

GRE WITH: N/A

PROJECT ID:

9258-05-73

COUNTY:

MARINETTE

MARCH 2026

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 =370



DESIGN DESIGNATION	9258-05-72	
SEGMENT	BEGIN TO SHAFFER RD	SHAFFER RD TO END
A.A.D.T.	2026 = 2,600	1,100
A.A.D.T.	2046 = 2,800	1,200
D.H.V.	= 140	60
D.D.	= 0.5	0.5
T.	= 40.7%	30.6%
DESIGN SPEED	= 60 MPH	60 MPH
ESALS	= 2,000,000	440,000

CONVENTIONAL SYMBOLS

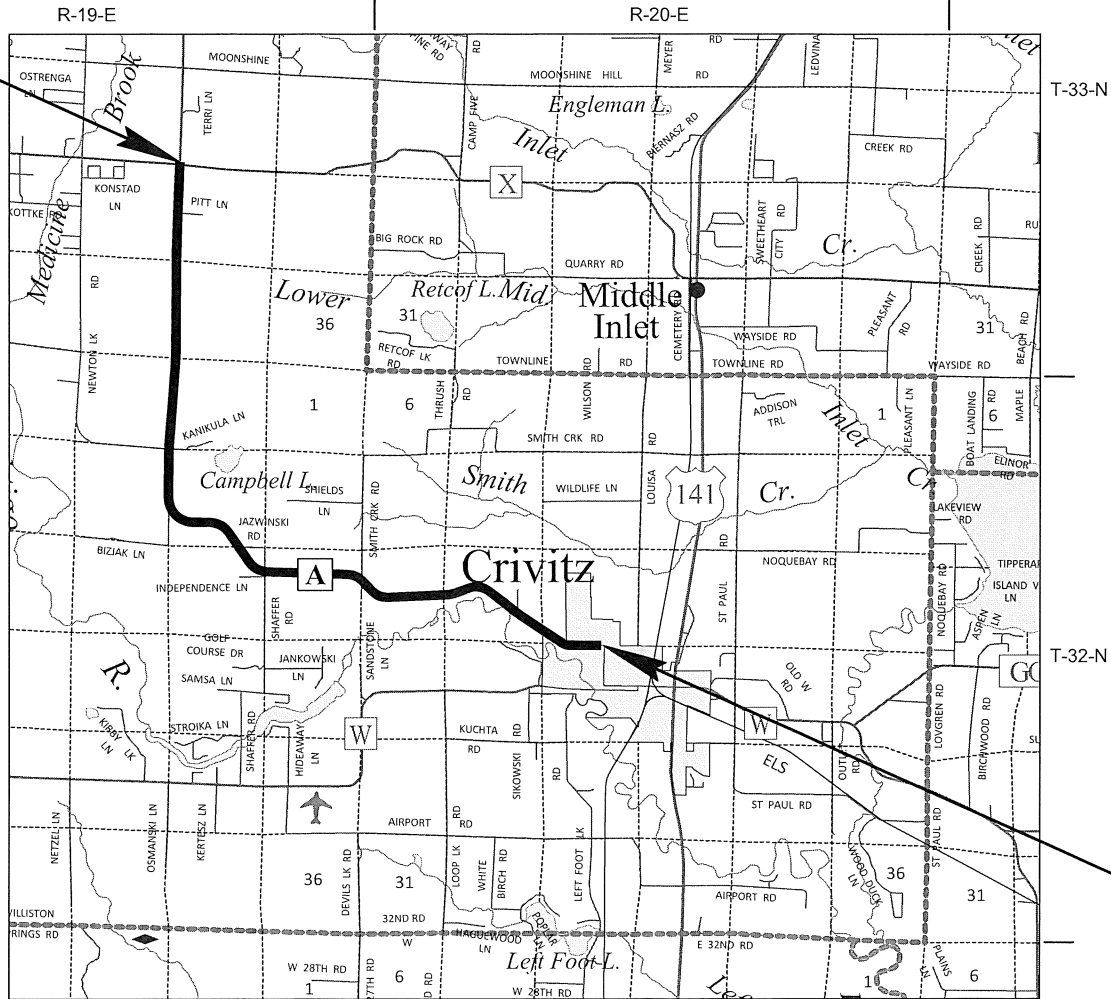
PLAN

CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE

GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

END PROJECT
STA 465+72.5'A'



LAYOUT
SCALE 0 2 MI

TOTAL NET LENGTH OF CENTERLINE = 8.631 MI

BEGIN PROJECT
STA 10+00 'A'
Y= 199,751.0913
X=705,404.8670

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.
ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
9258-05-73	WISC 2026231	1

ACCEPTED FOR

MARINETTE COUNTY

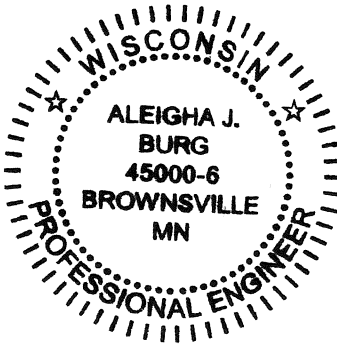
Date 10/15/25
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY



Short Elliott Hendrickson Inc.
329 Jay Street, Suite 301
La Crosse, WI 54601-4007
608.782.3161 main | 888.908.8166 fax
www.sehinc.com

Building a Better World
for All of Us™



10/14/2025
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY	
Surveyor	SEH
Designer	SEH
Project Manager	ERIK BRATTLUND
Regional Examiner	REGIONAL EXAMINER
Regional Supervisor	KIMBERLY SLEZAK

APPROVED FOR THE DEPARTMENT
DATE: 10/21/2025
(Signature)

E

STANDARD ABBREVIATIONS

ABUT	ABUTMENT	HYD	HYDRANT
AC	ACRE	ID	INSIDE DIAMETER
AGG	AGGREGATE	INV	INVERT
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE	IP	IRON PIPE ON PIN
AECPCS	APRON ENDWALL FOR CULVERT PIPE CORRUGATED STEEL	LHF	LEFT-HAND FORWARD
ASPH	ASPHALTIC	L	LENGTH OF CURVE
AVