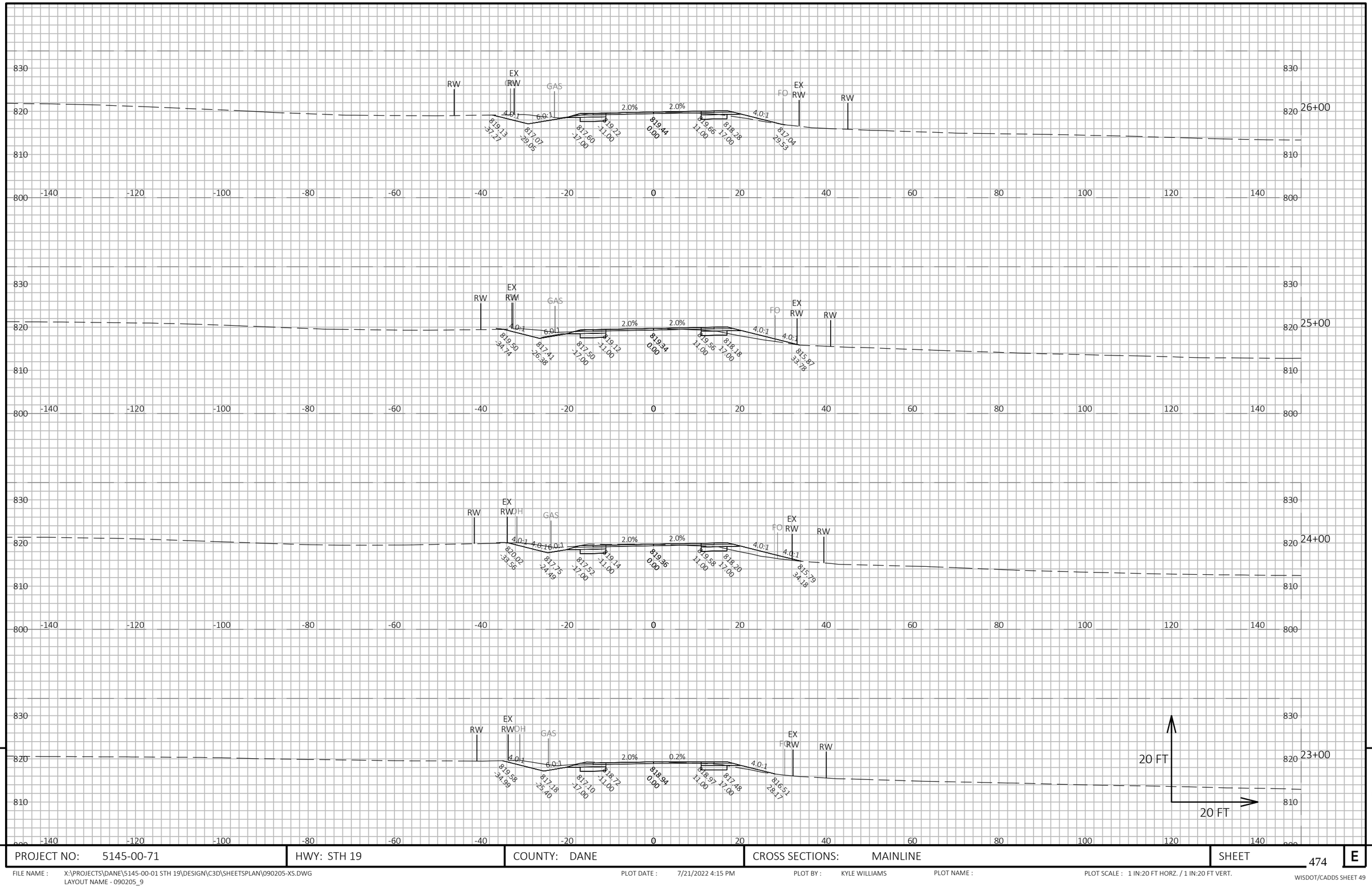
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 473	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_8

PLOT DATE : 7/21/2022 4:15 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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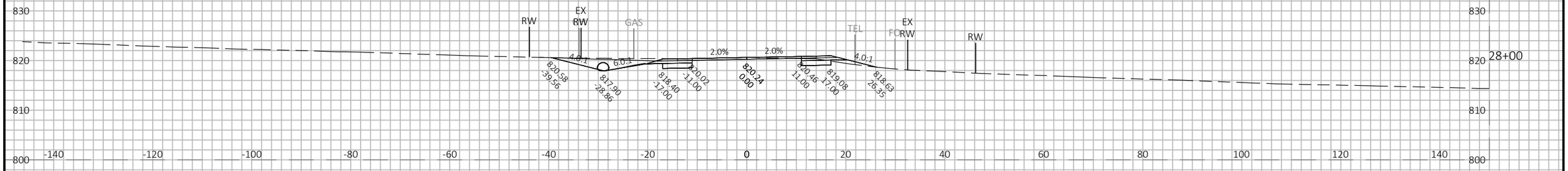
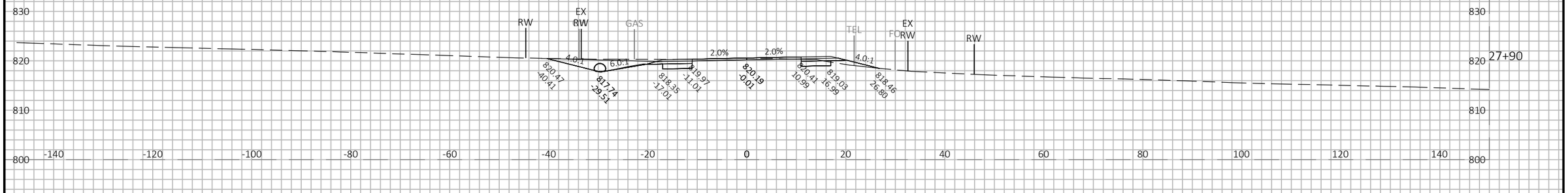
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 474	E

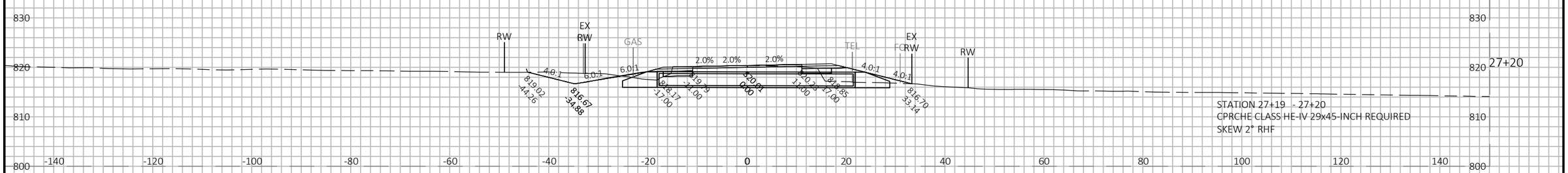
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_9

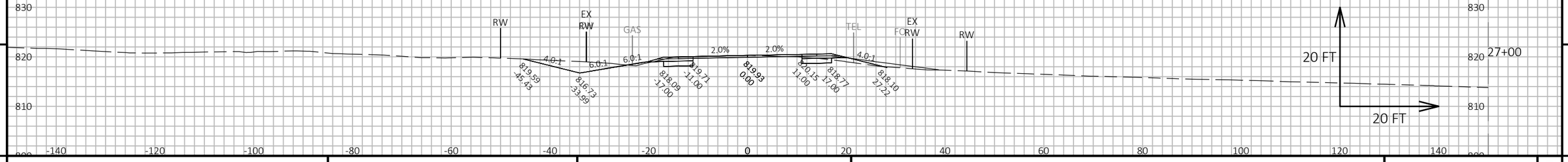
PLOT DATE : 7/21/2022 4:15 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49









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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 475	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_10

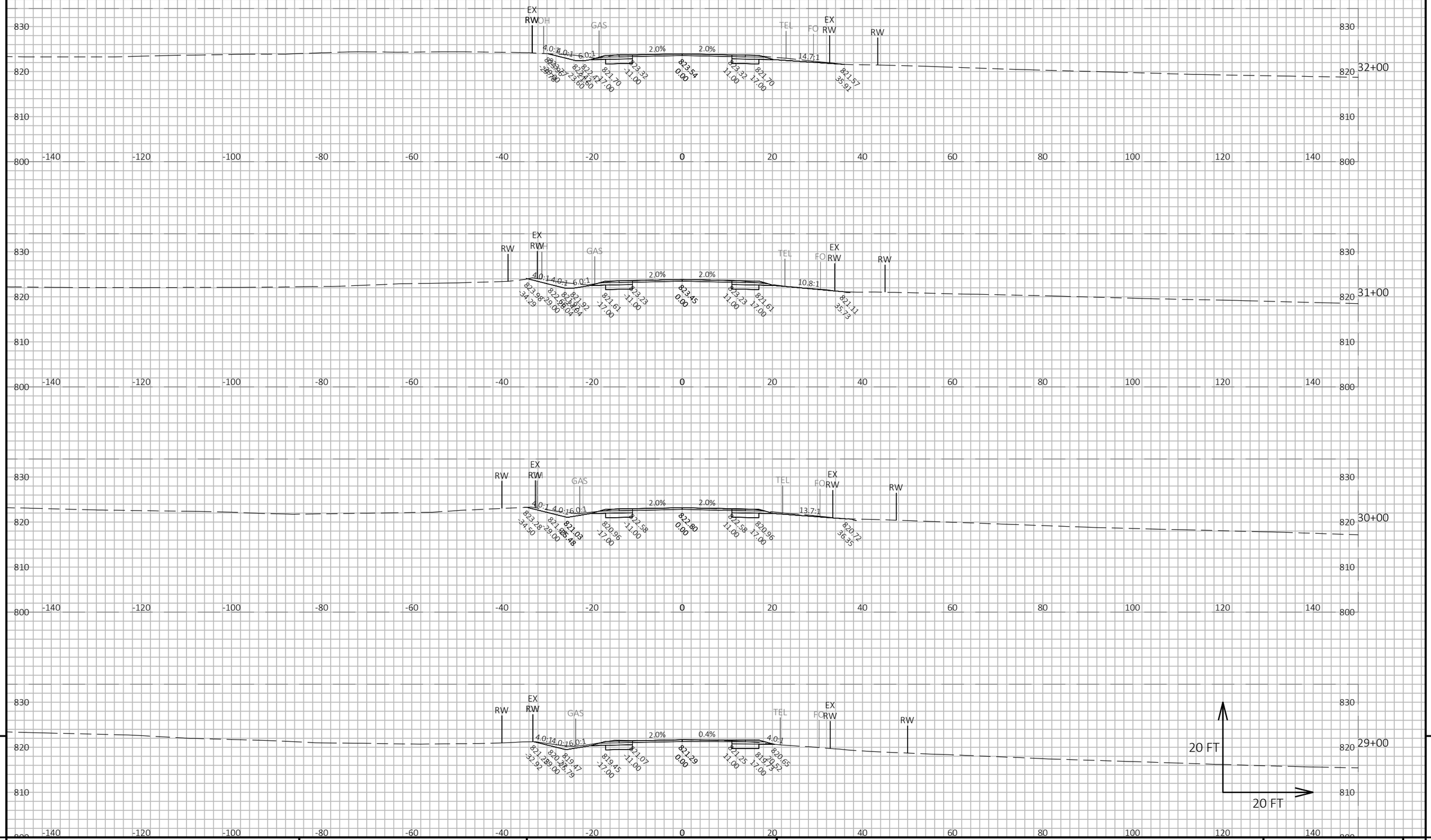
PLOT DATE : 7/21/2022 4:15 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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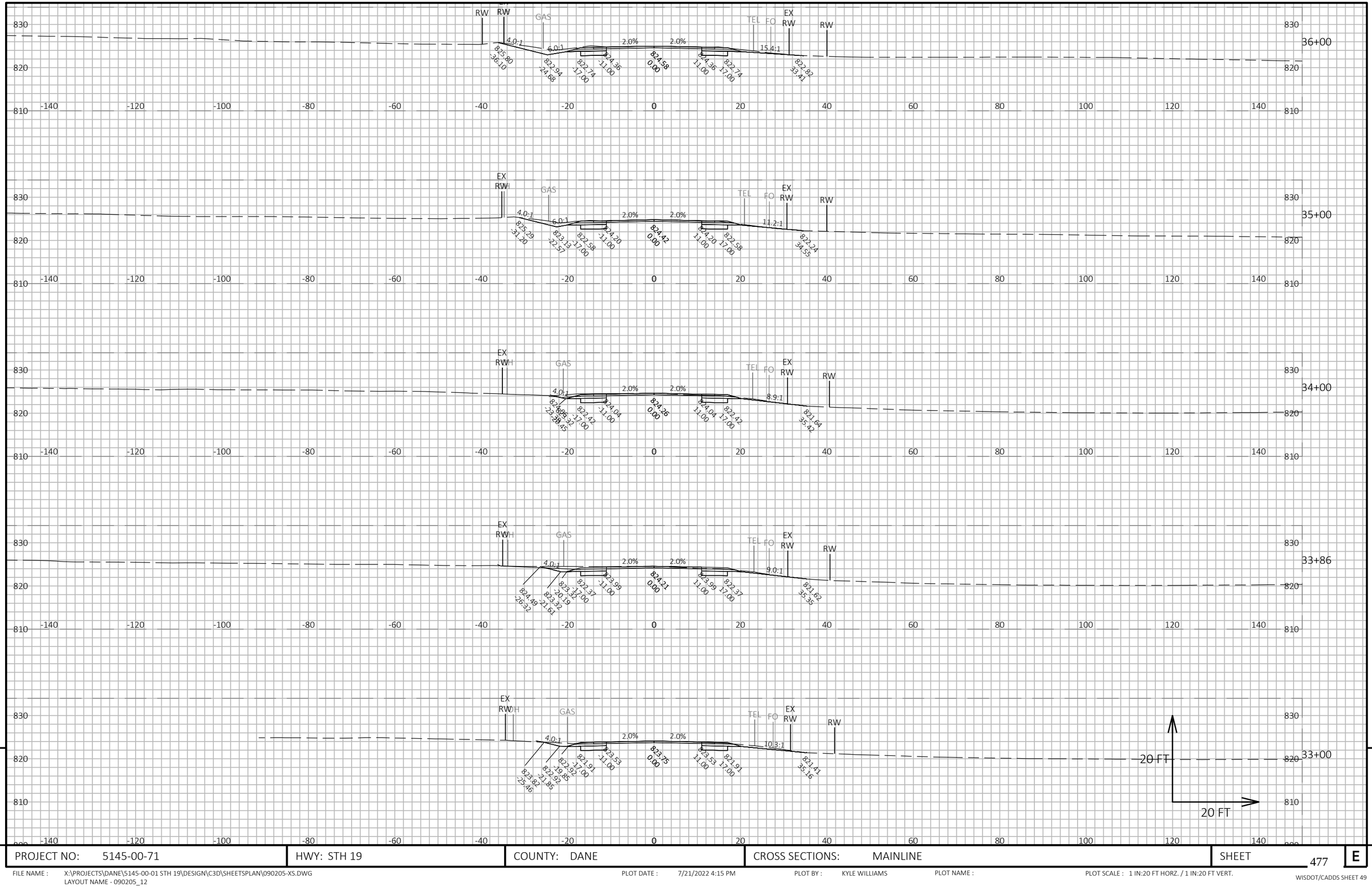
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 476	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_11

PLOT DATE : 7/21/2022 4:15 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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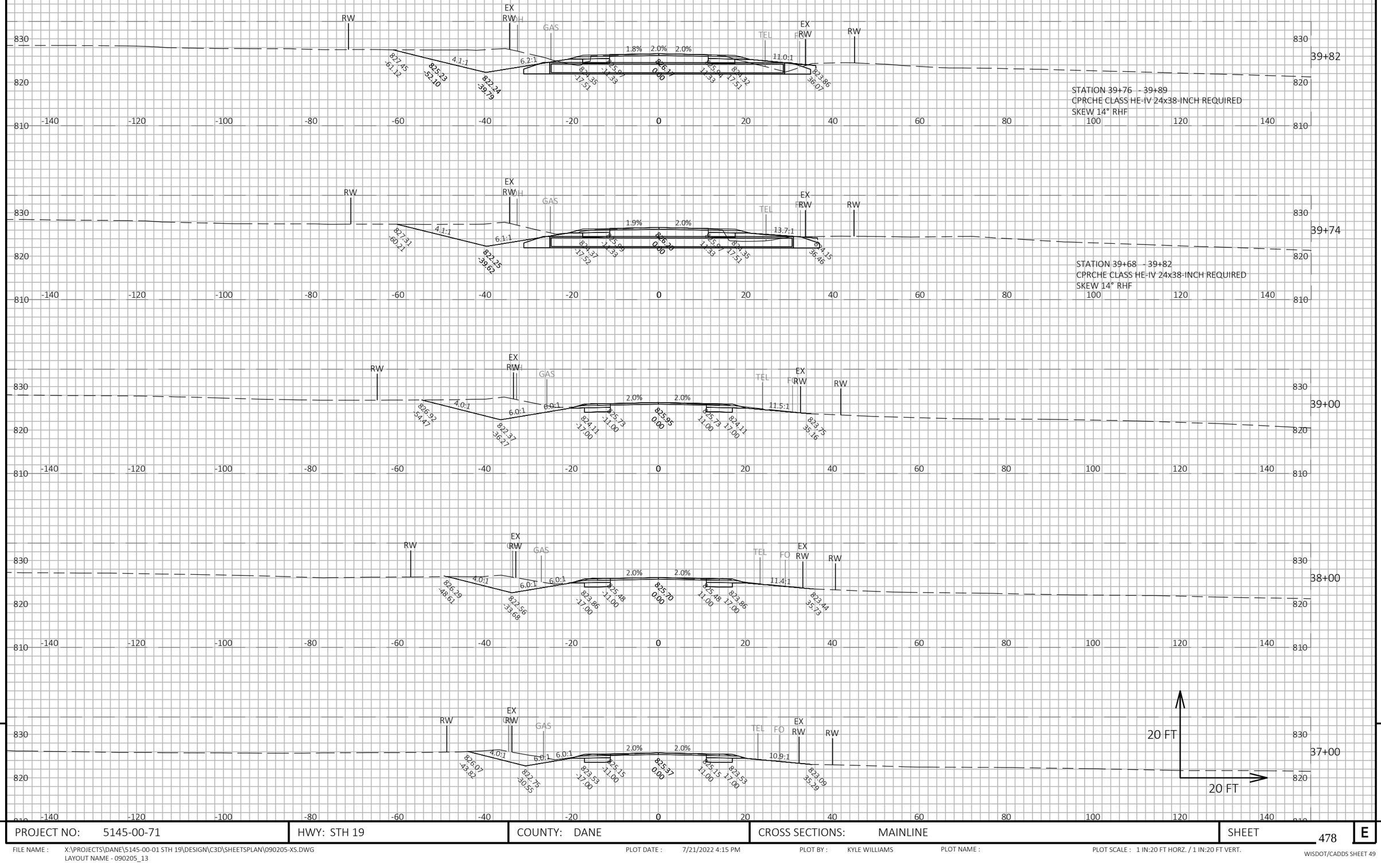
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 477	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_12

PLOT DATE : 7/21/2022 4:15 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

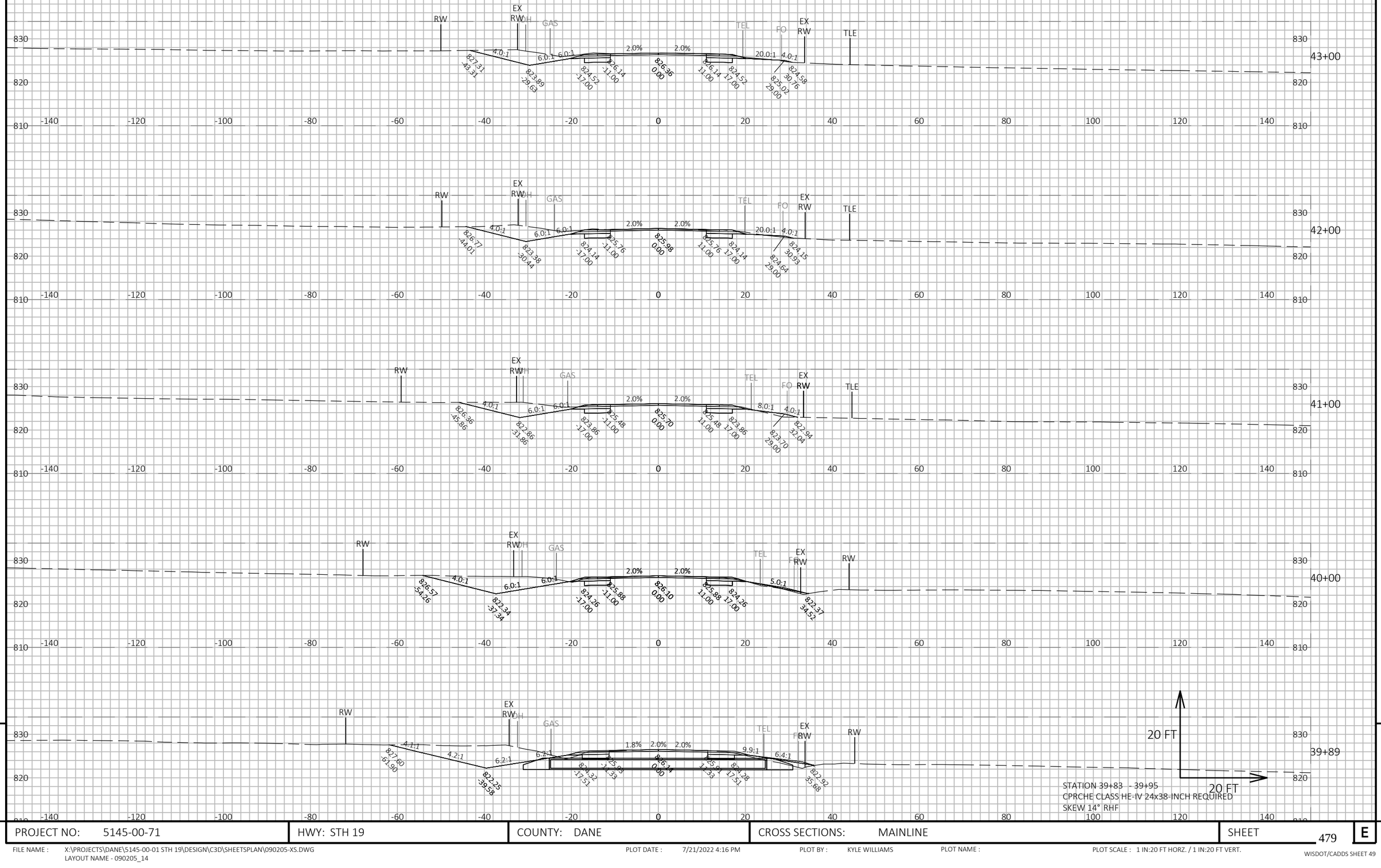


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 478	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_13

PLOT DATE : 7/21/2022 4:15 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

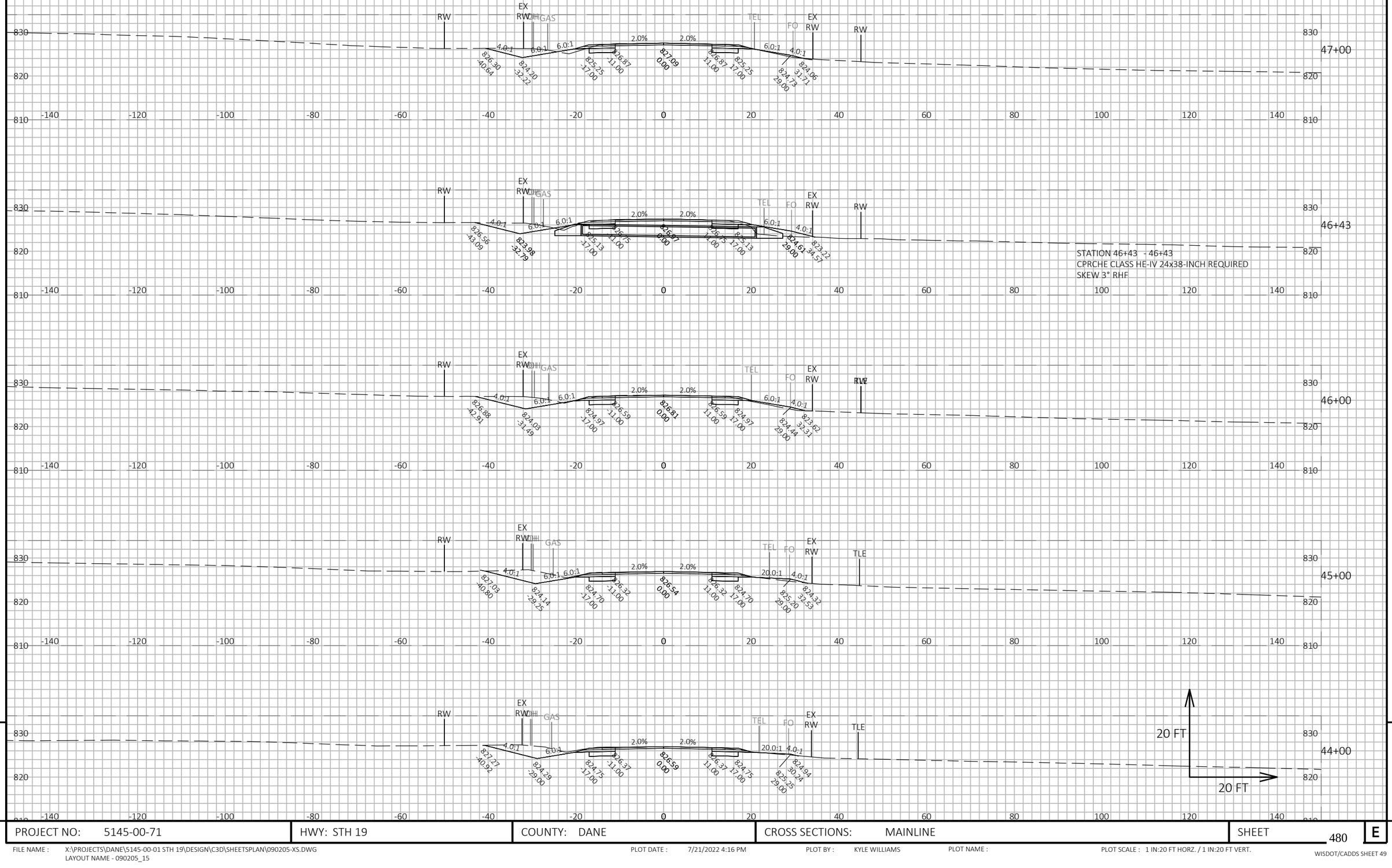


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 479	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_14

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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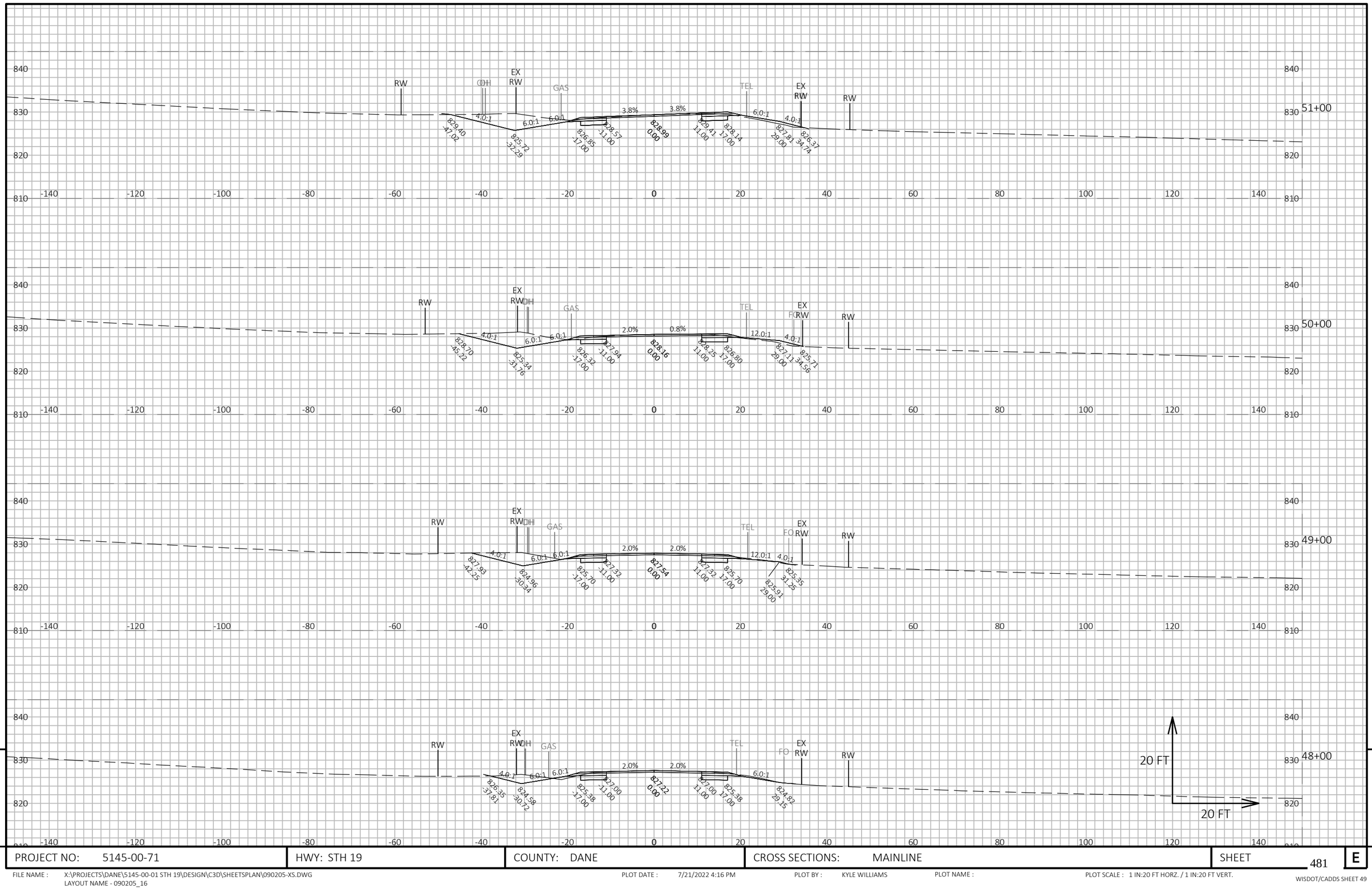
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 480	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_15

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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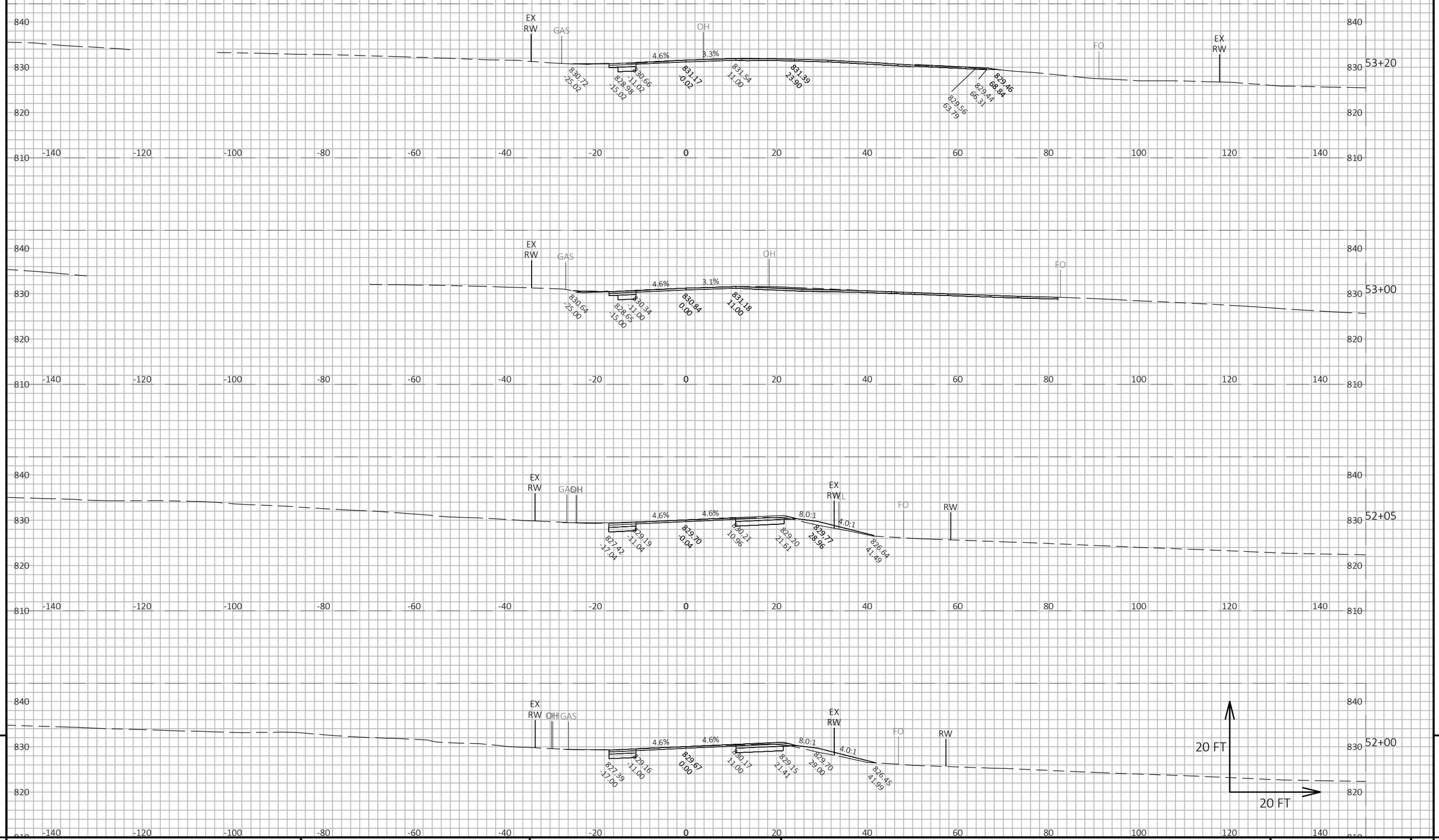
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 481	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_16

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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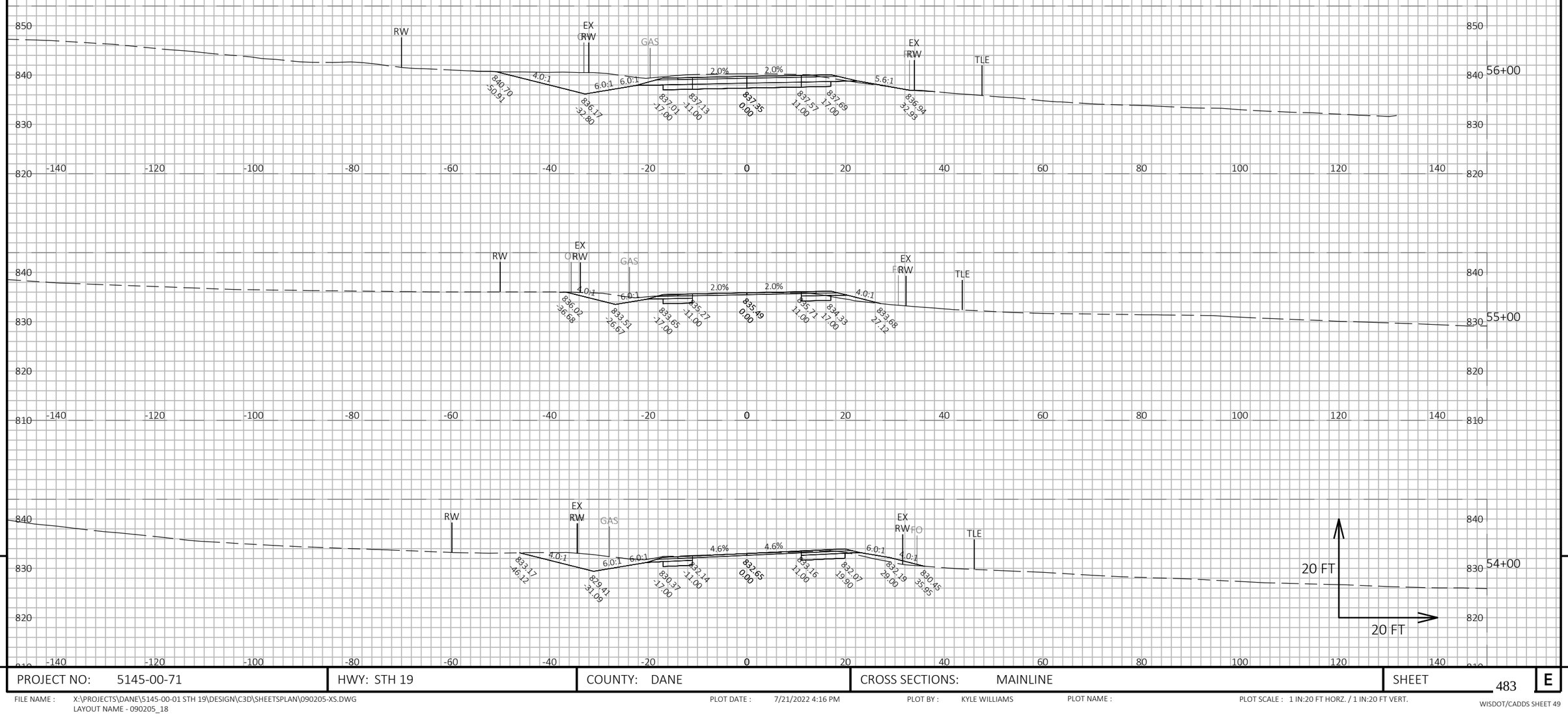
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 482	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_17

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

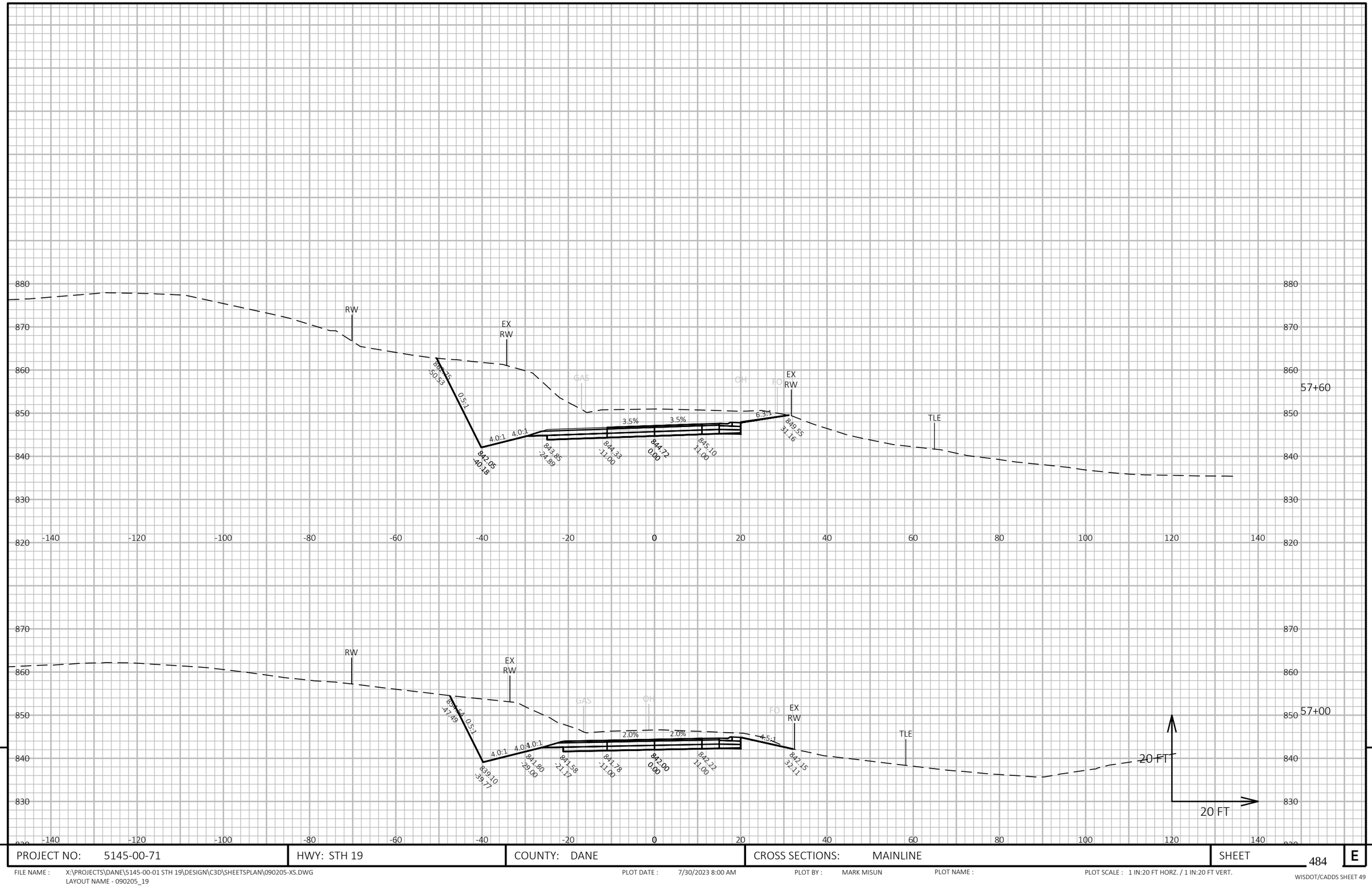


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 483	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_18

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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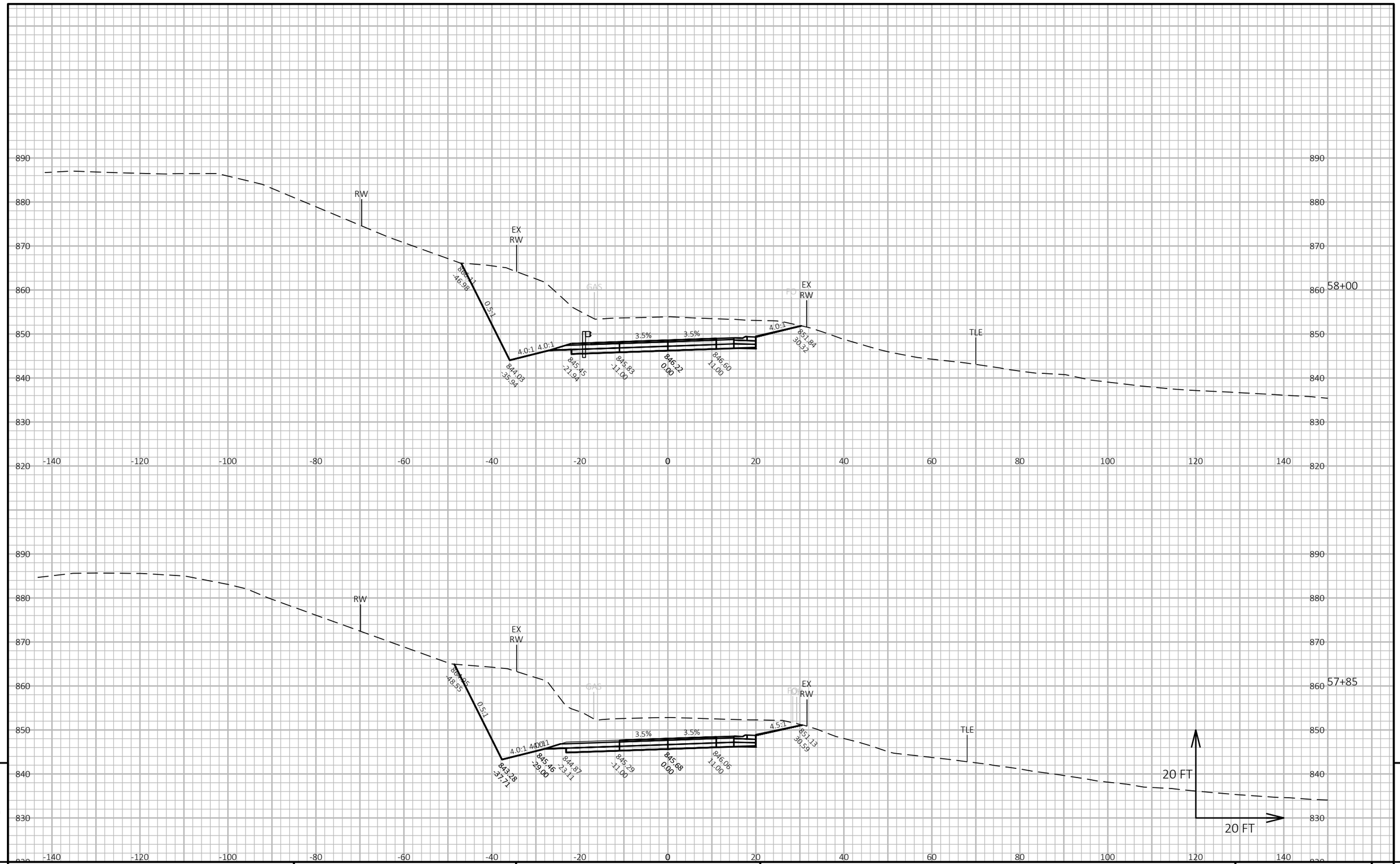
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 484	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_19

PLOT DATE : 7/30/2023 8:00 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

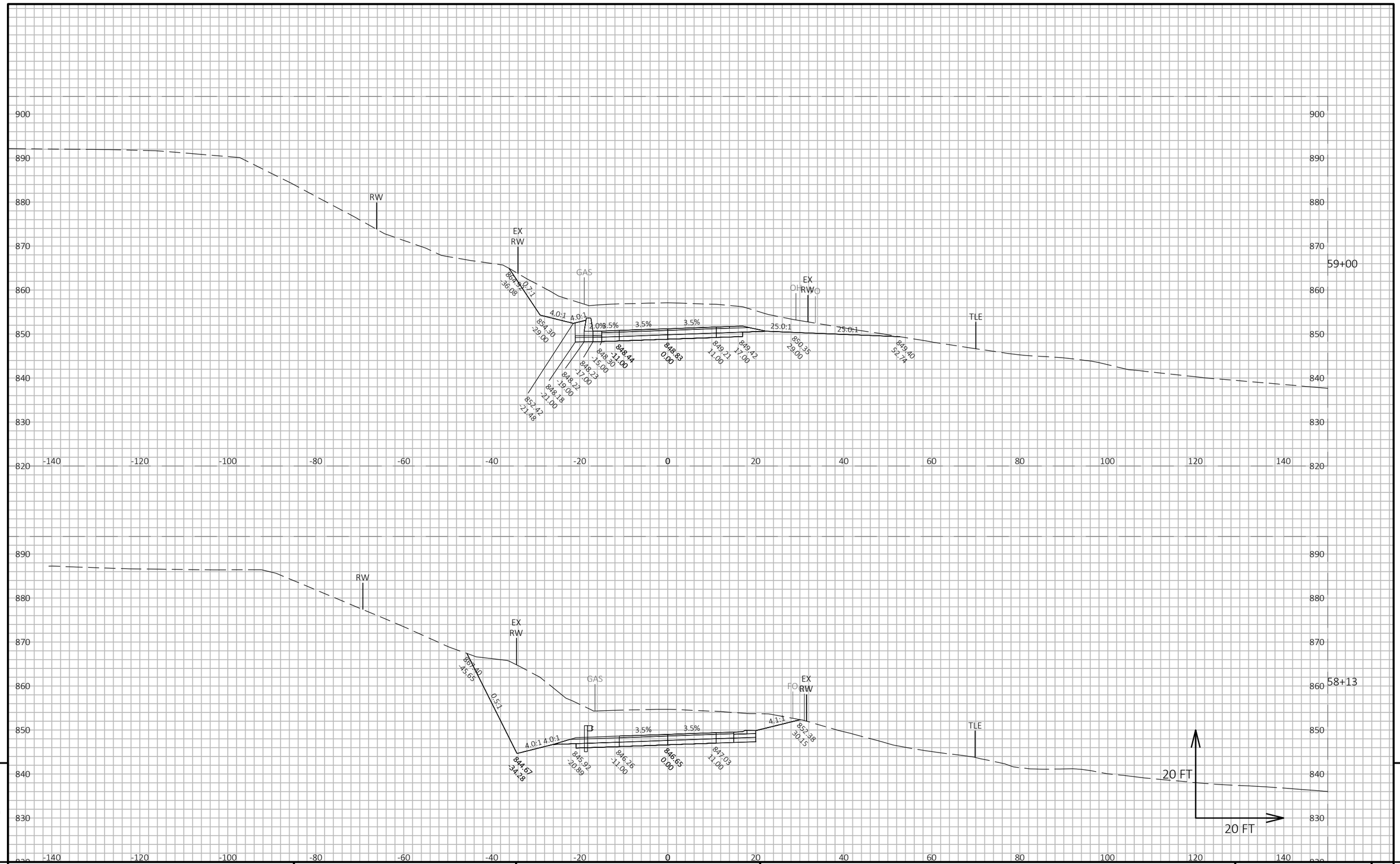


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 485	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_20

PLOT DATE : 7/30/2023 8:02 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

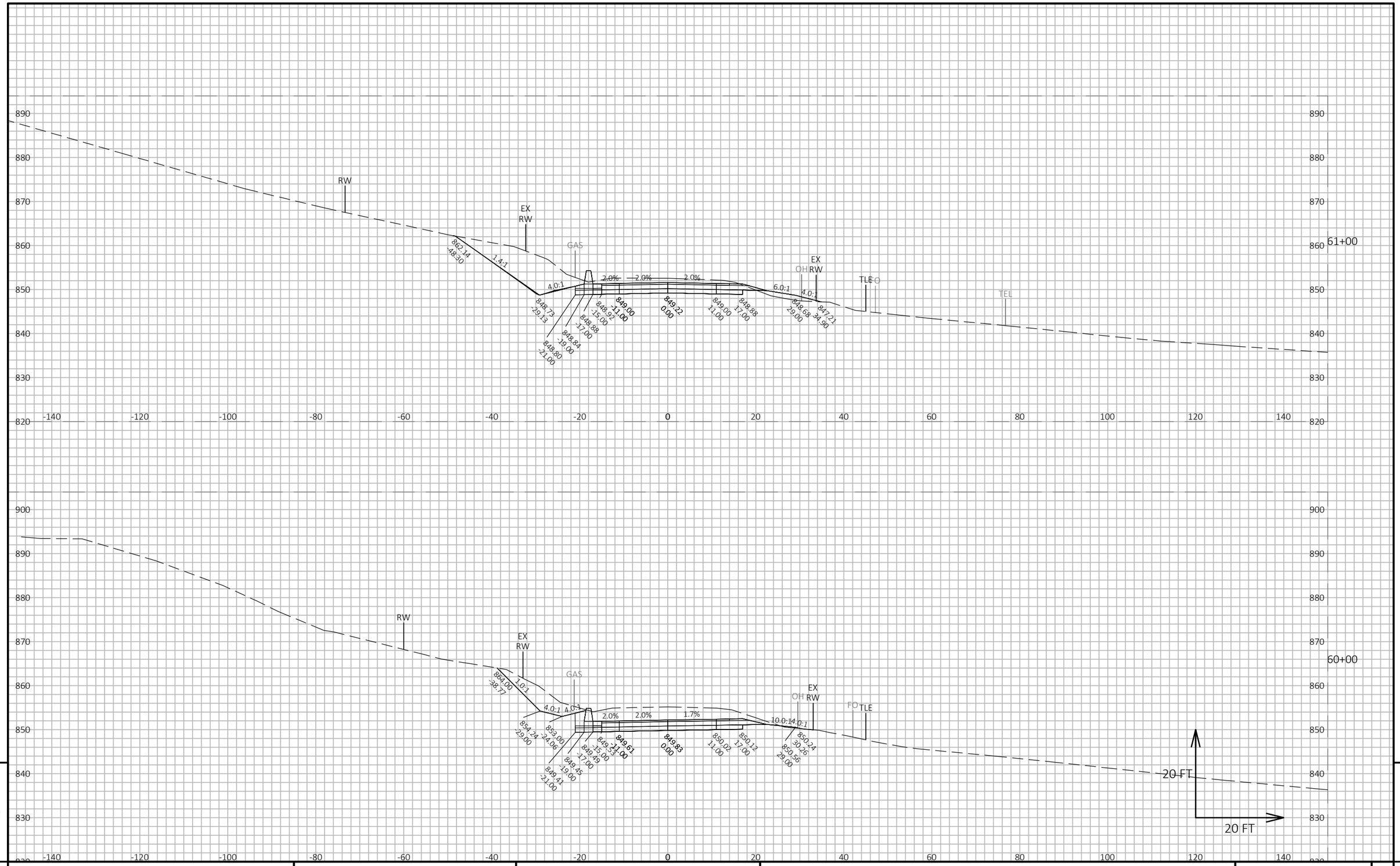


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 486	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_21

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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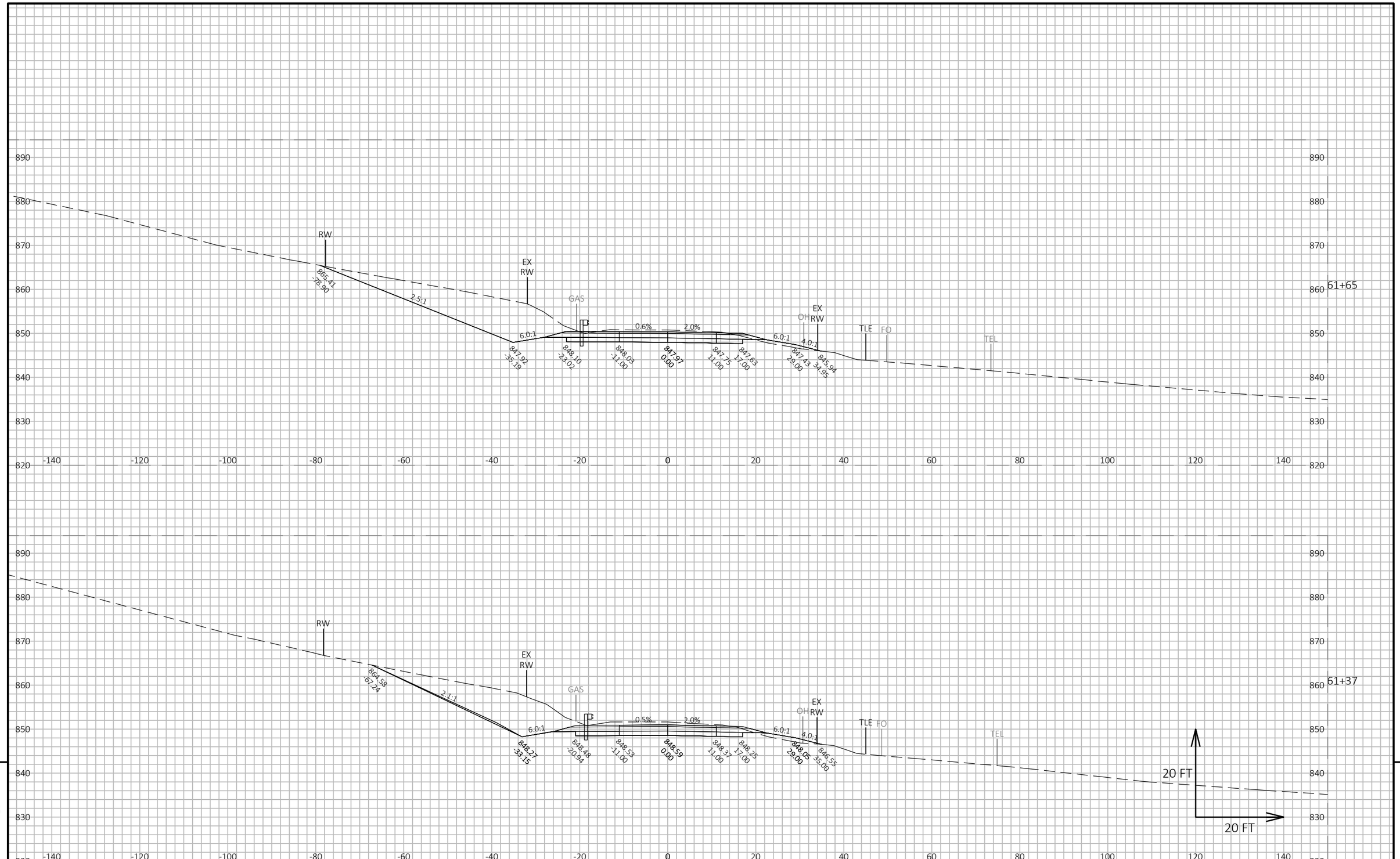
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 487	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_22

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

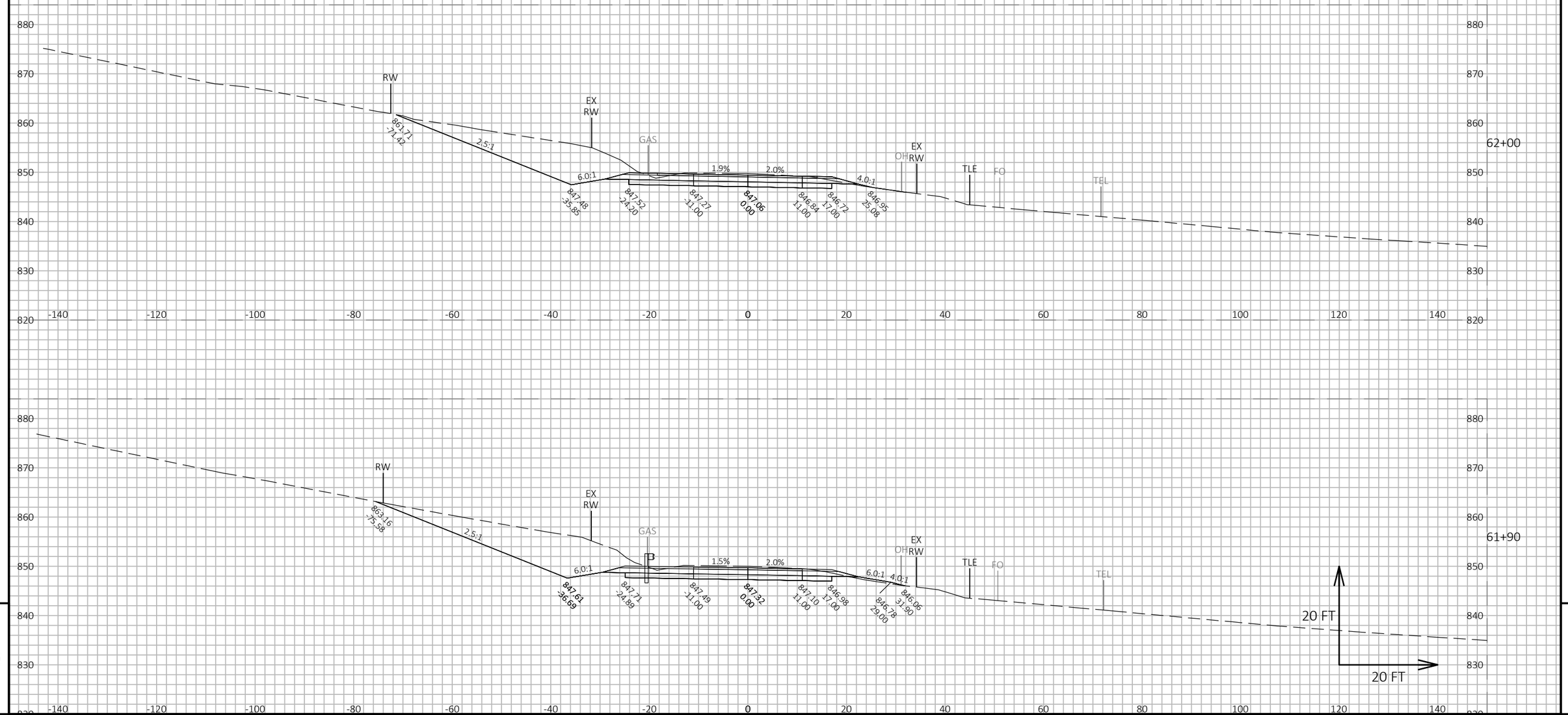


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 488	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_23

PLOT DATE : 7/21/2022 4:16 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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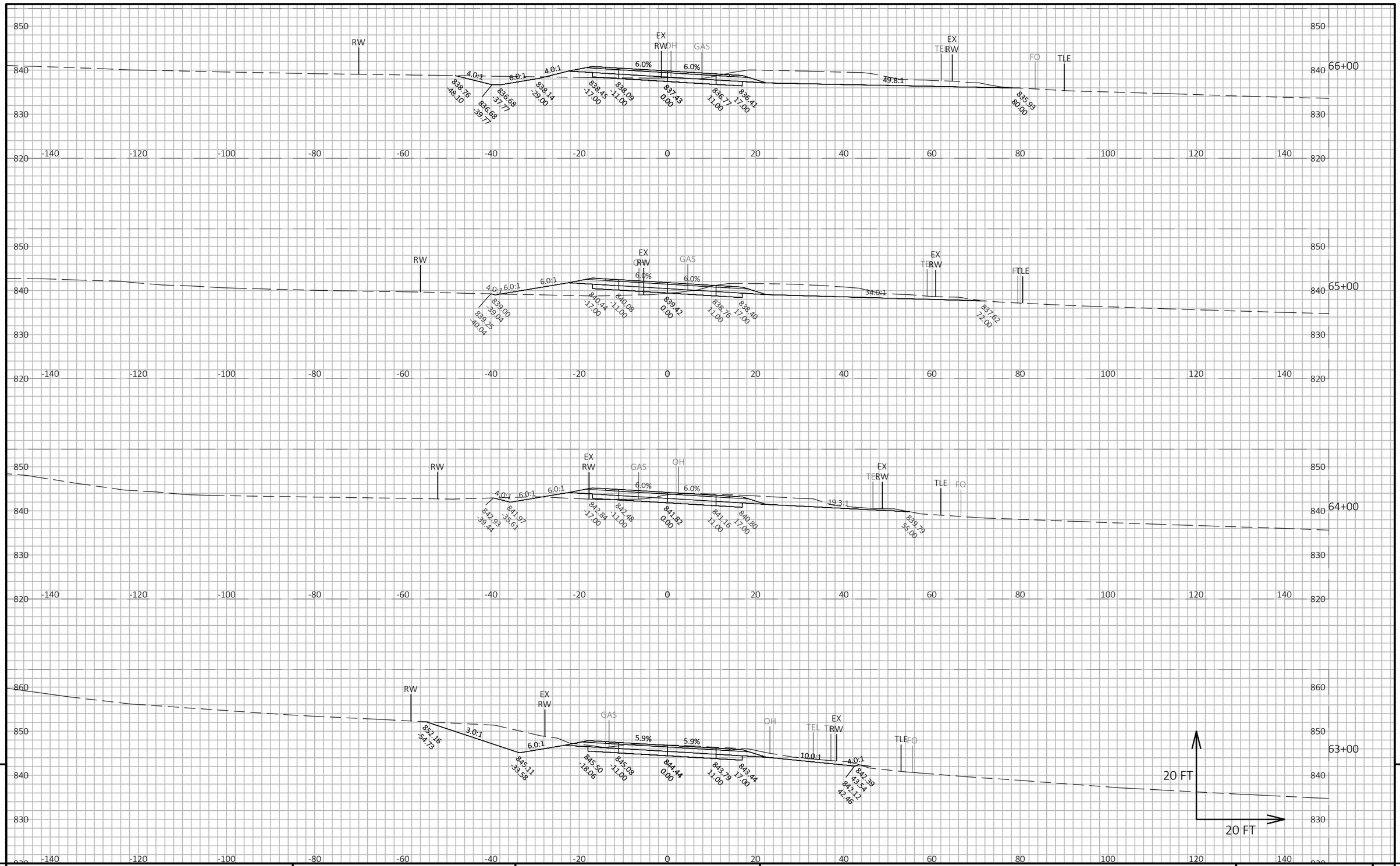
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 489	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_24

PLOT DATE : 7/21/2022 4:17 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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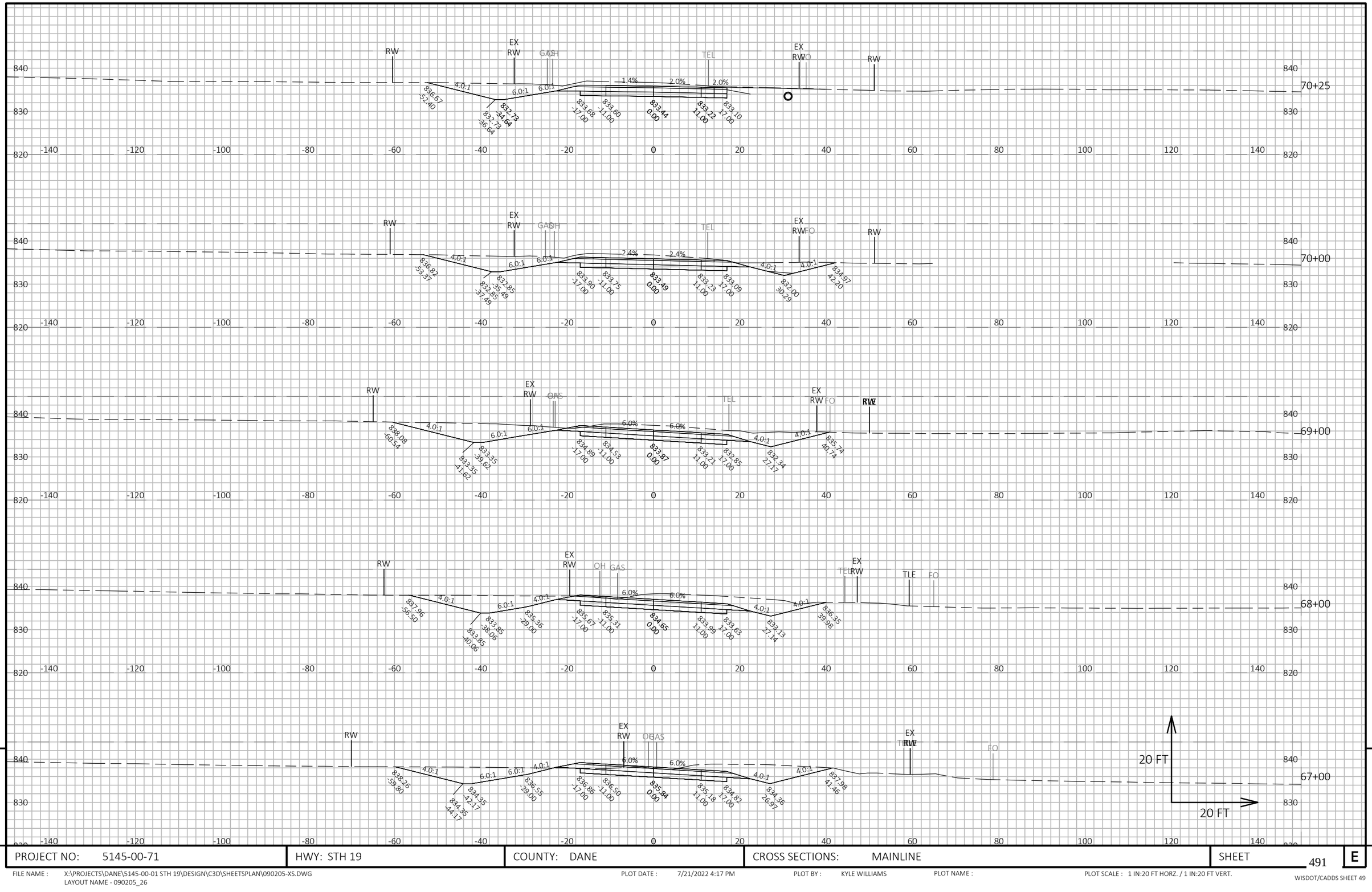
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 490	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_25

PLOT DATE : 7/21/2022 4:17 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 491	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_26

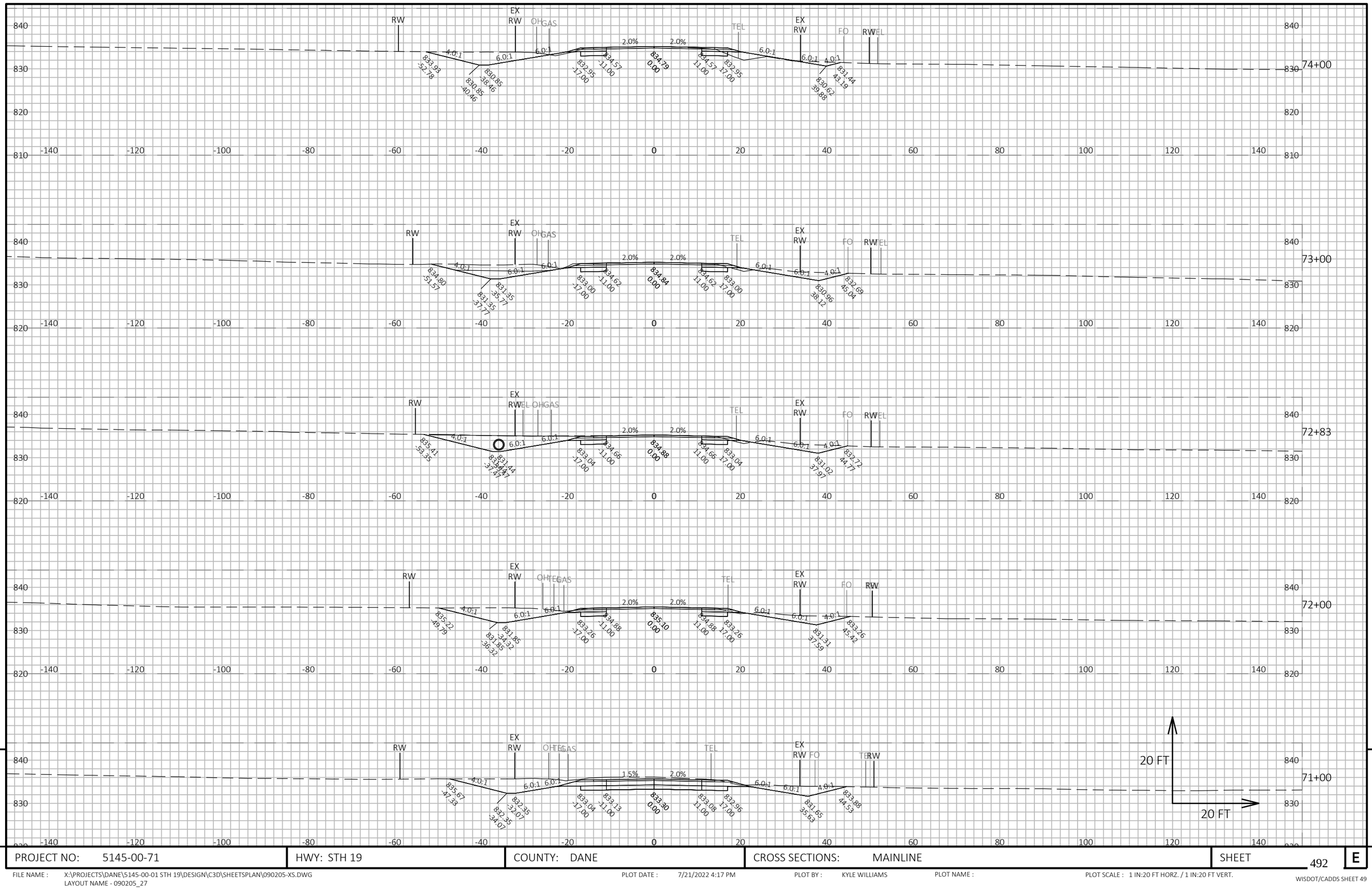
PLOT DATE : 7/21/2022 4:17 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 492	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_27

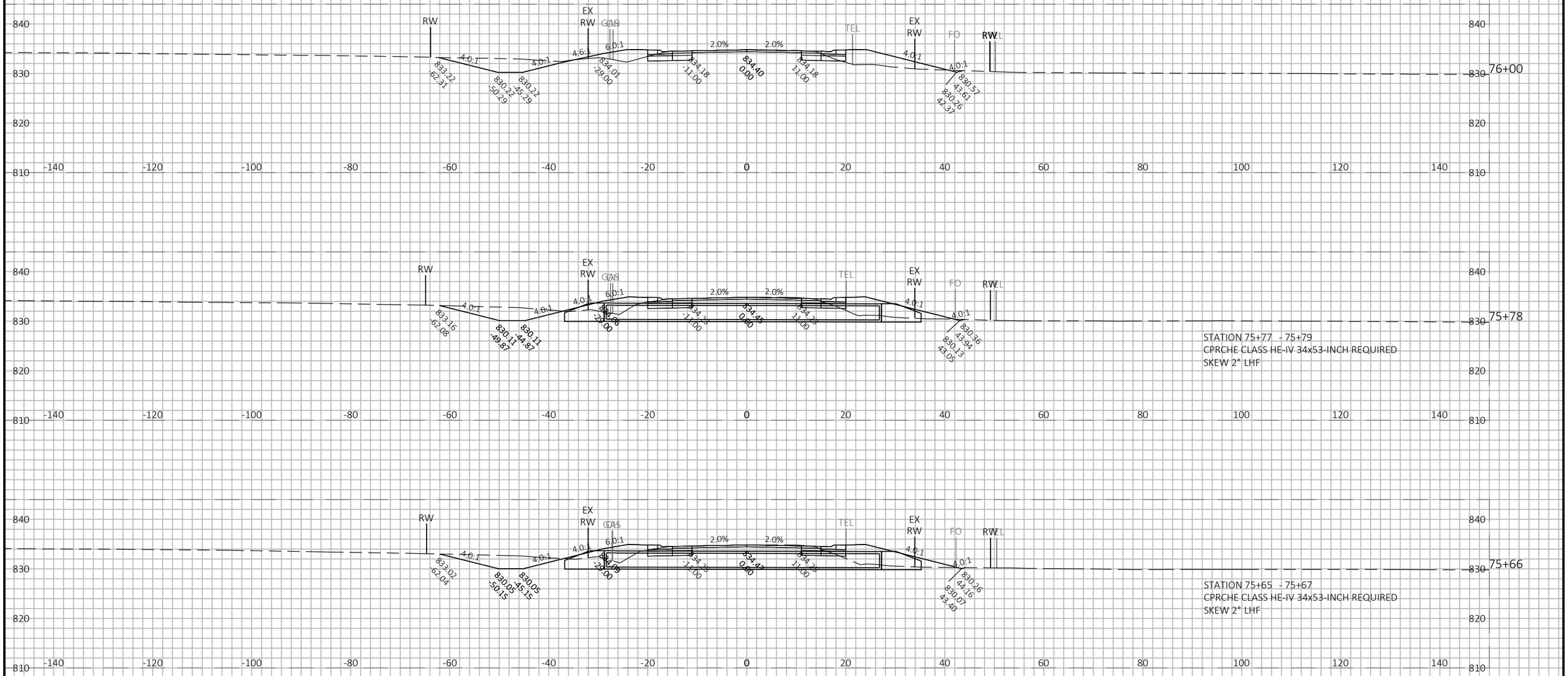
PLOT DATE : 7/21/2022 4:17 PM

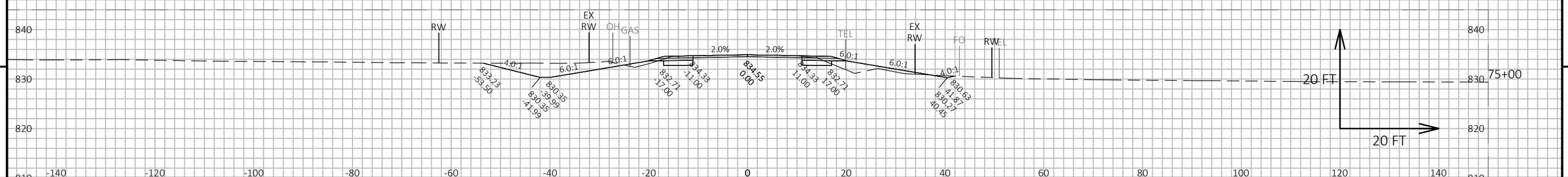
PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49





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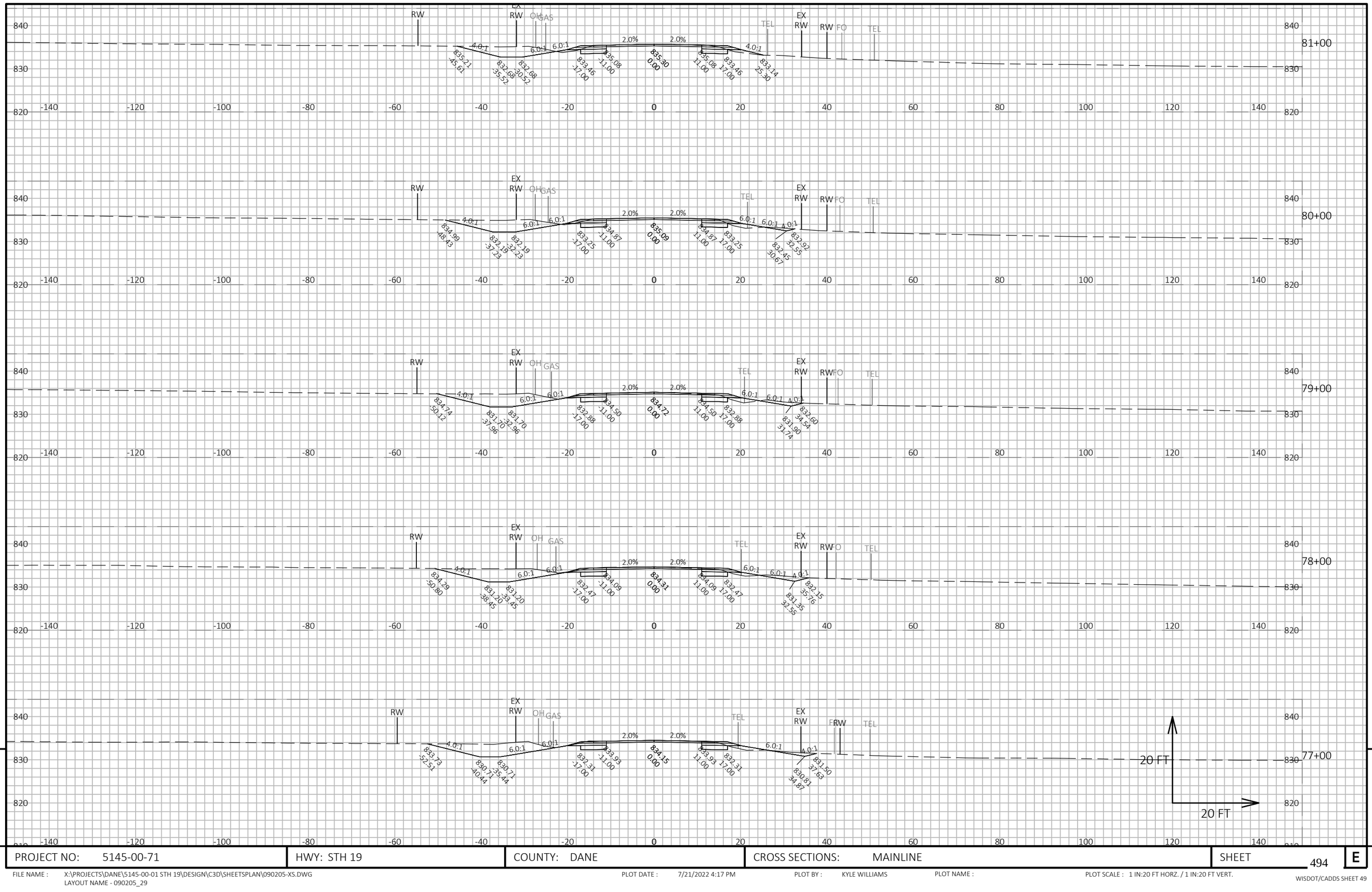
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 493	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_28
PLOT DATE : 7/21/2022 4:17 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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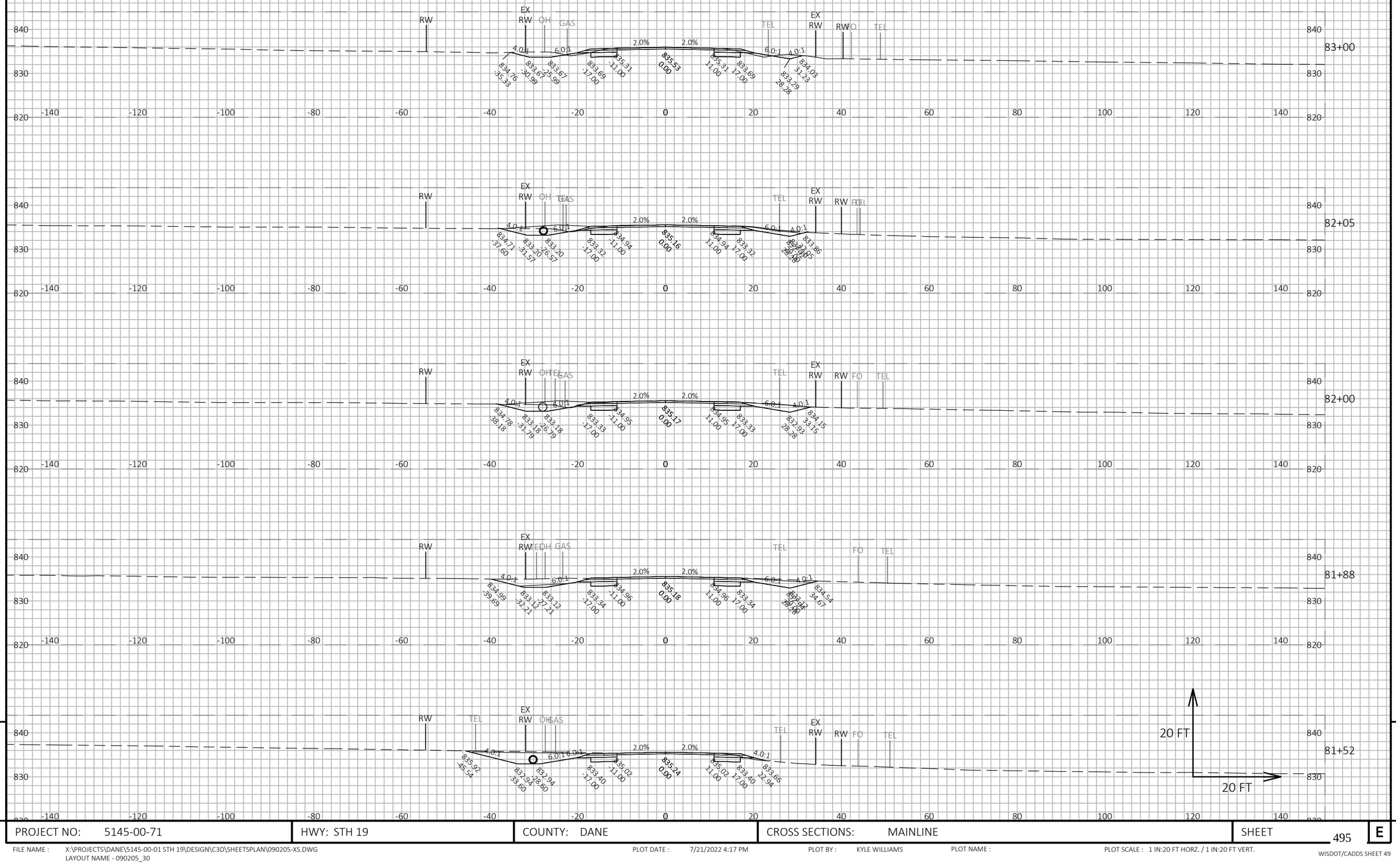
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 494	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_29

PLOT DATE : 7/21/2022 4:17 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 495	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_30

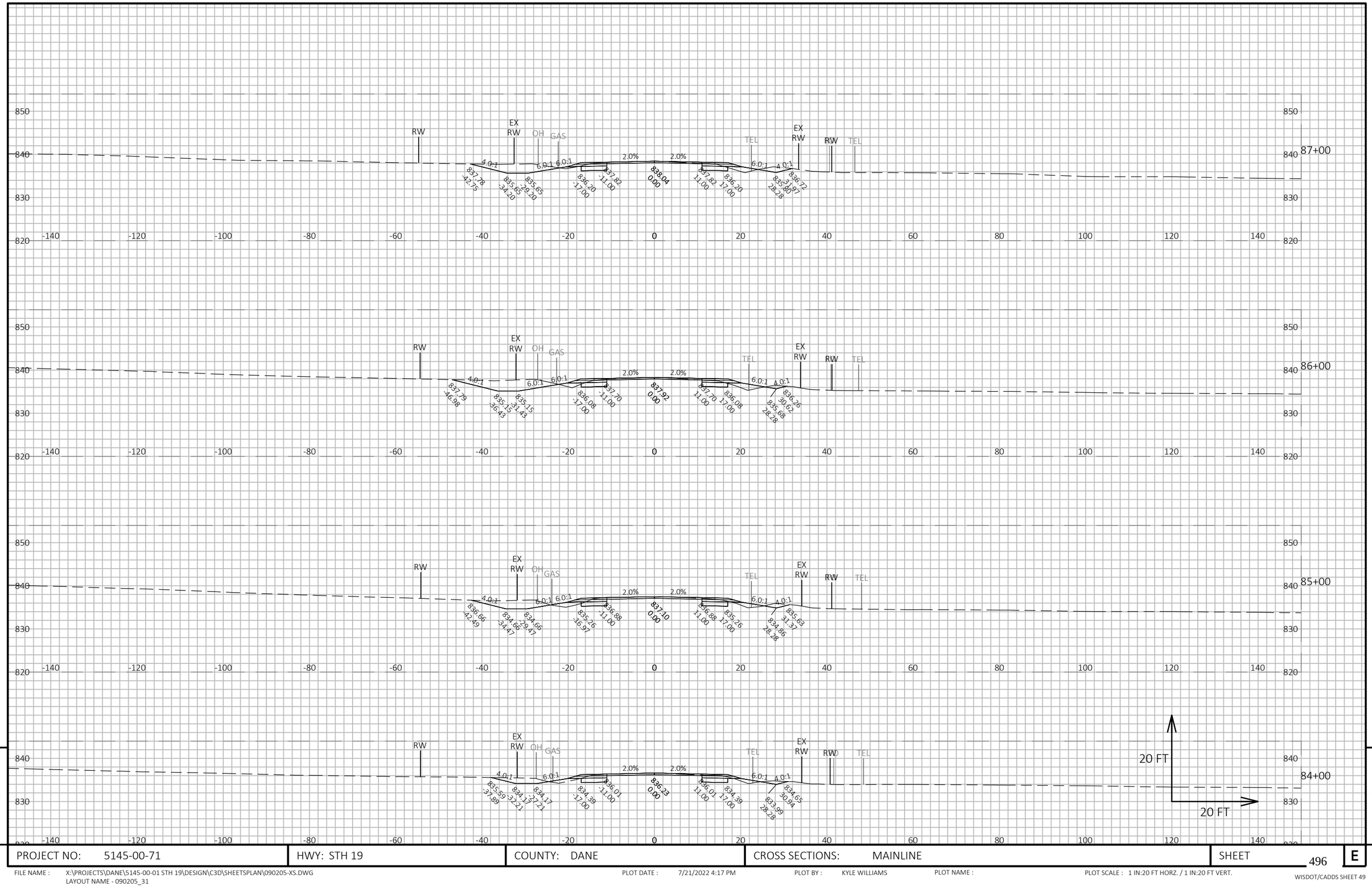
PLOT DATE : 7/21/2022 4:17 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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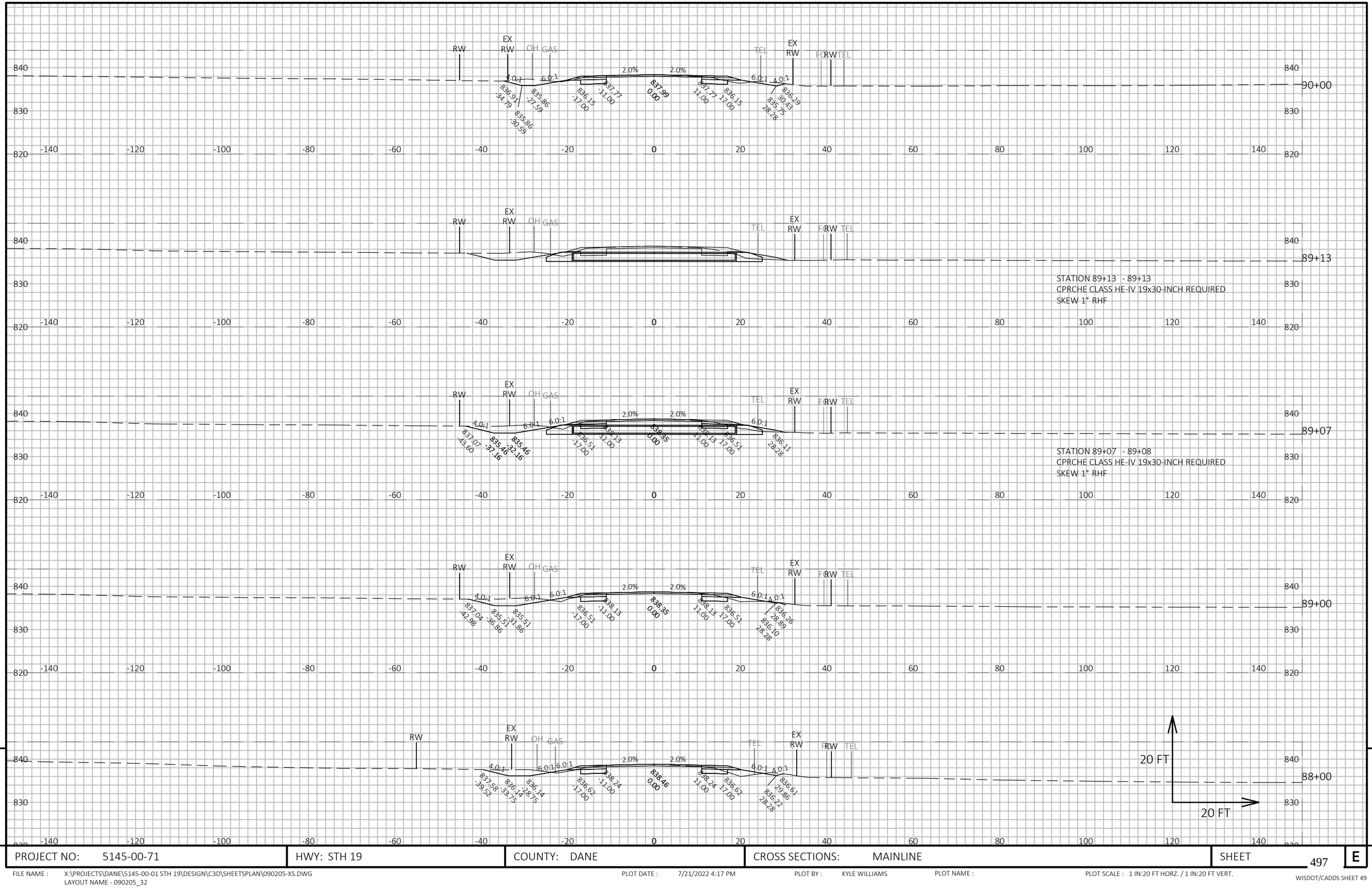
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 496	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_31

PLOT DATE : 7/21/2022 4:17 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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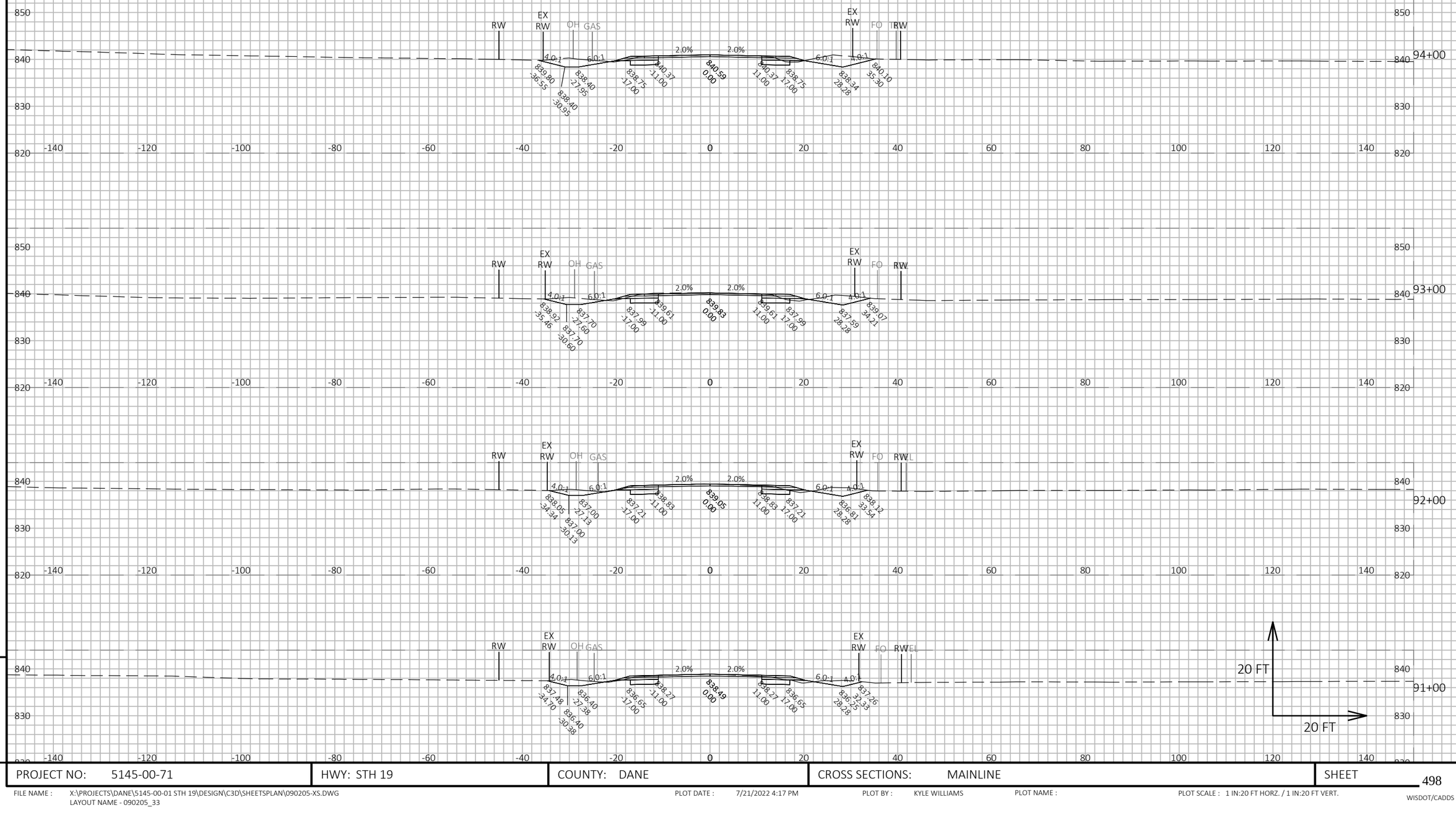
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 497	E



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 498	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_33

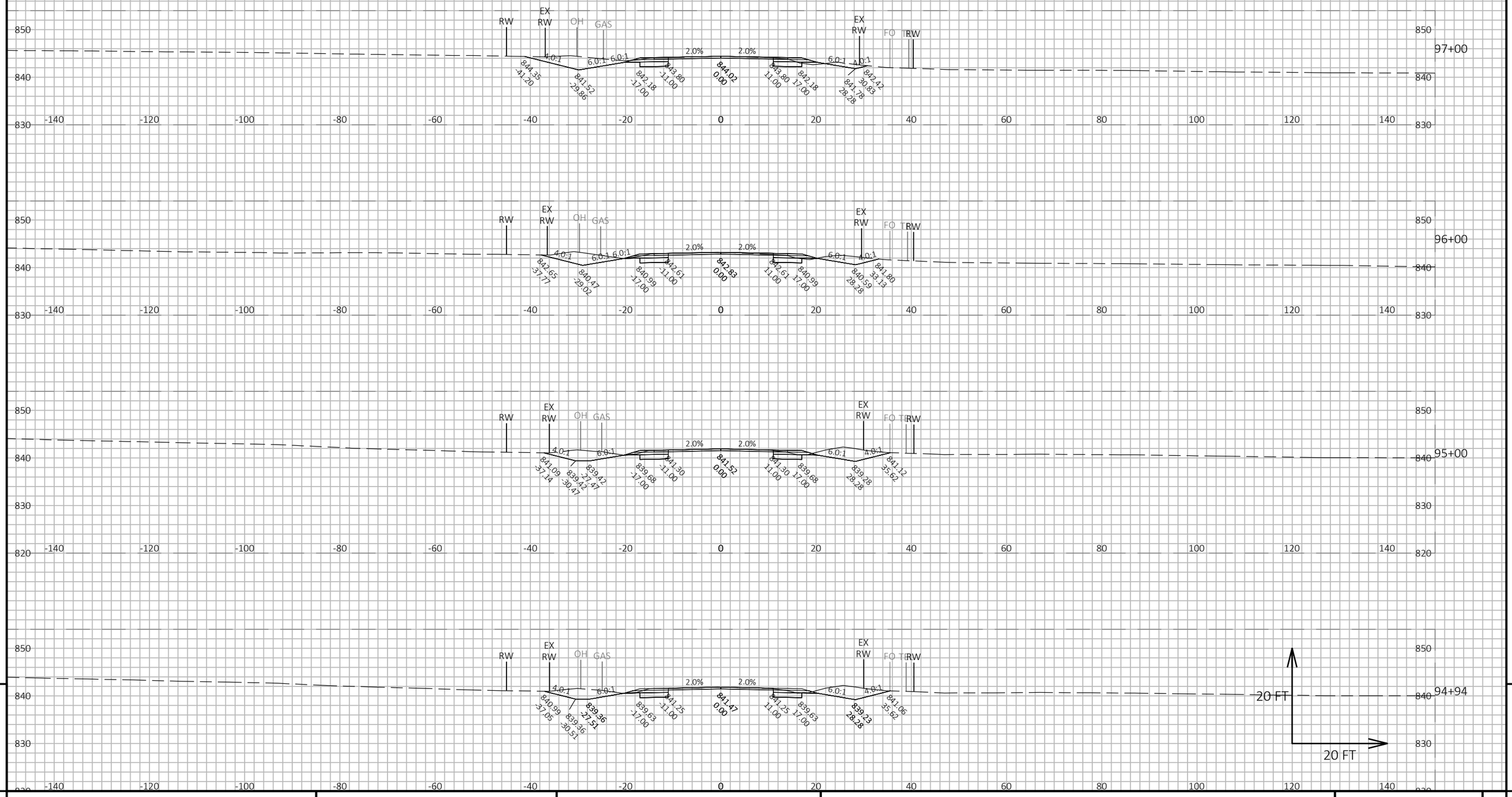
PLOT DATE : 7/21/2022 4:17 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

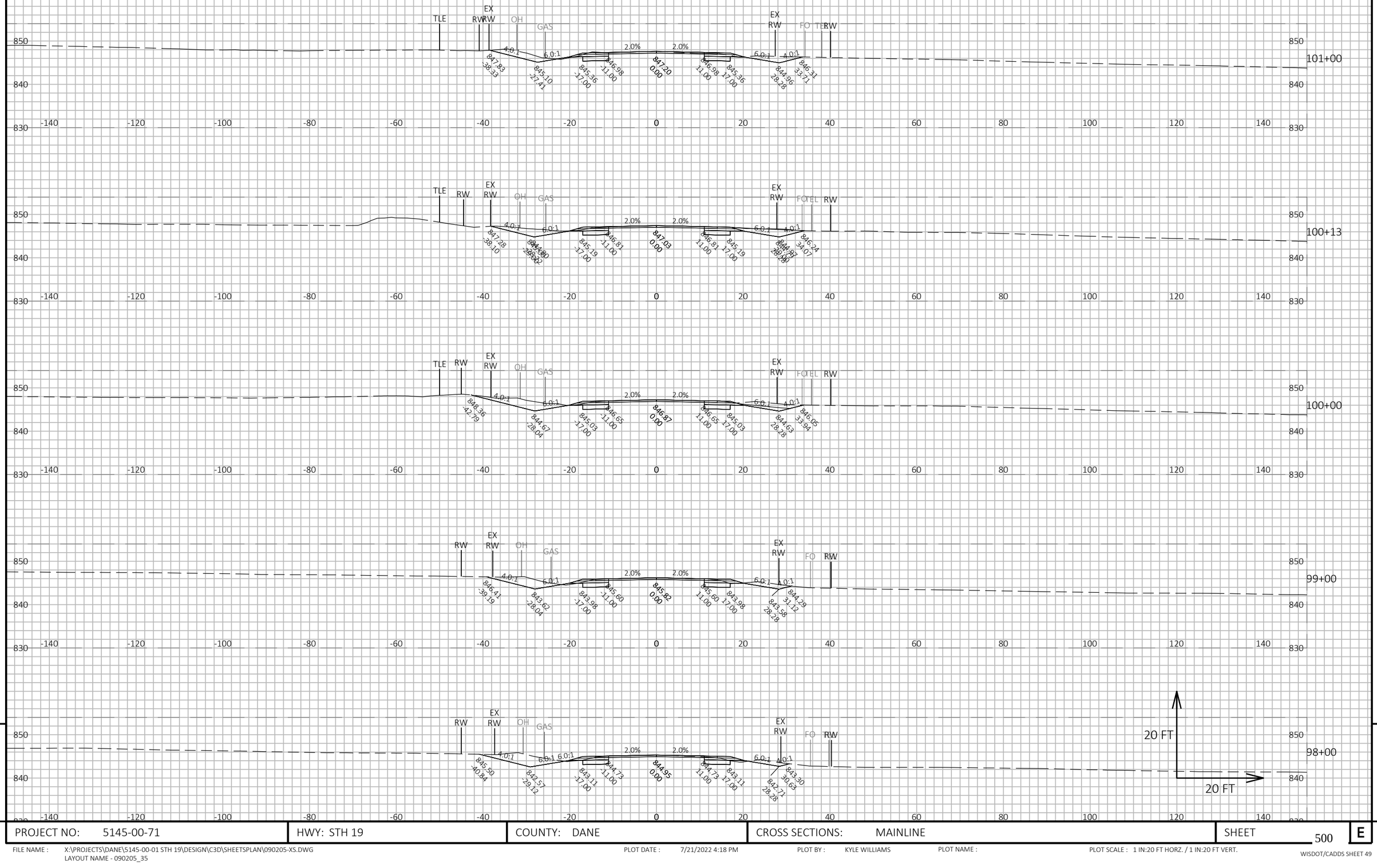


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 499	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_34

PLOT DATE : 7/21/2022 4:18 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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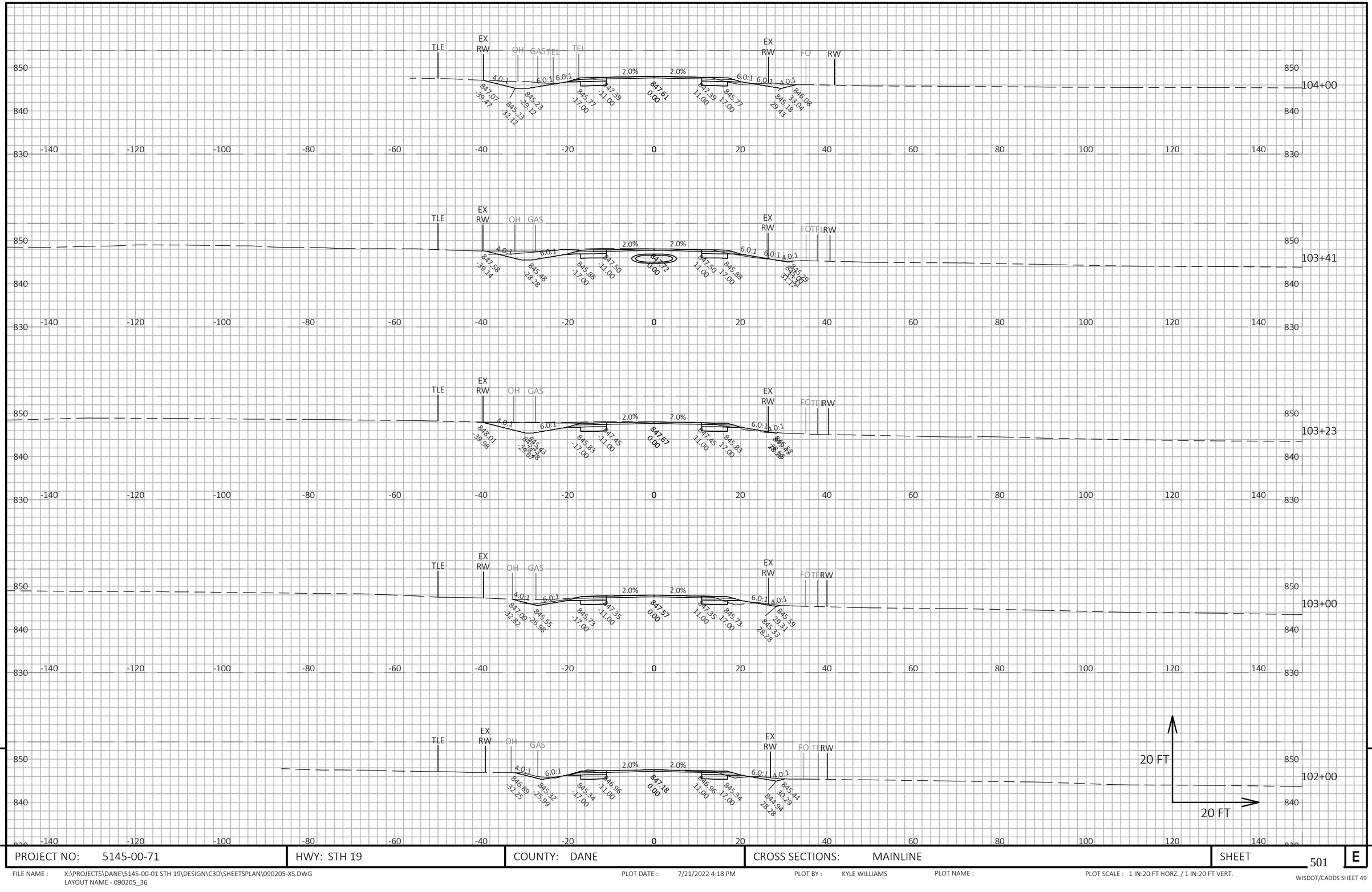
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 500	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_35

PLOT DATE : 7/21/2022 4:18 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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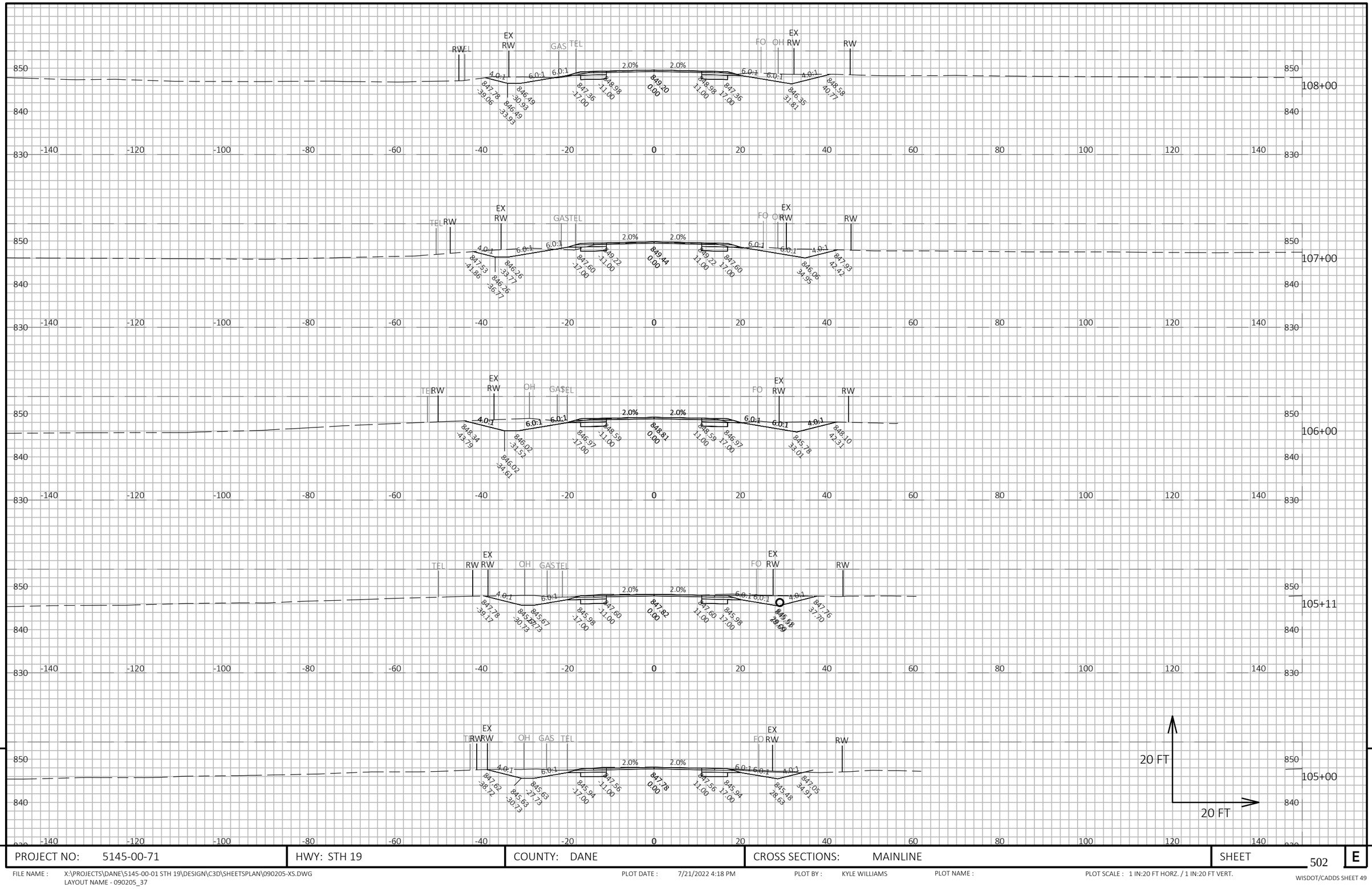
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 501	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_36

PLOT DATE : 7/21/2022 4:18 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 502	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_37

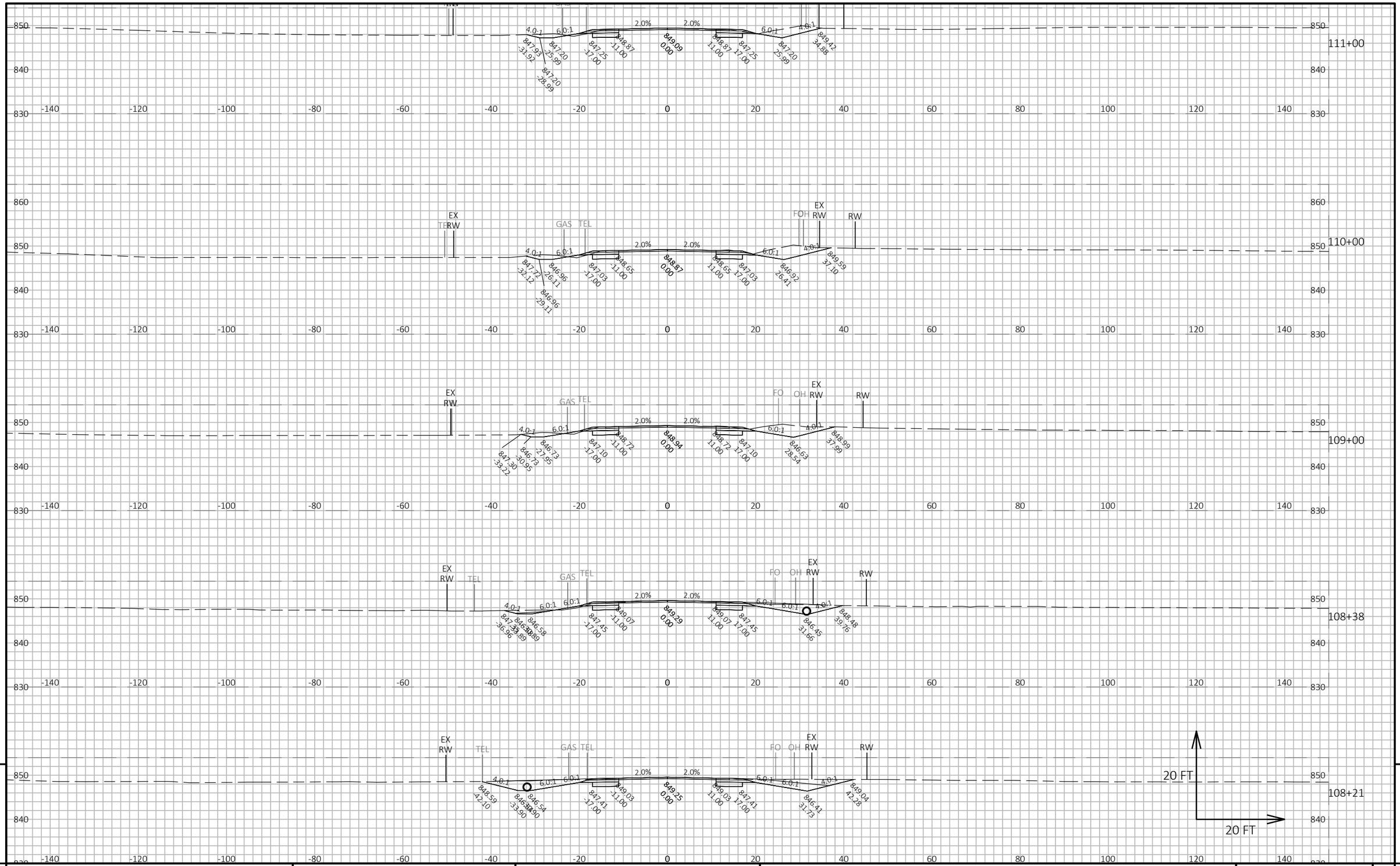
PLOT DATE : 7/21/2022 4:18 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 503	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_38

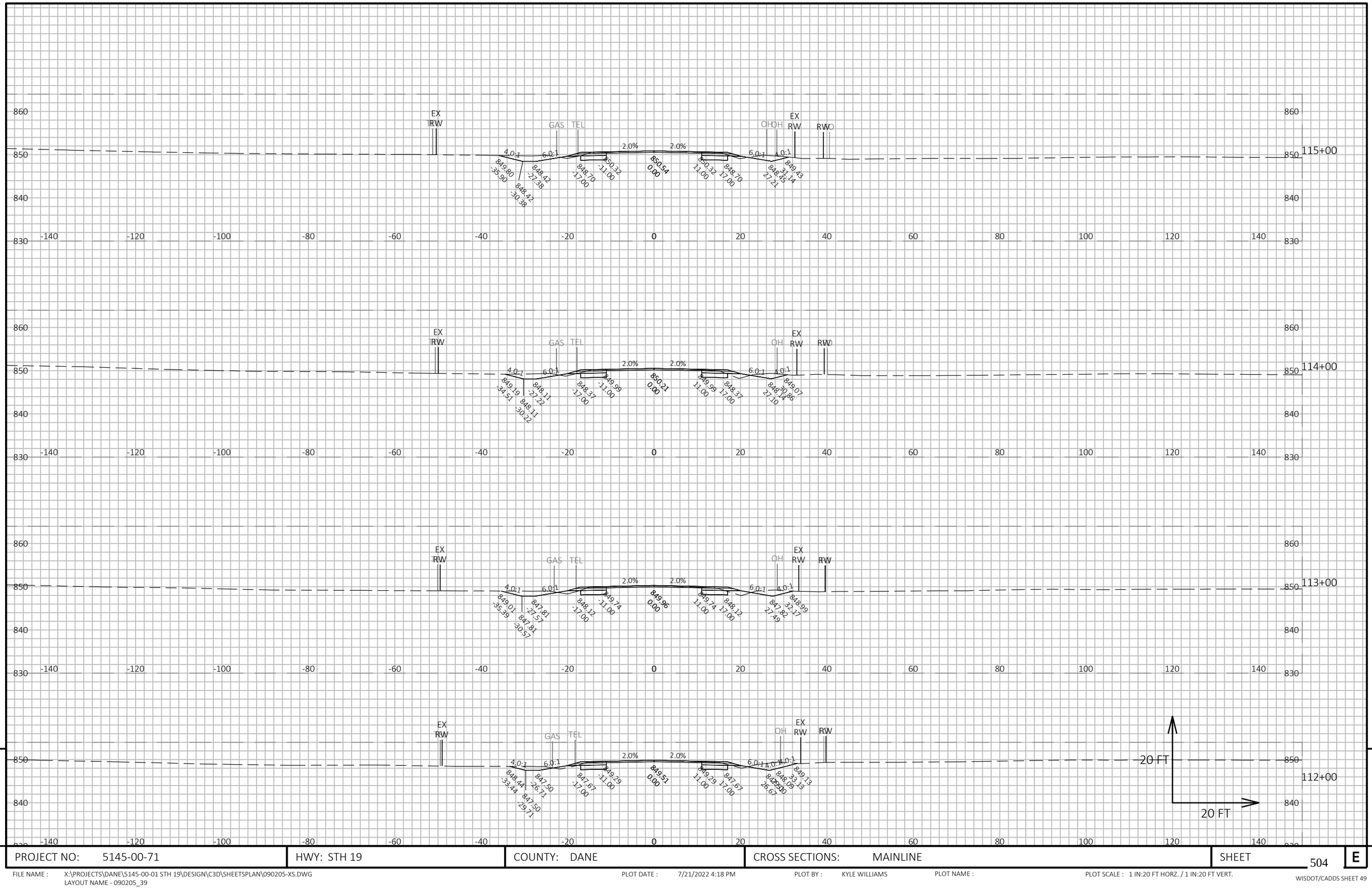
PLOT DATE : 7/21/2022 4:18 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

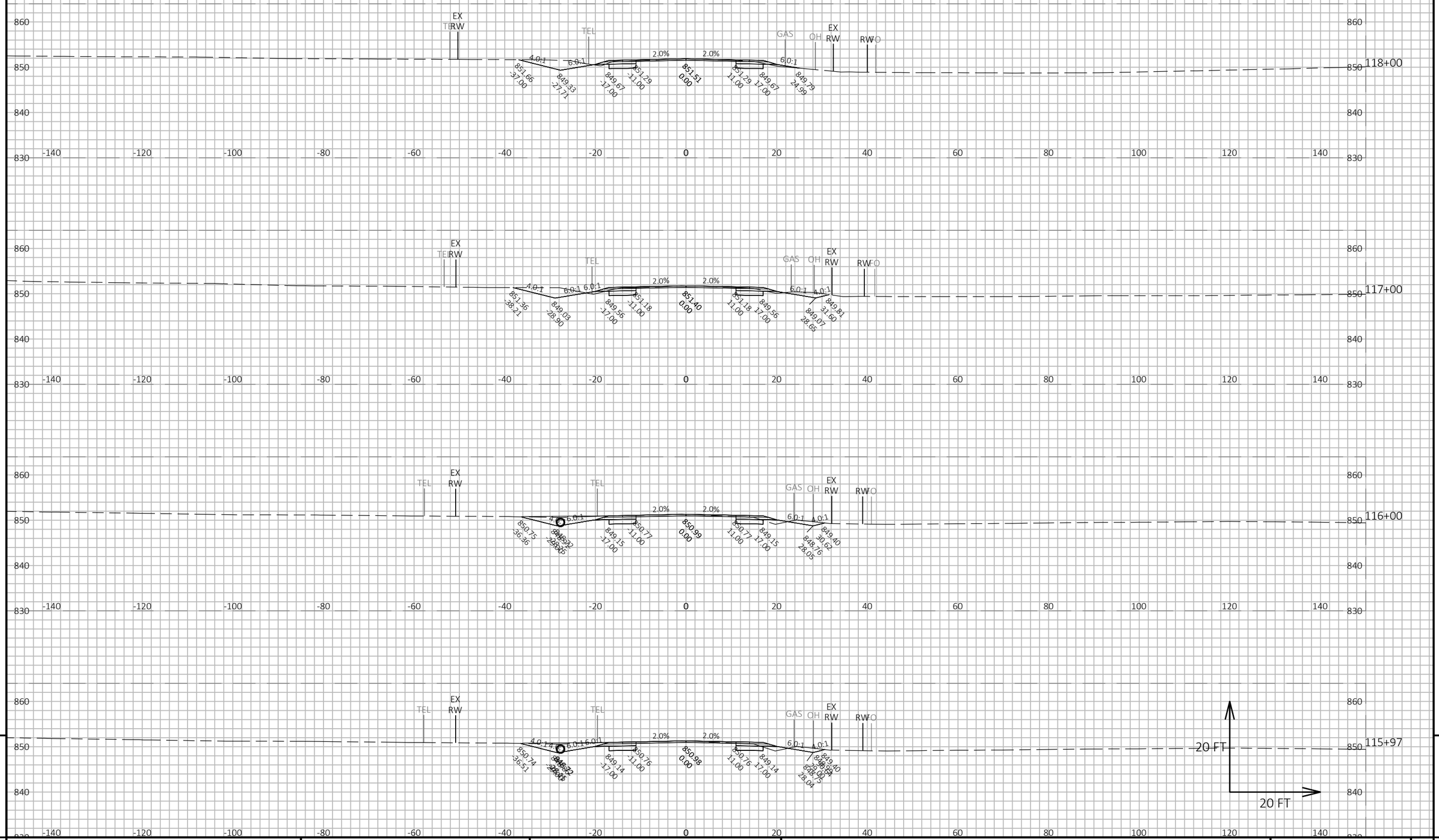


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 504	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_39

PLOT DATE : 7/21/2022 4:18 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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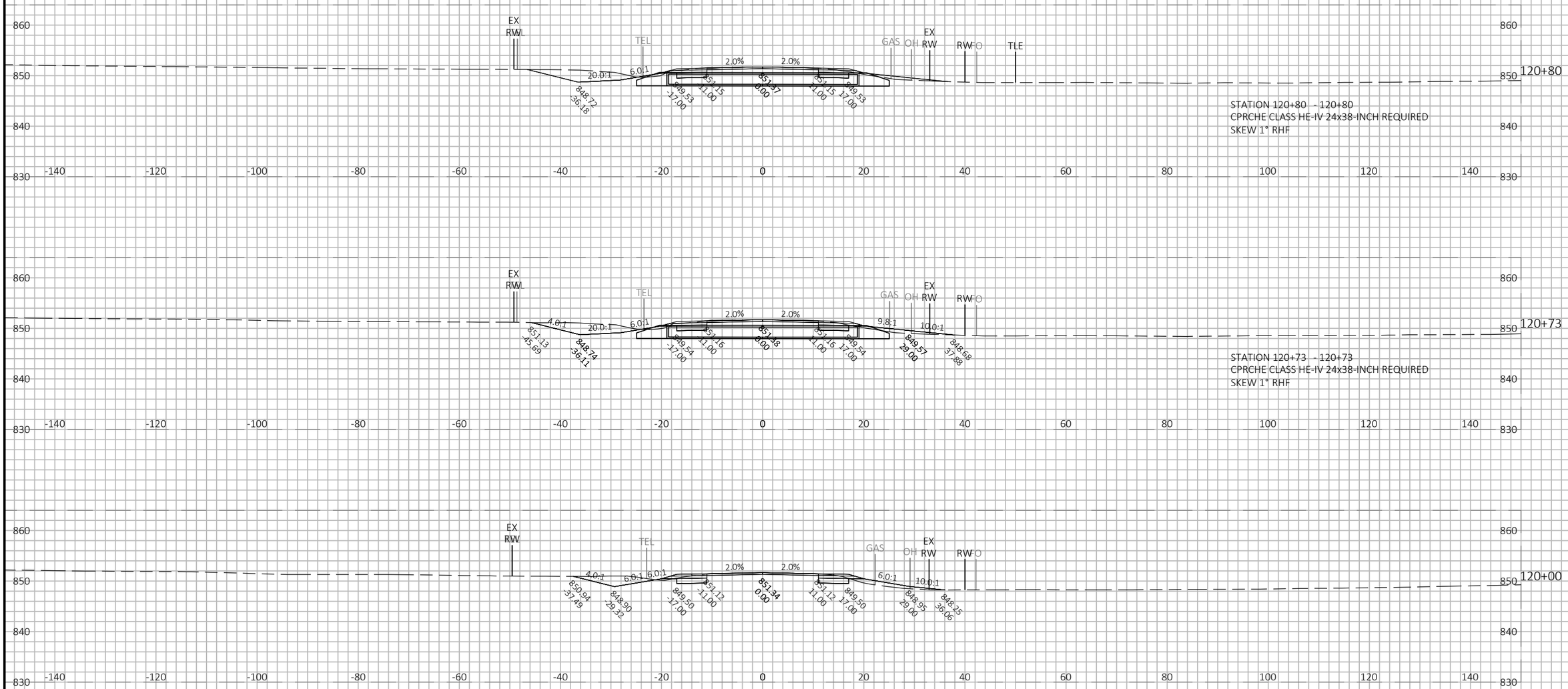
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 505	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_40

PLOT DATE : 7/21/2022 4:18 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 506	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_41

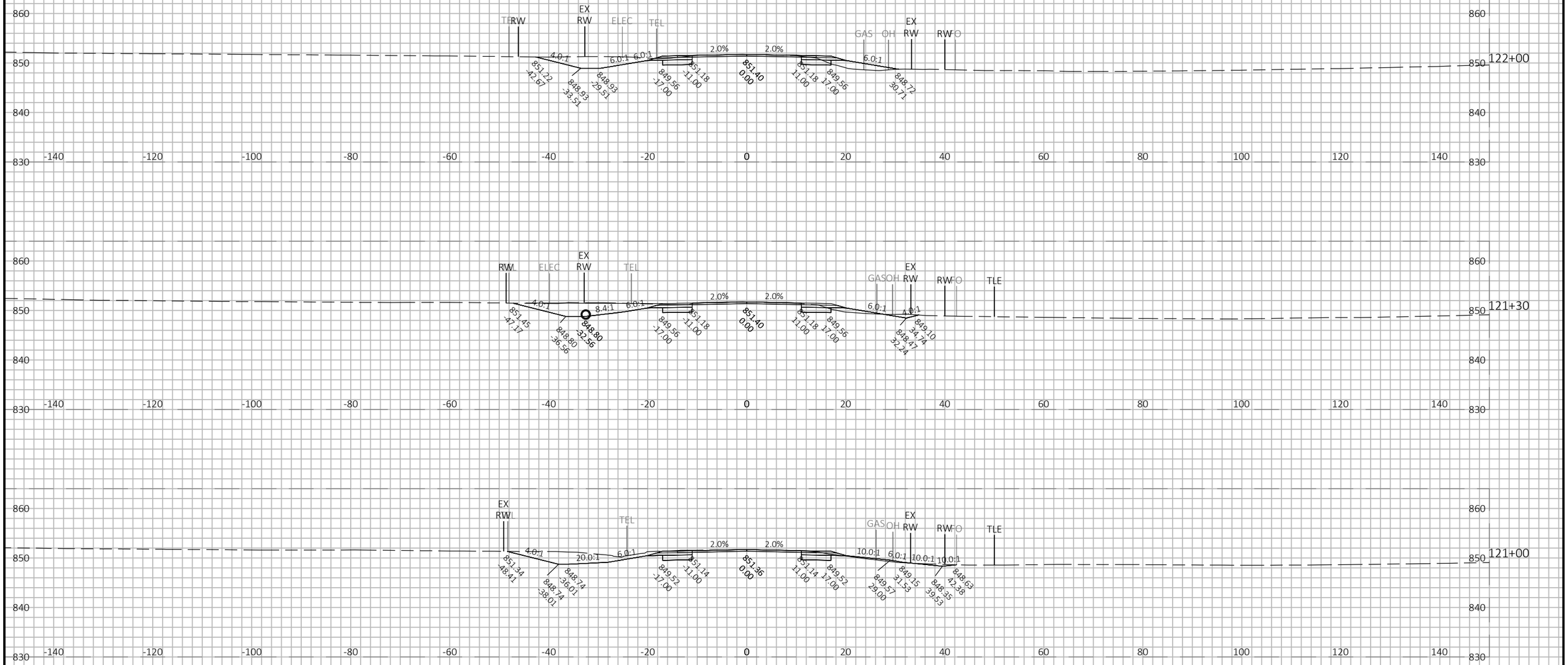
PLOT DATE : 7/21/2022 4:18 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

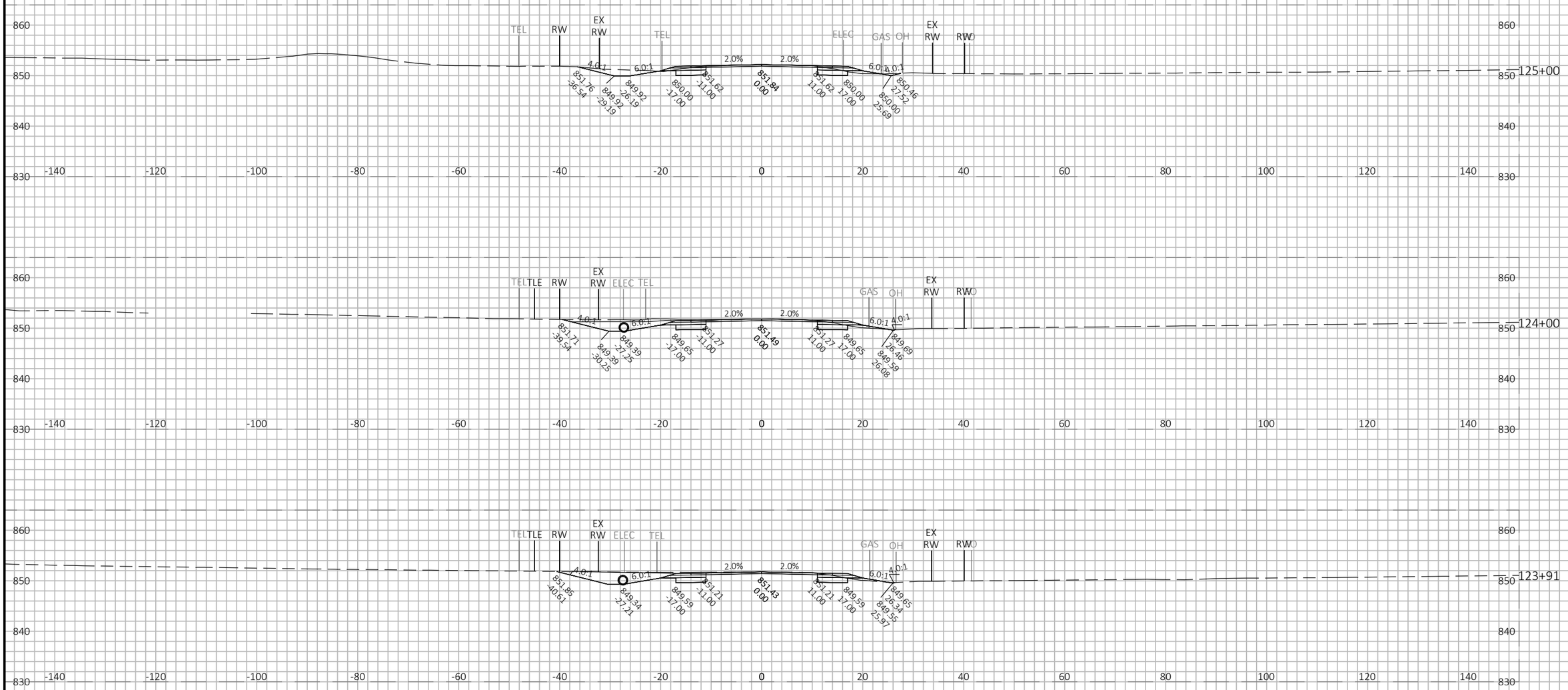
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 507	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_42
PLOT DATE : 7/21/2022 4:18 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 508	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_43

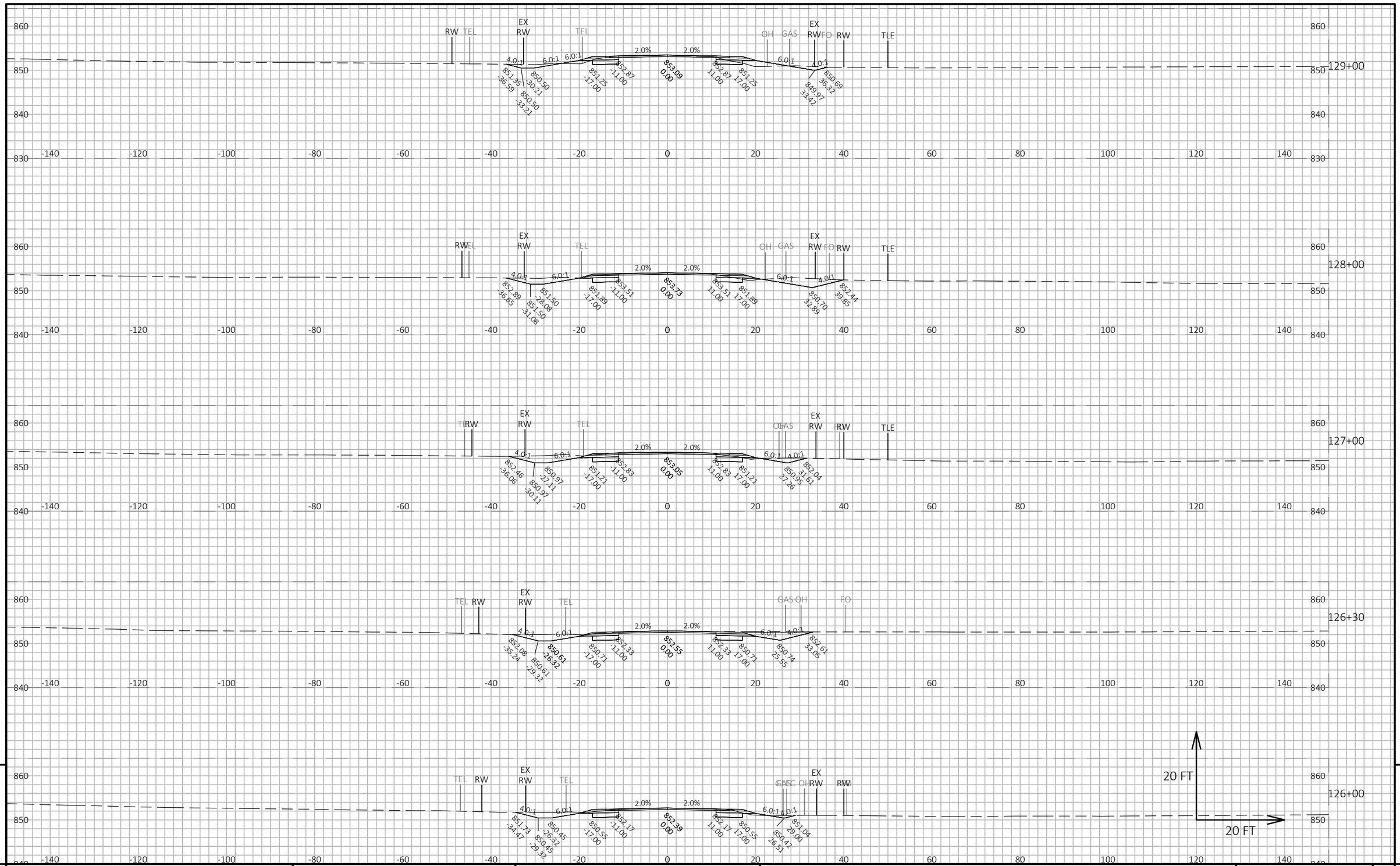
PLOT DATE : 7/21/2022 4:18 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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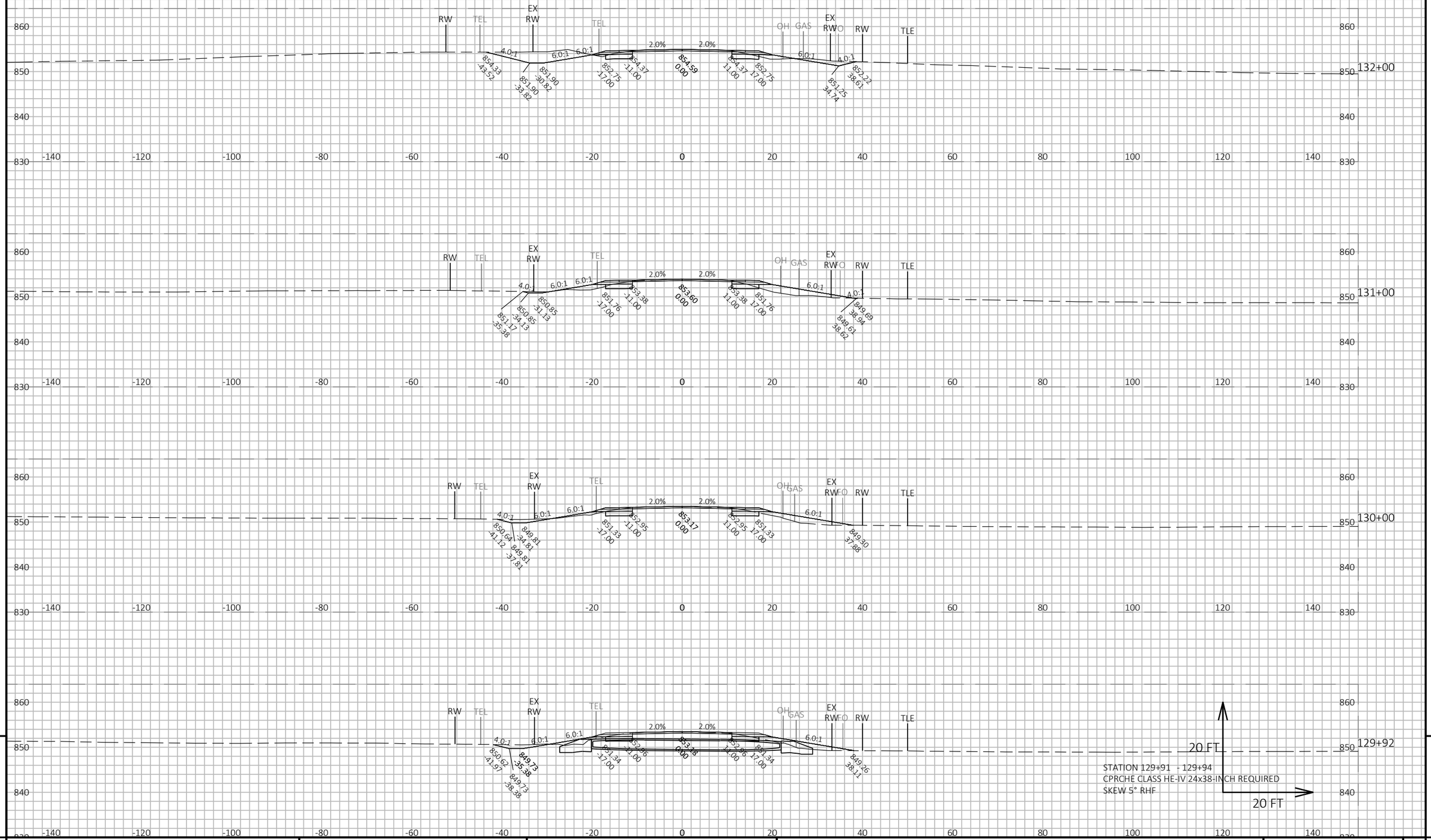
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 509	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_44

PLOT DATE : 7/21/2022 4:19 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 510	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_45

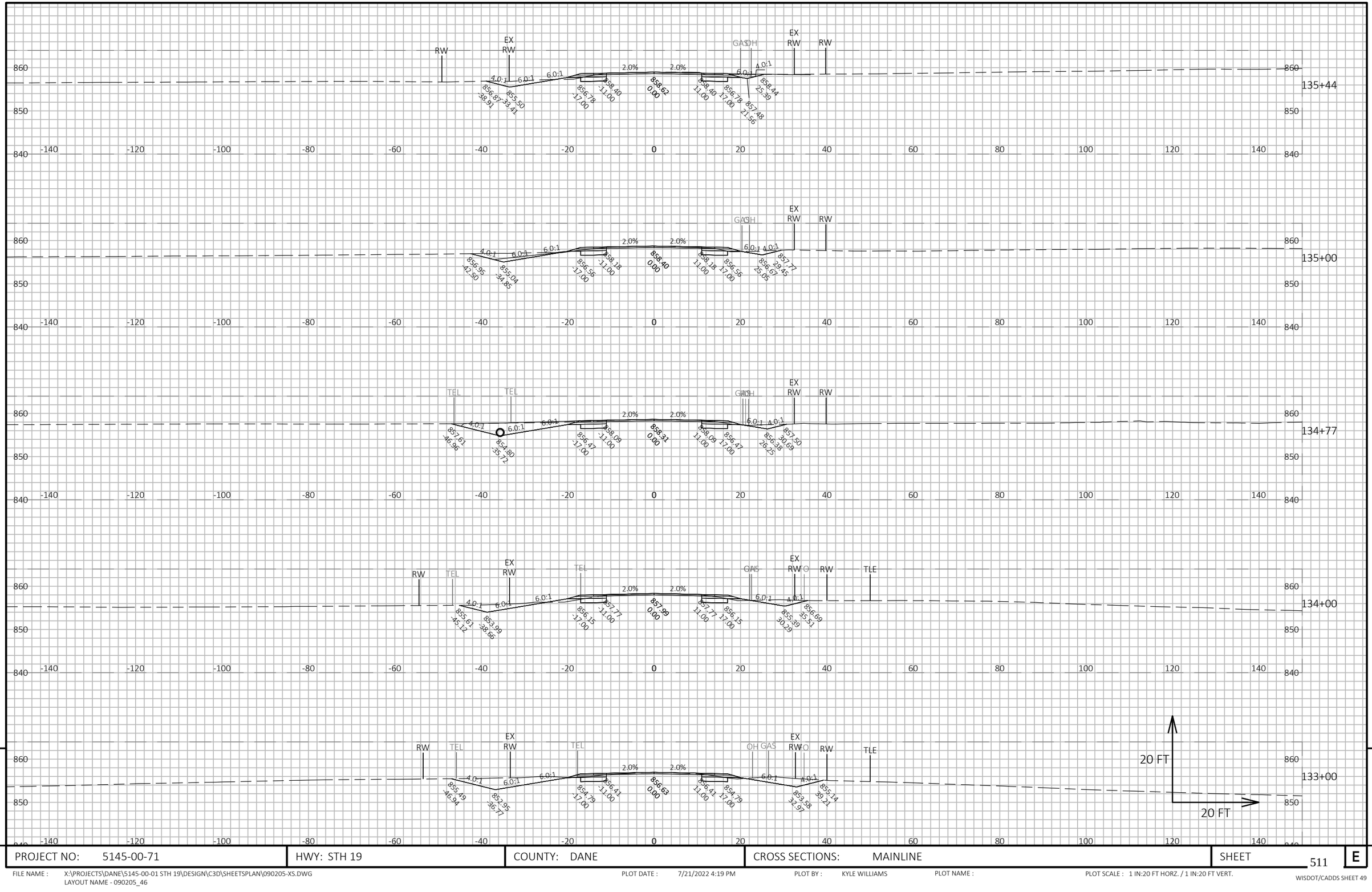
PLOT DATE : 7/21/2022 4:19 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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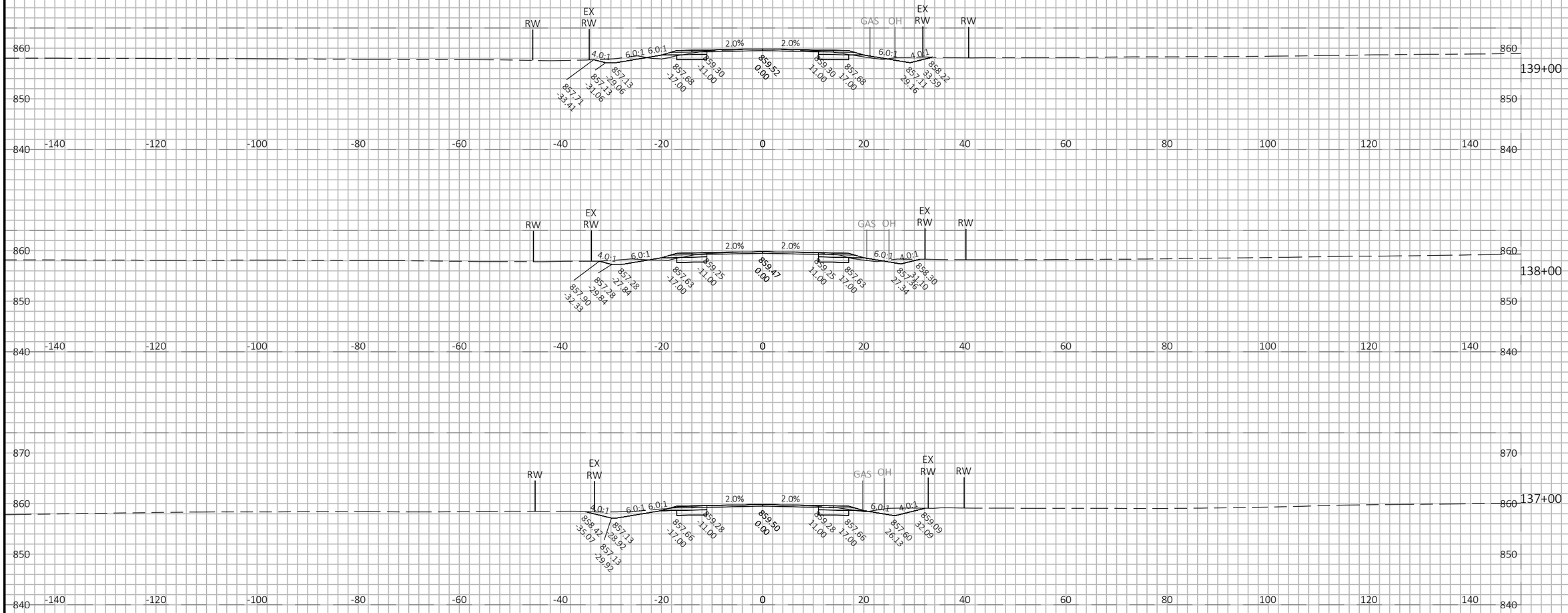
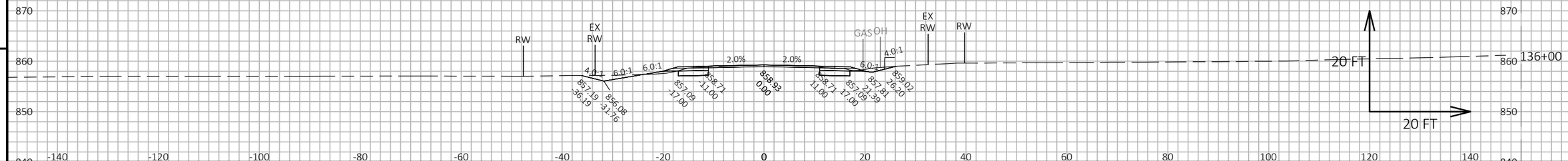
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 511	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_46

PLOT DATE : 7/21/2022 4:19 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49





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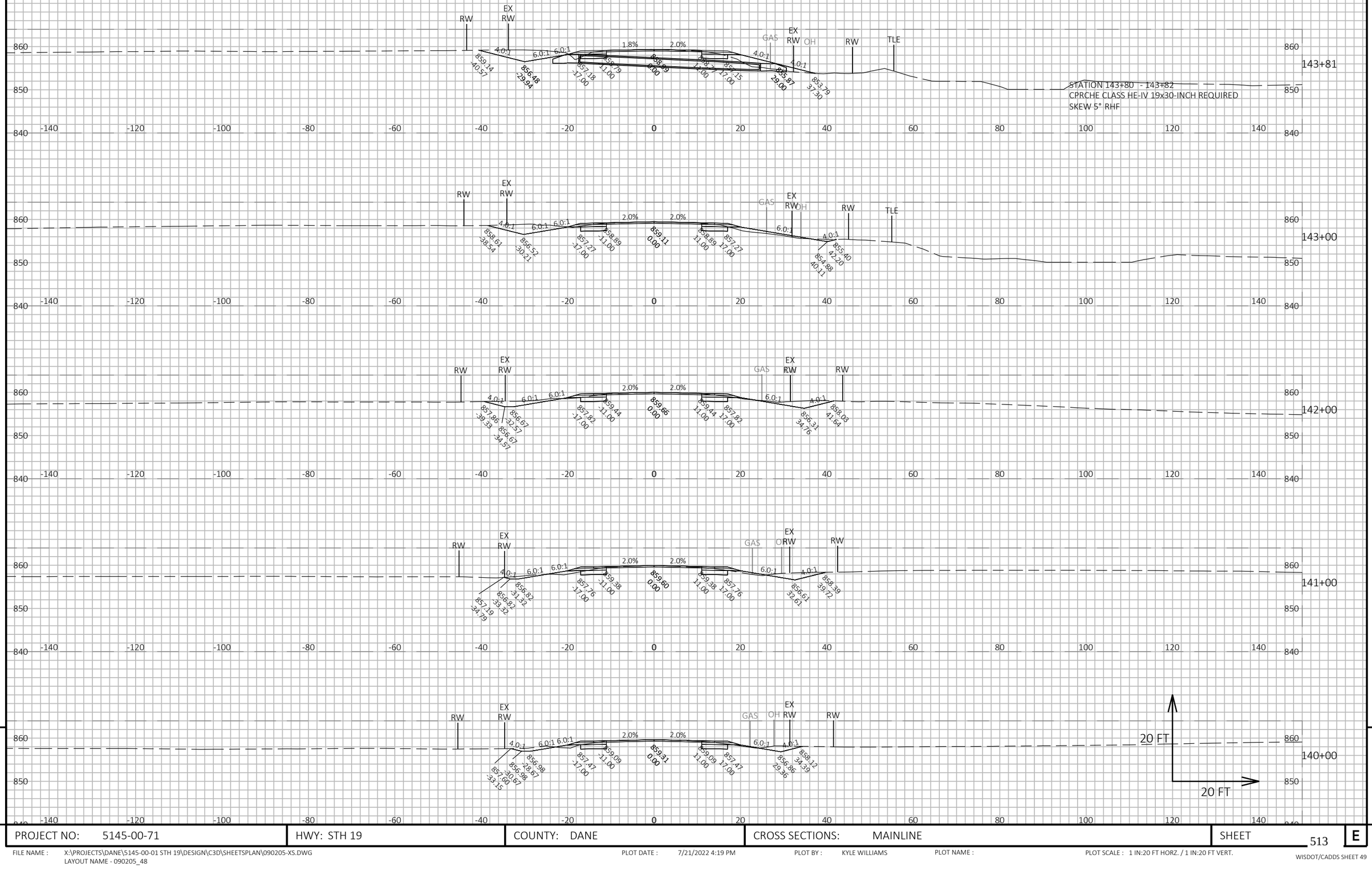
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 512	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_47

PLOT DATE : 7/21/2022 4:19 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 513	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_48

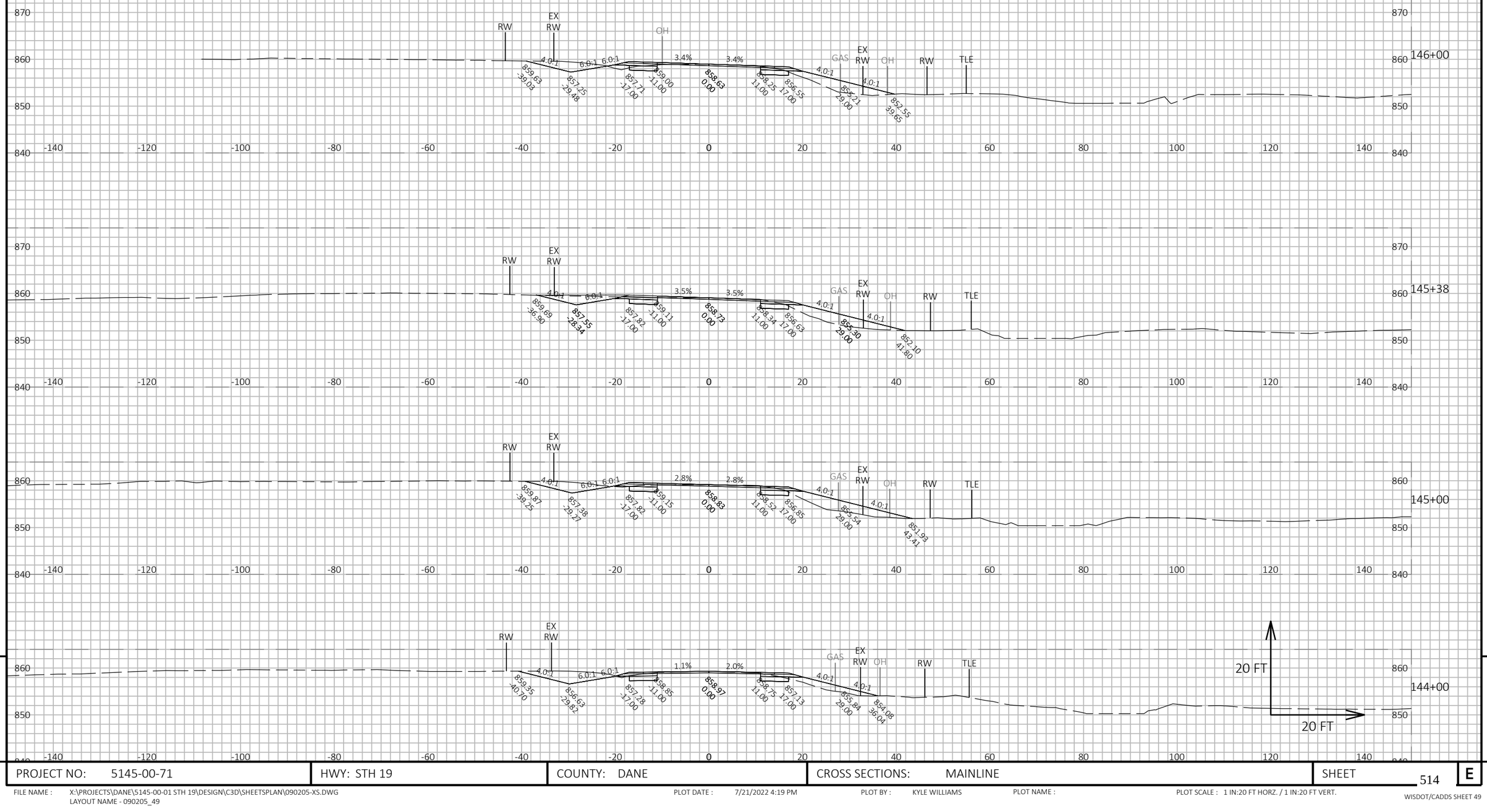
PLOT DATE : 7/21/2022 4:19 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 514	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_49

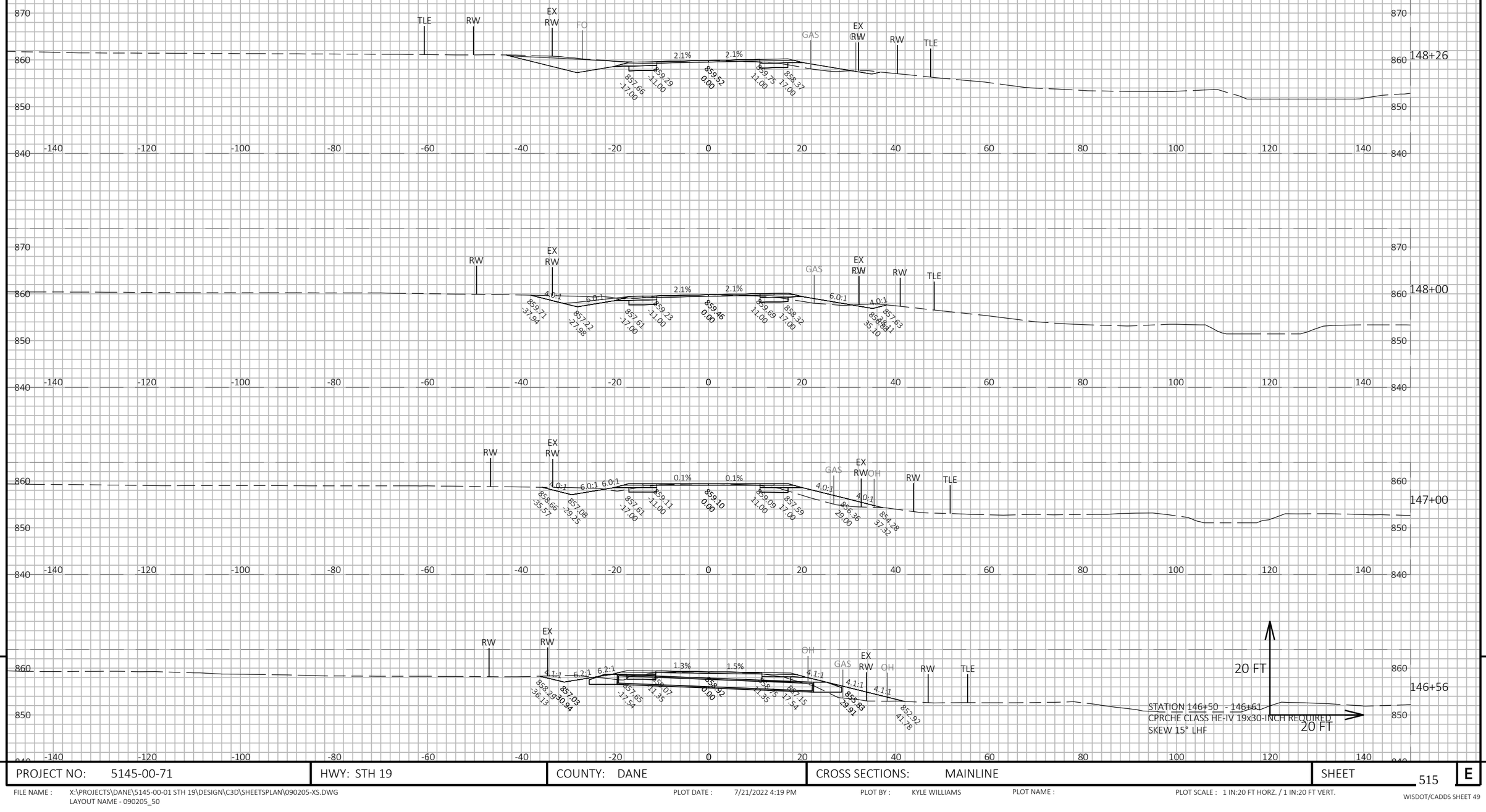
PLOT DATE : 7/21/2022 4:19 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 515	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_50

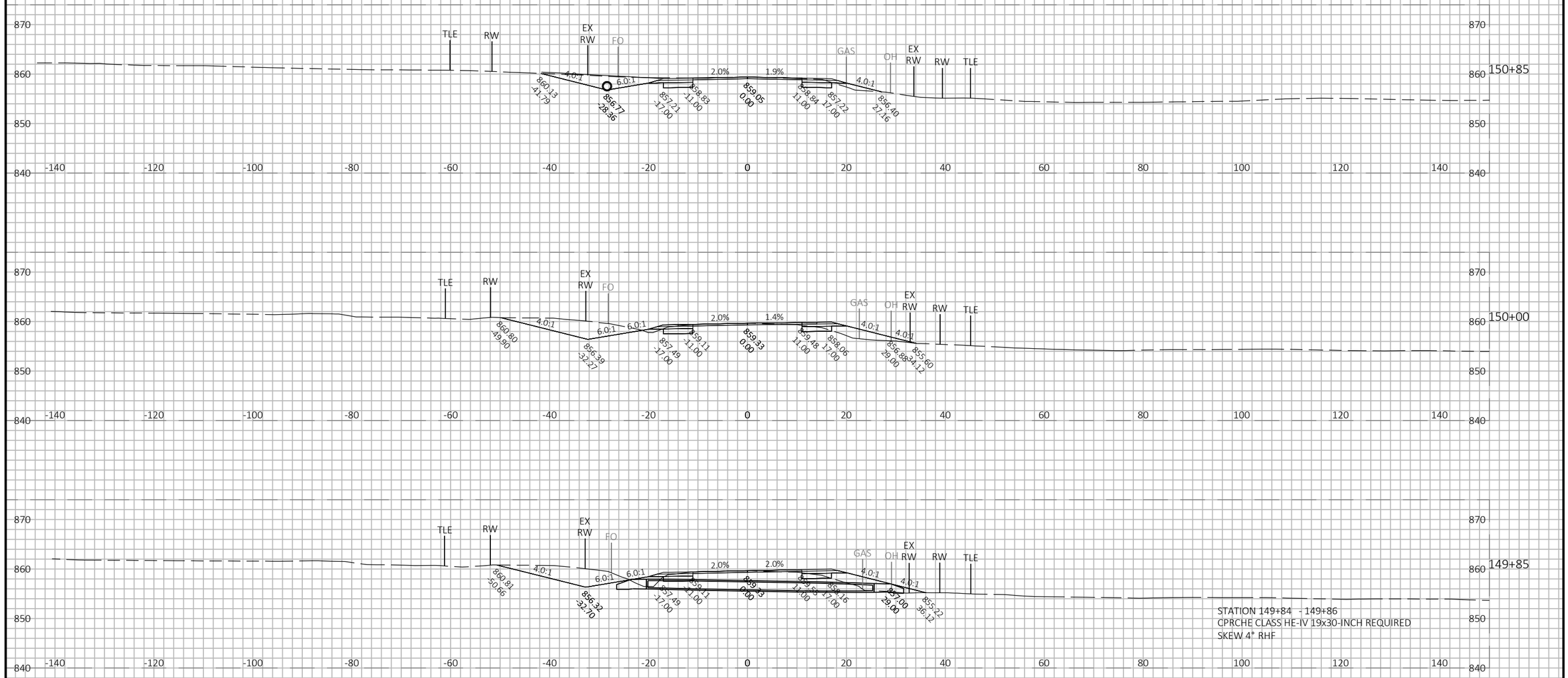
PLOT DATE : 7/21/2022 4:19 PM

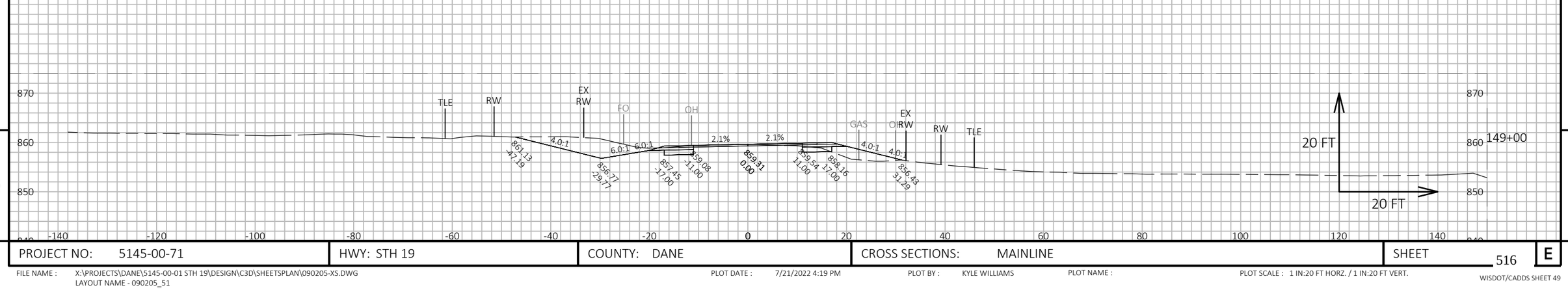
PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49





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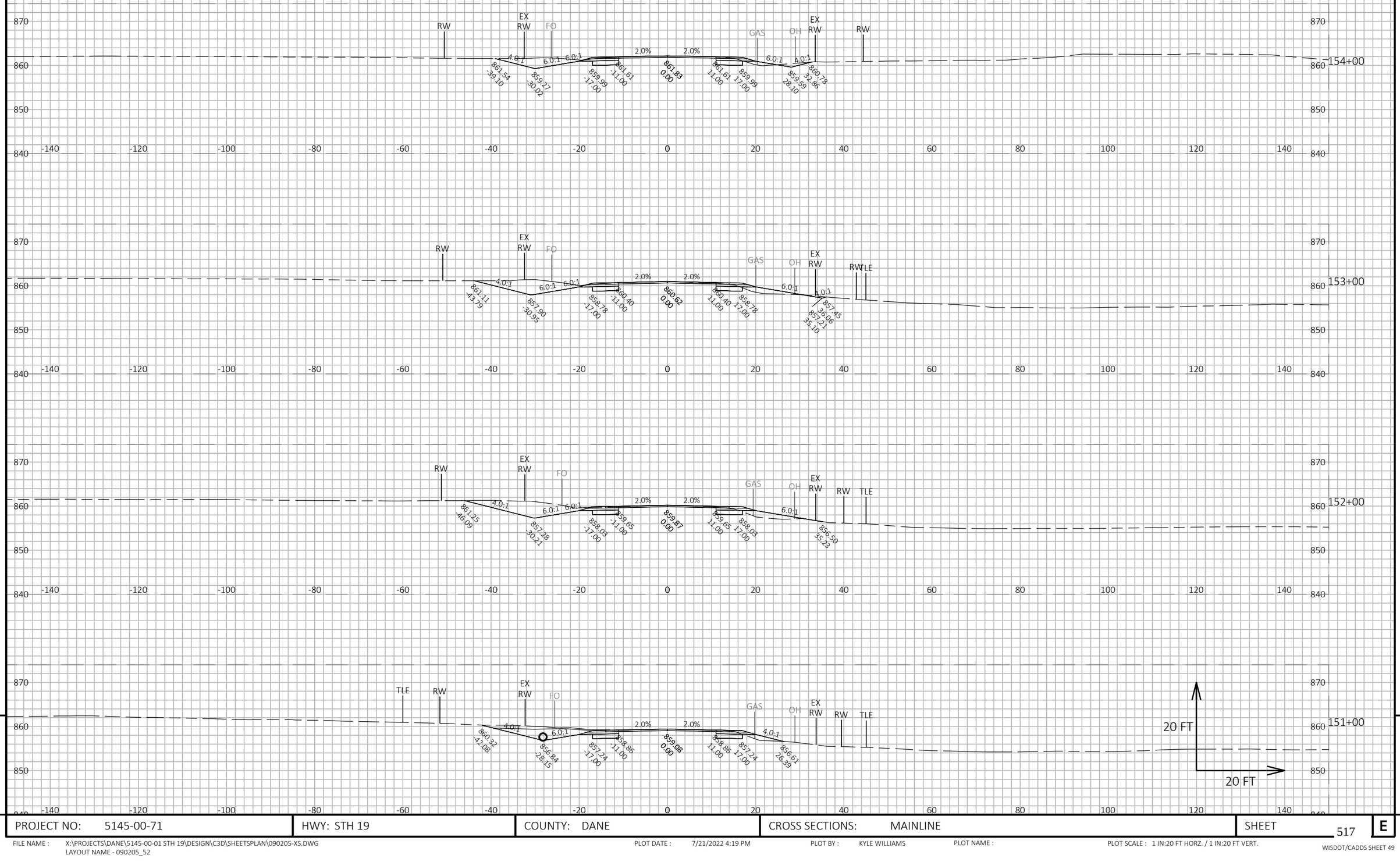
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 516	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_51
PLOT DATE : 7/21/2022 4:19 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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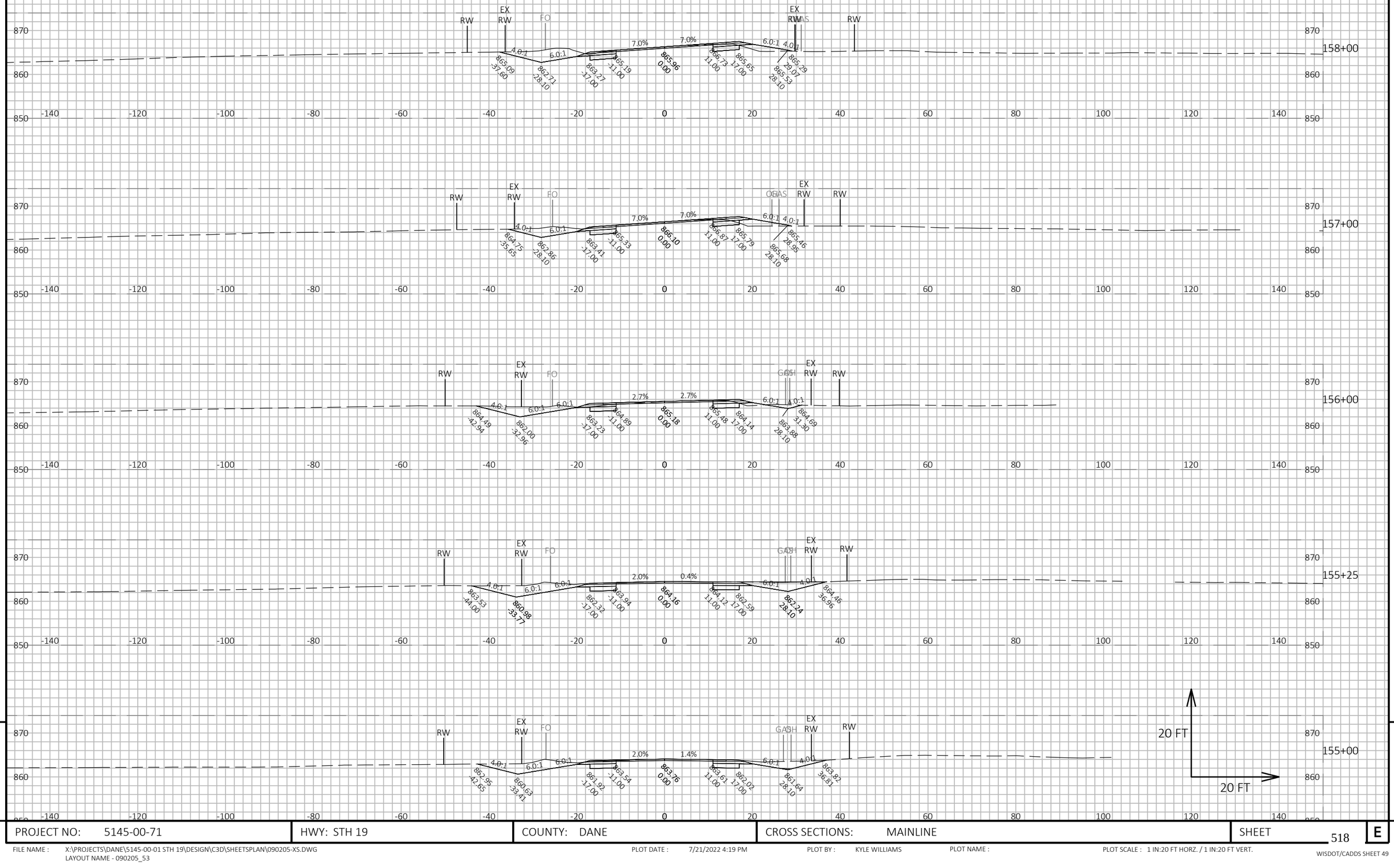
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 517	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_52

PLOT DATE : 7/21/2022 4:19 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 518	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_53

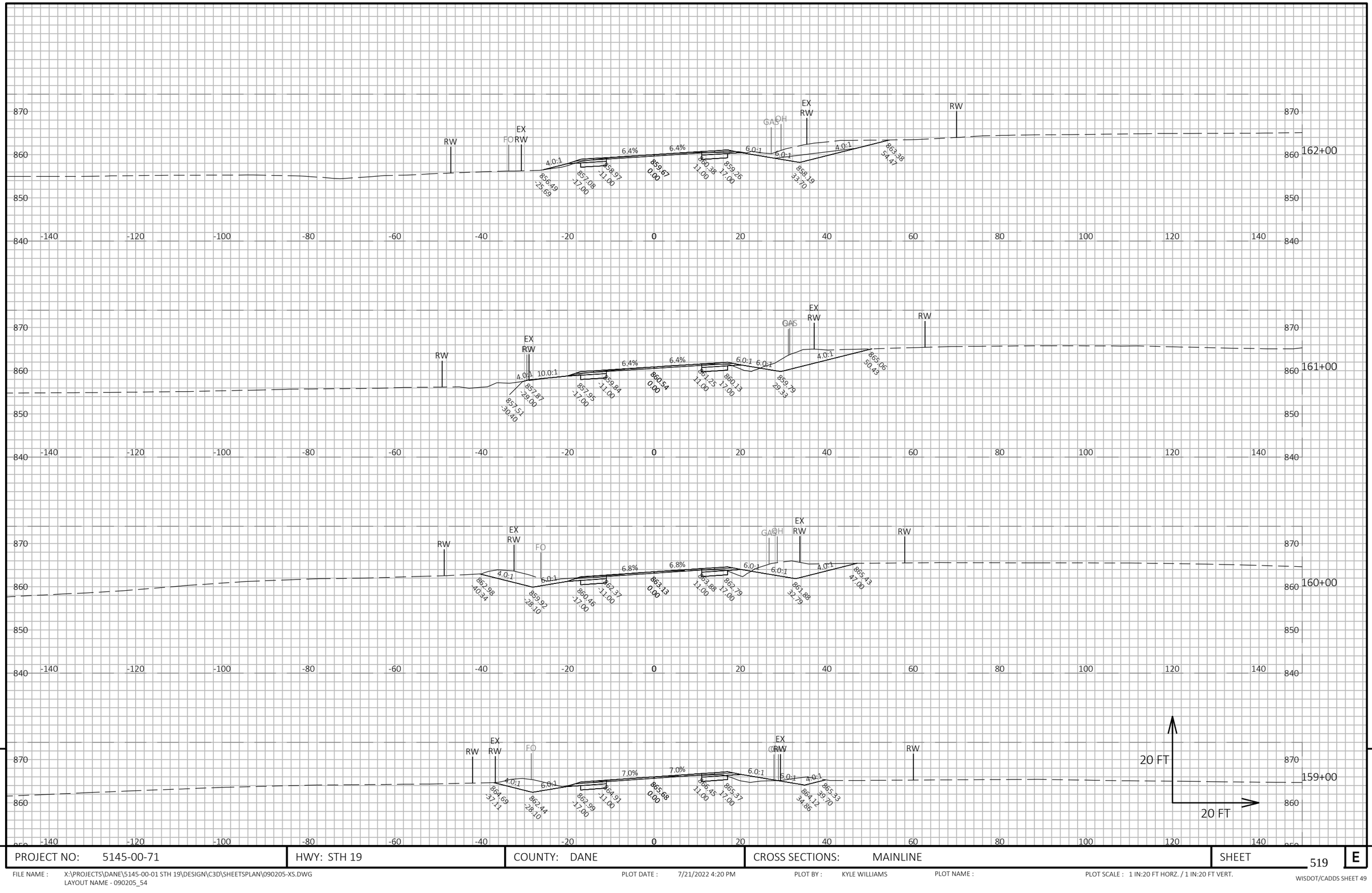
PLOT DATE : 7/21/2022 4:19 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

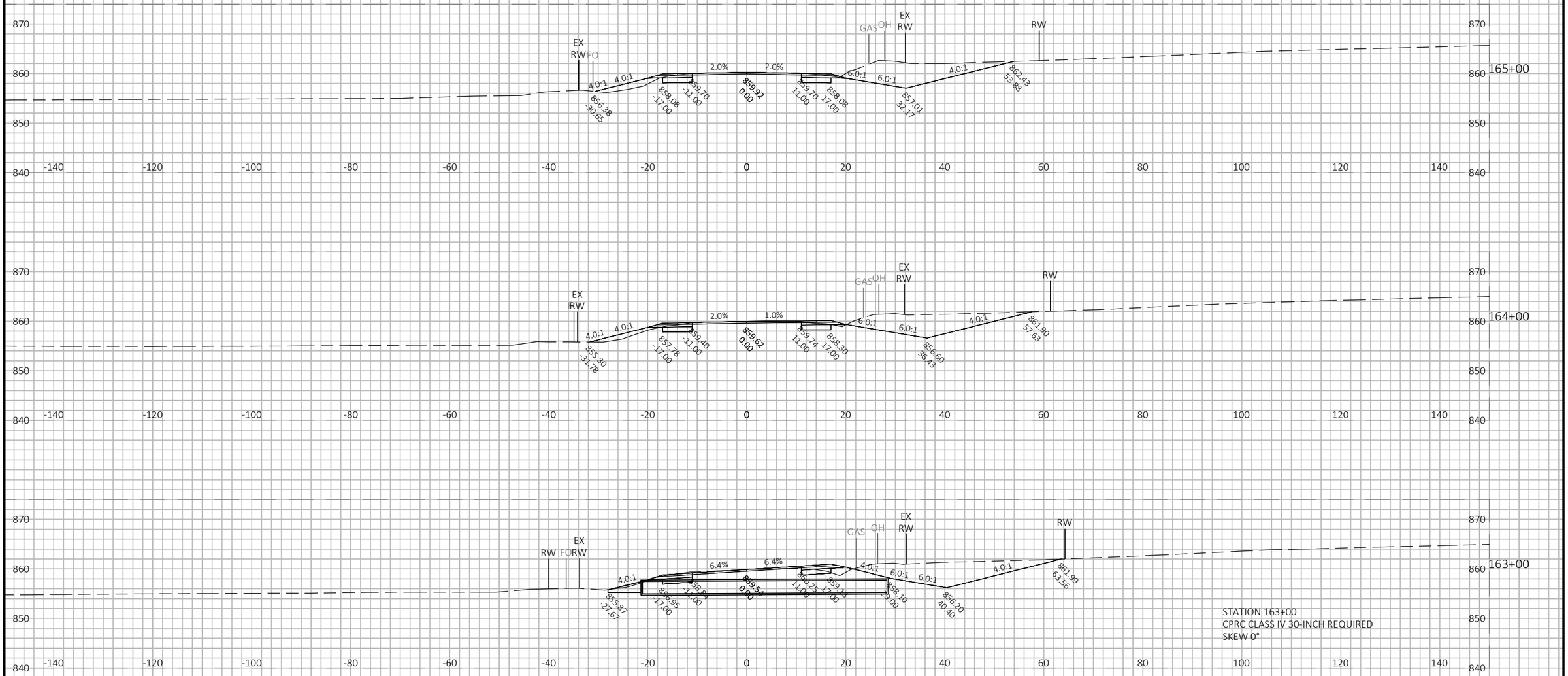


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 519	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_54

PLOT DATE : 7/21/2022 4:20 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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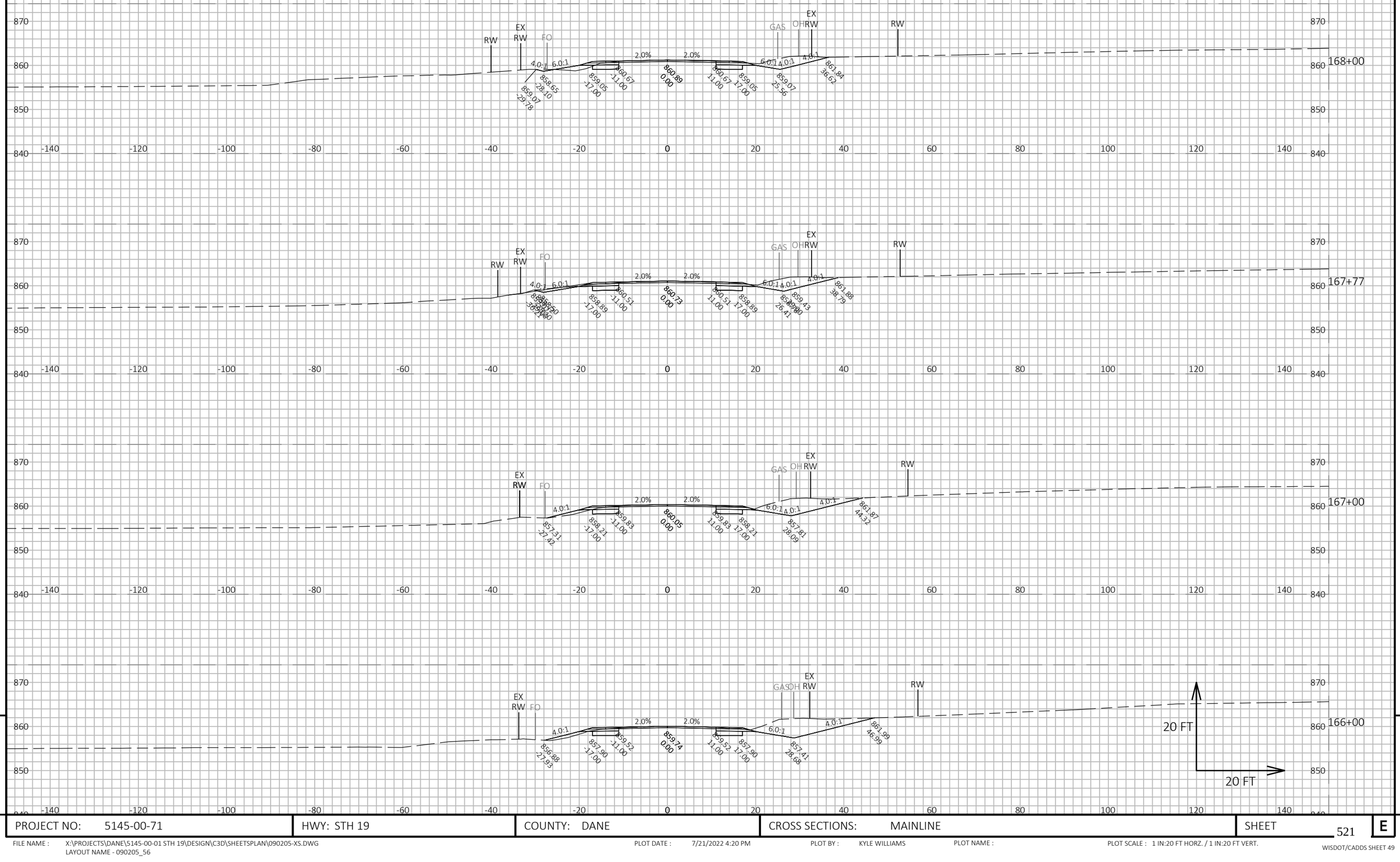
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 520	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_55
PLOT DATE : 7/21/2022 4:20 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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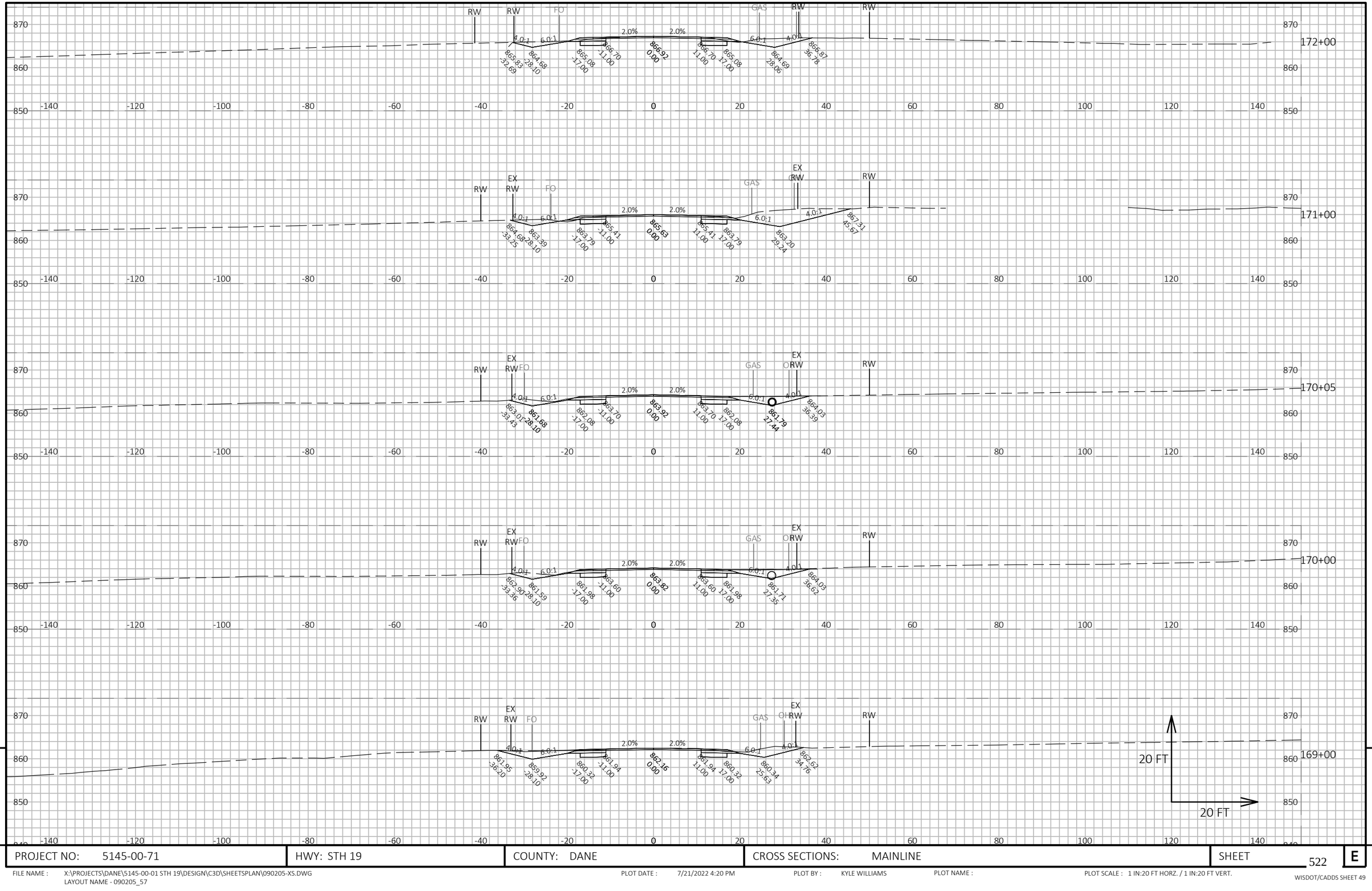
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 521	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_56

PLOT DATE : 7/21/2022 4:20 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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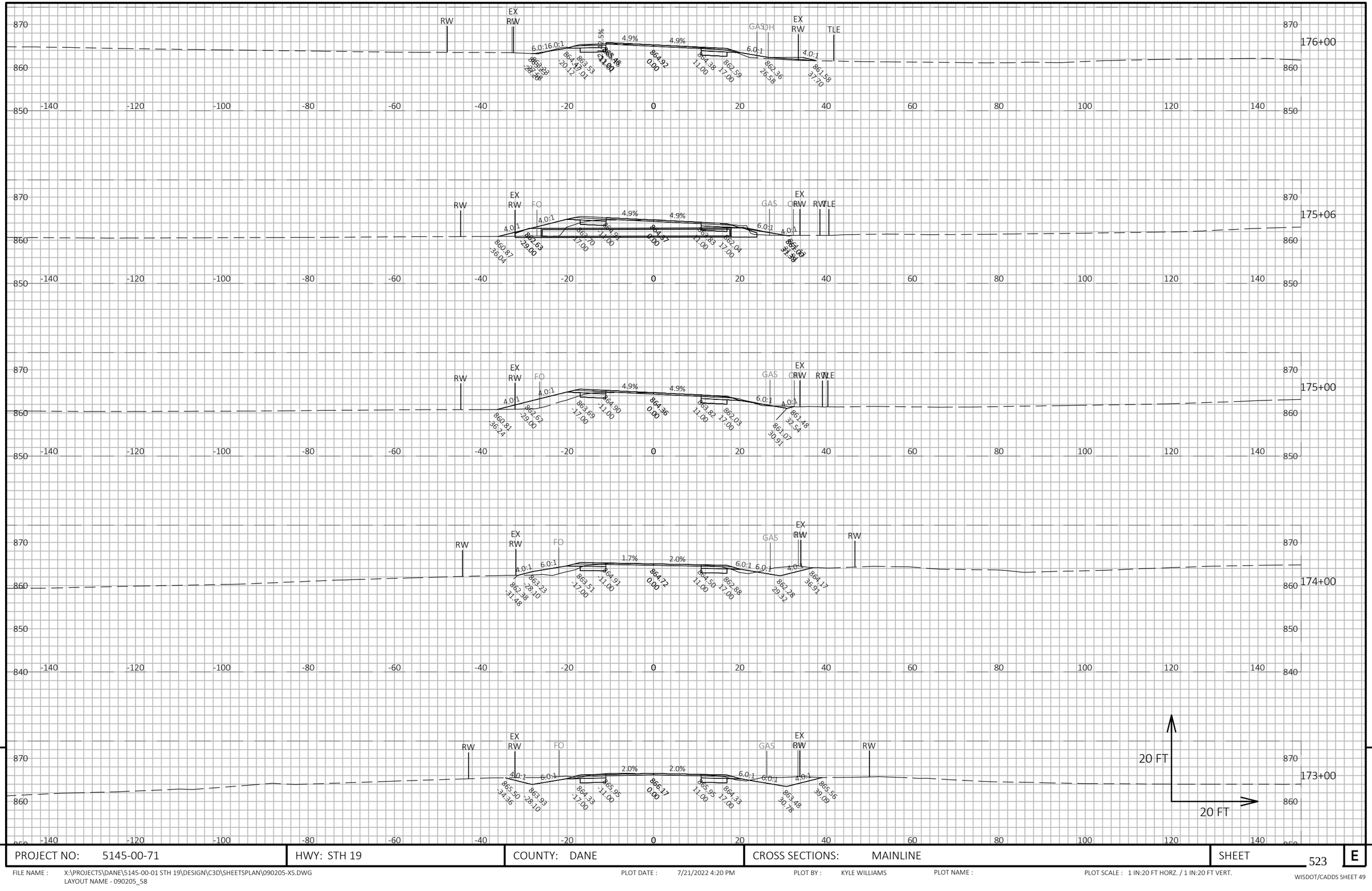
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 522	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_57

PLOT DATE : 7/21/2022 4:20 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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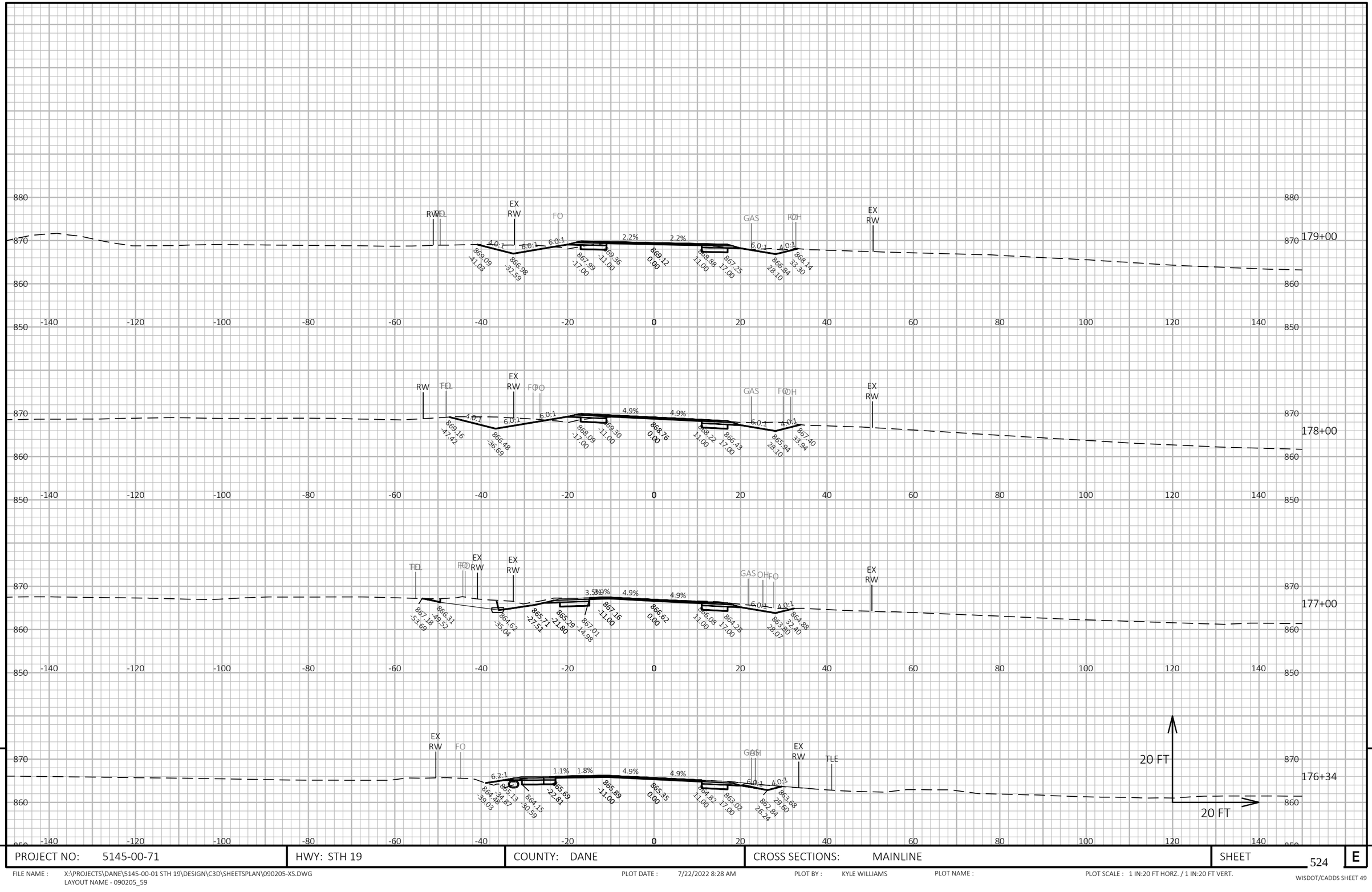
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 523	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_58

PLOT DATE : 7/21/2022 4:20 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 524	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_59

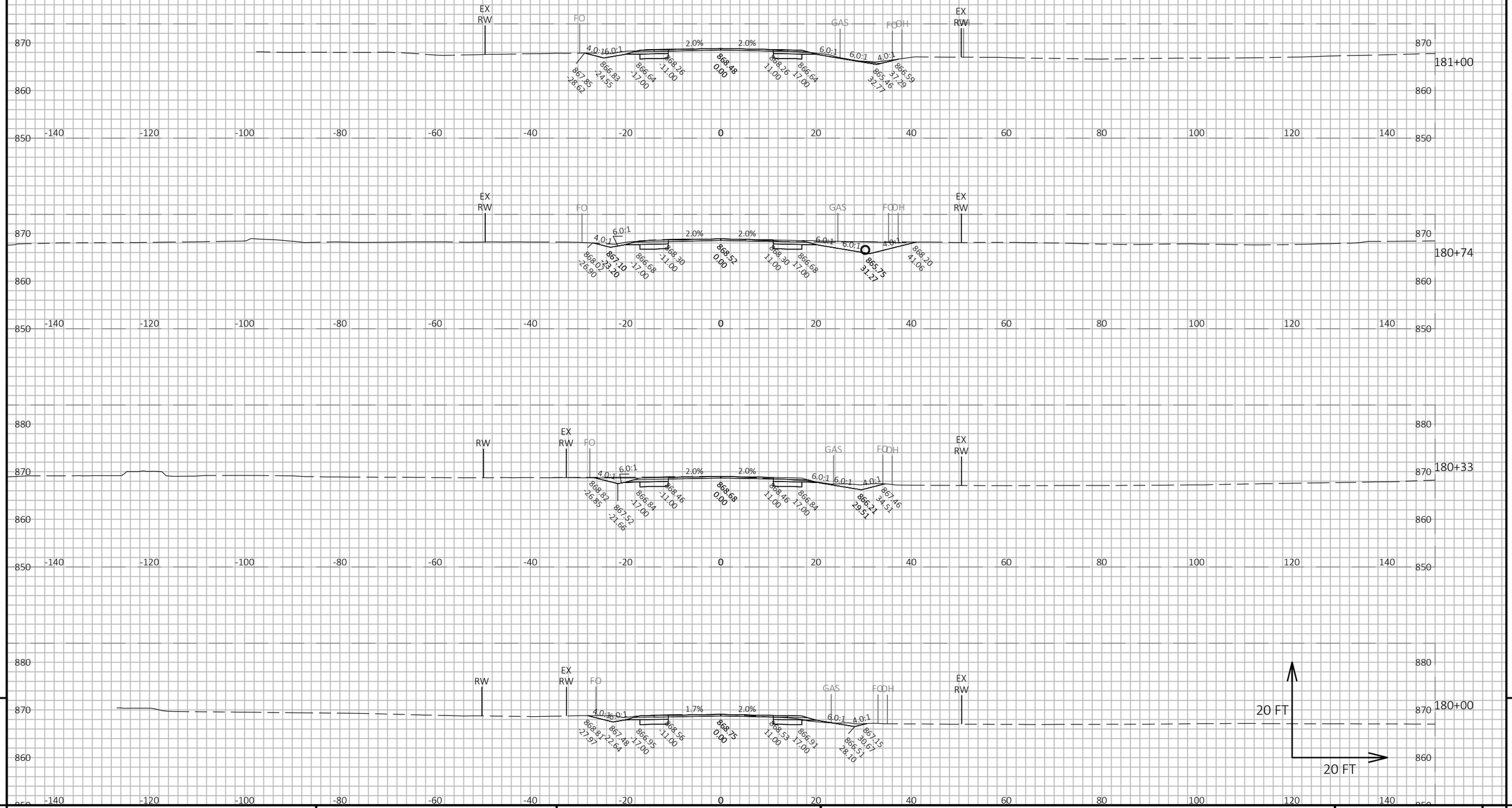
PLOT DATE : 7/22/2022 8:28 AM

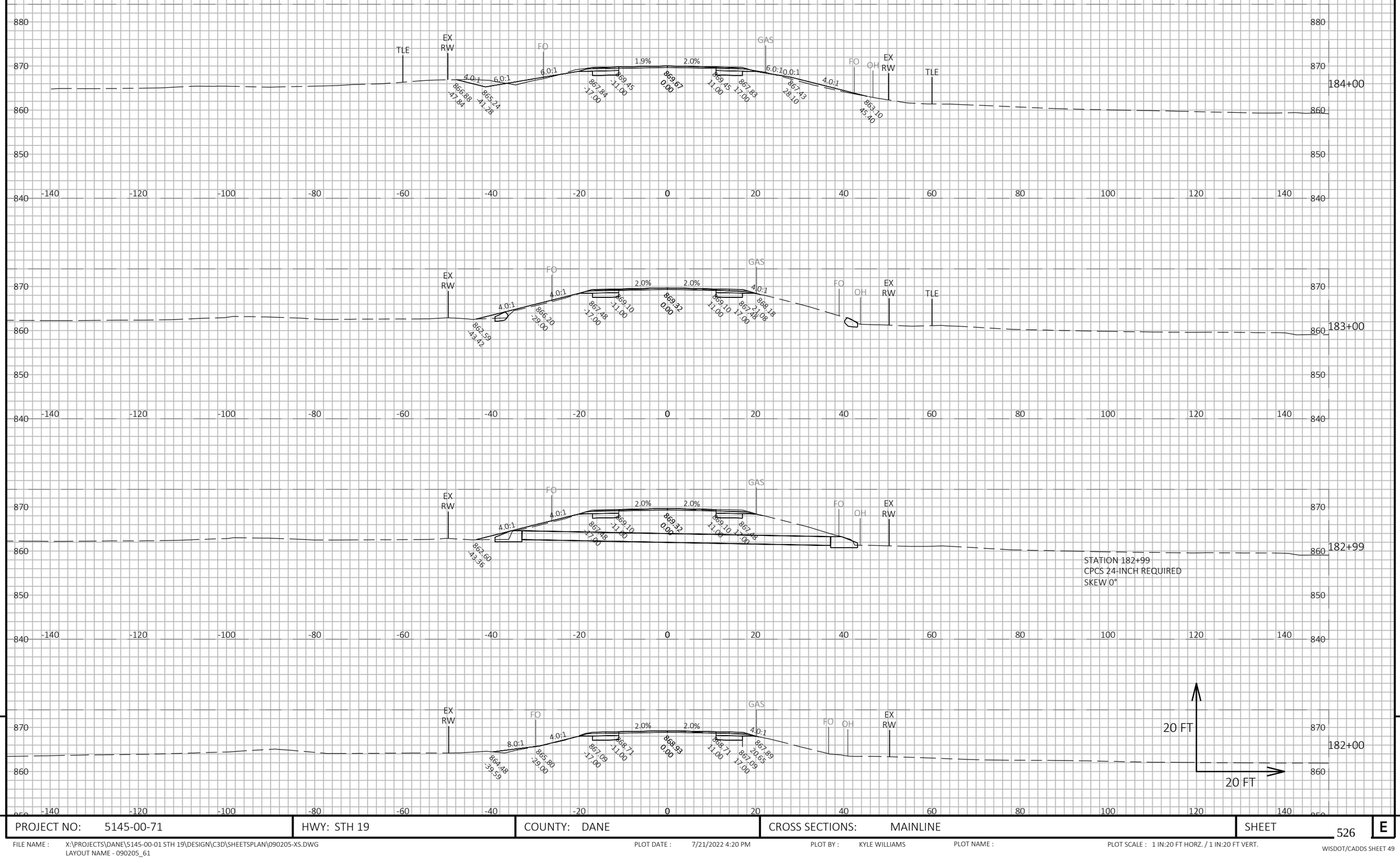
PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49


EX RW
FO
GAS
FO DH
EX RW
870
860
850
-140
-120
-100
-80
-60
-40
-20
0
20
40
60
80
100
120
140
4.0:1
6.0:1
2.0%
868.48
0.00
868.82
-26.95
867.85
-28.62
866.83
-24.55
866.64
-17.00
869.26
-11.00
868.26
11.00
866.64
17.00
865.46
32.77
866.59
37.29
181+00
868.20
41.06
868.02
-26.90
867.10
-23.20
866.68
-17.00
868.30
-11.00
868.52
868.30
866.68
865.75
31.27
180+74
880
RW
868.68
0.00
868.46
11.00
866.84
17.00
867.46
34.51
866.21
29.51
180+33
1.7%
868.75
868.53
866.91
867.15
39.67
865.51
28.10
180+00
20 FT
9
PROJECT NO: 5145-00-71
HWY: STH 19
COUNTY: DANE
CROSS SECTIONS: MAINLINE
SHEET 525
E
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_60
PLOT DATE : 7/21/2022 4:20 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



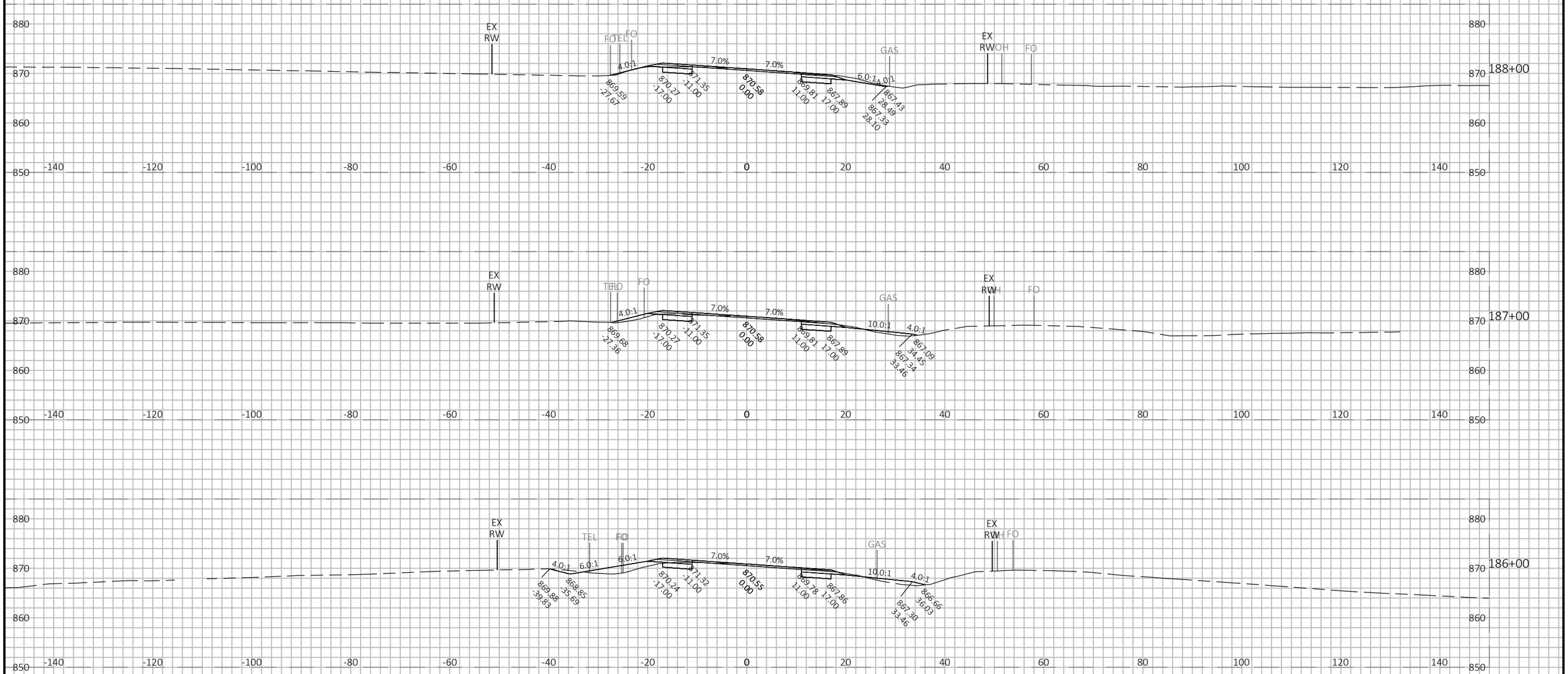
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 526	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_61

PLOT DATE : 7/21/2022 4:20 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 527	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_62

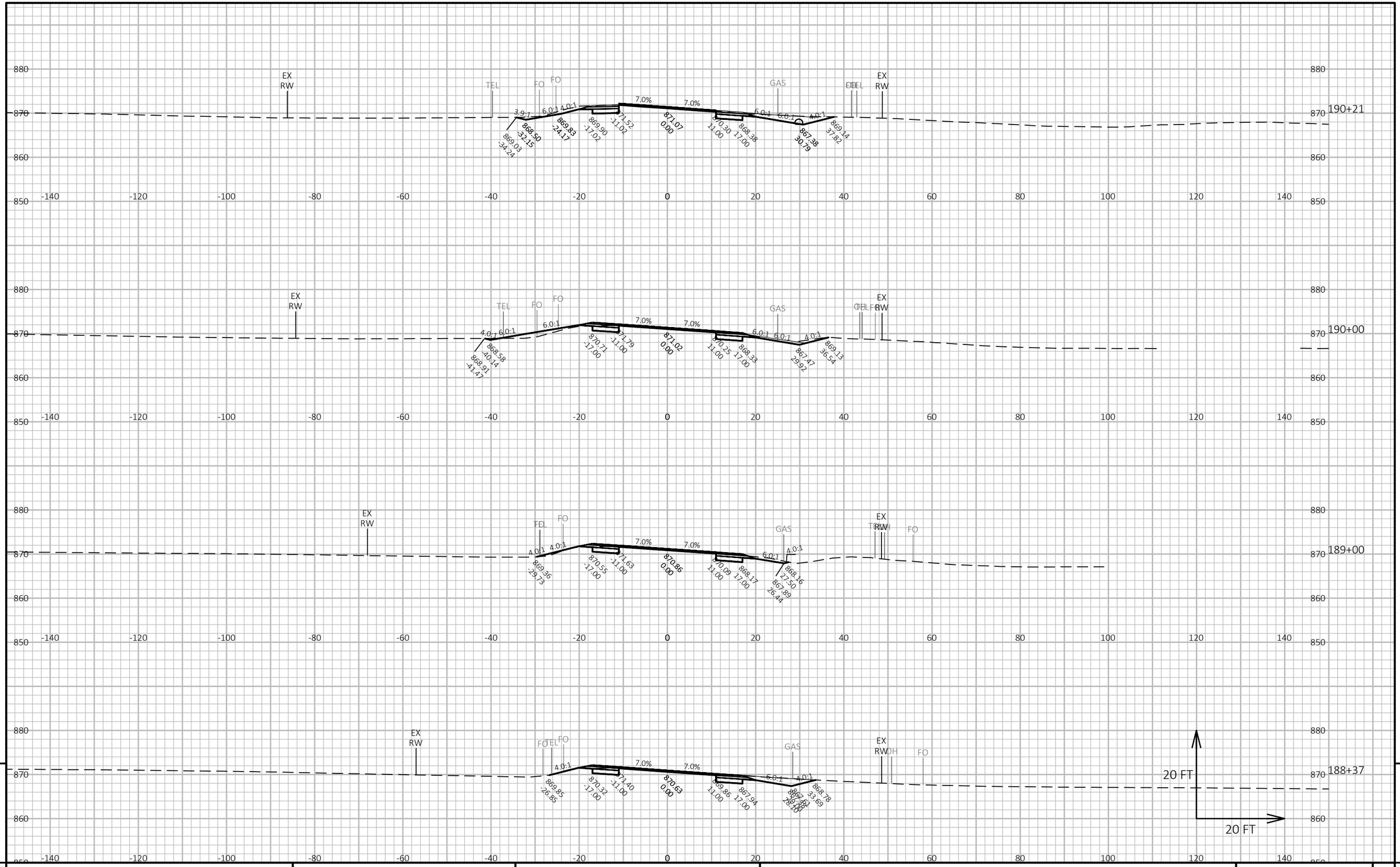
PLOT DATE : 7/21/2022 4:20 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 528	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_63

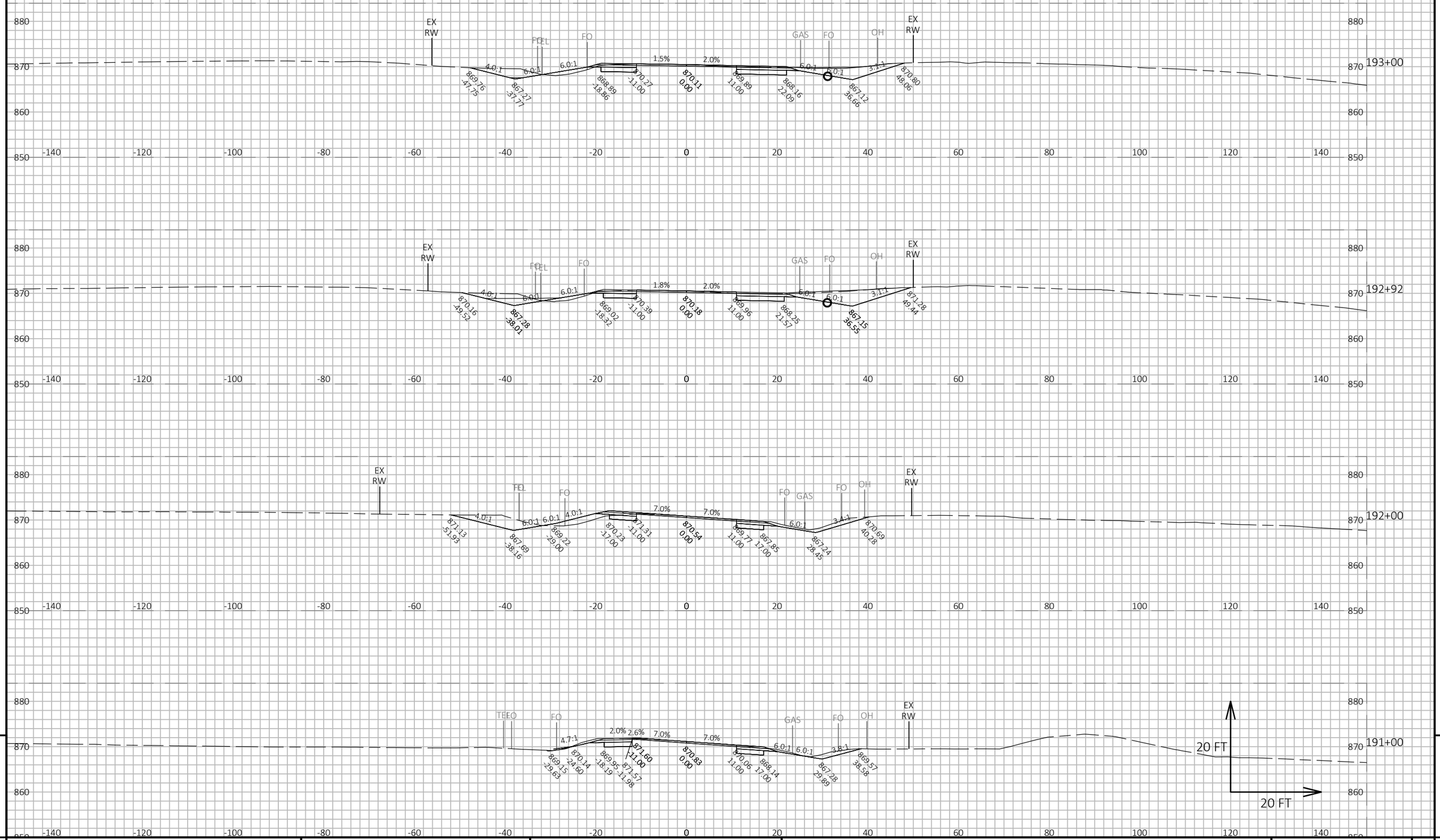
PLOT DATE : 7/22/2022 8:31 AM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 529	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_64

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

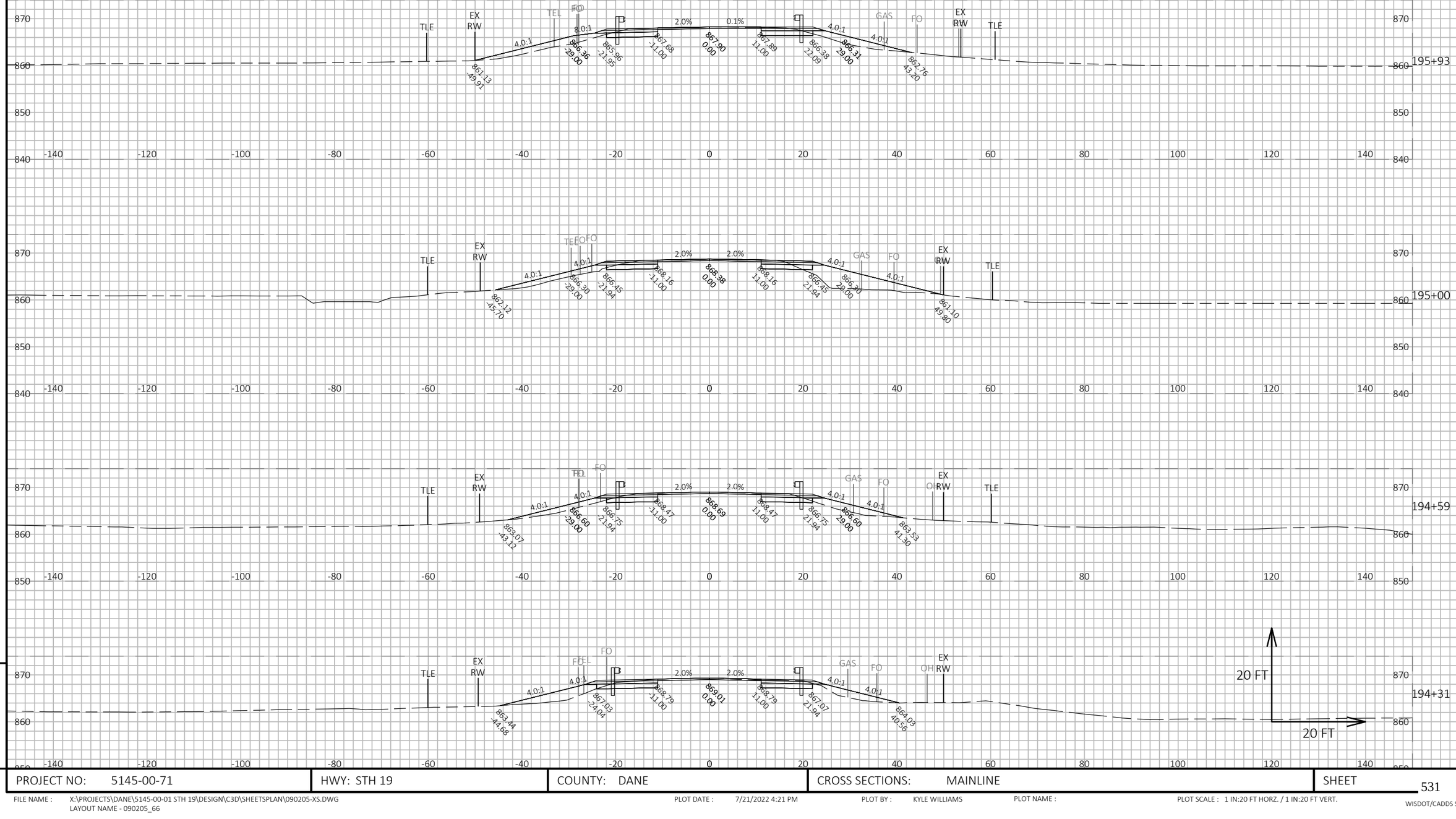
WISDOT/CADDS SHEET 49

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 530	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_65

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 531	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_66

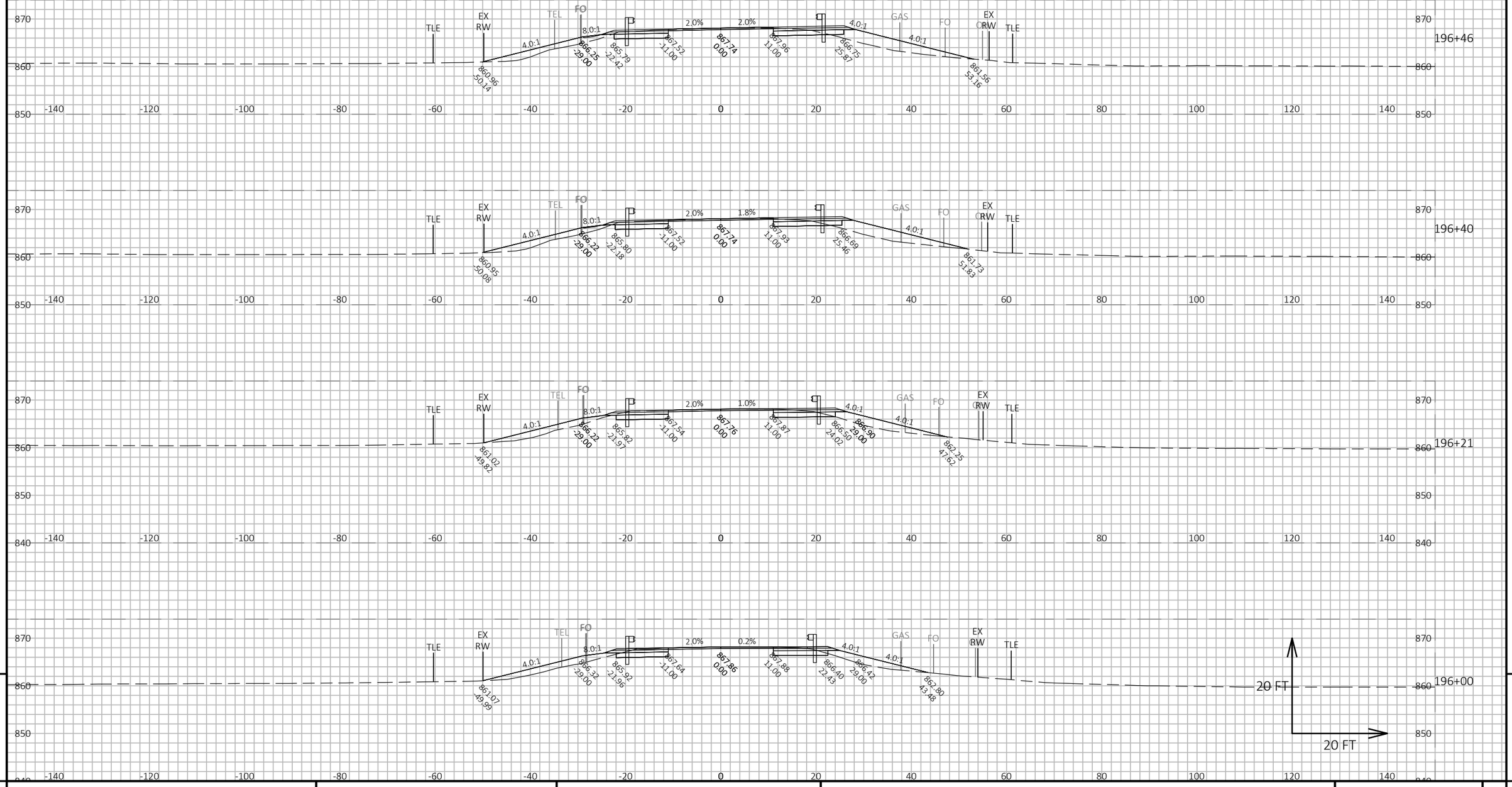
PLOT DATE : 7/21/2022 4:21 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

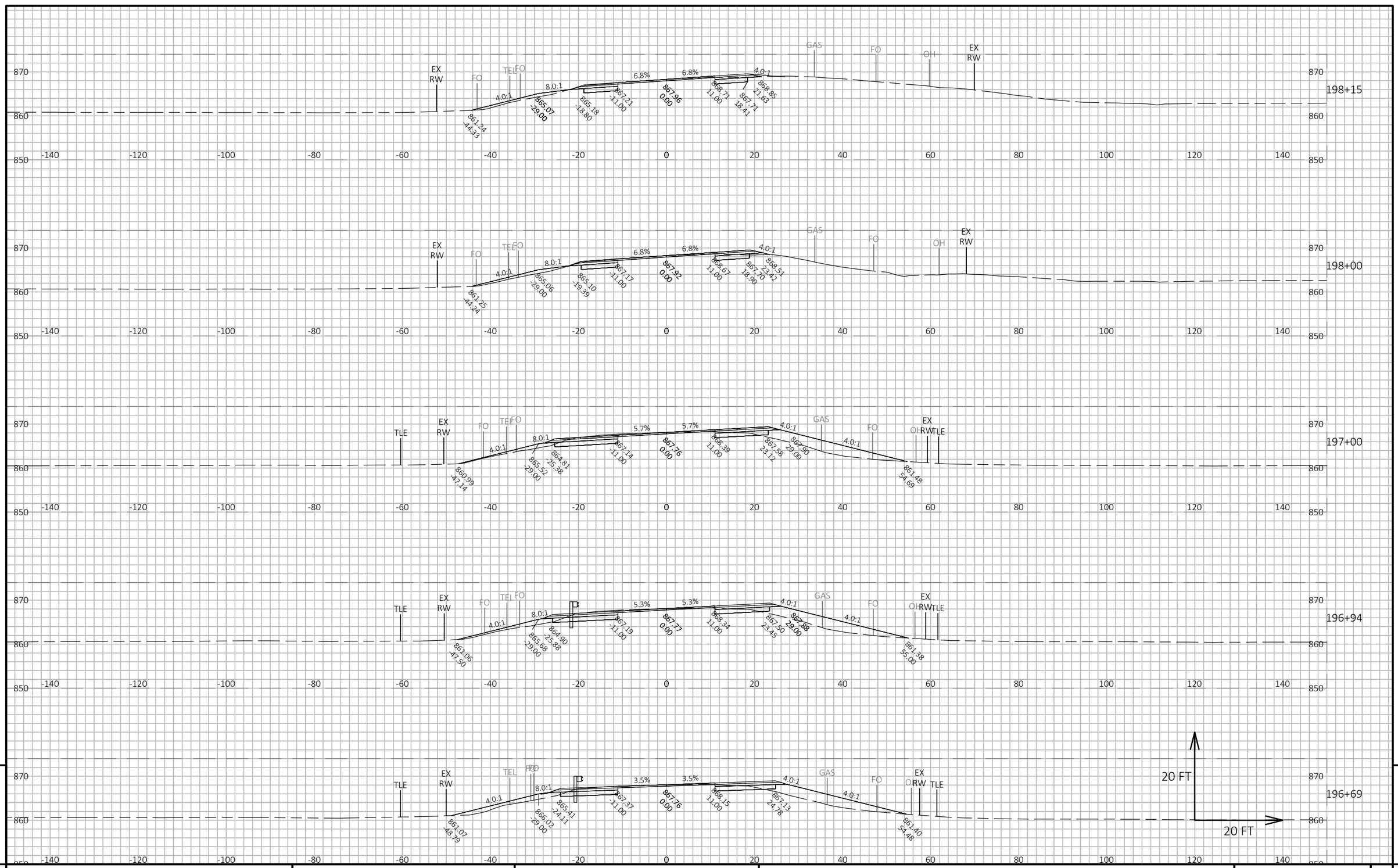
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 532	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_67

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 533	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_68

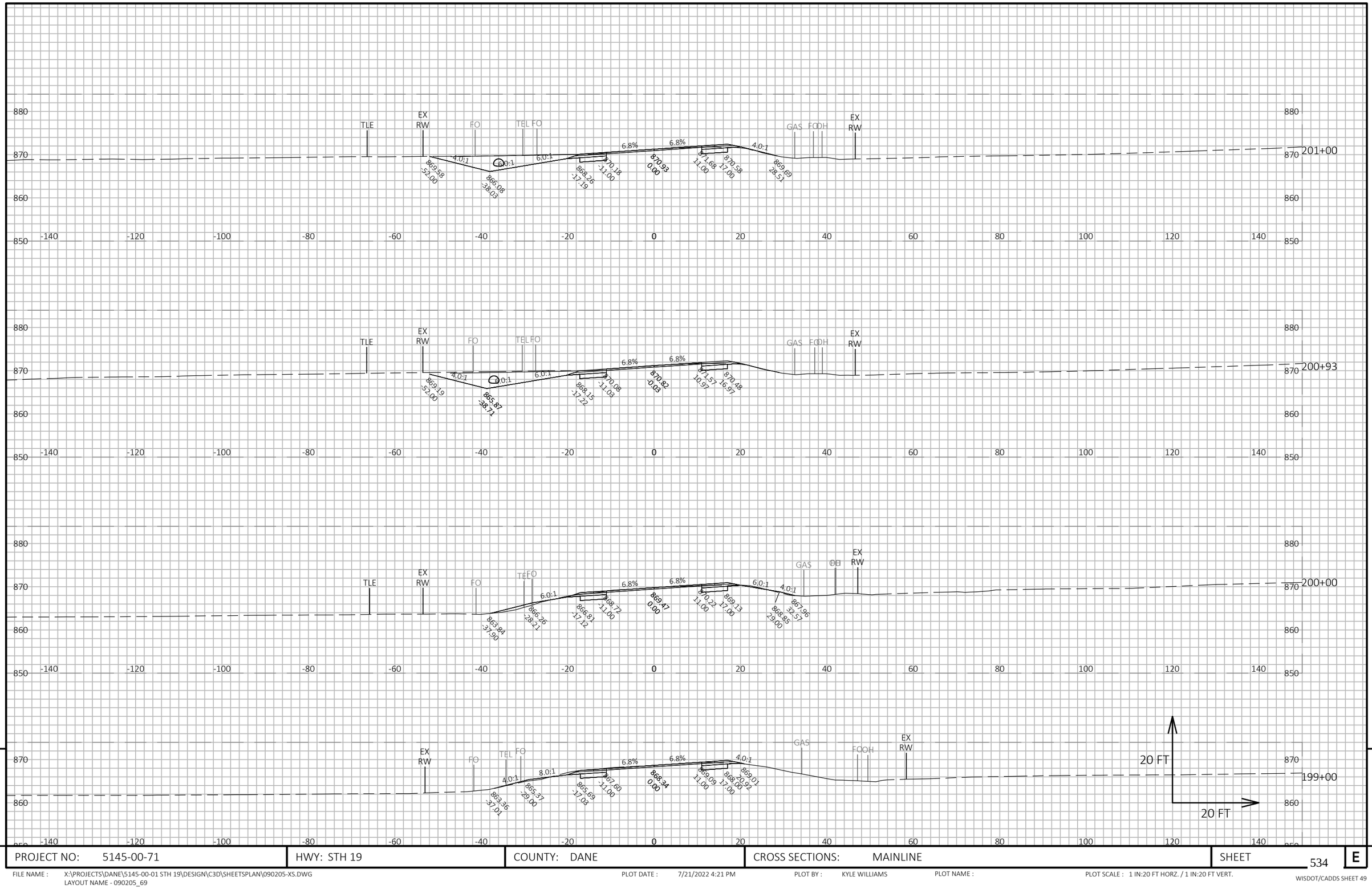
PLOT DATE : 7/21/2022 4:21 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

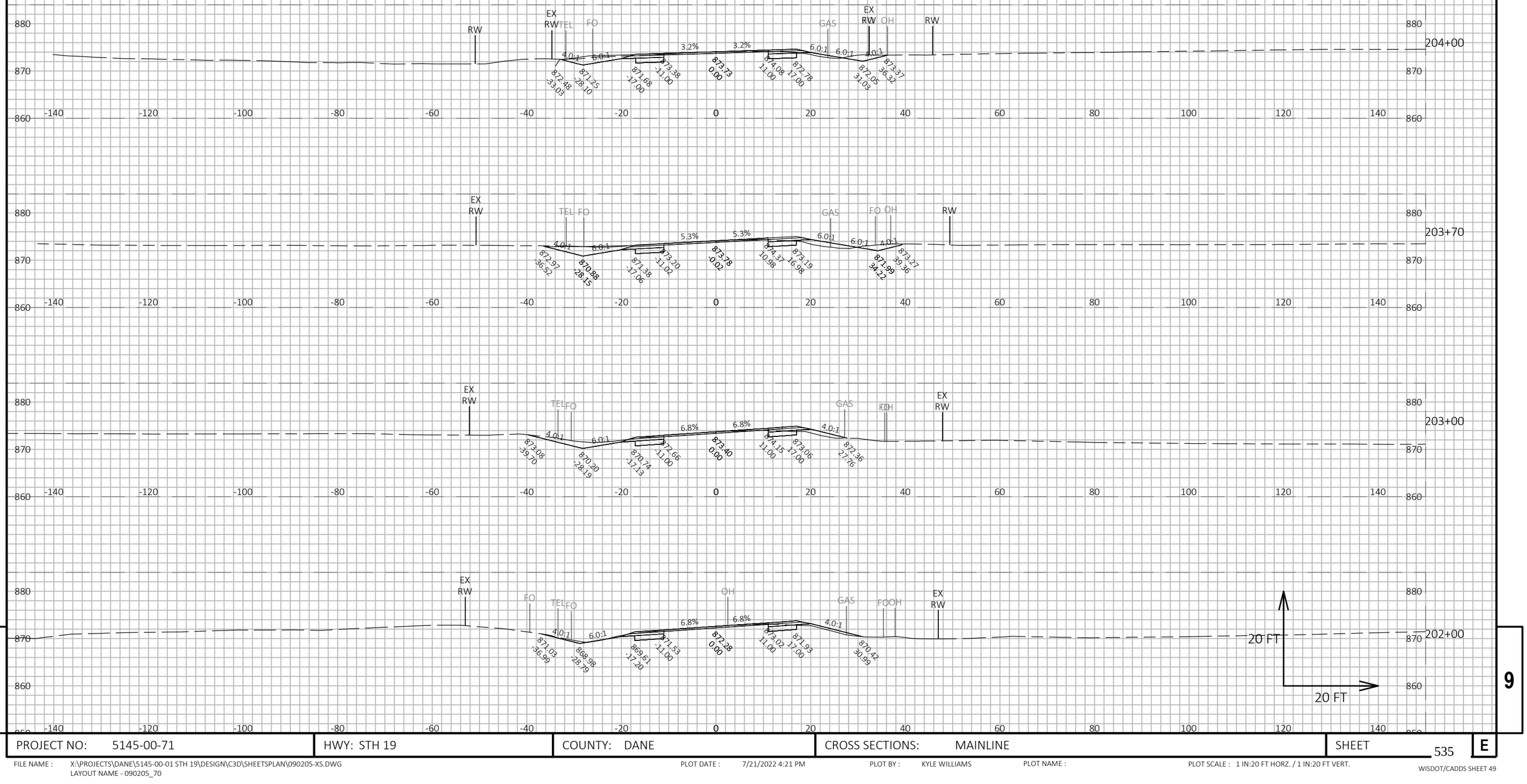


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 534	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_69

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

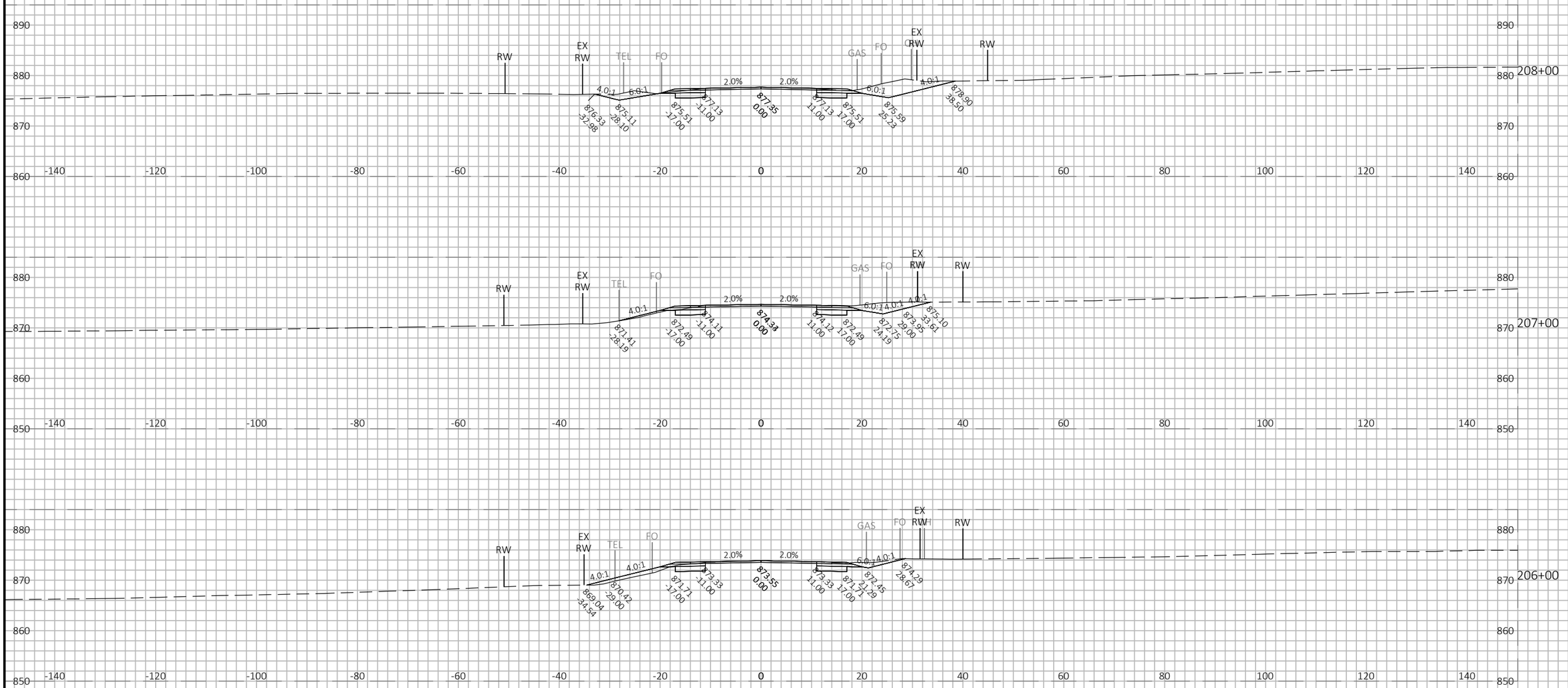
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 535	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_70

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

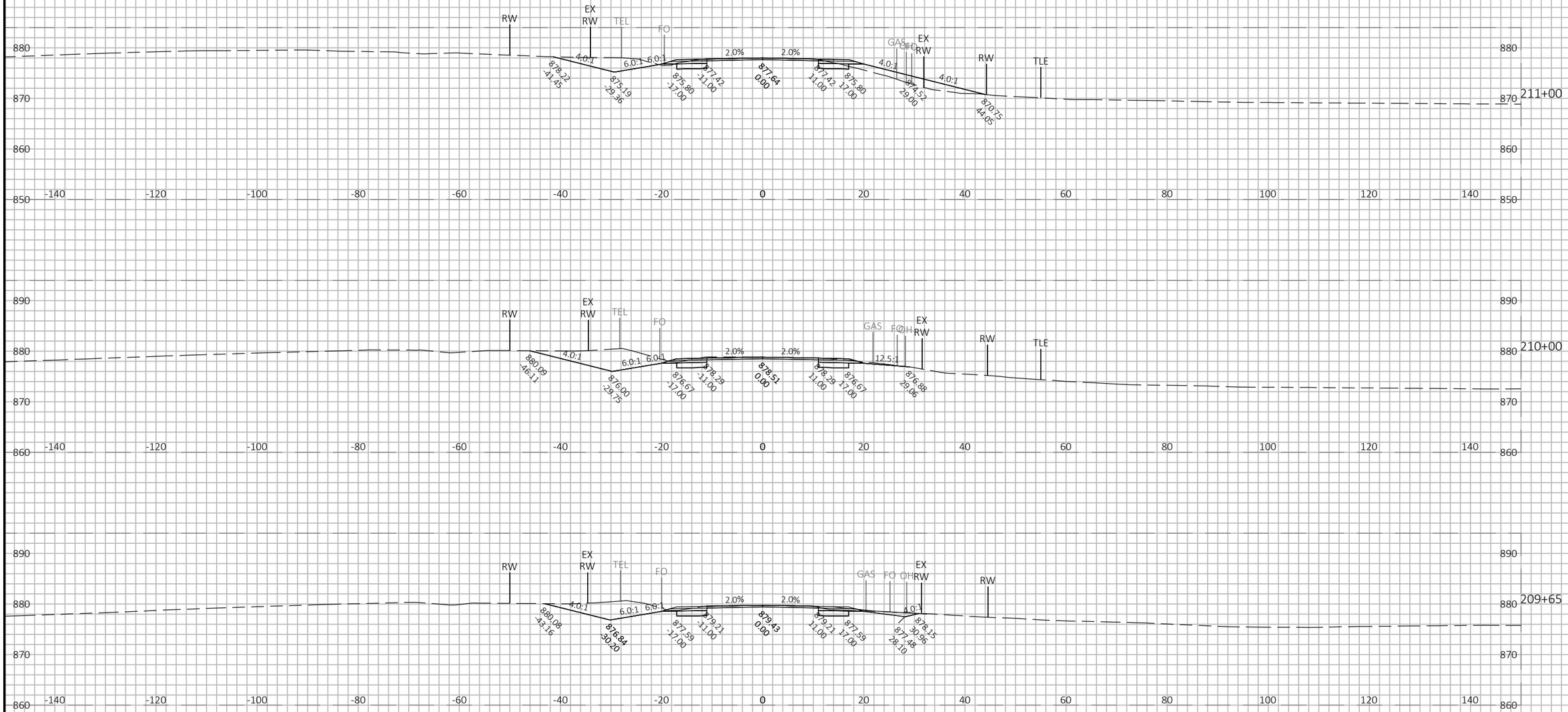
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 536	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_71

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

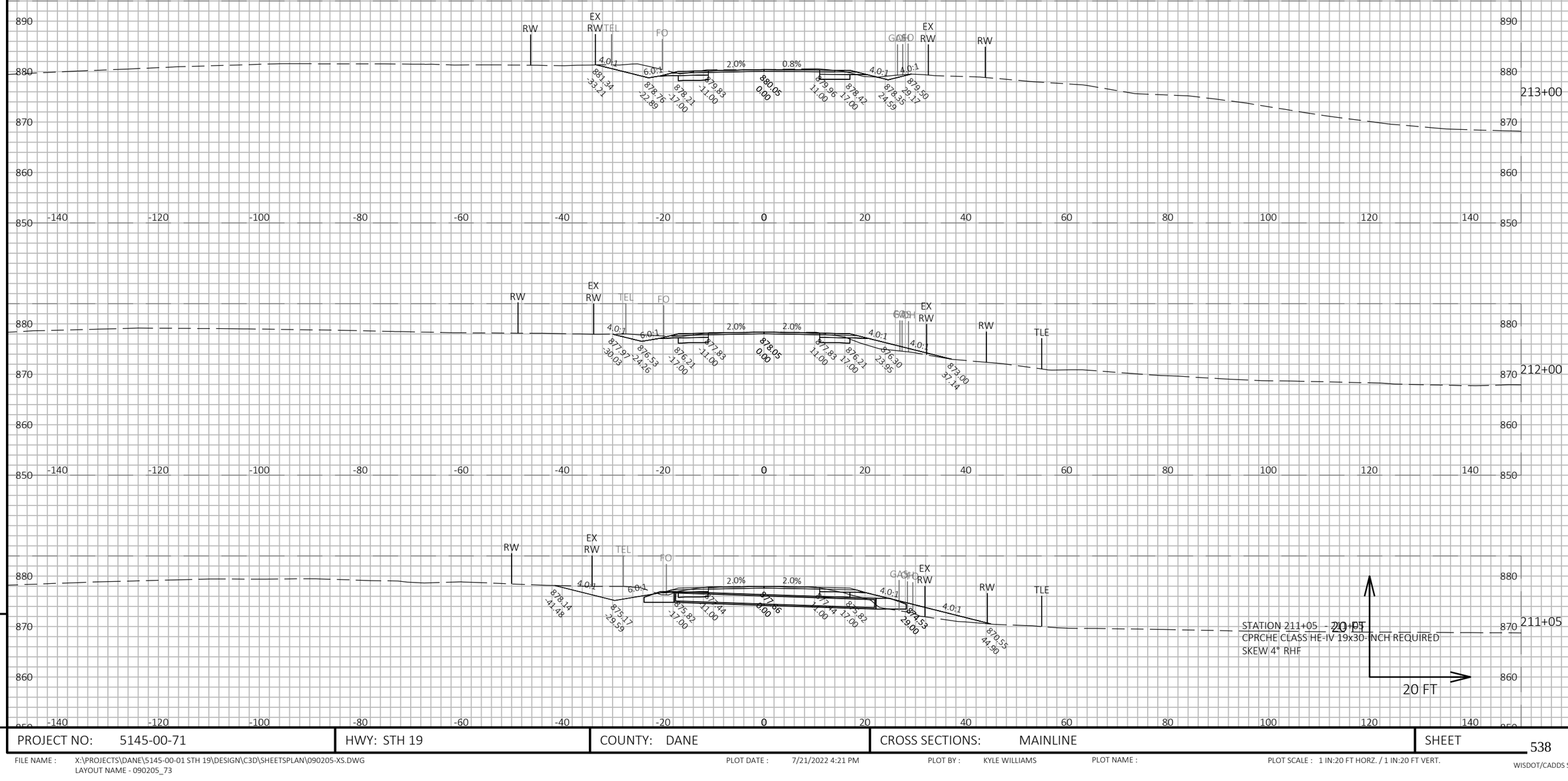


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 537	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_72

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

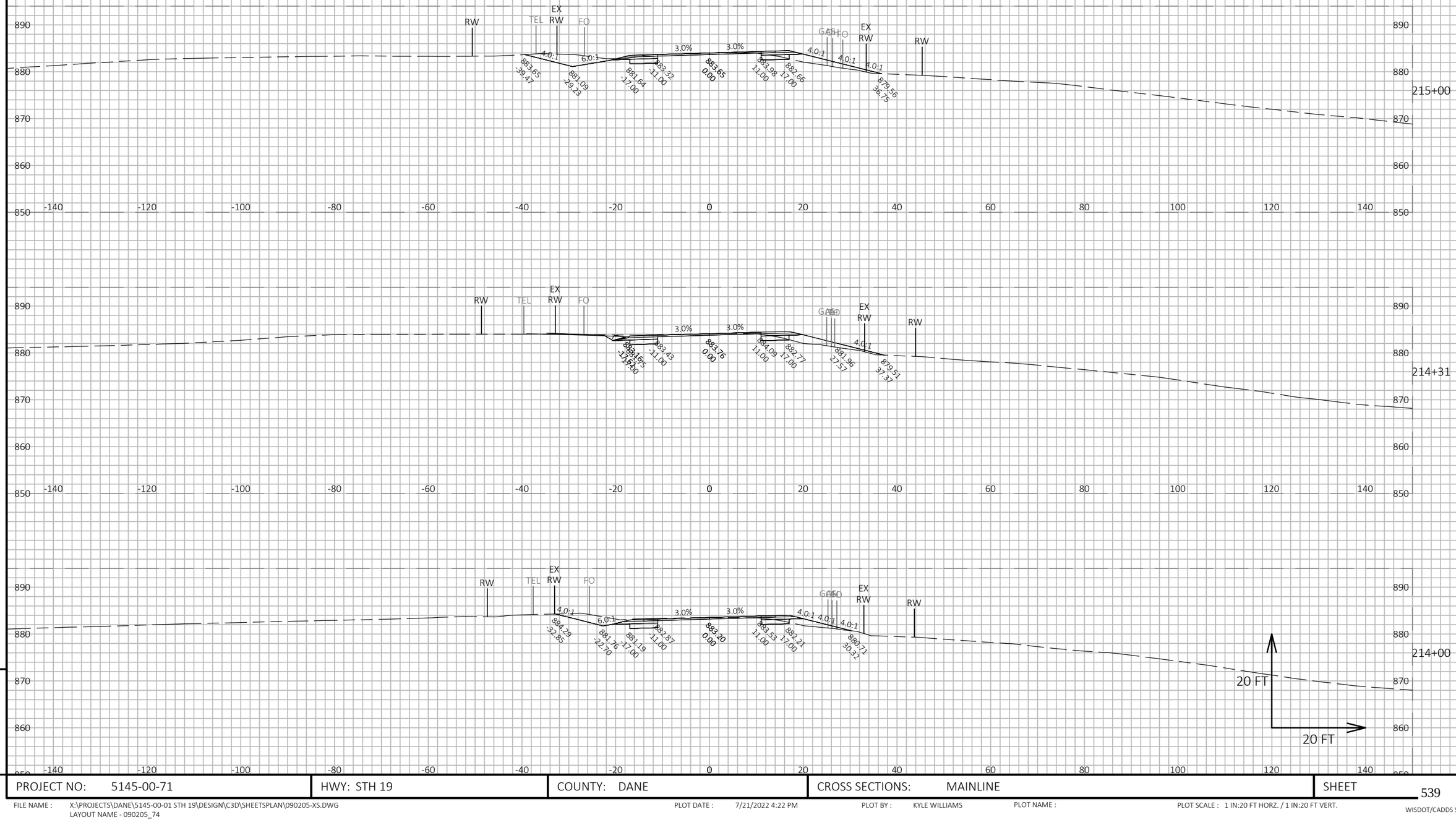


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 538	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_73

PLOT DATE : 7/21/2022 4:21 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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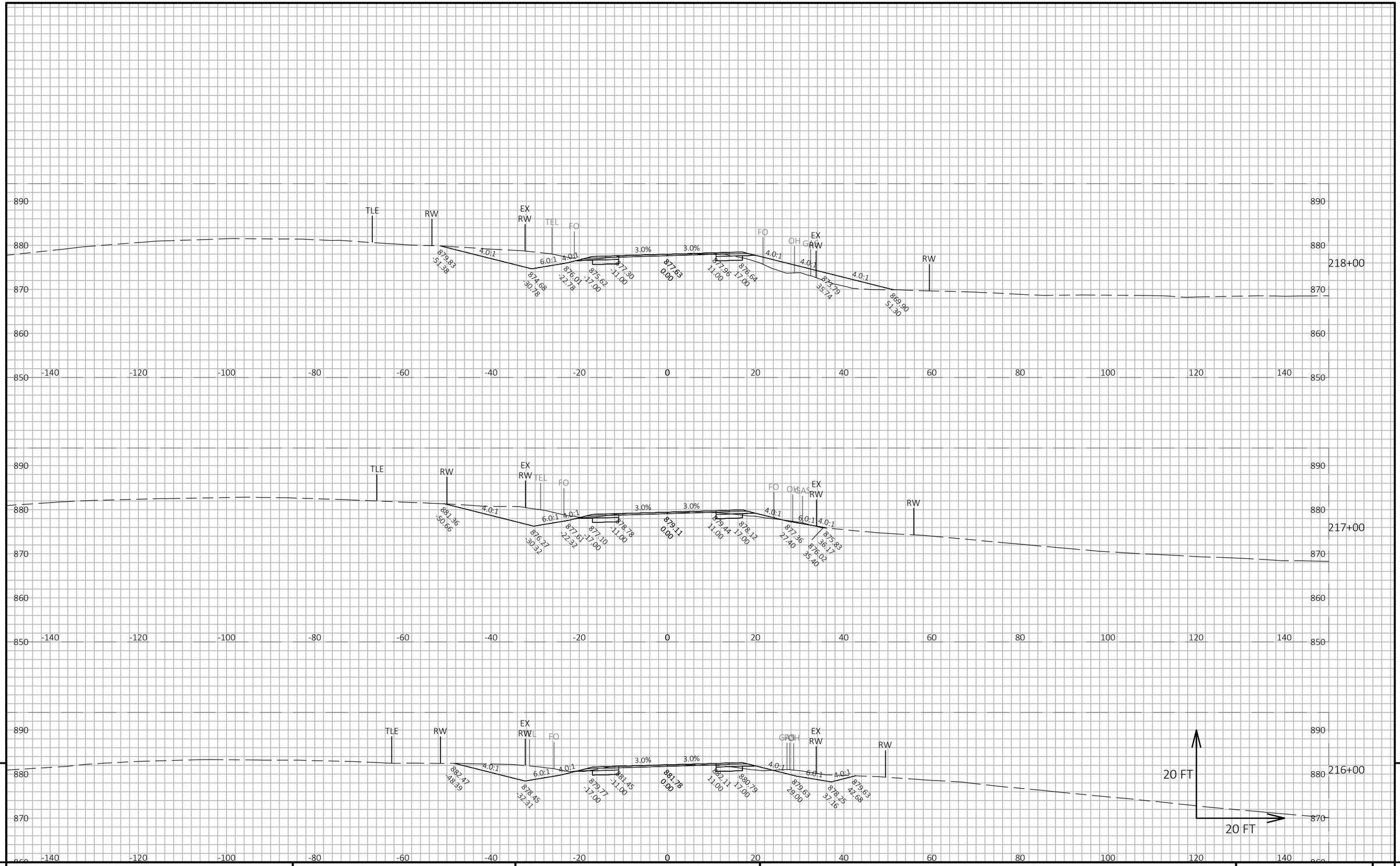
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 539	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_74

PLOT DATE : 7/21/2022 4:22 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 540	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_75

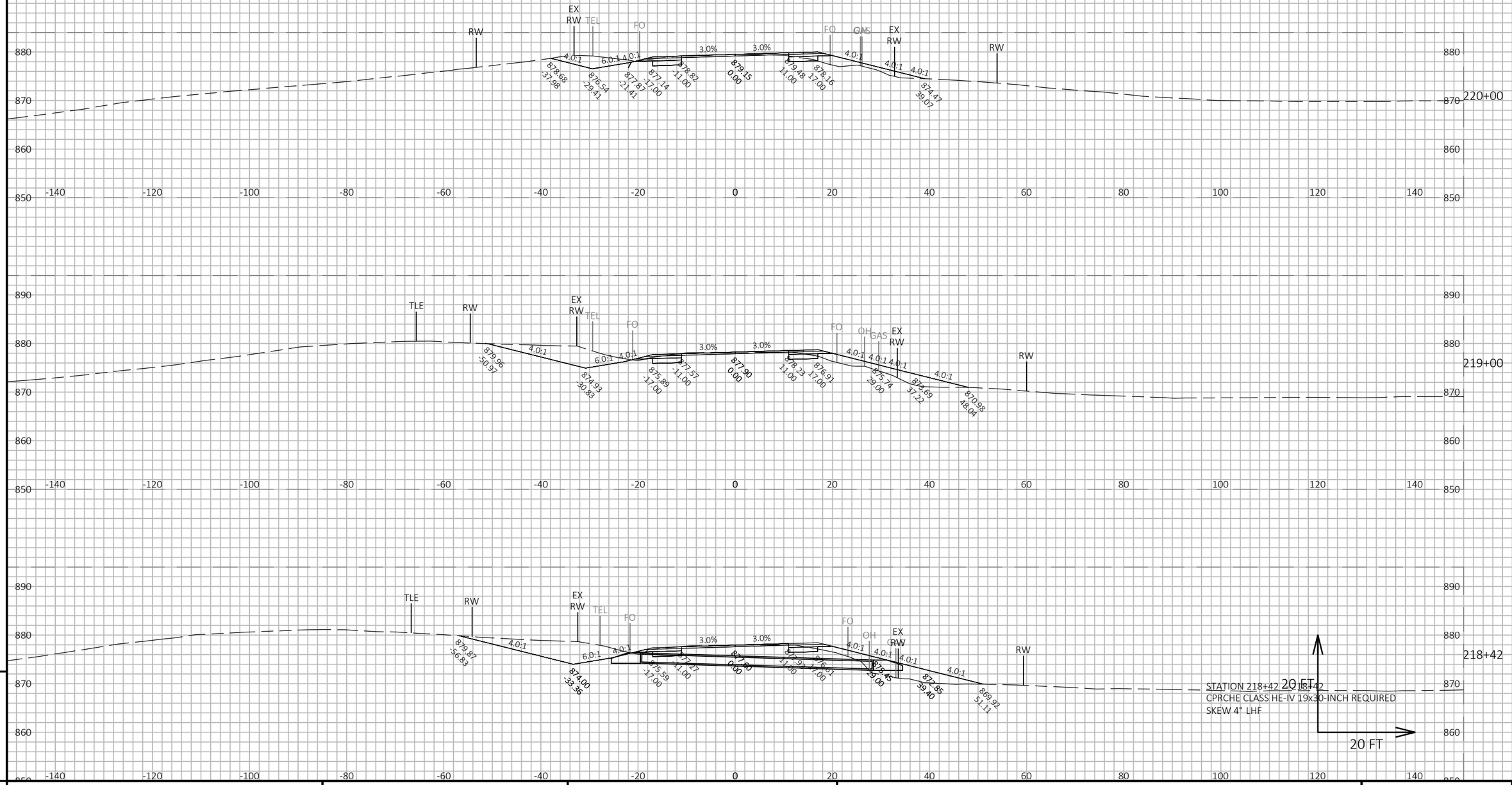
PLOT DATE : 7/21/2022 4:22 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 541	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_76

PLOT DATE : 7/21/2022 4:22 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

9

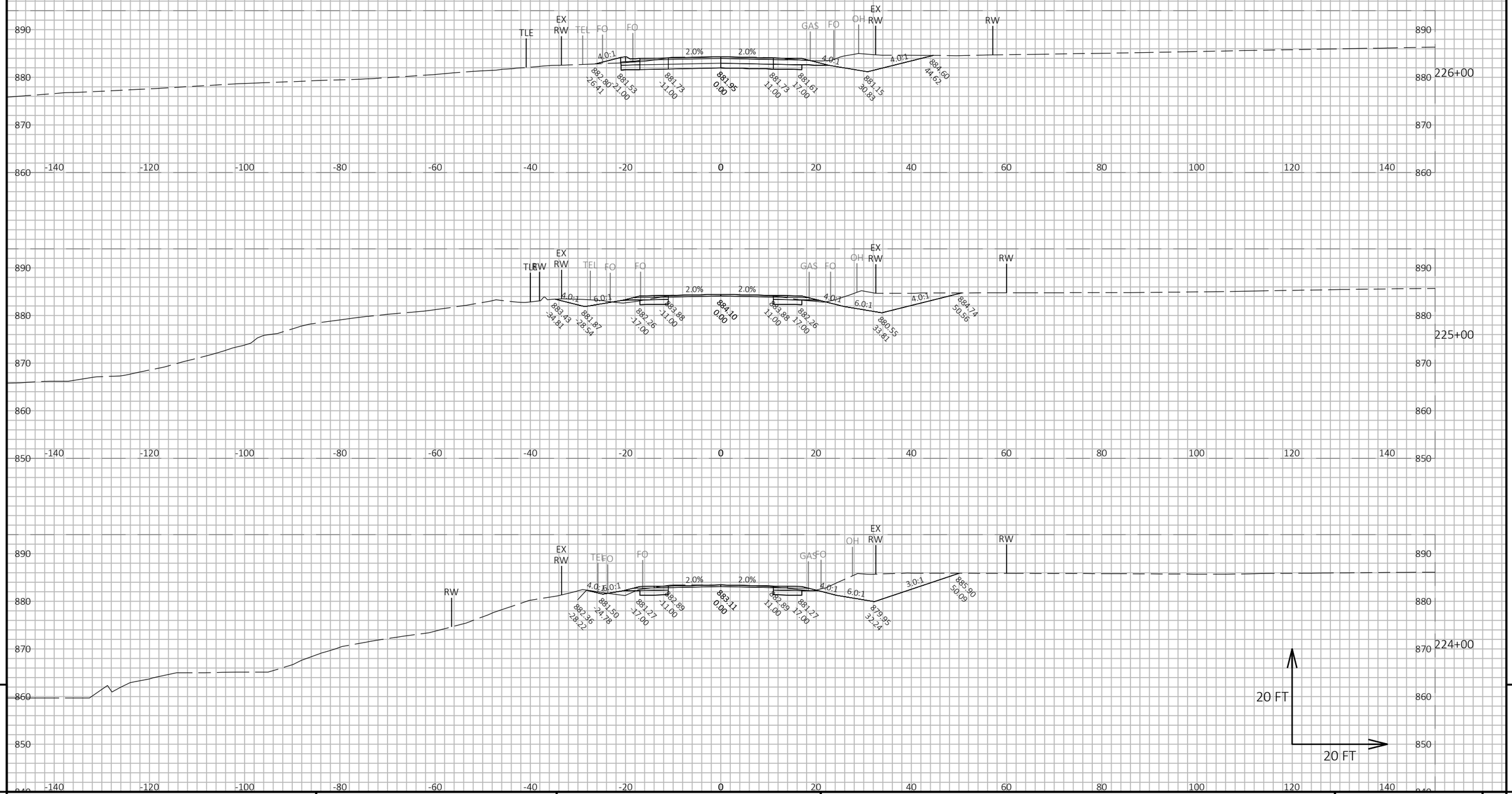
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 542	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_77

PLOT DATE : 7/21/2022 4:22 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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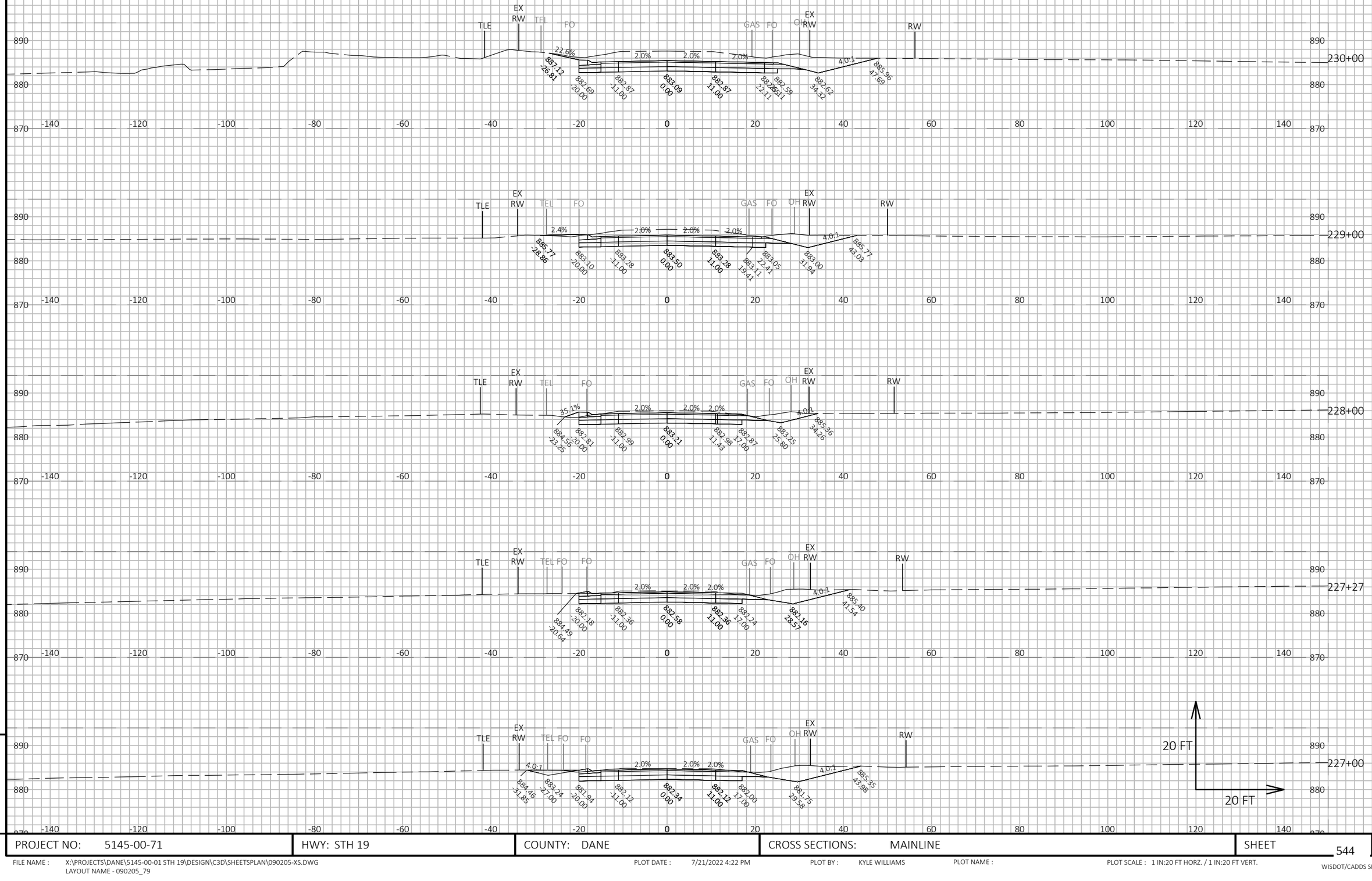
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 543	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_78

PLOT DATE : 7/21/2022 4:22 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

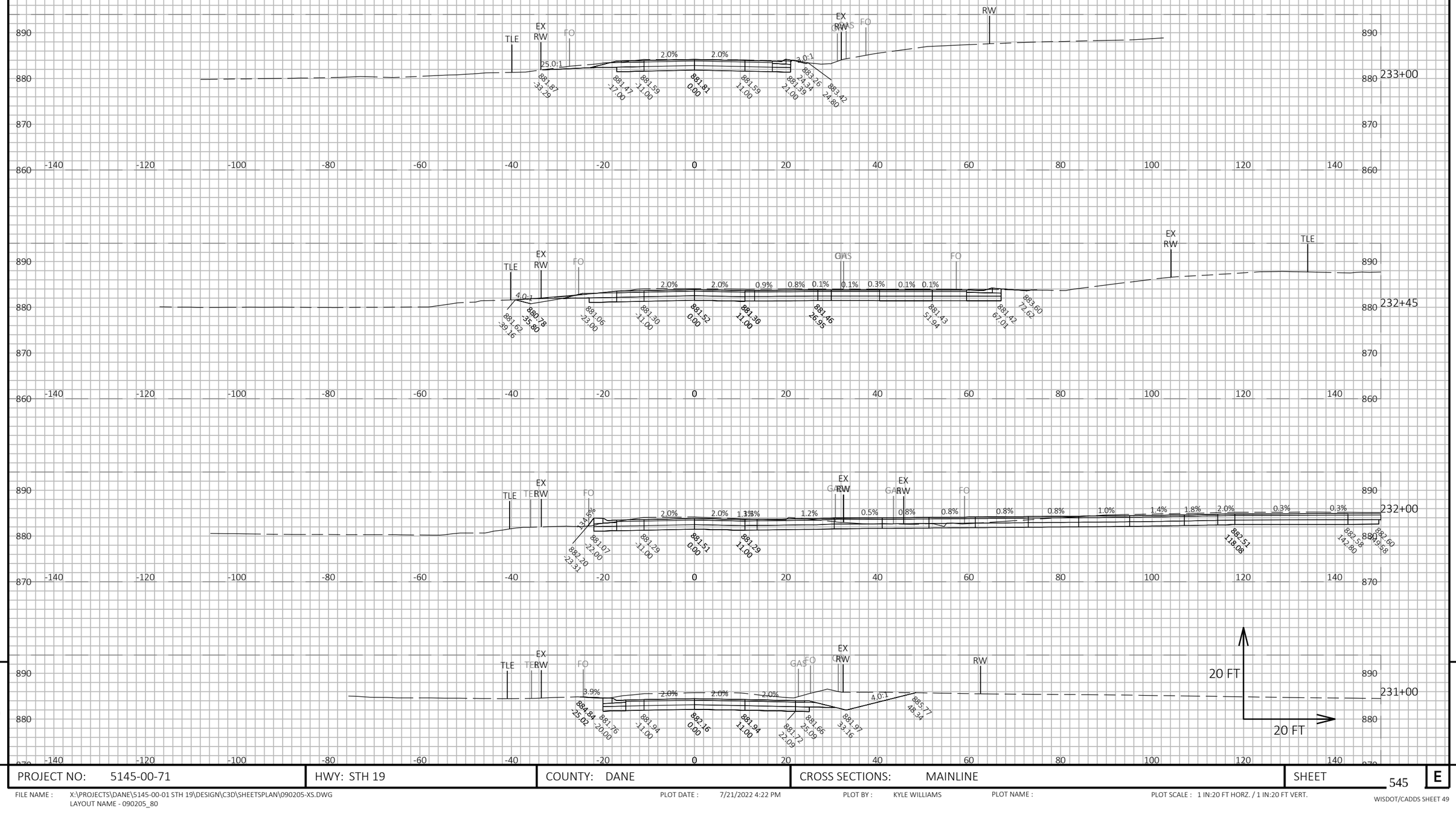
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 544	E

9

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_79

PLOT DATE : 7/21/2022 4:22 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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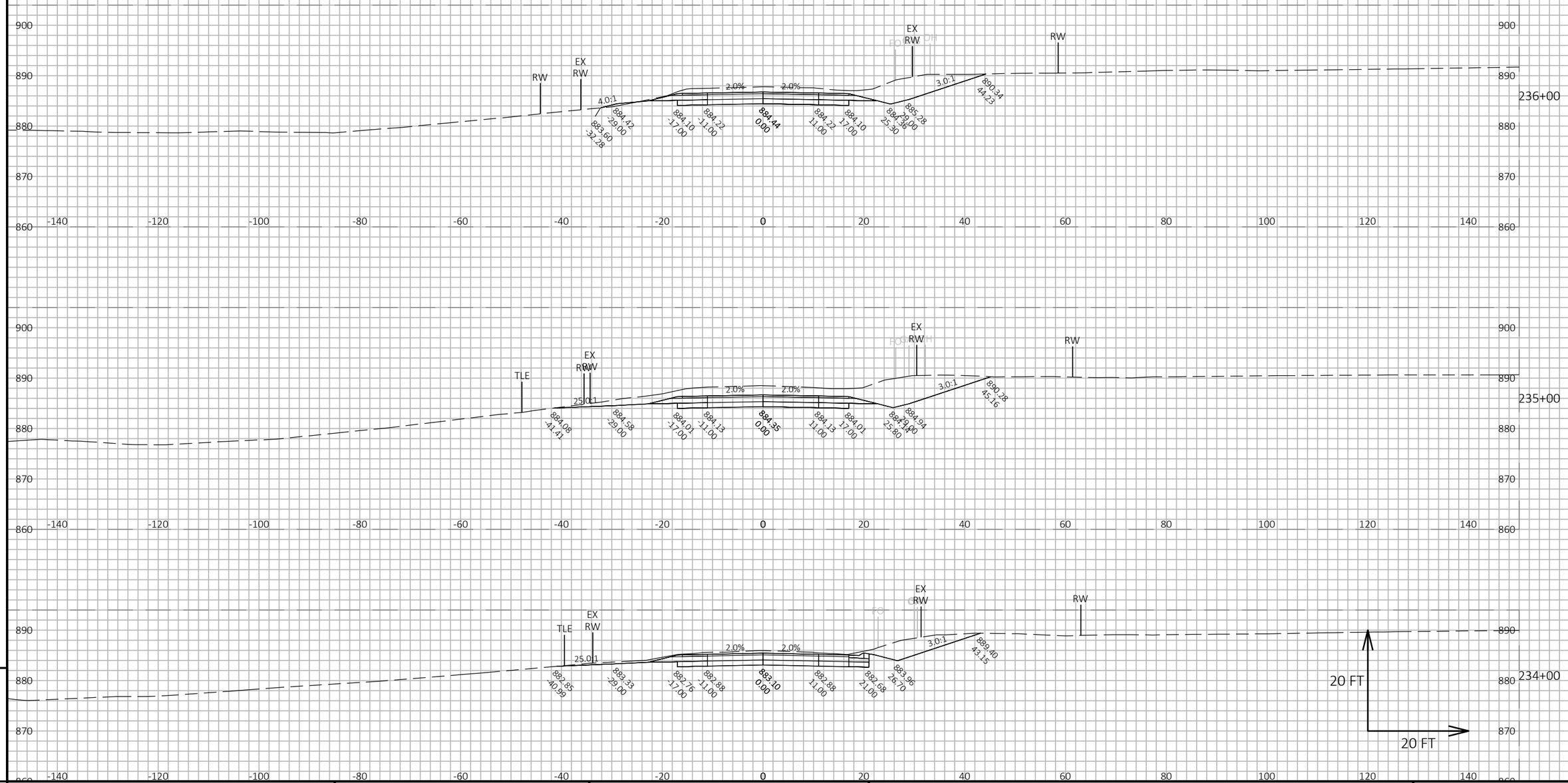
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 545	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_80

PLOT DATE : 7/21/2022 4:22 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

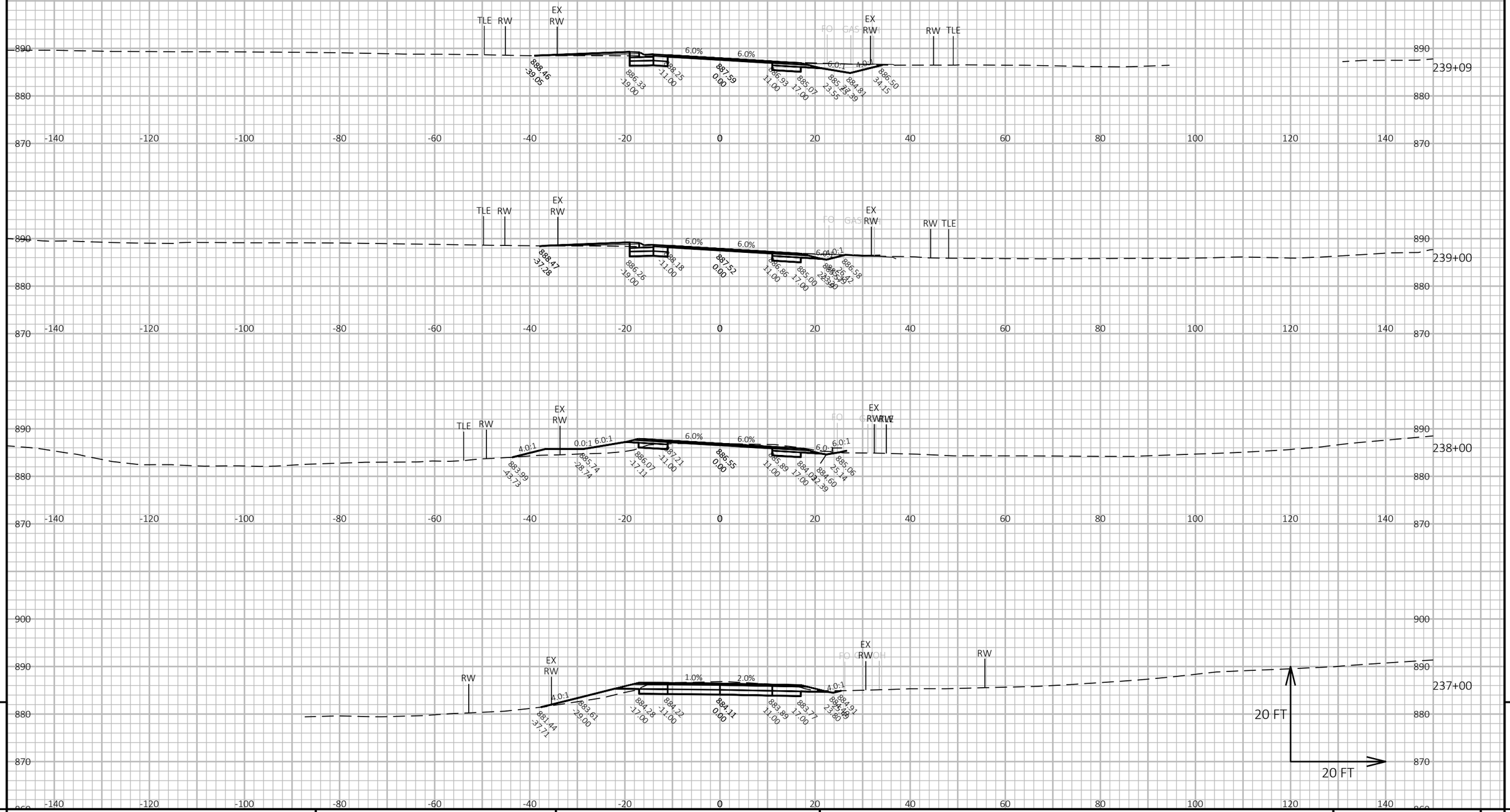


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 546	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_81

PLOT DATE : 12/1/2022 11:24 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 547	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_82

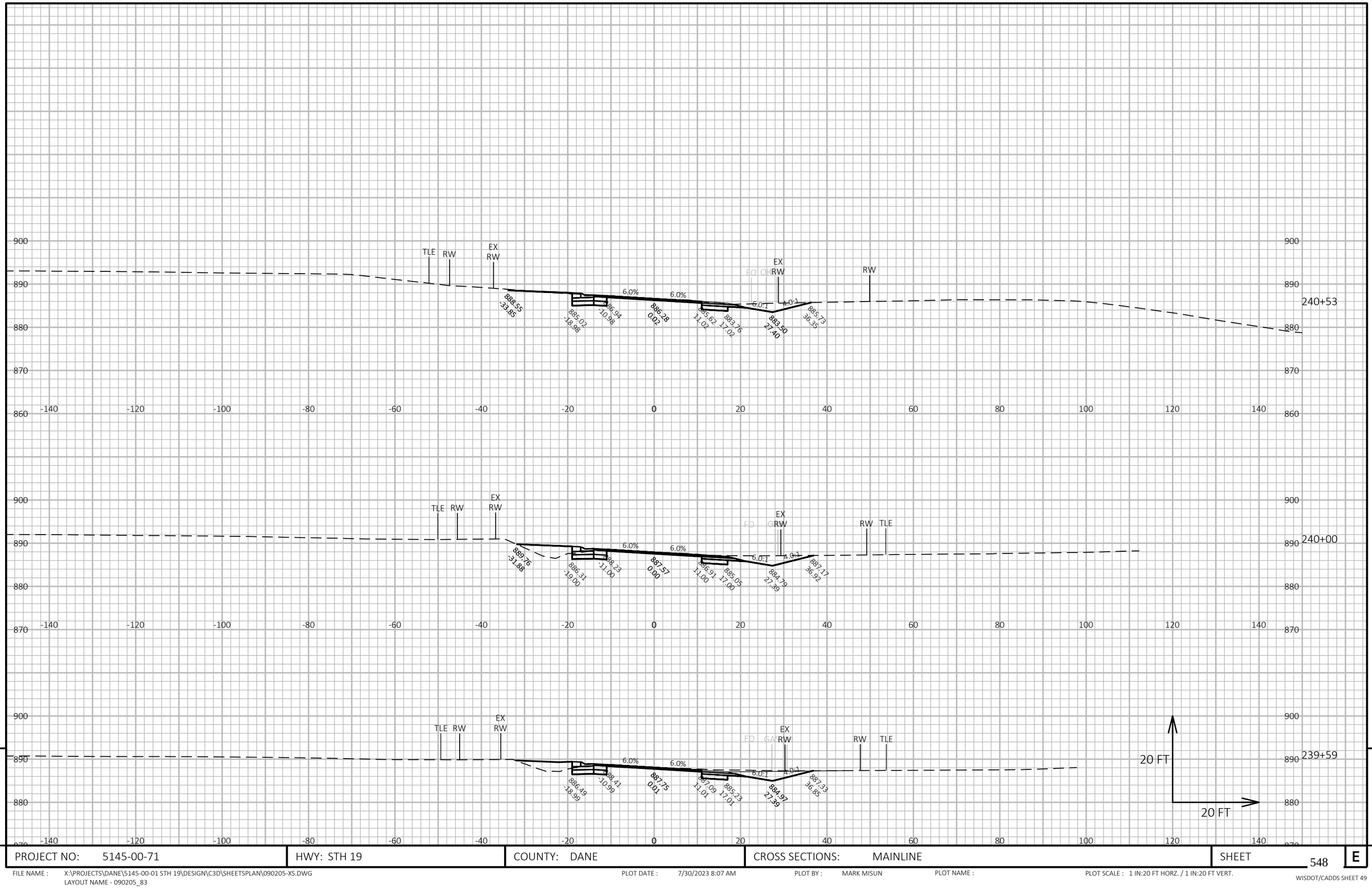
PLOT DATE : 7/30/2023 8:05 AM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 548	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_83

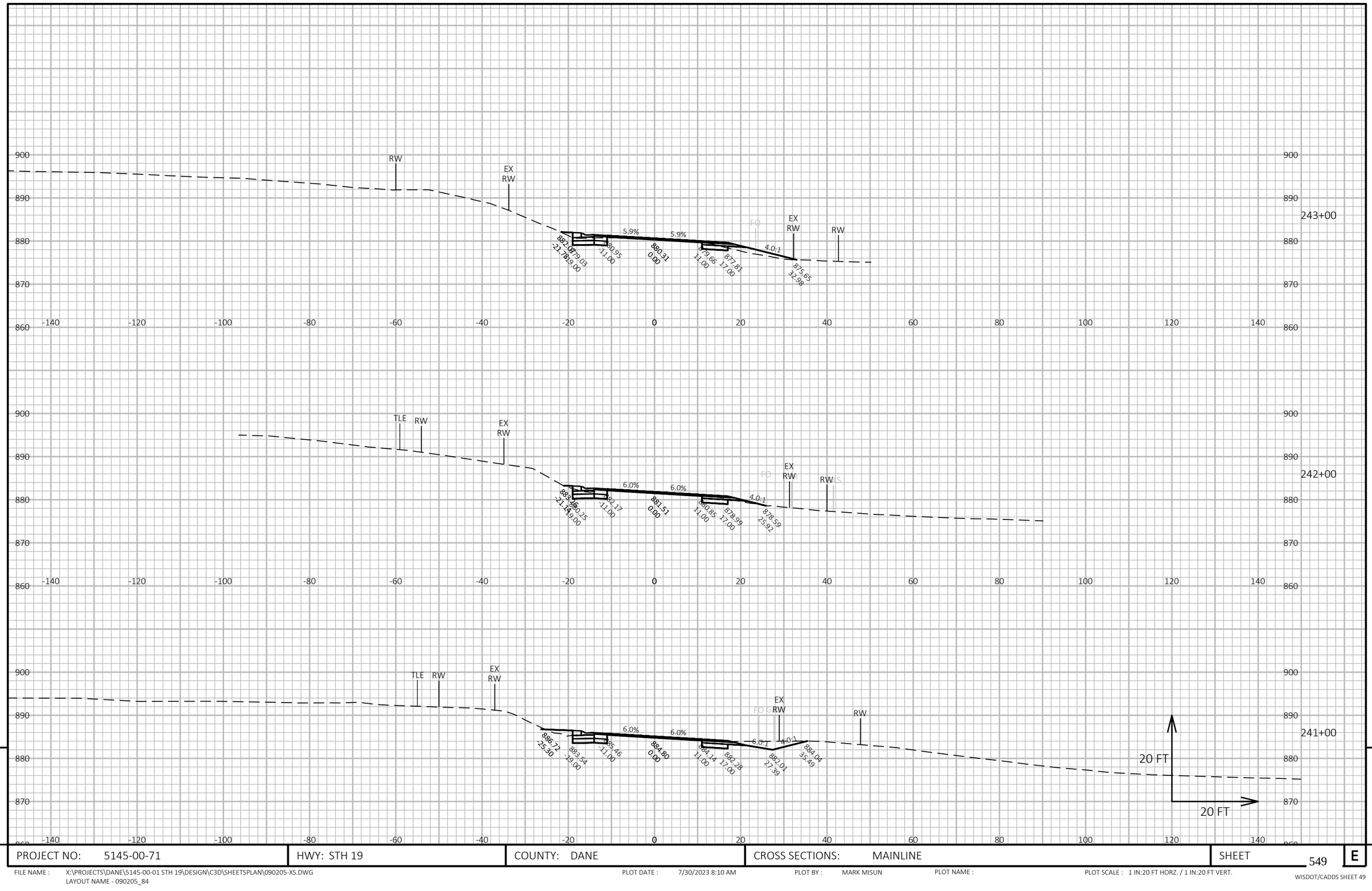
PLOT DATE : 7/30/2023 8:07 AM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

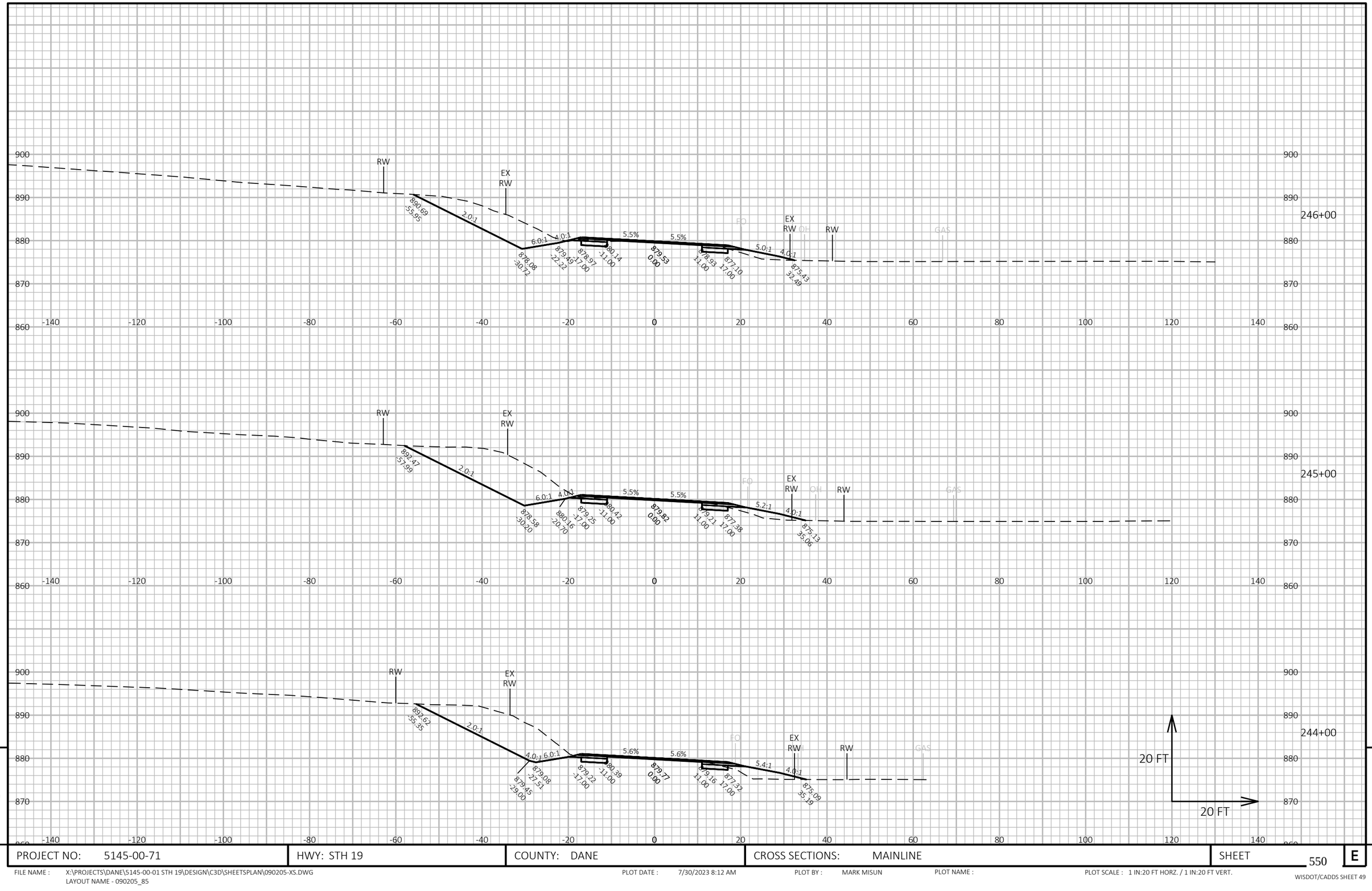


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 549 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_84

PLOT DATE : 7/30/2023 8:10 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

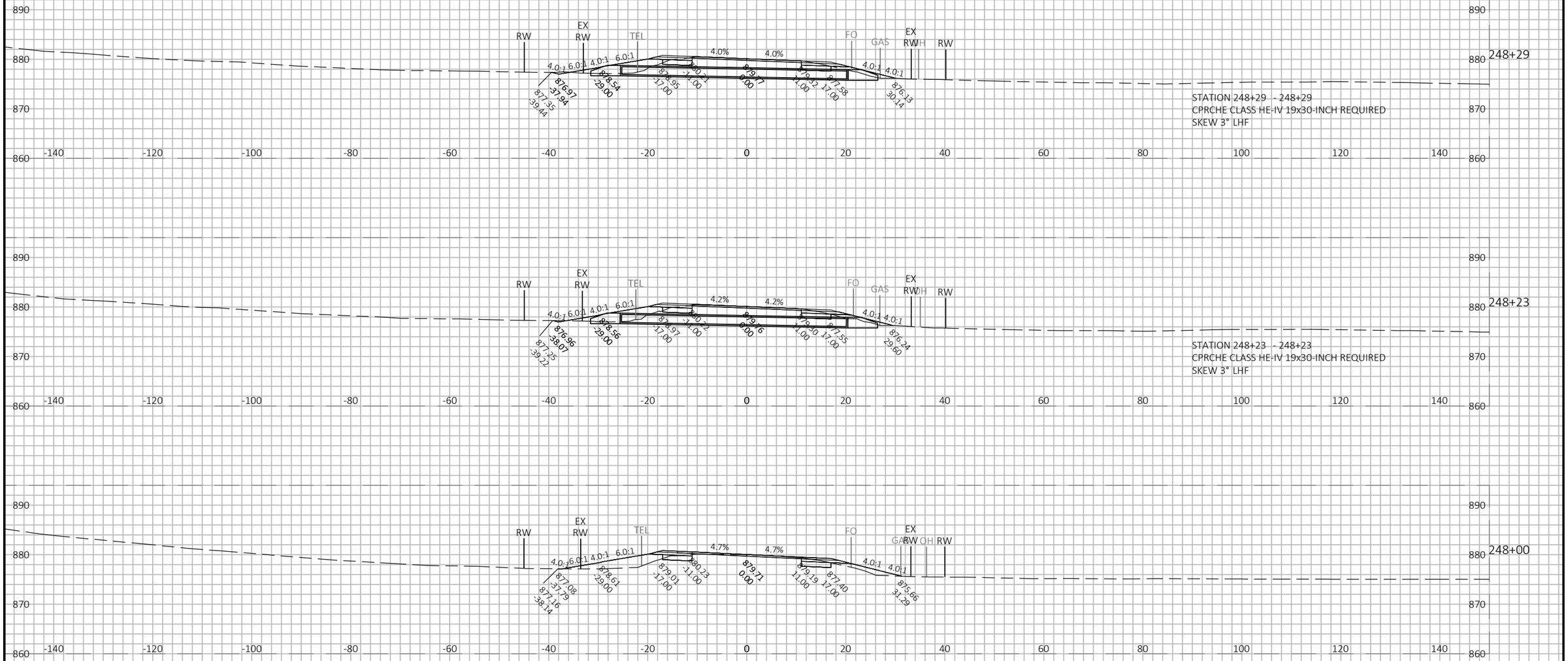


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 550	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_85

PLOT DATE : 7/30/2023 8:12 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 551	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_86

PLOT DATE : 7/21/2022 4:23 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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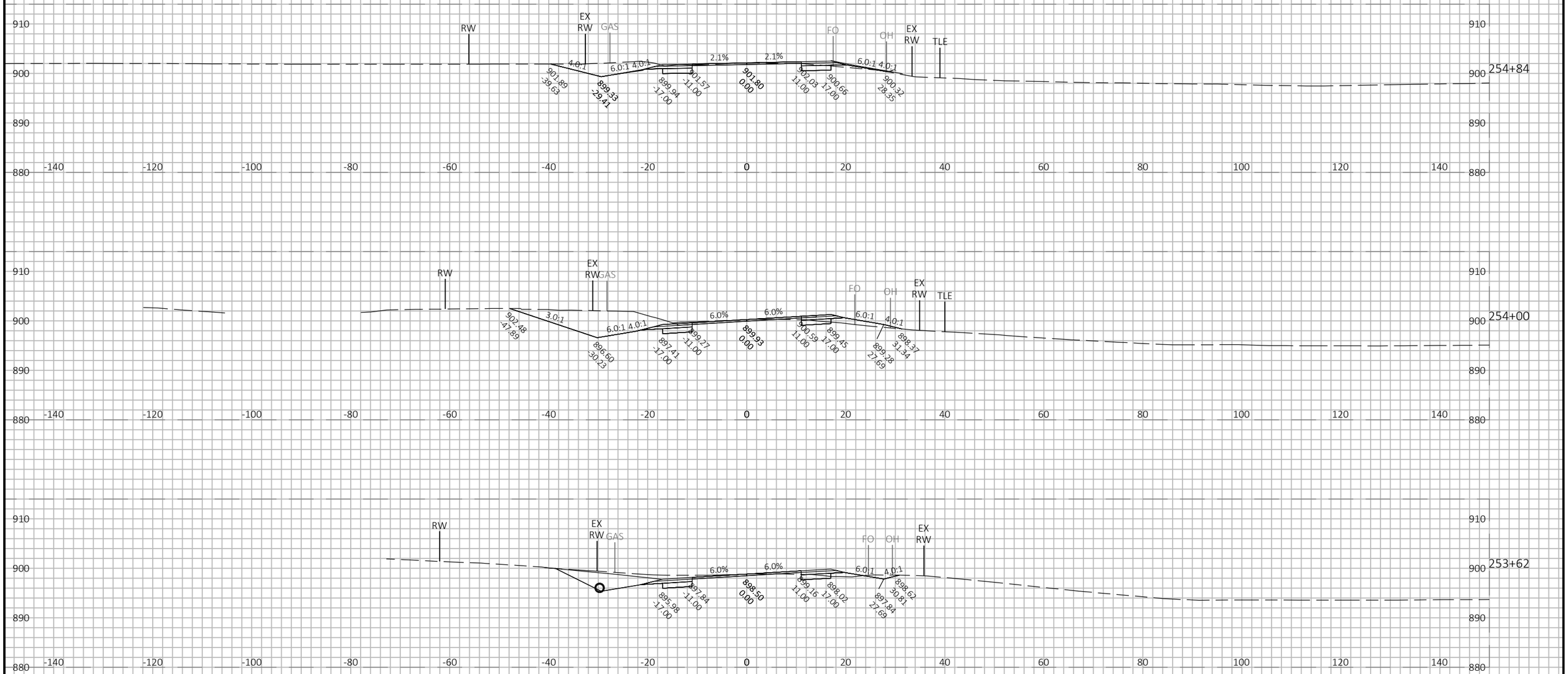
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 552	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_87

PLOT DATE : 7/21/2022 4:23 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

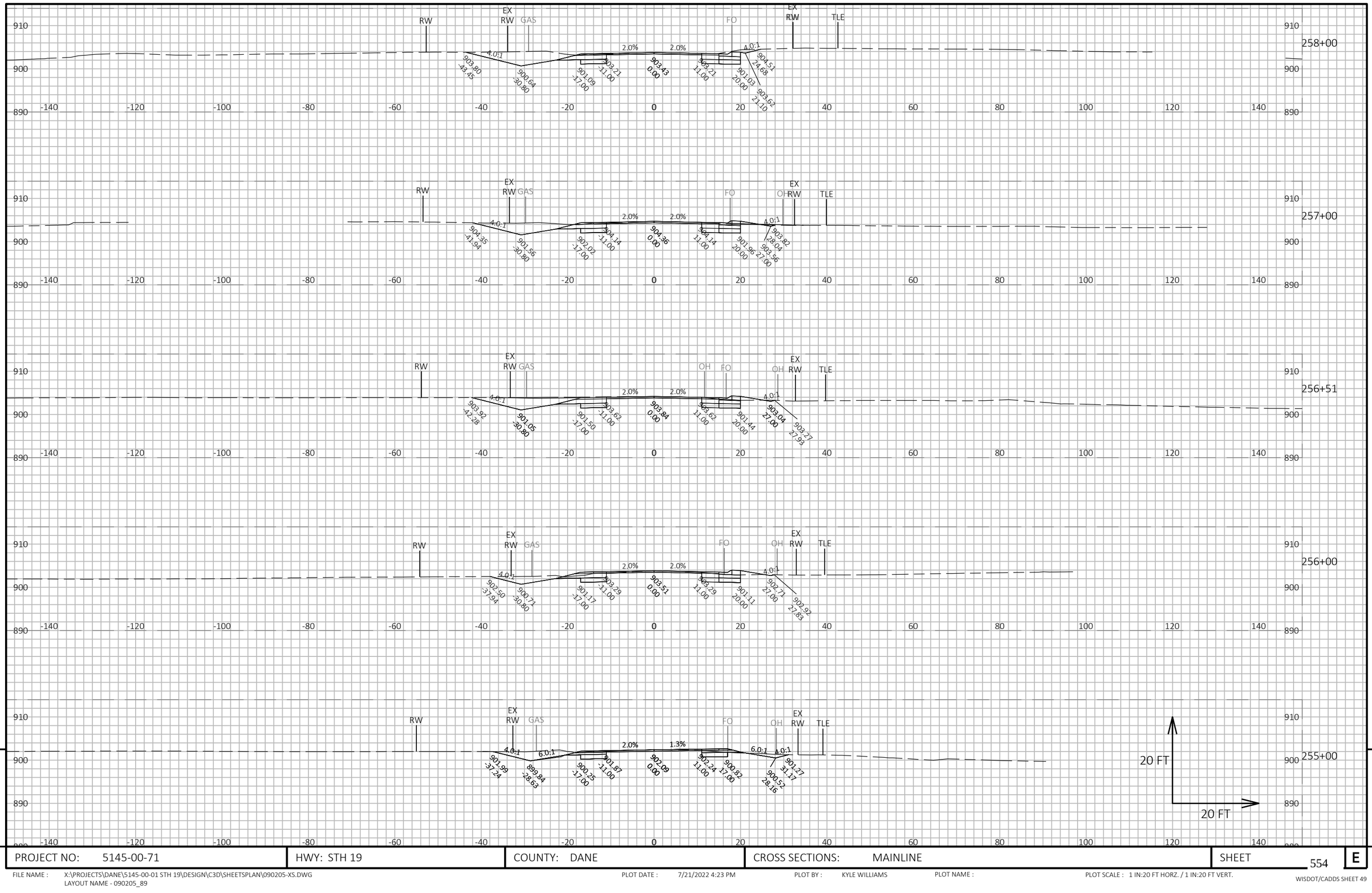
WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 553	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_88

PLOT DATE : 7/21/2022 4:23 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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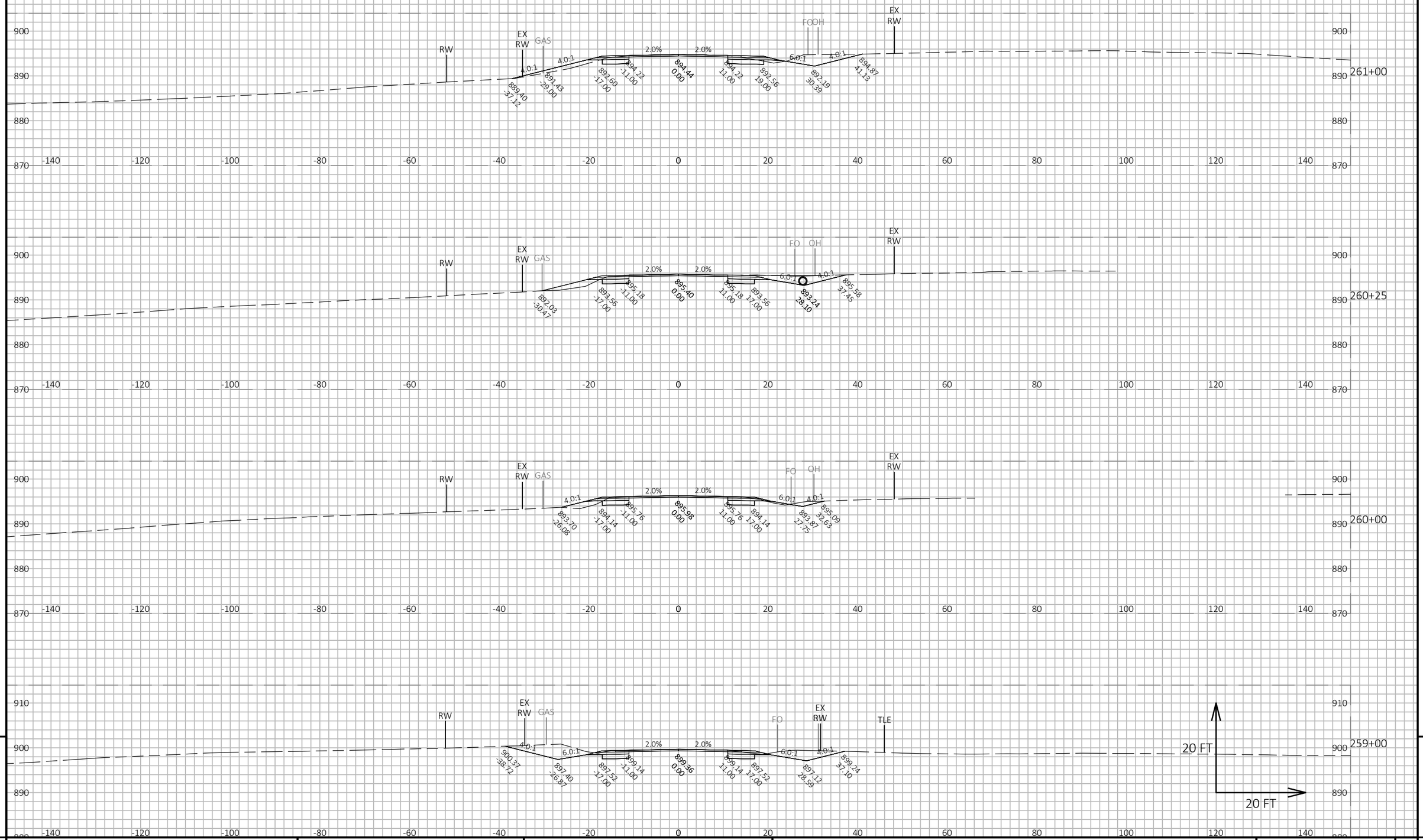
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 554	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_89

PLOT DATE : 7/21/2022 4:23 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

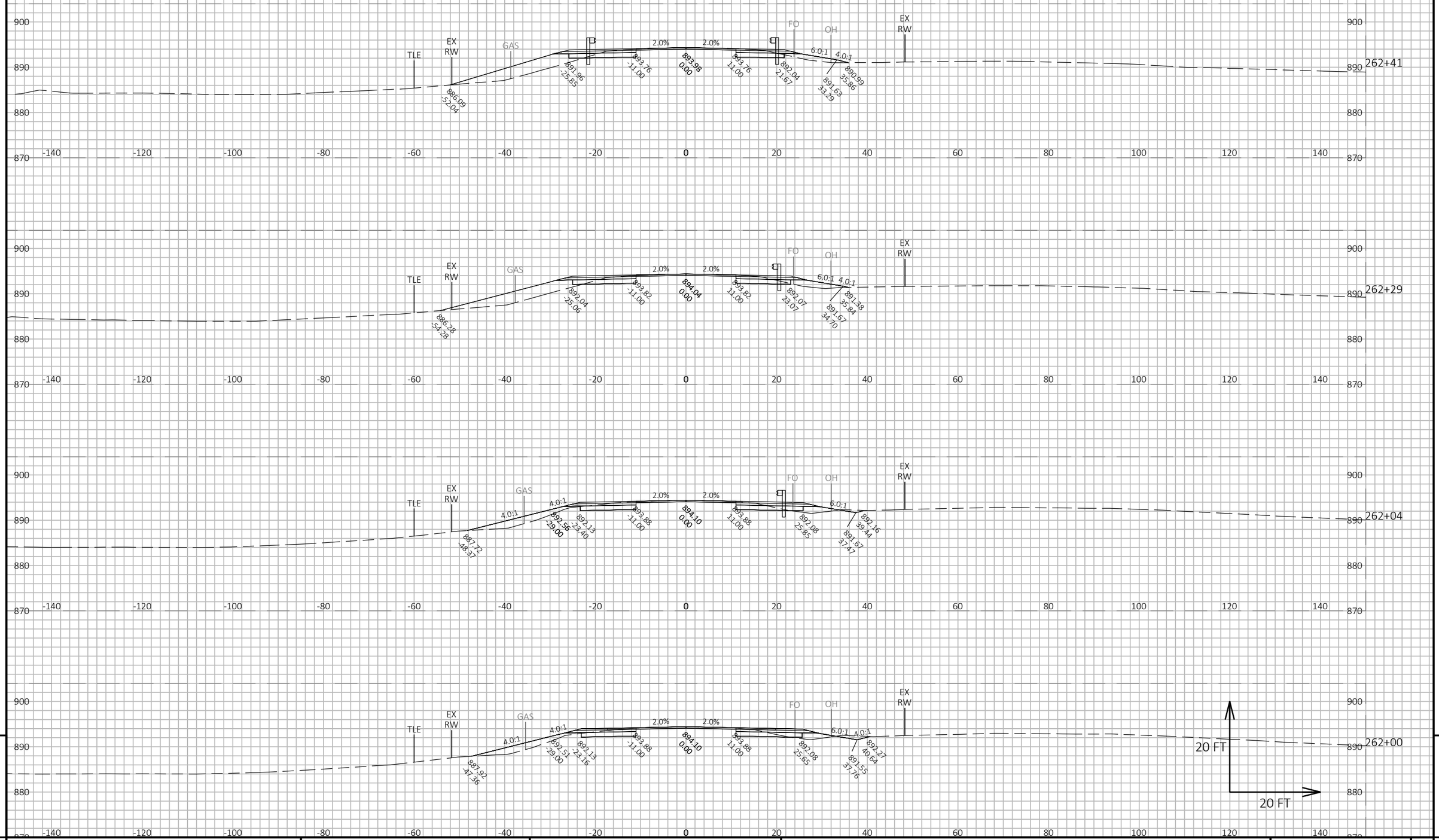
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 555	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_90

PLOT DATE : 7/21/2022 4:23 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

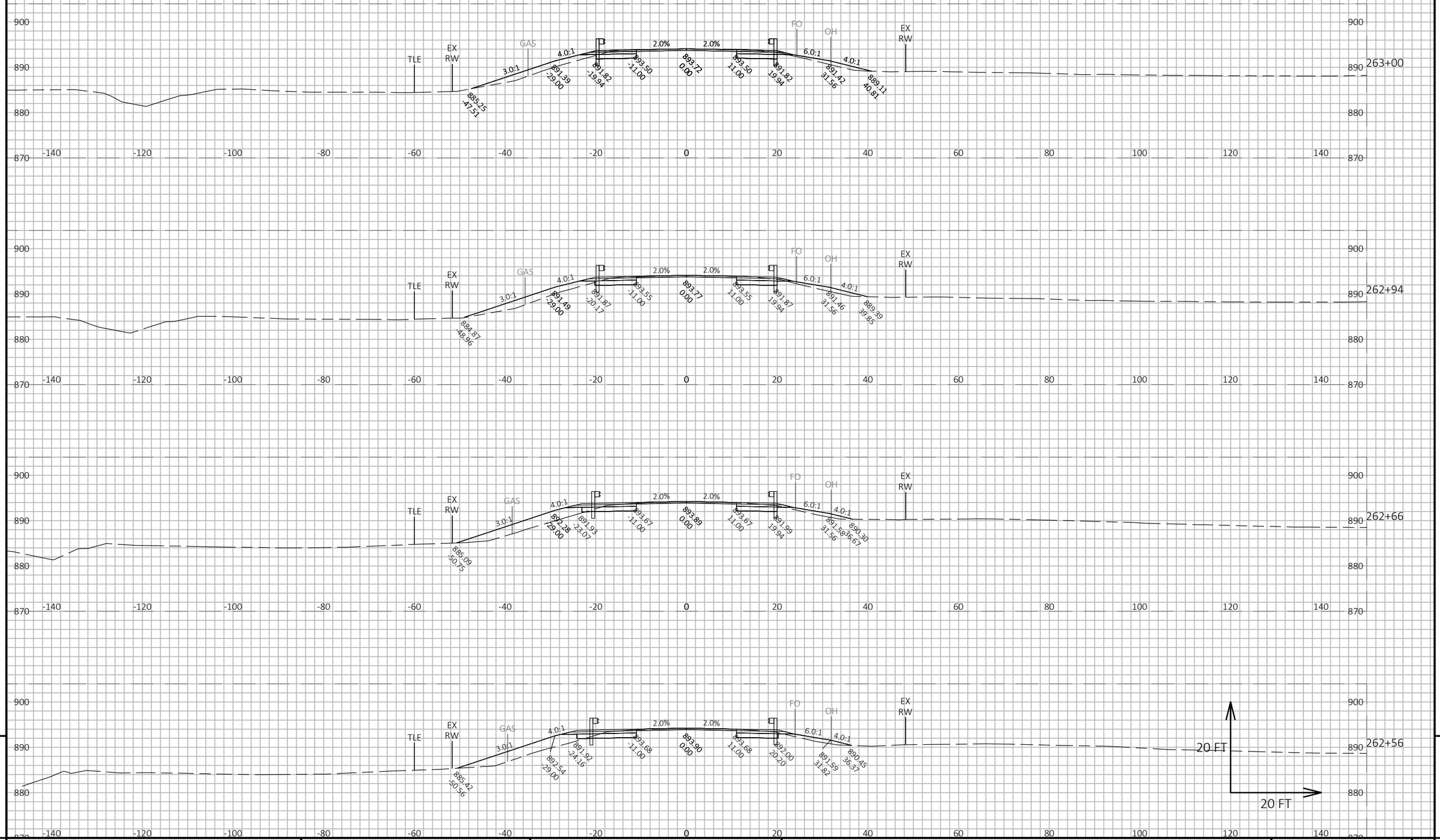


9 9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 556	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_91

PLOT DATE : 7/21/2022 4:23 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



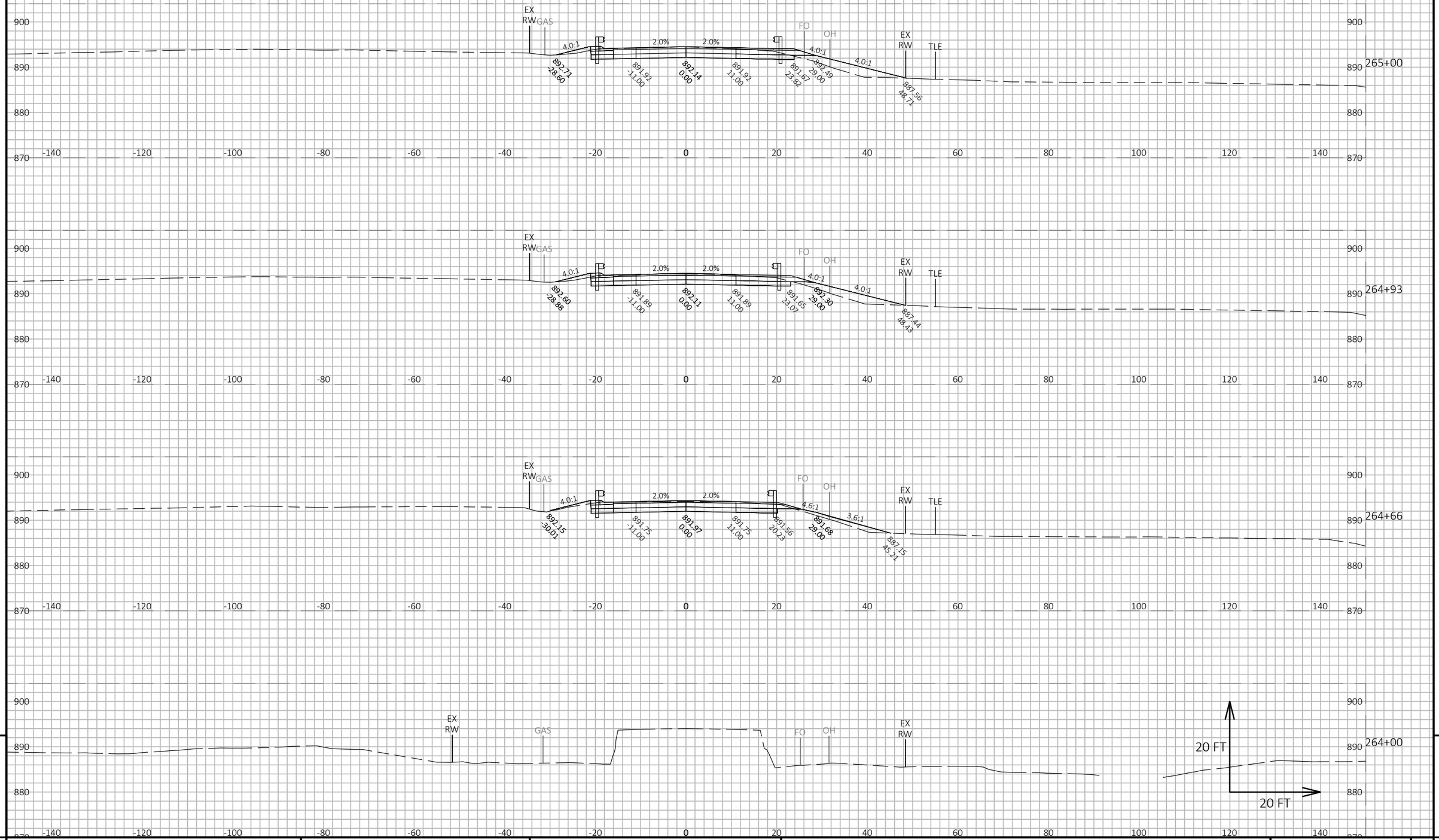
9

9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 557	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_92

PLOT DATE : 7/21/2022 4:23 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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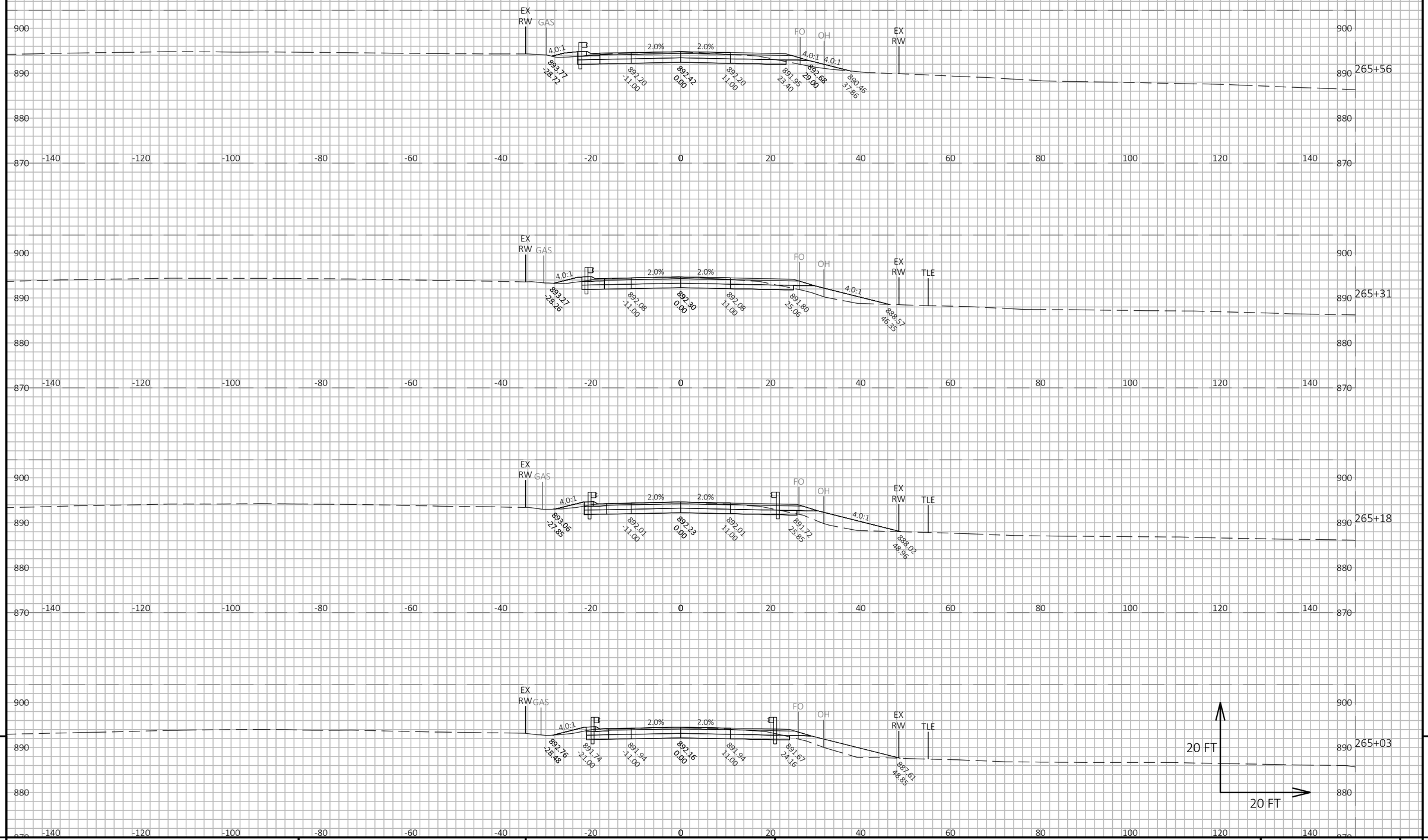
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 558	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_93

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



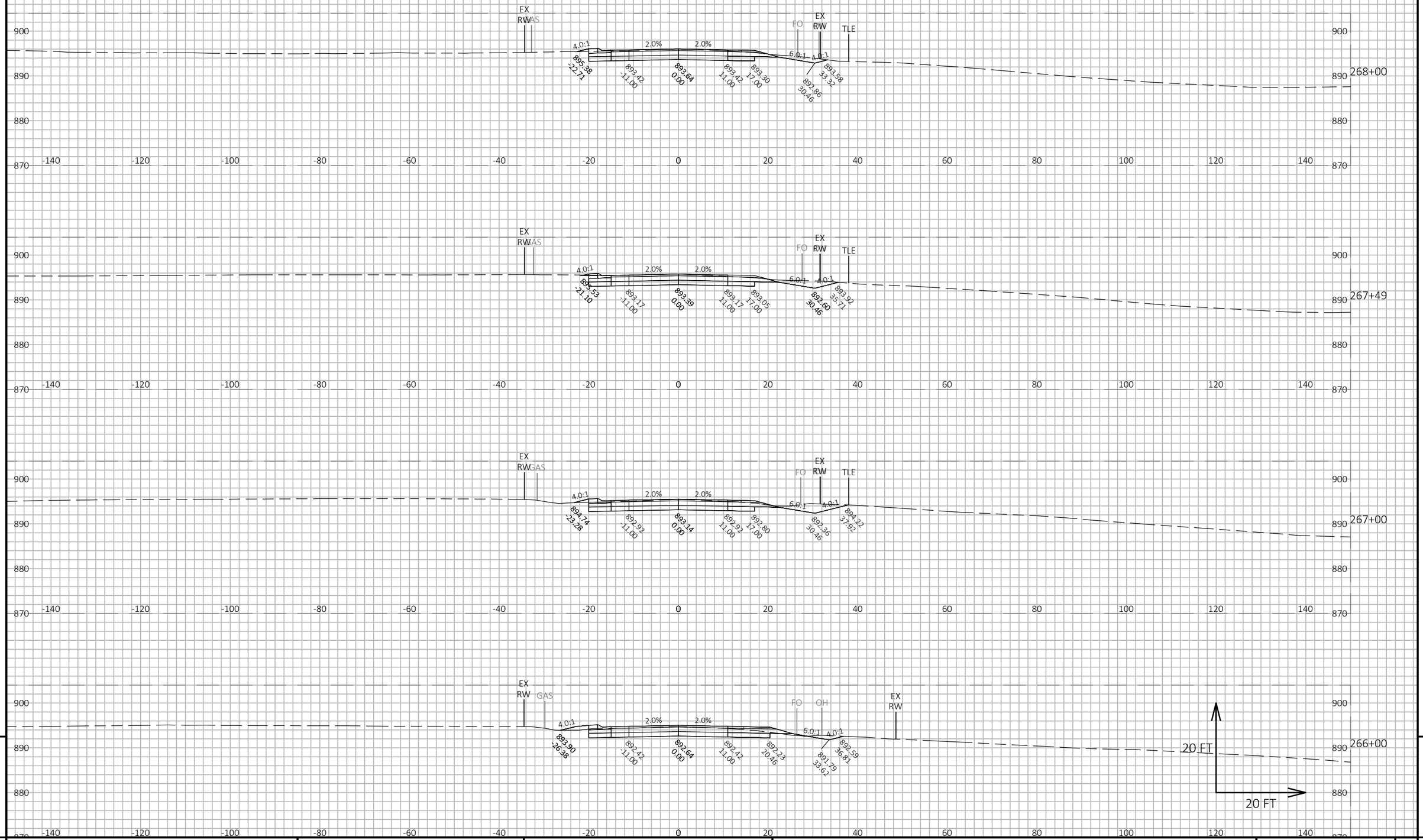
9

9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 559	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_94

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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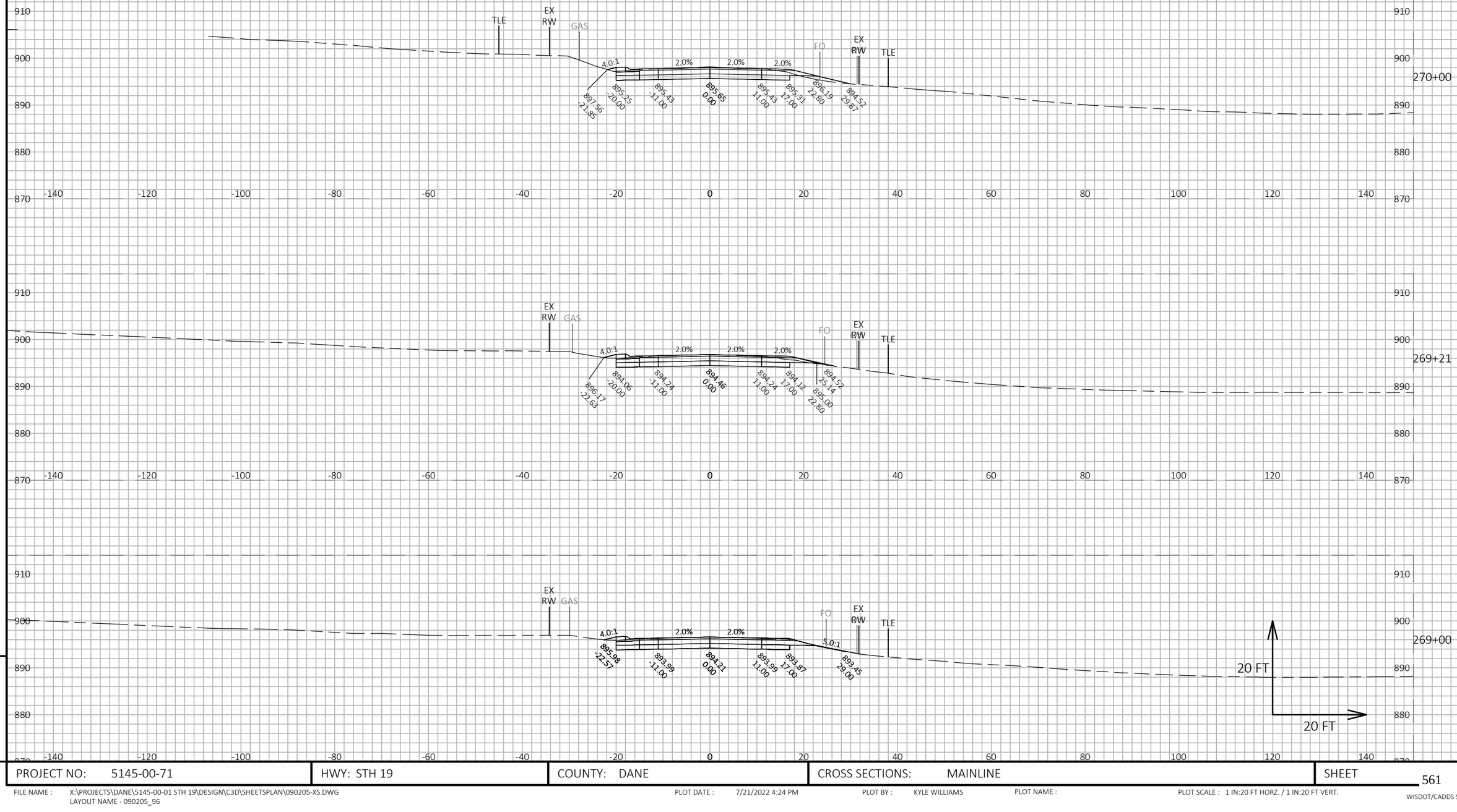
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 560	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_95

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 561	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_96

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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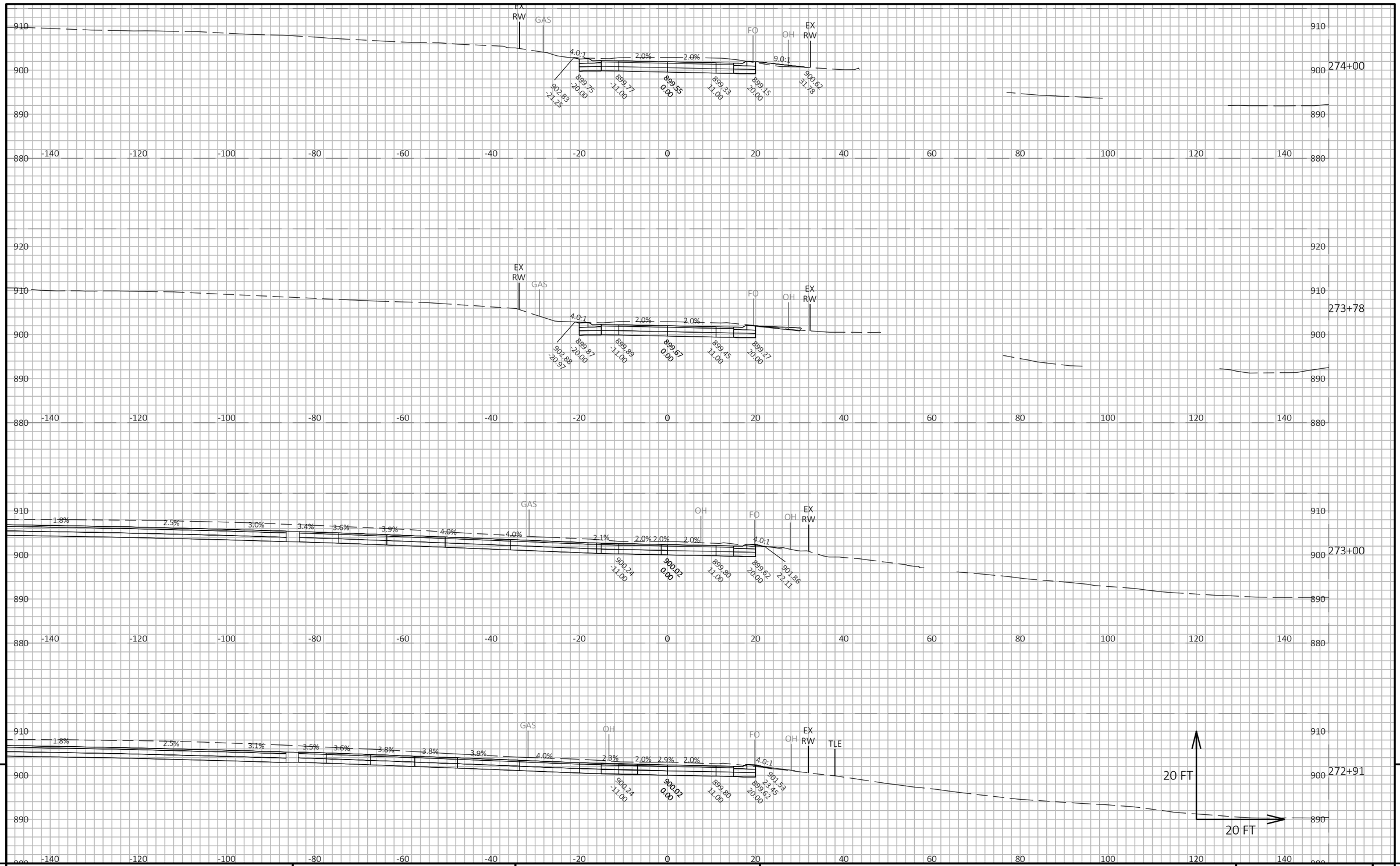
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 562	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_97

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 563	E

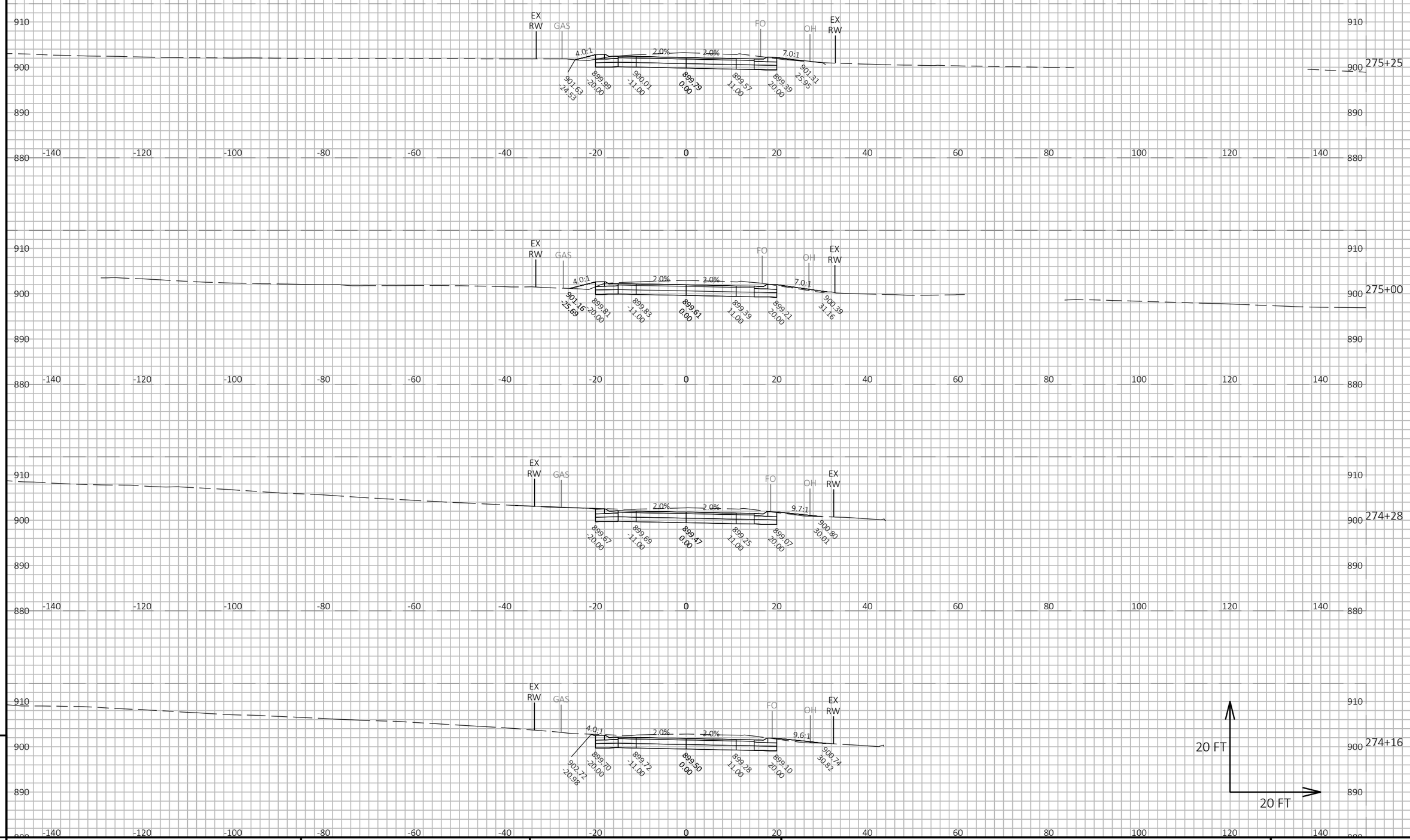
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_98

PLOT DATE : 7/21/2022 4:24 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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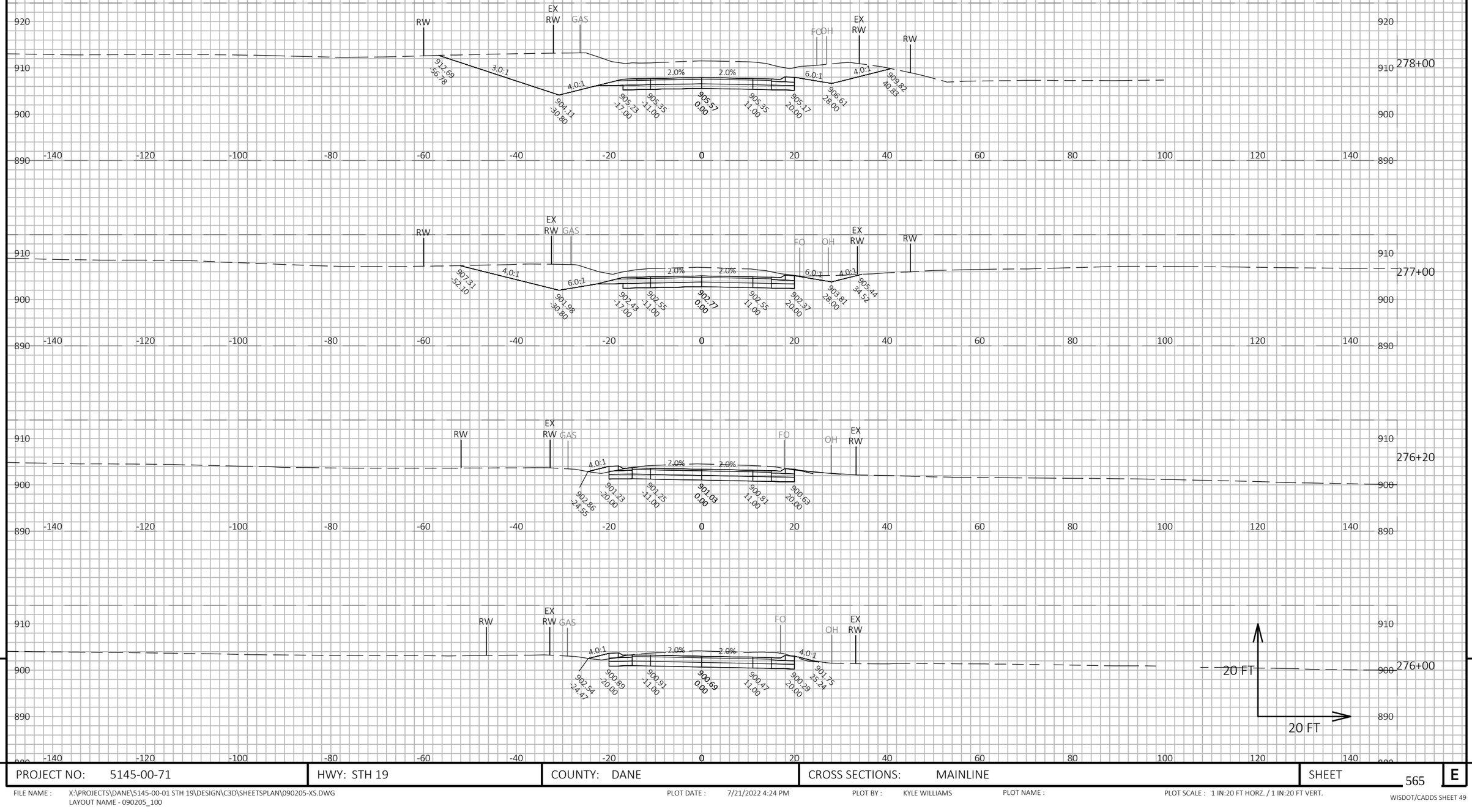
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 564	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_99

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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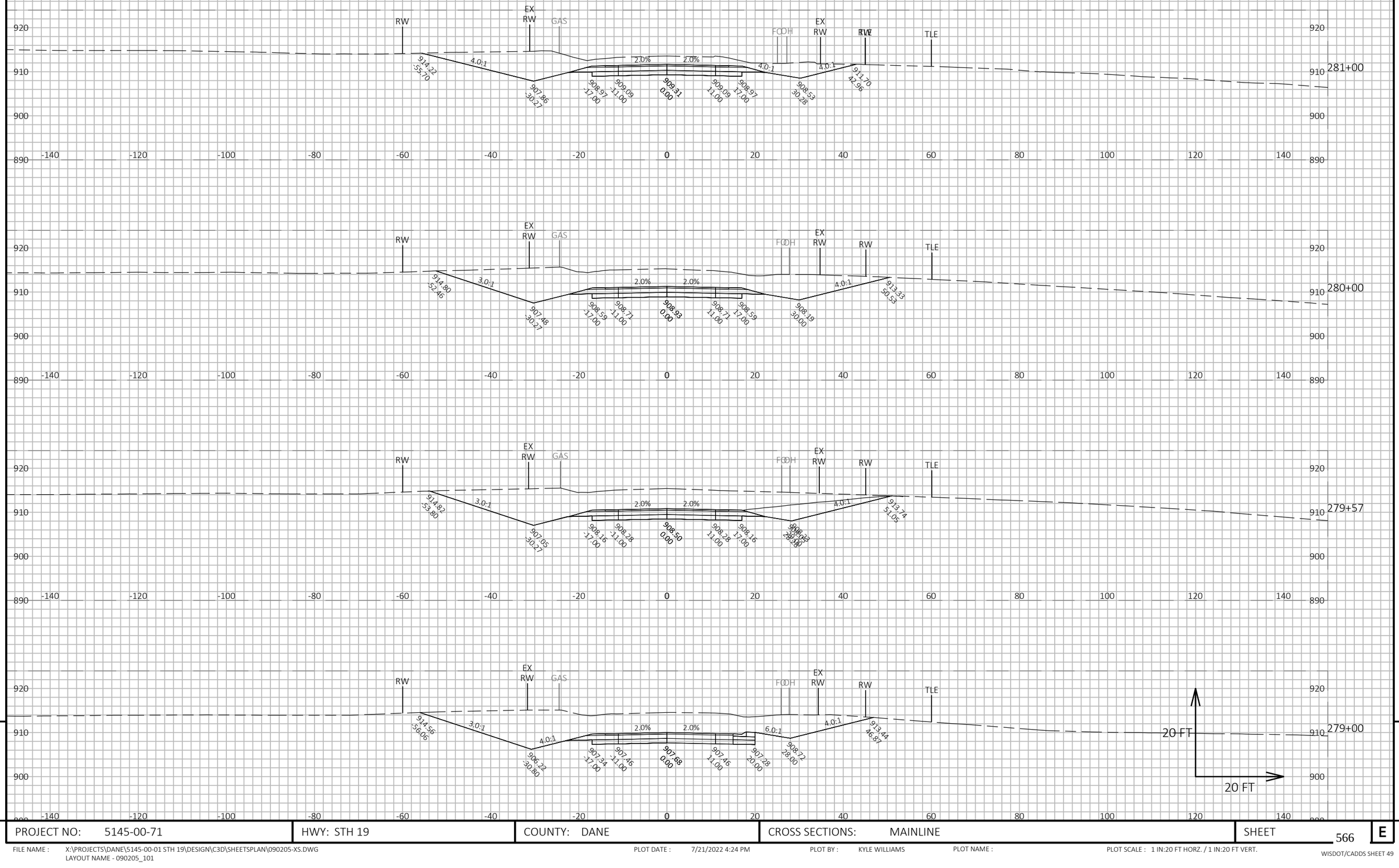
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 565	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_100

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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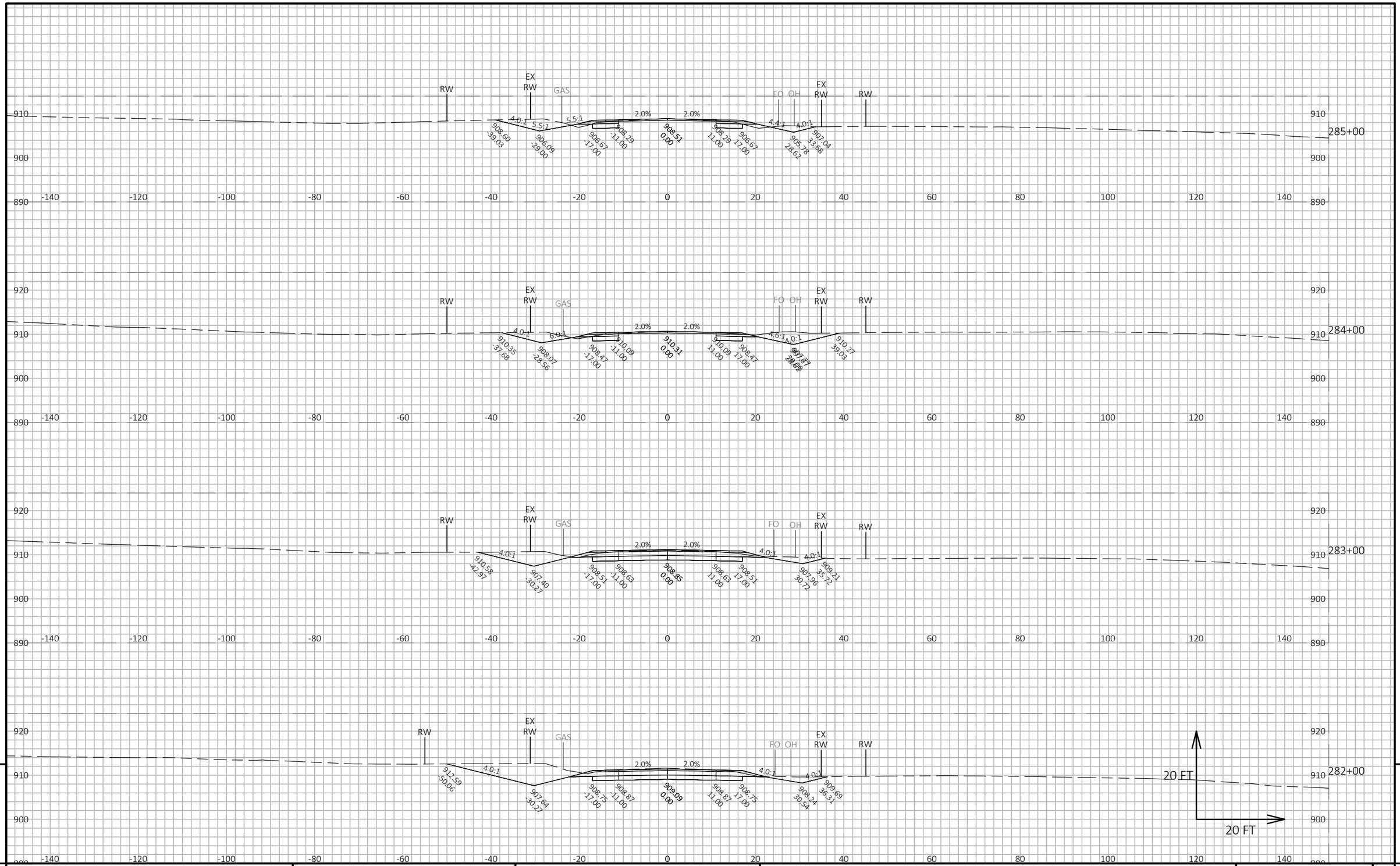
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 566	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_101

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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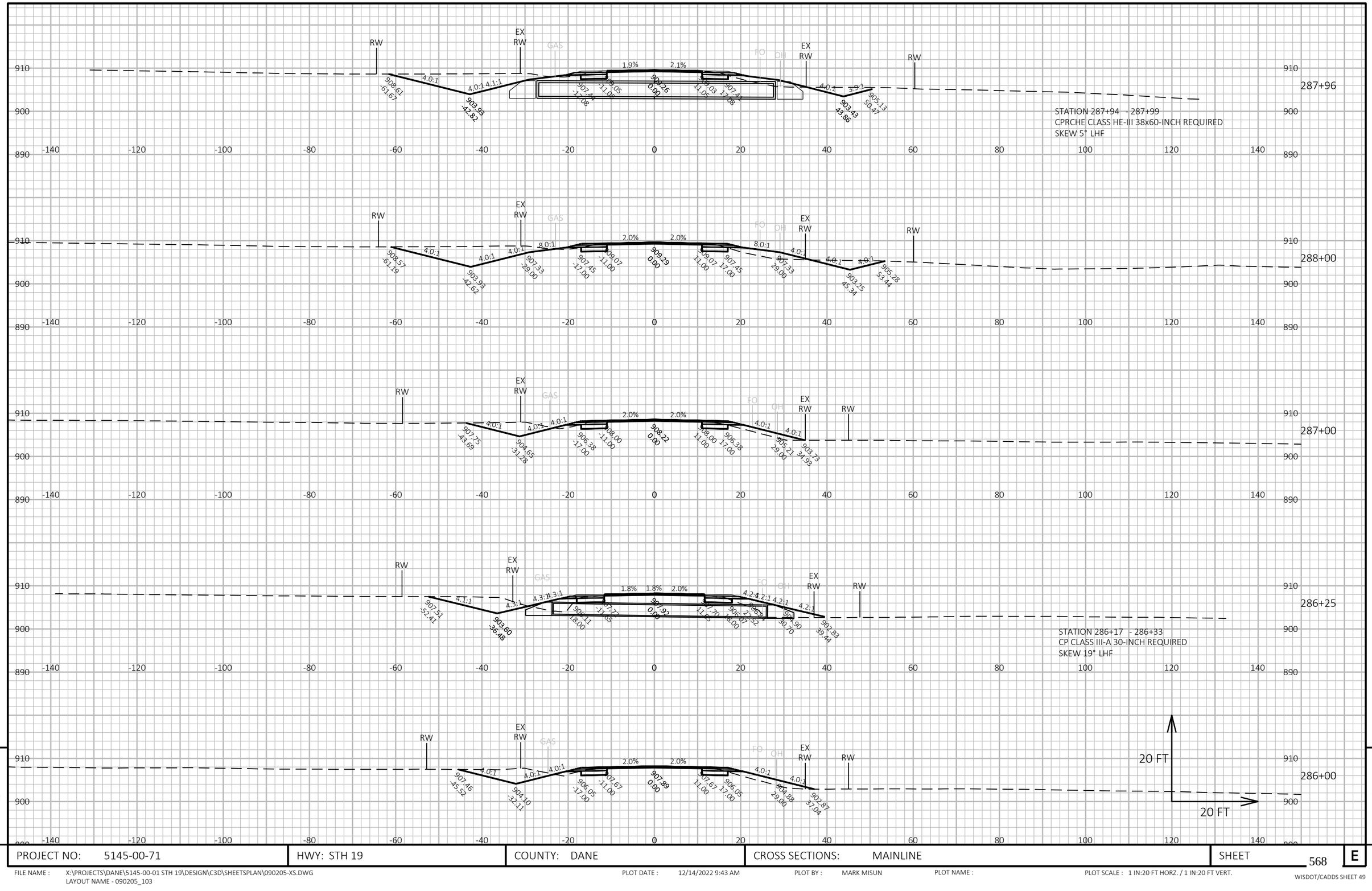
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 567	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_102

PLOT DATE : 7/21/2022 4:24 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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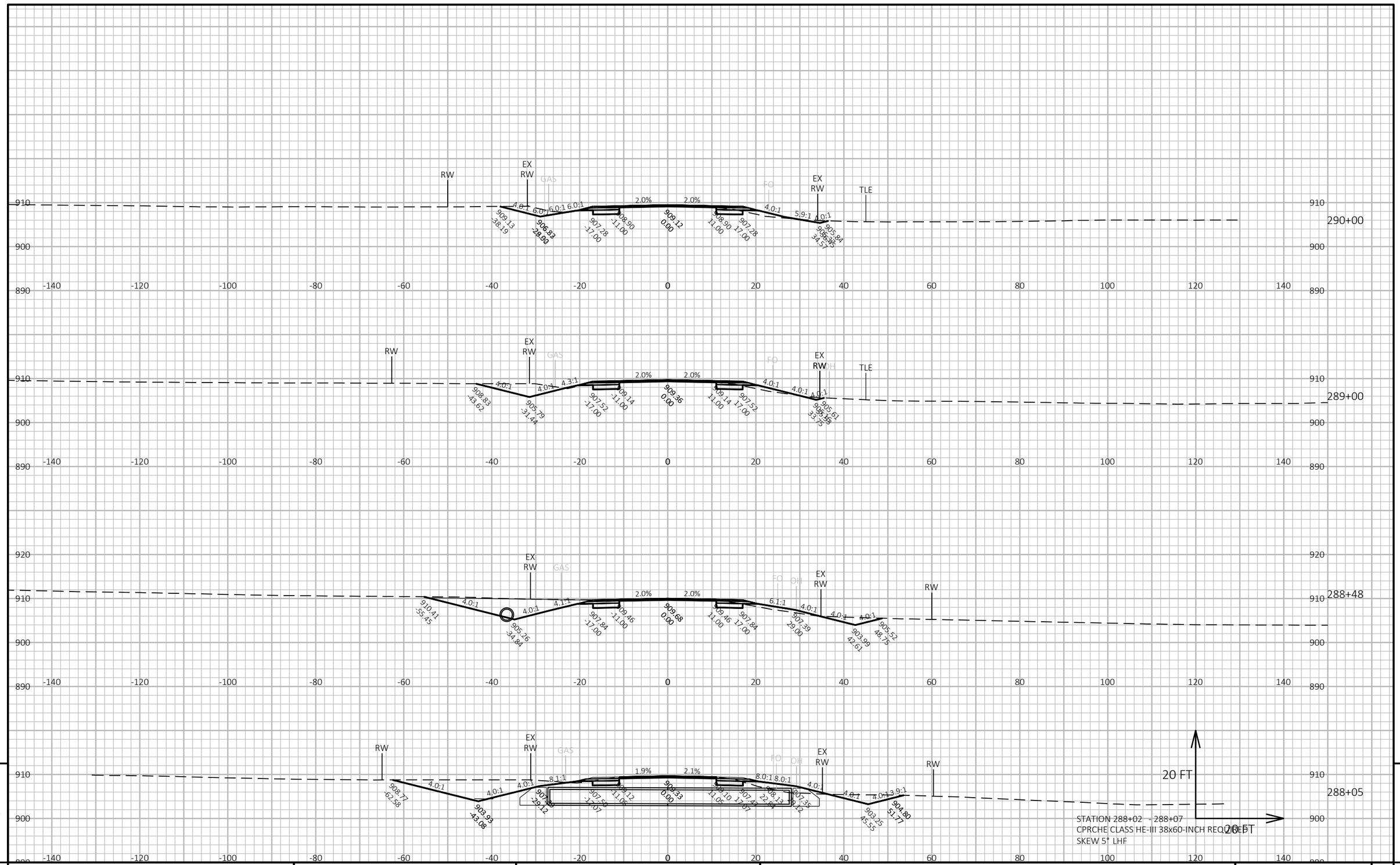
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 568	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_103

PLOT DATE : 12/14/2022 9:43 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

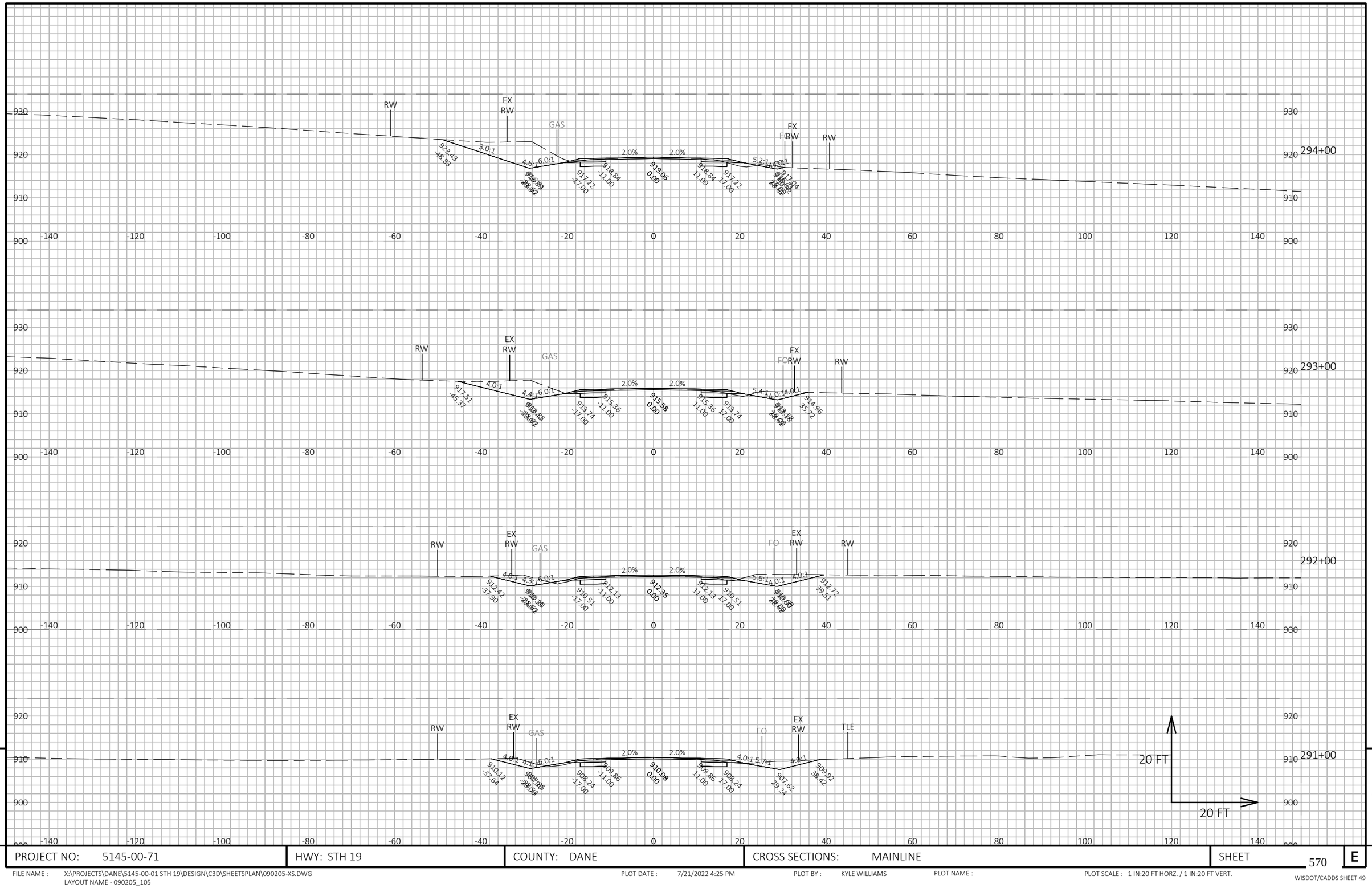


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 569 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_104

PLOT DATE : 12/14/2022 9:49 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

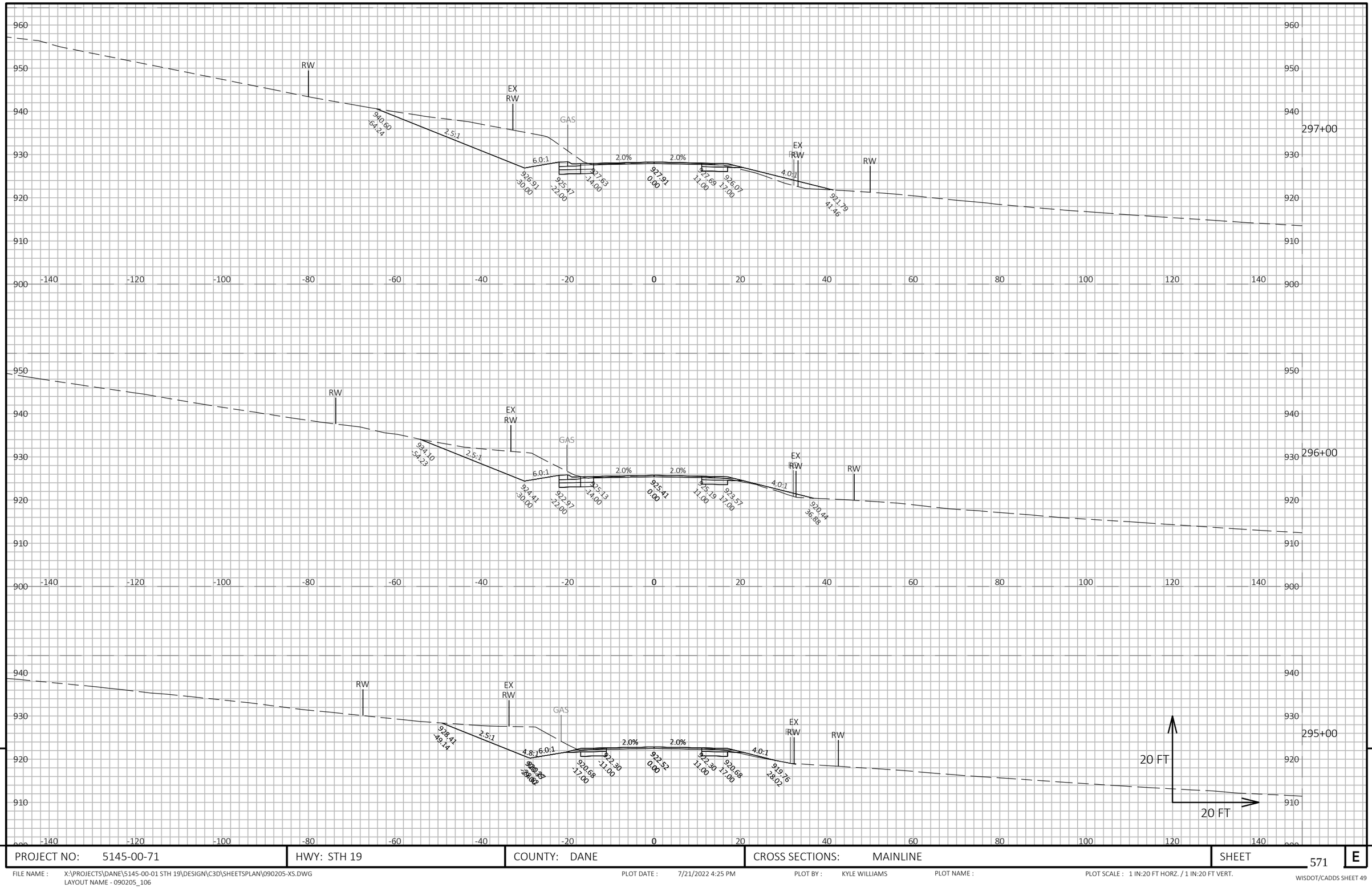


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 570 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_105

PLOT DATE : 7/21/2022 4:25 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

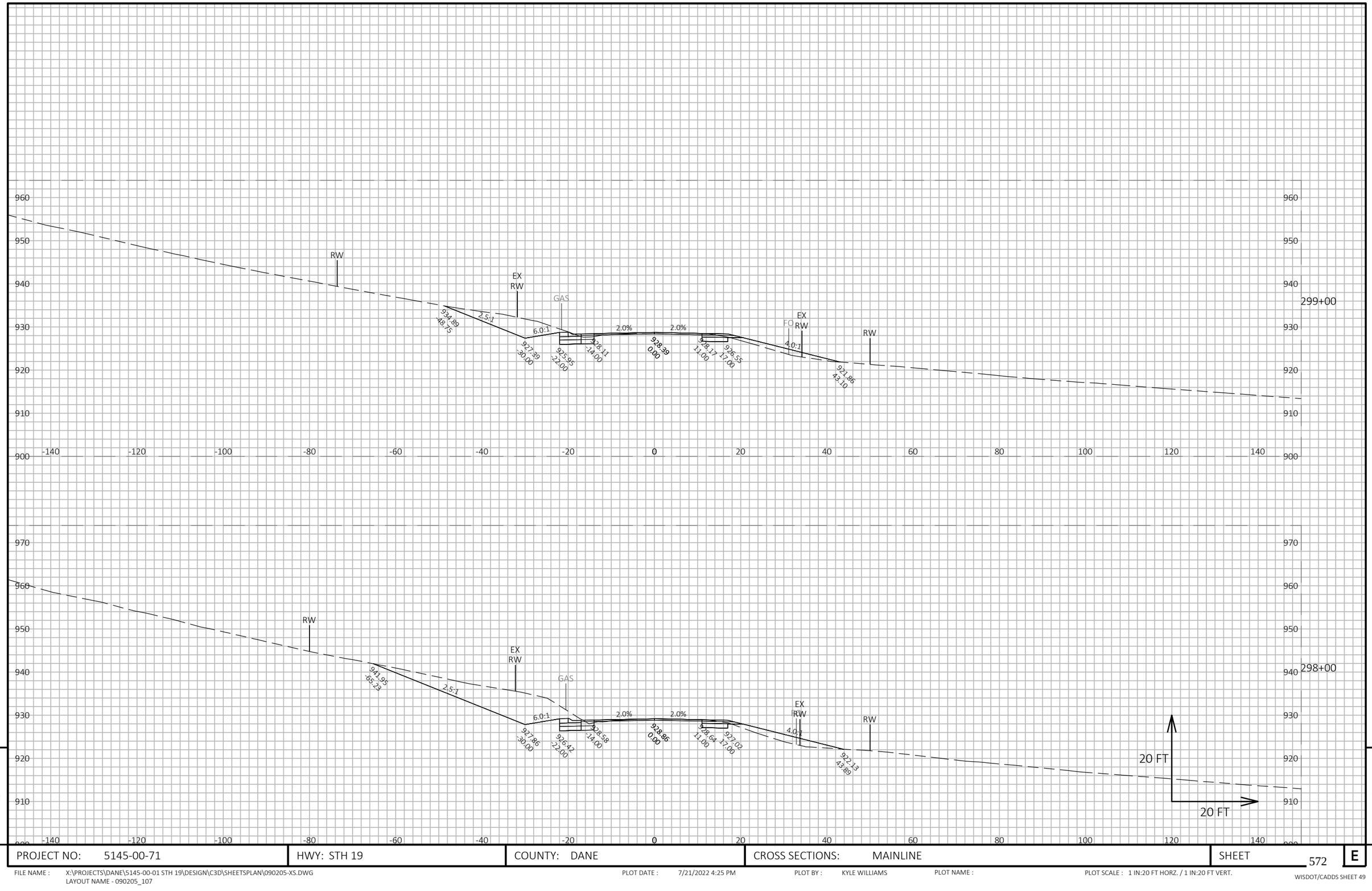


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 571	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_106

PLOT DATE : 7/21/2022 4:25 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

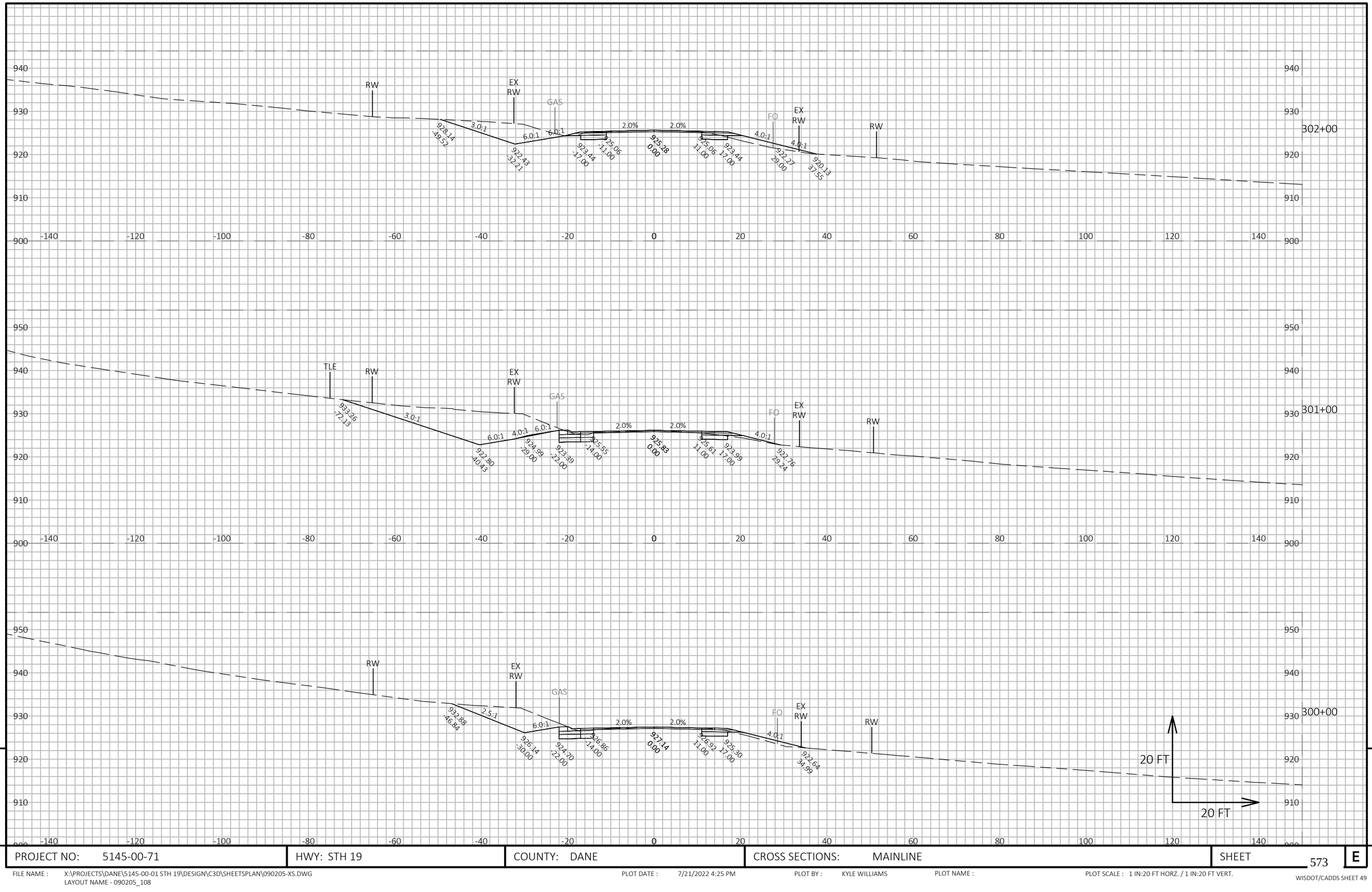


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 572	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_107

PLOT DATE : 7/21/2022 4:25 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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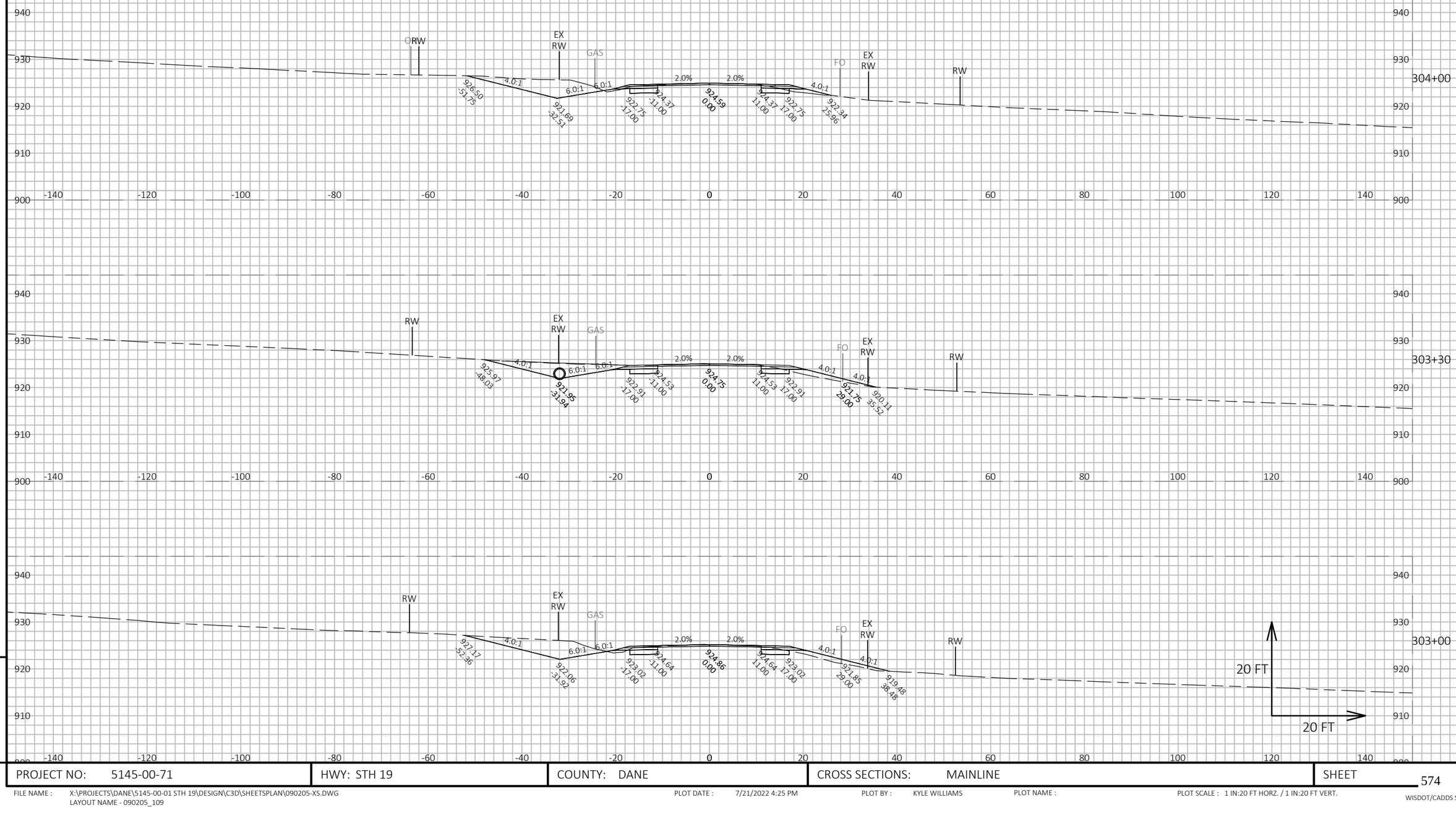
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 573	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_108

PLOT DATE : 7/21/2022 4:25 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

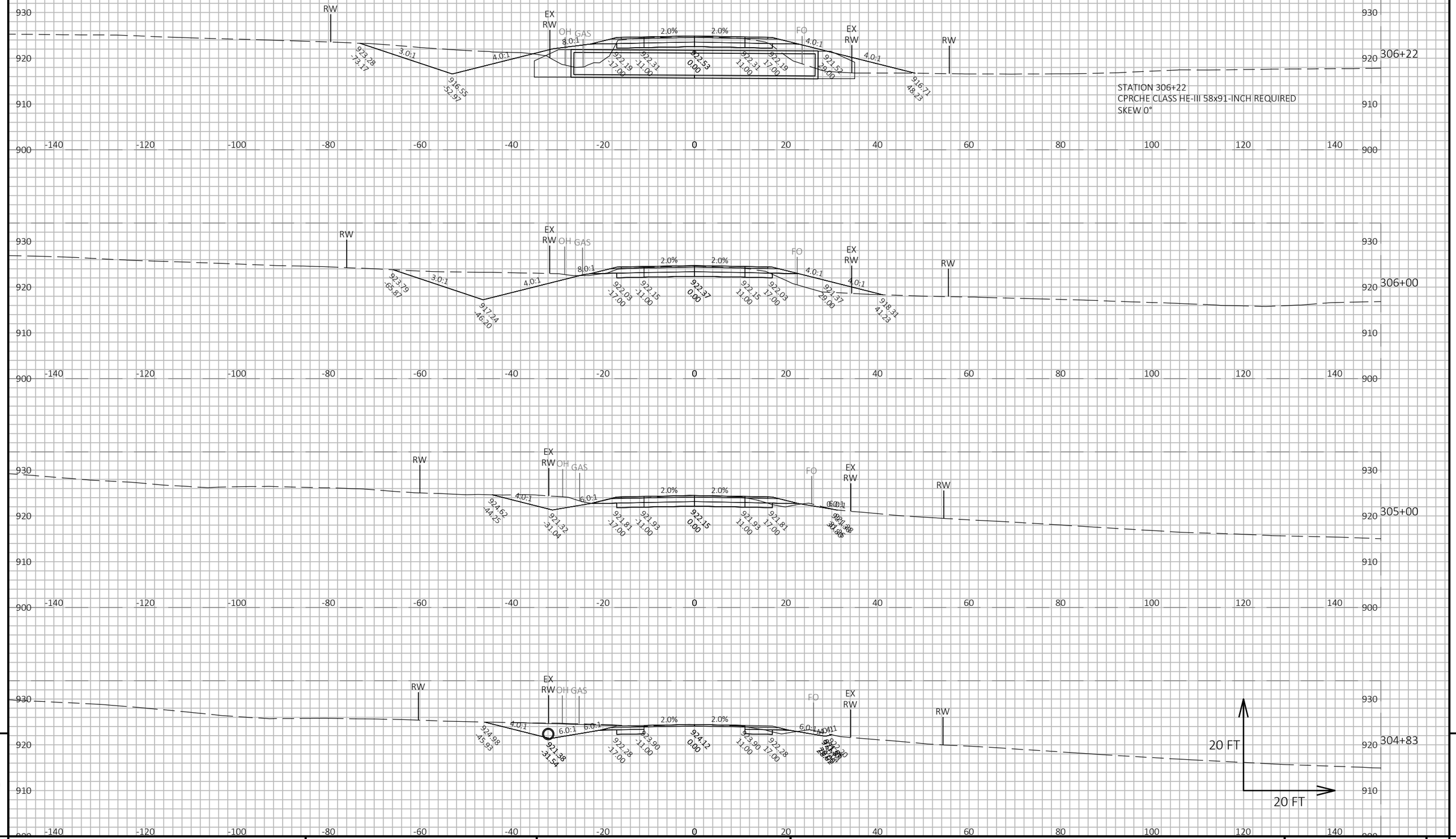


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 574 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_109

PLOT DATE : 7/21/2022 4:25 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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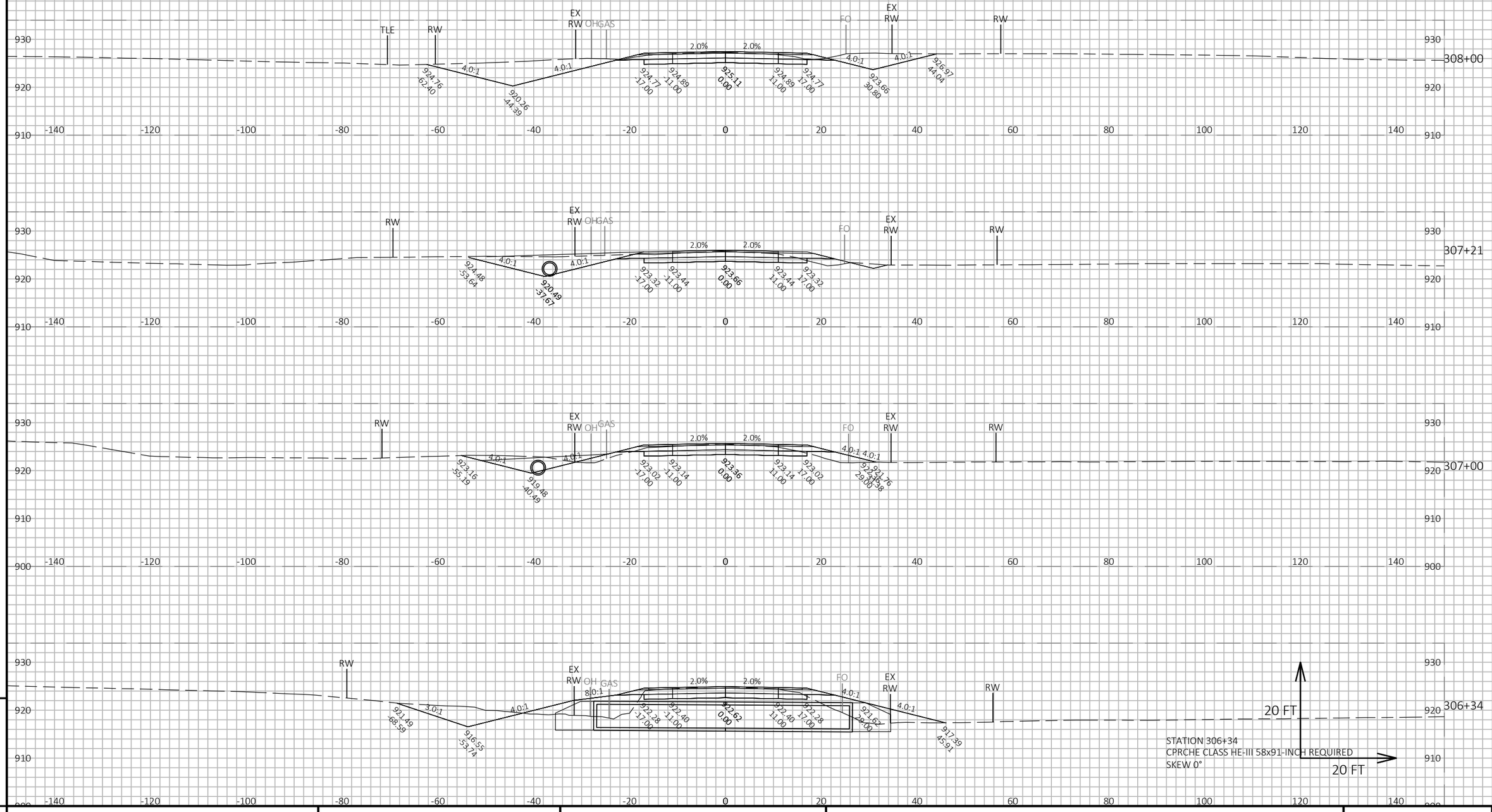
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 575	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_110

PLOT DATE : 7/21/2022 4:25 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



STATION 306+34
CPRCHE CLASS HE-III 58x91-INCH REQUIRED
SKEW 0°

20 FT
20 FT

9

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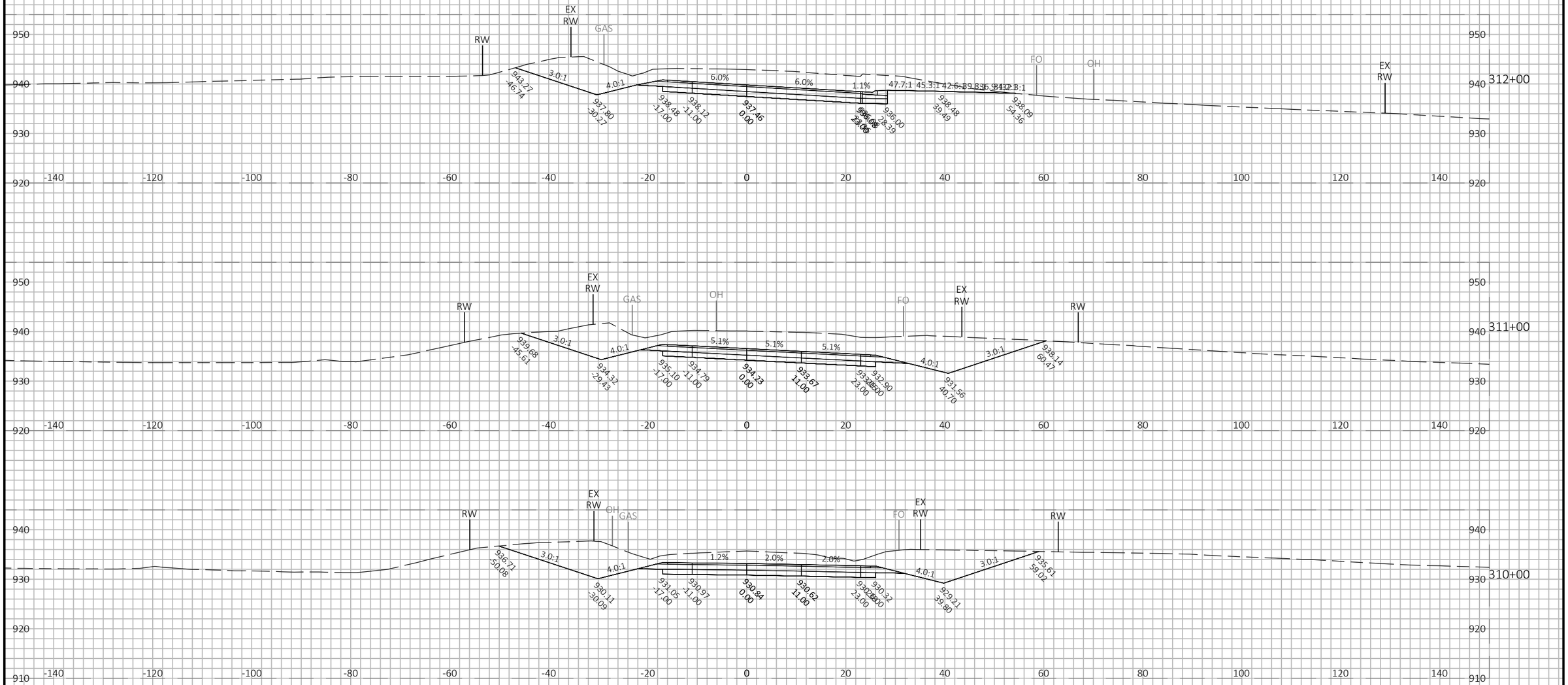
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 576	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_111

PLOT DATE : 7/21/2022 4:26 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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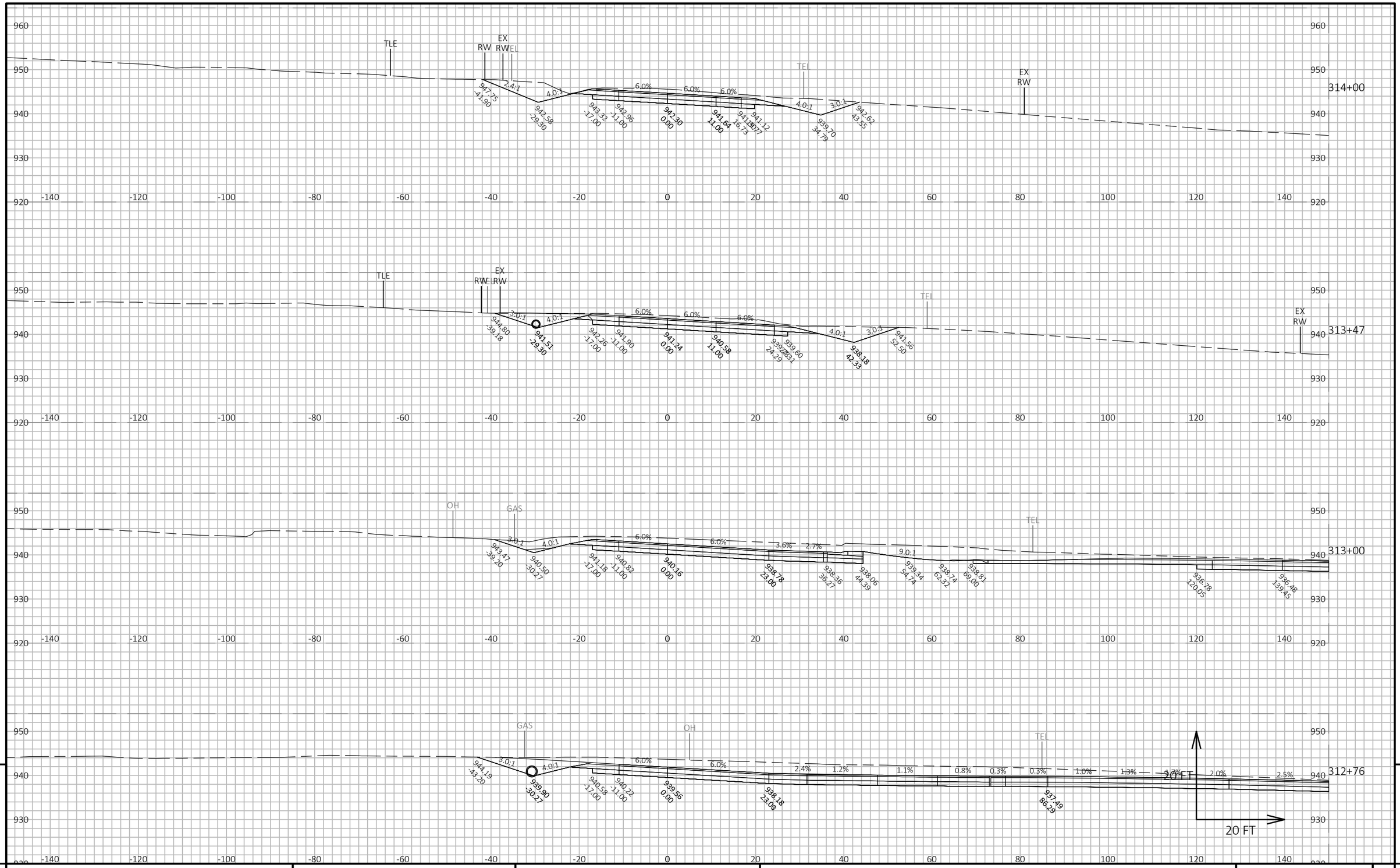
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 577	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_112

PLOT DATE : 7/21/2022 4:26 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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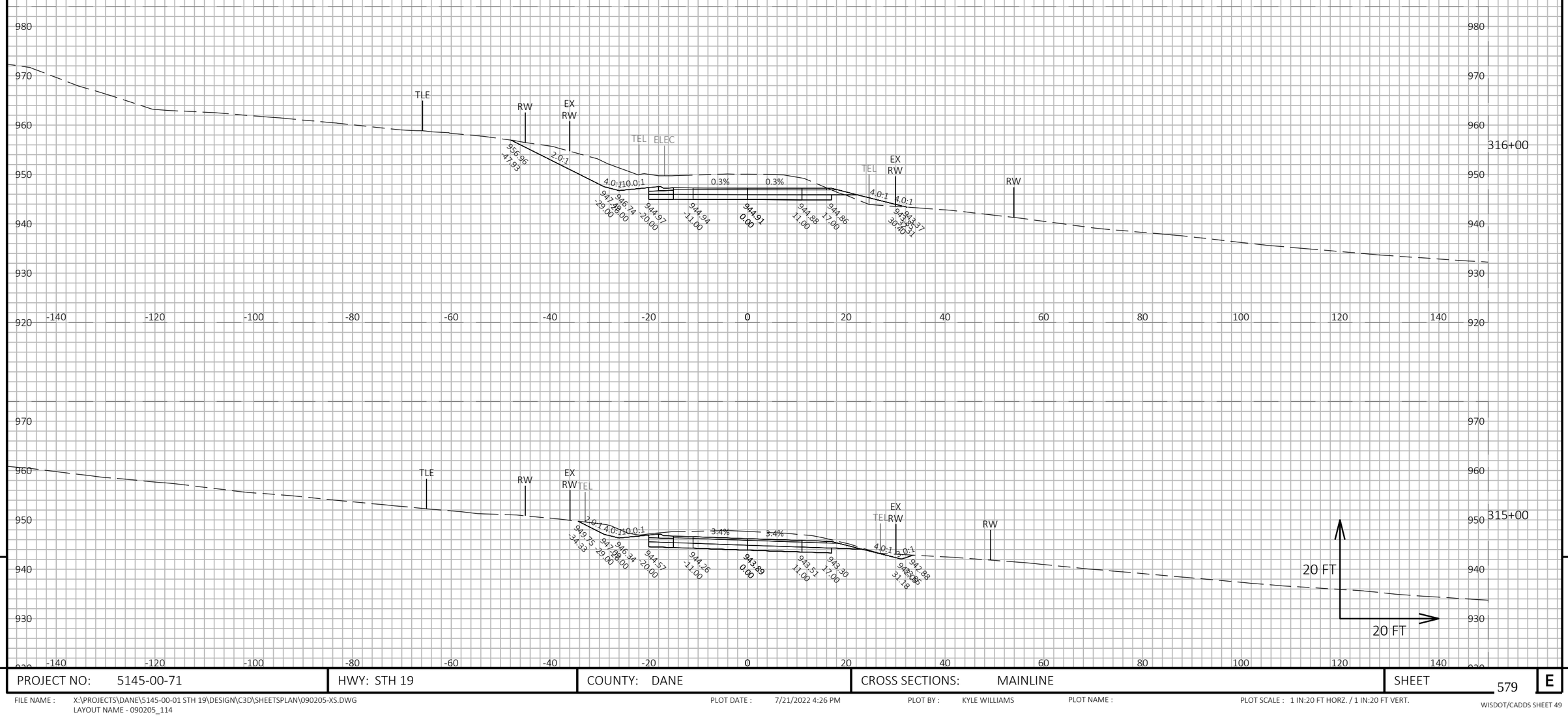
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 578	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_113

PLOT DATE : 7/21/2022 4:26 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

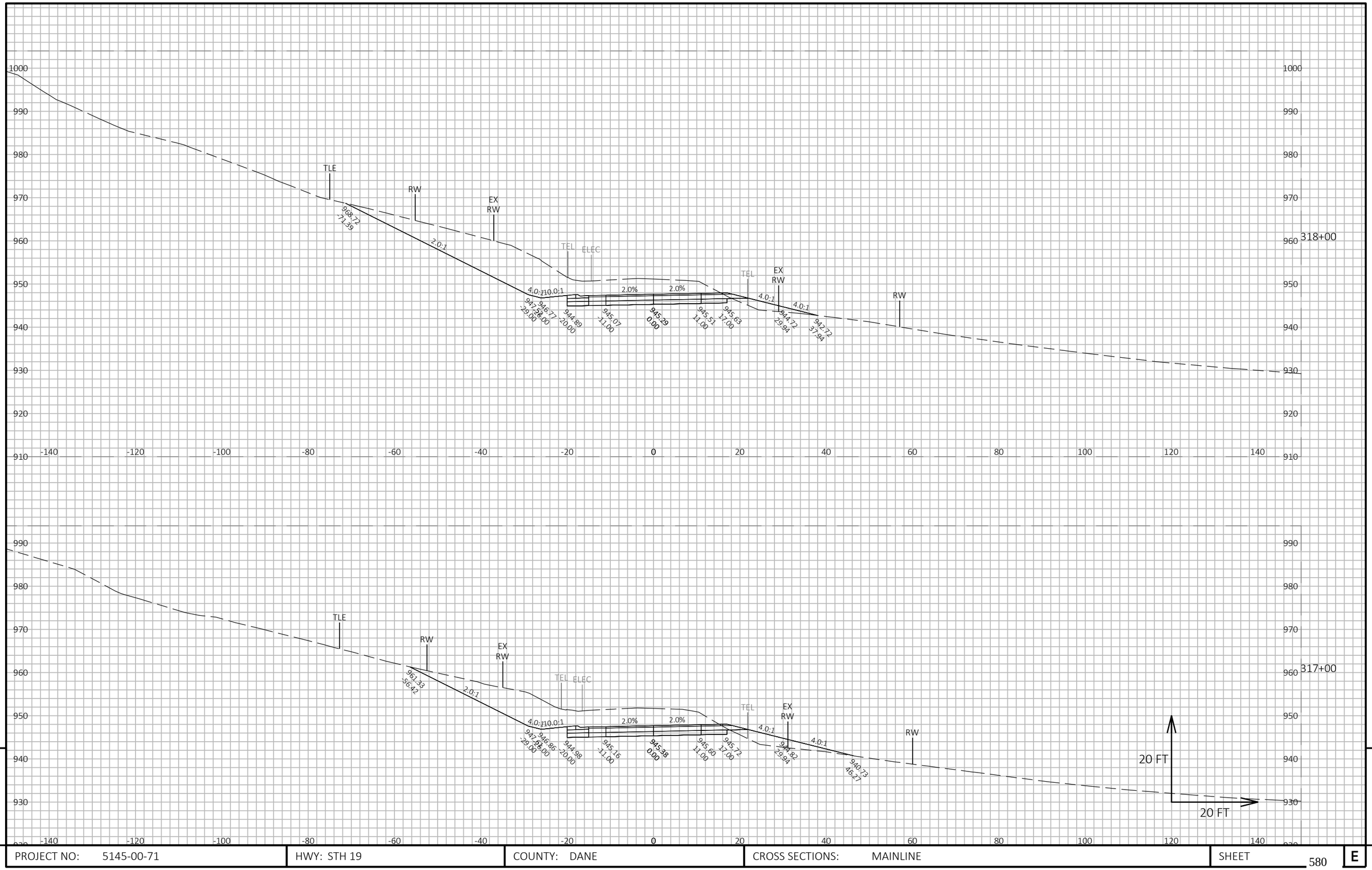


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 579	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_114

PLOT DATE : 7/21/2022 4:26 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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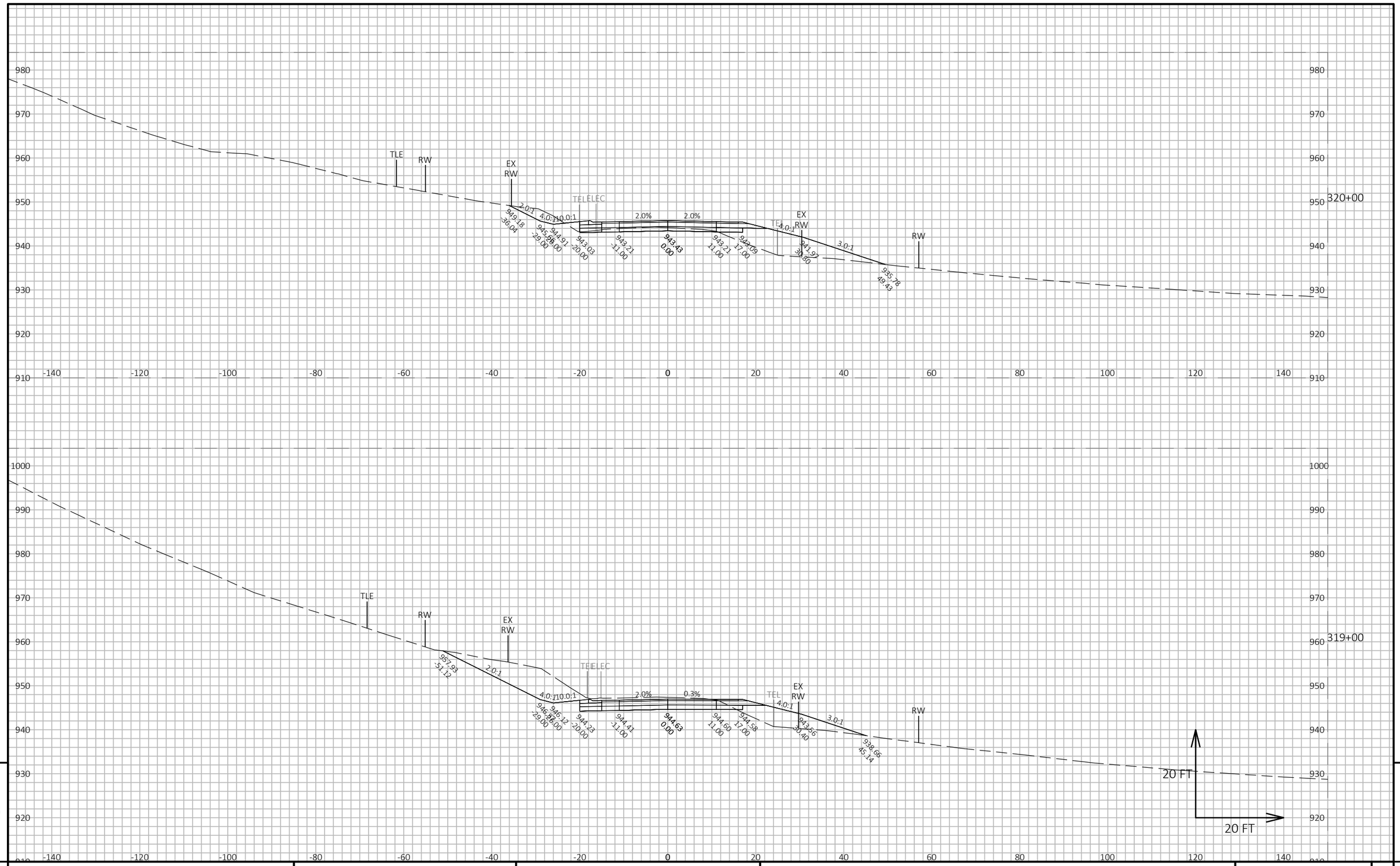
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 580	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_115

PLOT DATE : 7/21/2022 4:26 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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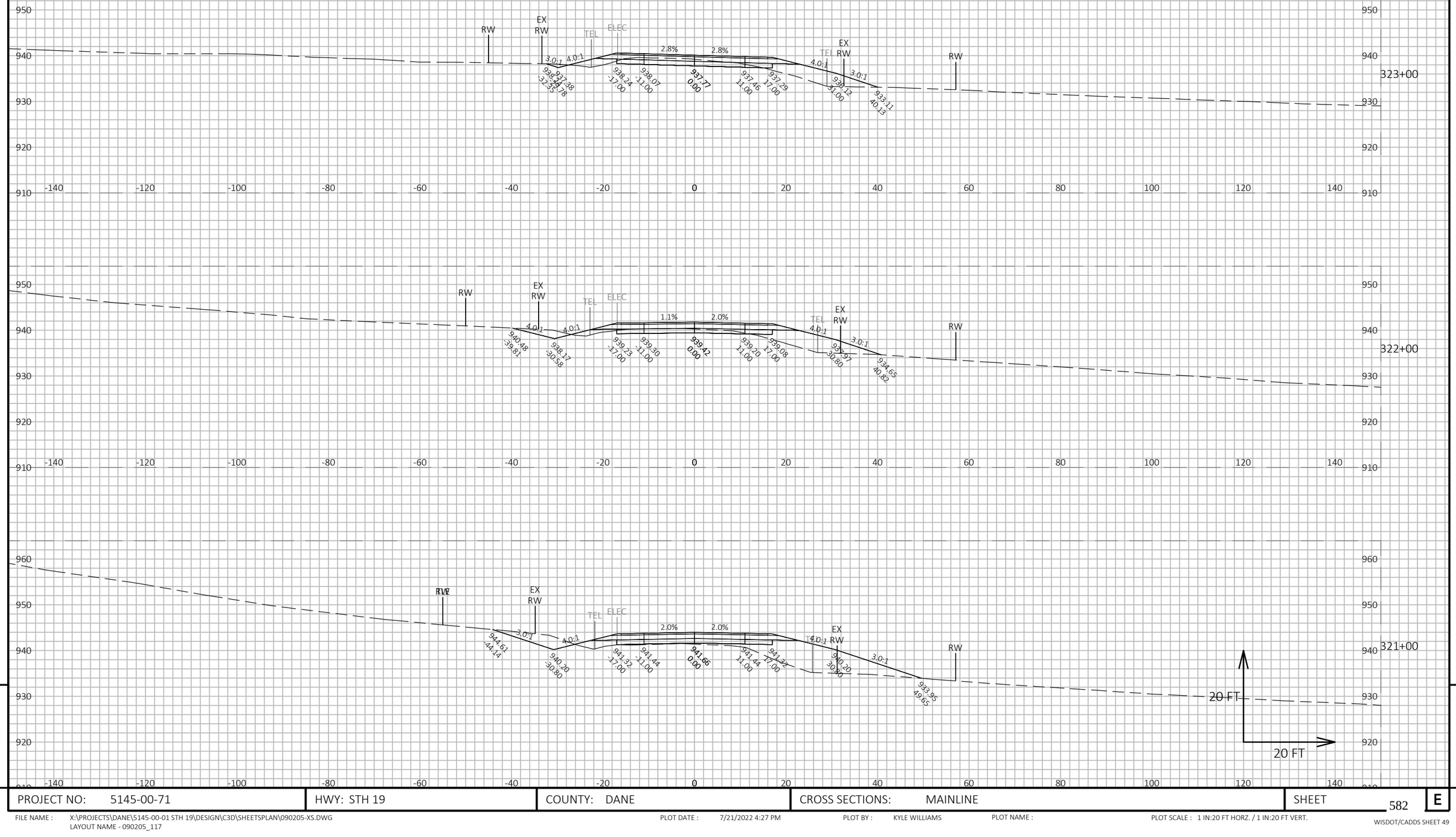
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 581	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_116

PLOT DATE : 7/21/2022 4:26 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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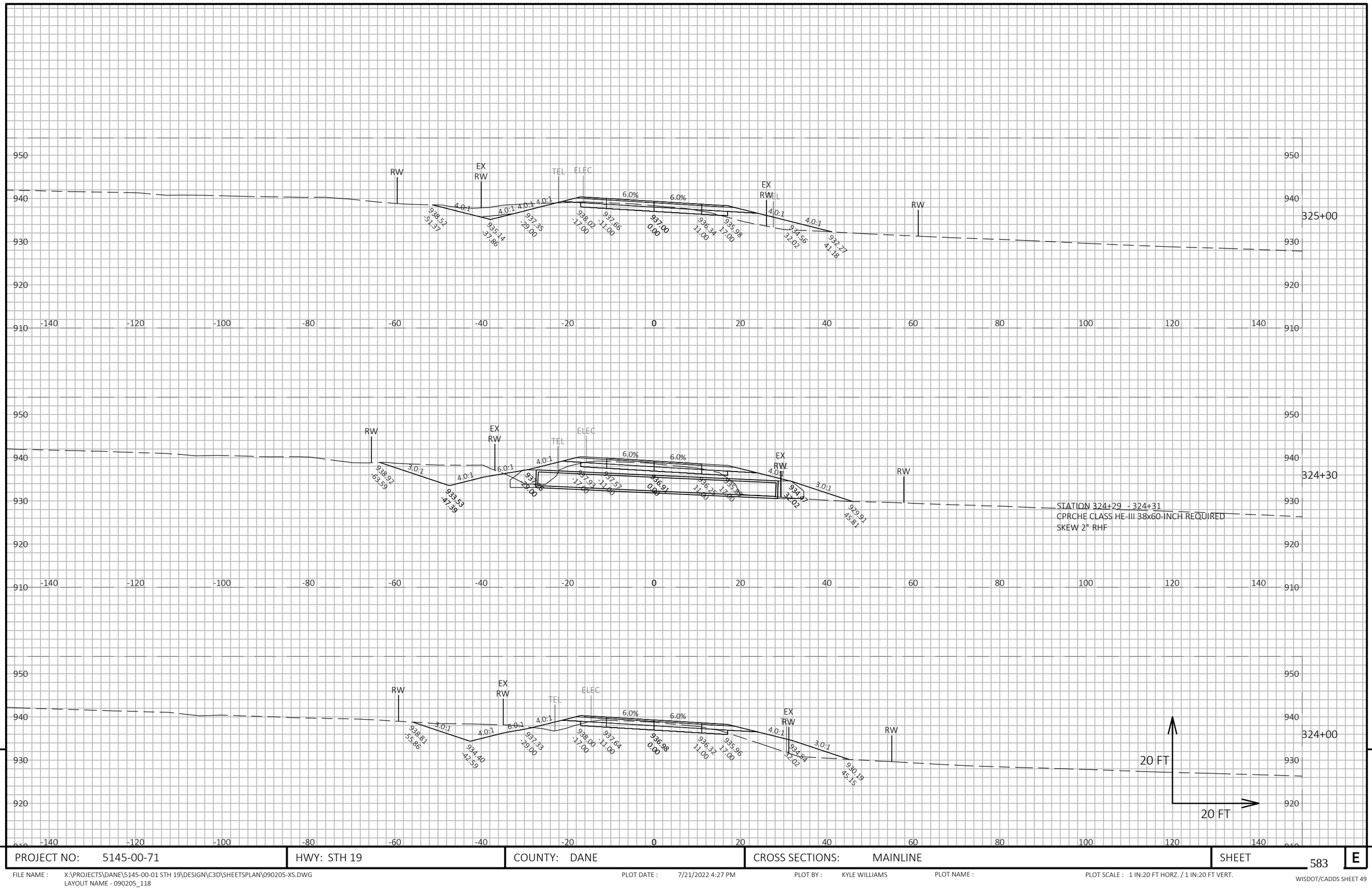
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 582	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_117

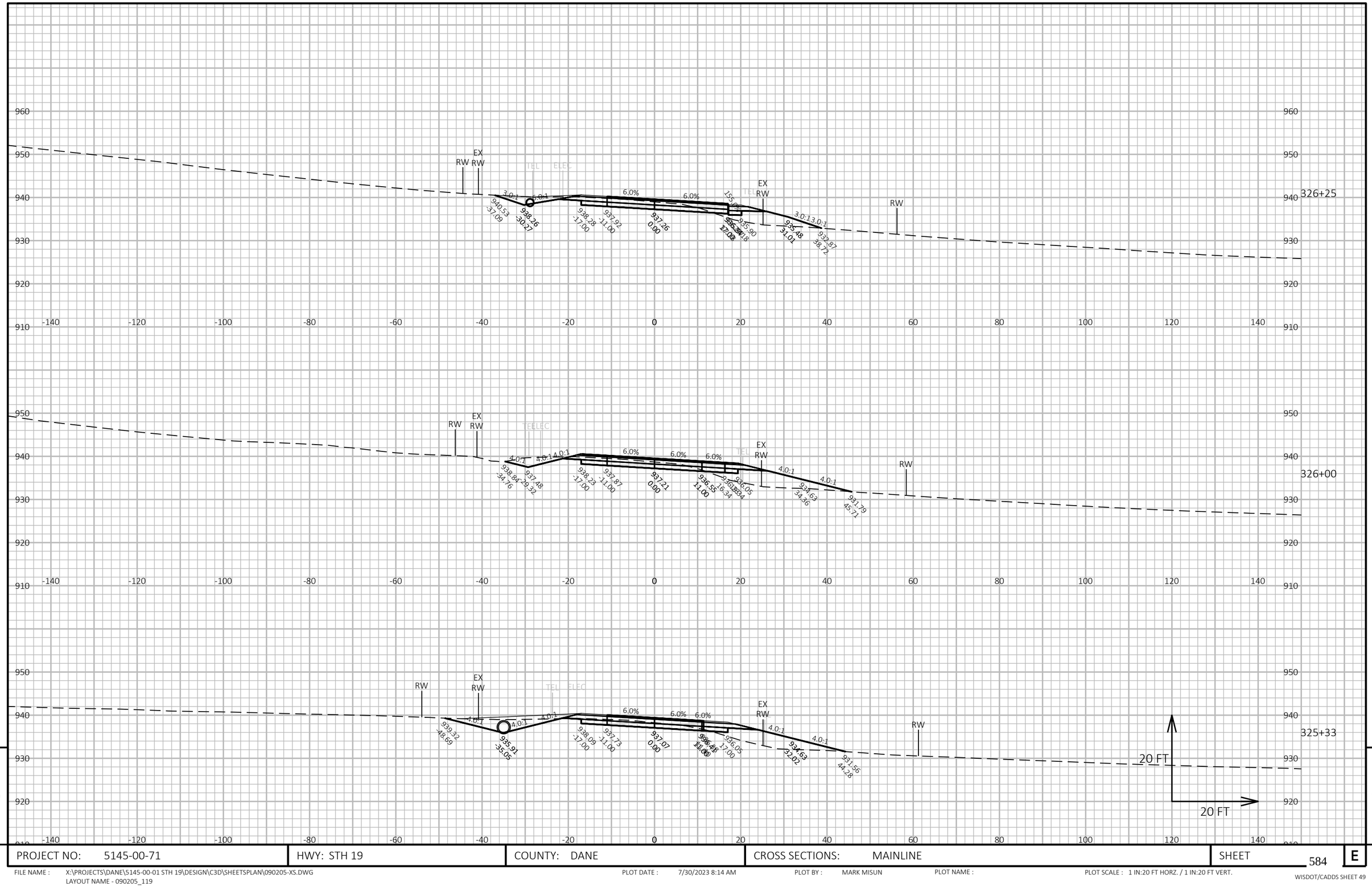
PLOT DATE : 7/21/2022 4:27 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 583	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_118
PLOT DATE : 7/21/2022 4:27 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49

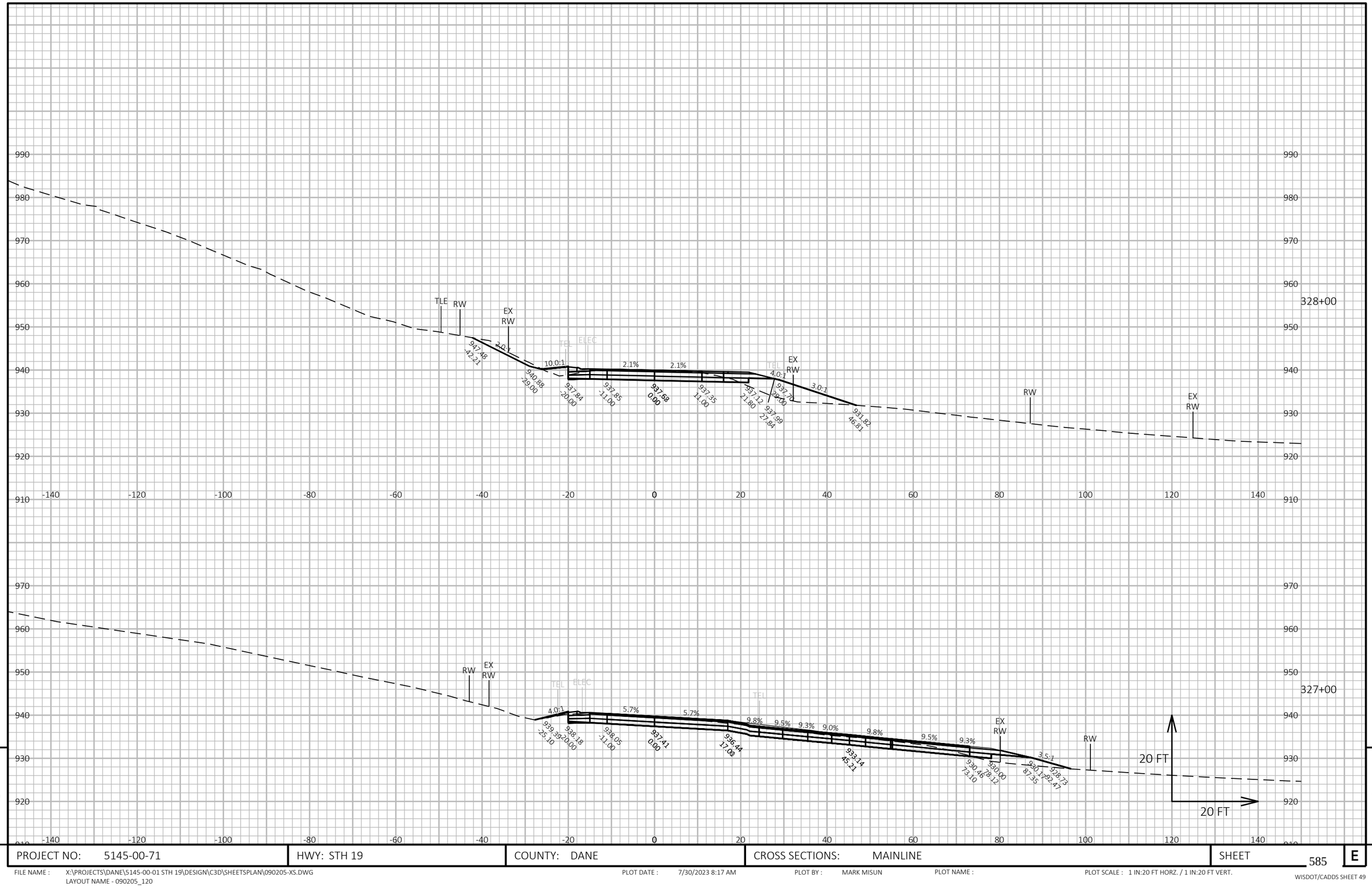


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 584	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_119

PLOT DATE : 7/30/2023 8:14 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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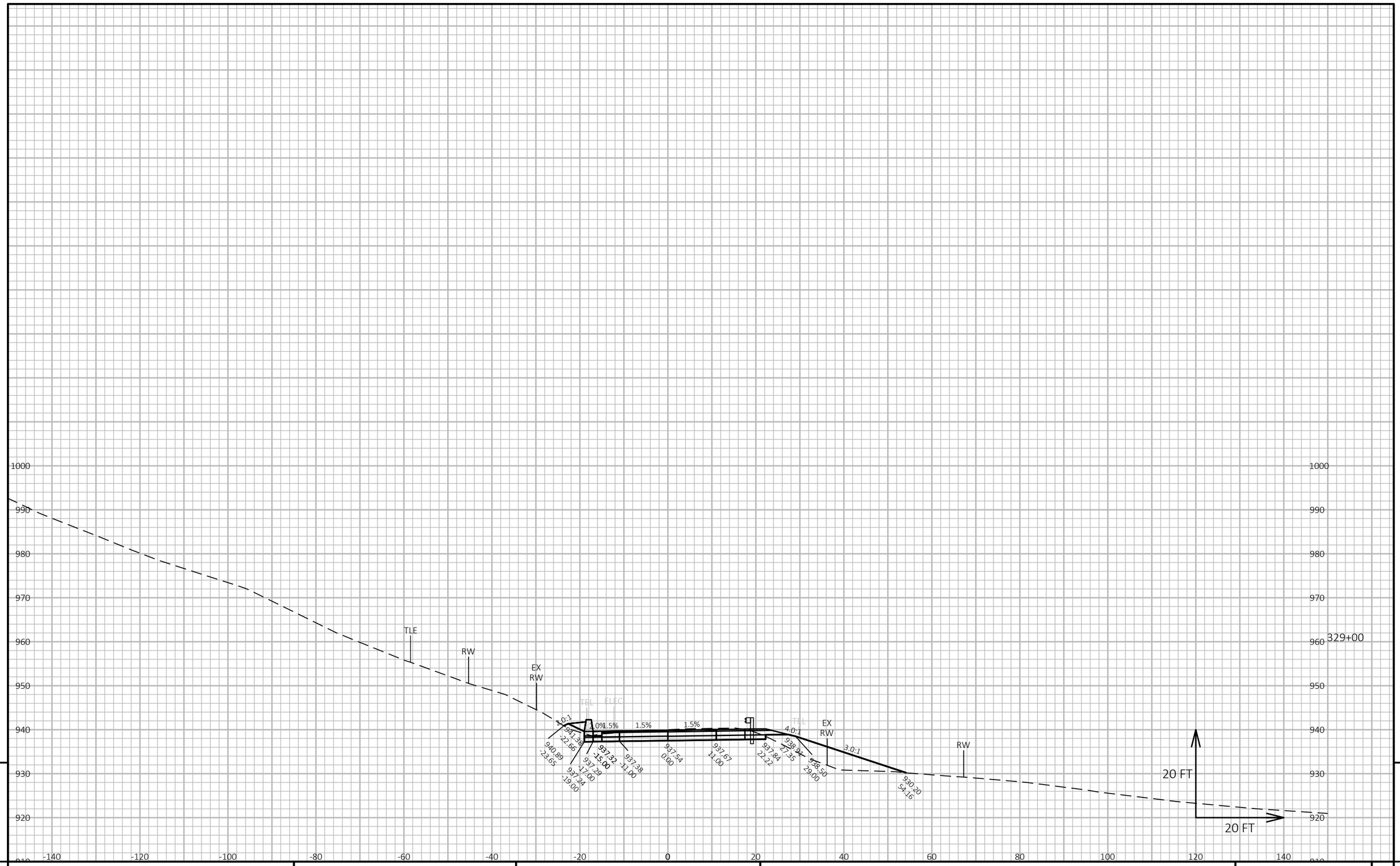
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 585	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_120

PLOT DATE : 7/30/2023 8:17 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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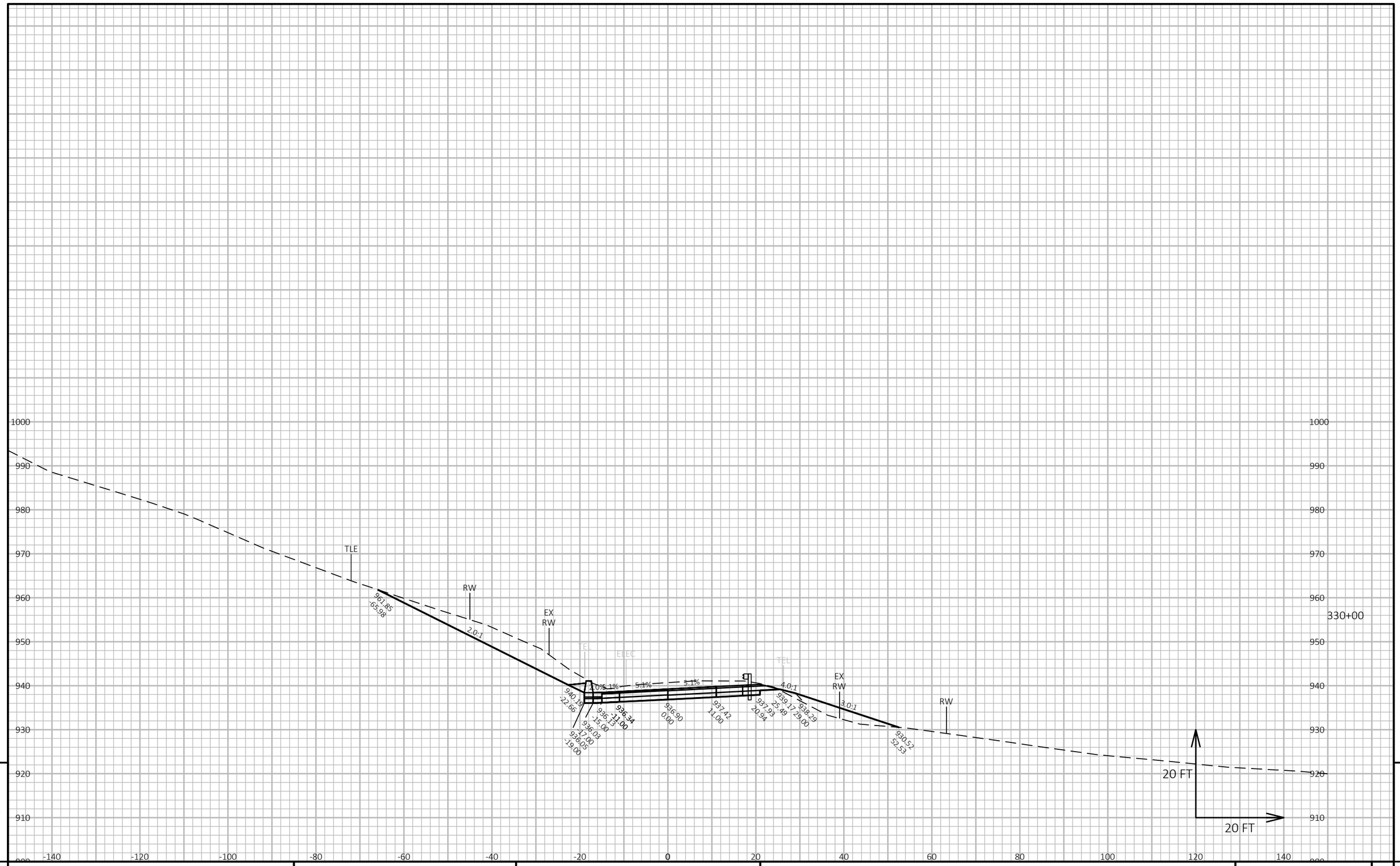
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 586	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_121

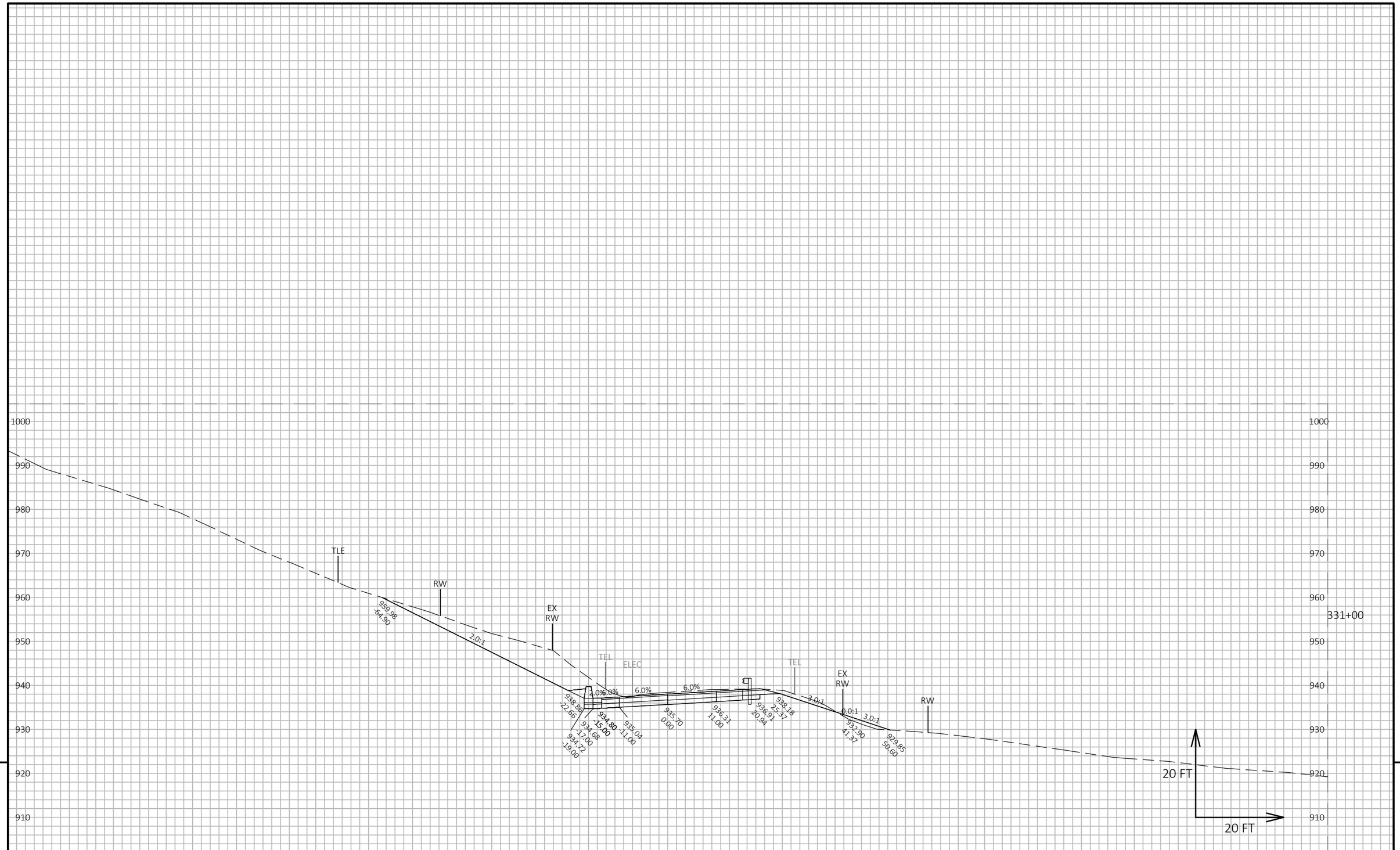
PLOT DATE : 7/30/2023 8:19 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 587	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_122

PLOT DATE : 7/30/2023 8:21 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 588	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_123

PLOT DATE : 7/21/2022 4:27 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 589	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_124

PLOT DATE : 7/21/2022 4:28 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

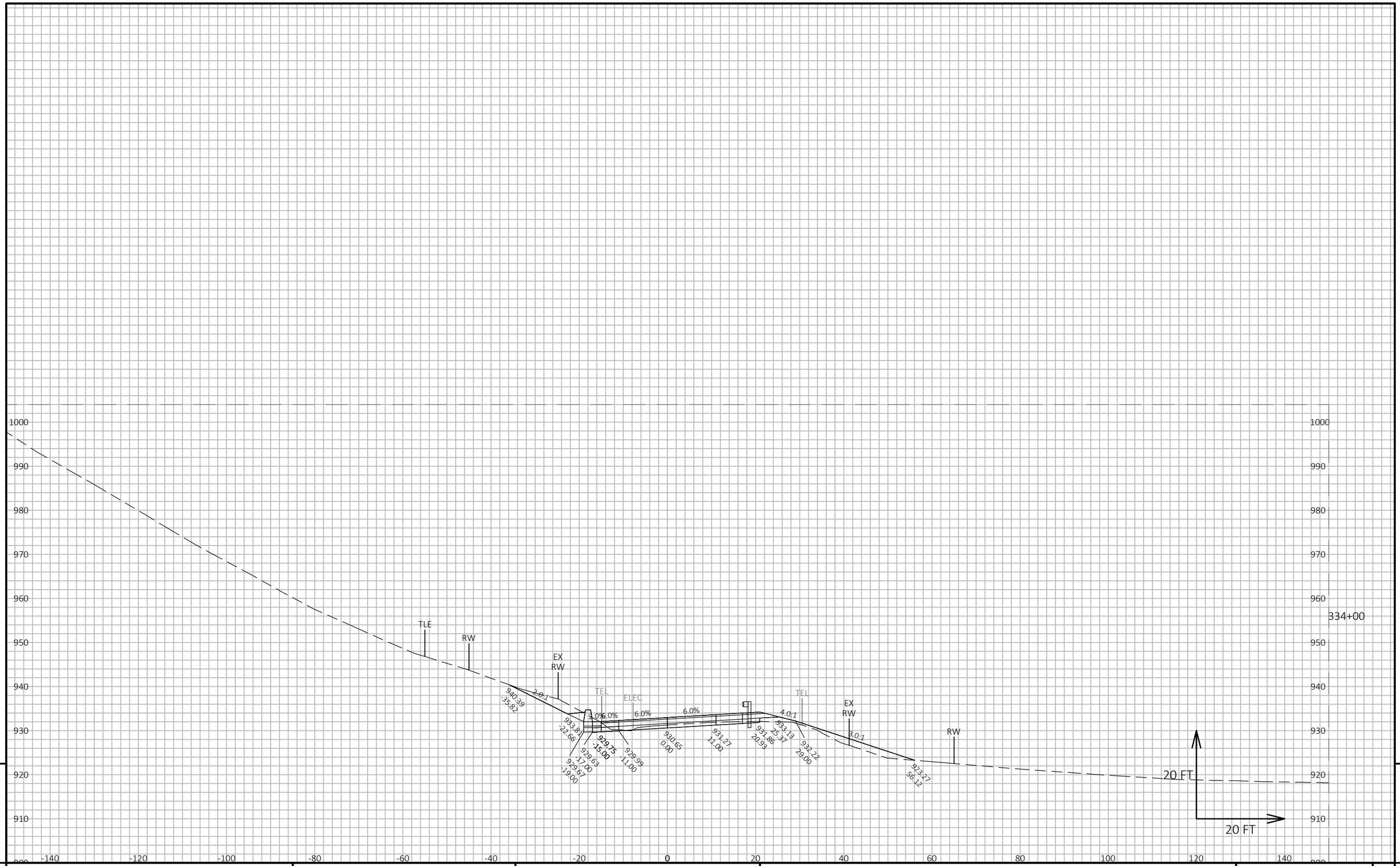
WISDOT/CADDS SHEET 49

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 590	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_125

PLOT DATE : 7/21/2022 4:28 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 591	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_126

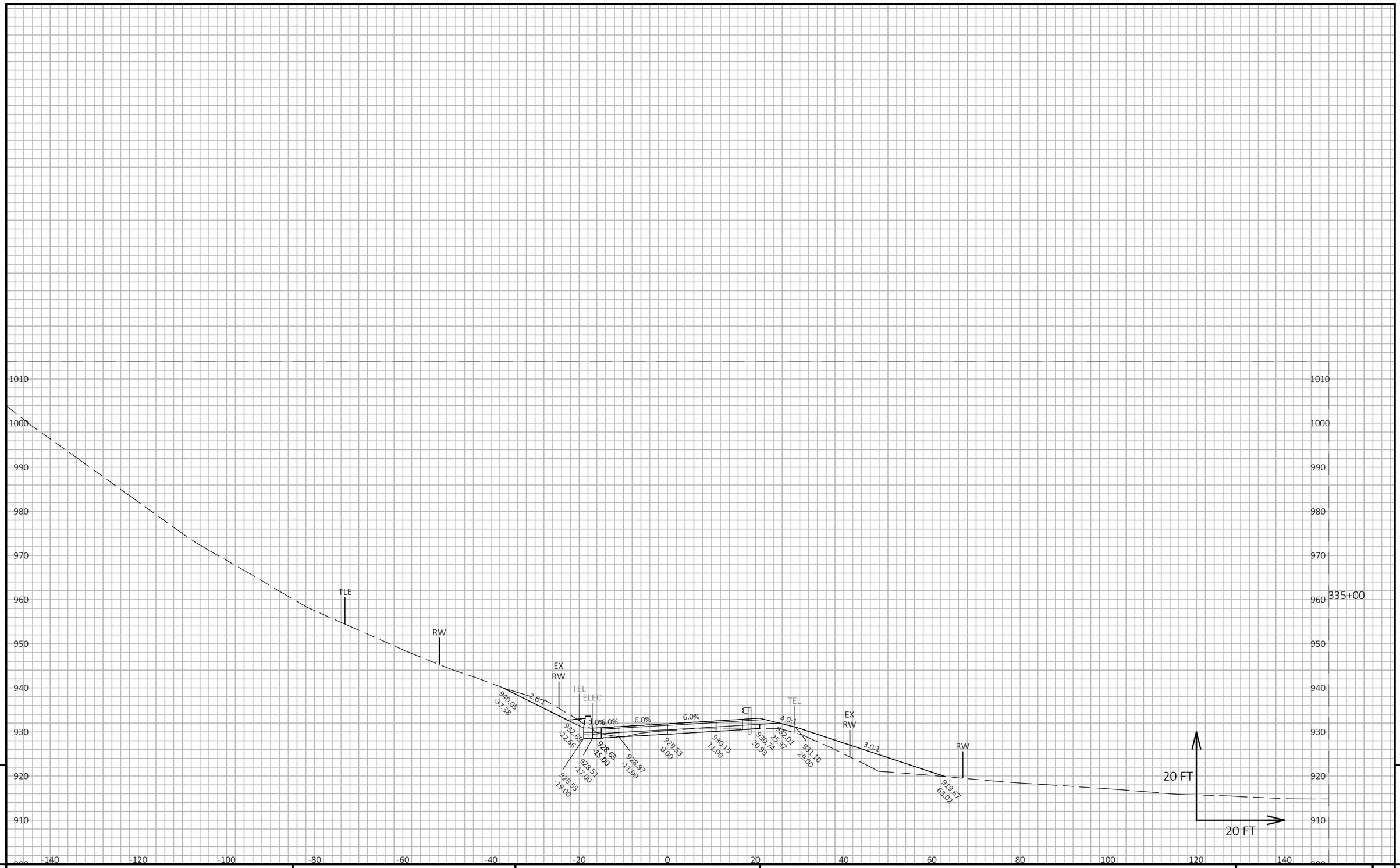
PLOT DATE : 7/21/2022 4:28 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 592	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_127

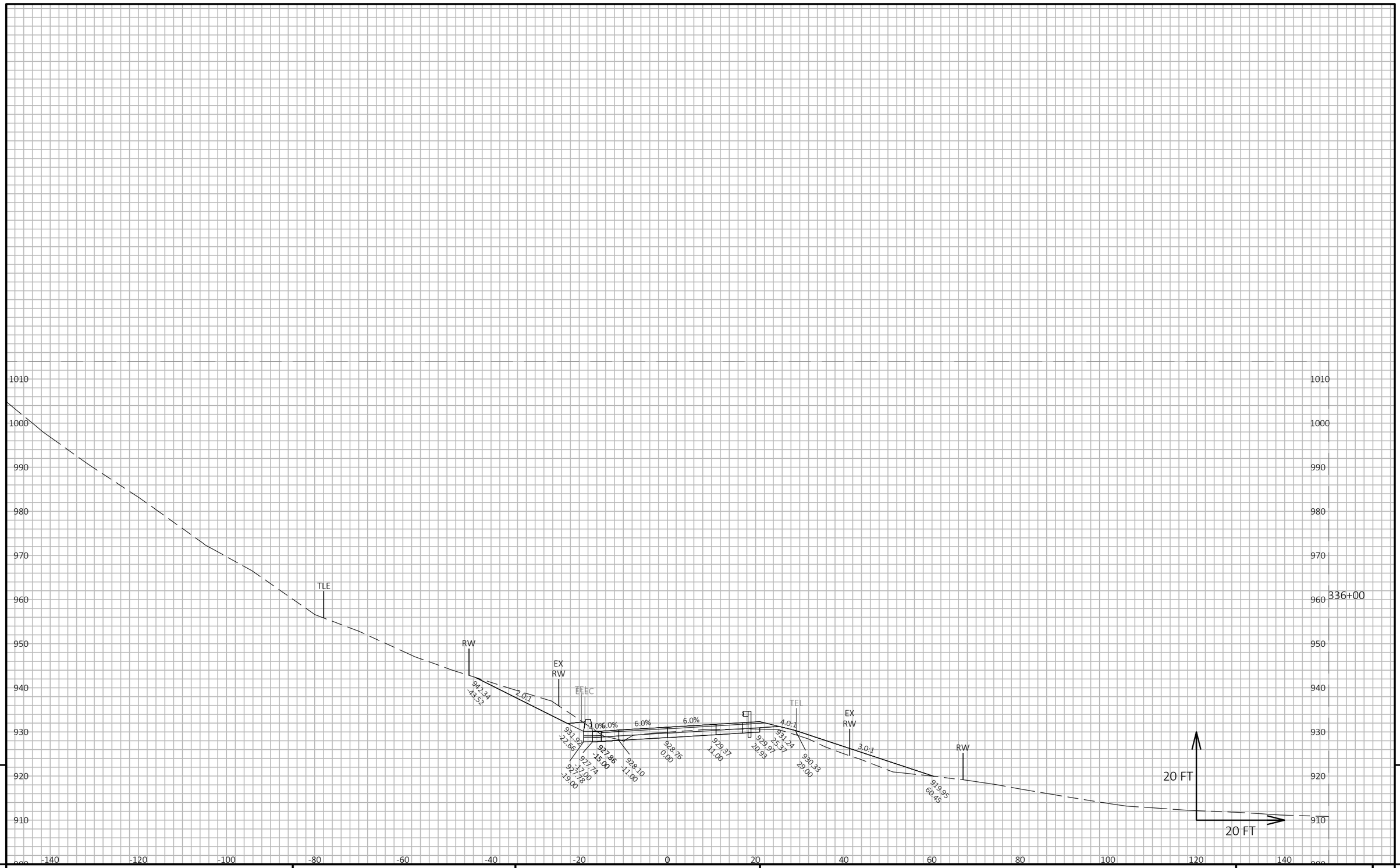
PLOT DATE : 7/21/2022 4:28 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 593	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_128

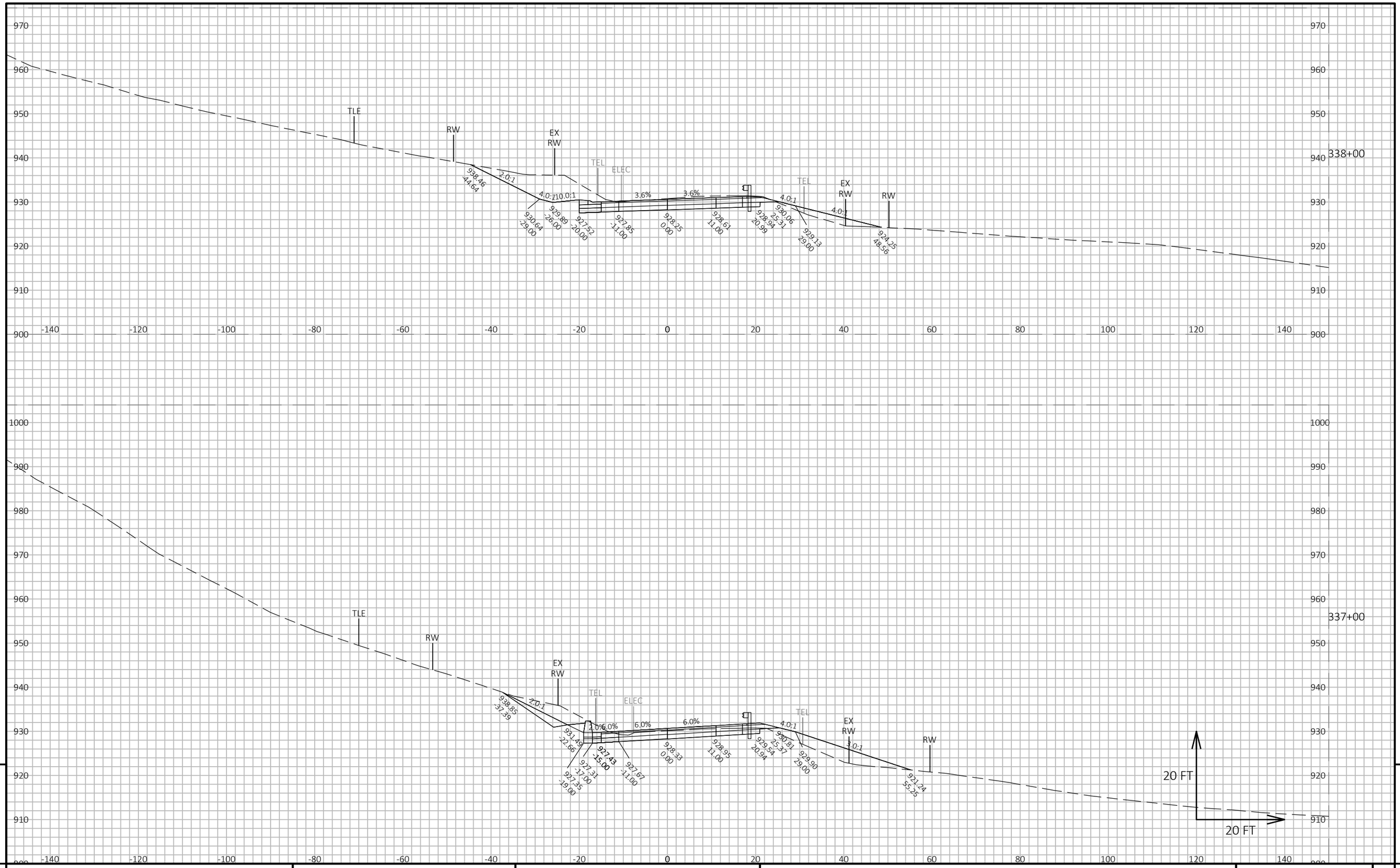
PLOT DATE : 7/21/2022 4:28 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

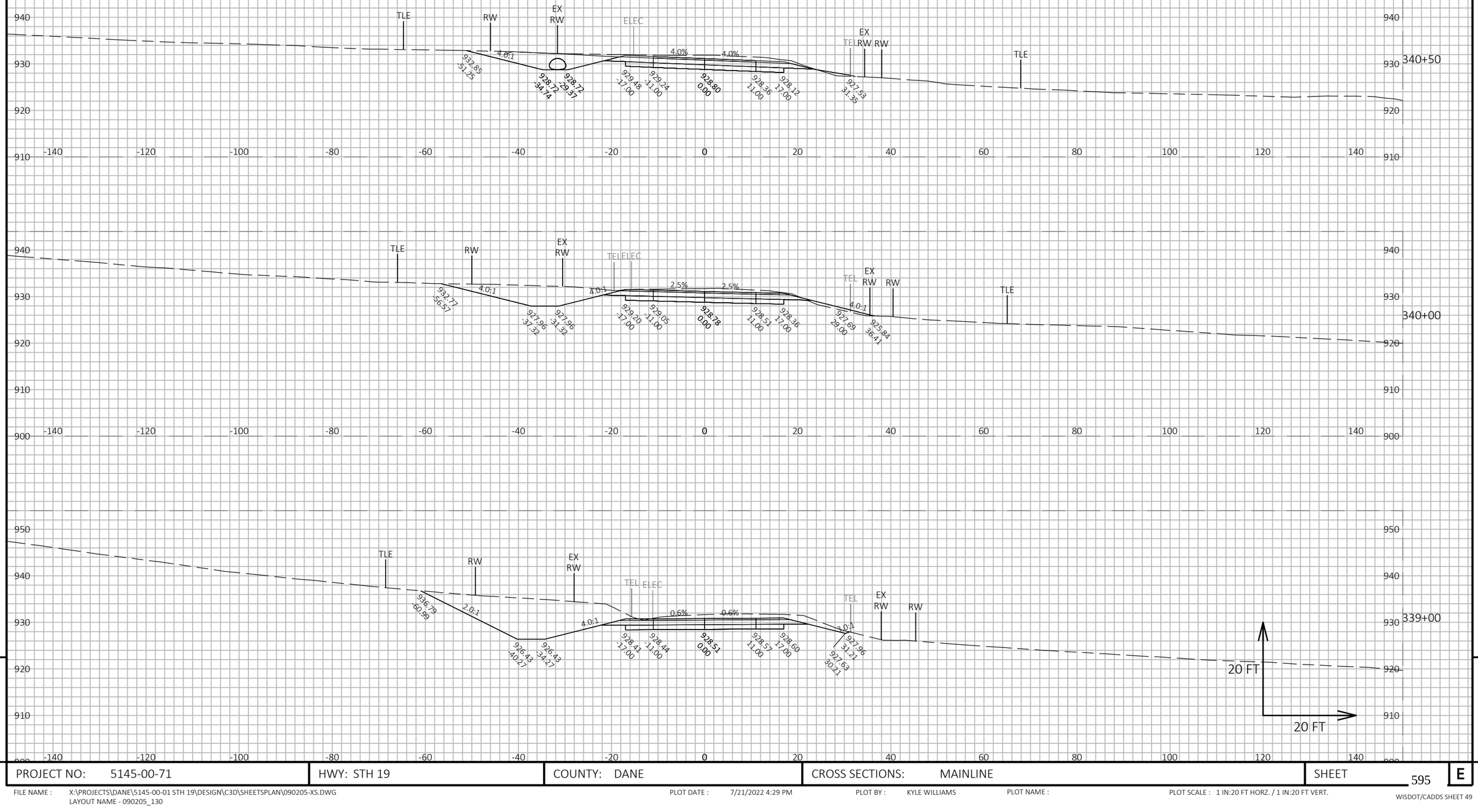


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 594	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_129

PLOT DATE : 7/21/2022 4:28 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

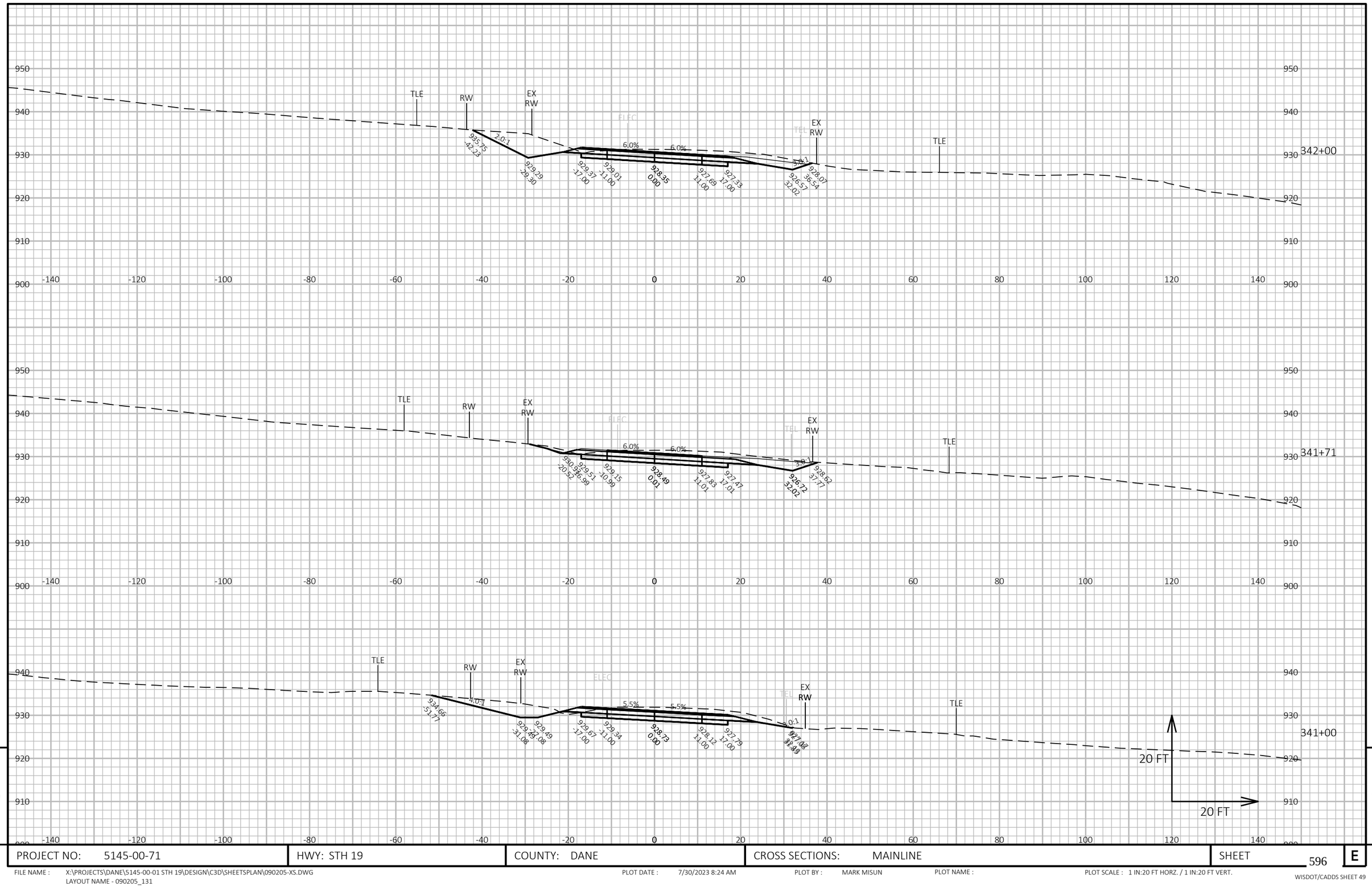


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 595	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_130

PLOT DATE : 7/21/2022 4:29 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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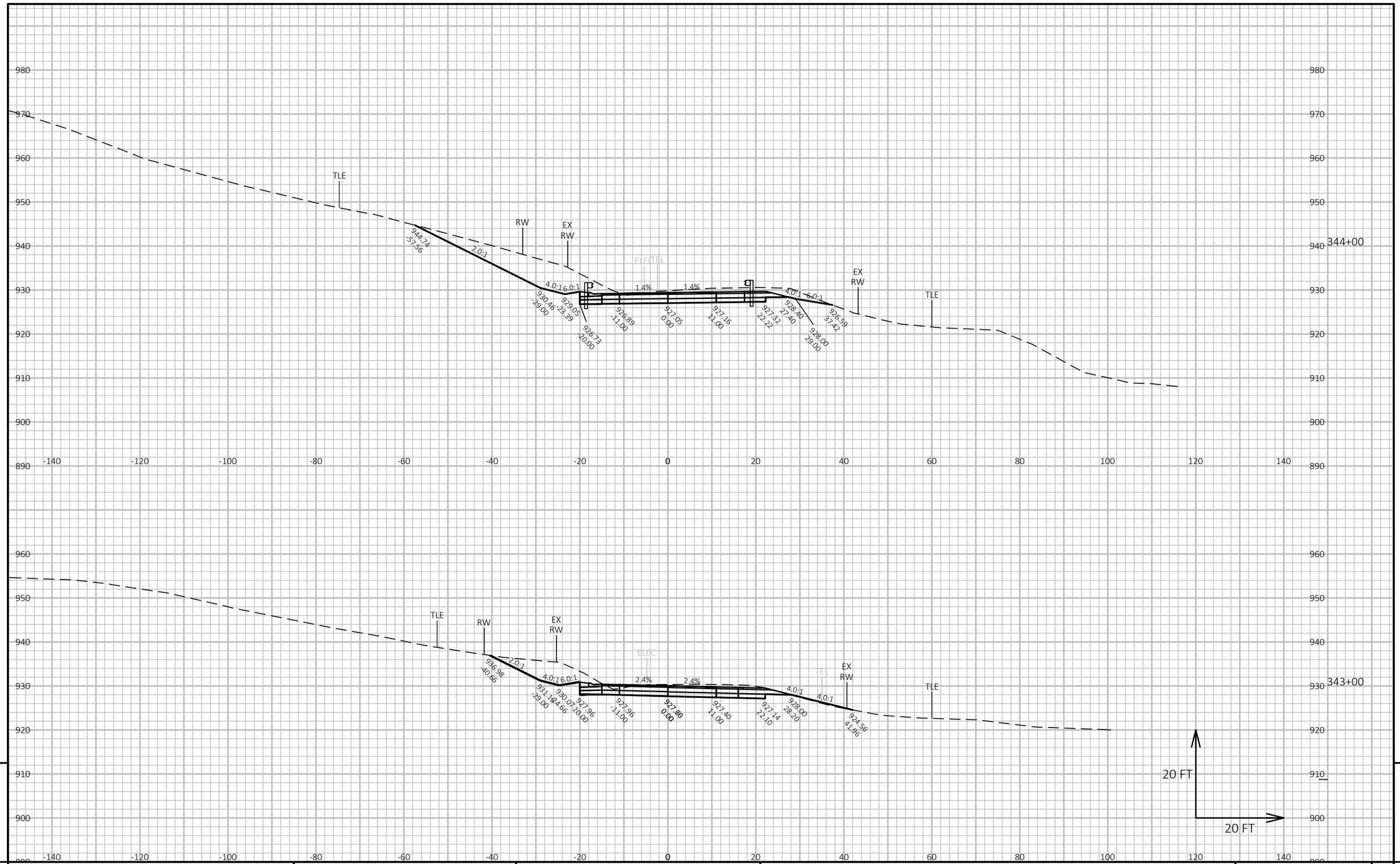
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 596	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_131

PLOT DATE : 7/30/2023 8:24 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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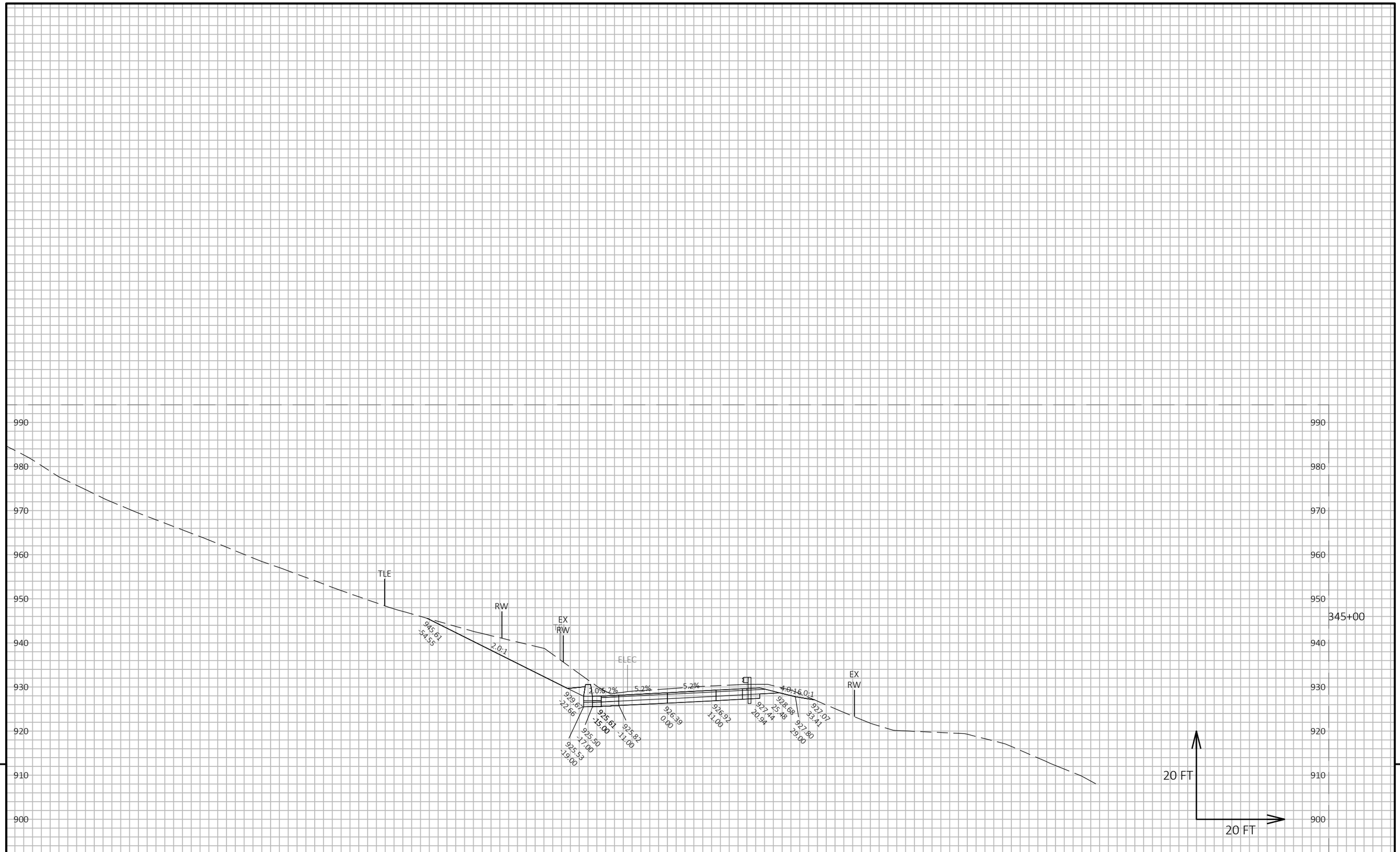
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 597	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_132

PLOT DATE : 7/30/2023 8:26 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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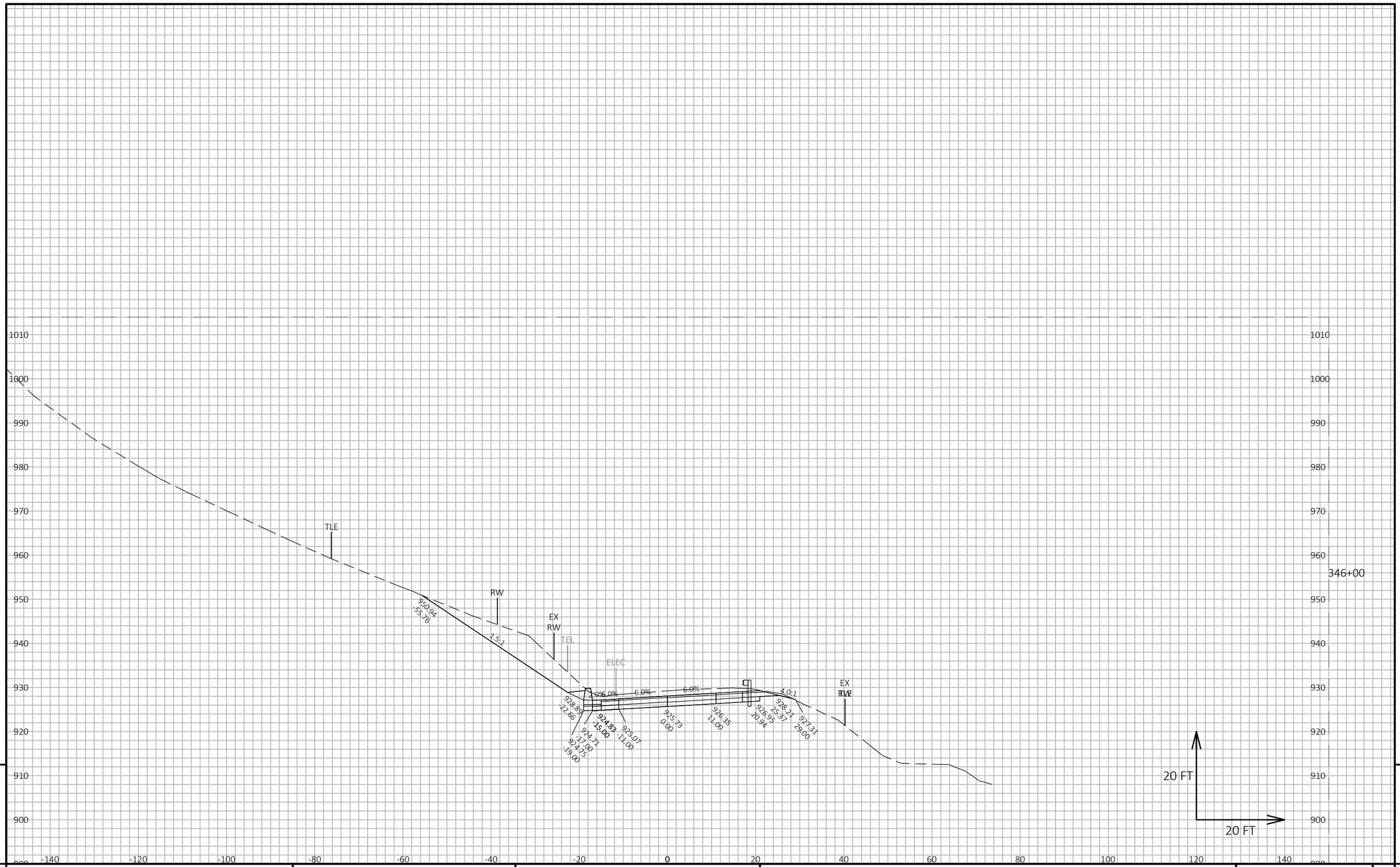
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 598	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_133

PLOT DATE : 7/21/2022 4:29 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 599	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_134

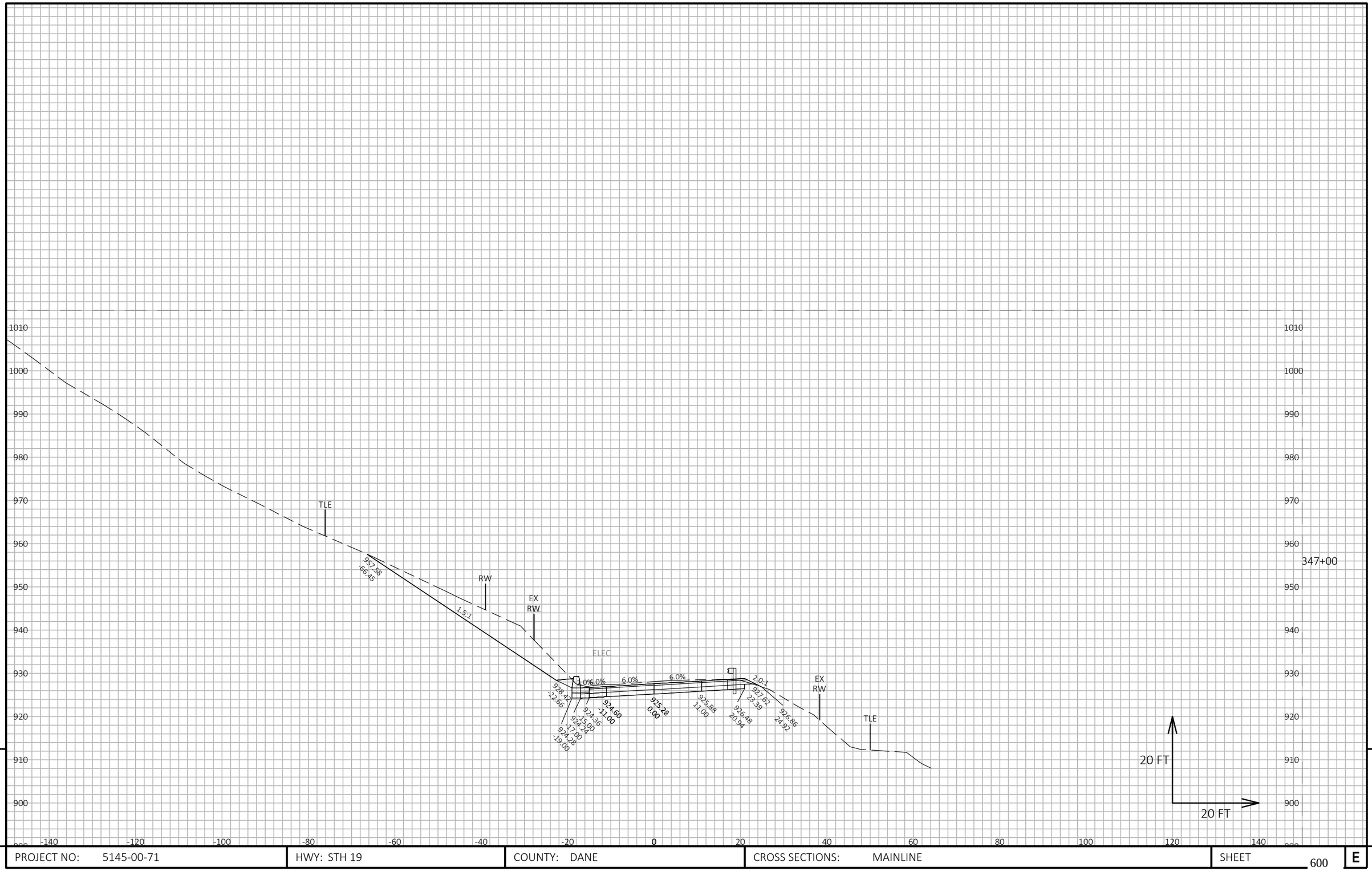
PLOT DATE : 7/21/2022 4:29 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 600	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_135

PLOT DATE : 7/21/2022 4:29 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 601	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_136

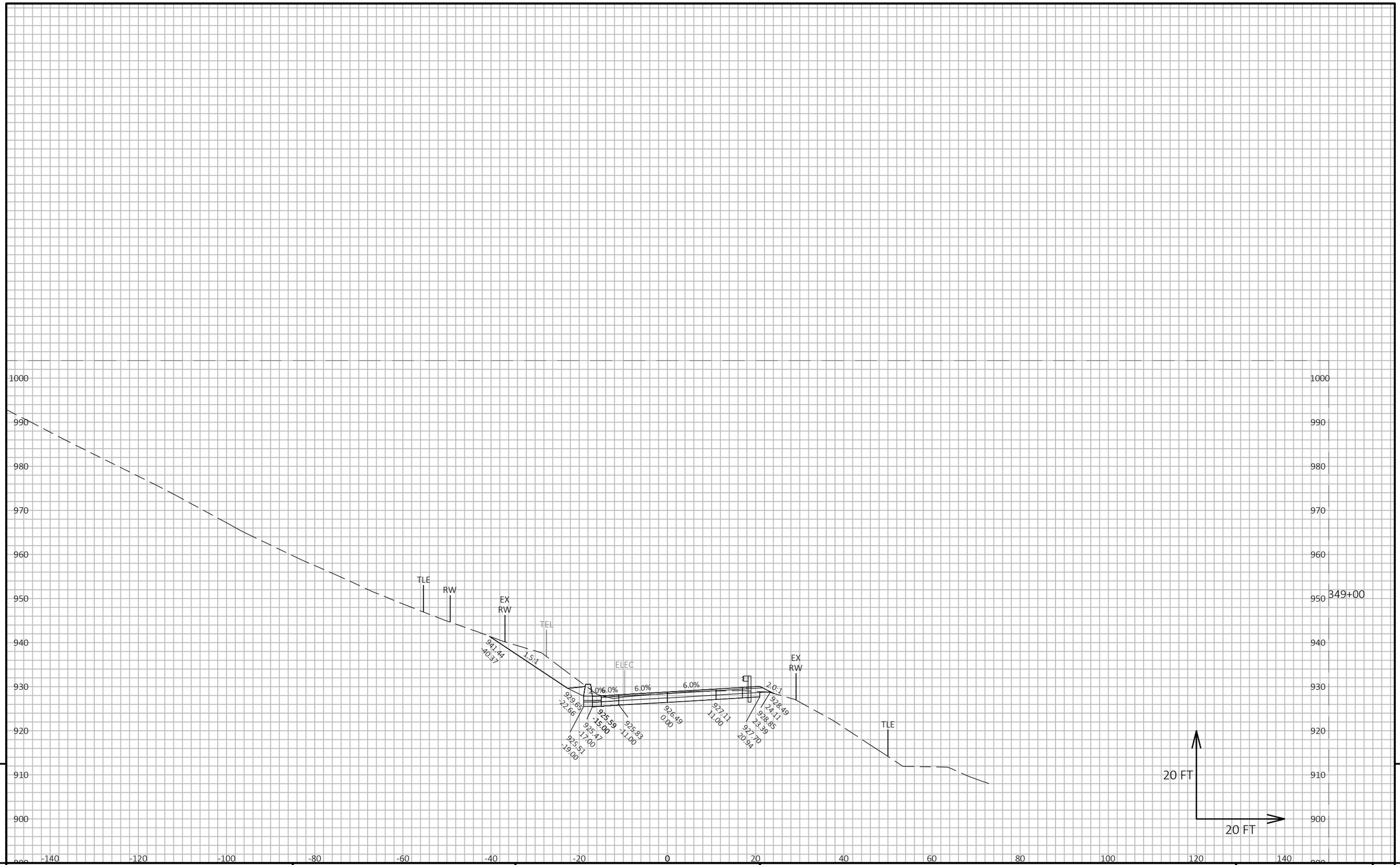
PLOT DATE : 7/21/2022 4:29 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 602	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_137

PLOT DATE : 7/21/2022 4:30 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 603	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_138

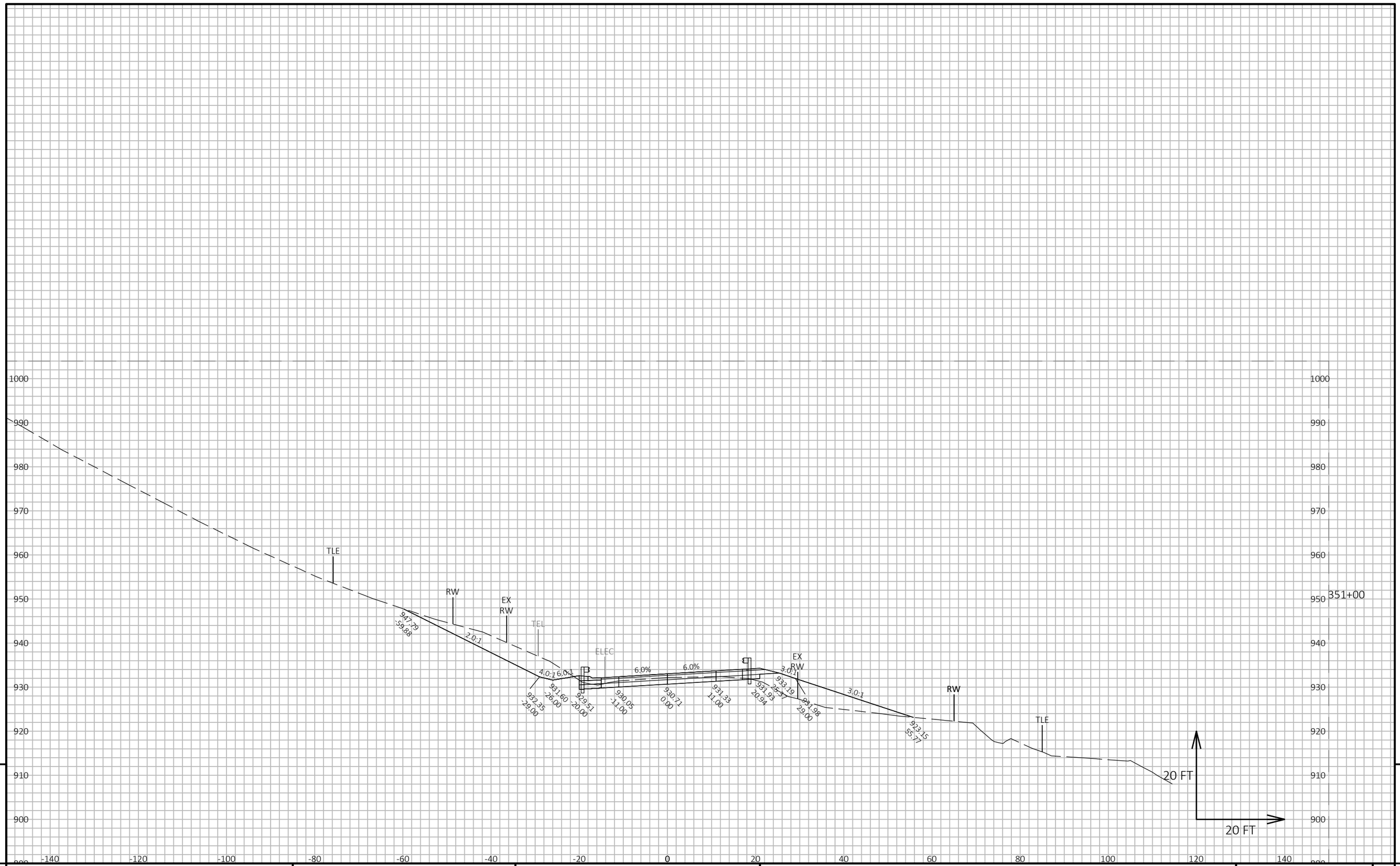
PLOT DATE : 7/21/2022 4:30 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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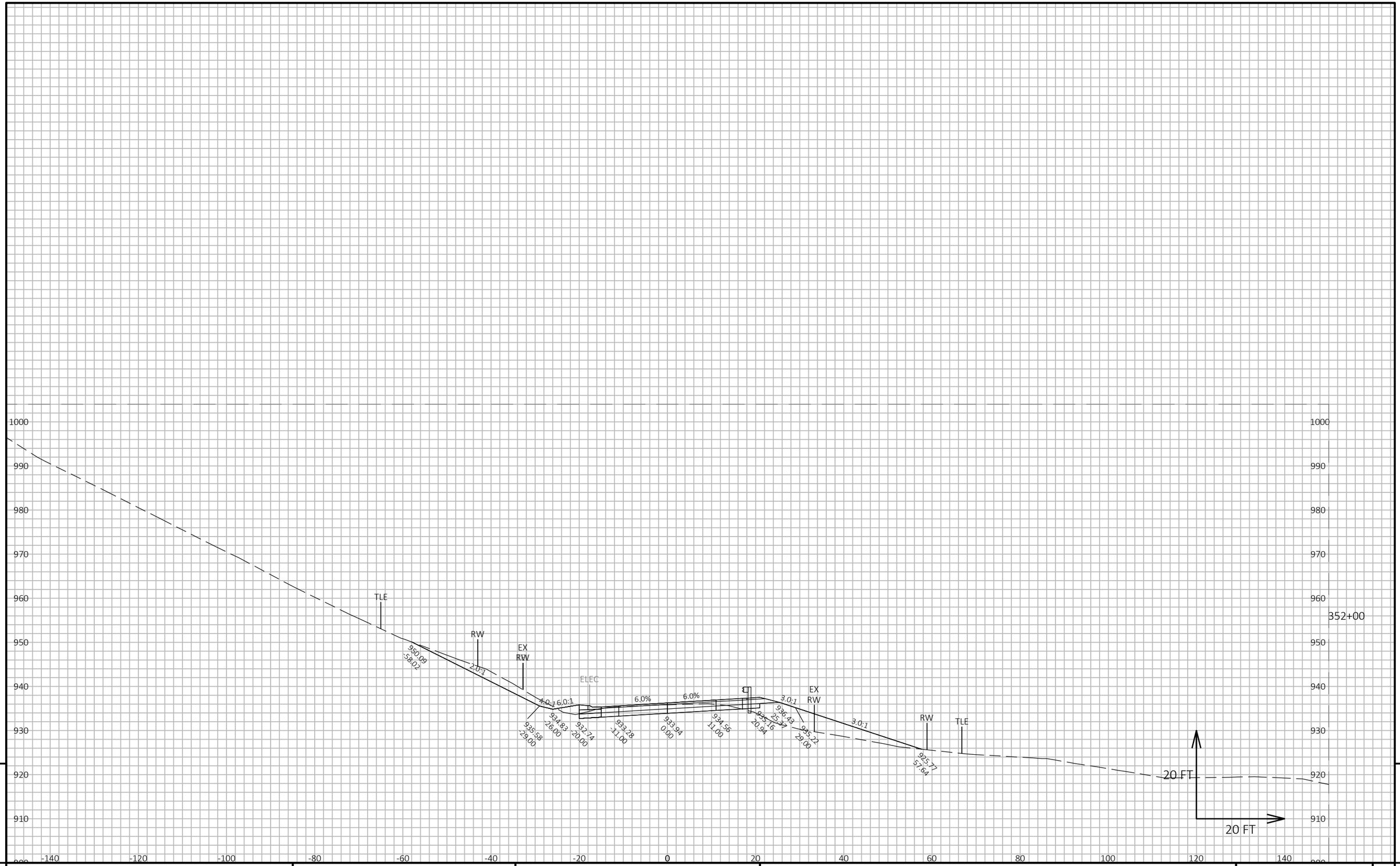
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 604	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_139

PLOT DATE : 7/21/2022 4:30 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 605	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_140

PLOT DATE : 7/21/2022 4:30 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 606	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_141

PLOT DATE : 7/21/2022 4:30 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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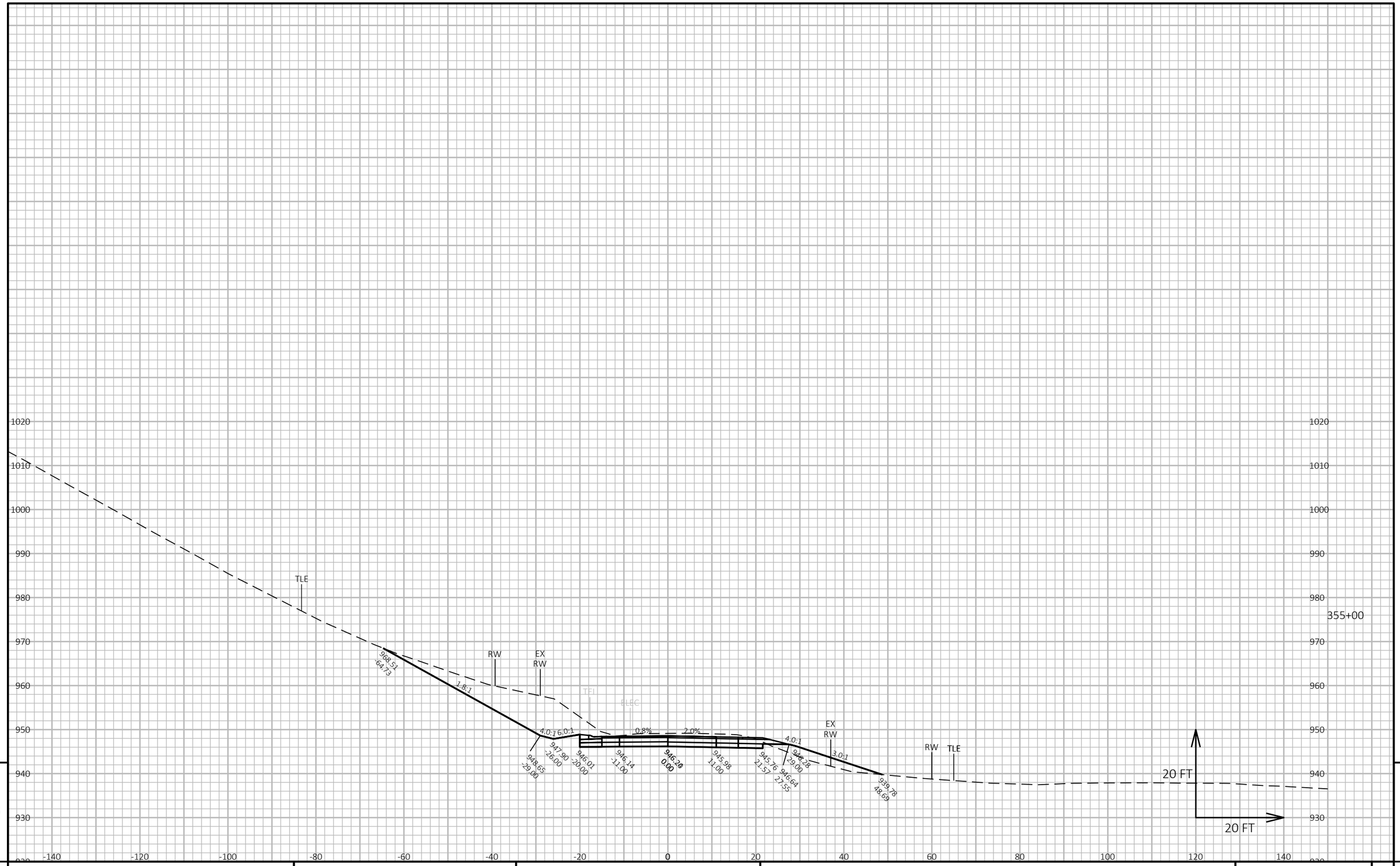
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 607	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_142

PLOT DATE : 7/21/2022 4:30 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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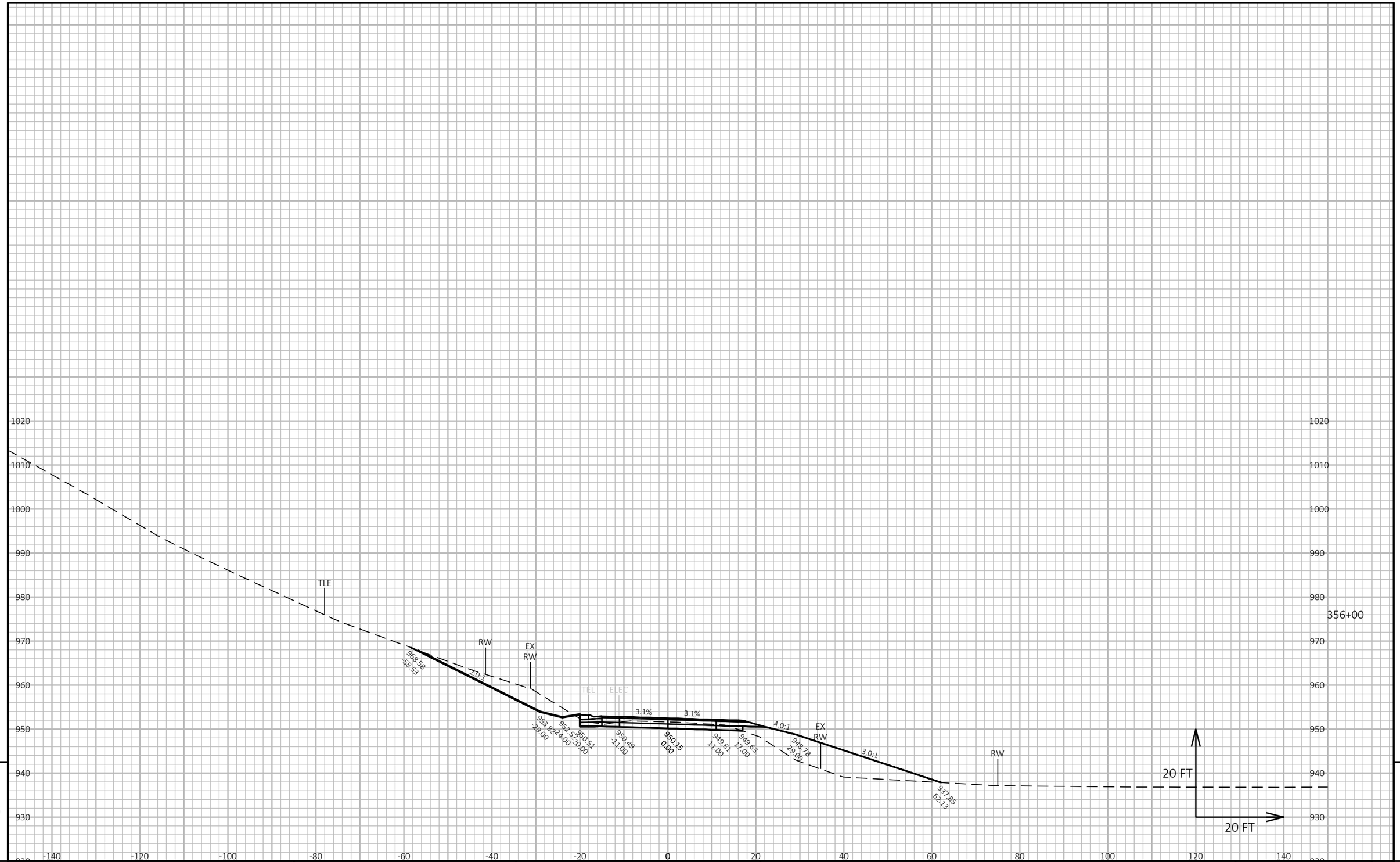
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 608	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_143

PLOT DATE : 7/30/2023 8:28 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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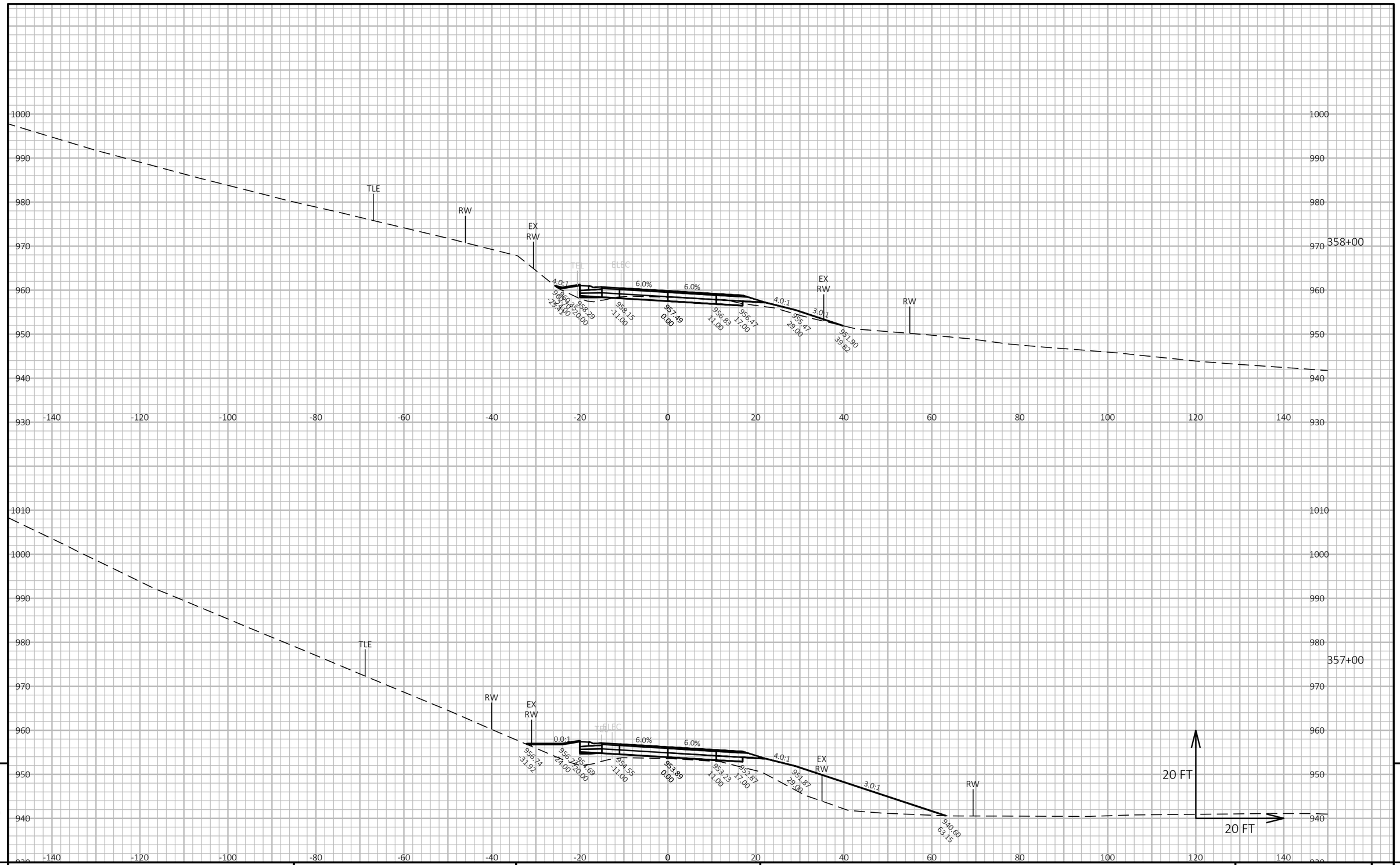
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 609	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_144

PLOT DATE : 7/30/2023 8:31 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 610	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_145

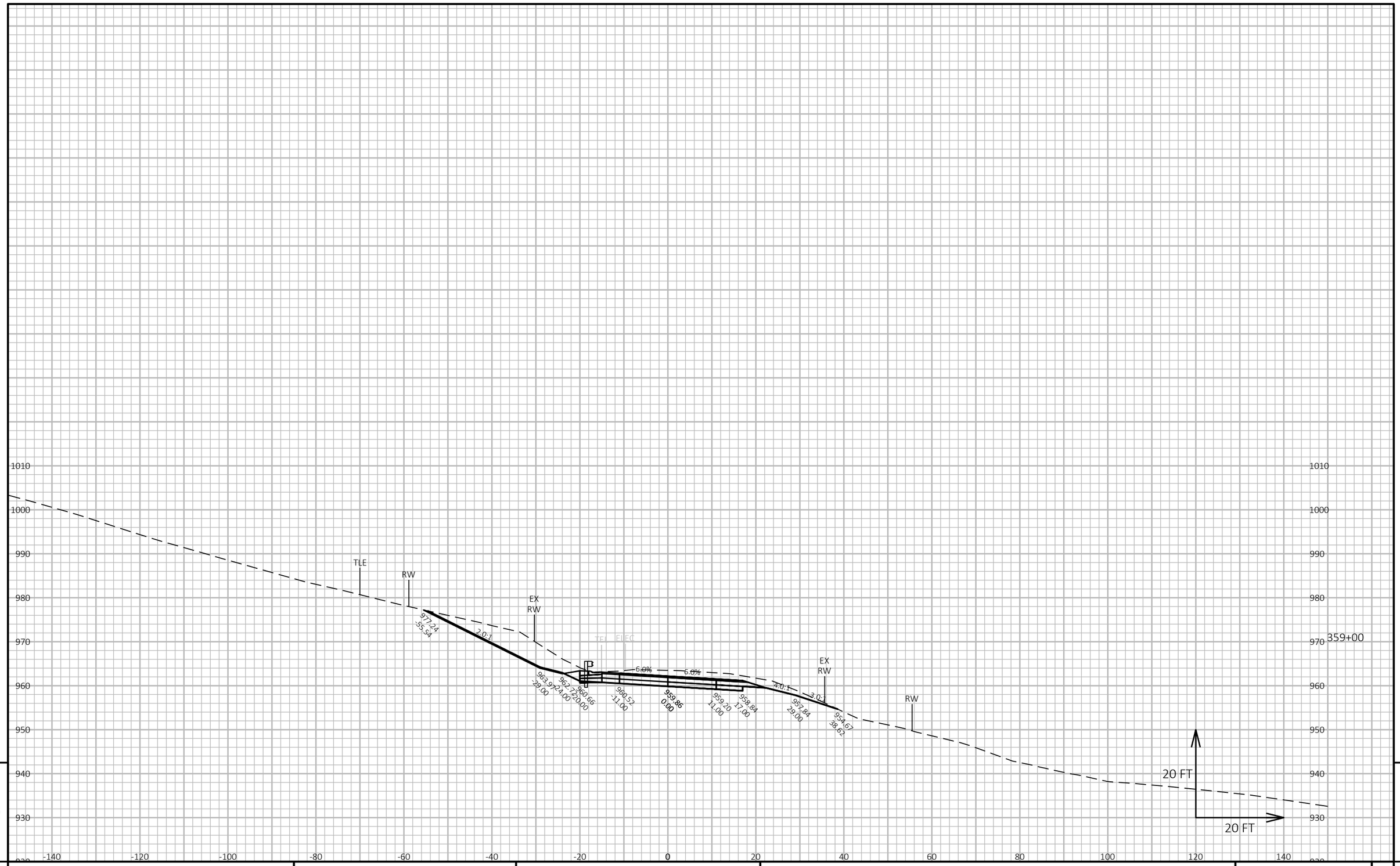
PLOT DATE : 7/30/2023 8:33 AM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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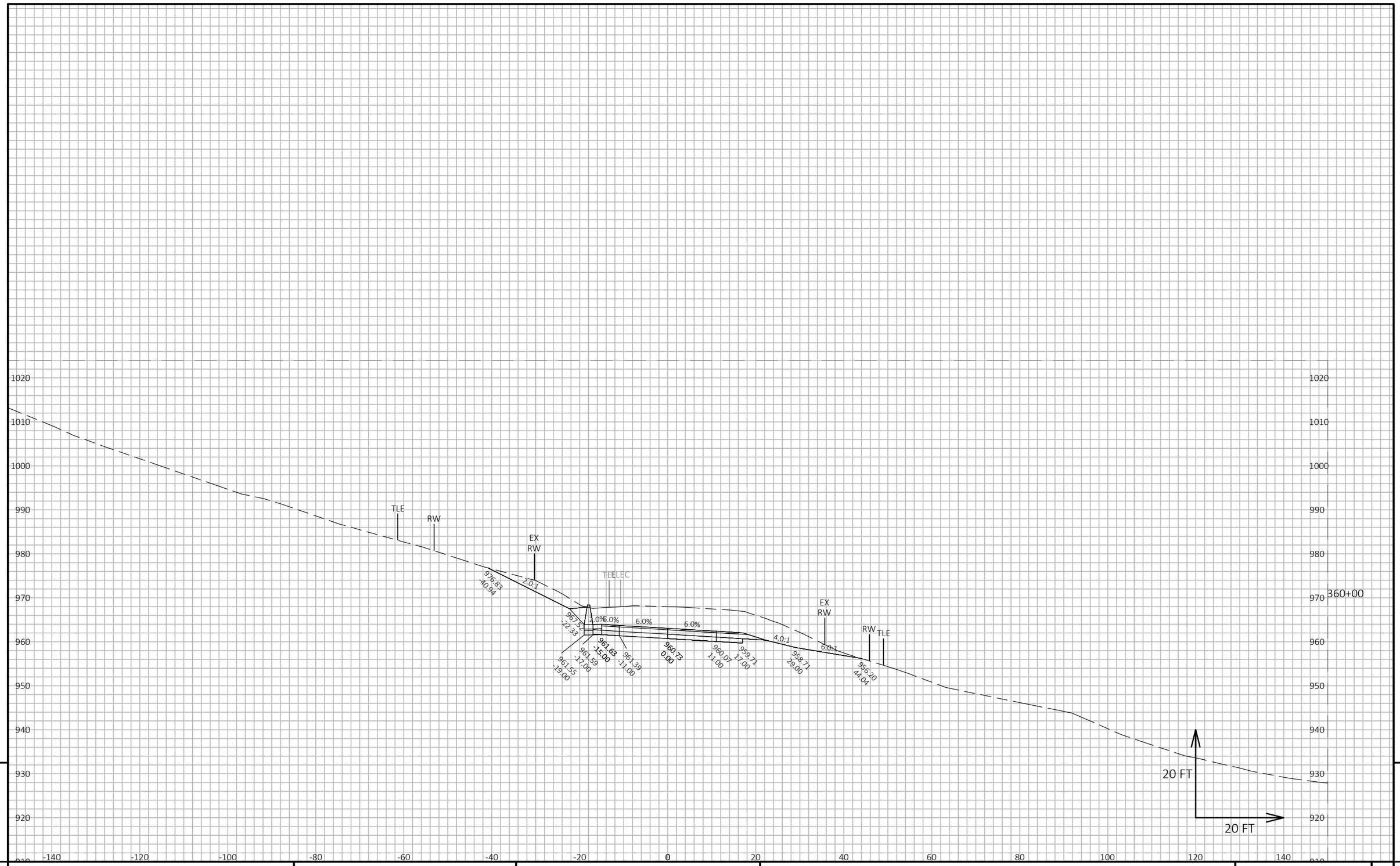
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 611	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_146

PLOT DATE : 7/30/2023 8:35 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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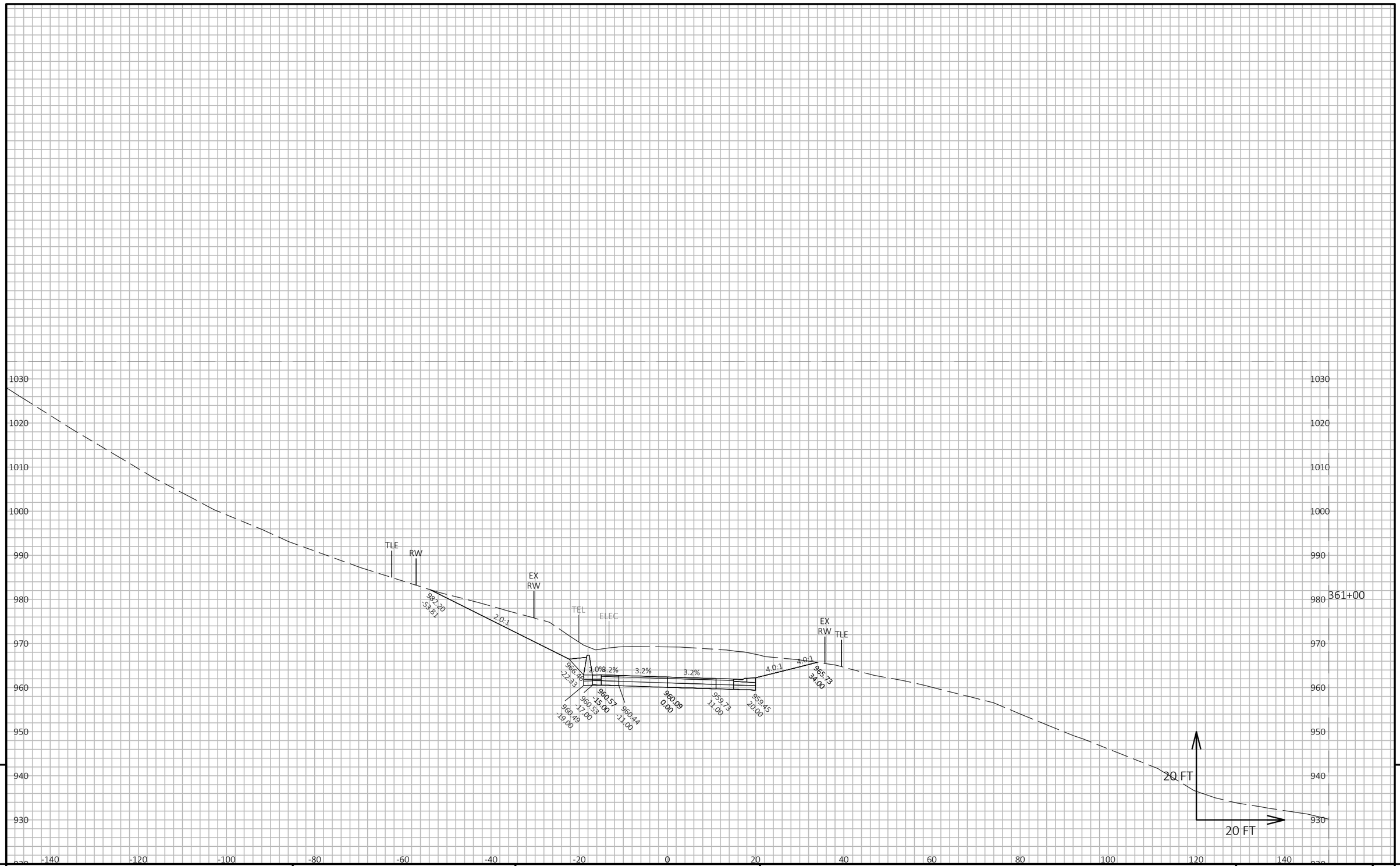
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 612	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_147

PLOT DATE : 7/21/2022 4:31 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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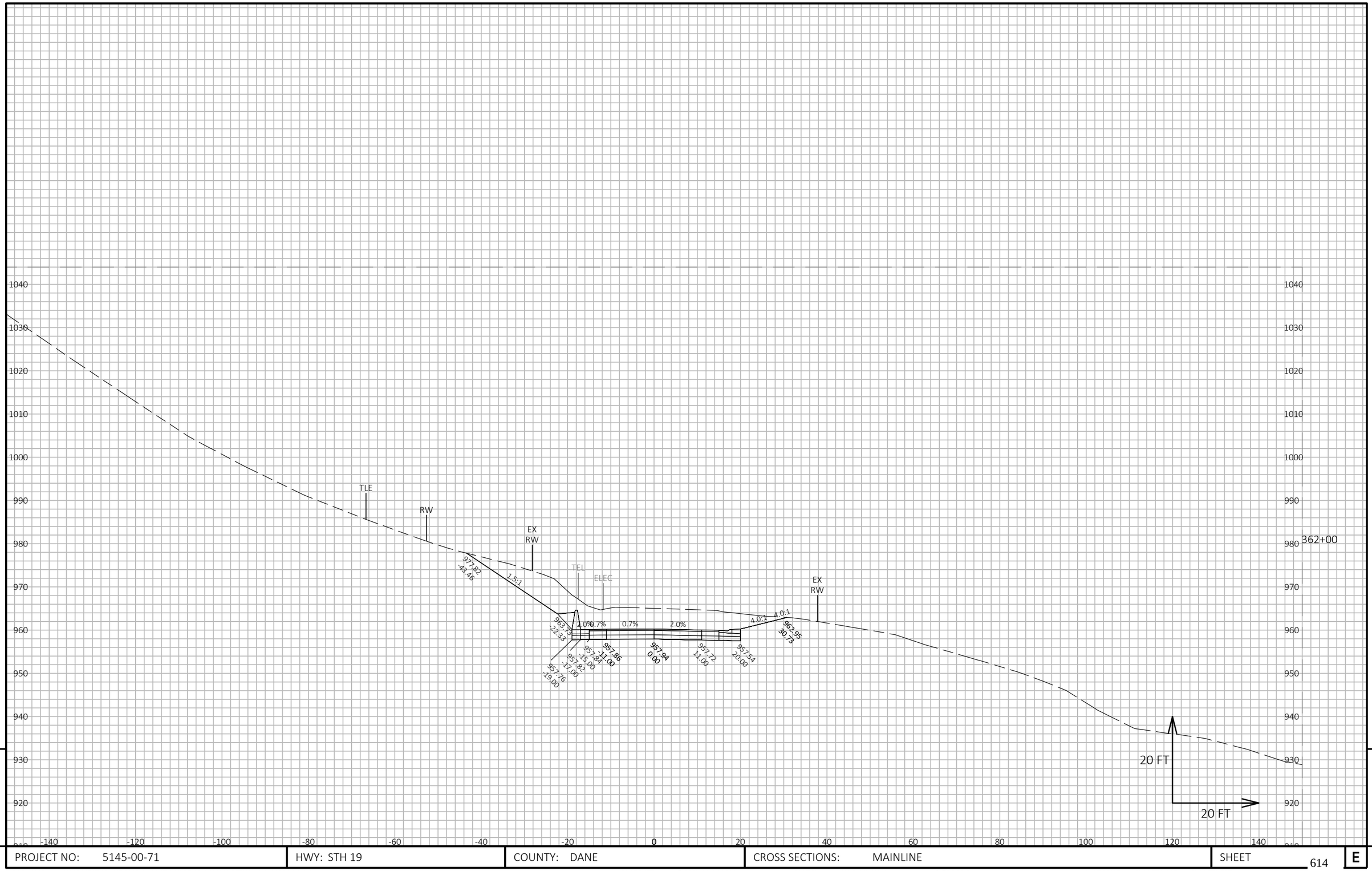
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 613	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_148

PLOT DATE : 7/21/2022 4:31 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 614	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_149

PLOT DATE : 7/21/2022 4:31 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

1030
1020
1010
1000
990
980
970
960
950
940
930
-140
-120
-100
-80
-60
-40
-20
0
20
40
60
80
100
120
140

TLE
RW
EX RW
TEL
ELEC
EX RW
363+00

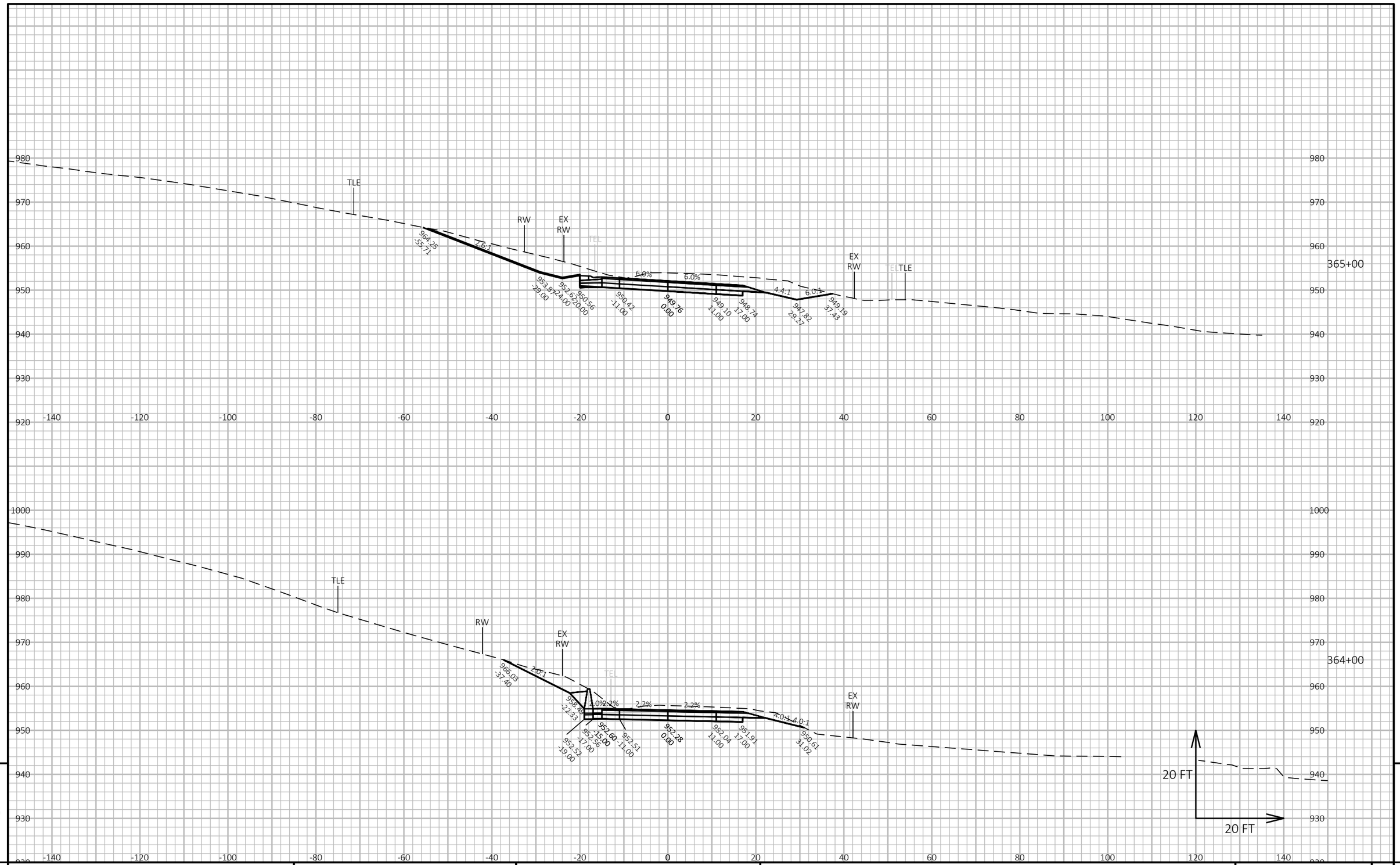
972.06
39.39
1.5:1
960.58
22.33
1.0%
4.8%
1.8%
2.0%
4.0:1
11.1:1
954.78
954.75
17.00
954.70
17.00
19.00
954.85
11.00
955.05
0.00
954.83
11.00
954.71
17.00
953.92
29.00
953.23
36.61

20 FT
20 FT

9
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 615	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_150
PLOT DATE : 7/21/2022 4:31 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 616	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_151

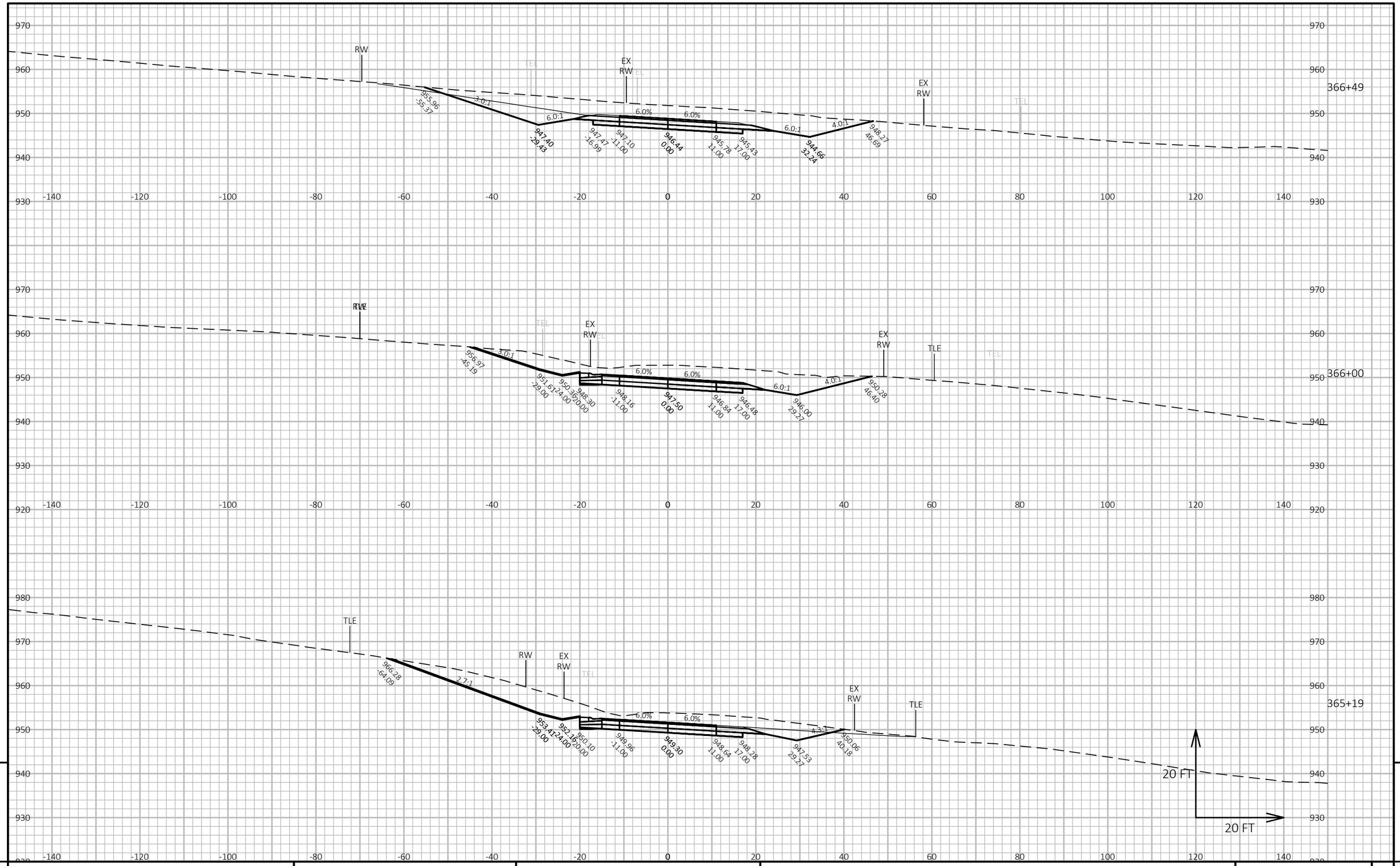
PLOT DATE : 7/30/2023 8:37 AM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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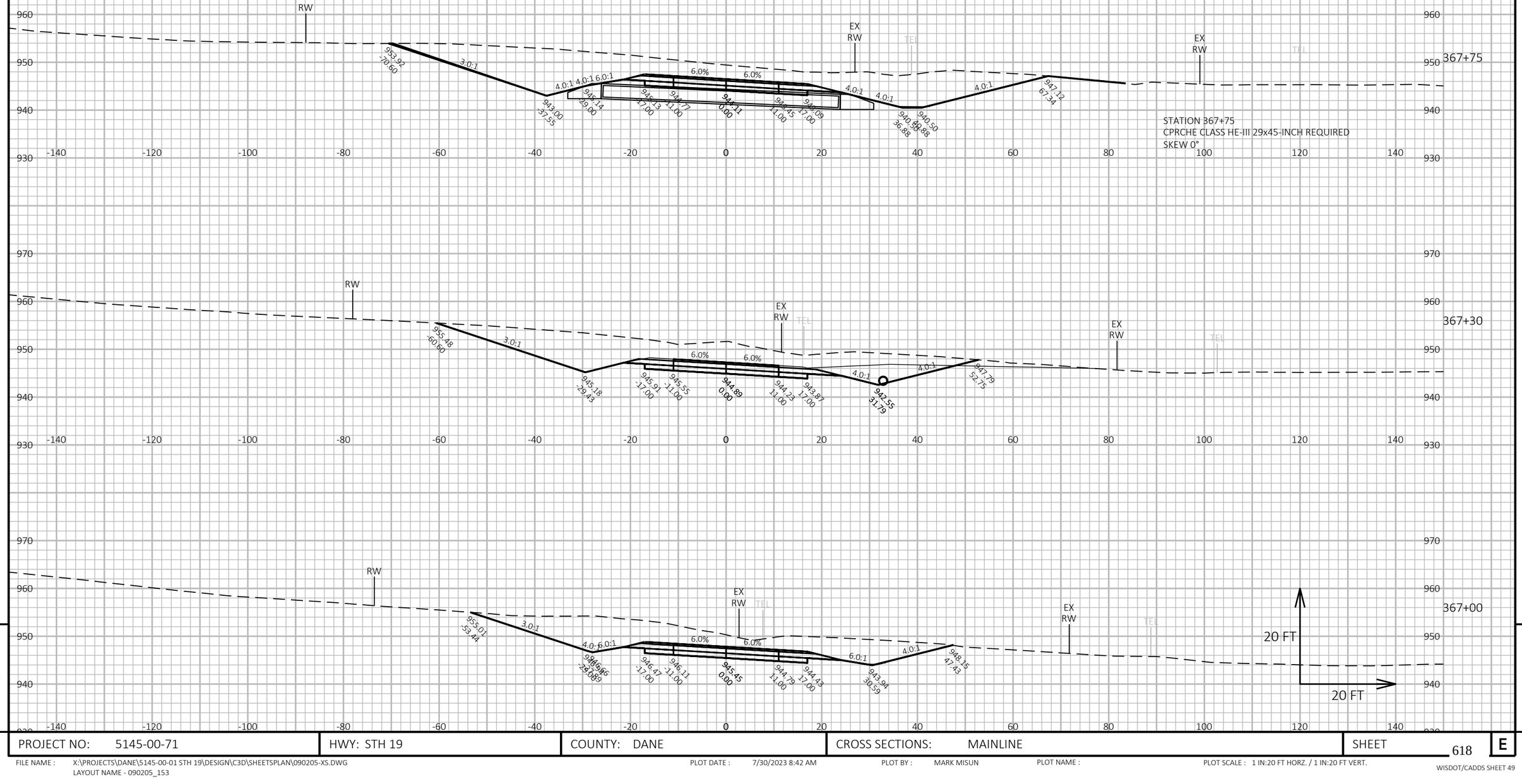
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 617	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_152

PLOT DATE : 7/30/2023 8:40 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

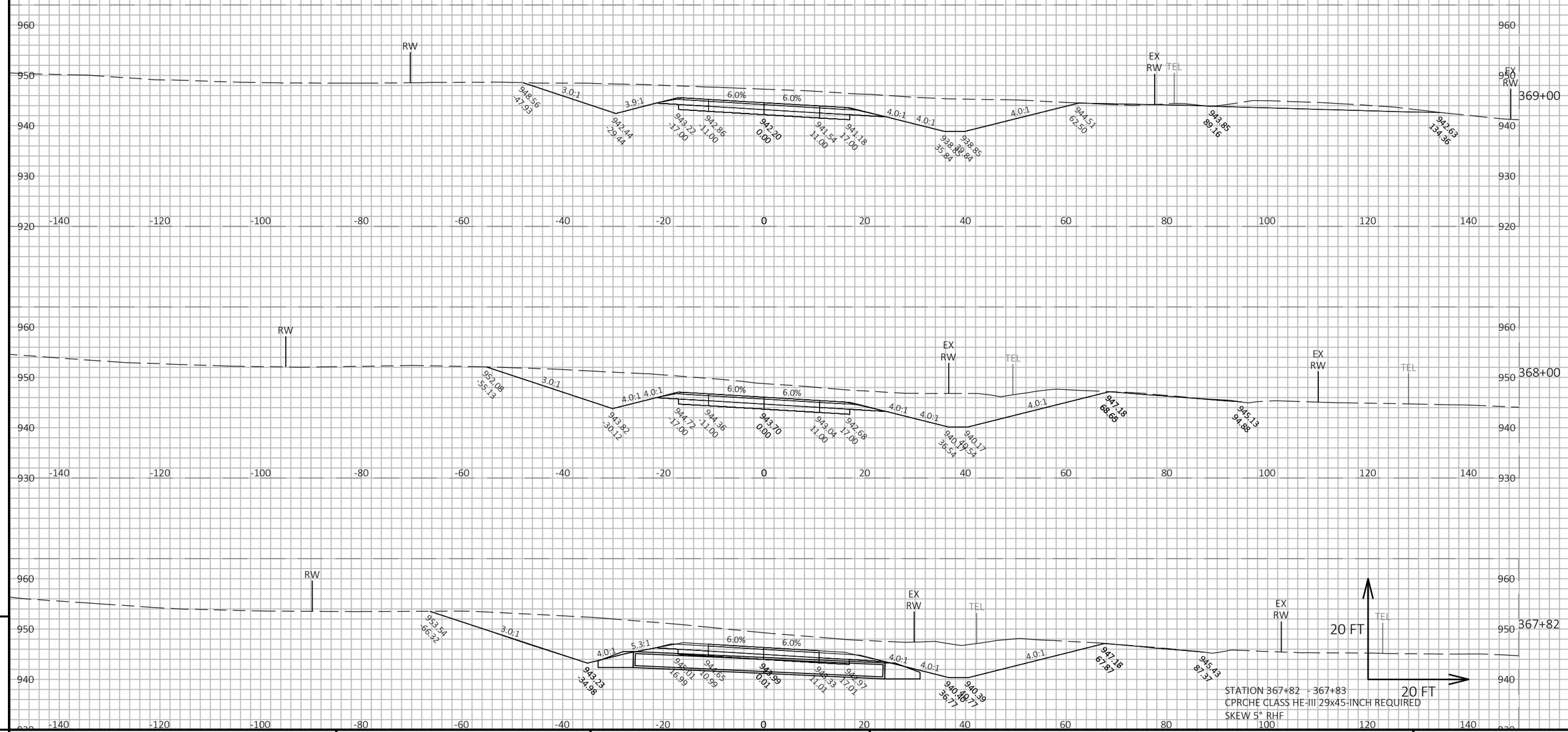
WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 618	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_153

PLOT DATE : 7/30/2023 8:42 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

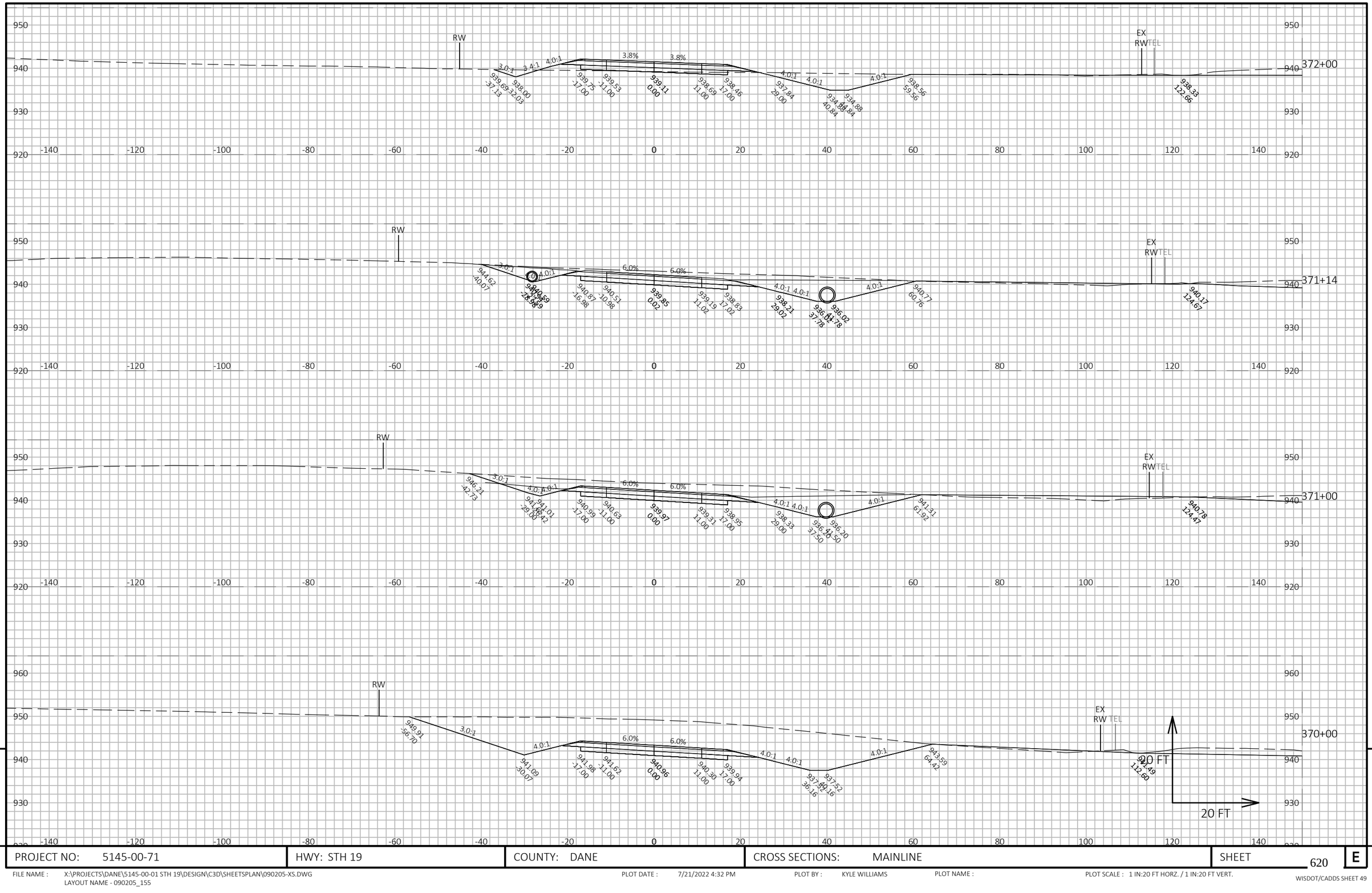


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 619	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_154

PLOT DATE : 7/21/2022 4:32 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

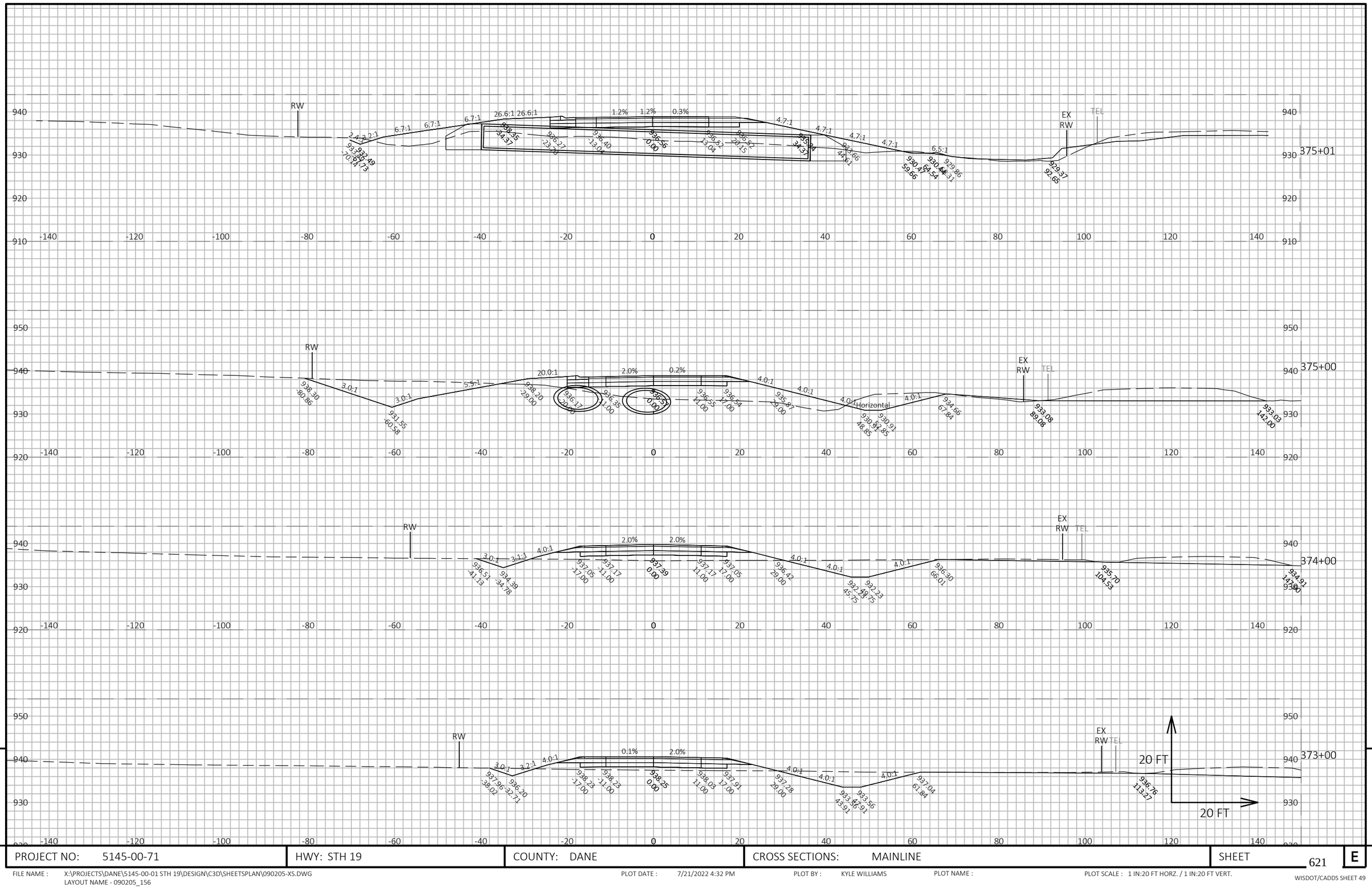


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 620	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_155

PLOT DATE : 7/21/2022 4:32 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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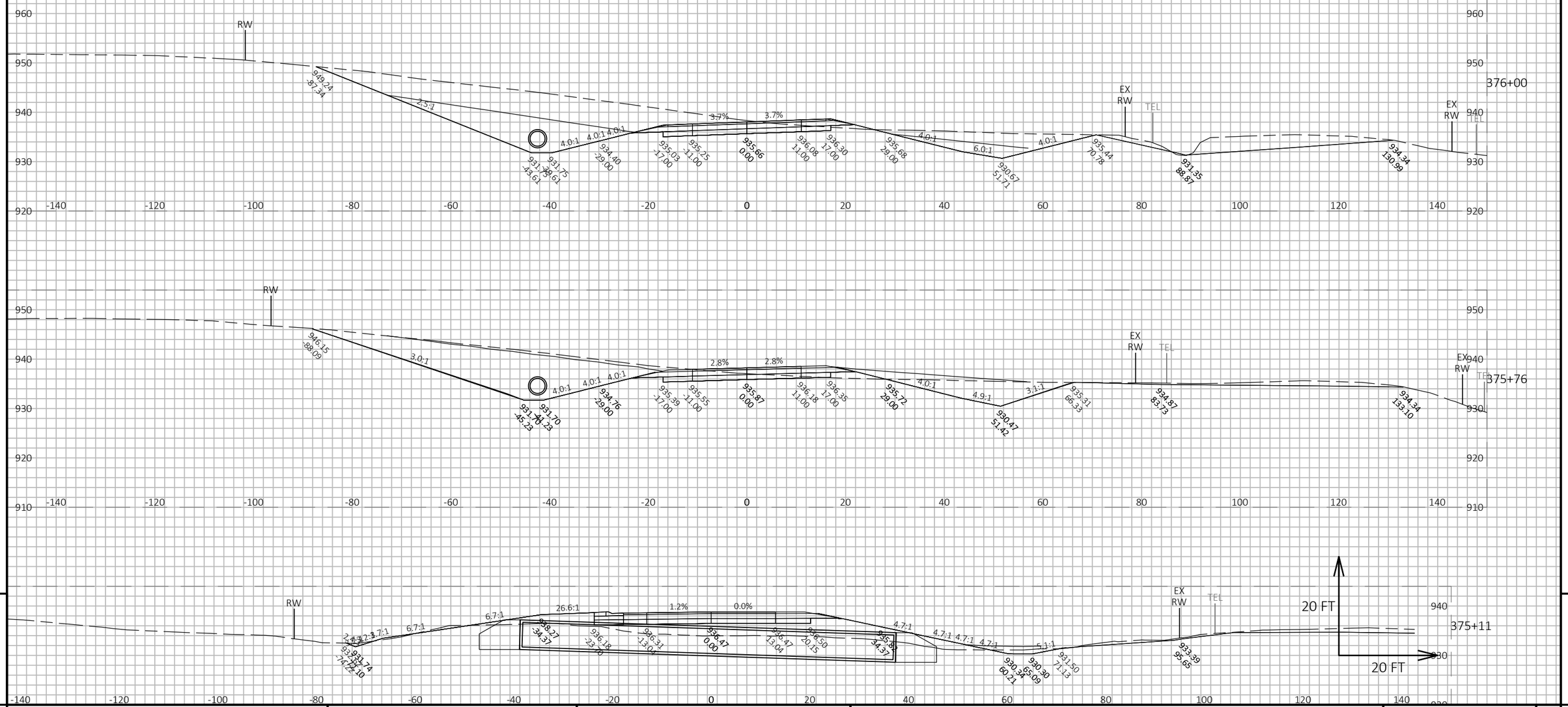
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 621	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_156

PLOT DATE : 7/21/2022 4:32 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 622	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_157

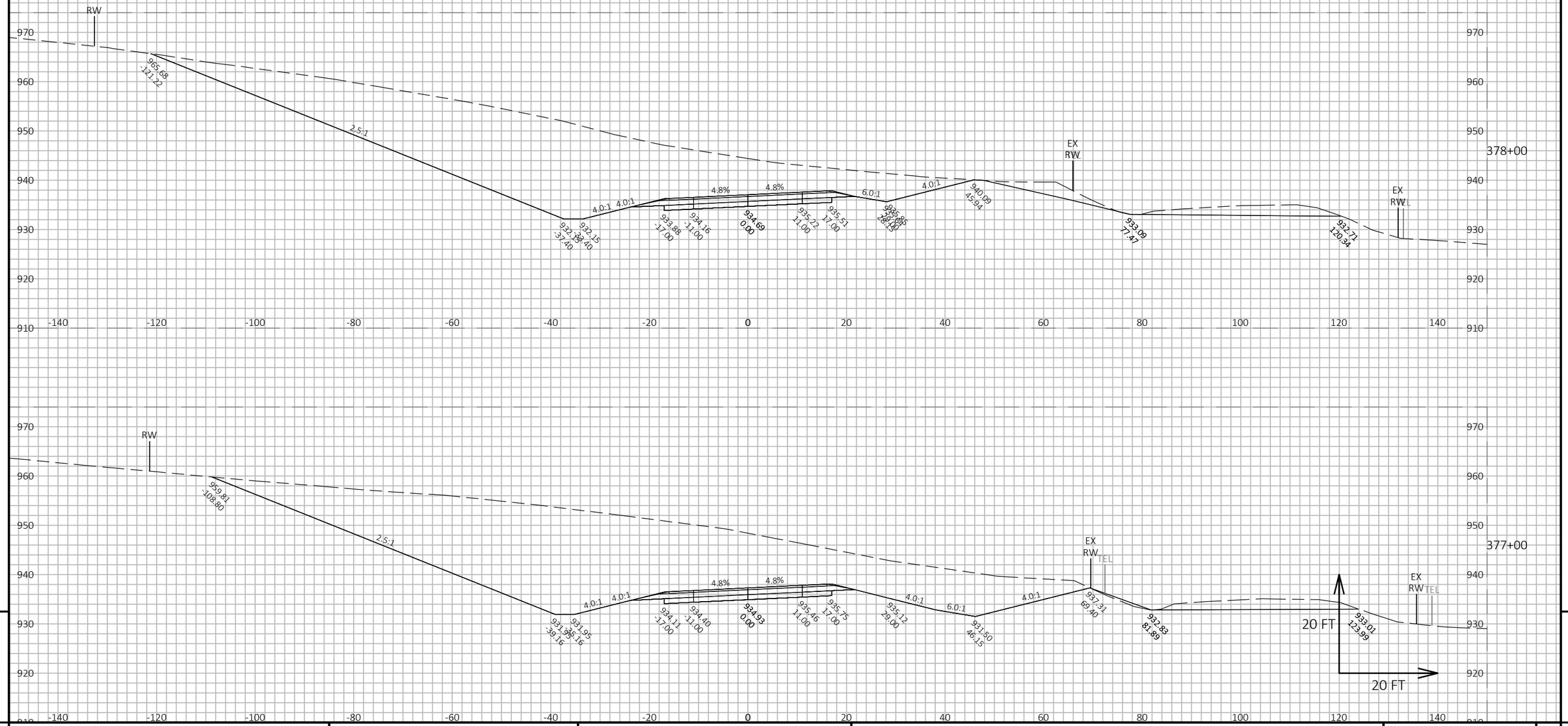
PLOT DATE : 7/21/2022 4:32 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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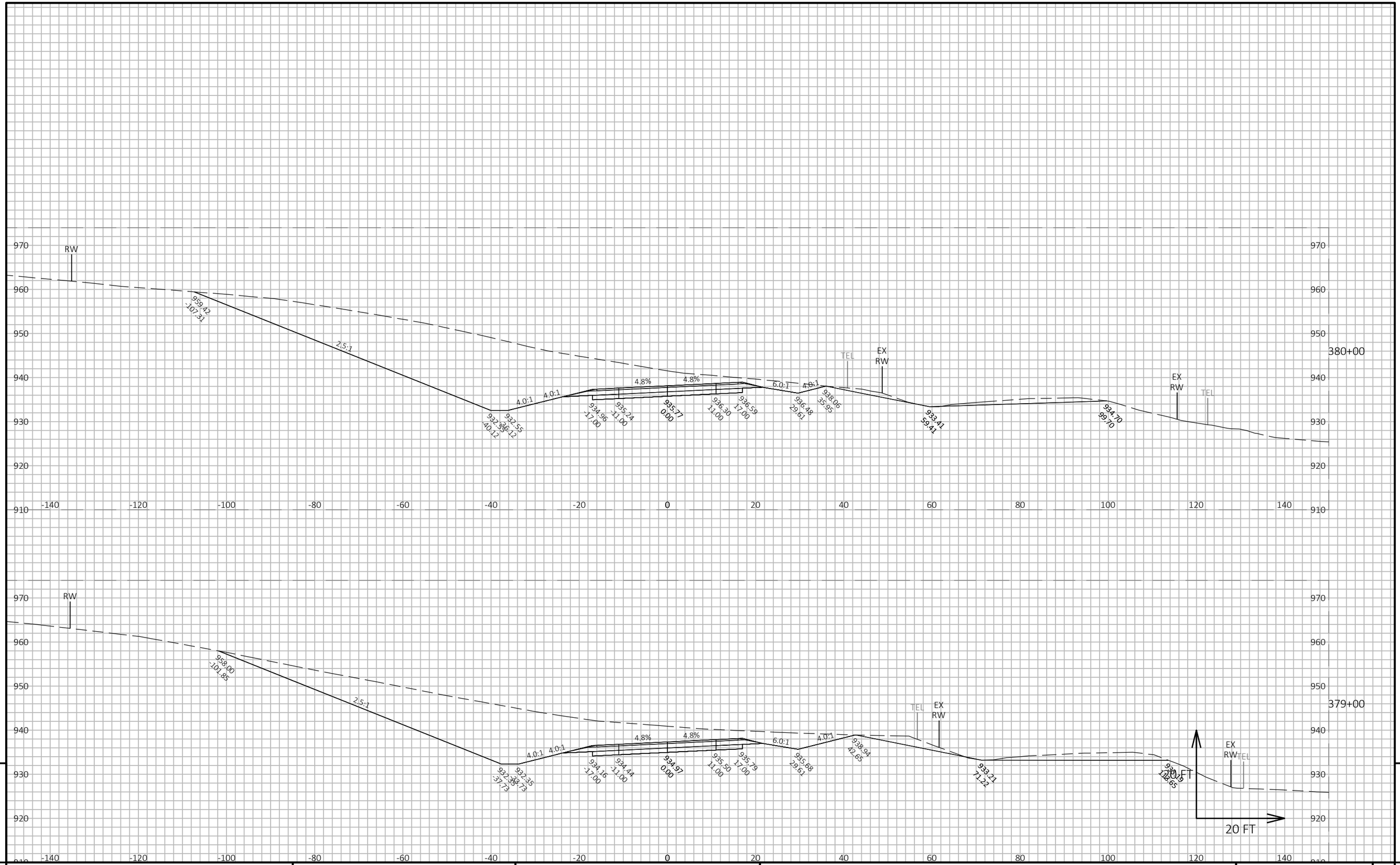
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 623	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_158

PLOT DATE : 7/21/2022 4:32 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 624	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_159

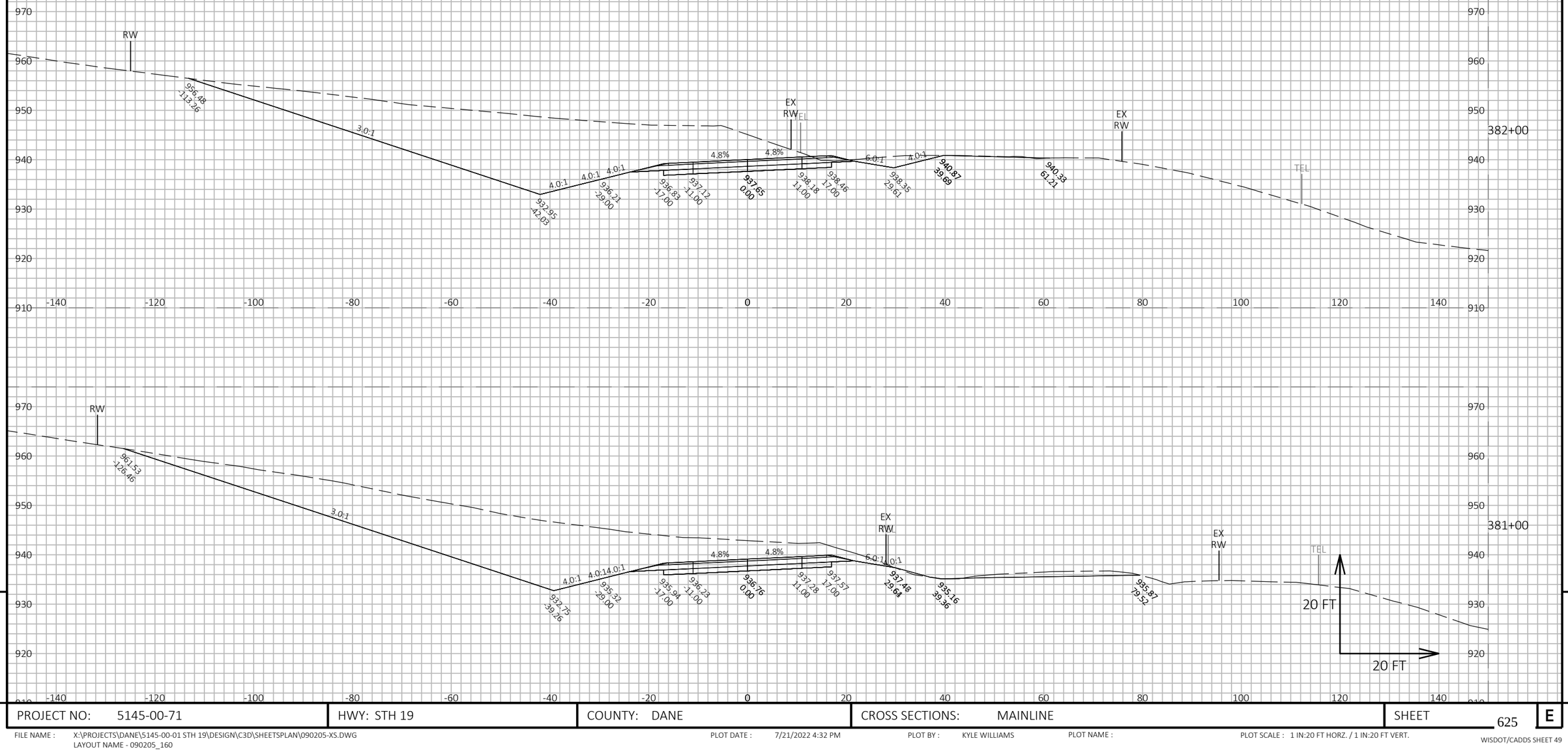
PLOT DATE : 7/21/2022 4:32 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

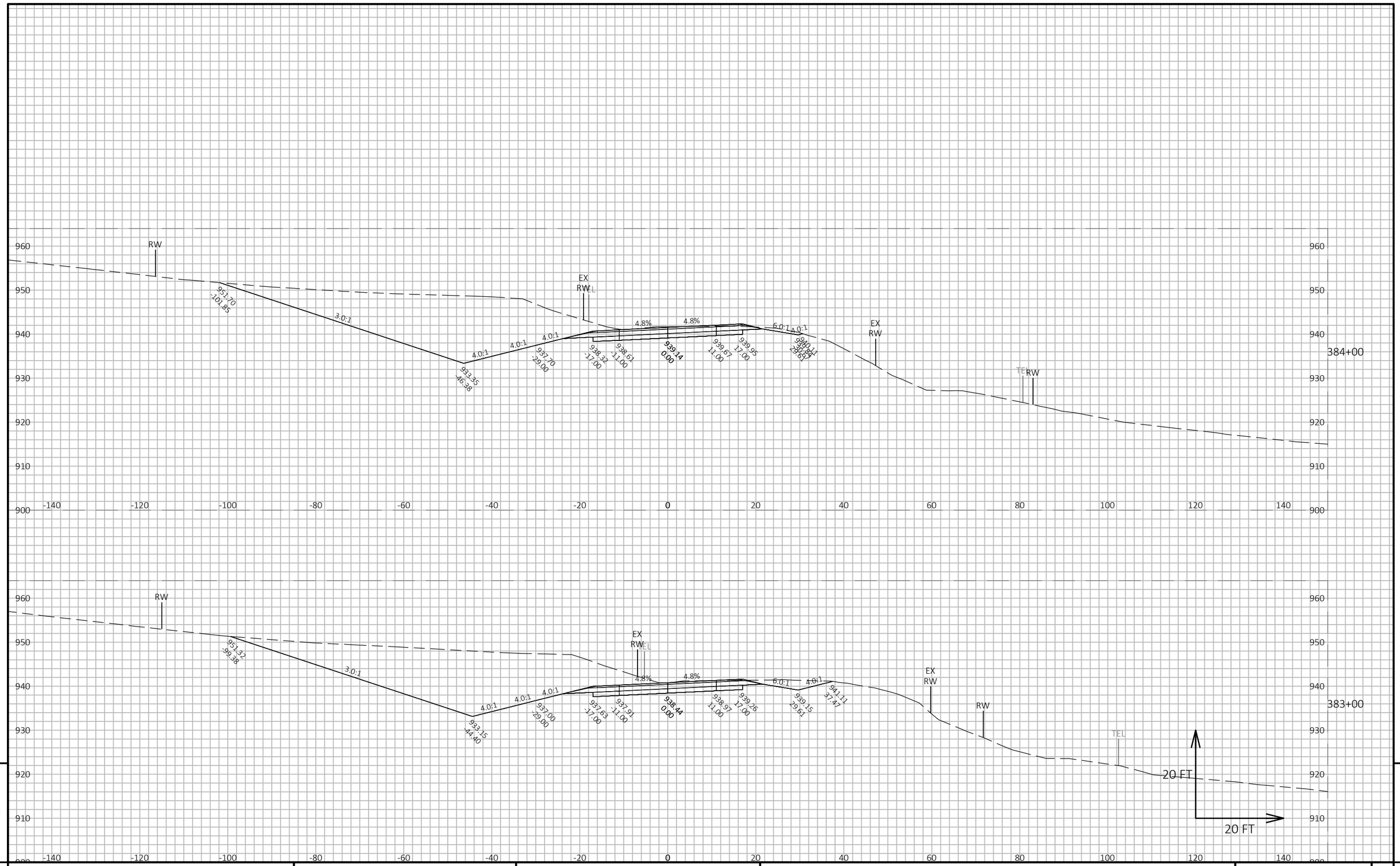


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 625	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_160

PLOT DATE : 7/21/2022 4:32 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

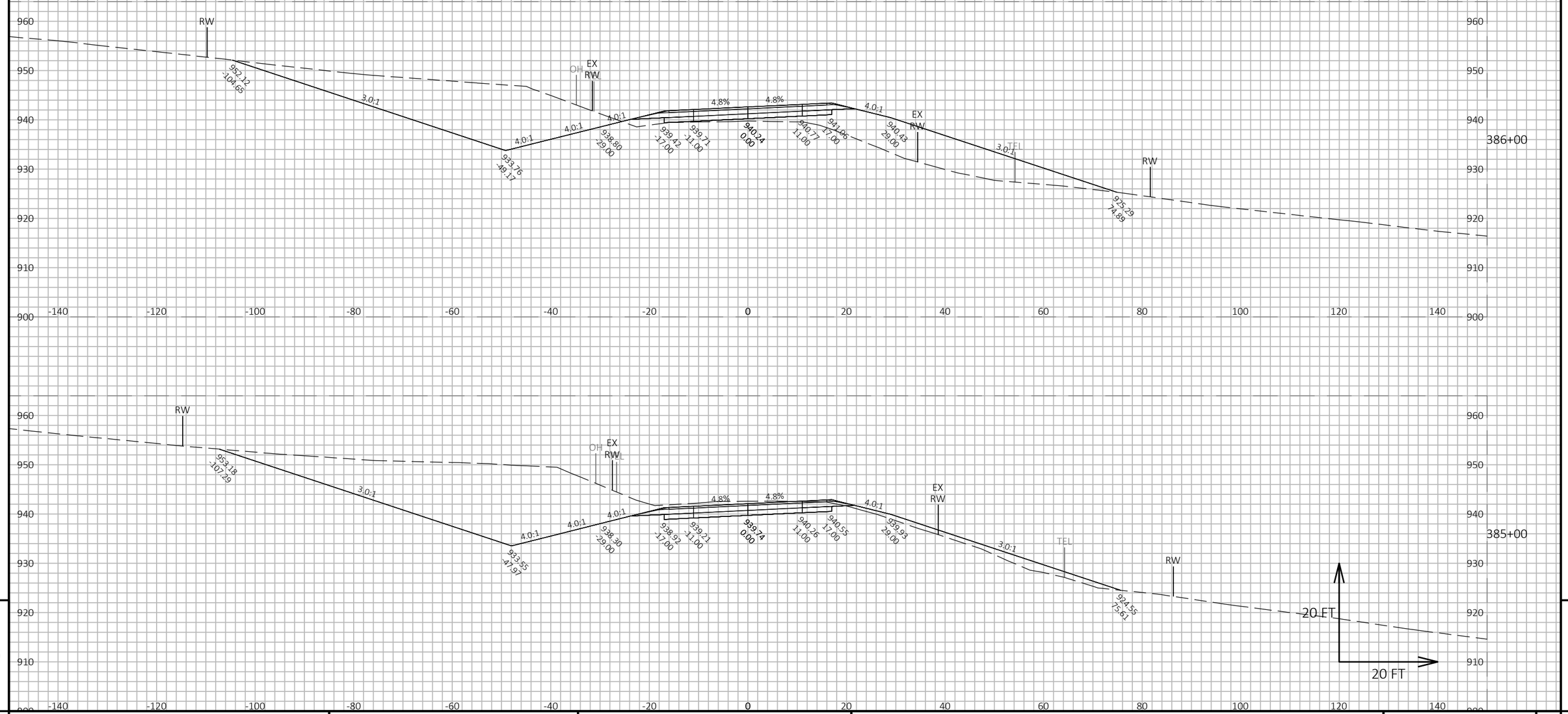


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 626 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_161

PLOT DATE : 7/21/2022 4:32 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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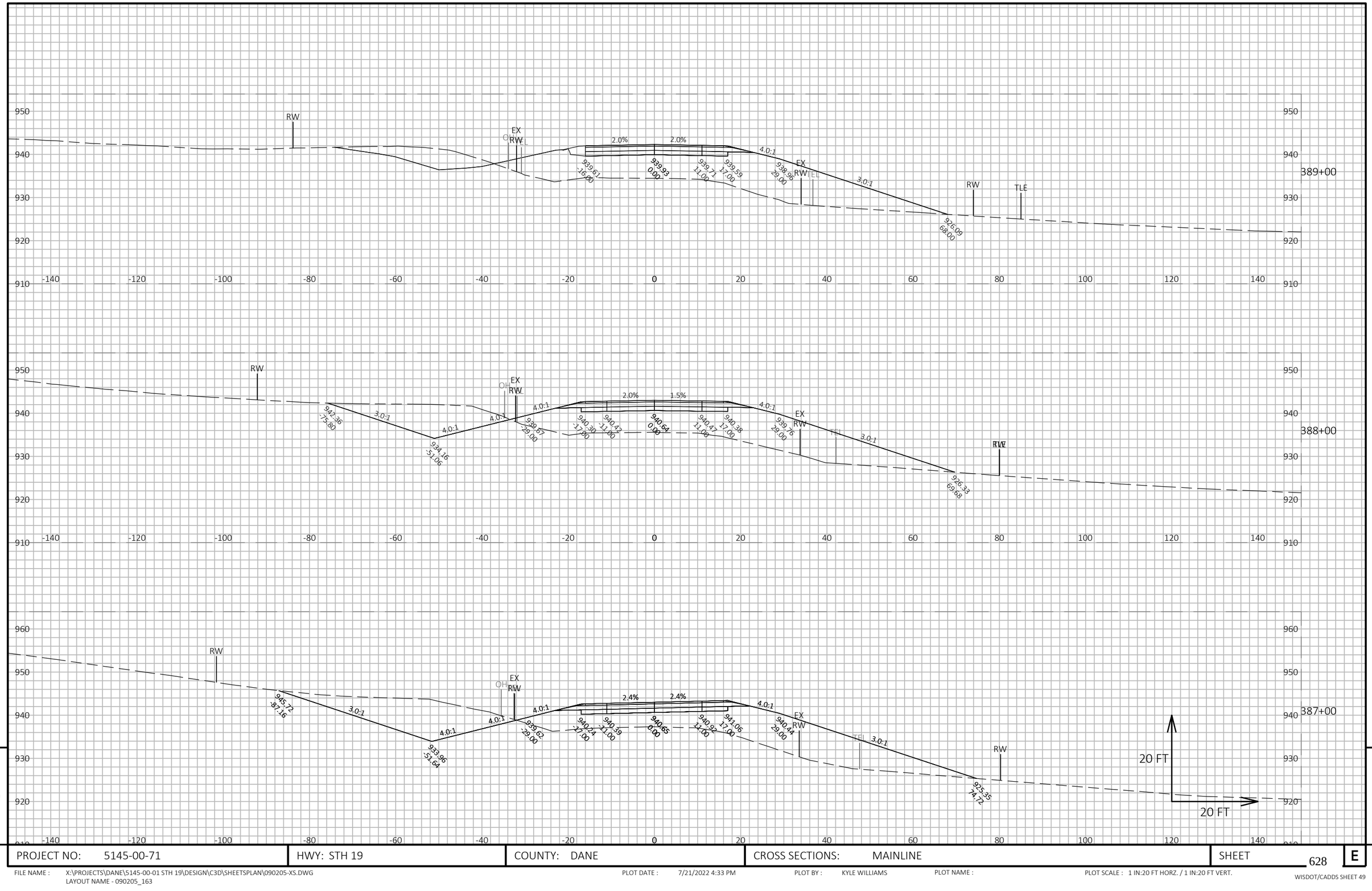
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 627	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_162

PLOT DATE : 7/21/2022 4:33 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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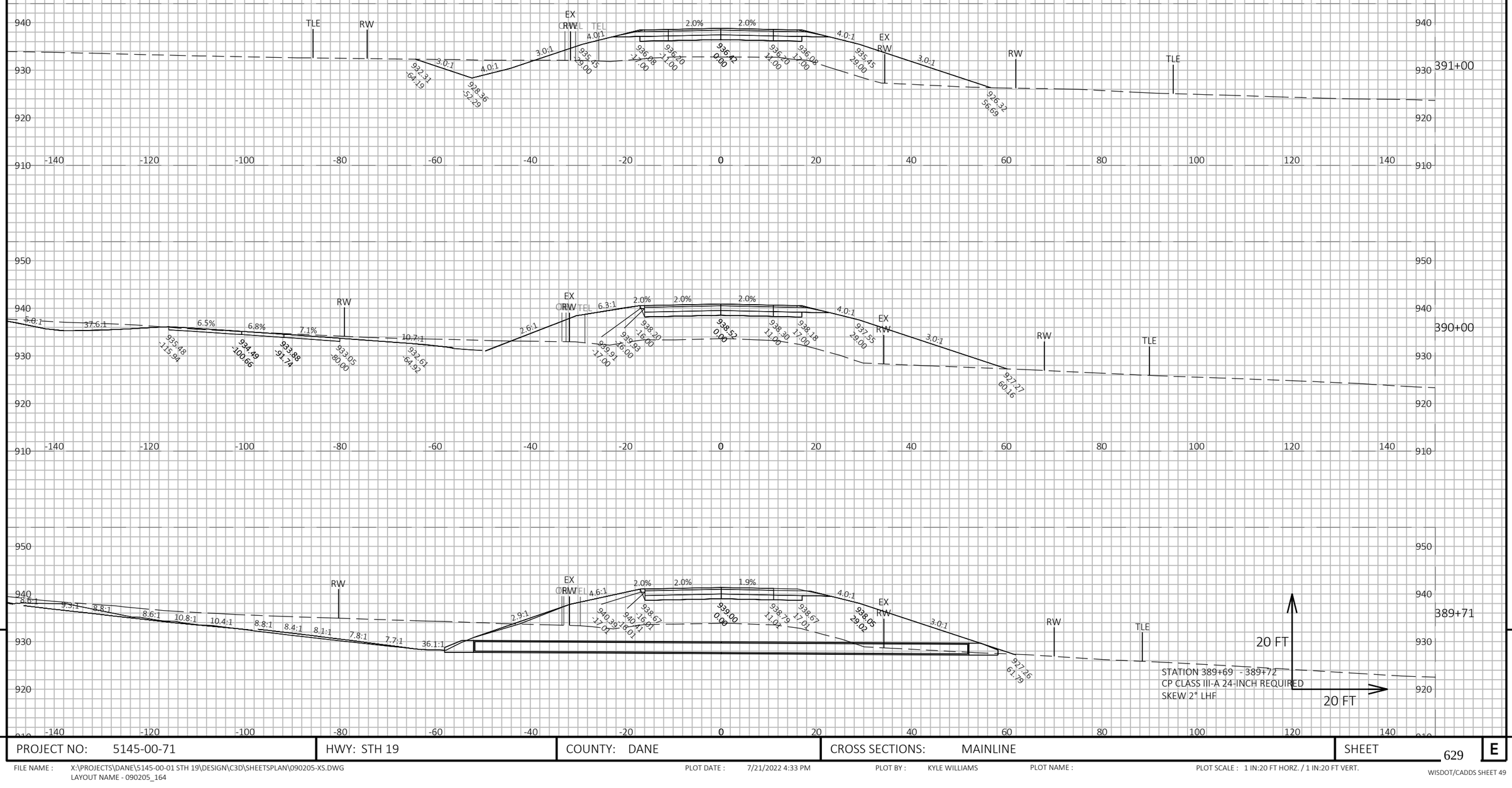
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 628	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_163

PLOT DATE : 7/21/2022 4:33 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

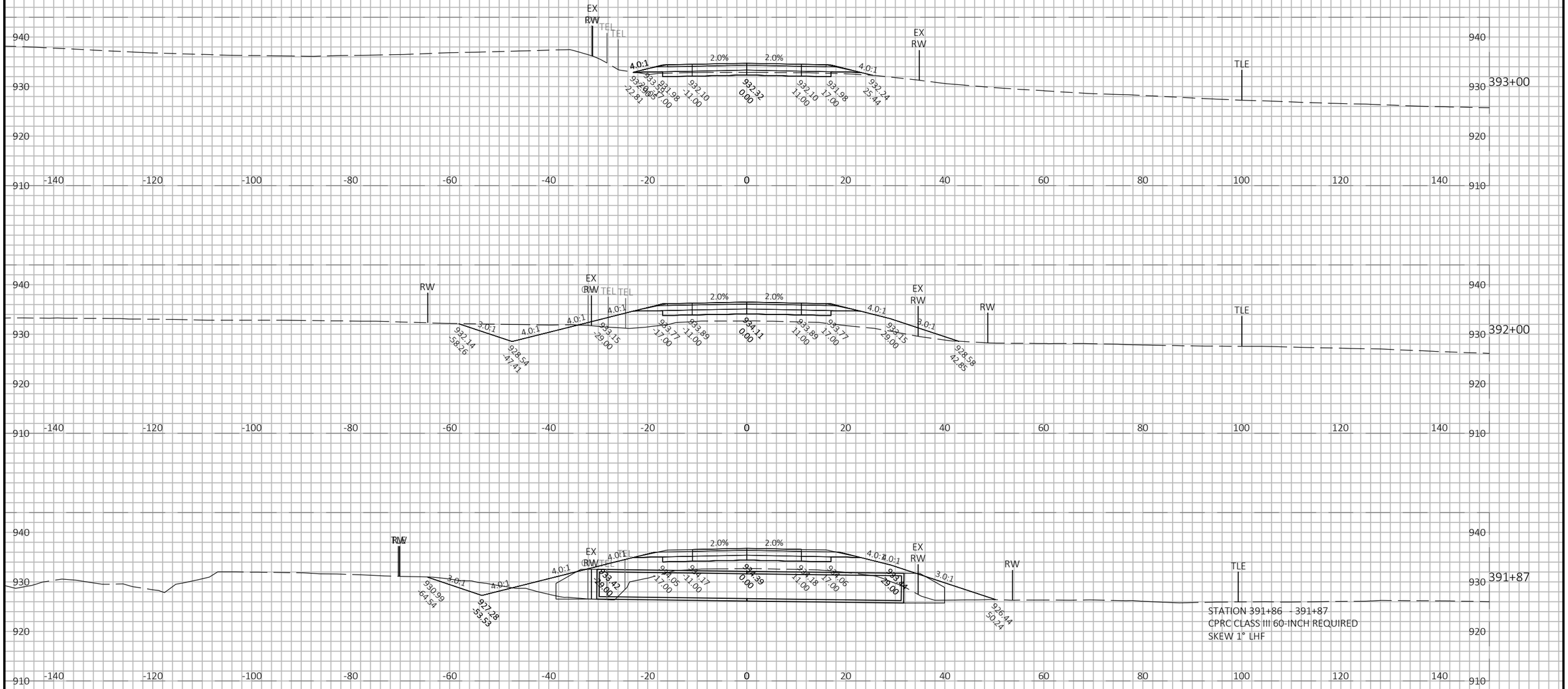


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 629	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_164

PLOT DATE : 7/21/2022 4:33 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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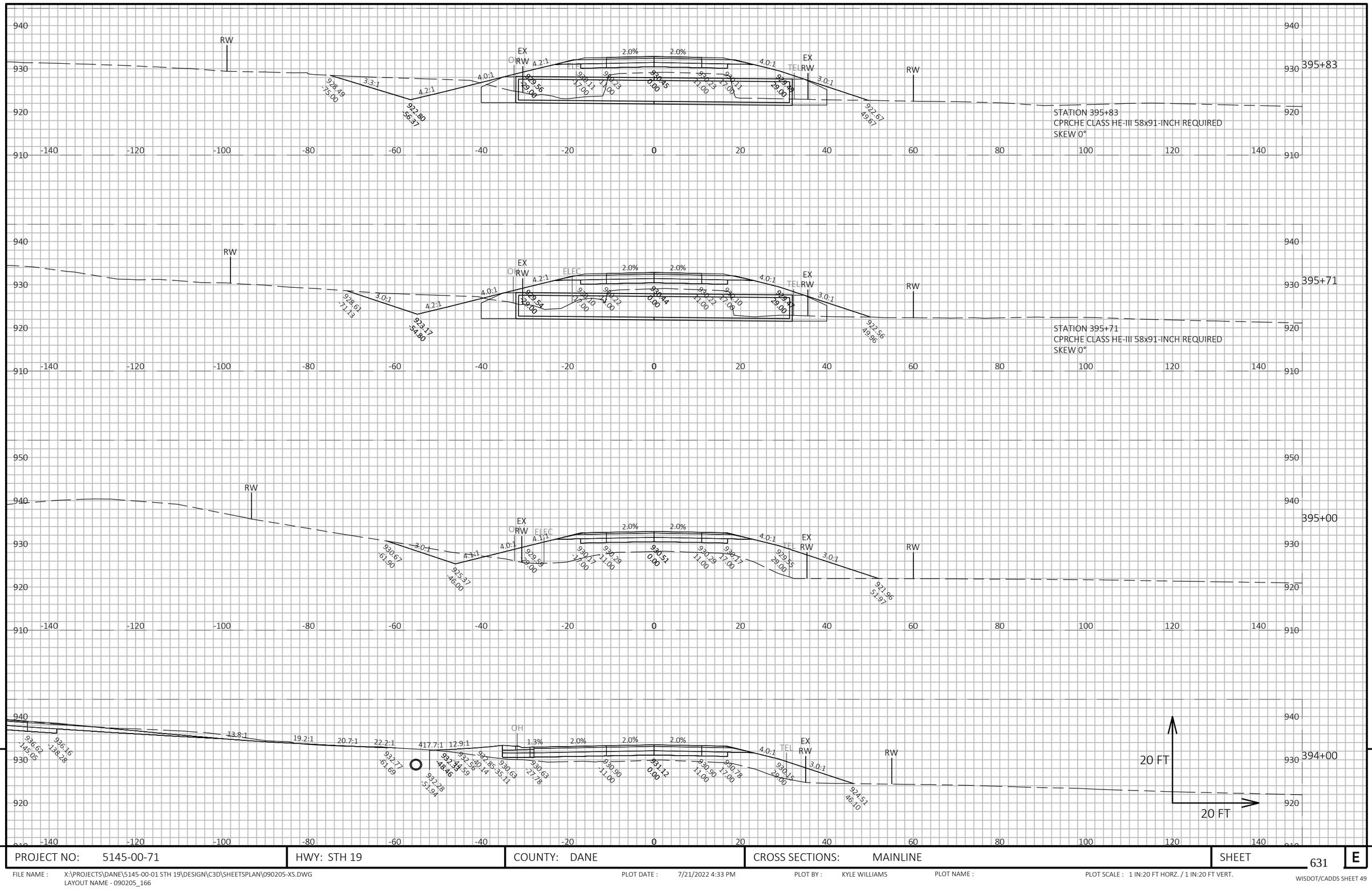
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 630	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_165
PLOT DATE : 7/21/2022 4:33 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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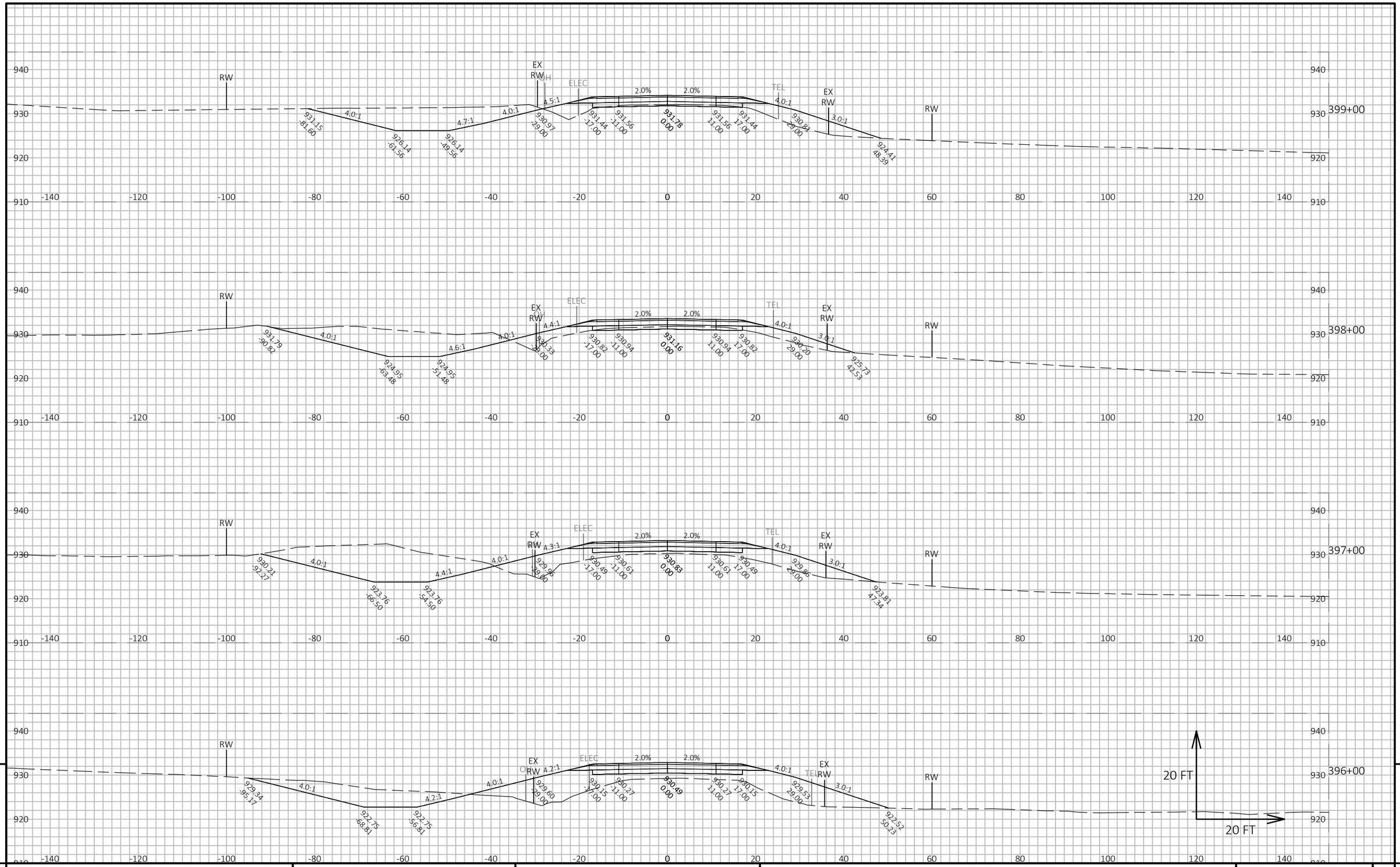
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 631	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_166
PLOT DATE : 7/21/2022 4:33 PM
PLOT BY : KYLE WILLIAMS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.
WISDOT/CADDS SHEET 49



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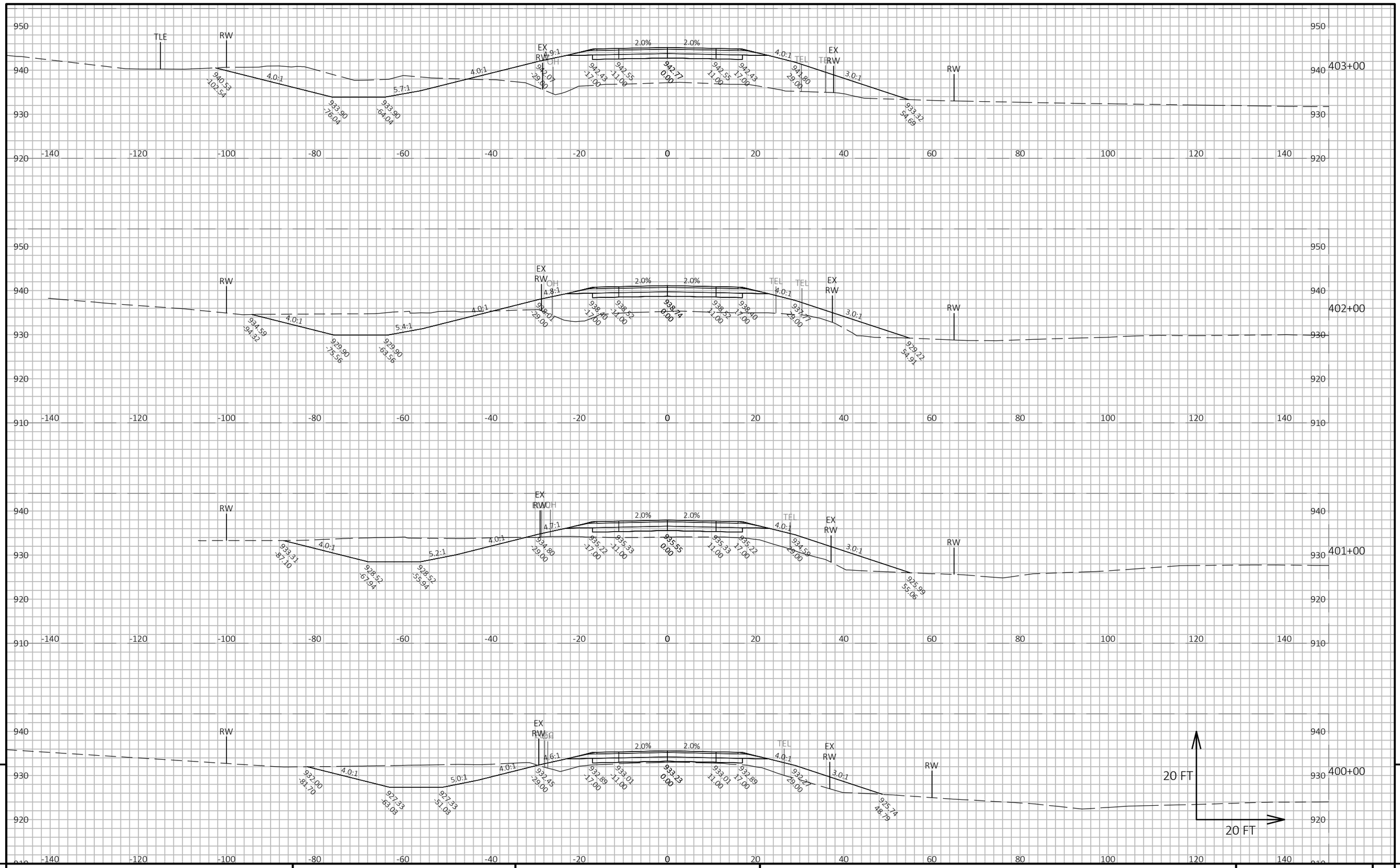
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 632	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_167

PLOT DATE : 7/21/2022 4:33 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

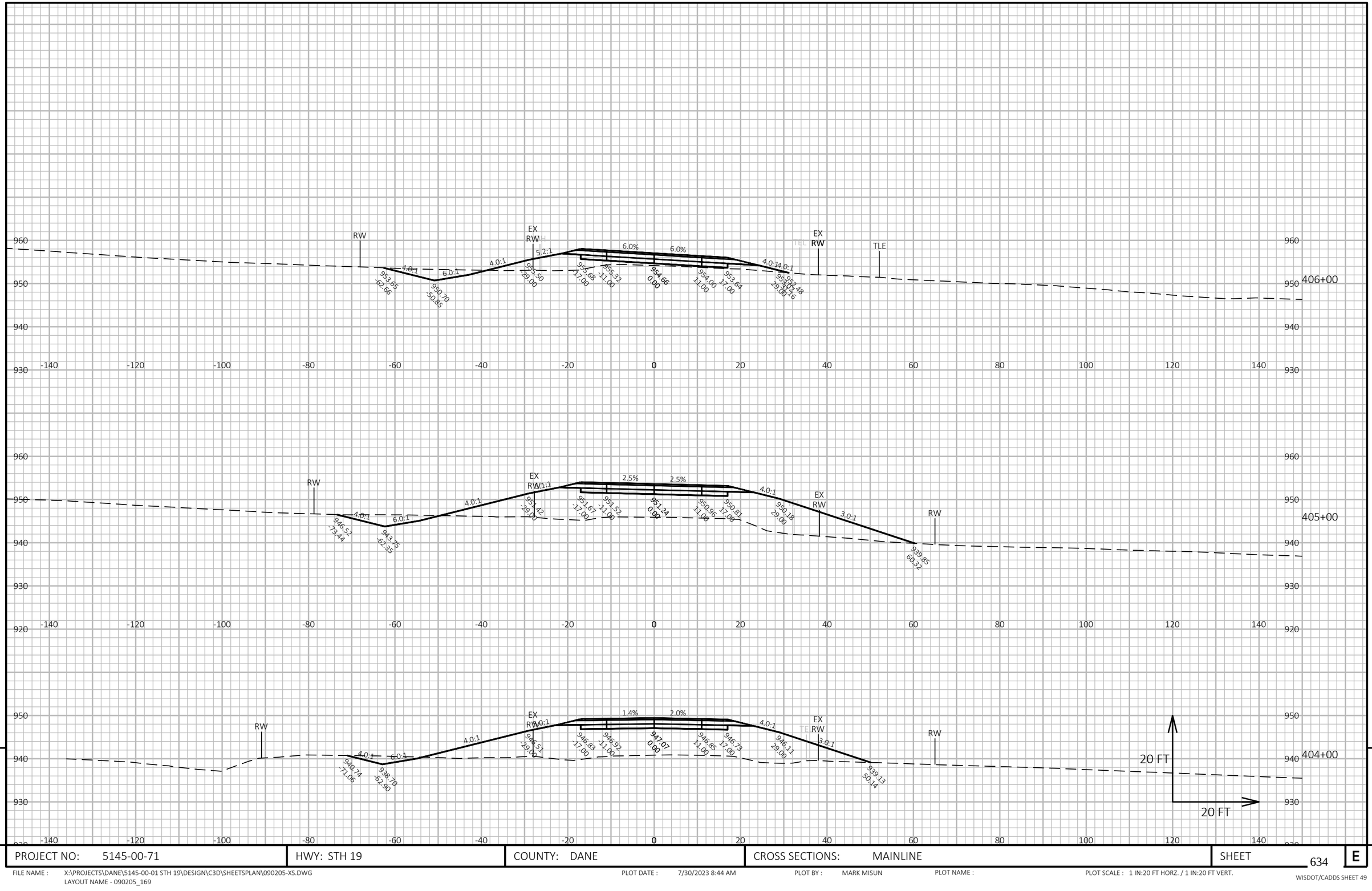


9	PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 633 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_168

PLOT DATE : 7/21/2022 4:33 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

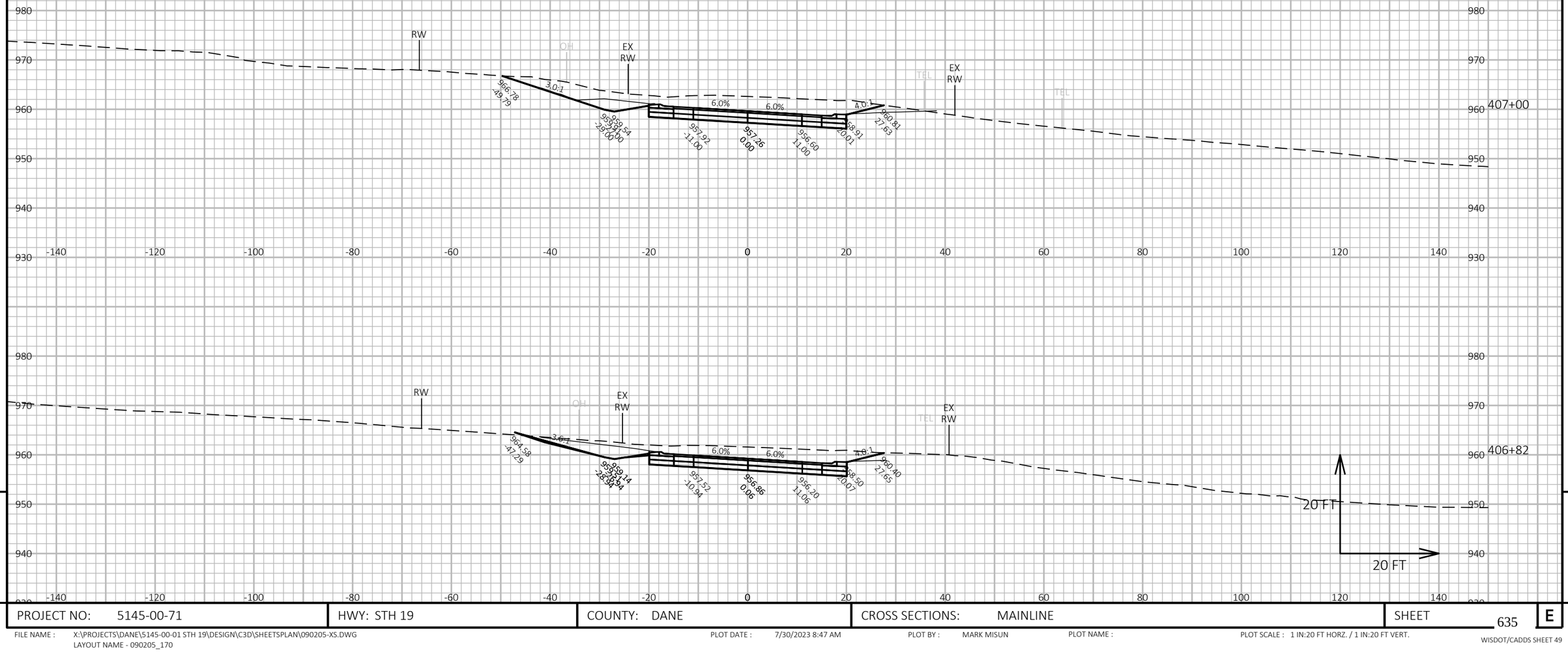


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 634	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_169

PLOT DATE : 7/30/2023 8:44 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

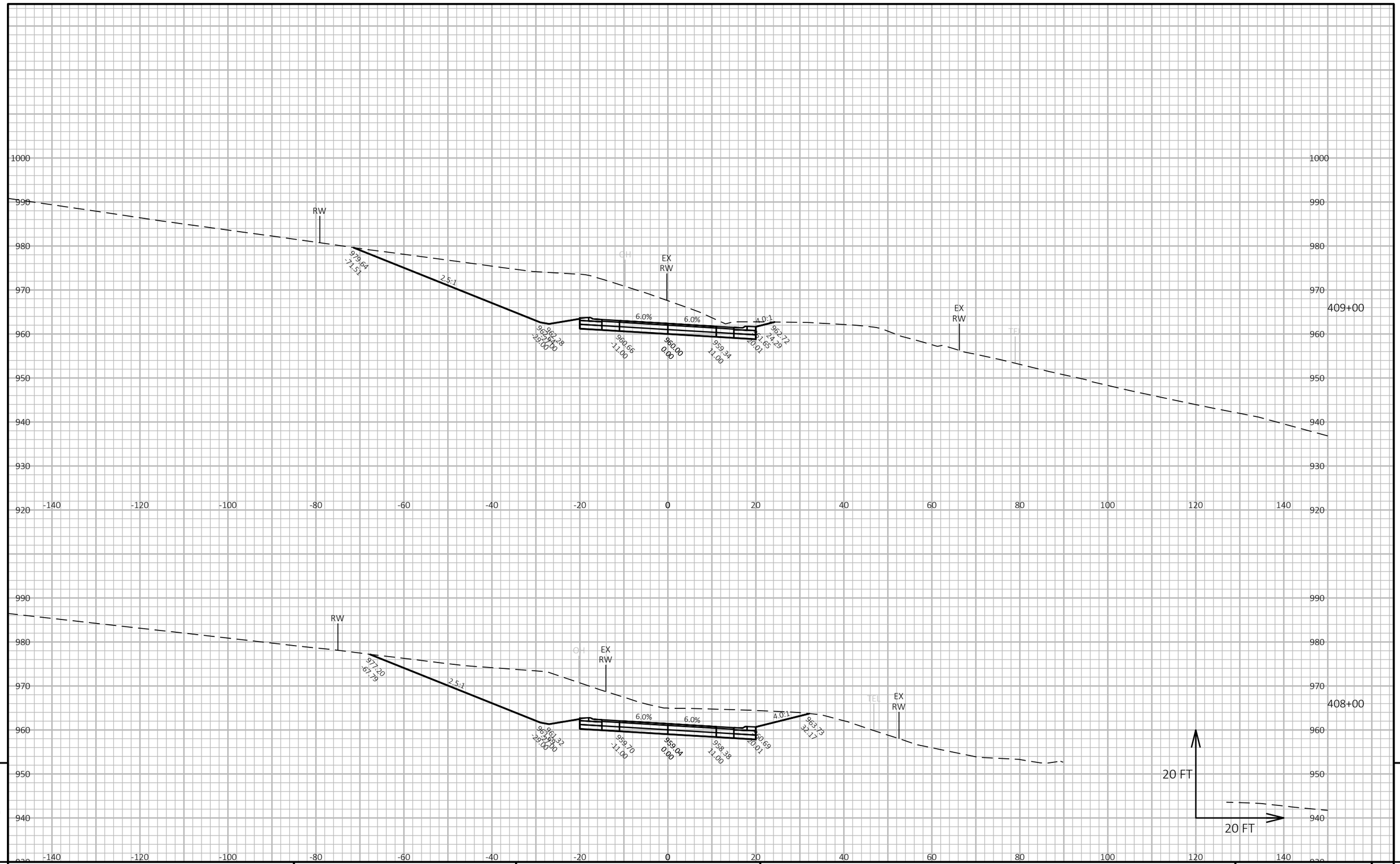


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 635	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_170

PLOT DATE : 7/30/2023 8:47 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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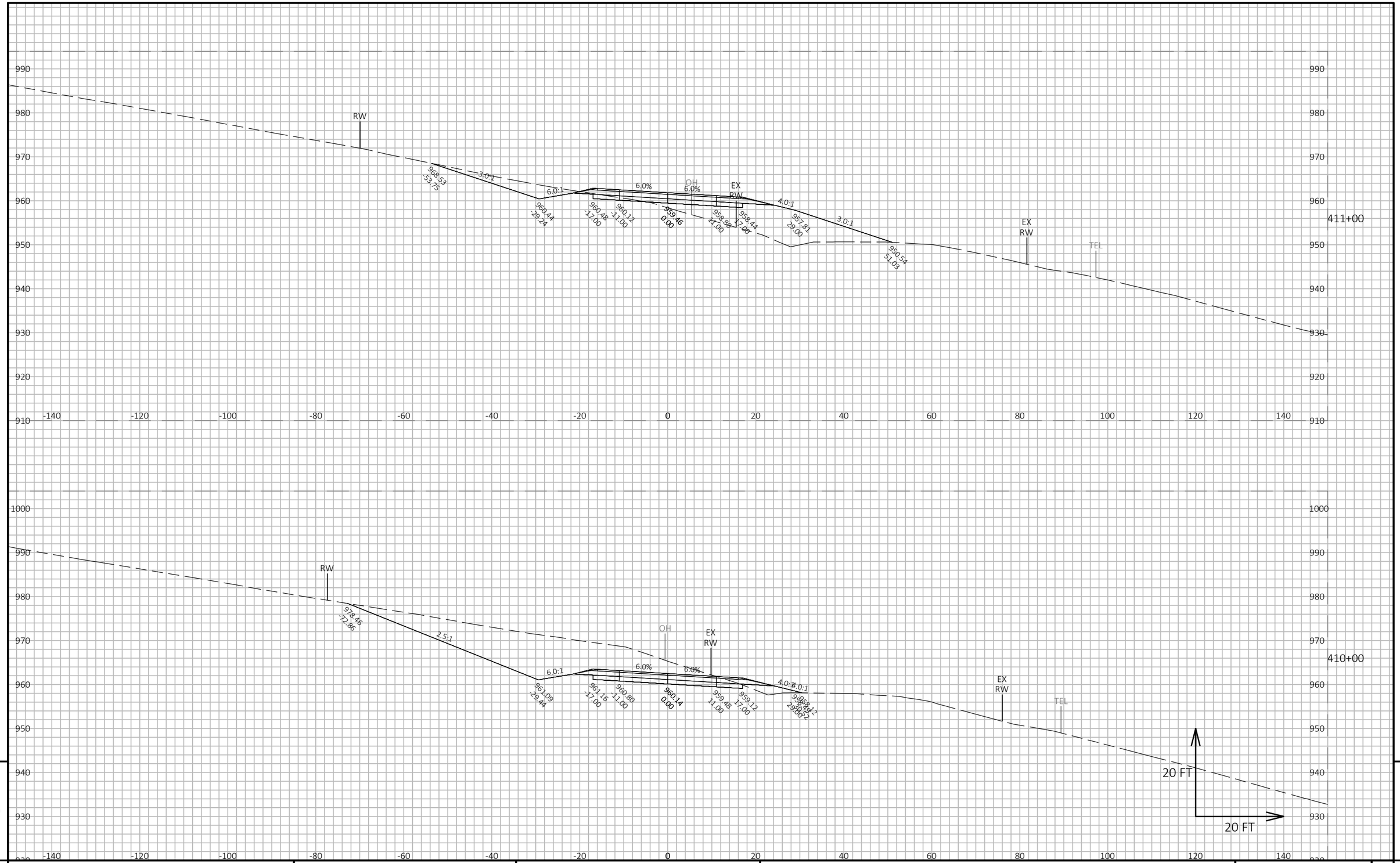
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 636	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_171

PLOT DATE : 7/30/2023 8:49 AM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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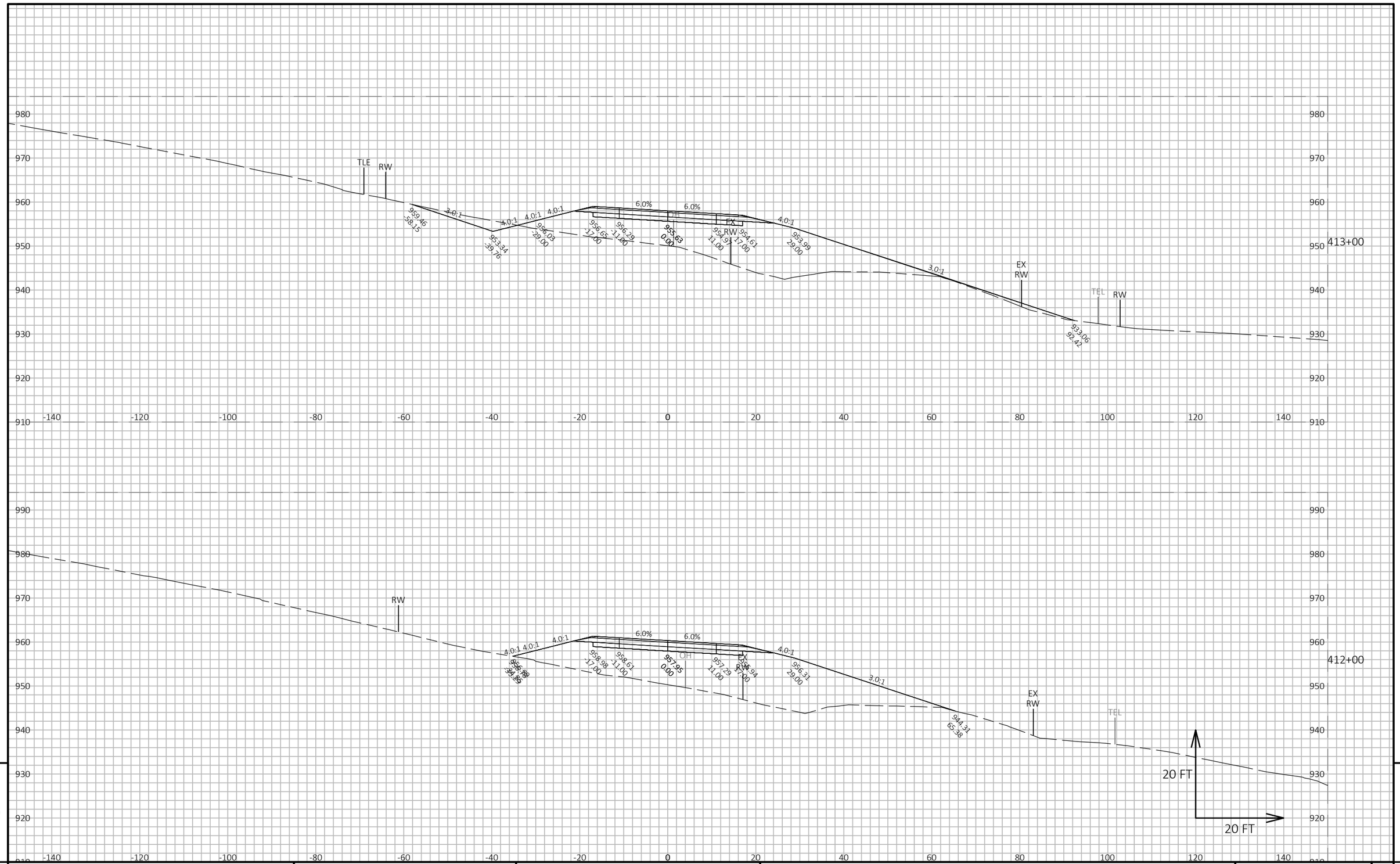
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 637	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_172

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

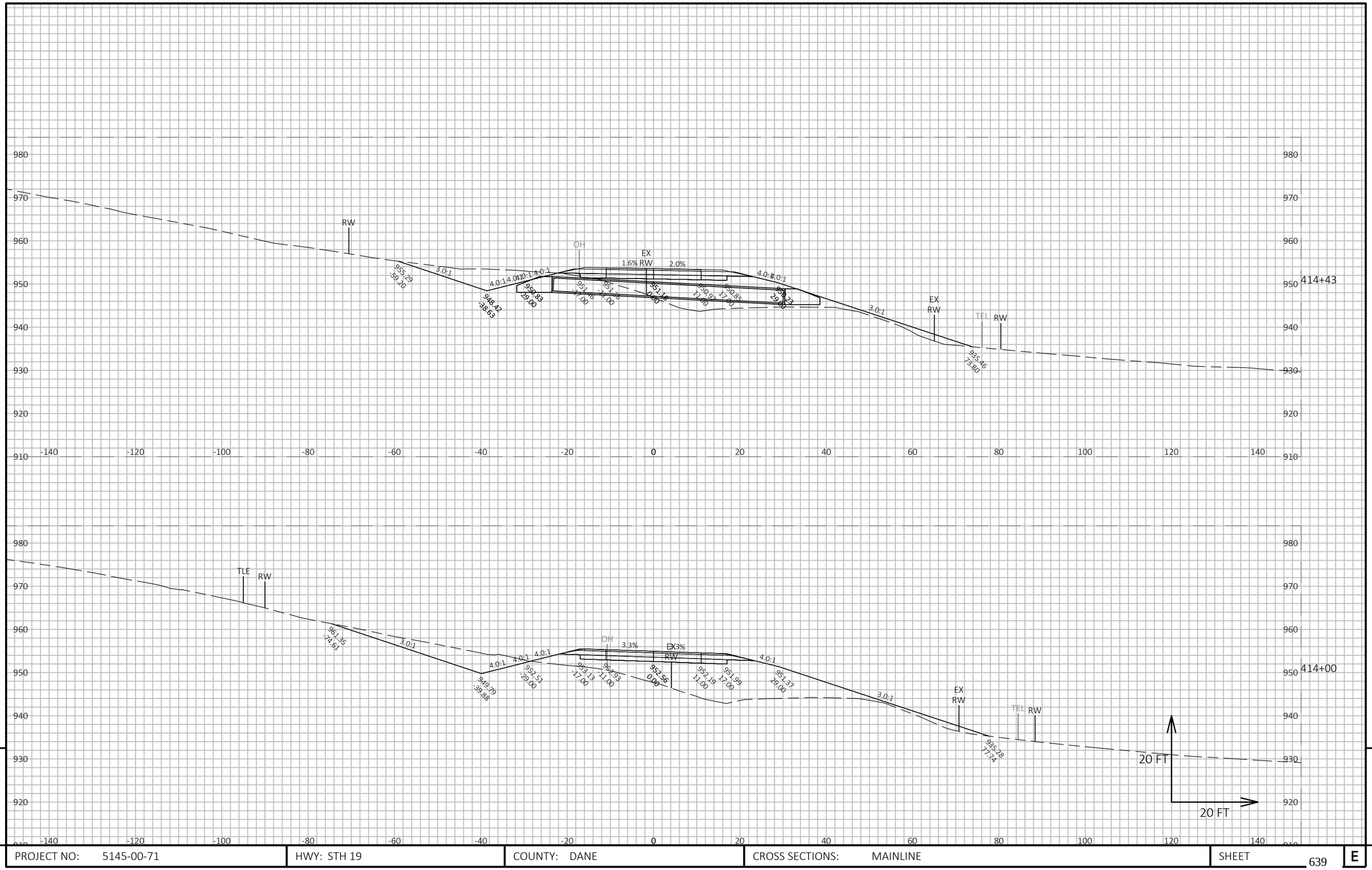


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 638	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_173

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

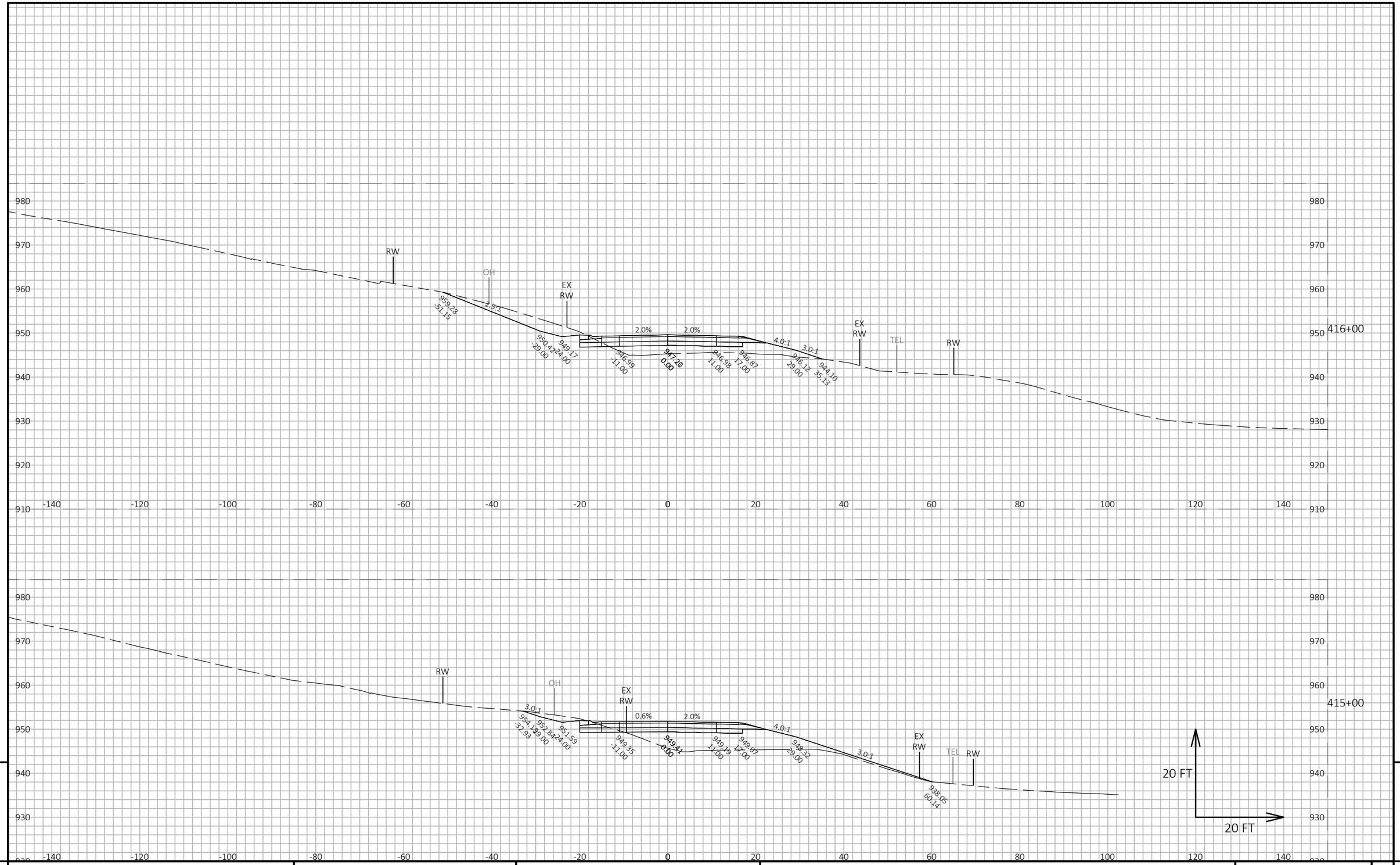


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 639	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_174

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

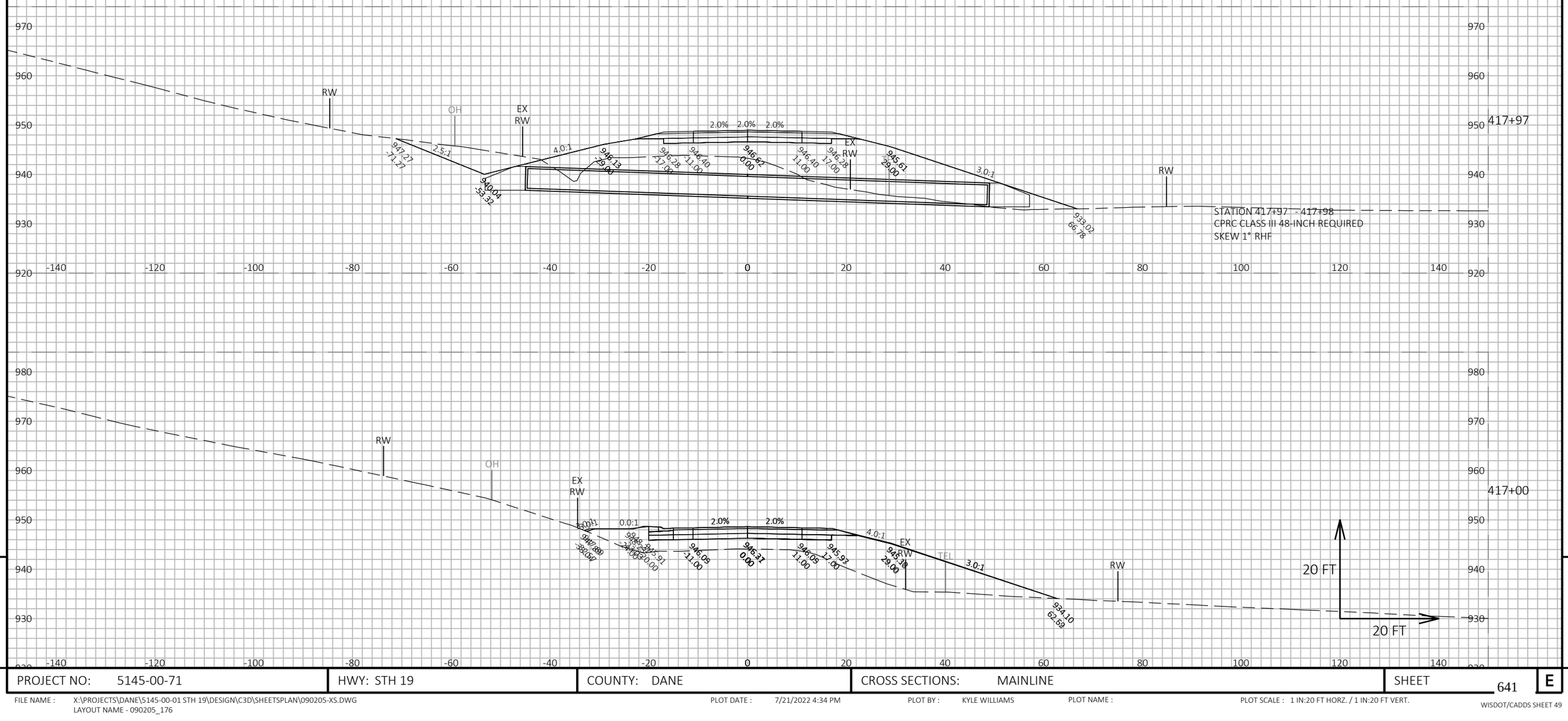
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 640	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_175

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 641	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_176

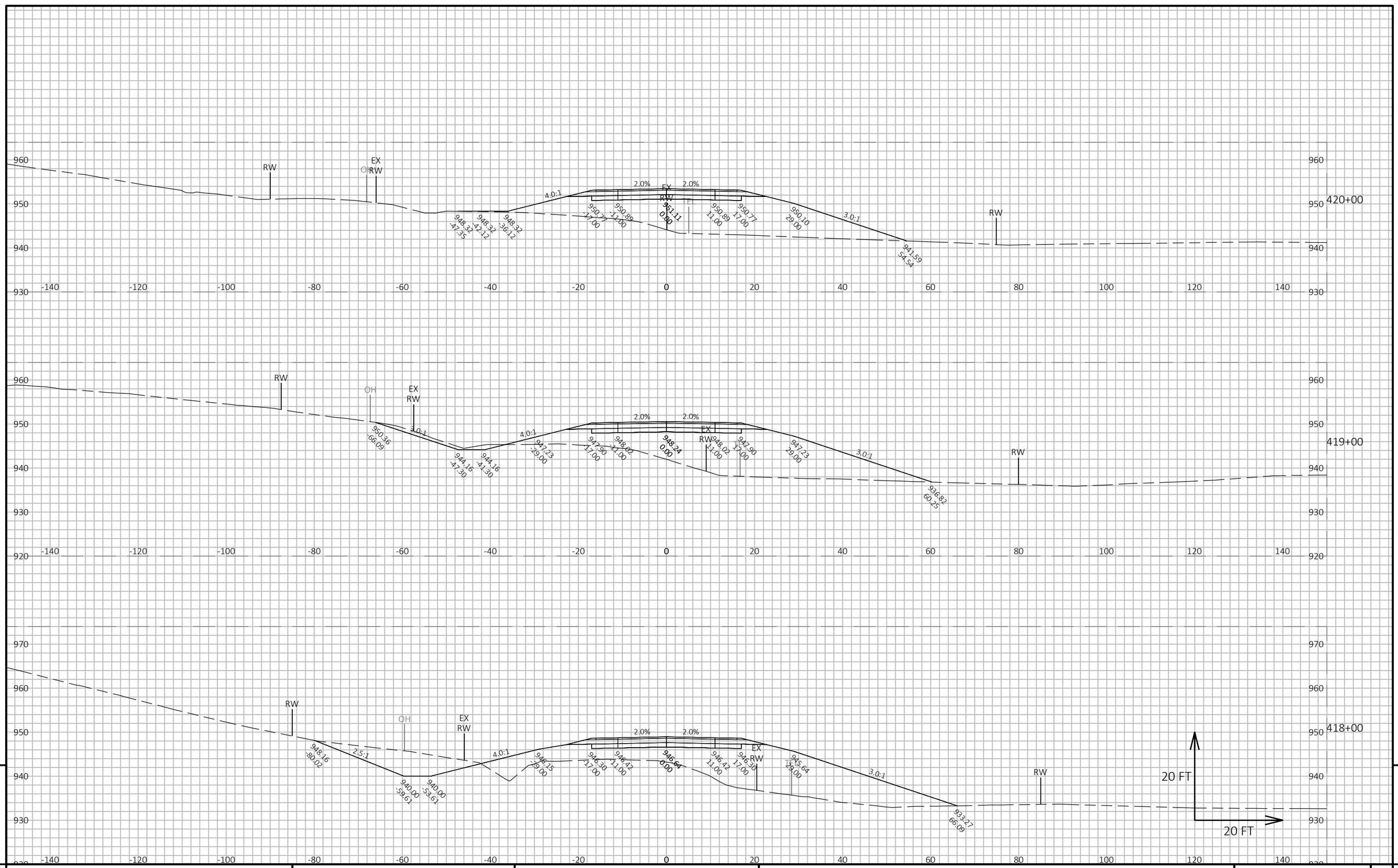
PLOT DATE : 7/21/2022 4:34 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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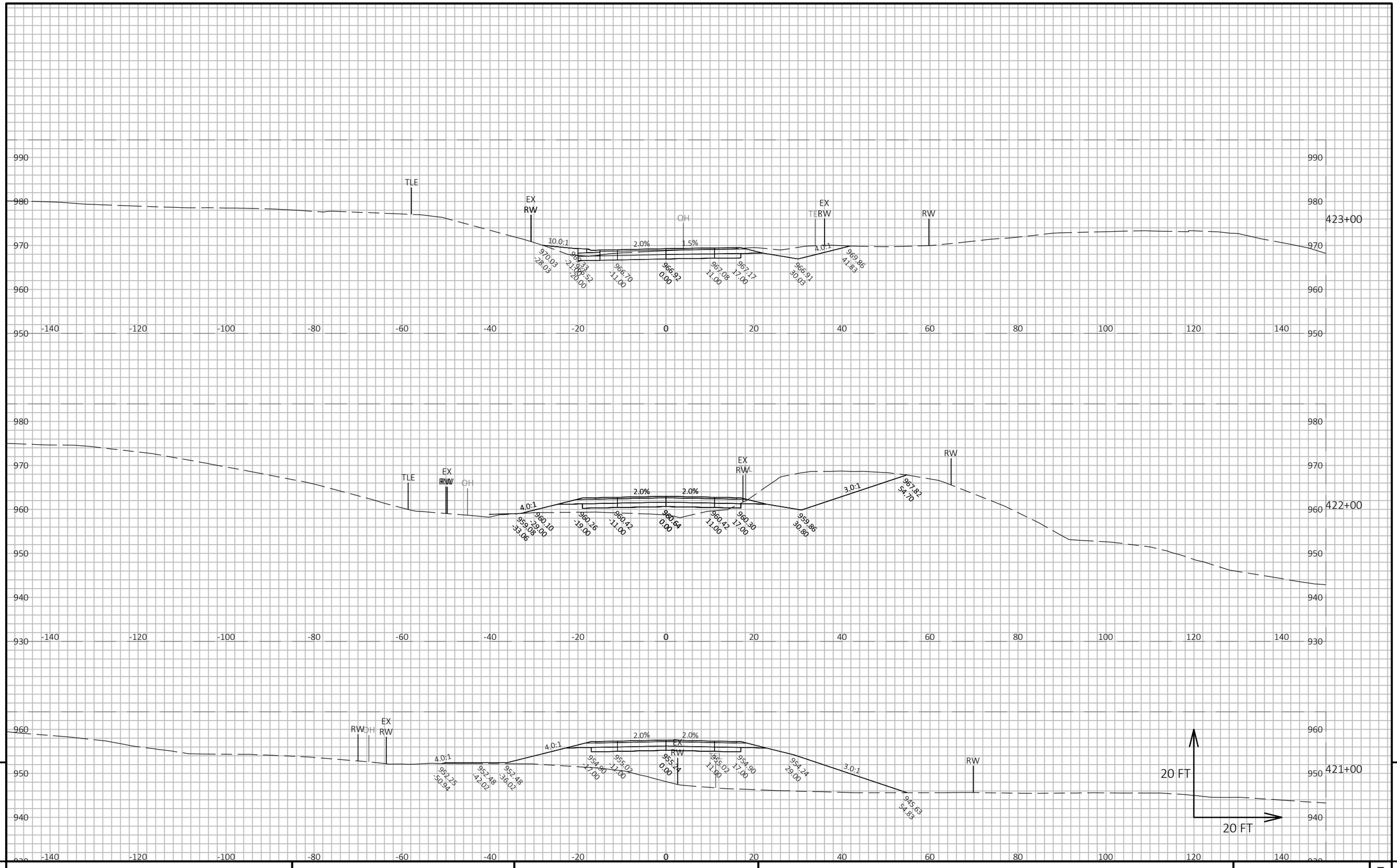
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 642	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_177

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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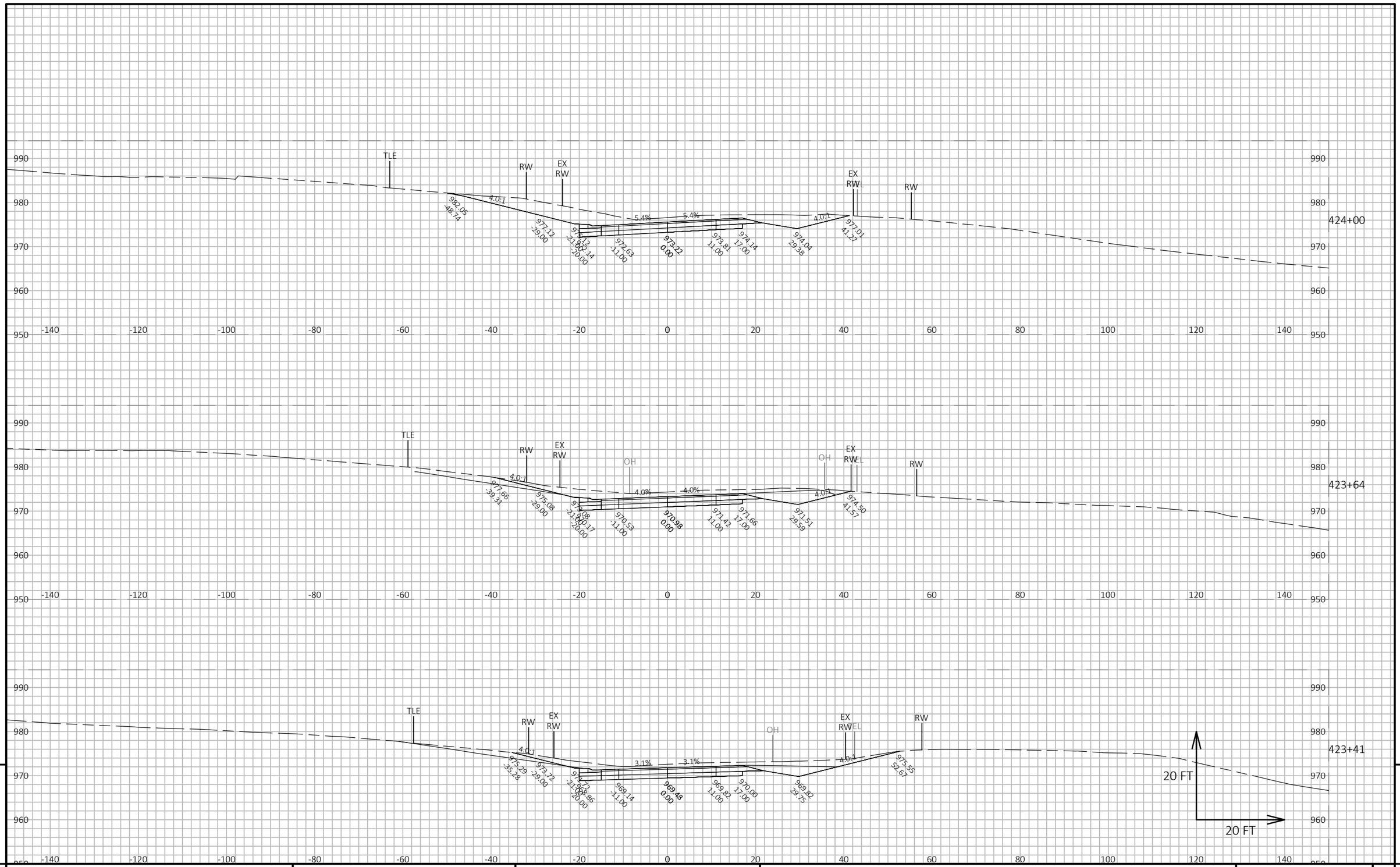
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 643	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_178

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

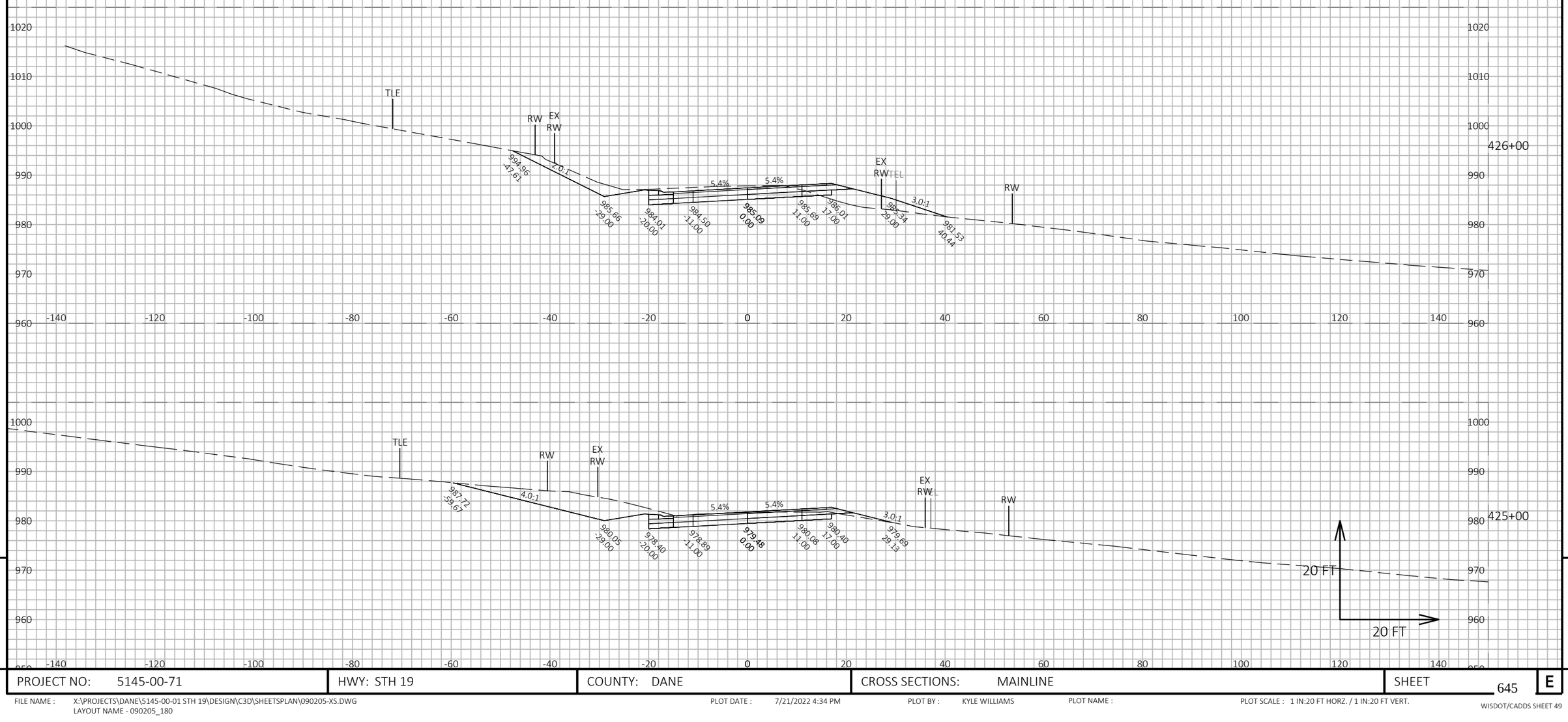
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 644	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_179

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

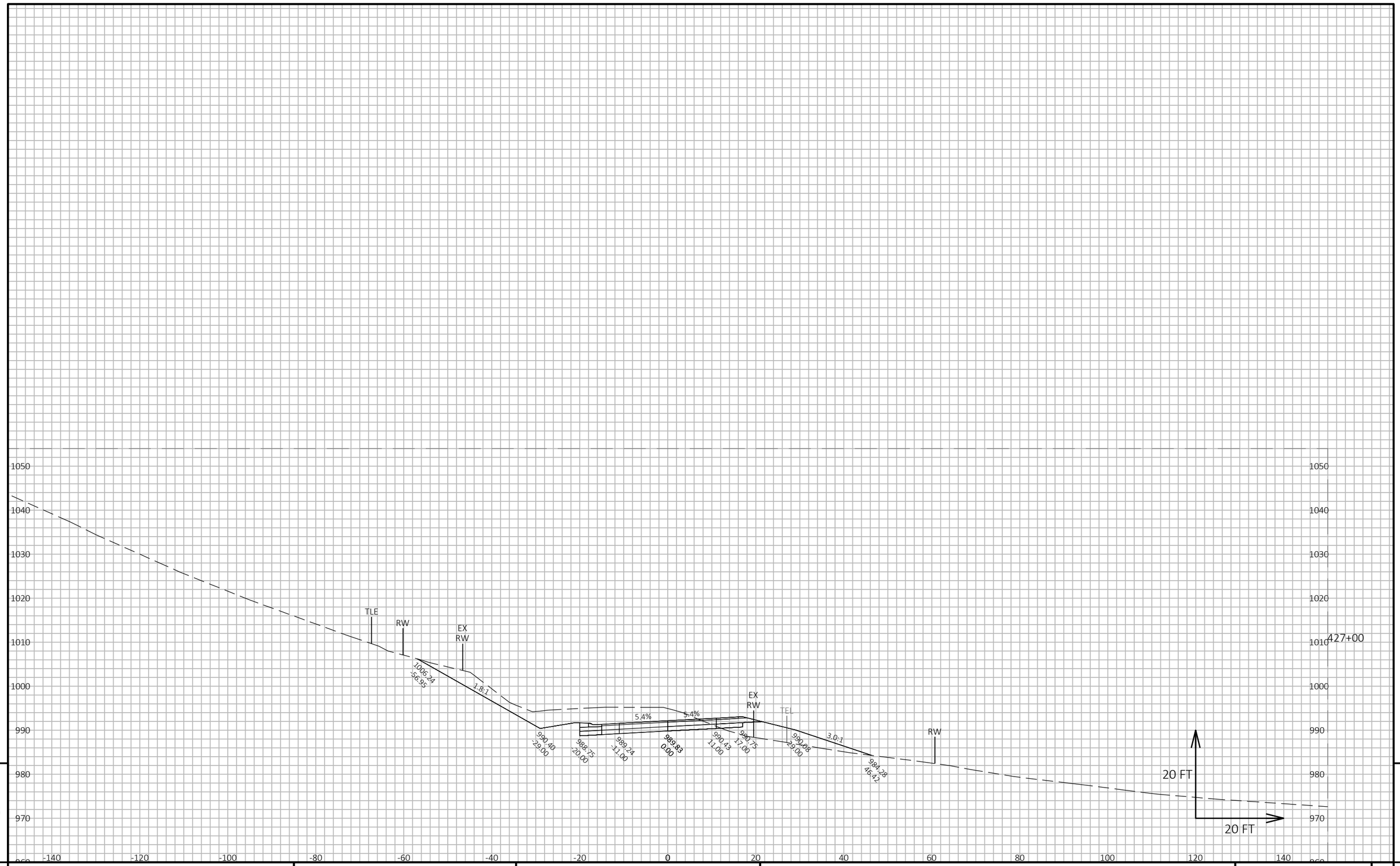


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 645 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_180

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

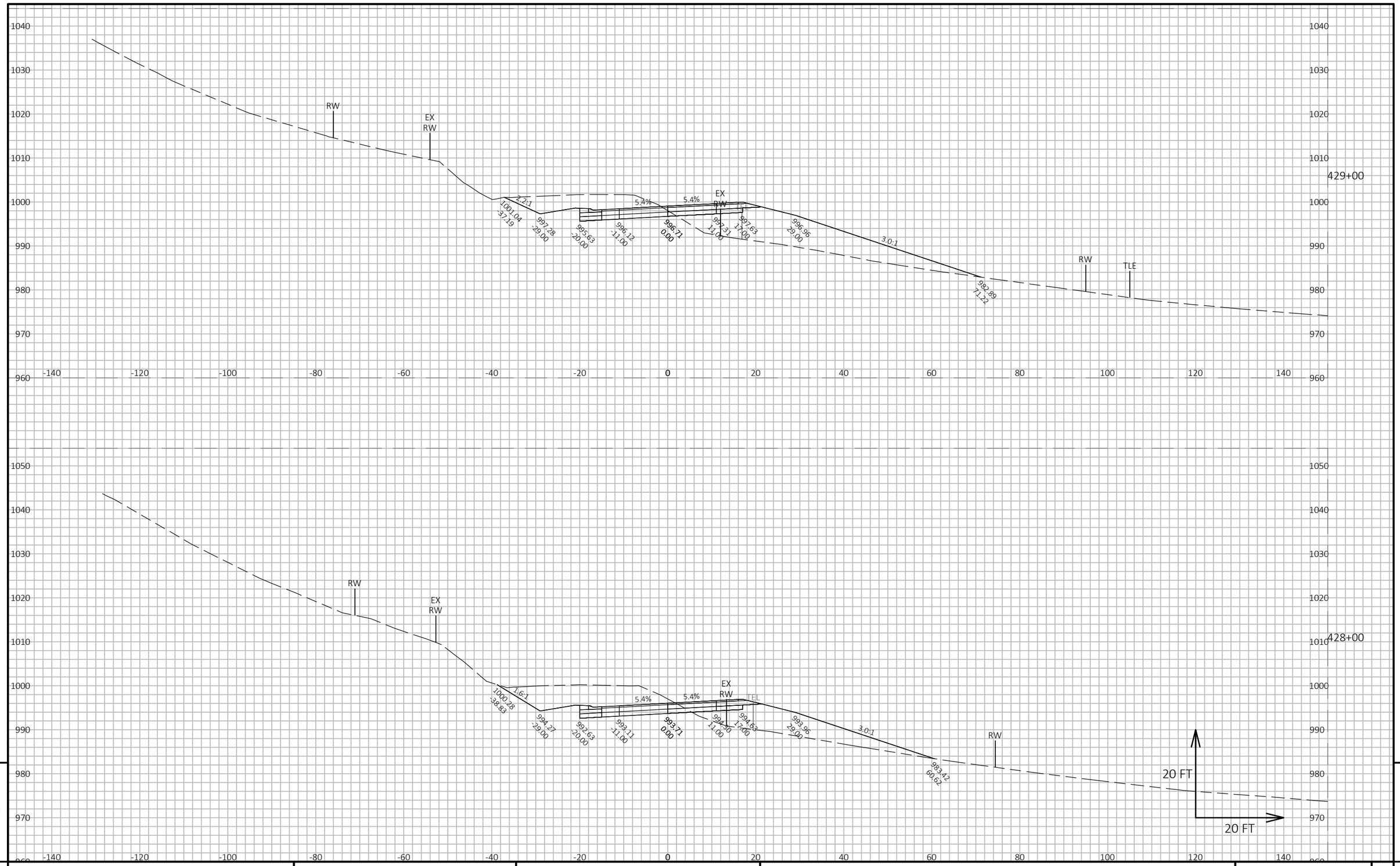


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 646	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_181

PLOT DATE : 7/21/2022 4:34 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

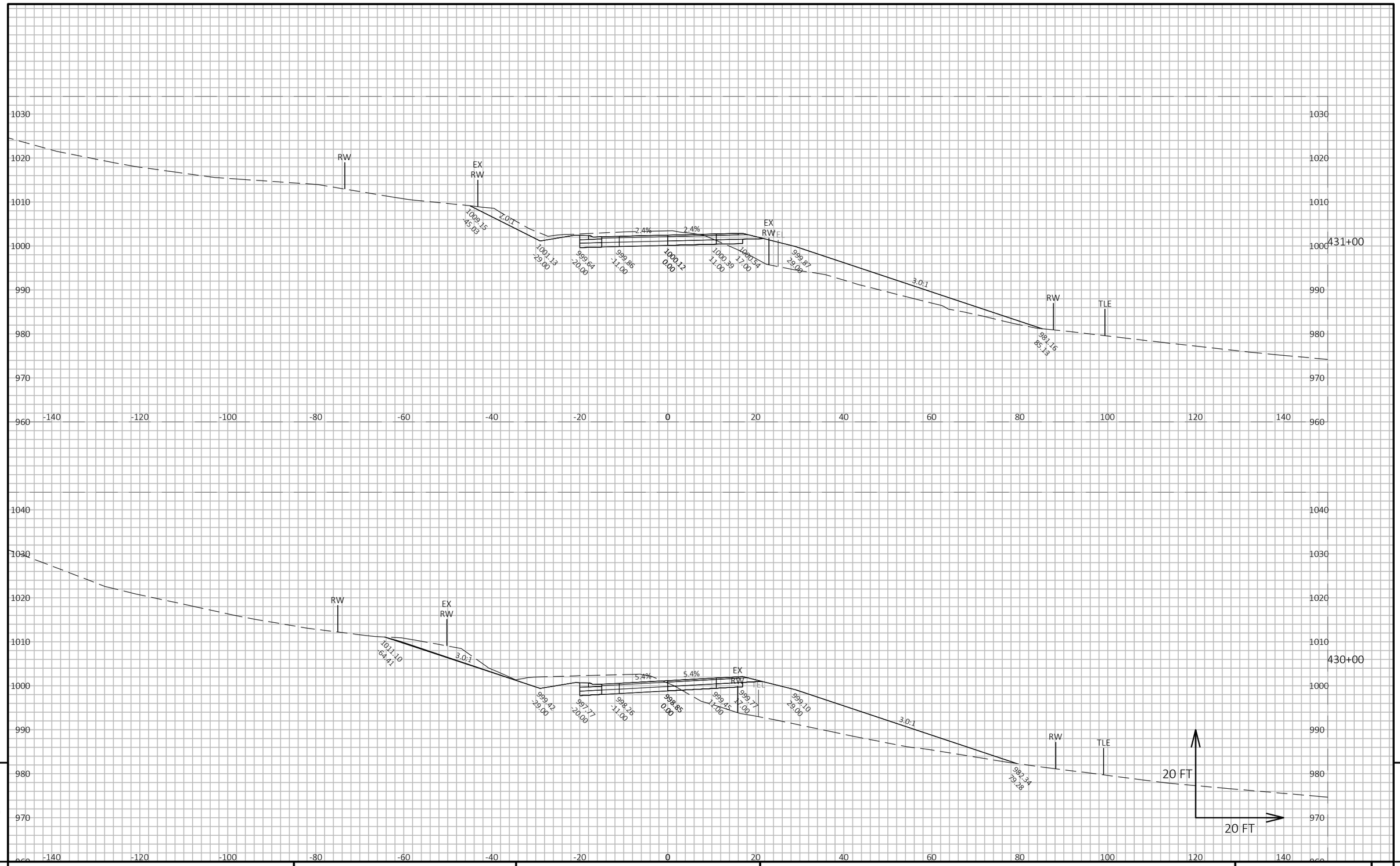


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 647	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_182

PLOT DATE : 7/21/2022 4:35 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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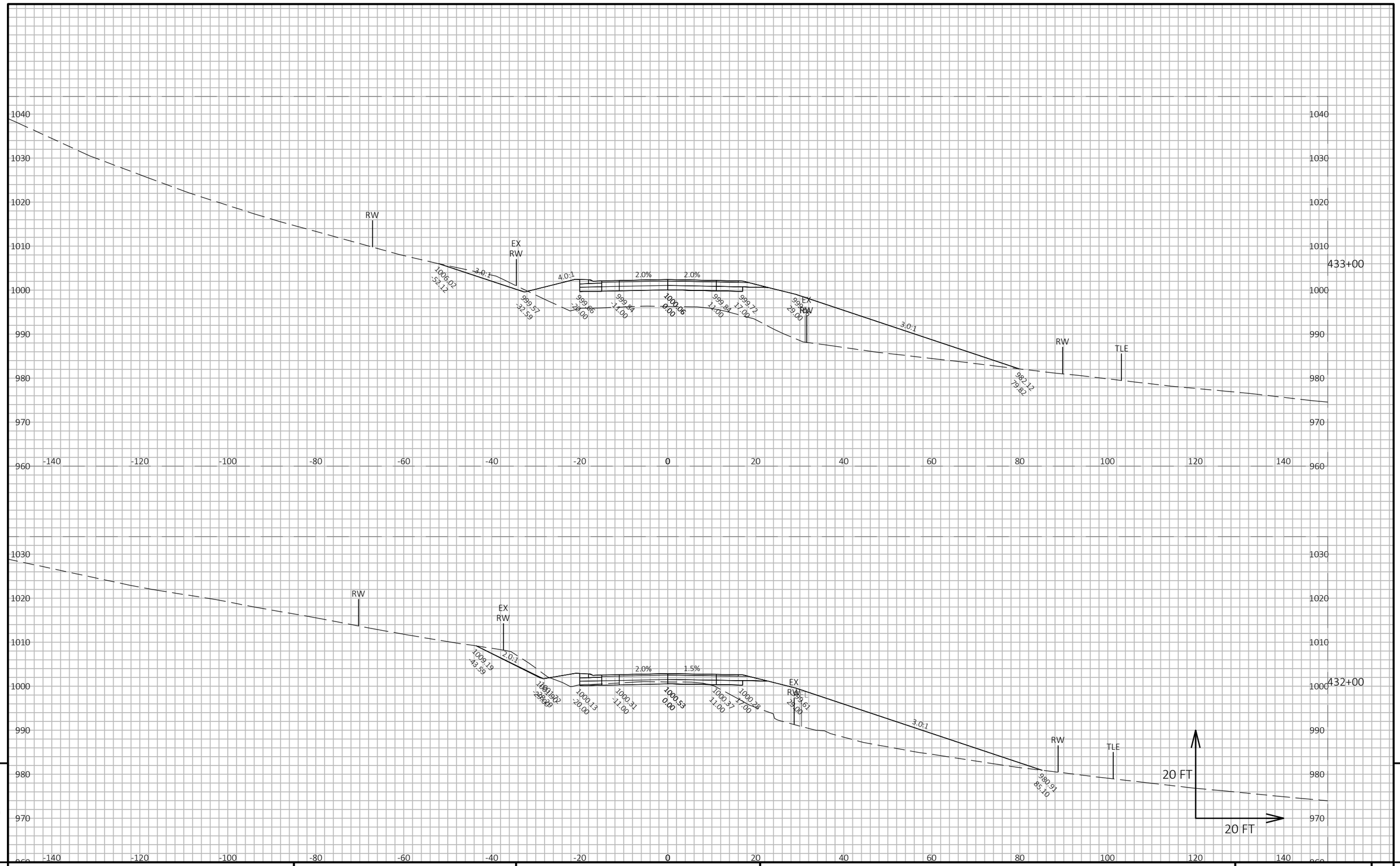
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 648	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_183

PLOT DATE : 7/21/2022 4:35 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

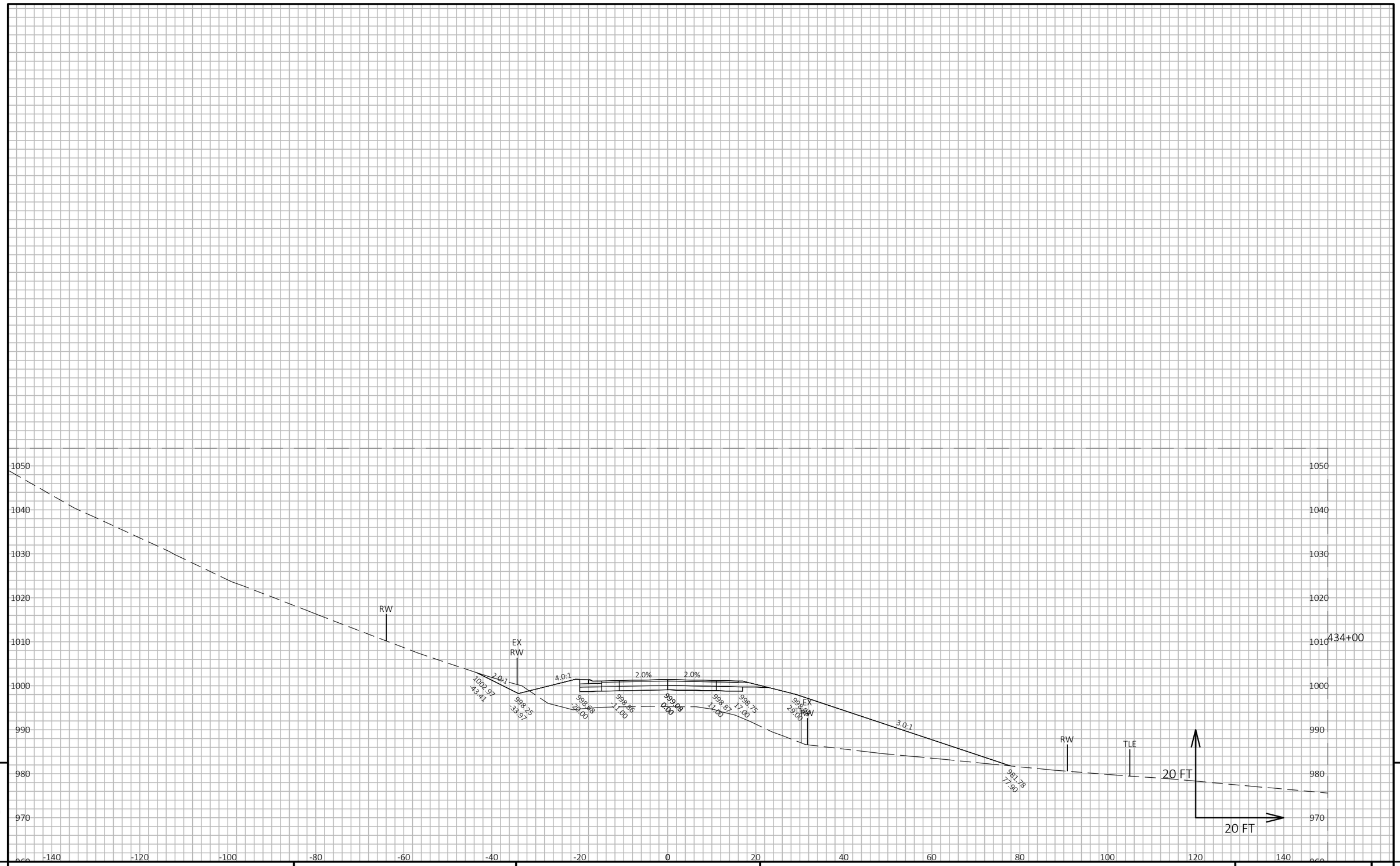


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 649	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_184

PLOT DATE : 7/21/2022 4:35 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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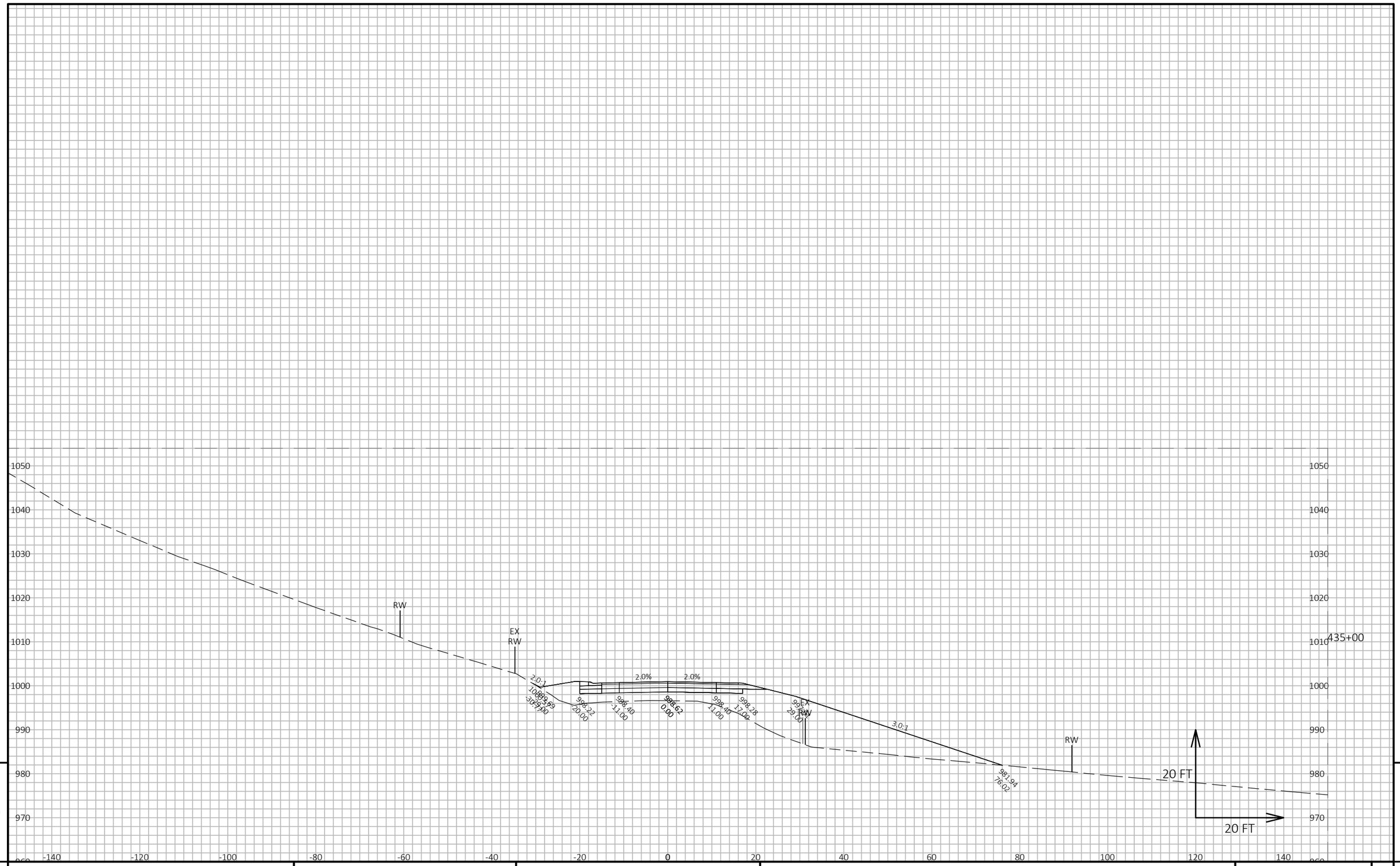
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 650	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_185

PLOT DATE : 7/21/2022 4:35 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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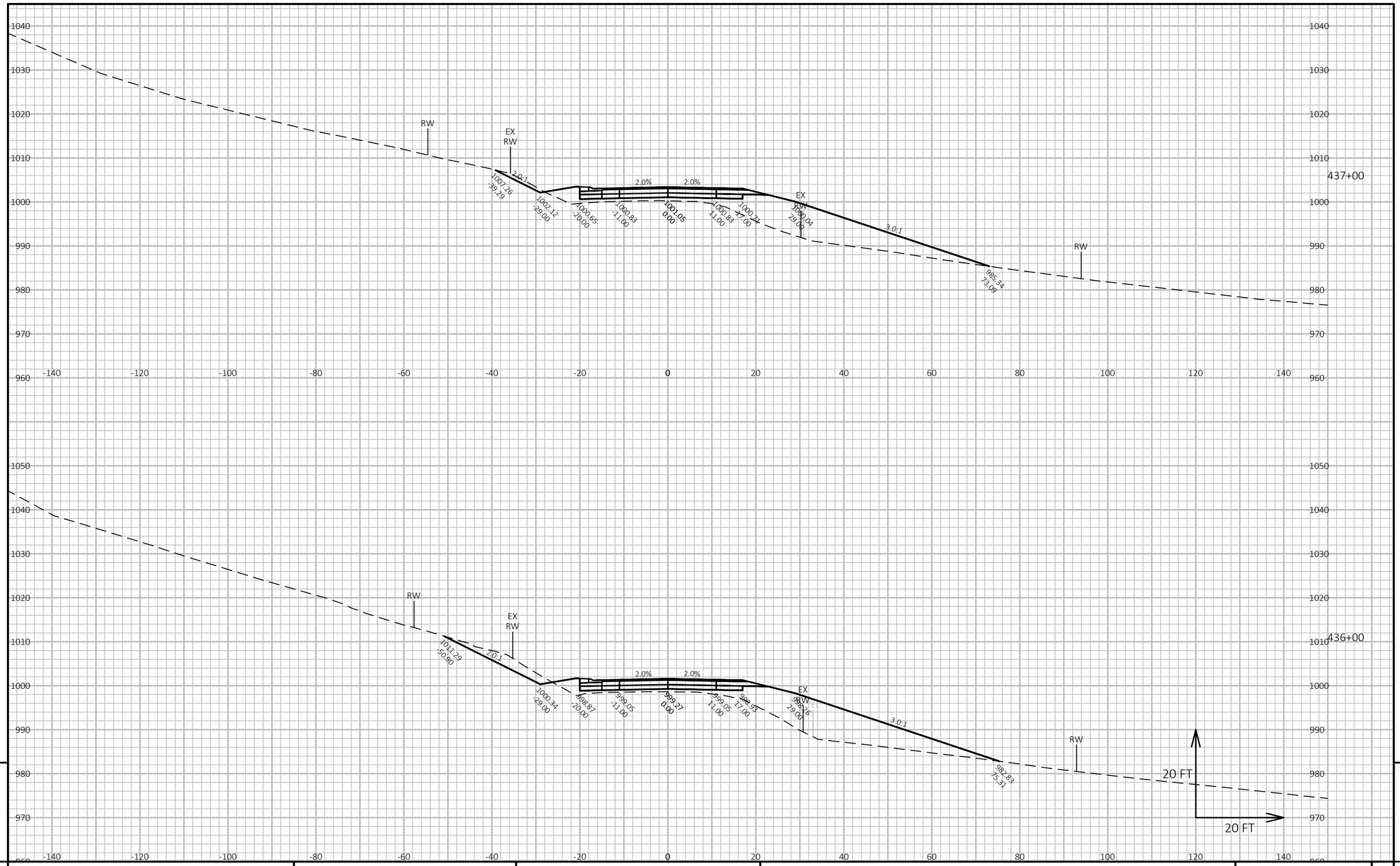
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 651	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_186

PLOT DATE : 7/21/2022 4:35 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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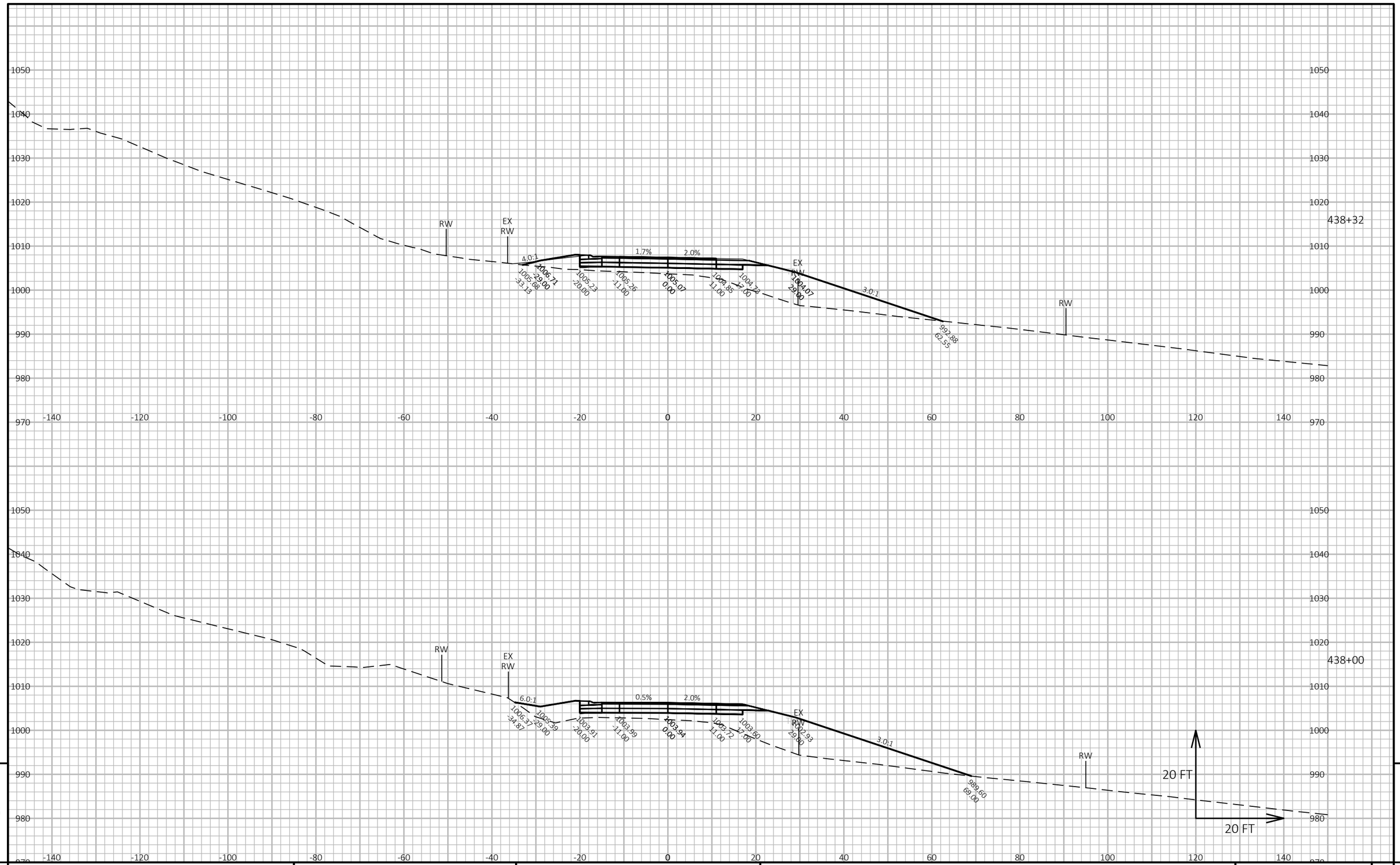
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 652	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_187

PLOT DATE : 7/30/2023 7:15 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

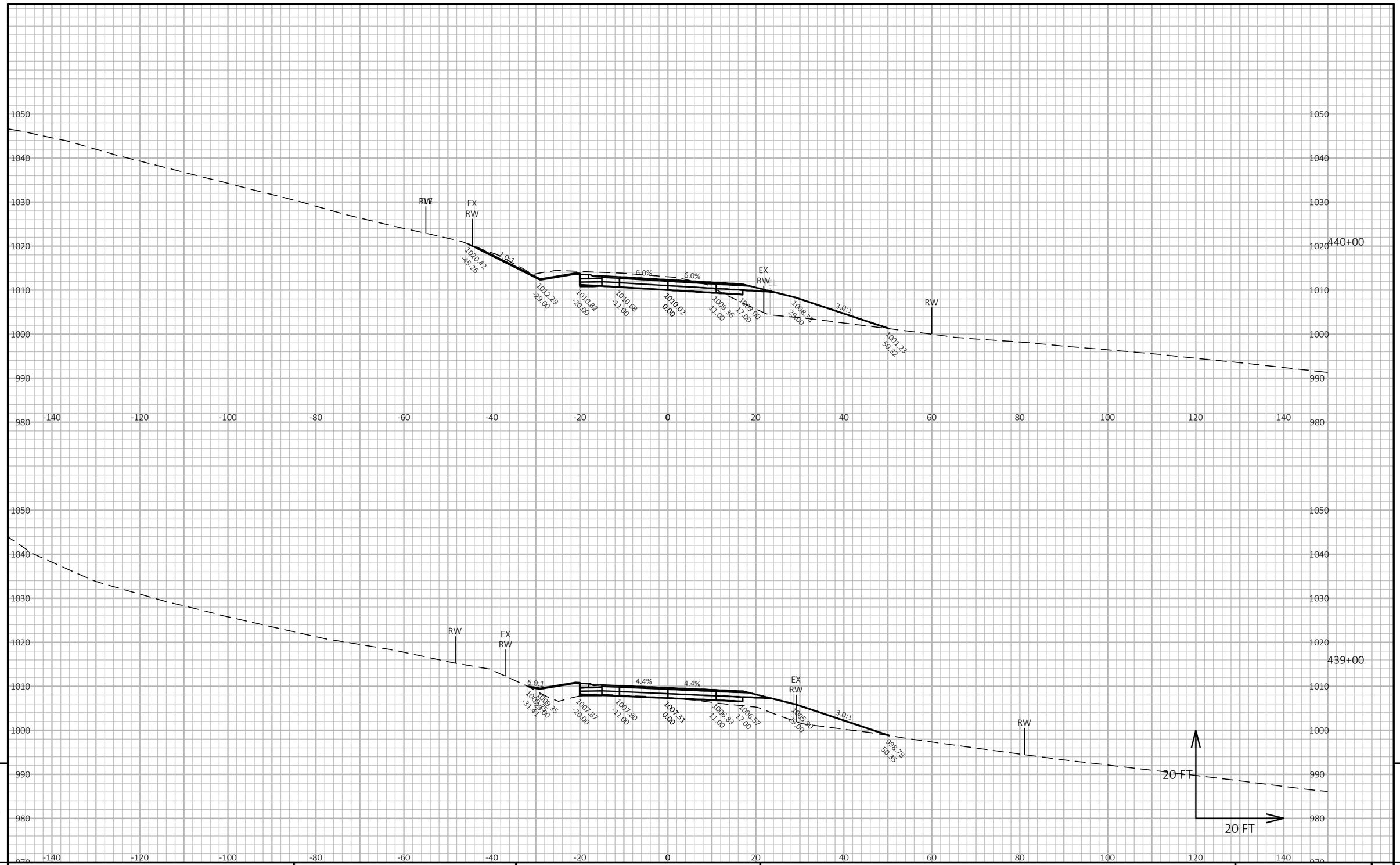


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 653 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_188

PLOT DATE : 7/30/2023 7:17 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

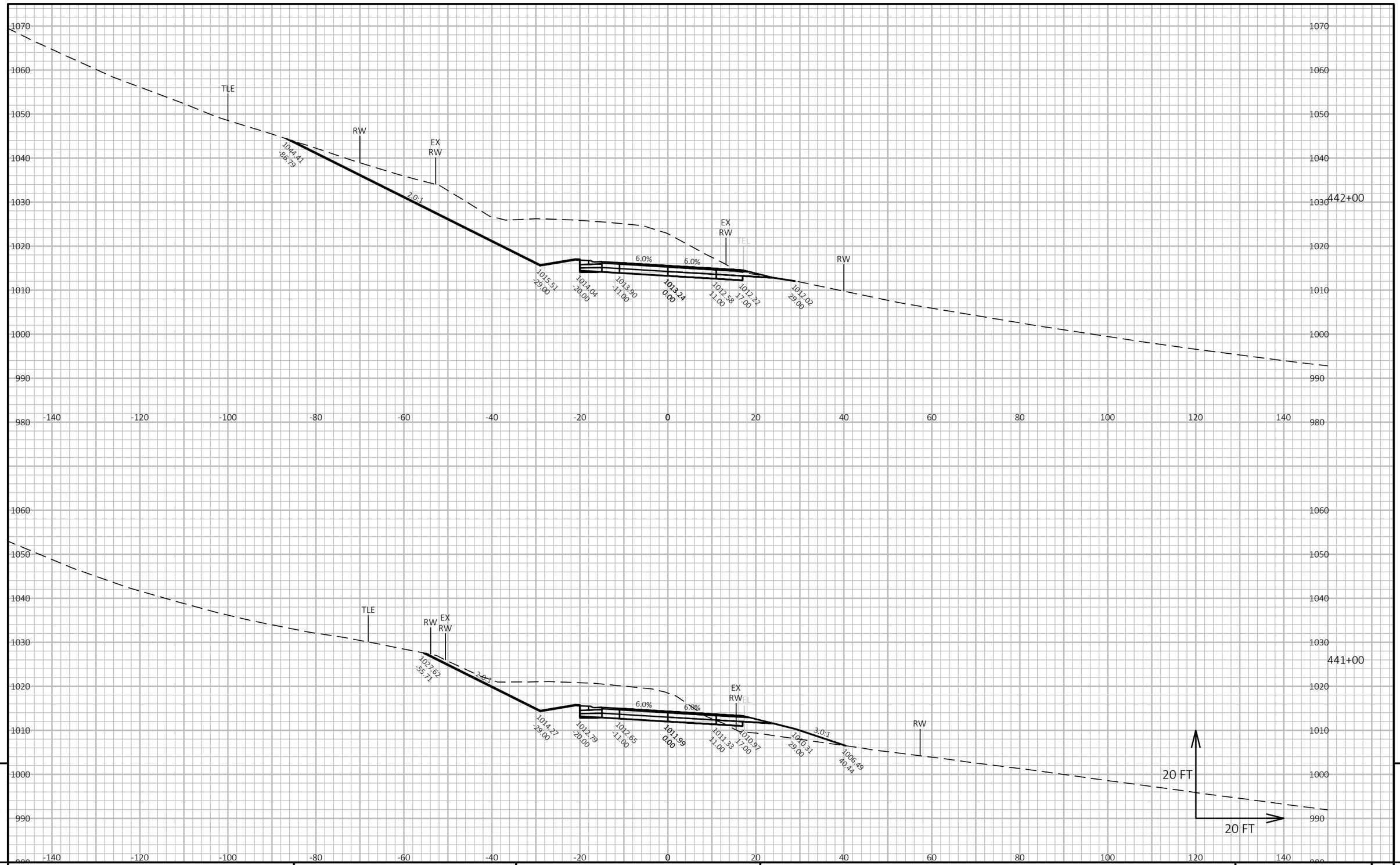
WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 654	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_189

PLOT DATE : 7/30/2023 7:19 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



9

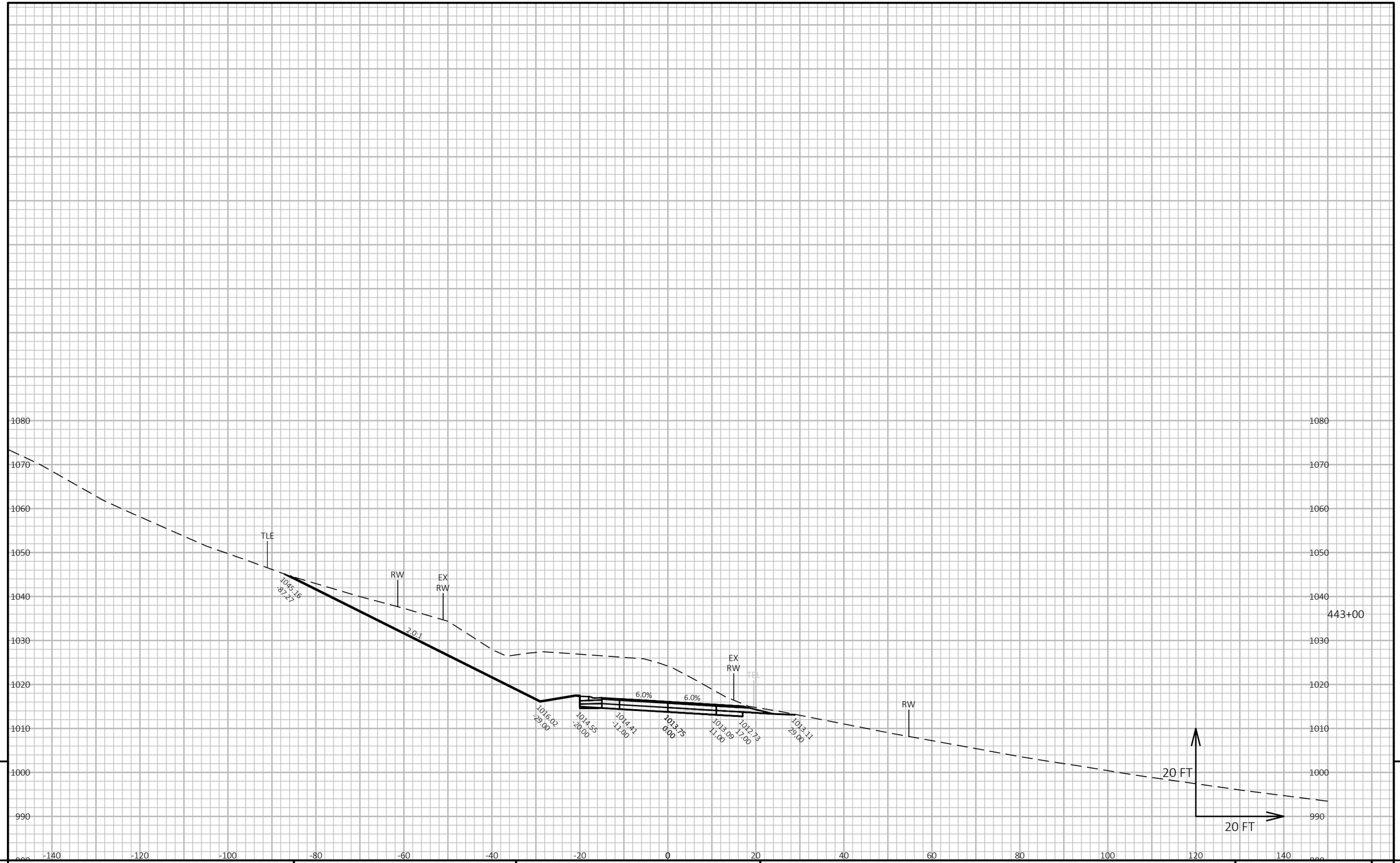
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 655	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_190

PLOT DATE : 7/30/2023 7:21 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 656	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_191

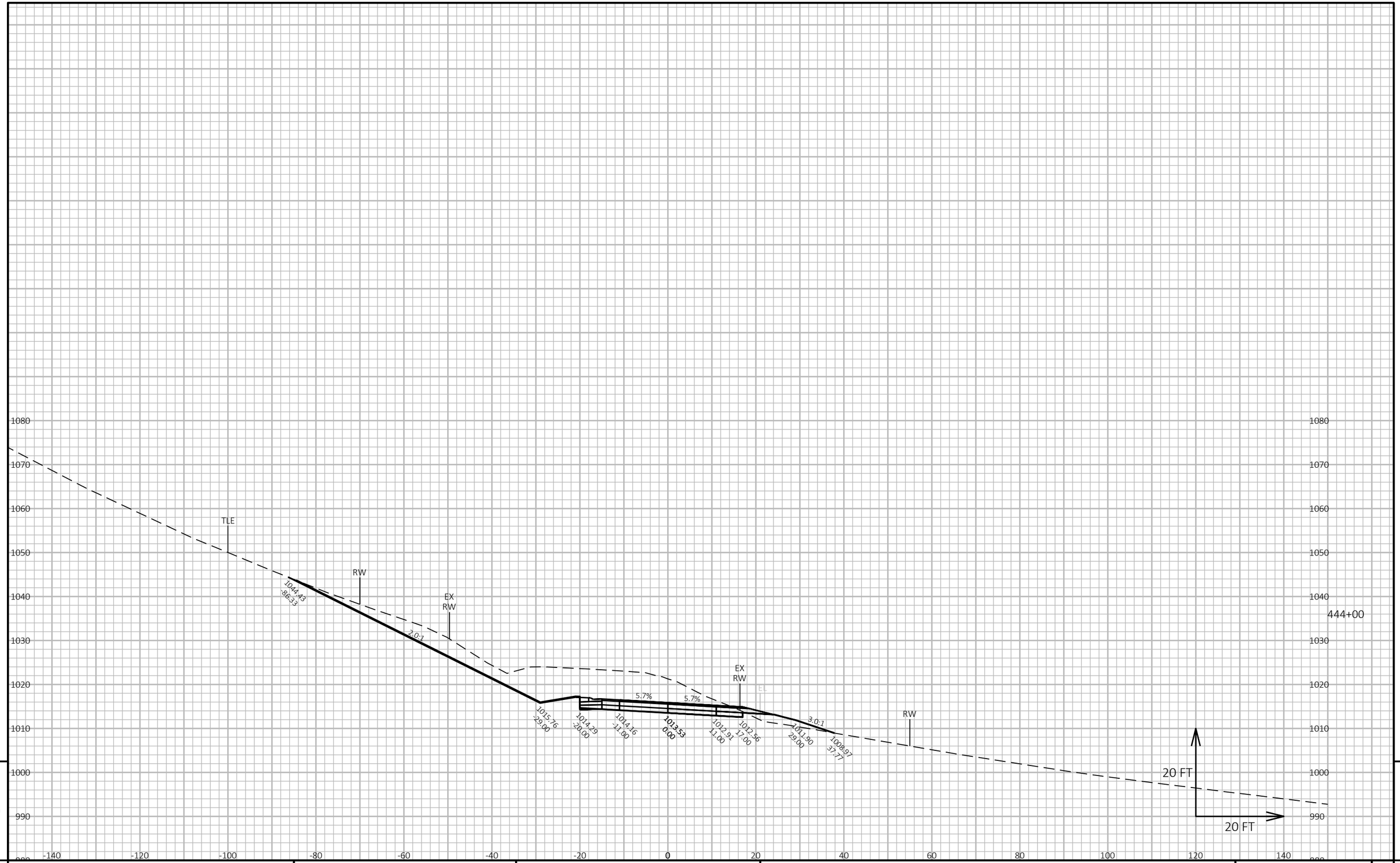
PLOT DATE : 7/30/2023 7:23 PM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 657	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_192

PLOT DATE : 7/30/2023 7:24 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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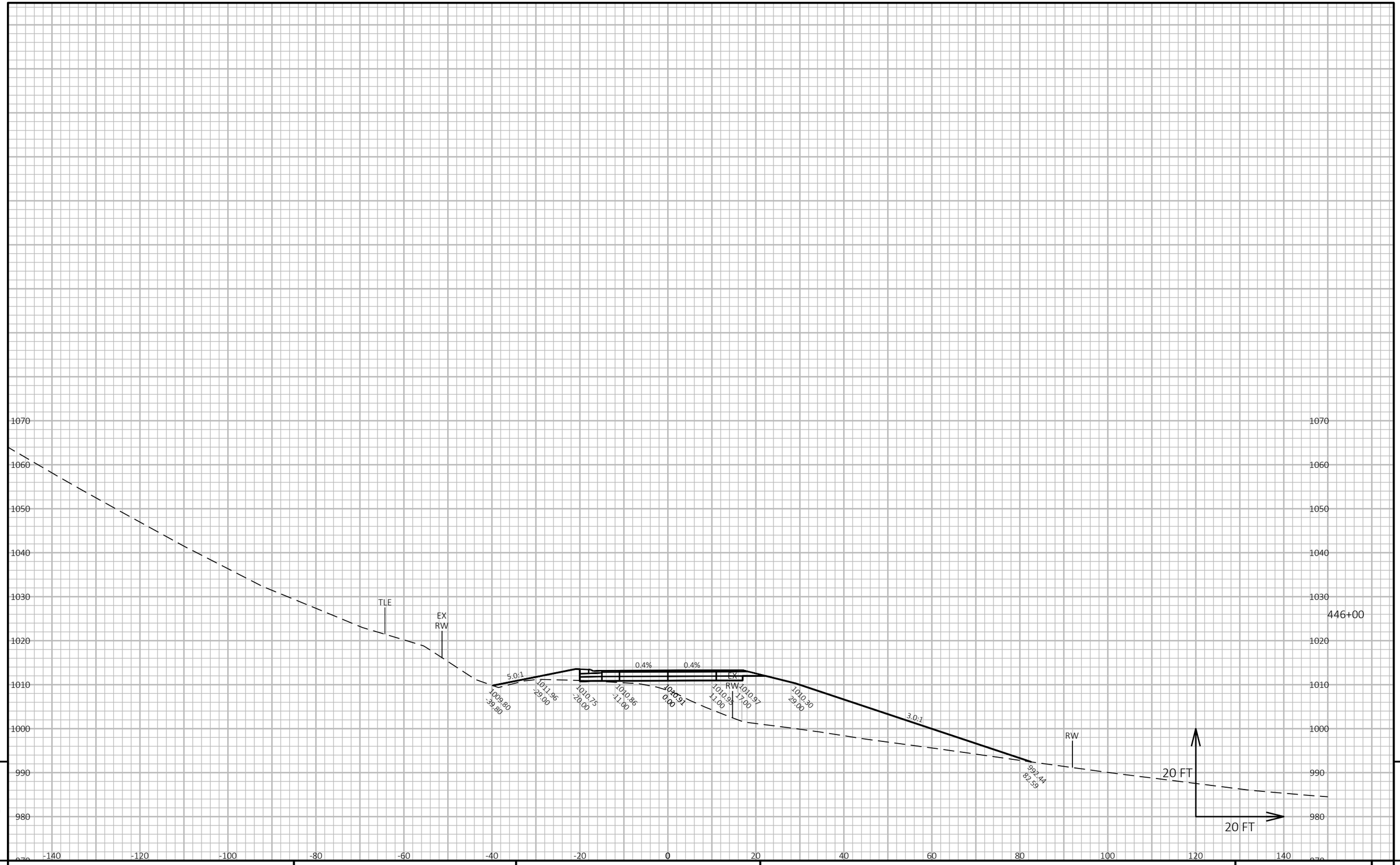
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 658	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_193

PLOT DATE : 7/30/2023 7:26 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 659	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_194

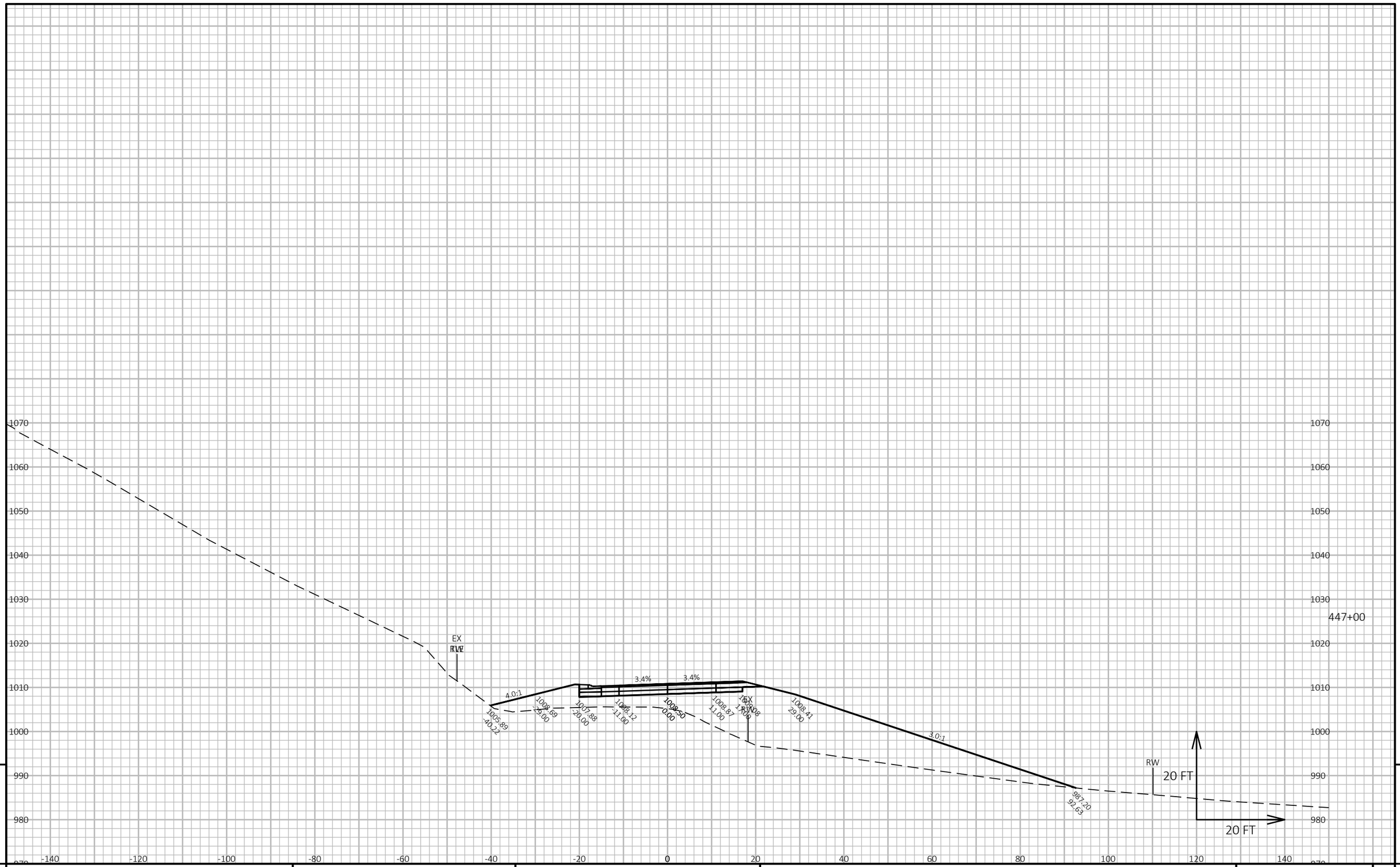
PLOT DATE : 7/30/2023 7:28 PM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 660	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_195

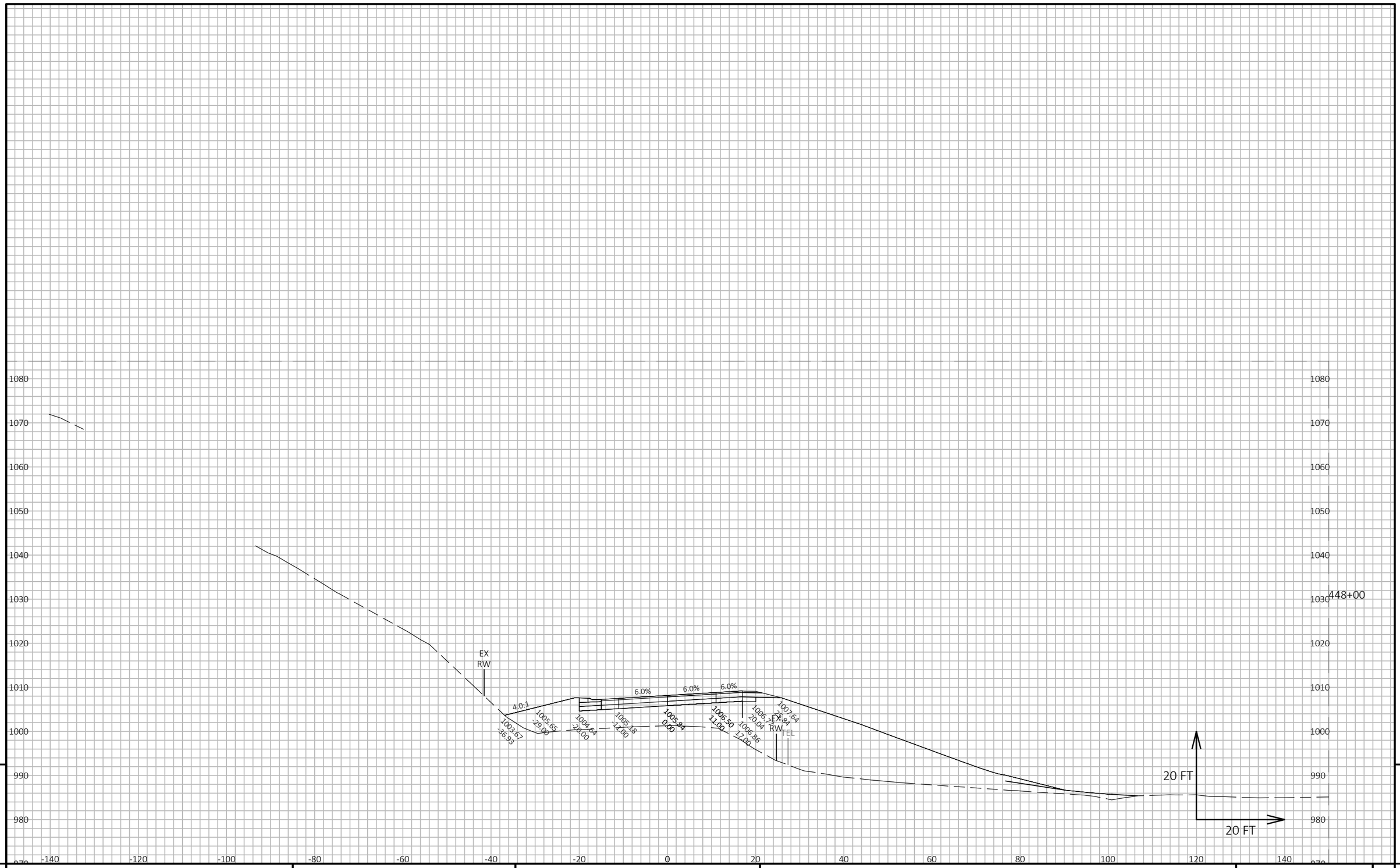
PLOT DATE : 7/30/2023 7:30 PM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

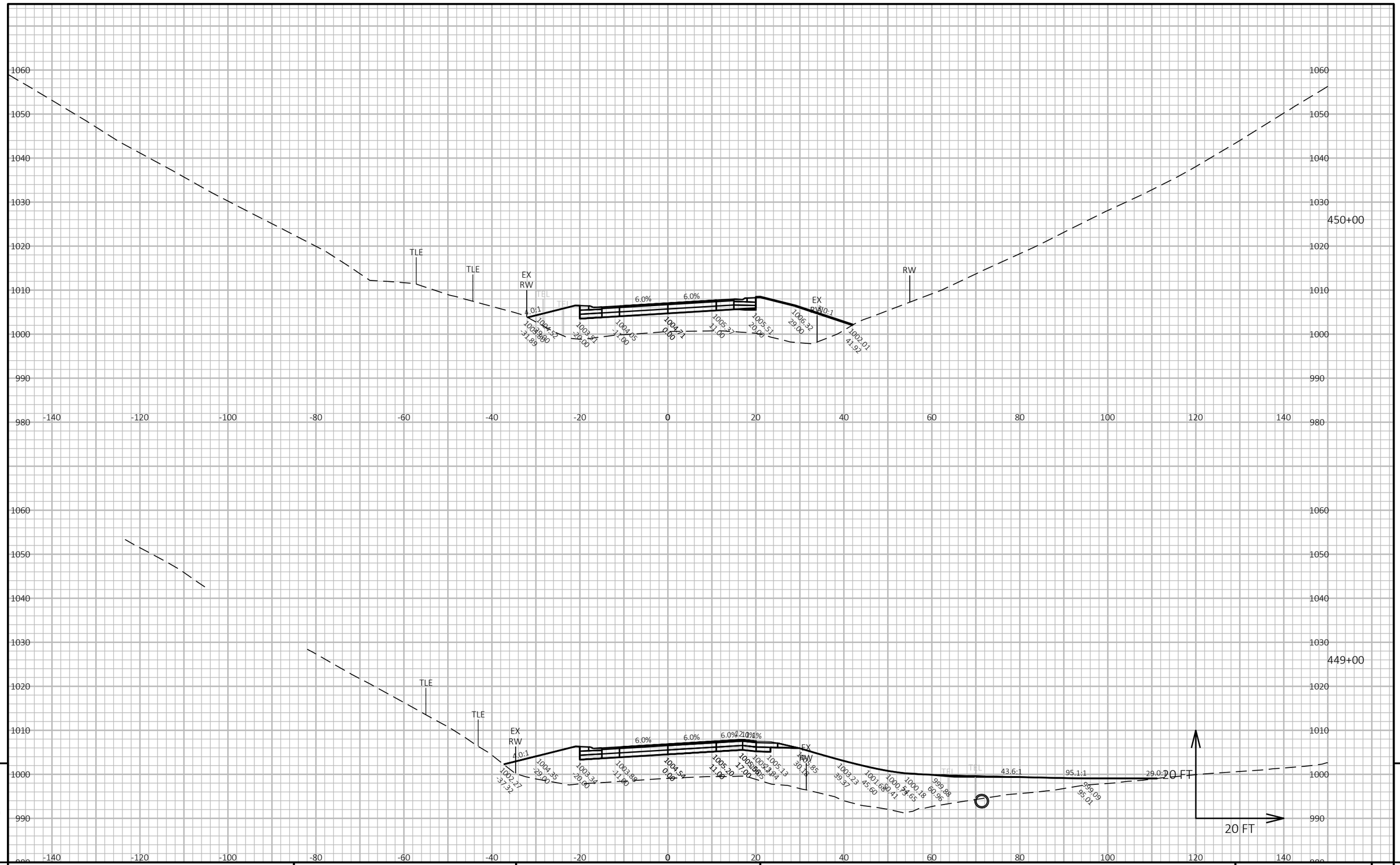
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 661	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_196

PLOT DATE : 7/21/2022 4:36 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 662	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_197

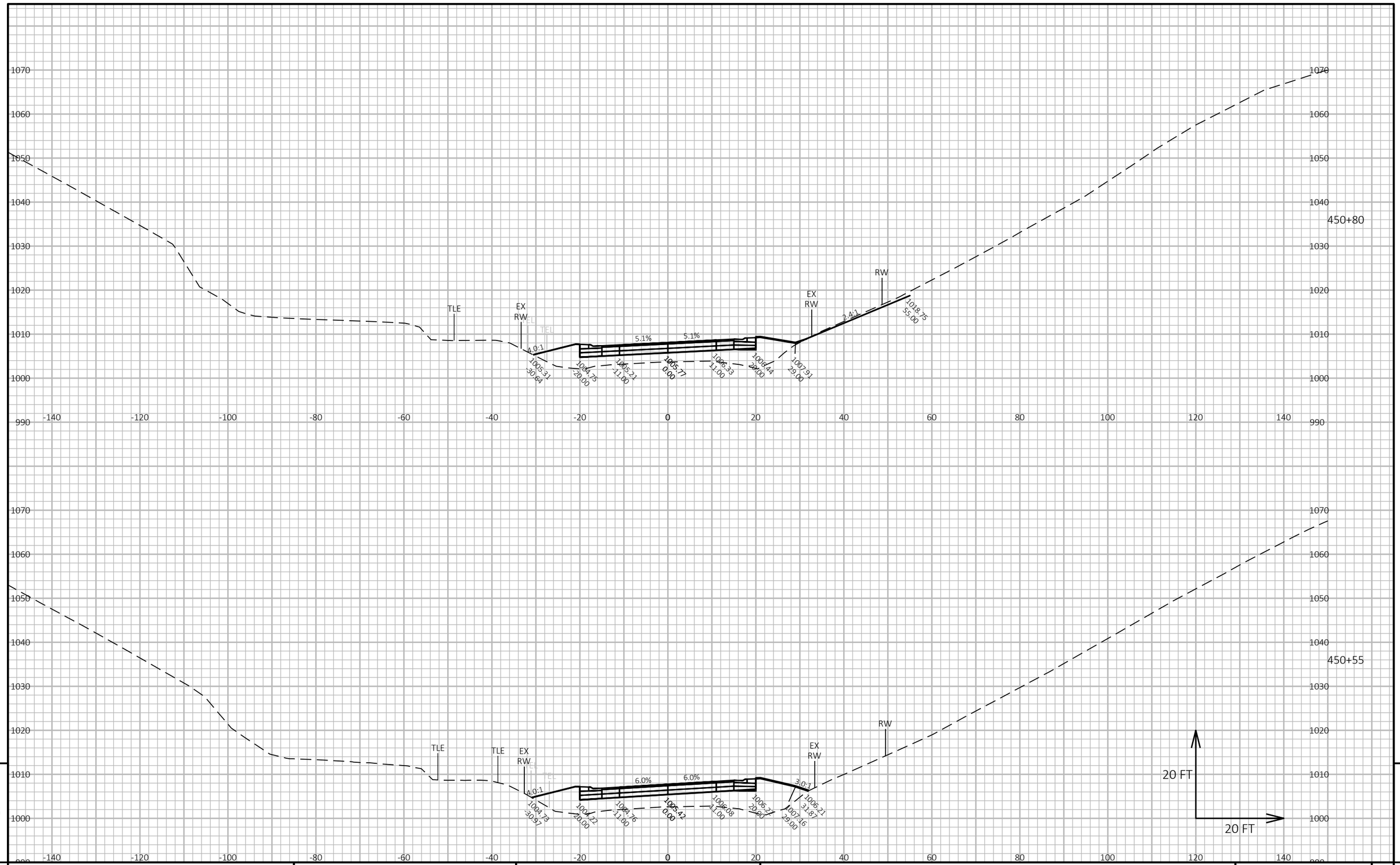
PLOT DATE : 7/30/2023 7:32 PM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

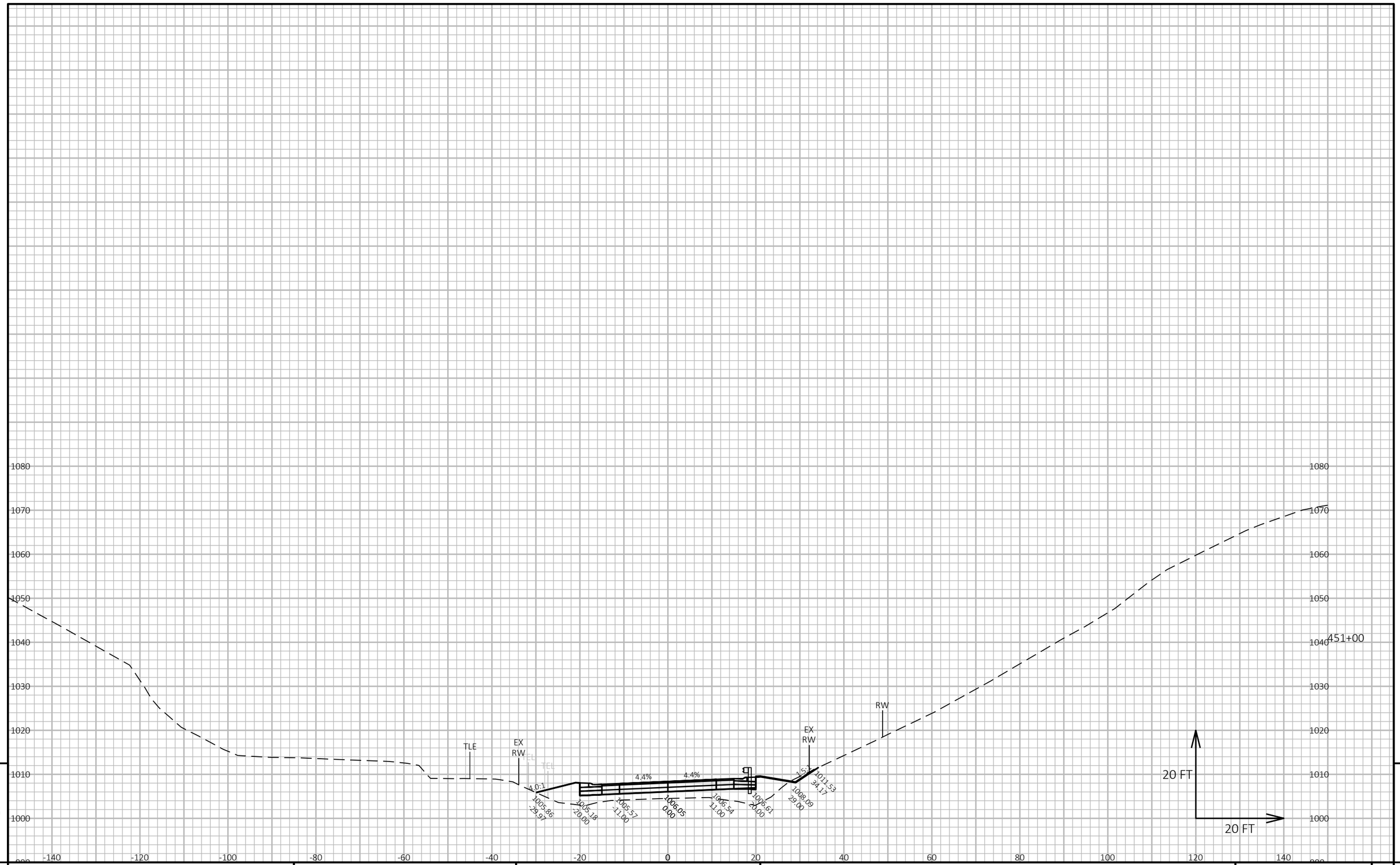
WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 663	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_198

PLOT DATE : 7/30/2023 7:34 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 664	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_199

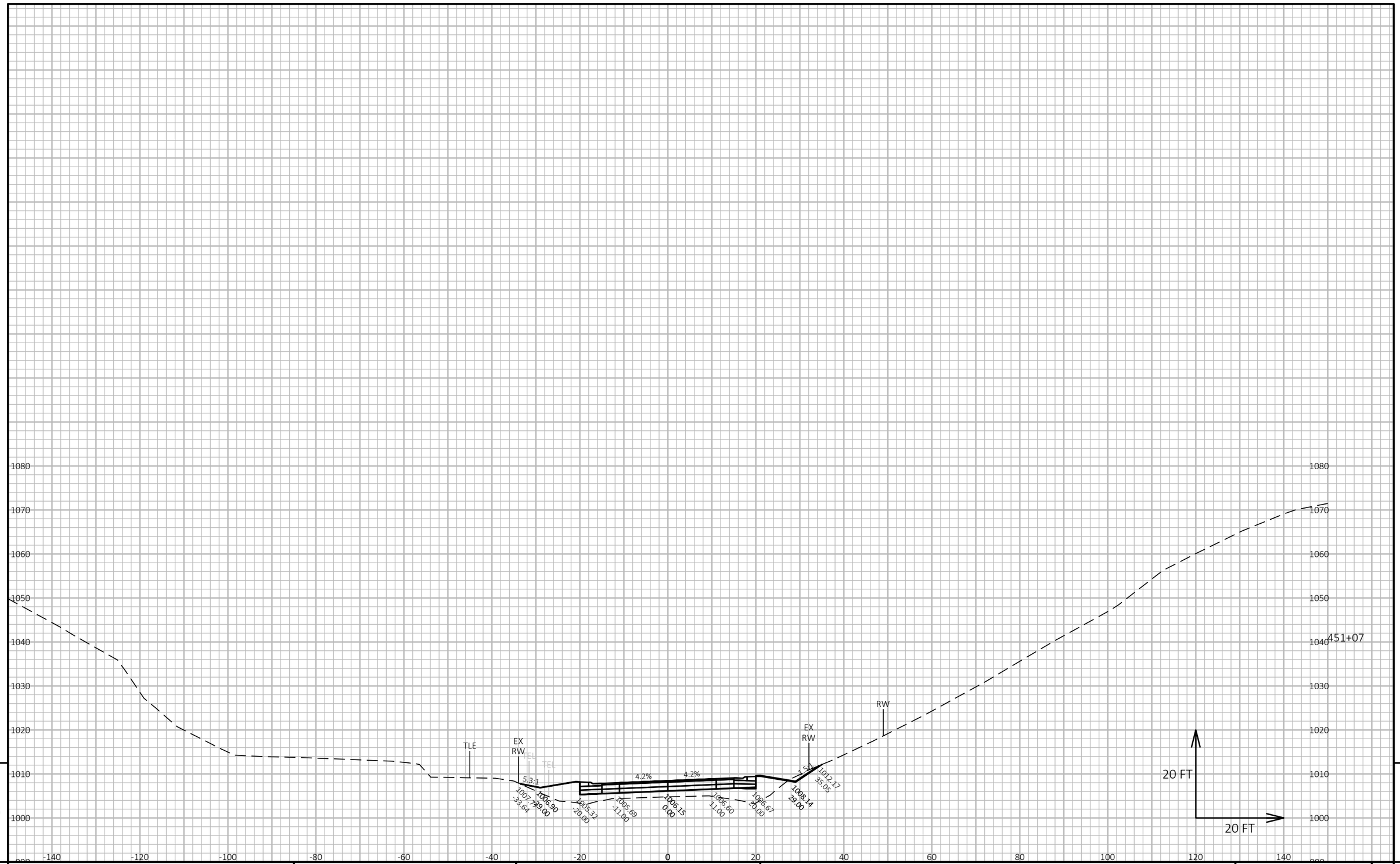
PLOT DATE : 7/30/2023 7:36 PM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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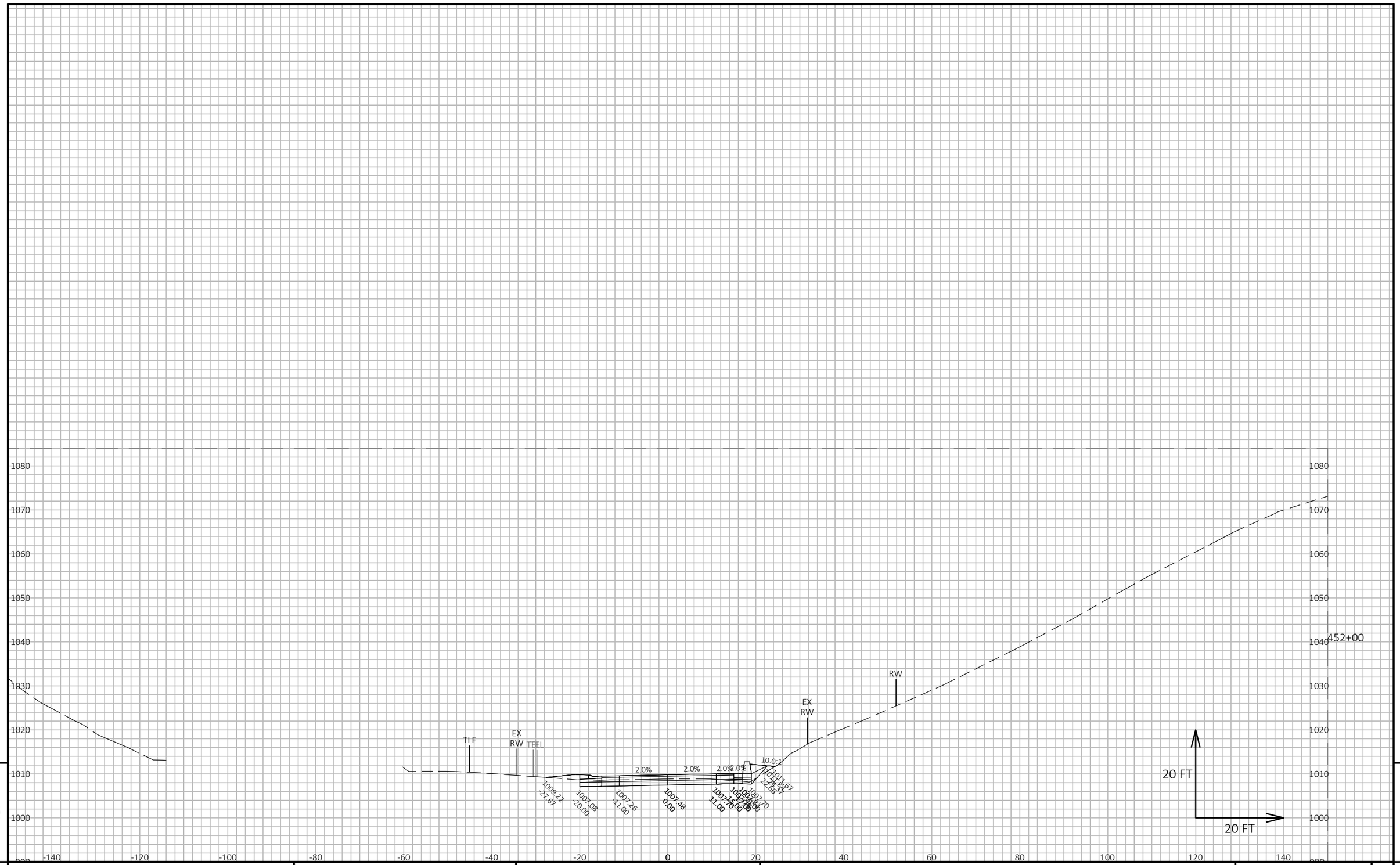
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 665	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_200

PLOT DATE : 7/30/2023 7:38 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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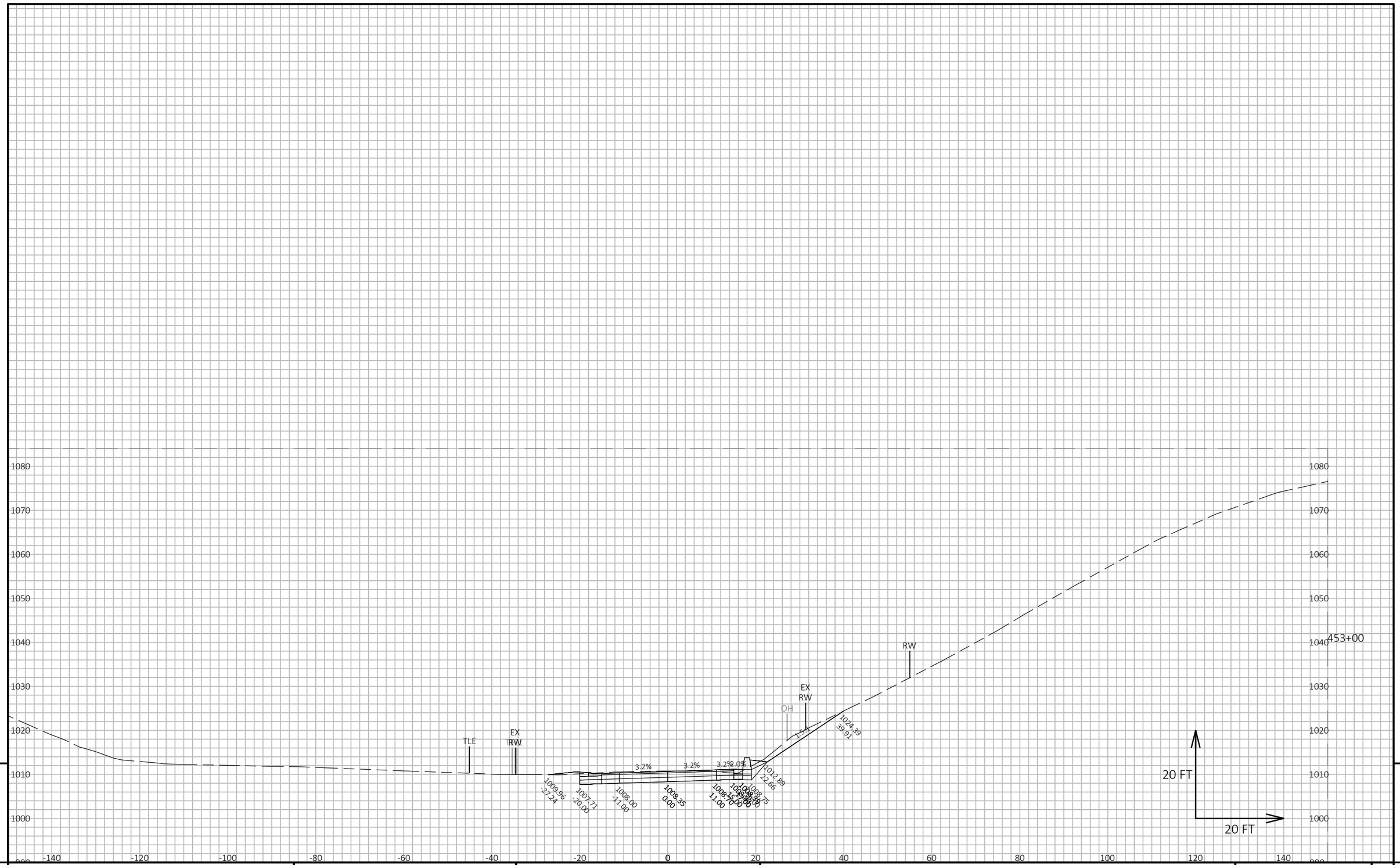
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 666	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_201

PLOT DATE : 7/21/2022 4:36 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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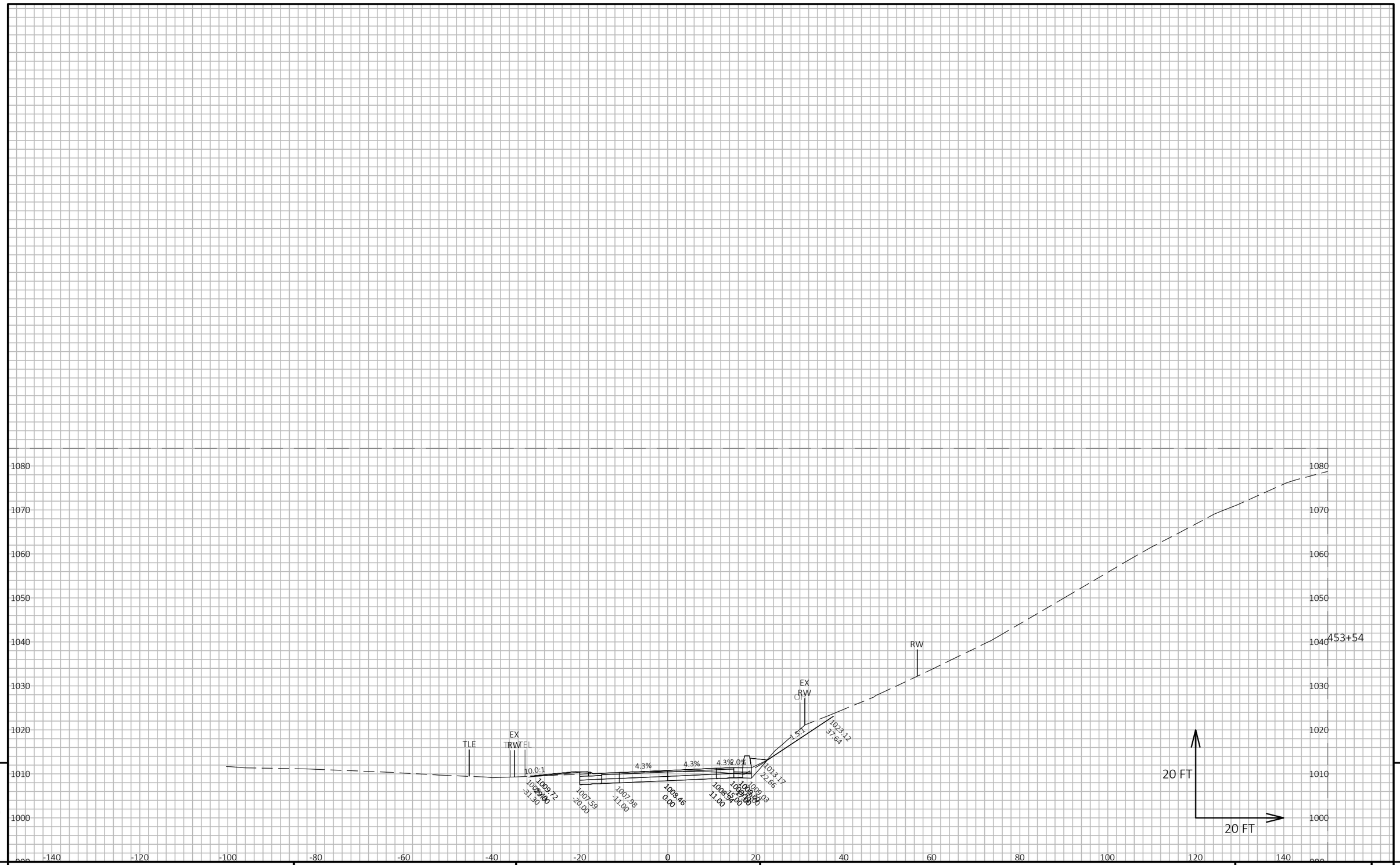
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 667	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_202

PLOT DATE : 7/21/2022 4:36 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 668	E

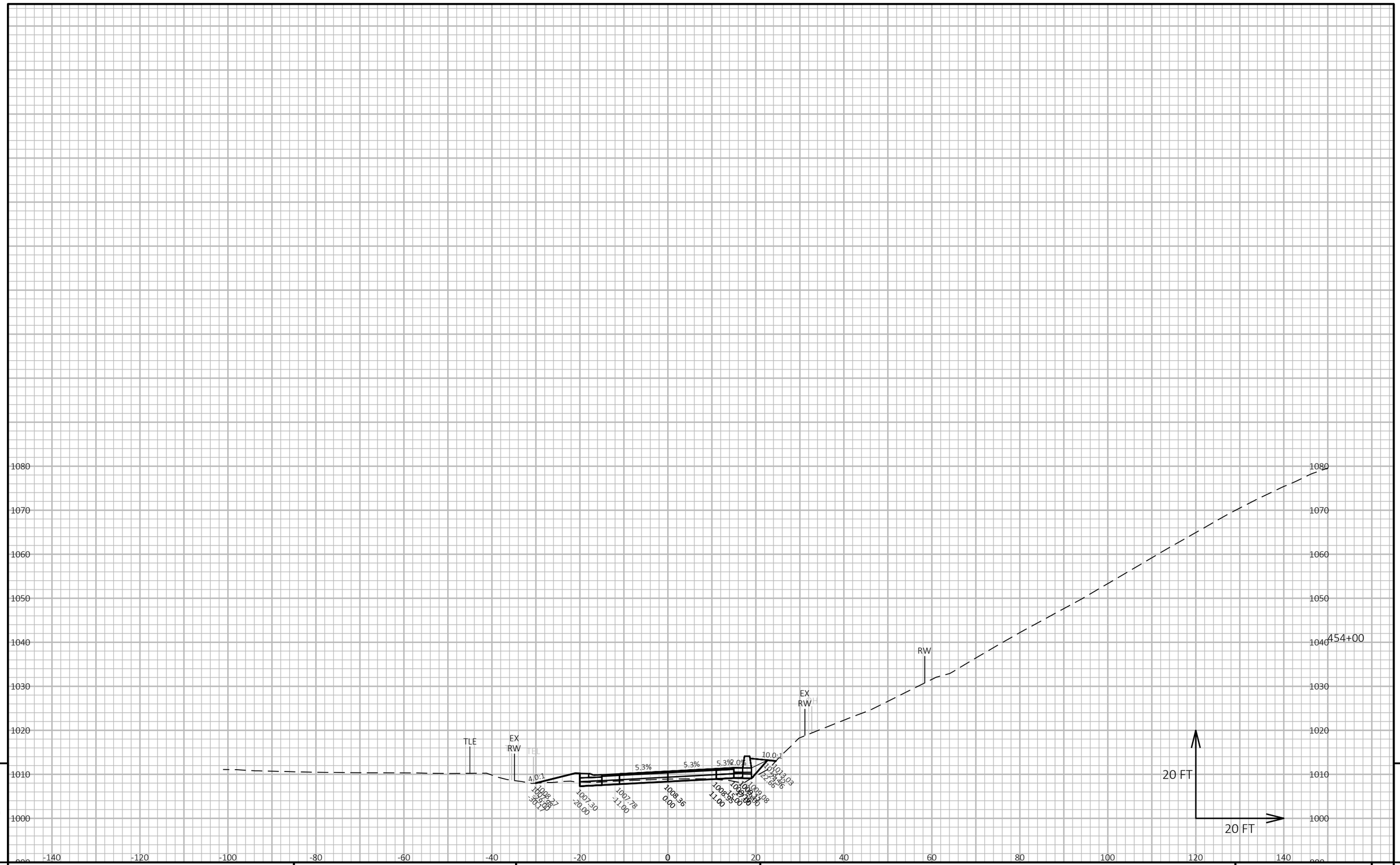
FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_203

PLOT DATE : 7/21/2022 4:36 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



9

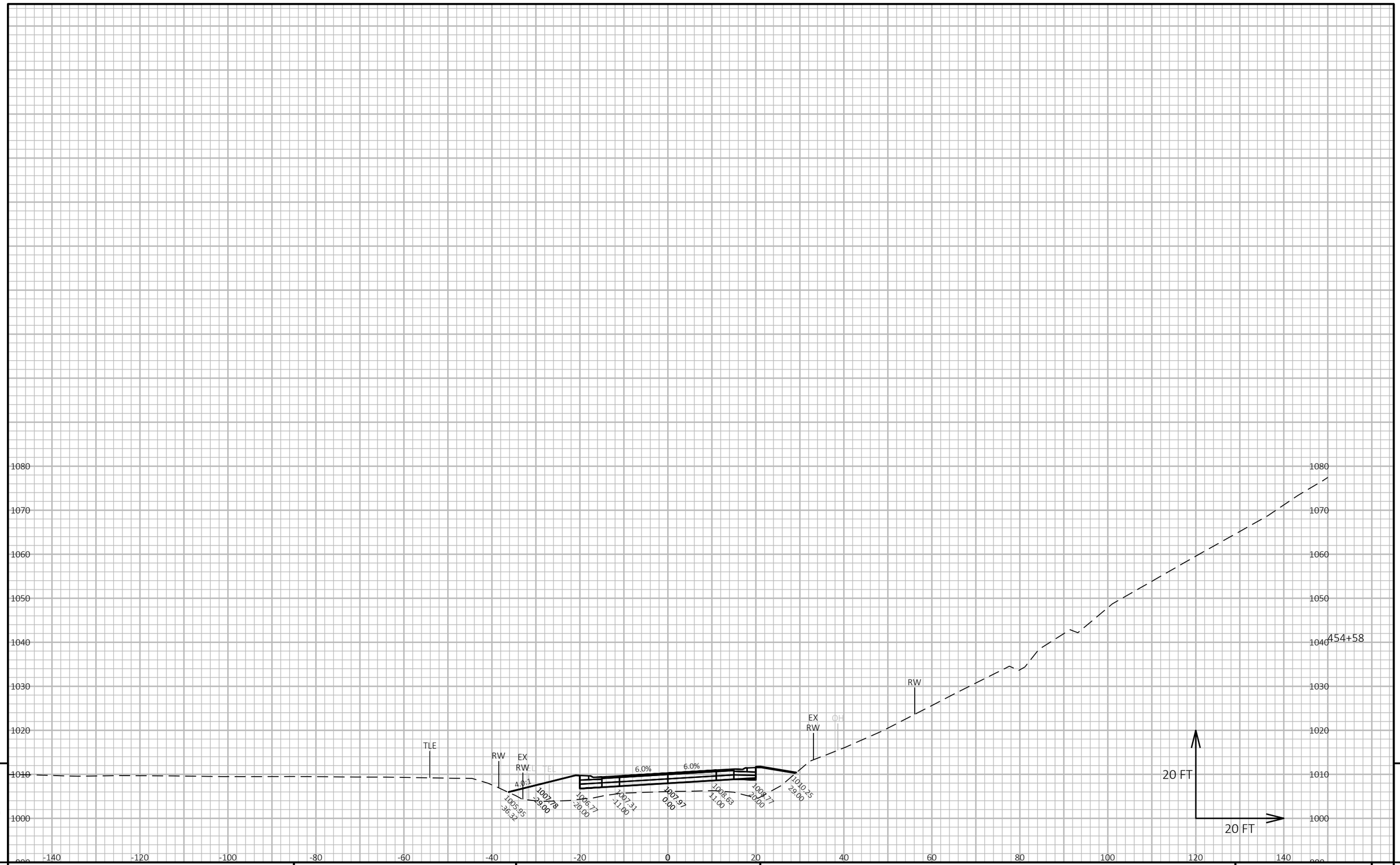
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 669	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_204

PLOT DATE : 7/30/2023 7:40 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



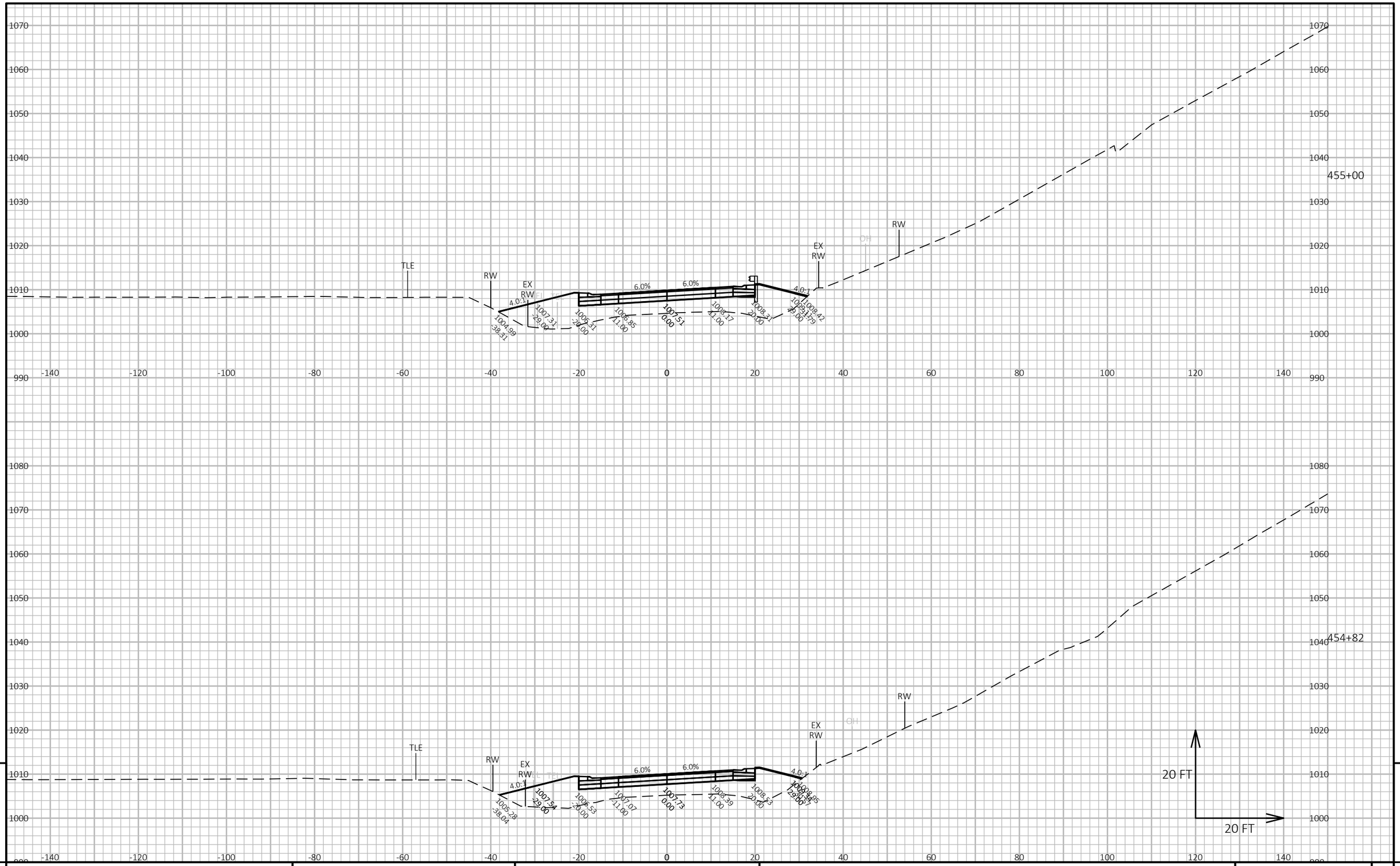
9

9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 670	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_205

PLOT DATE : 7/30/2023 7:43 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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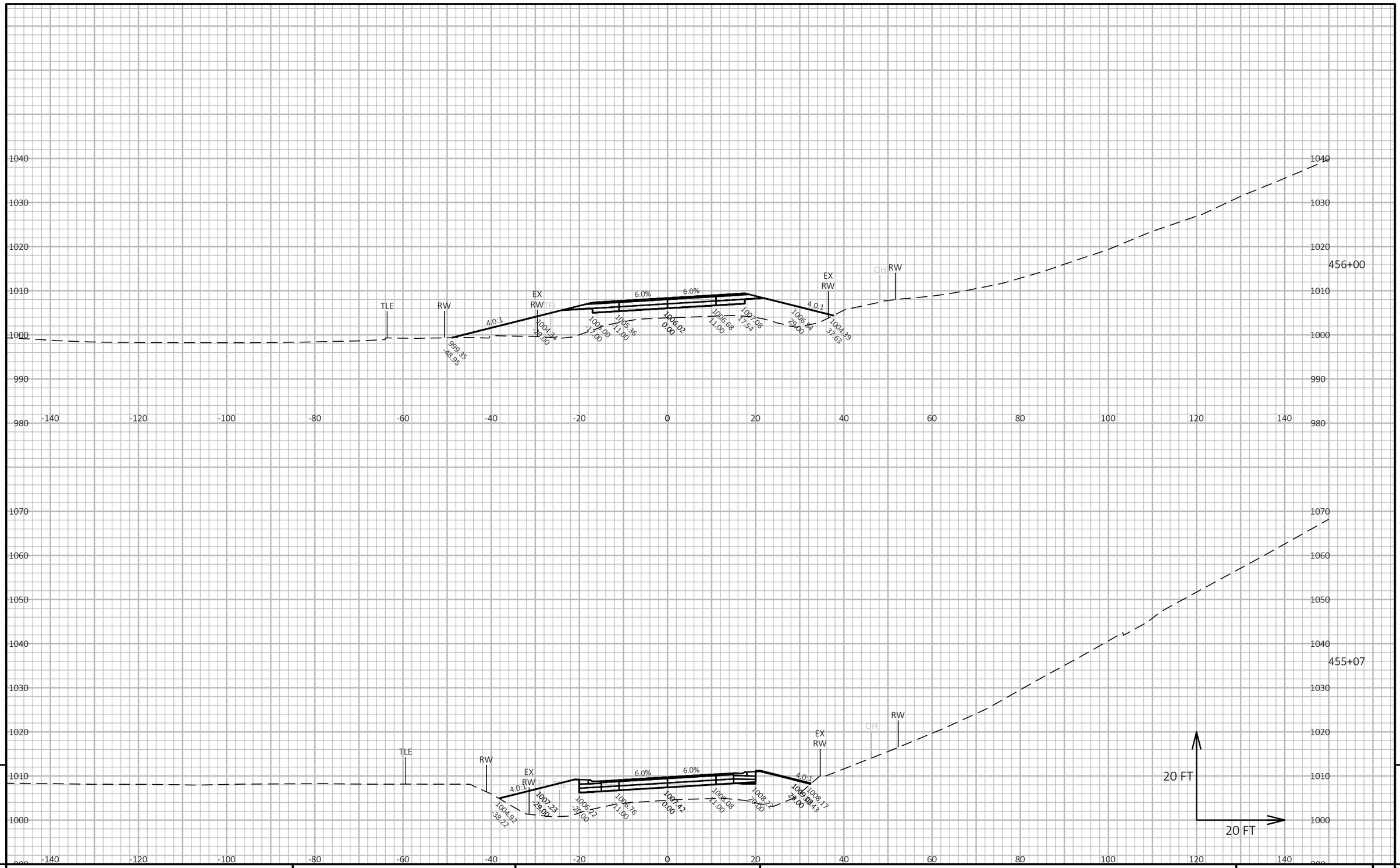
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 671	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_206

PLOT DATE : 7/30/2023 7:45 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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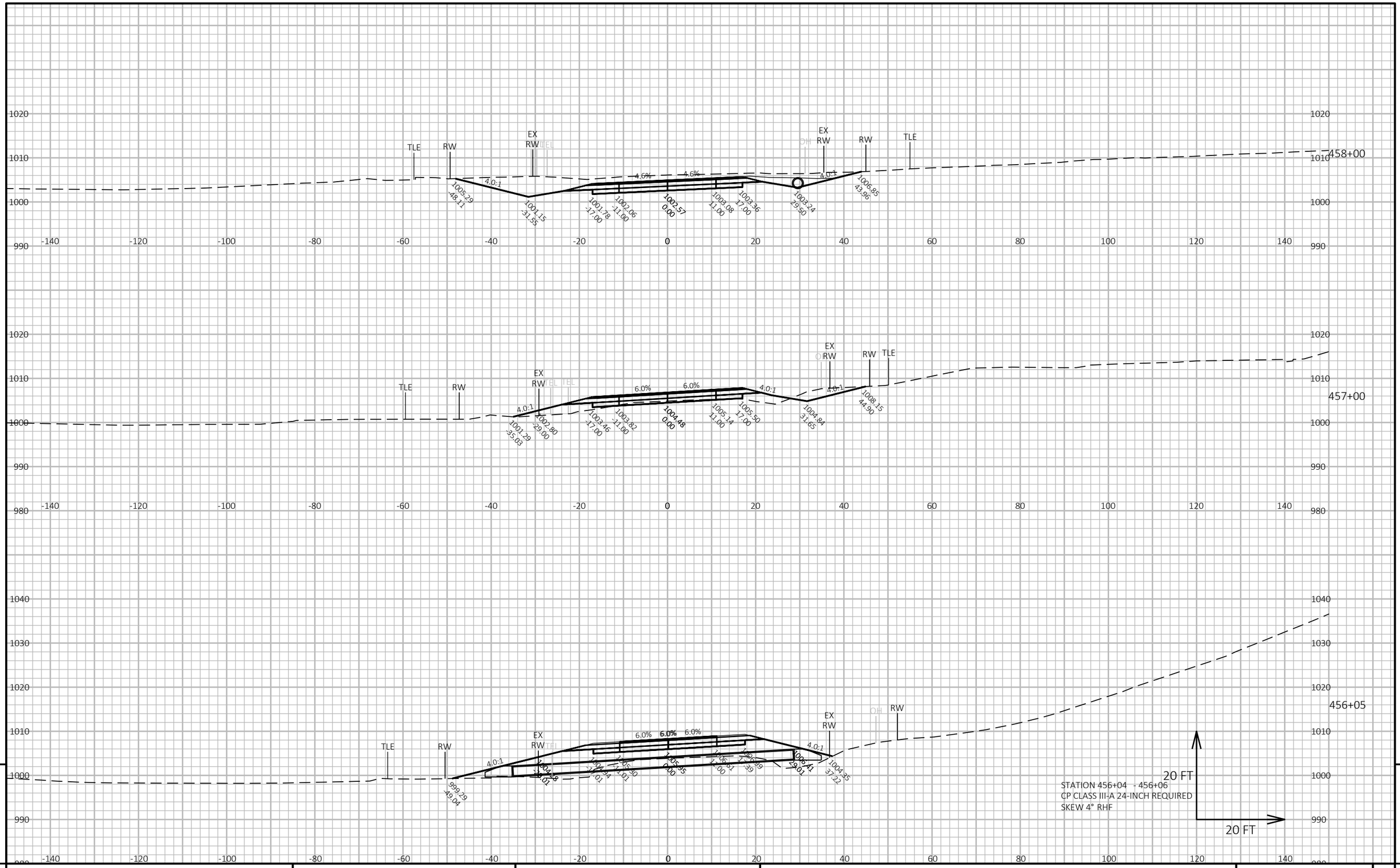
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 672	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_207

PLOT DATE : 7/30/2023 7:47 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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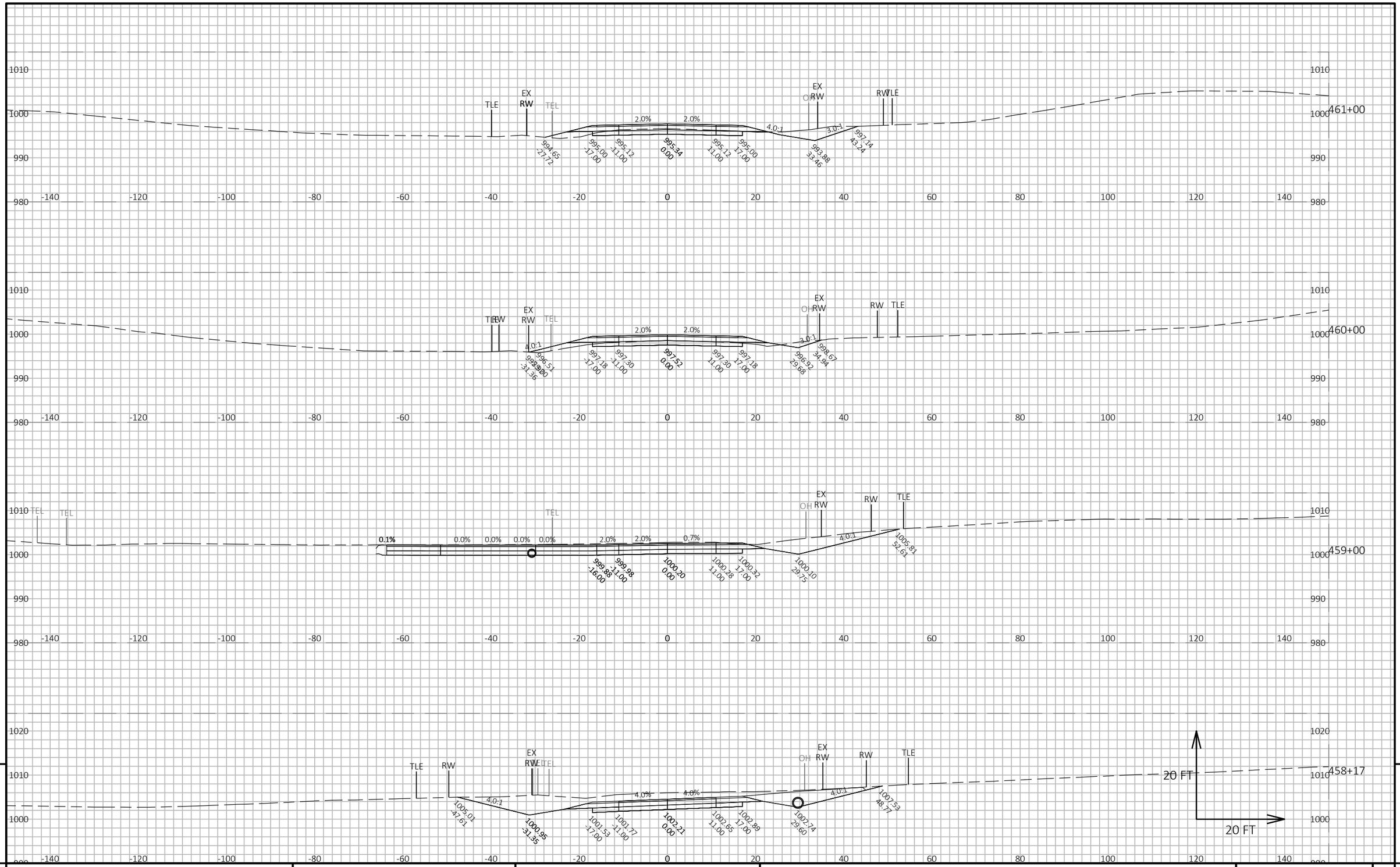
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 673	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_208

PLOT DATE : 7/30/2023 7:49 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 674	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_209

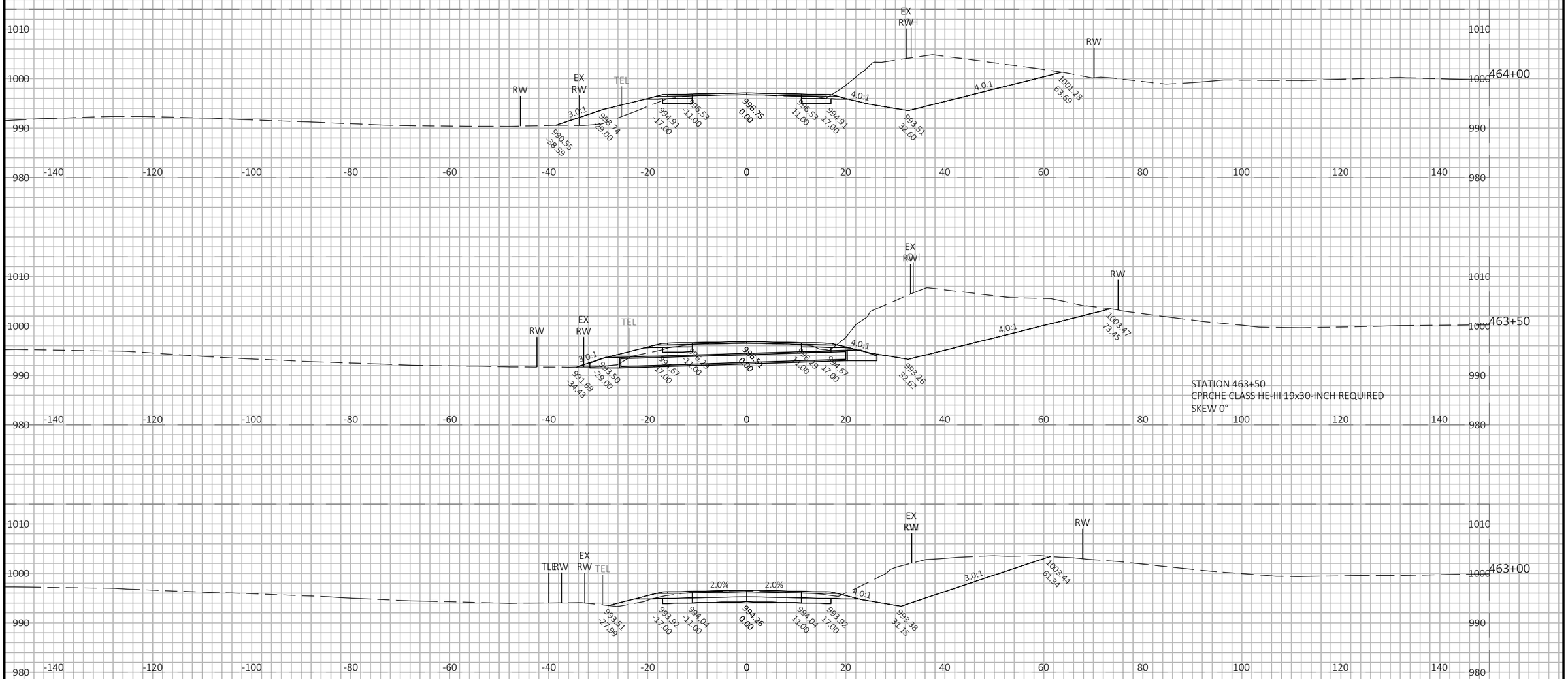
PLOT DATE : 7/21/2022 4:37 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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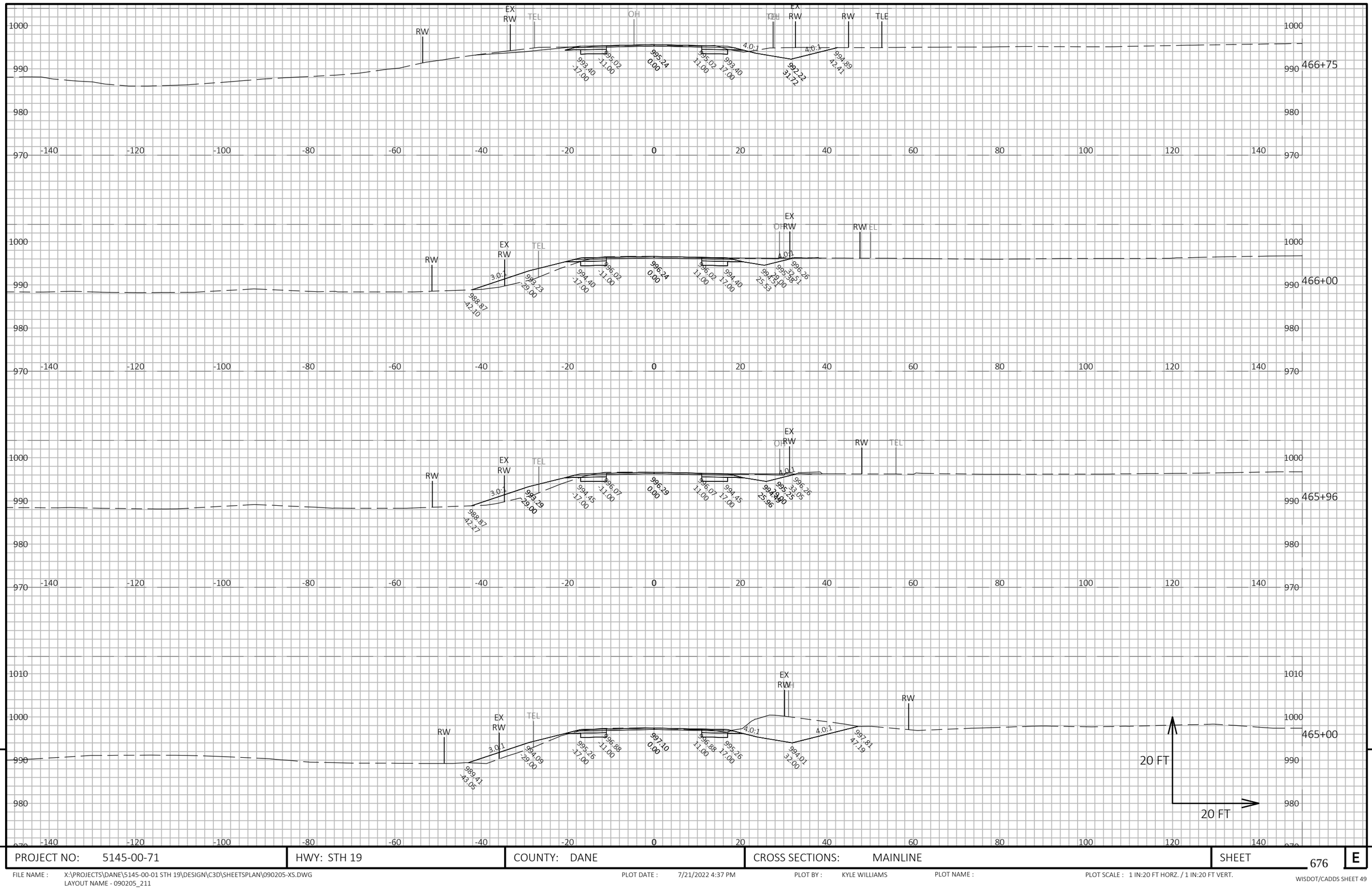
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 675	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_210

PLOT DATE : 7/21/2022 4:37 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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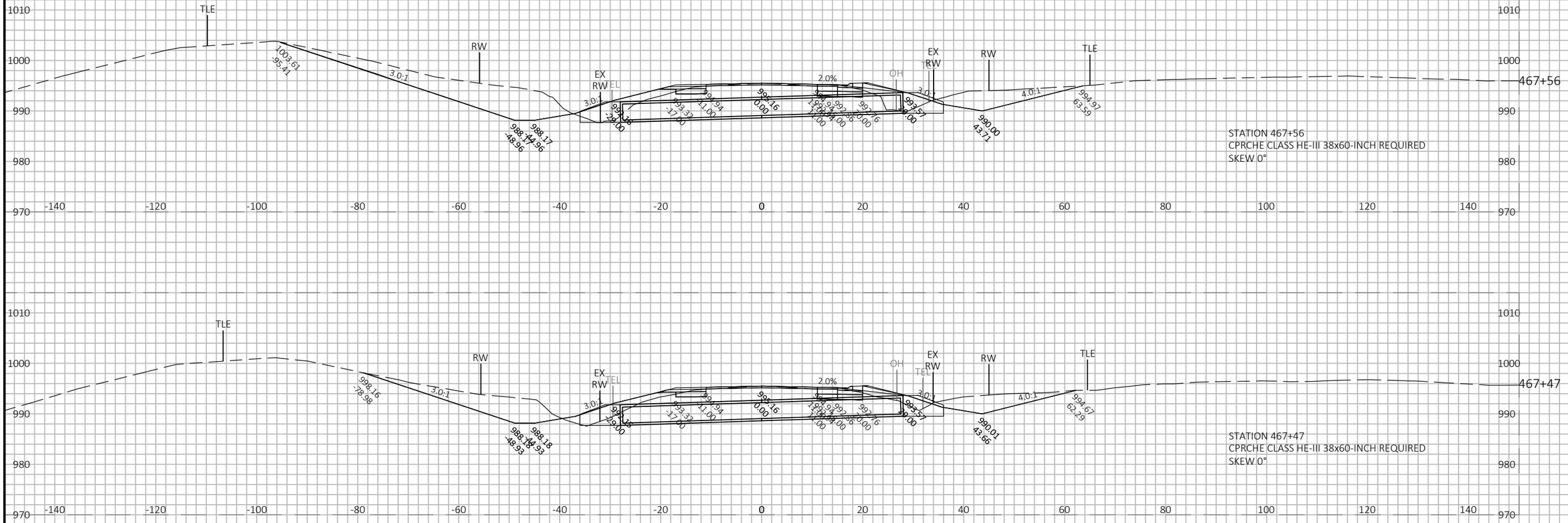
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 676	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_211

PLOT DATE : 7/21/2022 4:37 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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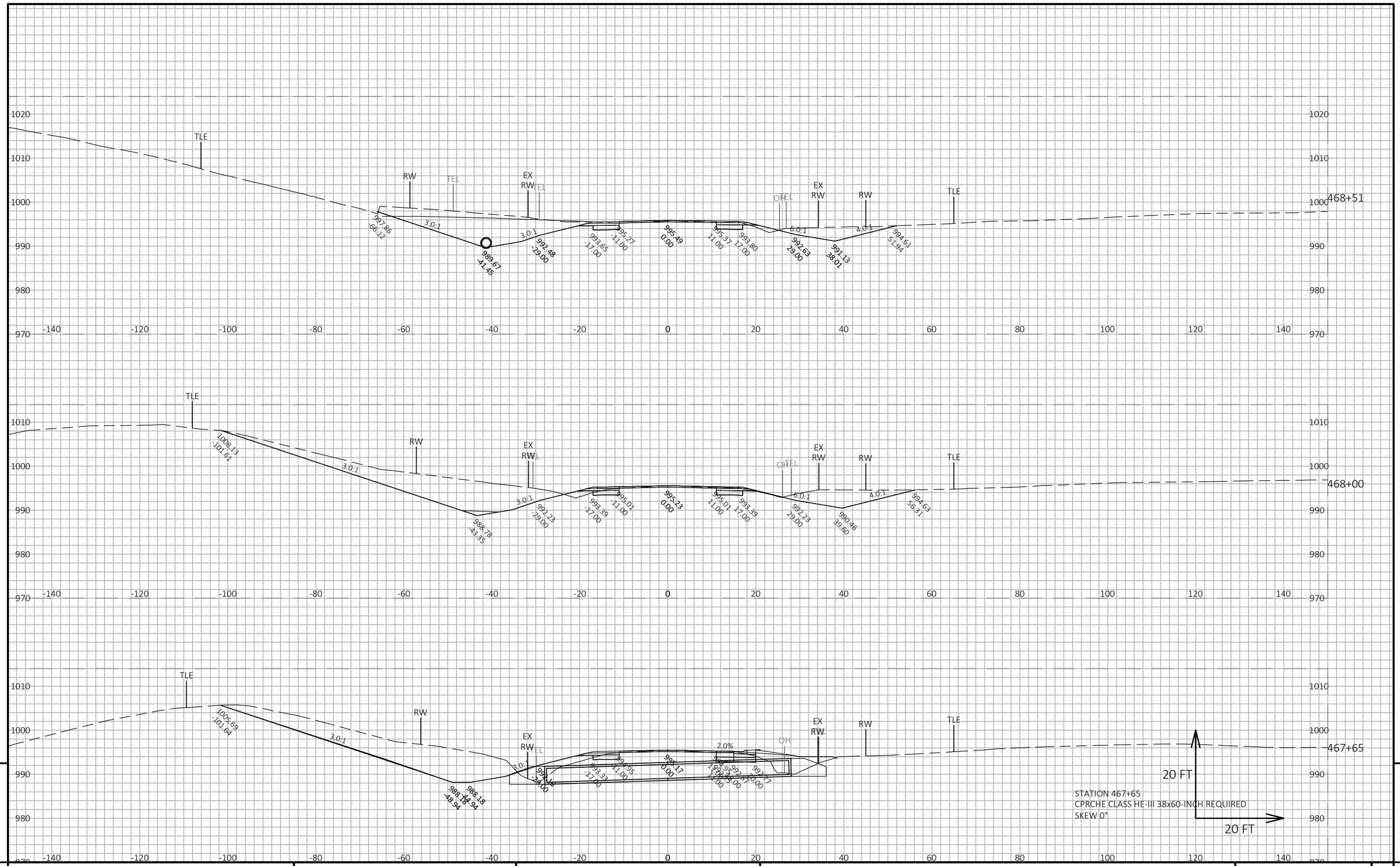
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 677	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_212

PLOT DATE : 7/21/2022 4:37 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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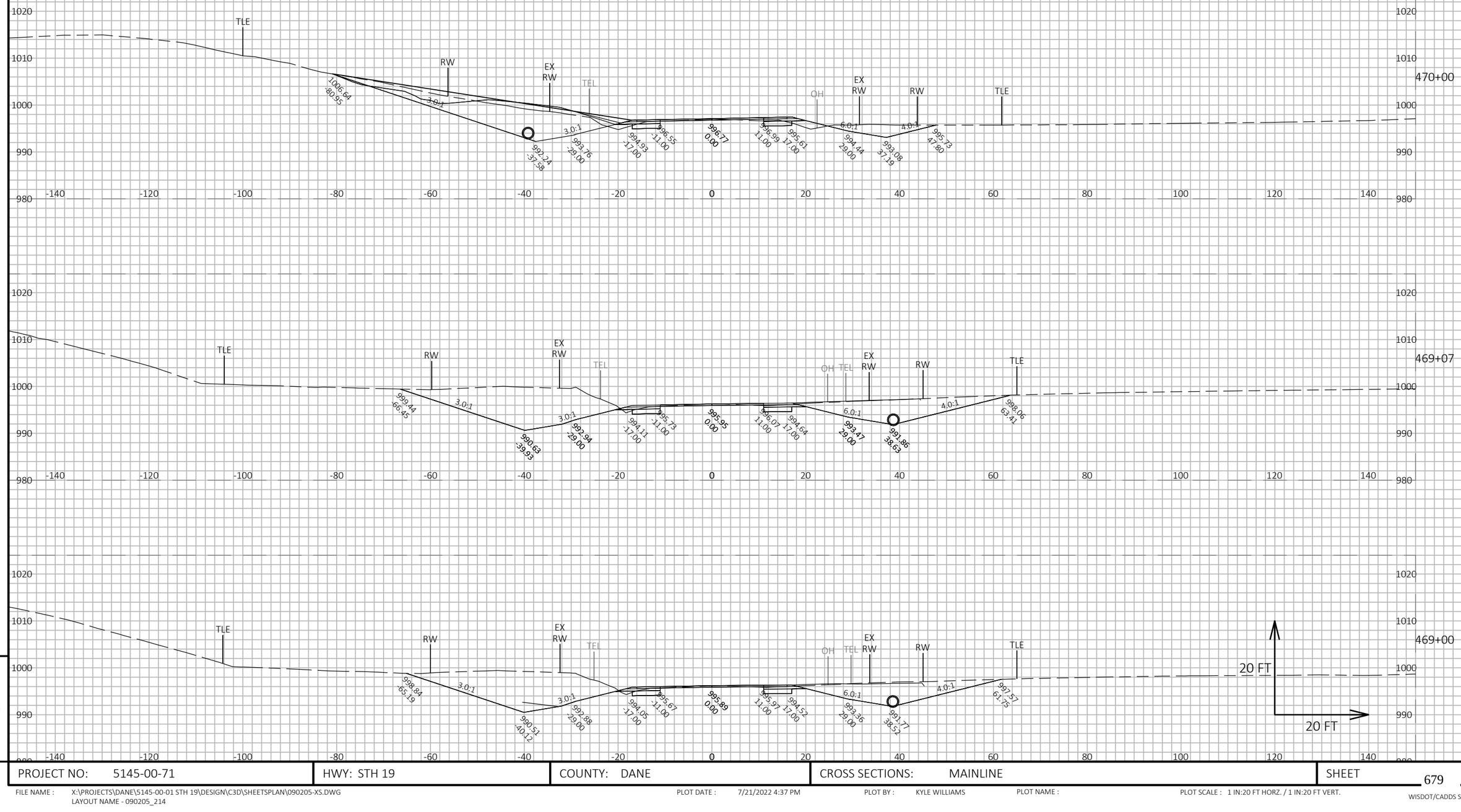
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 678	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_213

PLOT DATE : 7/21/2022 4:37 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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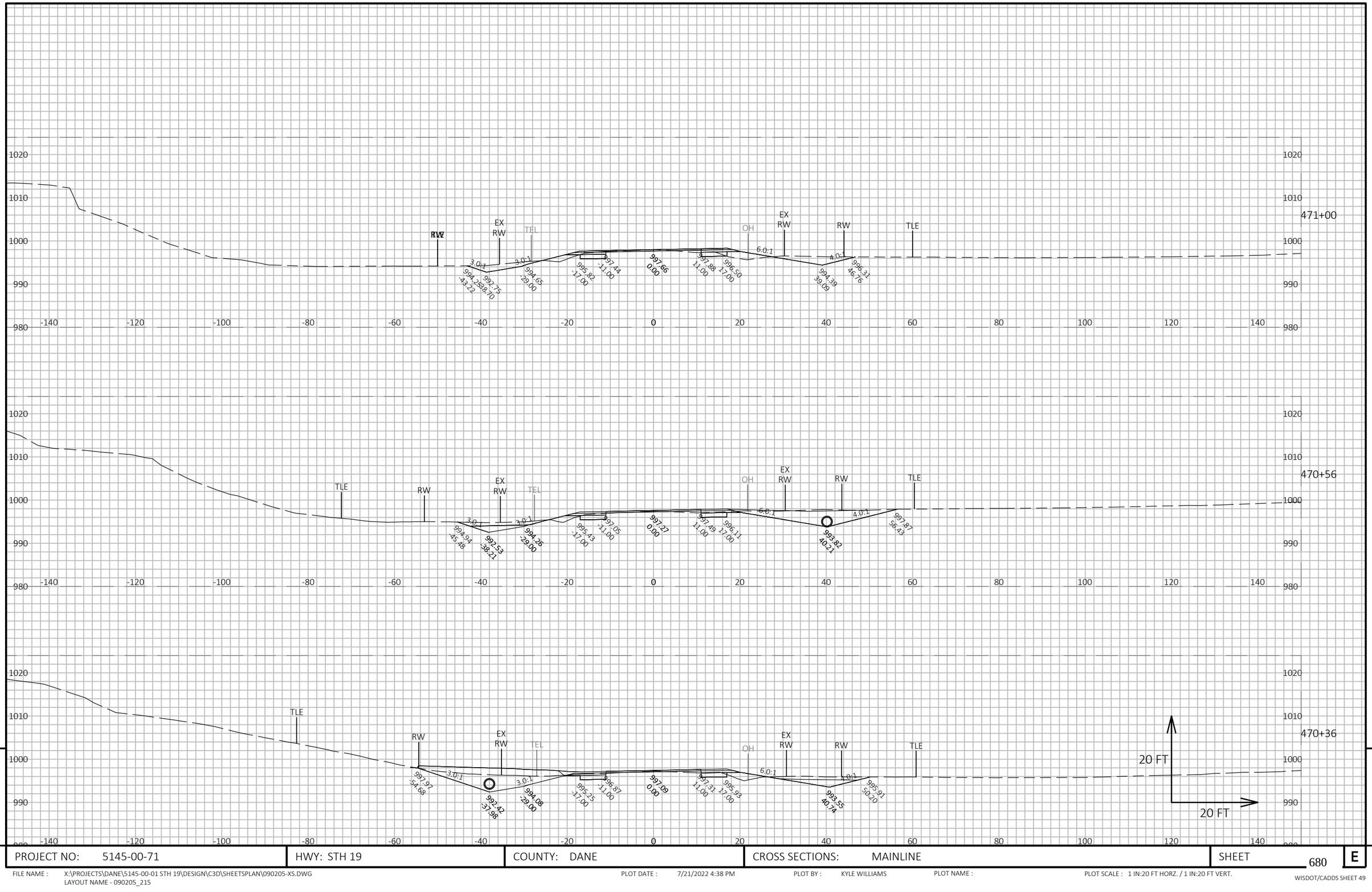
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 679	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_214

PLOT DATE : 7/21/2022 4:37 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

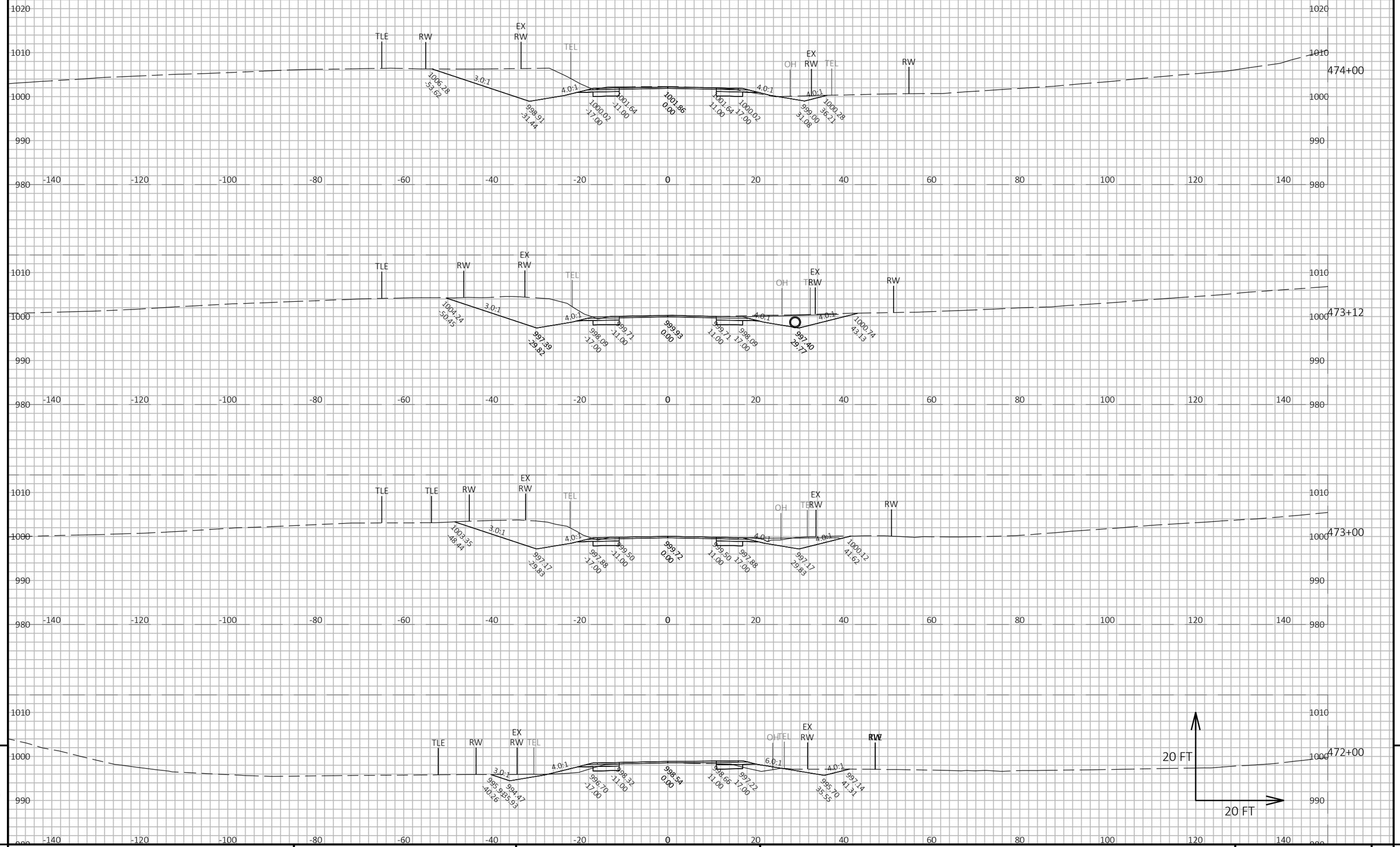


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 680 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_215

PLOT DATE : 7/21/2022 4:38 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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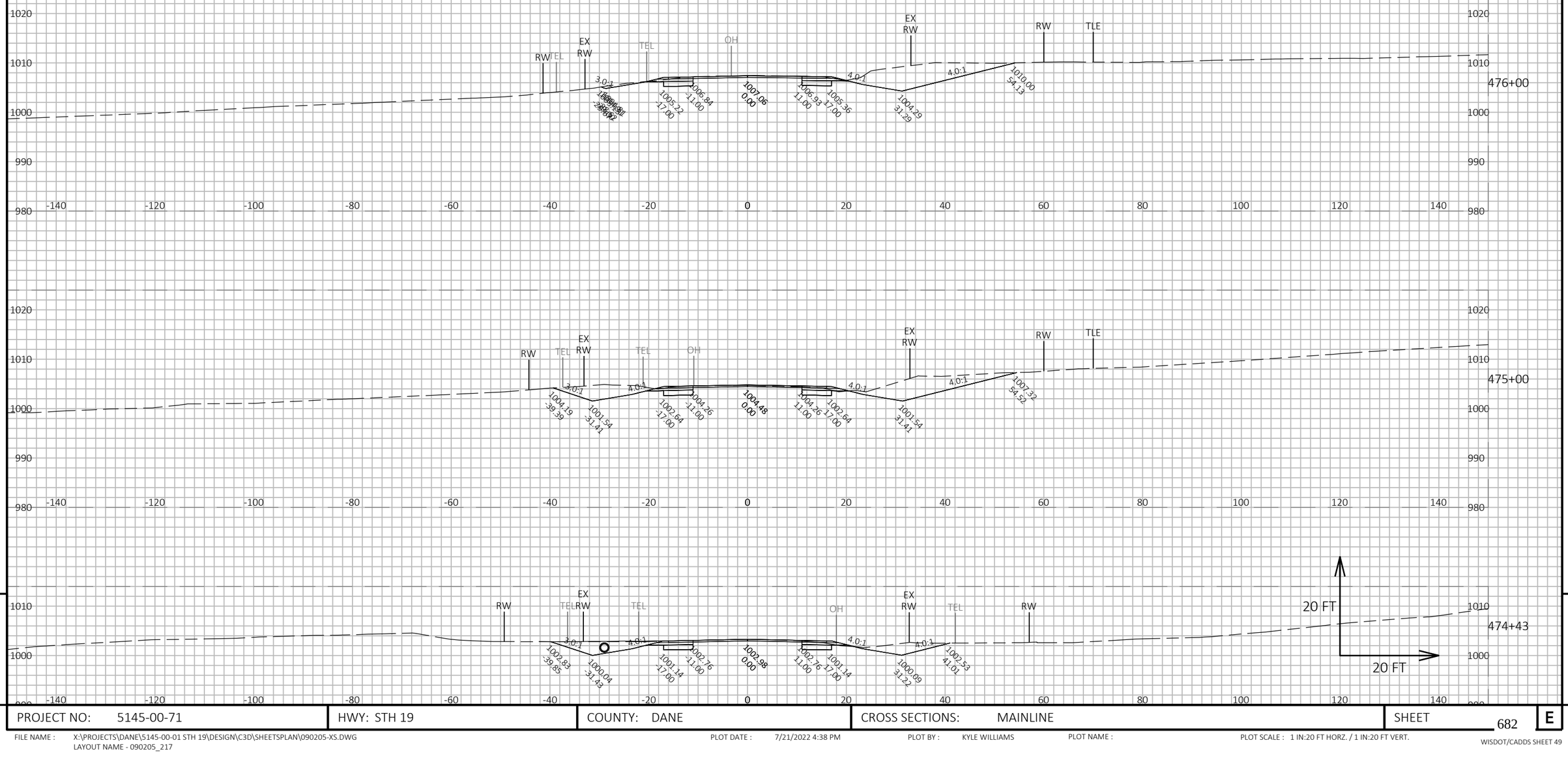
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 681	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_216

PLOT DATE : 7/21/2022 4:38 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 682	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_217

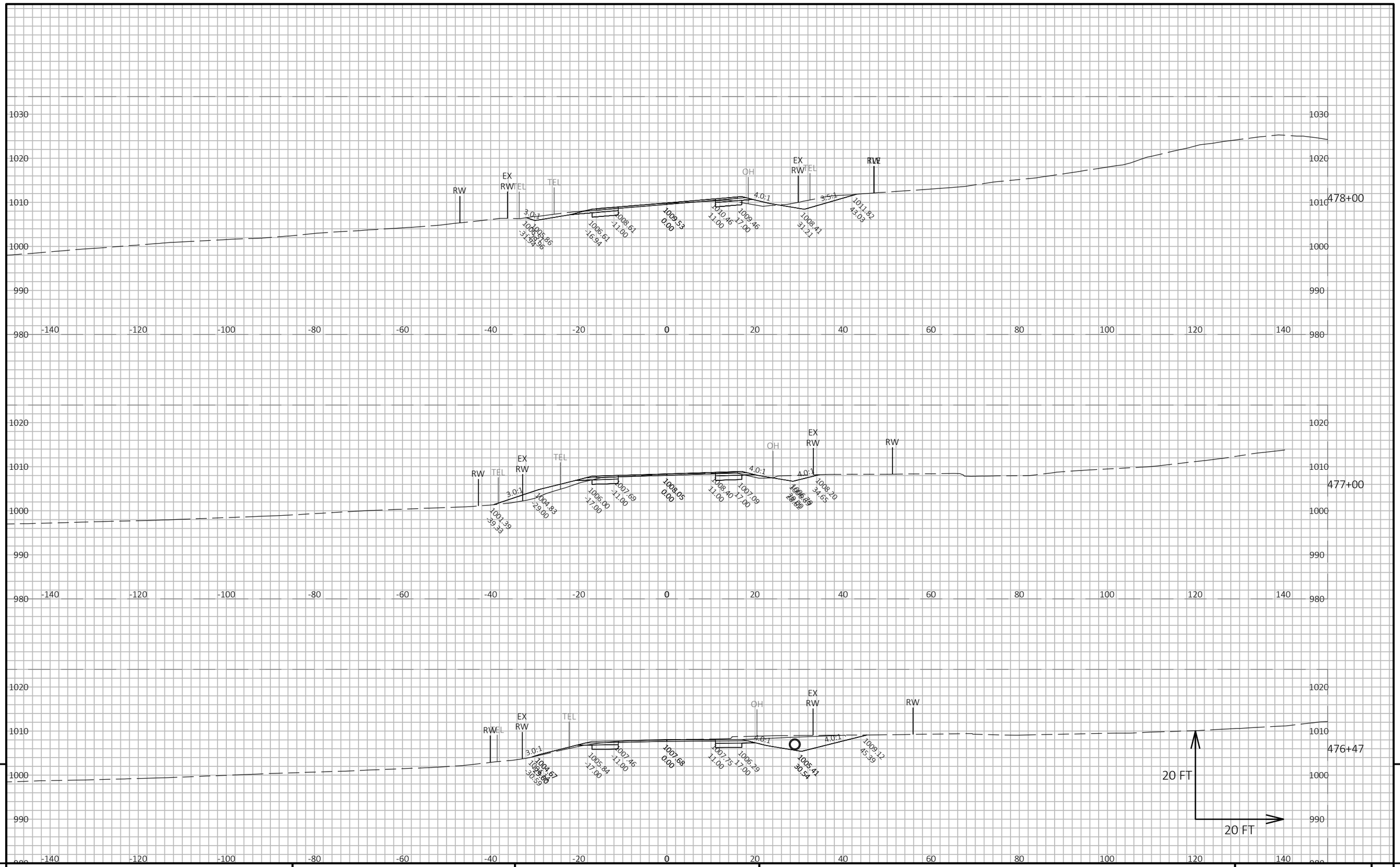
PLOT DATE : 7/21/2022 4:38 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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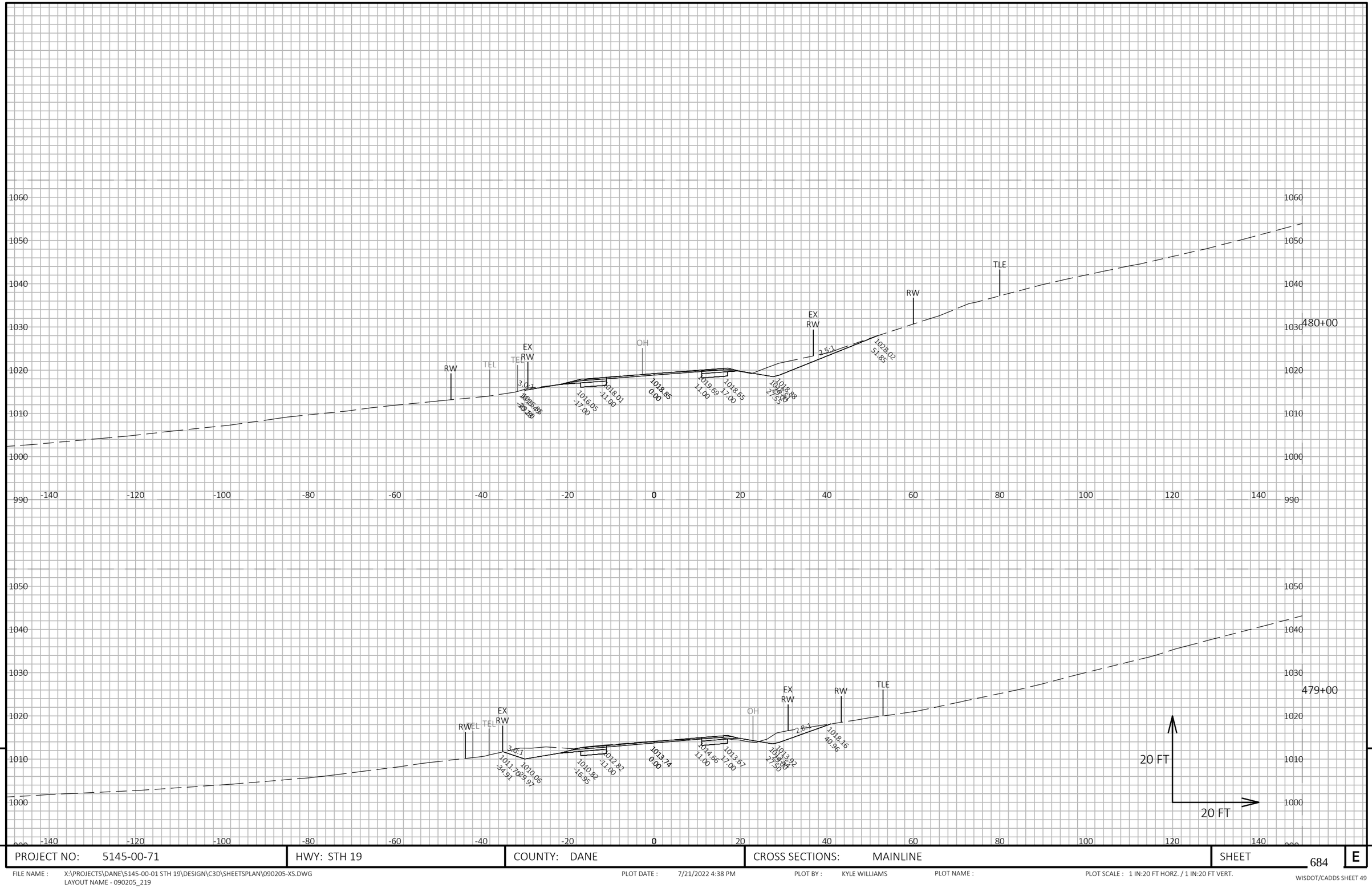
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 683	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_218

PLOT DATE : 7/21/2022 4:38 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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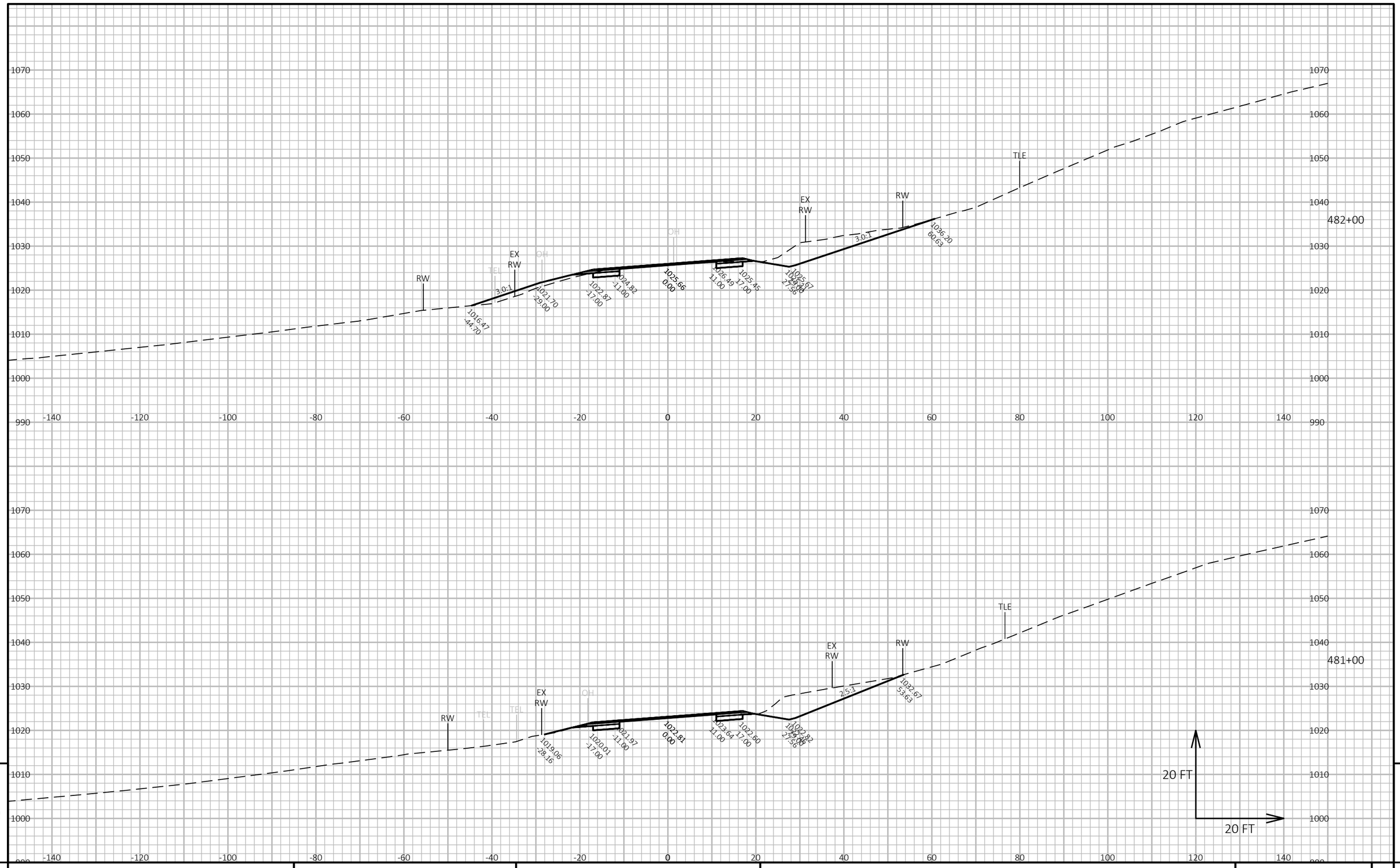
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 684	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_219

PLOT DATE : 7/21/2022 4:38 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 685	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_220

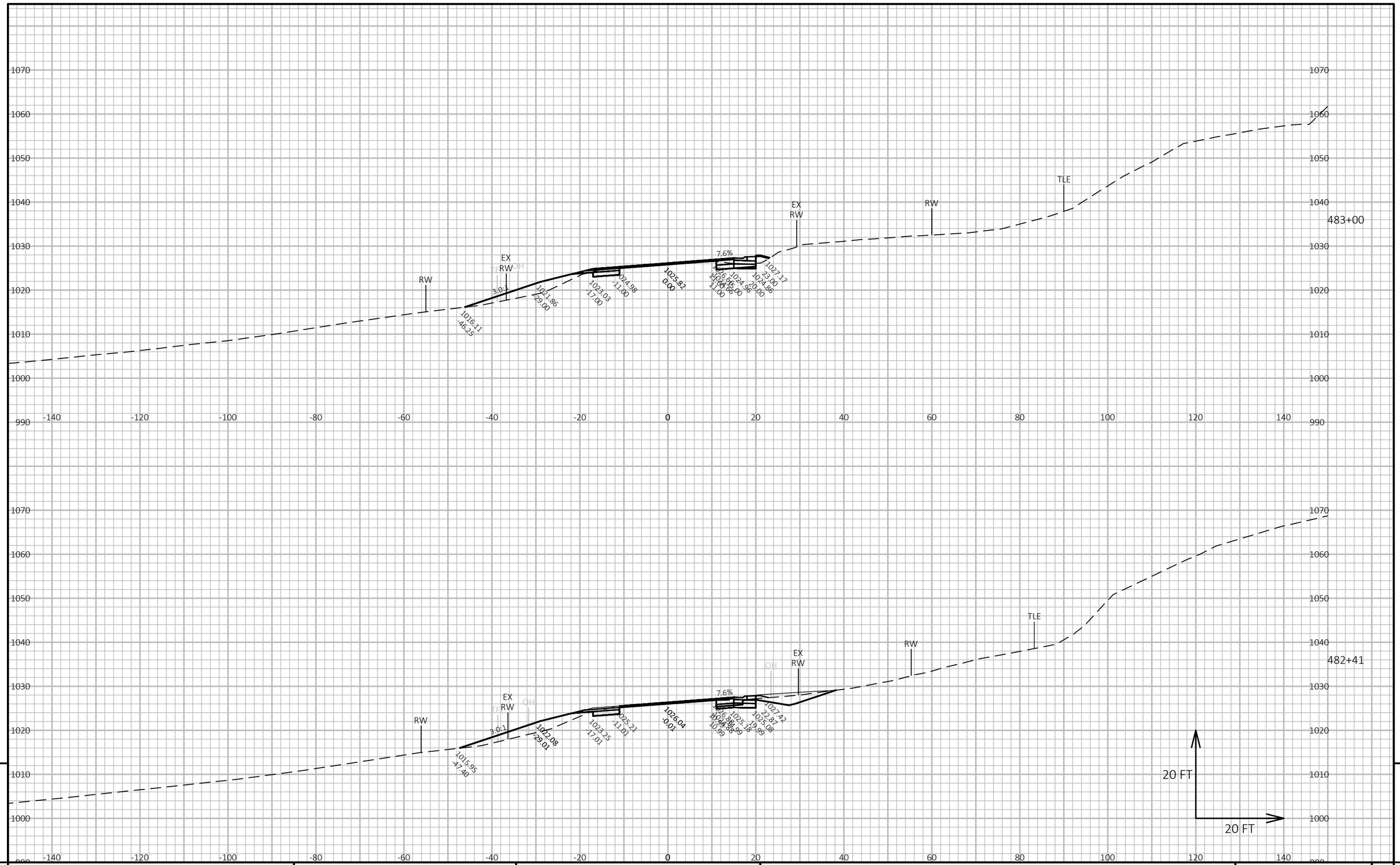
PLOT DATE : 7/30/2023 7:51 PM

PLOT BY : MARK MISUN

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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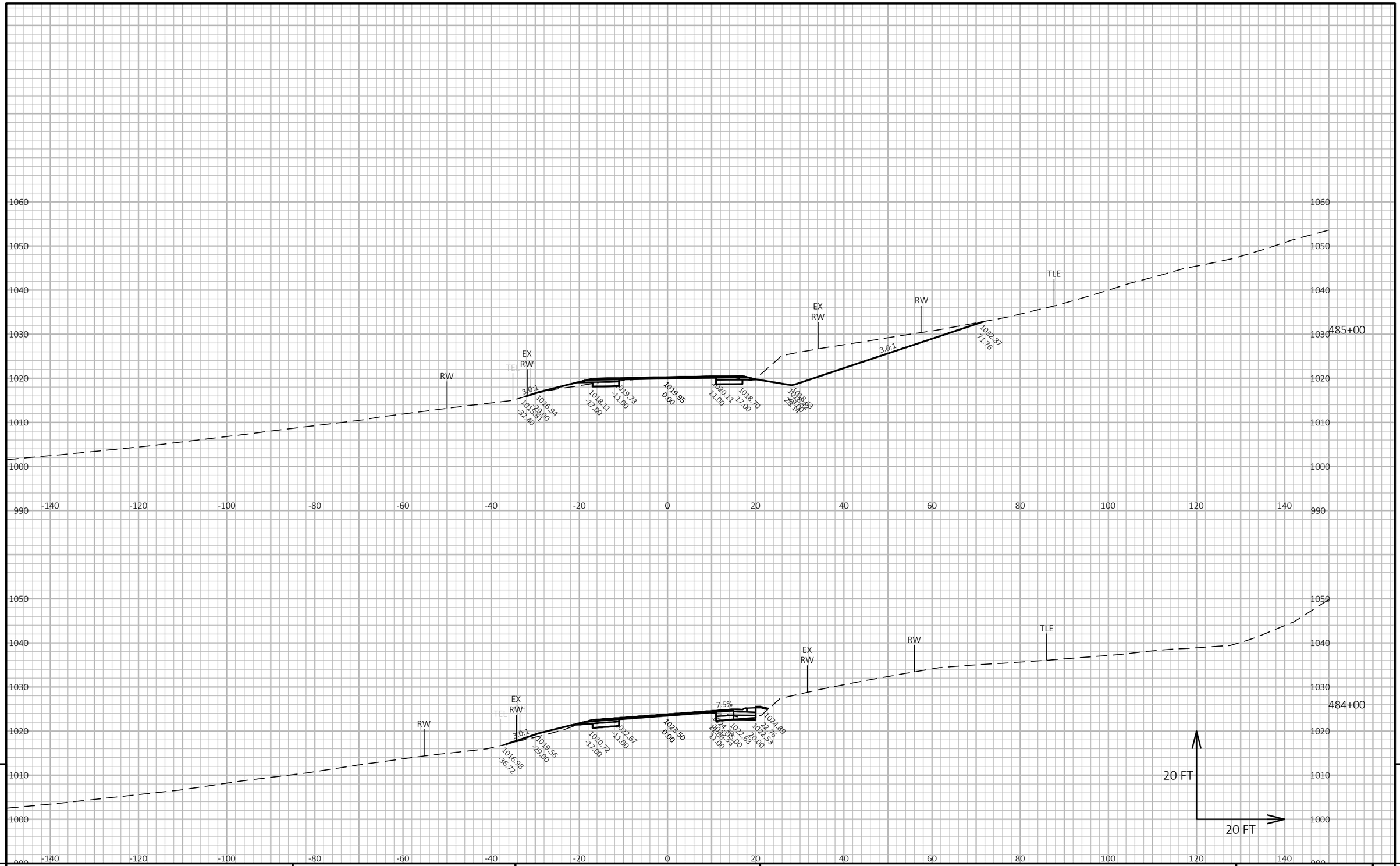
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 686	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_221

PLOT DATE : 7/30/2023 7:53 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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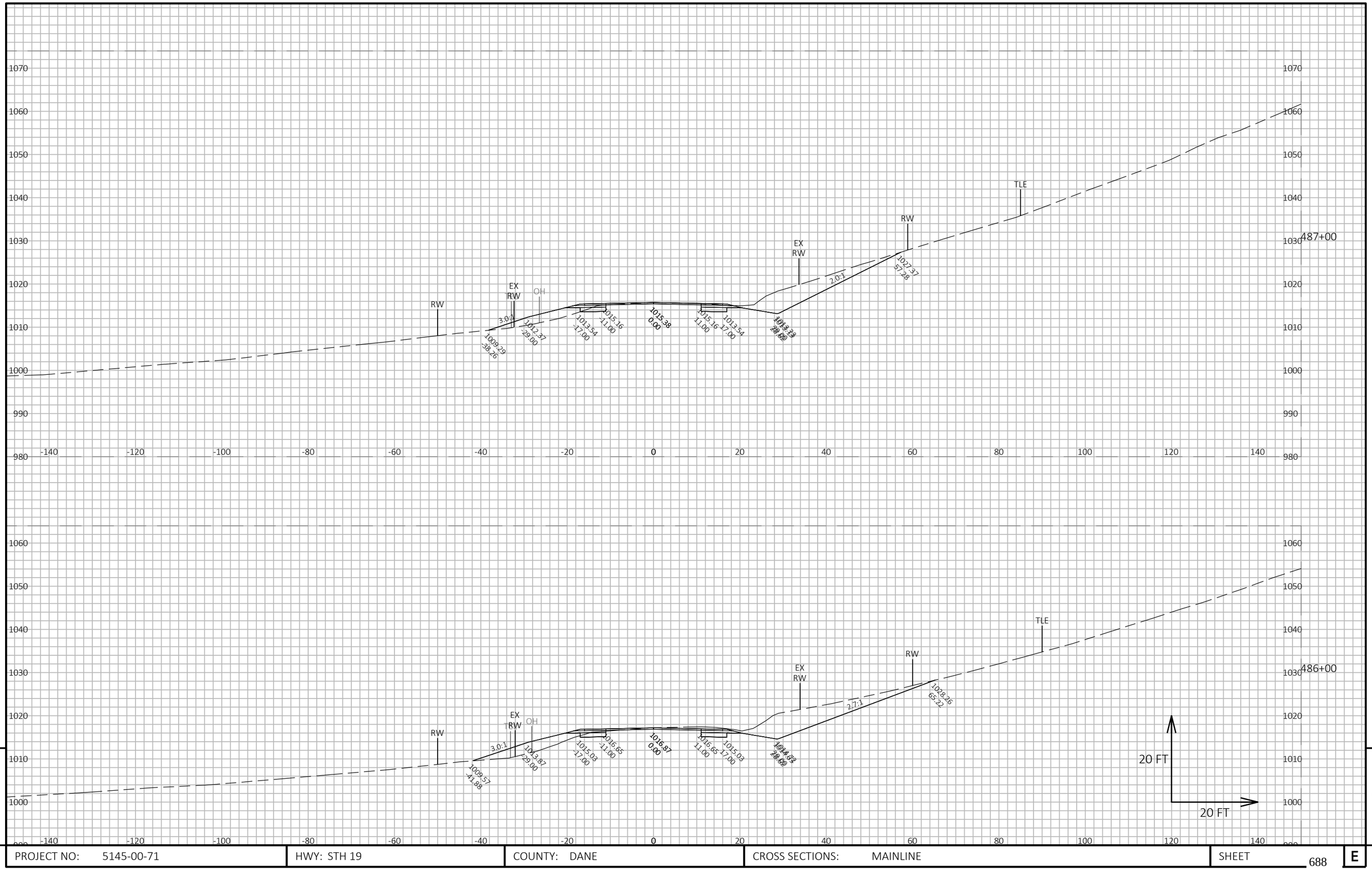
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 687	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_222

PLOT DATE : 7/30/2023 7:55 PM PLOT BY : MARK MISUN PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

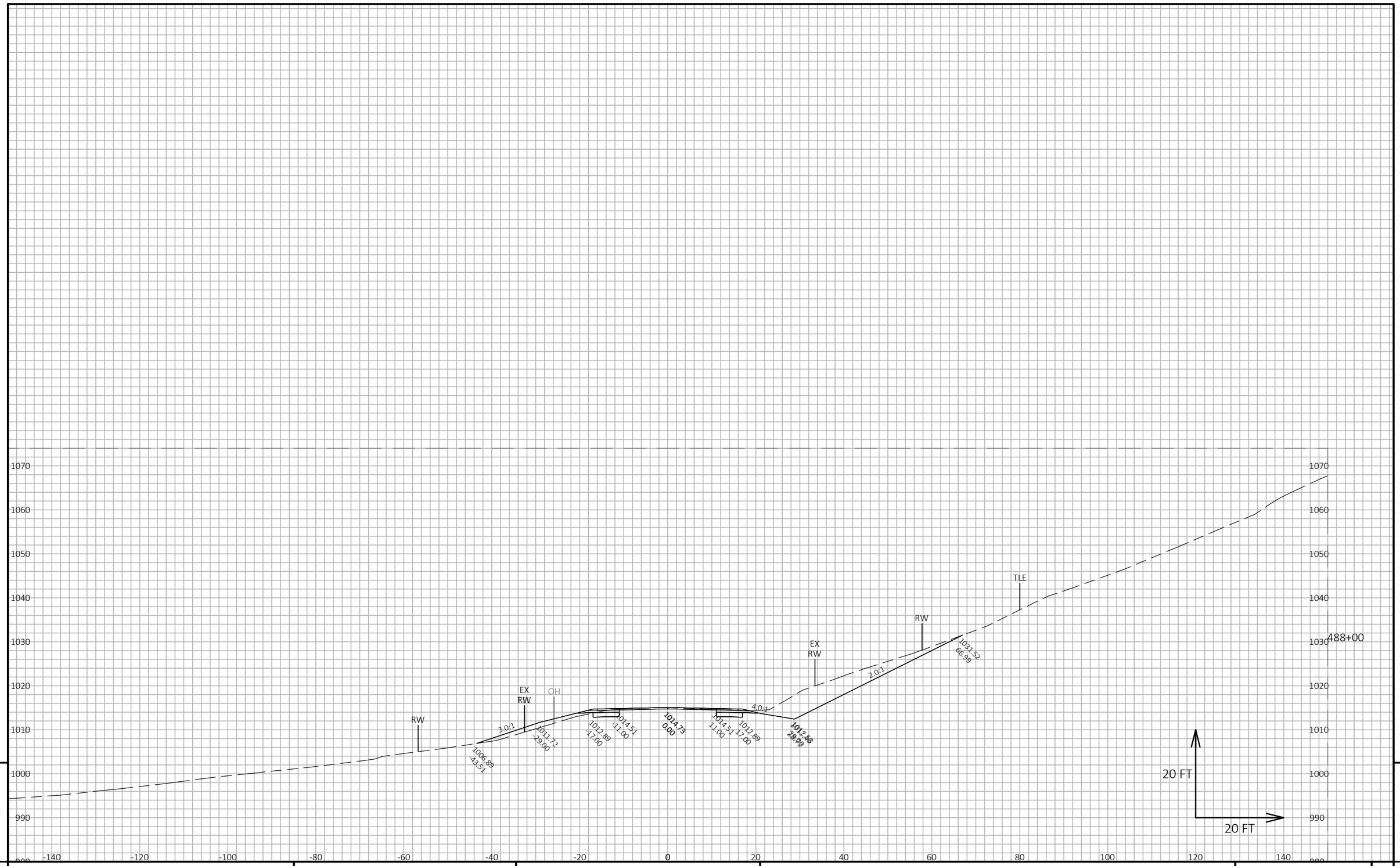


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 688 E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_223

PLOT DATE : 7/21/2022 4:38 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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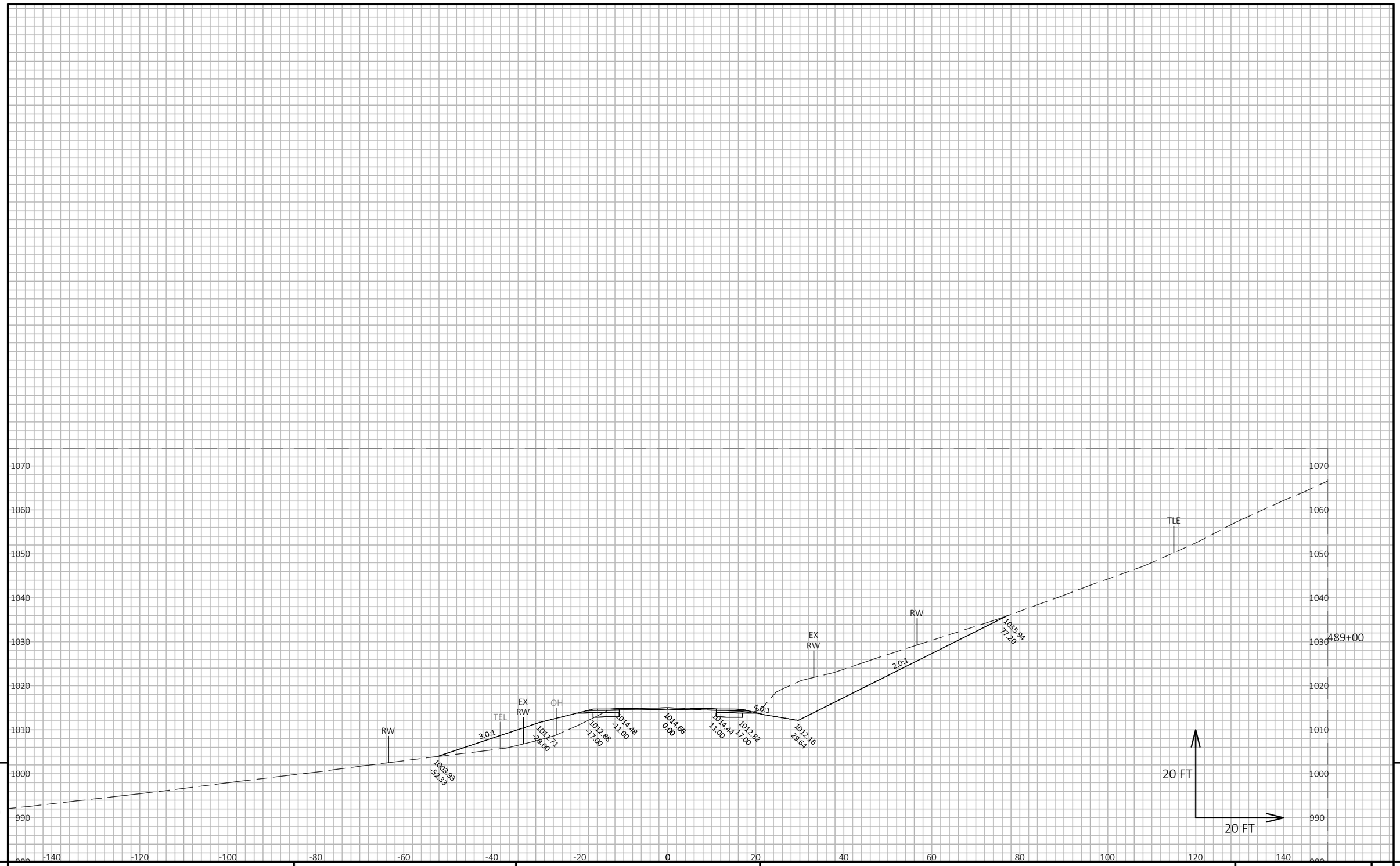
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 689	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_224

PLOT DATE : 7/21/2022 4:38 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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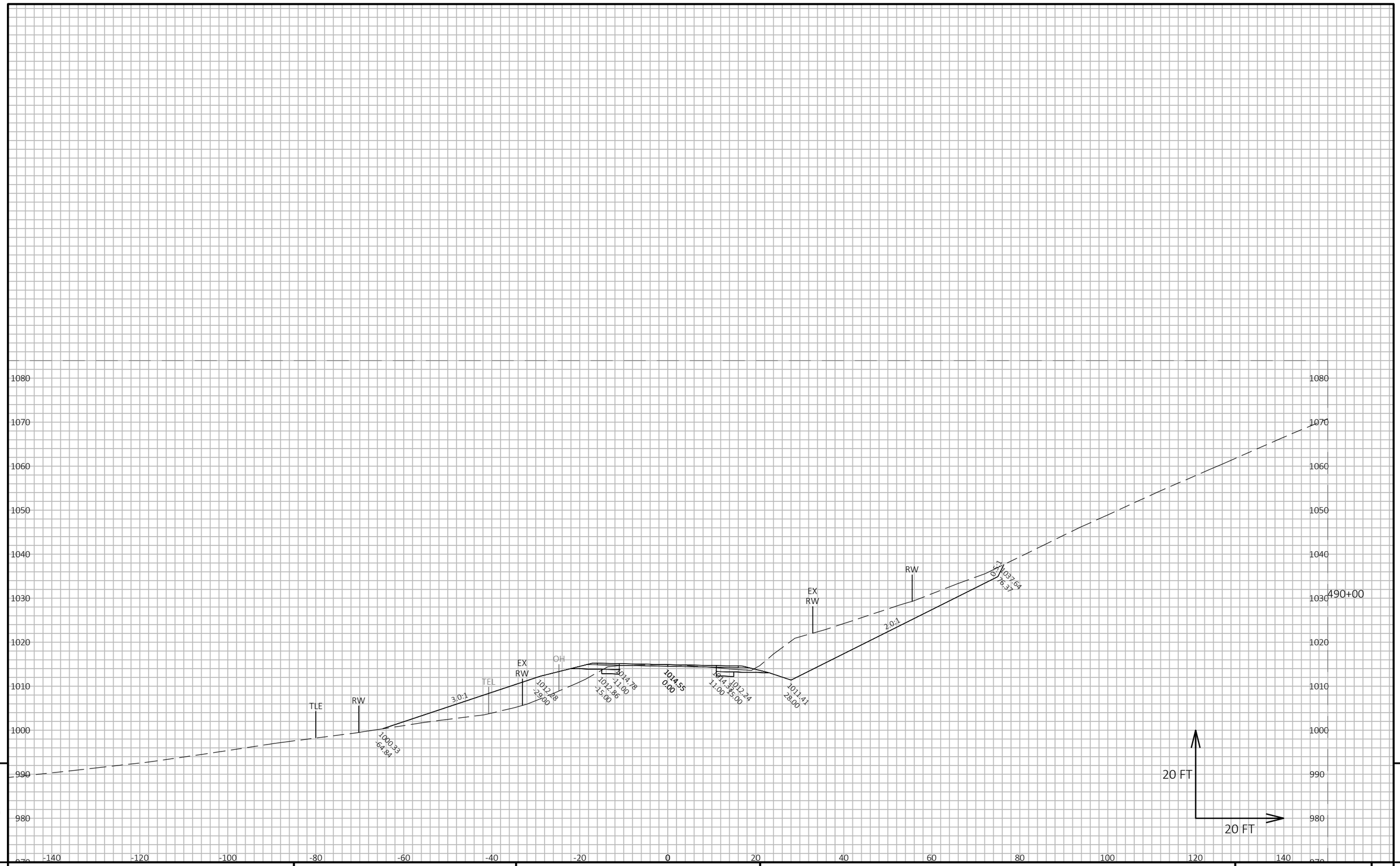
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 690	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_225

PLOT DATE : 7/21/2022 4:38 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 691	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_226

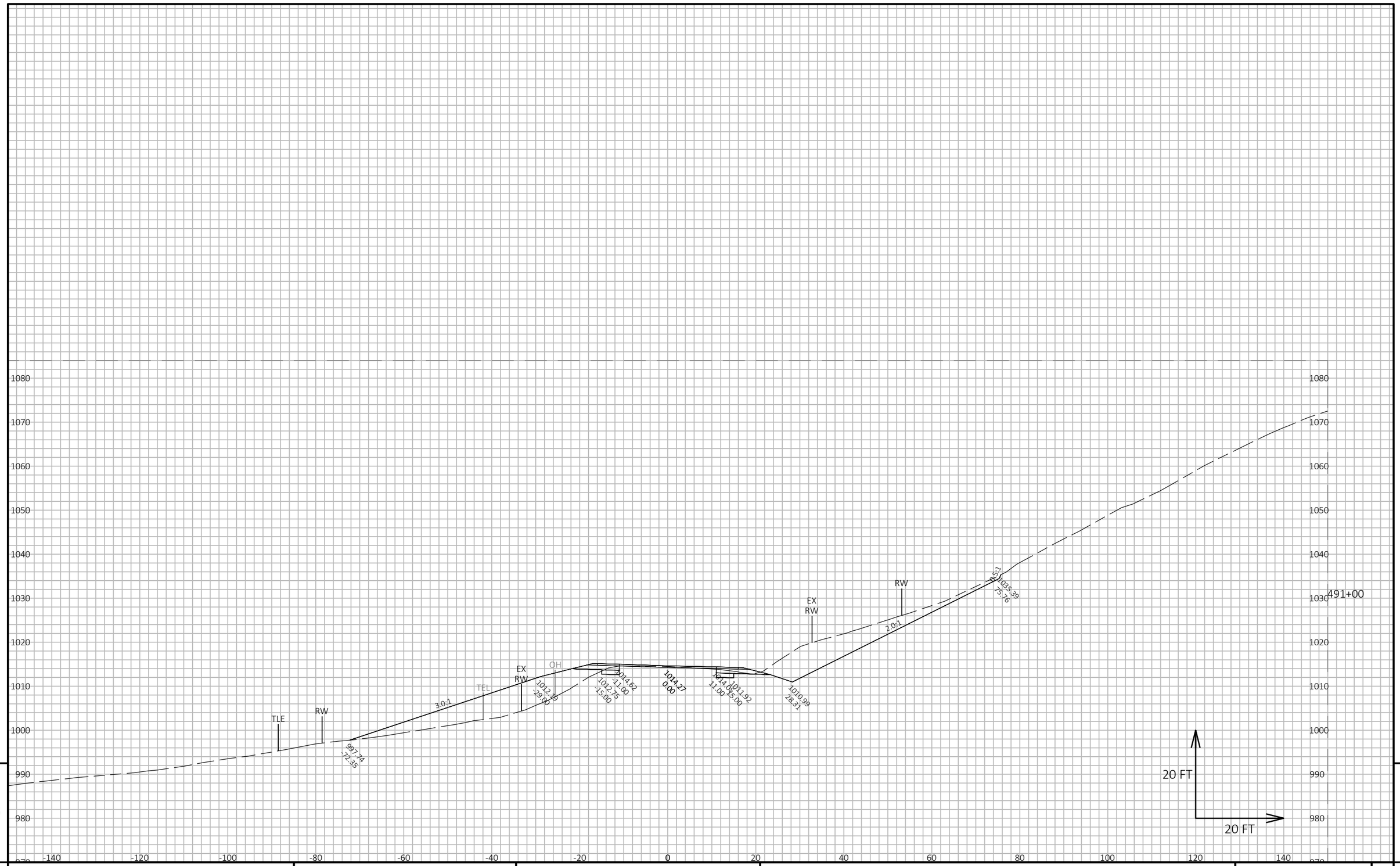
PLOT DATE : 7/21/2022 4:39 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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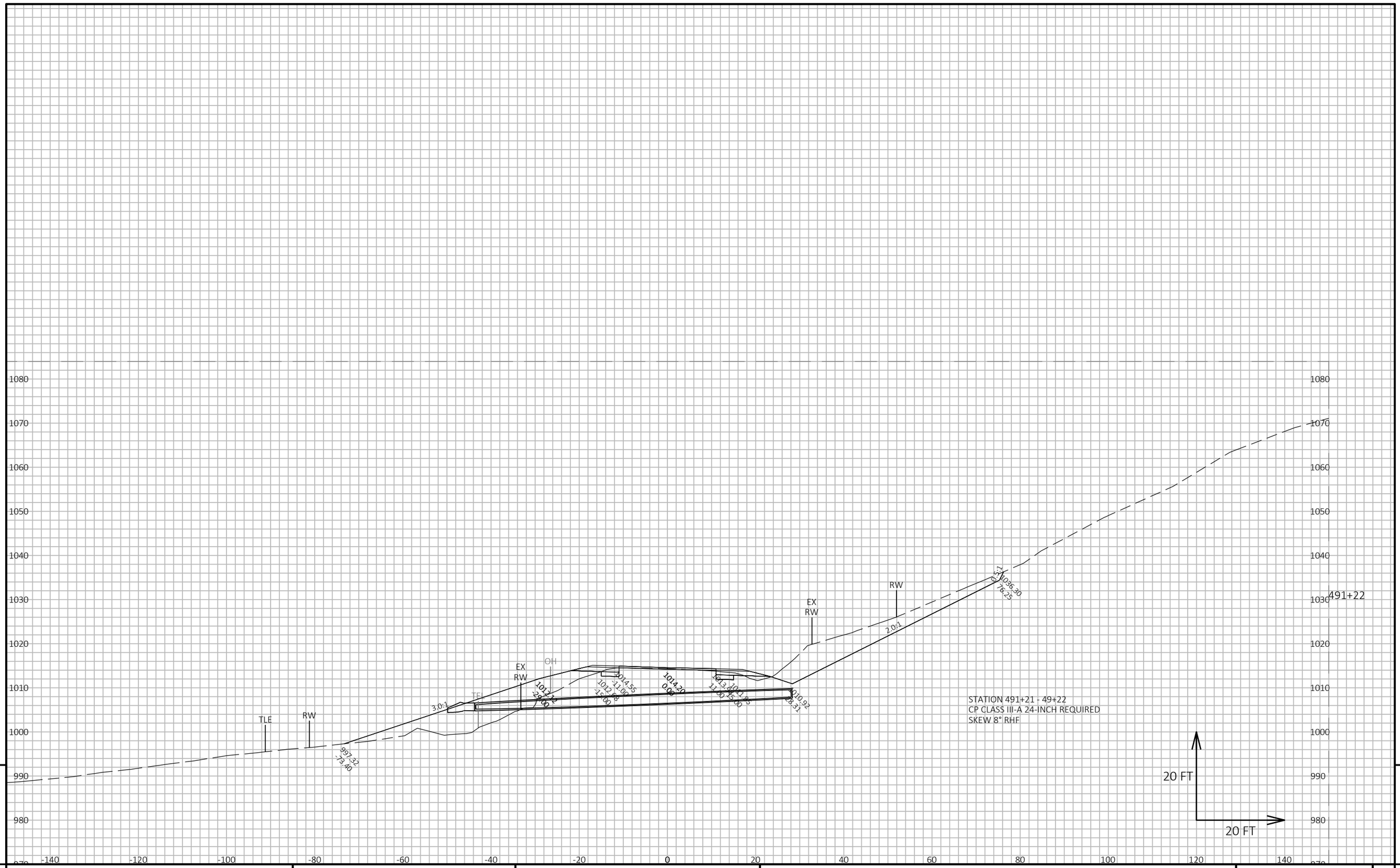
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 692	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_227

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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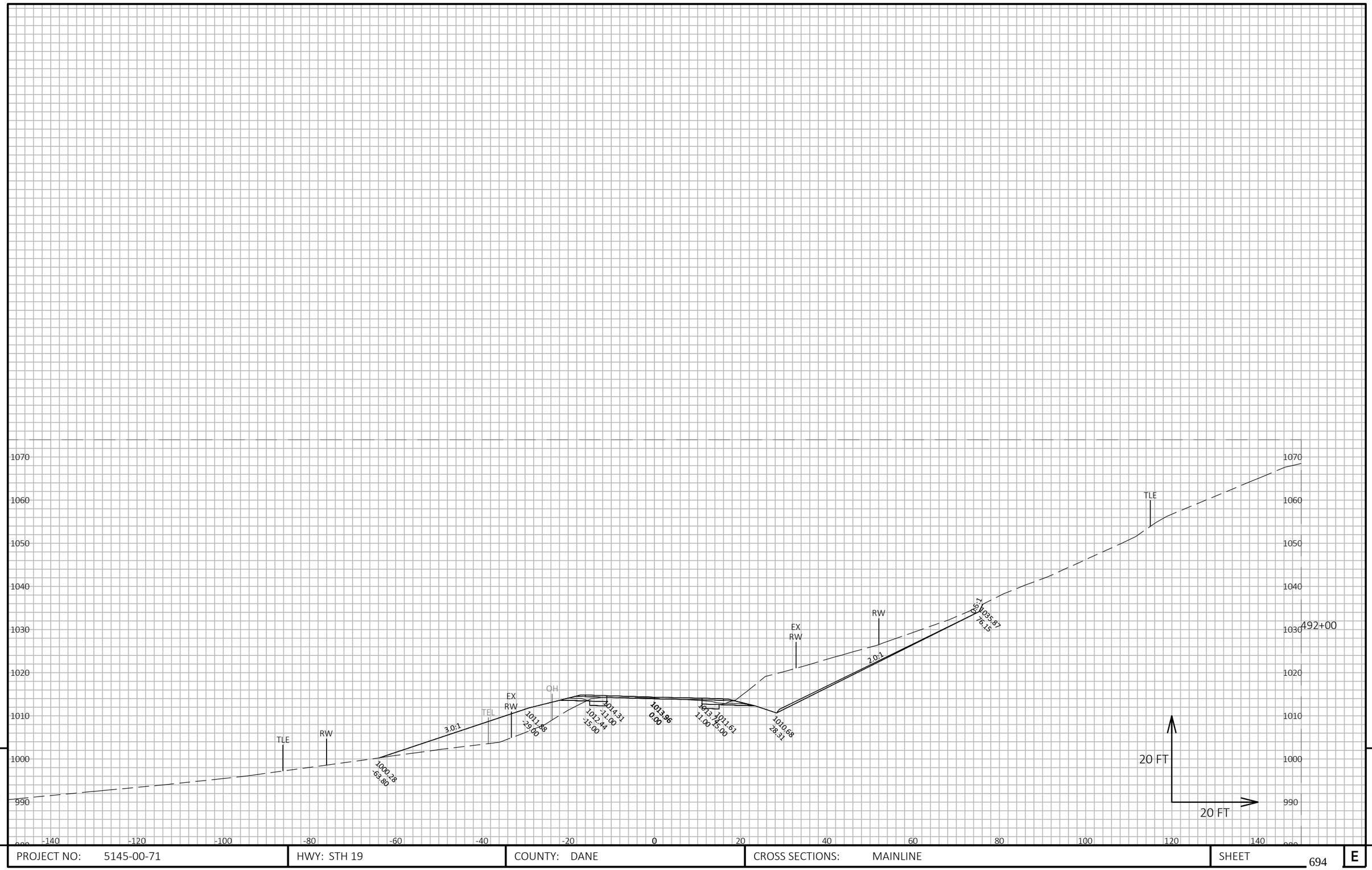
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 693	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_228

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 694	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_229

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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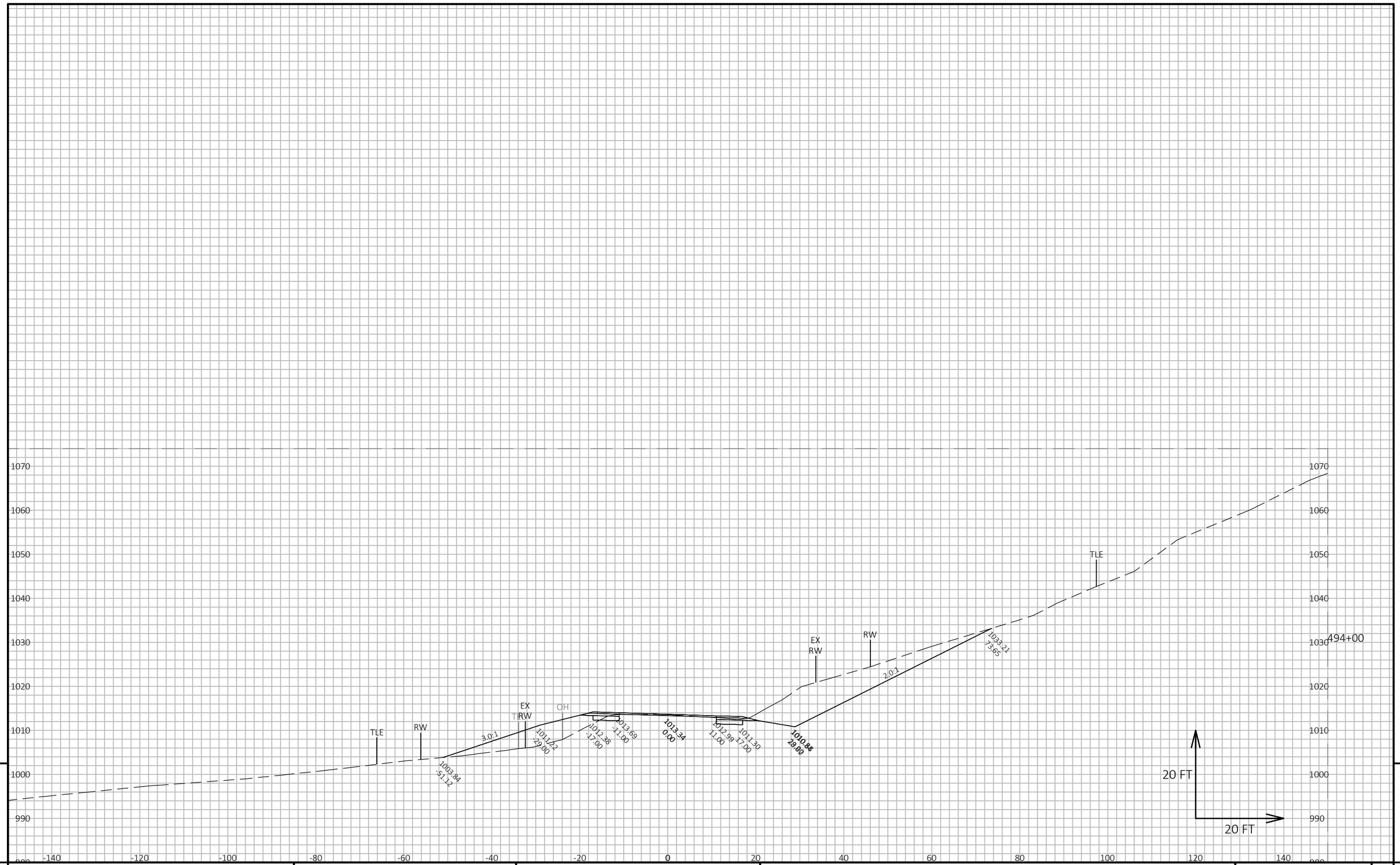
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 695	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_230

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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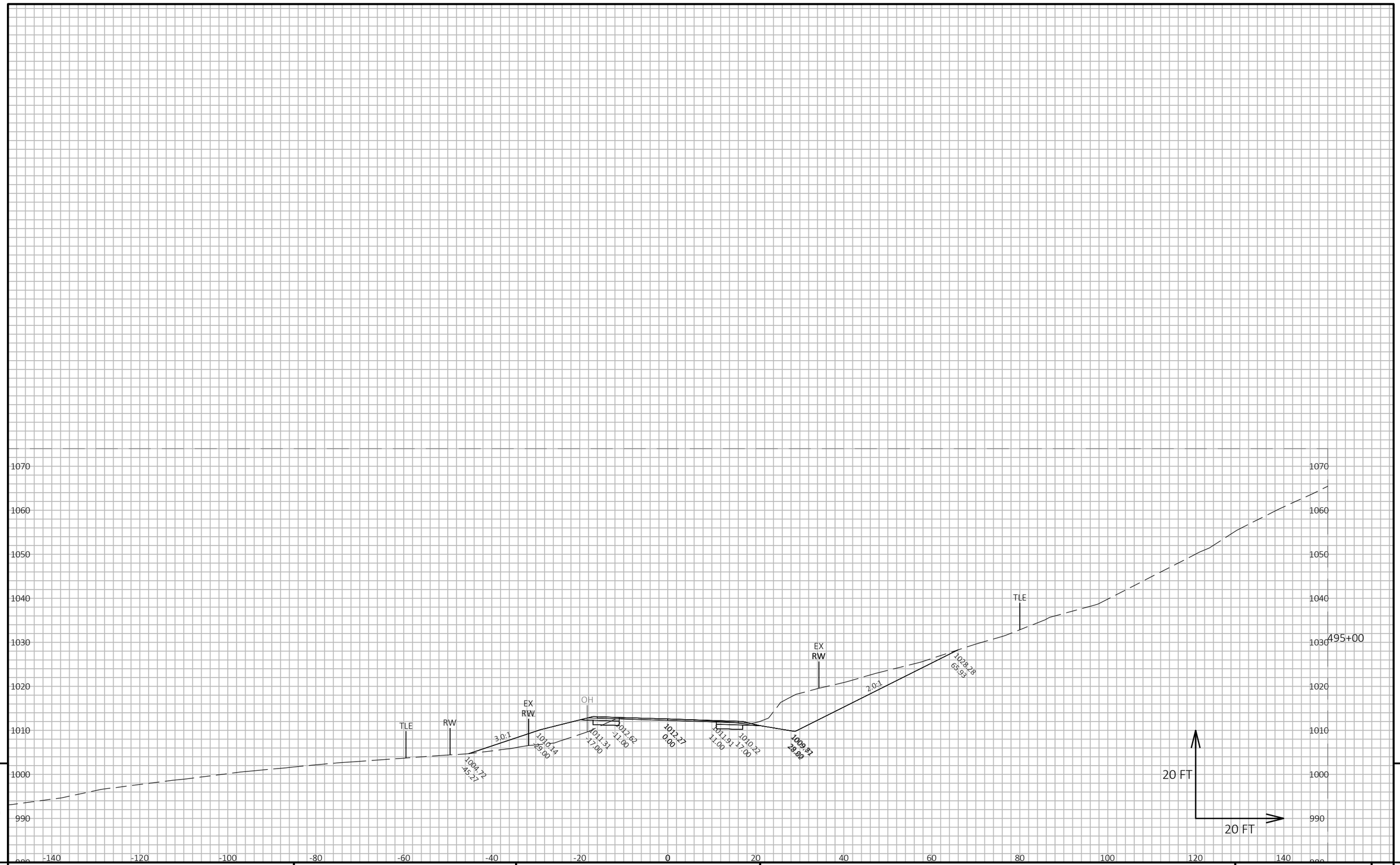
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 696	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_231

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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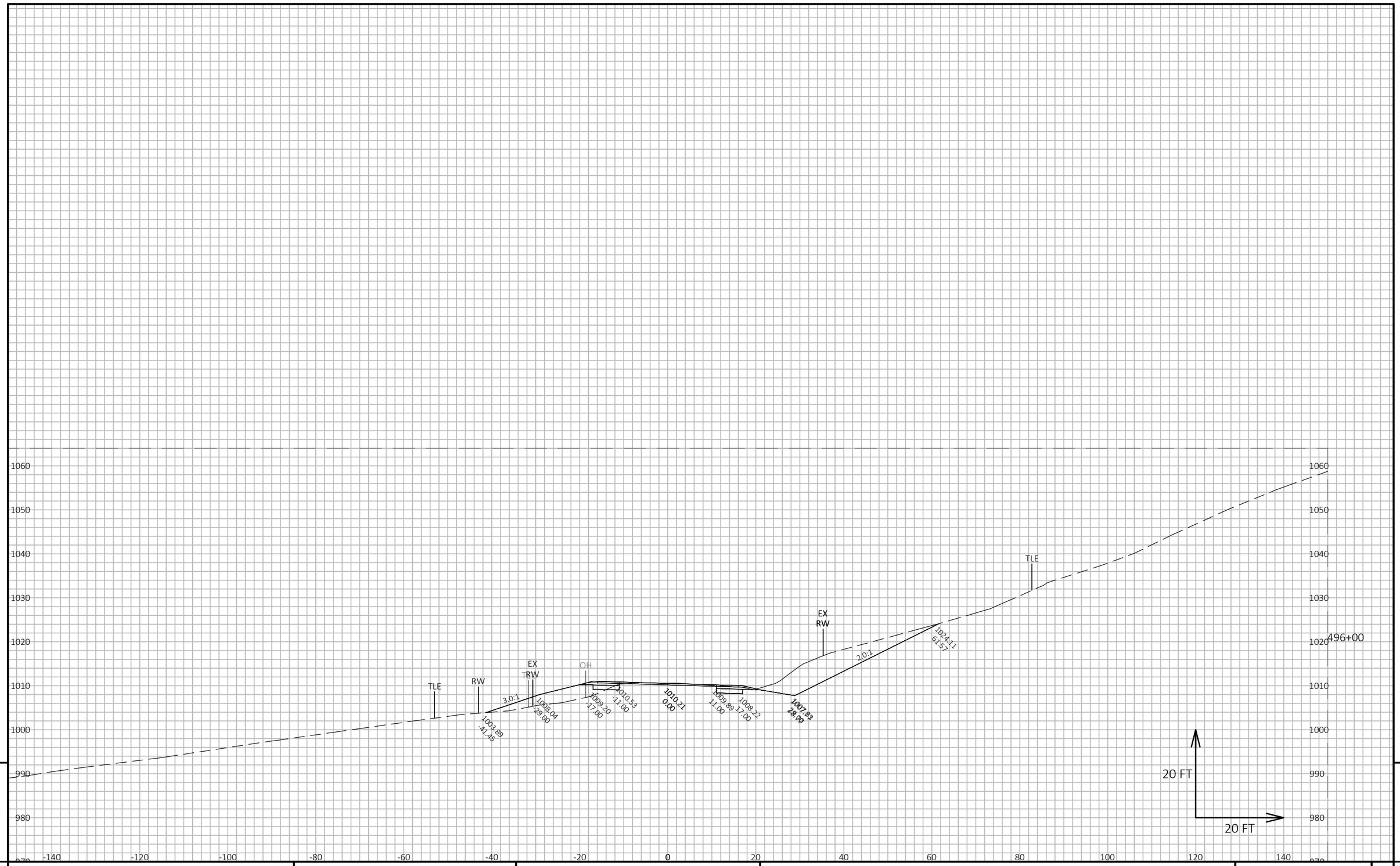
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 697	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_232

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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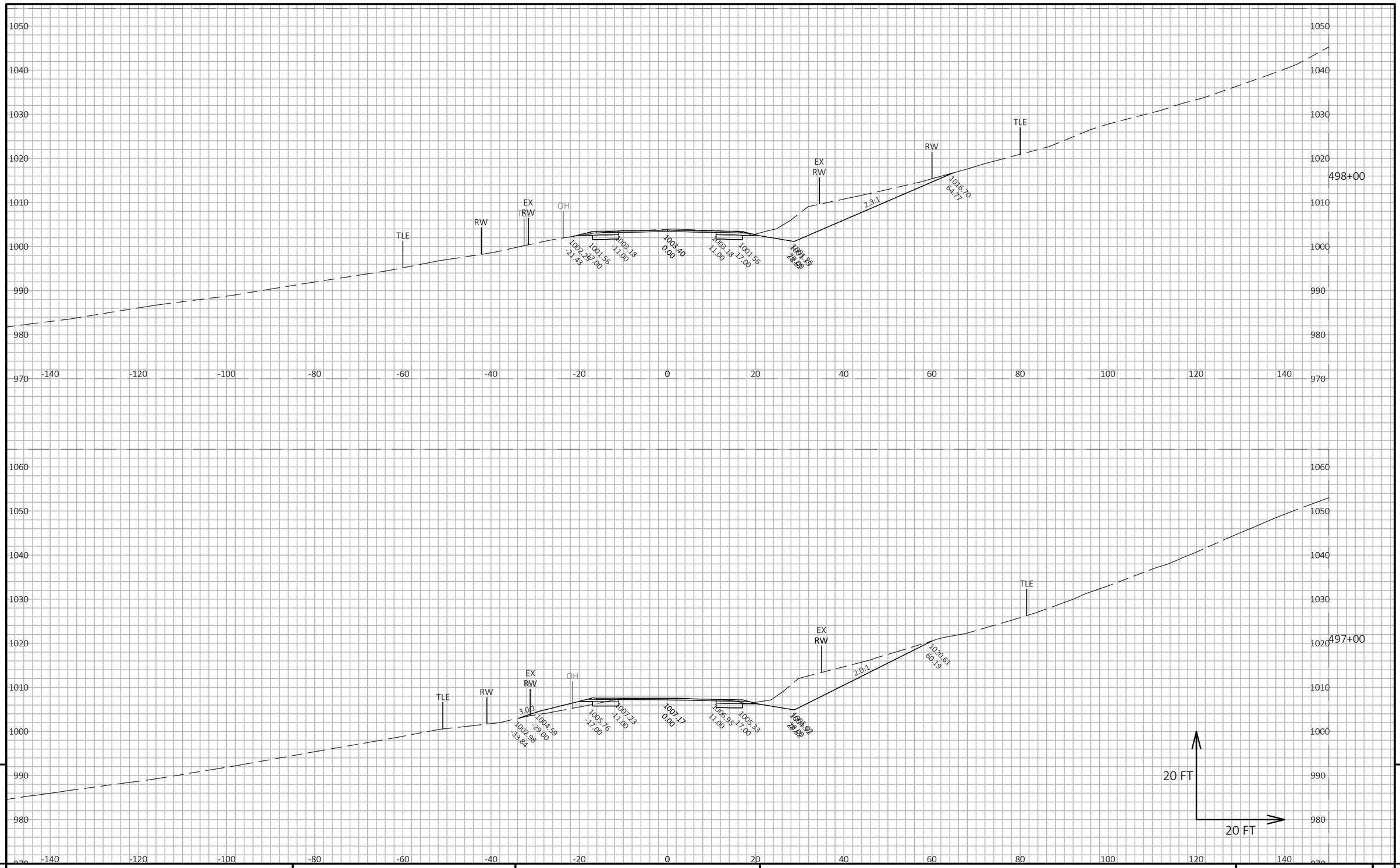
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 698	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_233

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 699	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_234

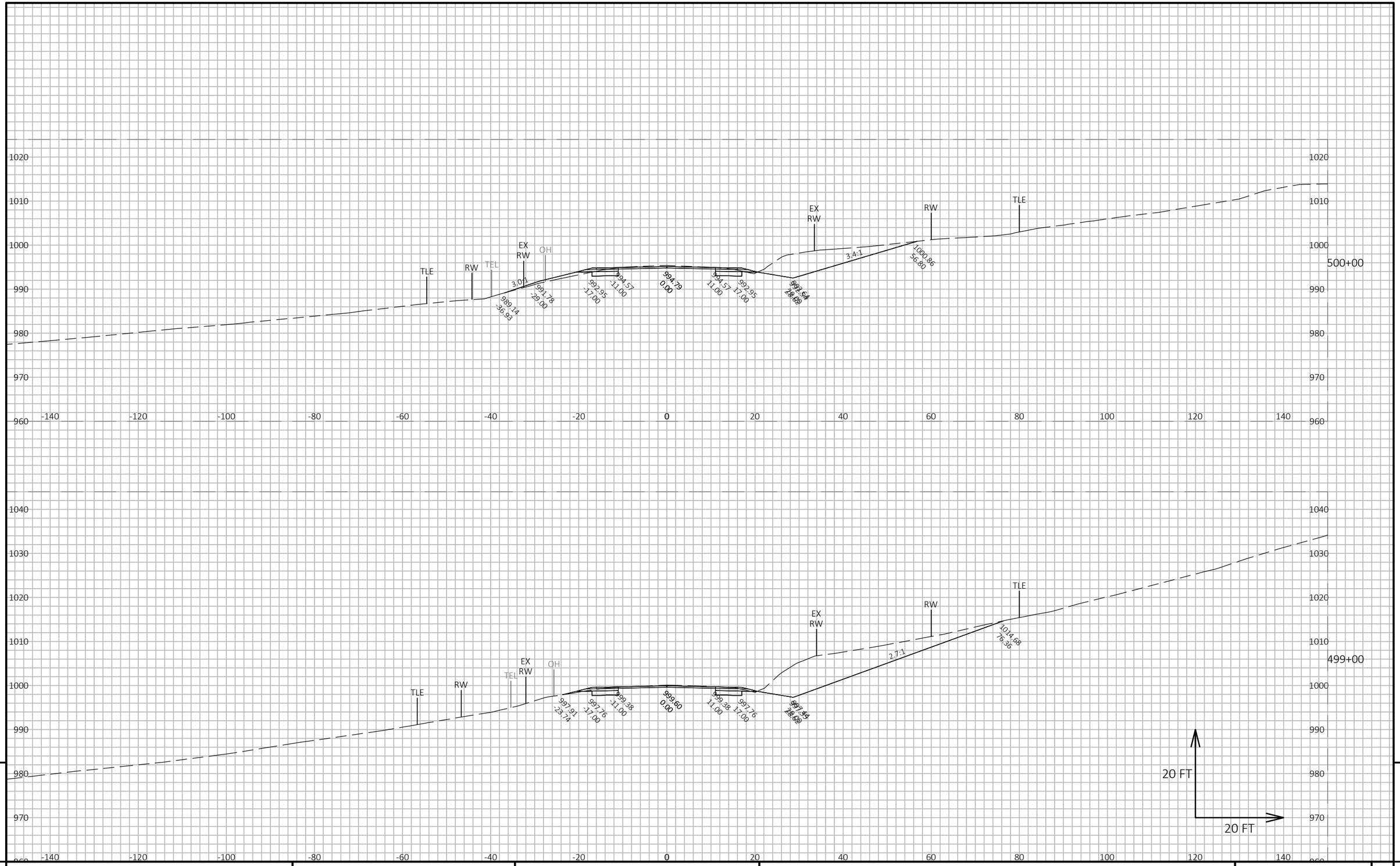
PLOT DATE : 7/21/2022 4:39 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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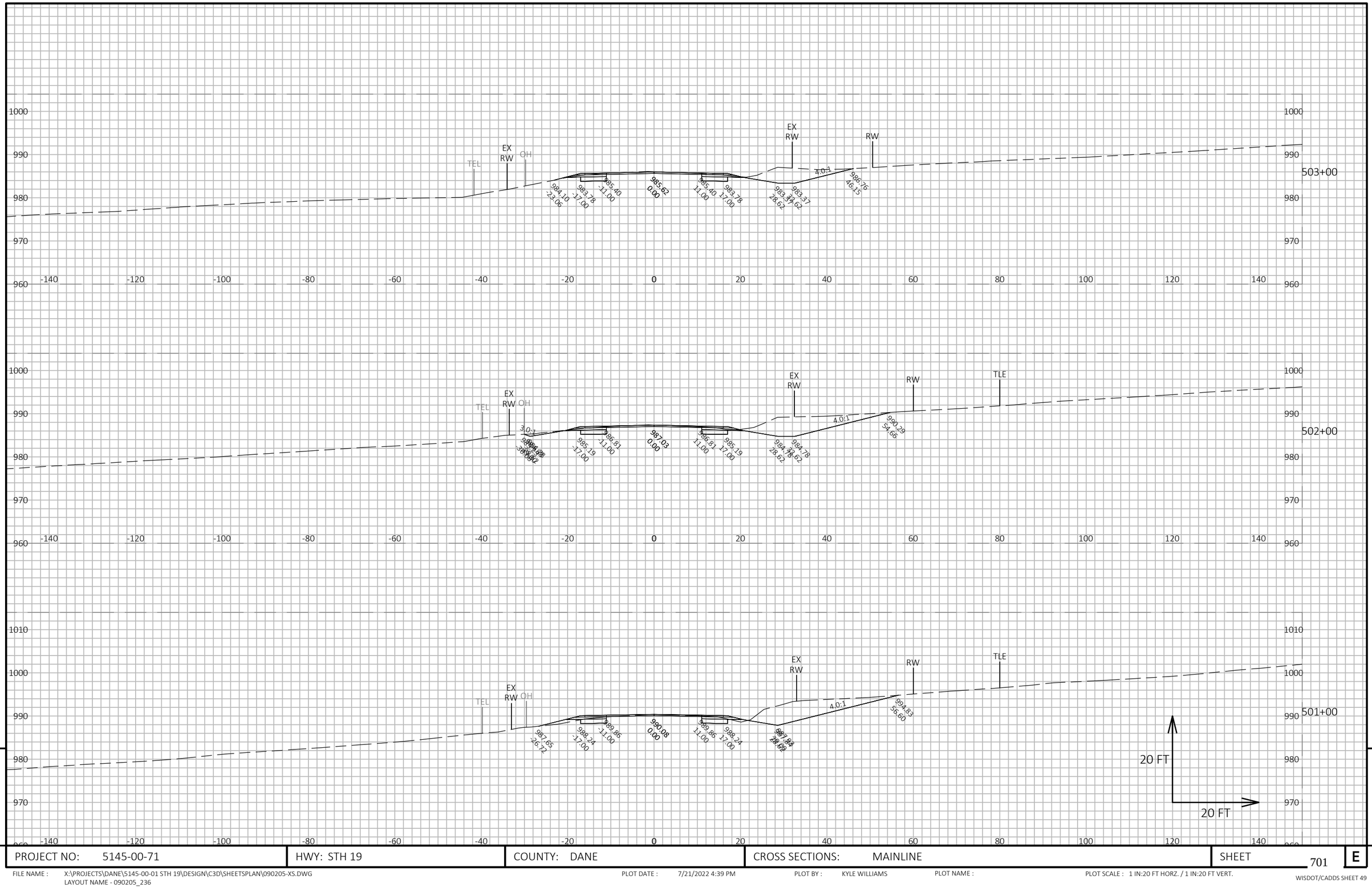
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 700	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_235

PLOT DATE : 7/21/2022 4:39 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 701	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_236

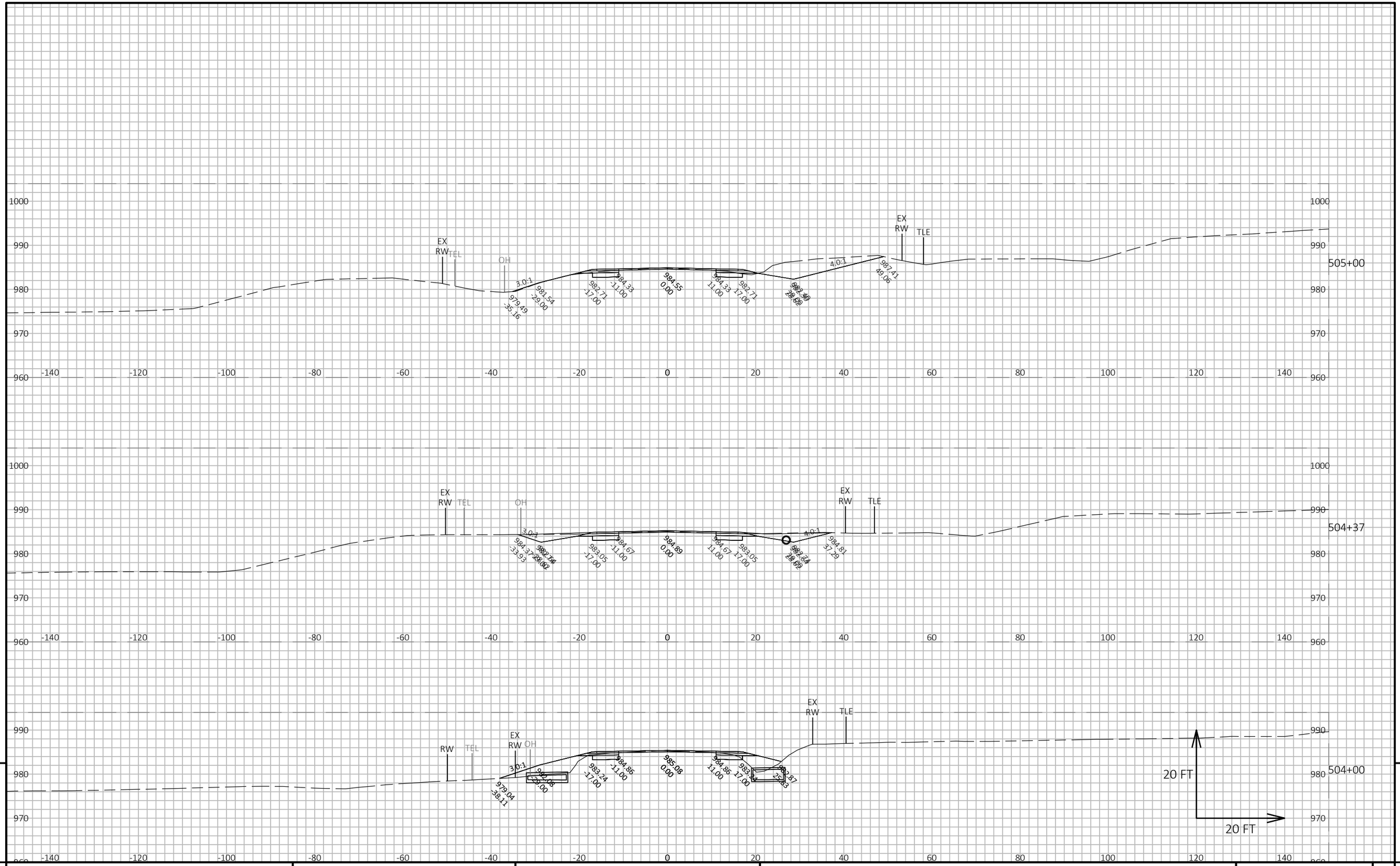
PLOT DATE : 7/21/2022 4:39 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 702	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_237

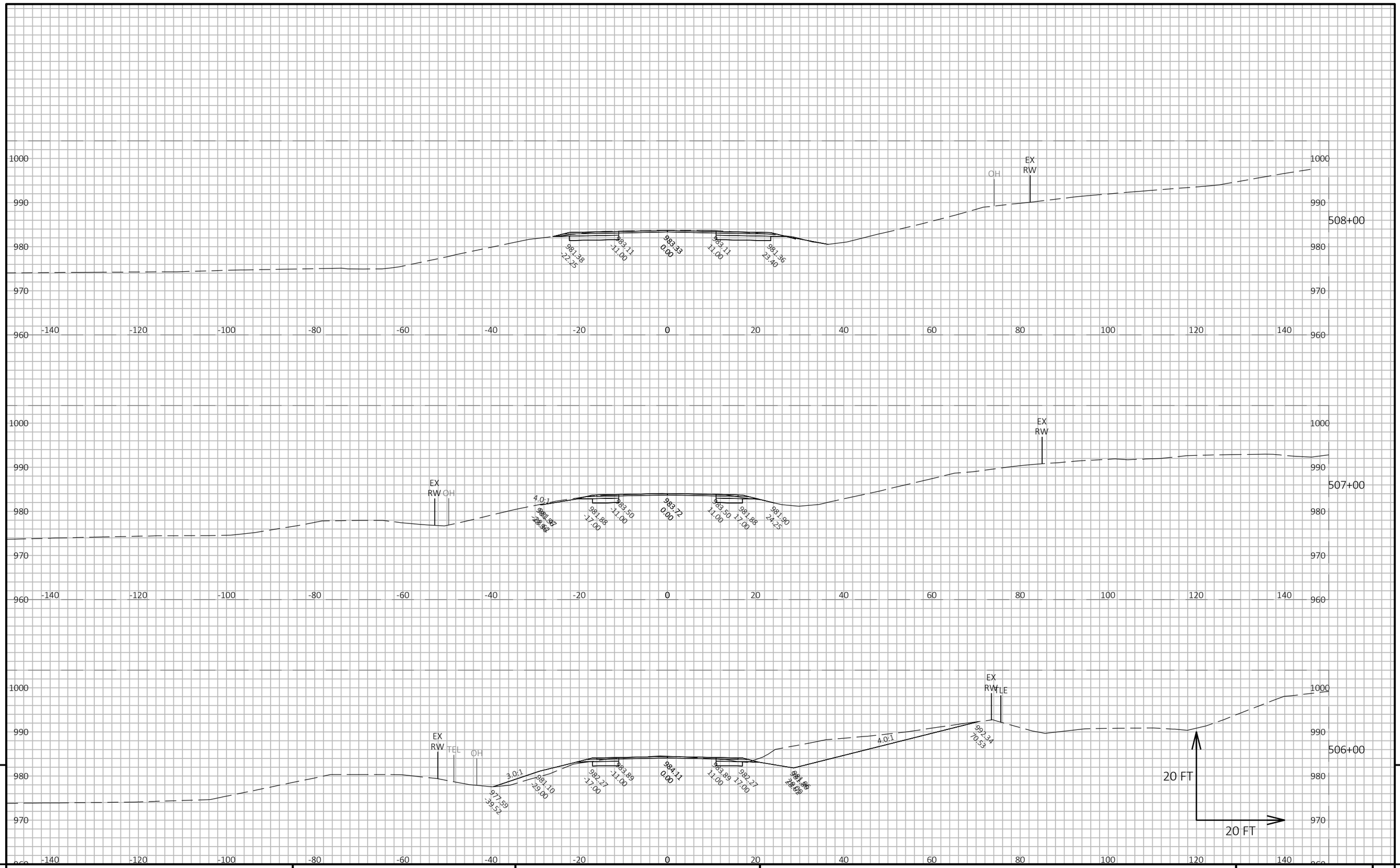
PLOT DATE : 7/21/2022 4:40 PM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 703	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_238

PLOT DATE : 7/21/2022 4:40 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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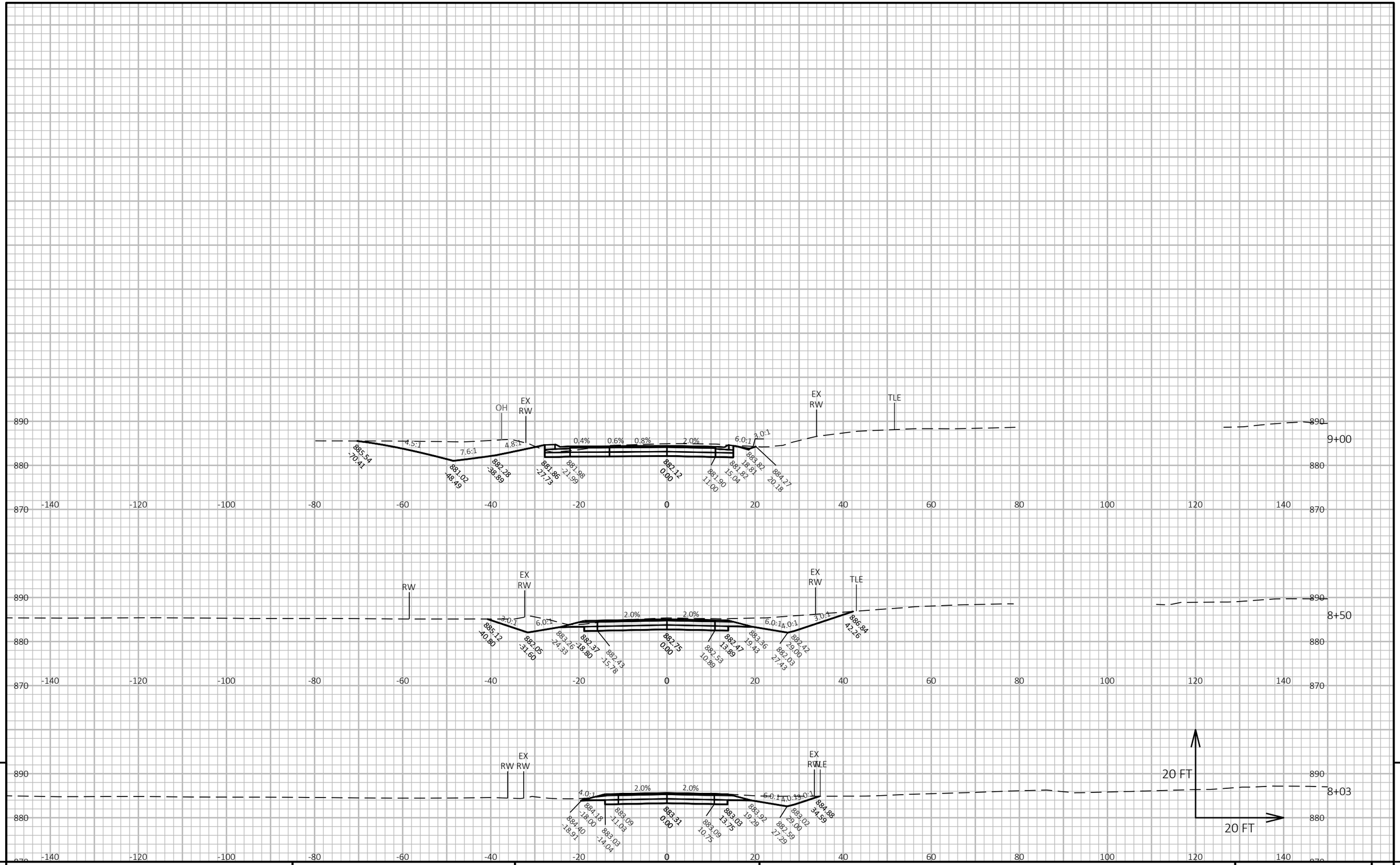
9

PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: MAINLINE	SHEET 704	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090205-XS.DWG
LAYOUT NAME - 090205_239

PLOT DATE : 7/21/2022 4:40 PM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

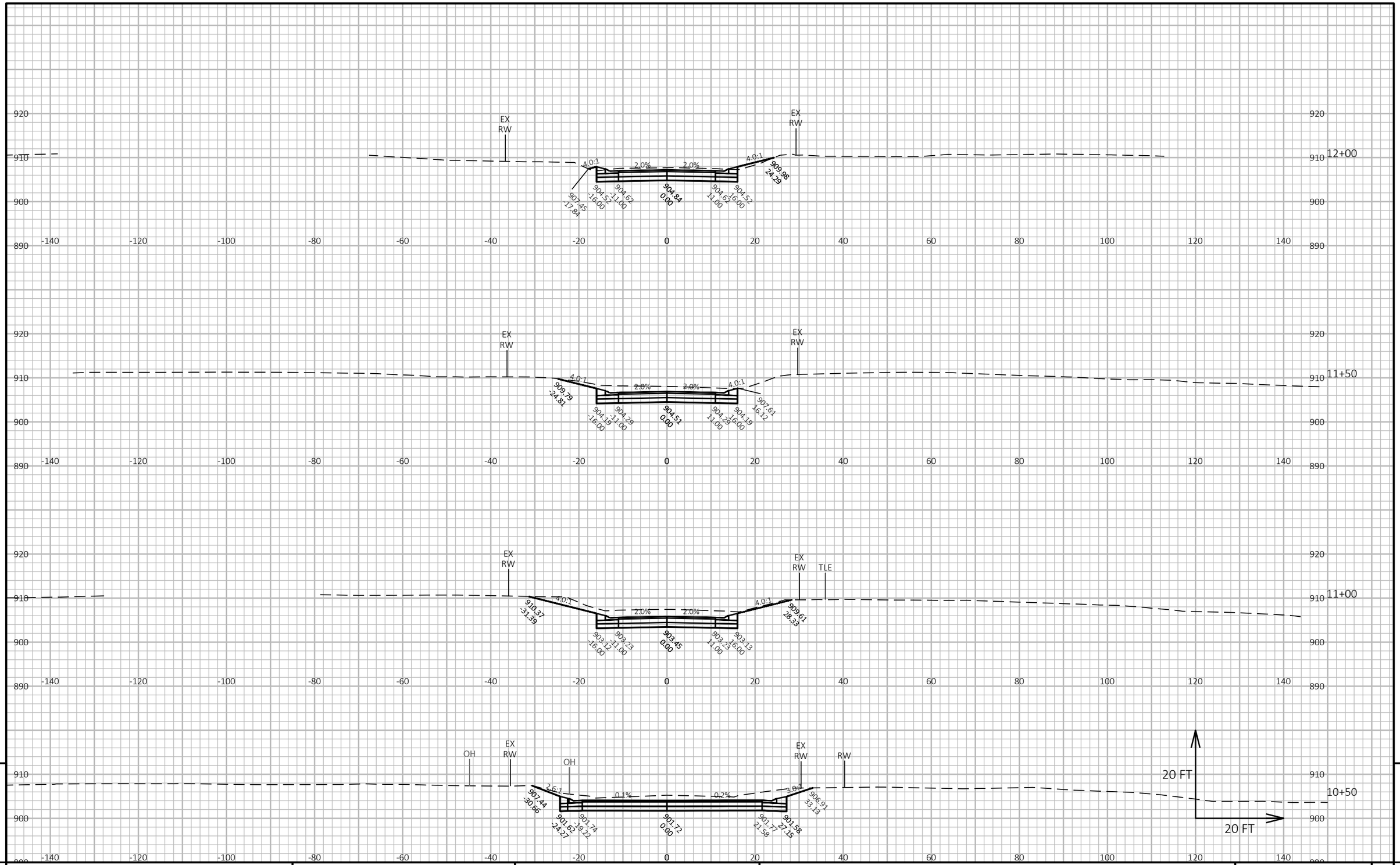


PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: CTH KP SOUTH	SHEET 705	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090207-XS.DWG
LAYOUT NAME - 090201_xs

PLOT DATE : 7/22/2022 8:07 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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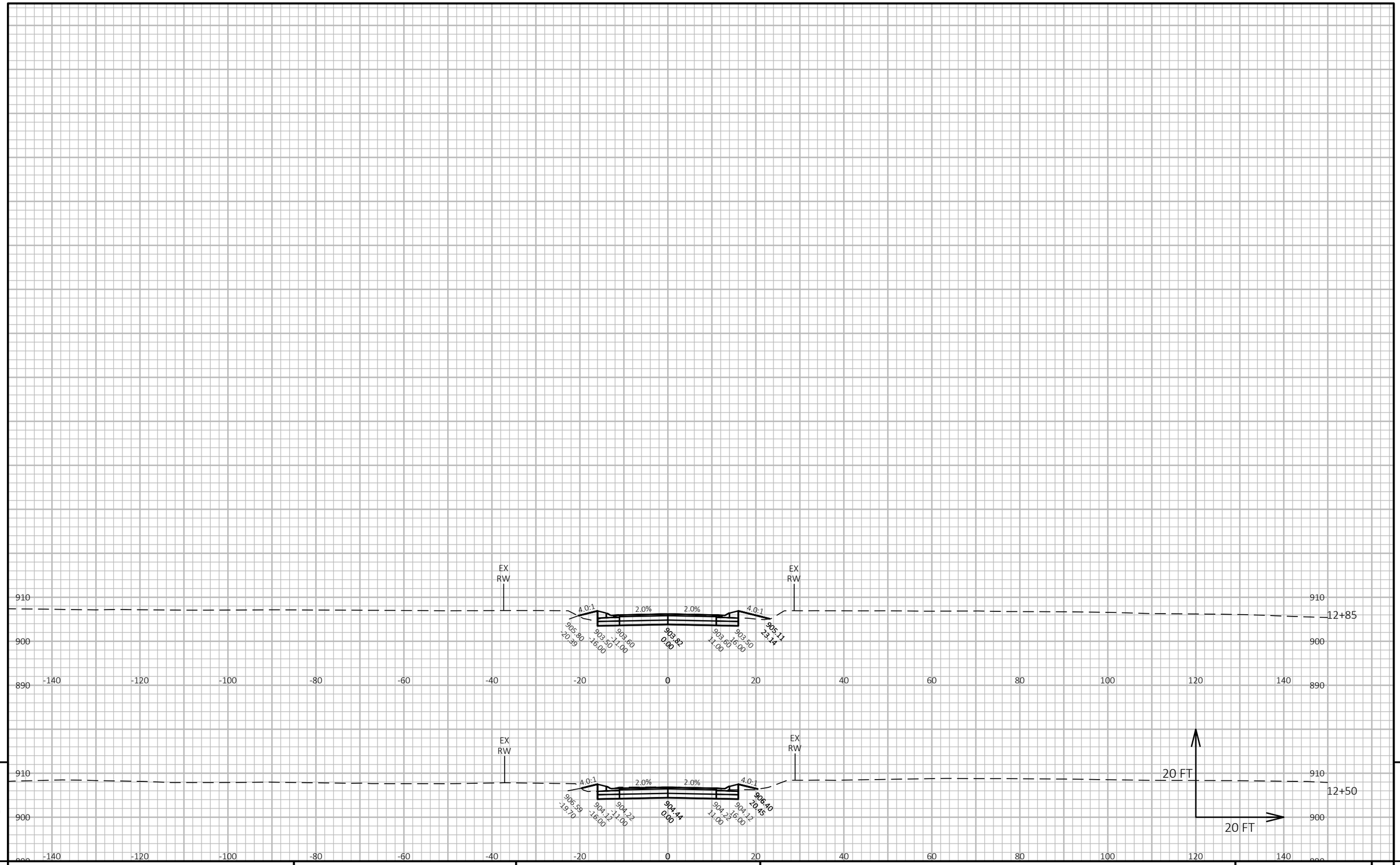
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: CTH KP NORTH	SHEET 706	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090207-XS.DWG
LAYOUT NAME - 090202_xs

PLOT DATE : 7/22/2022 8:07 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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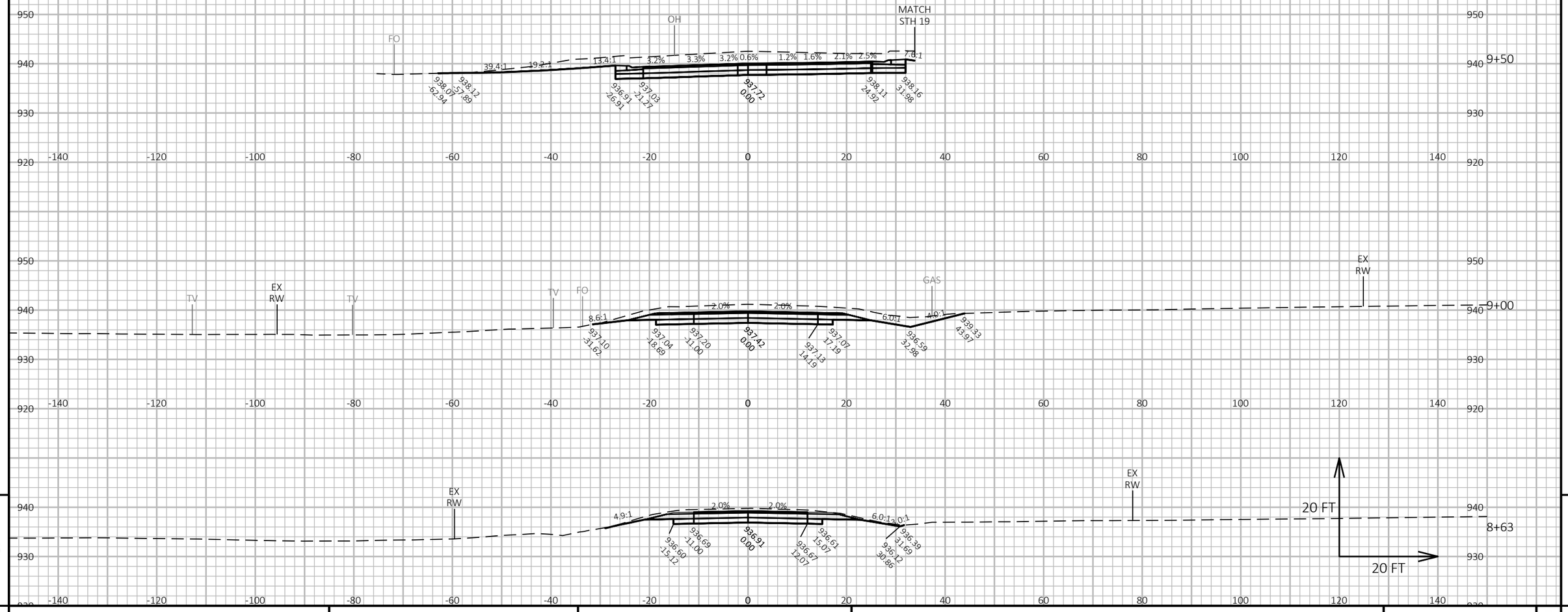
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: CTH KP NORTH	SHEET 707	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090207-XS.DWG
LAYOUT NAME - 090203_xs

PLOT DATE : 7/22/2022 8:08 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.



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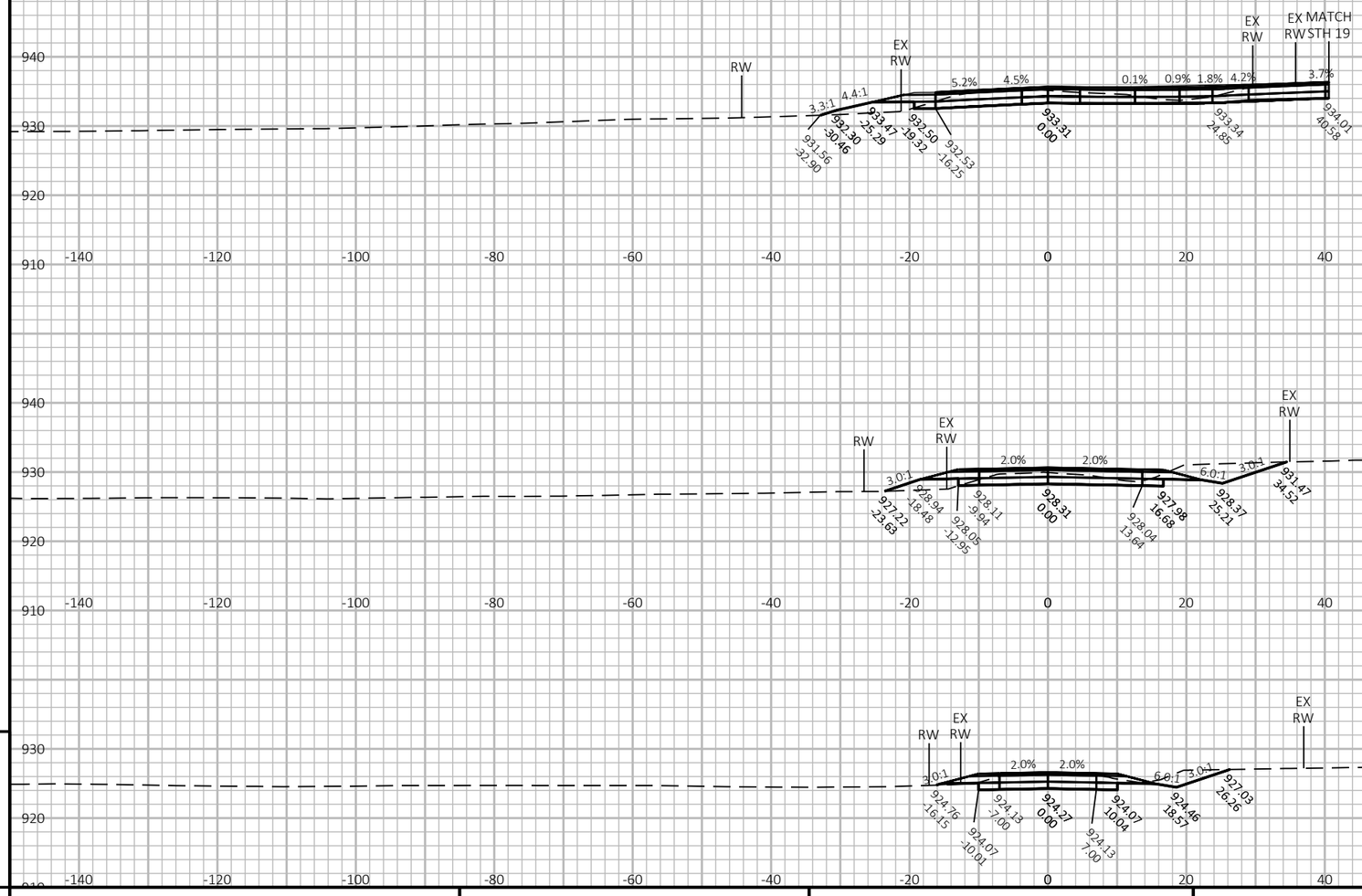
9

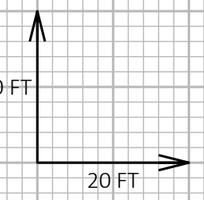
PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: CTH K	SHEET 708	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090207-XS.DWG
LAYOUT NAME - 090204_xs

PLOT DATE : 7/22/2022 8:08 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49





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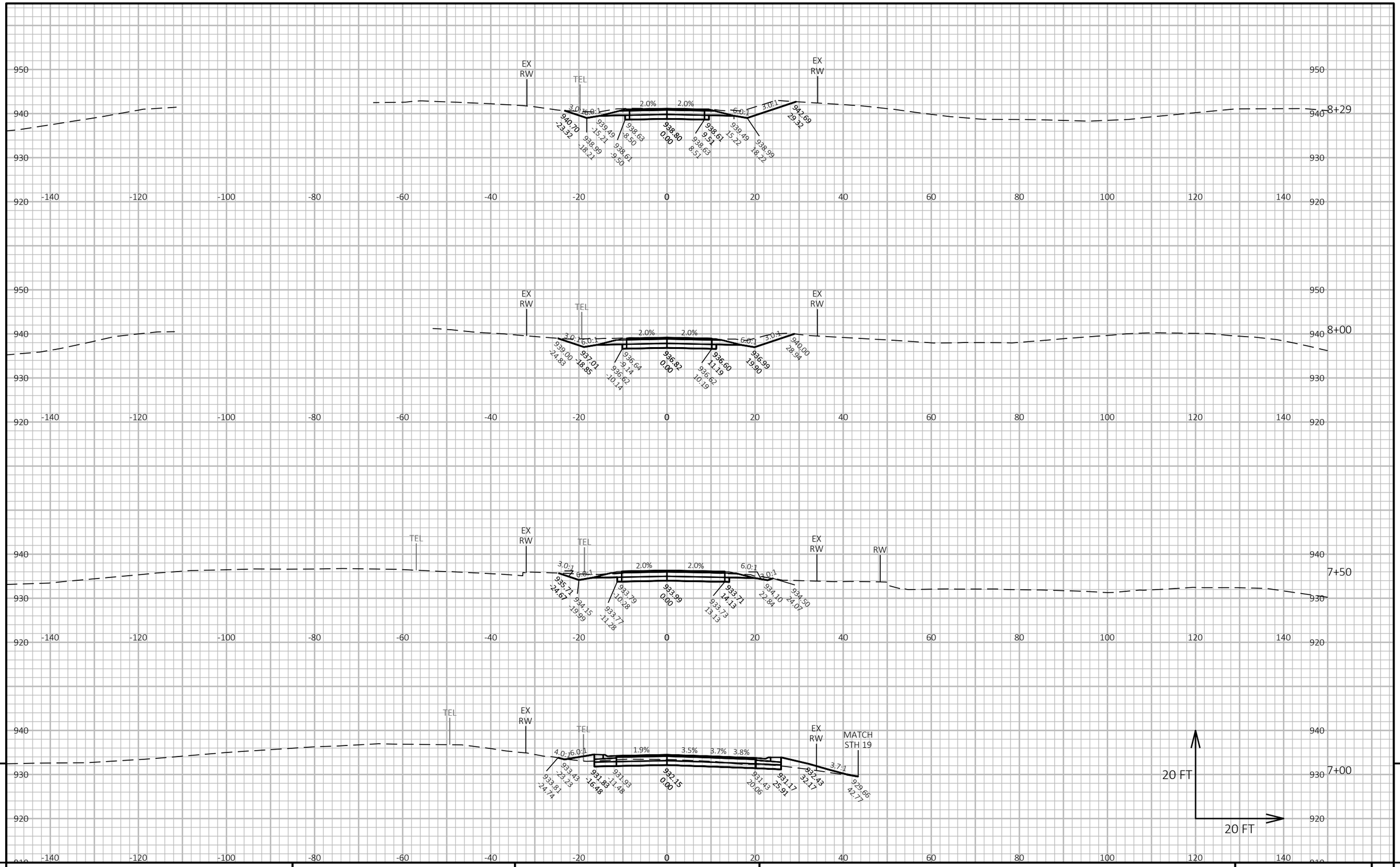
LAYOUT NAME - 090205_xs

PLOT DATE : 7/22/2022 8:09 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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LAYOUT NAME - 090206_xs

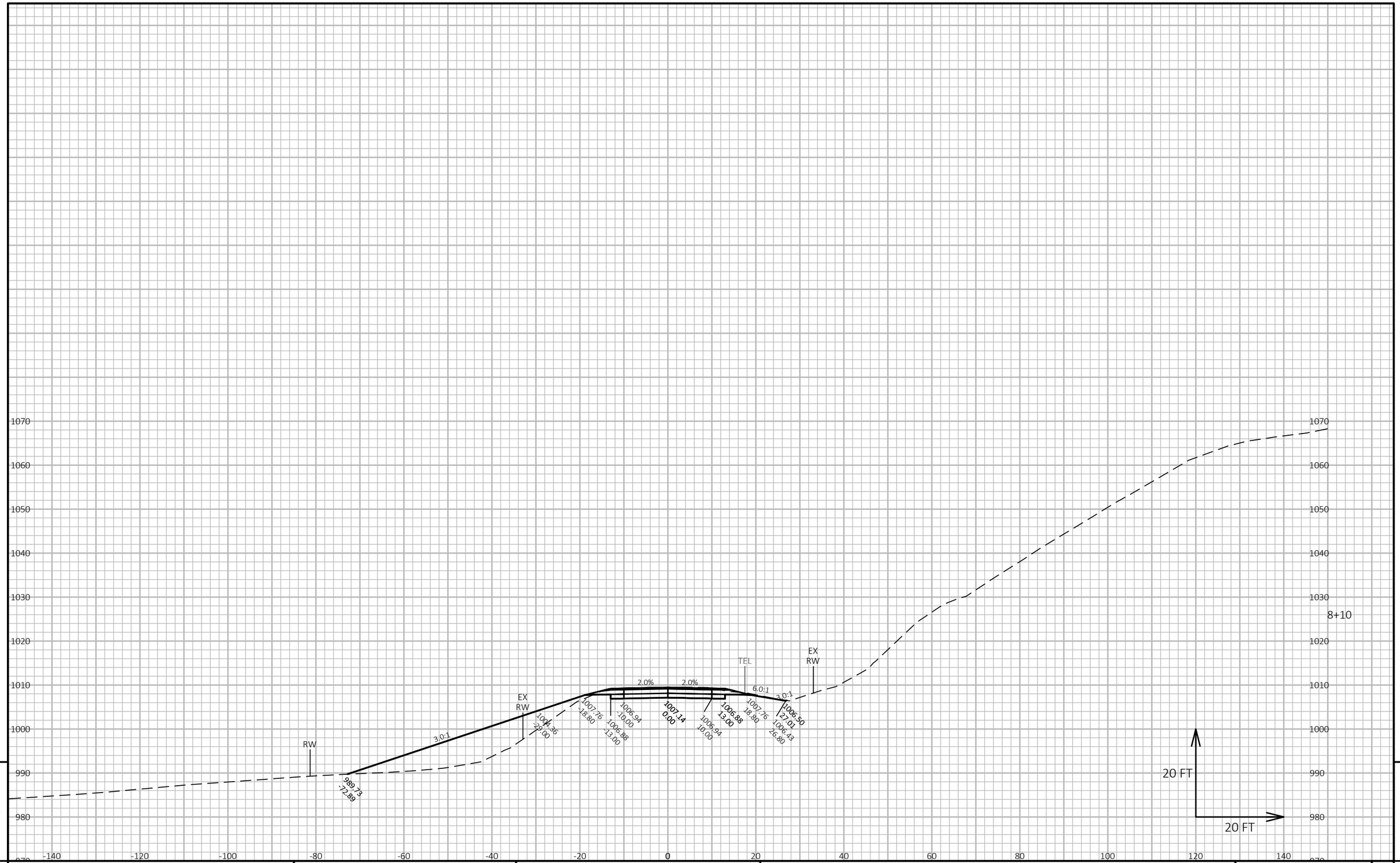
PLOT DATE : 7/22/2022 8:09 AM

PLOT BY : KYLE WILLIAMS

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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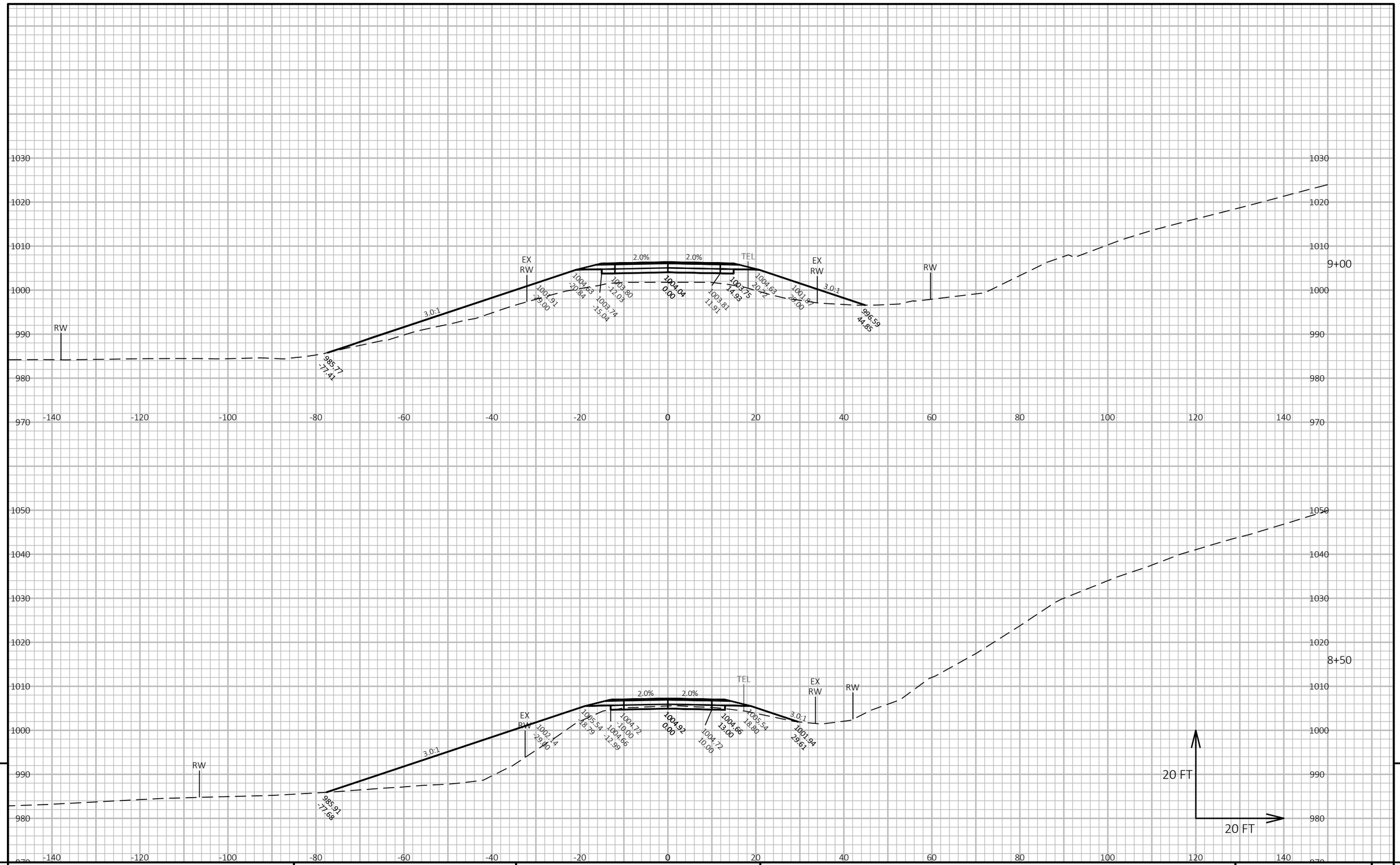
LAYOUT NAME - 090207_xs

PLOT DATE : 7/22/2022 8:10 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49



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LAYOUT NAME - 090208_xs

PLOT DATE : 7/22/2022 8:10 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 5145-00-71	HWY: STH 19	COUNTY: DANE	CROSS SECTIONS: WHIPPORWHILL ROAD	SHEET 713	E

FILE NAME : X:\PROJECTS\DANE\5145-00-01 STH 19\DESIGN\C3D\SHEETSPLAN\090207-XS.DWG
LAYOUT NAME - 090209_xs

PLOT DATE : 7/22/2022 8:11 AM PLOT BY : KYLE WILLIAMS PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:20 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

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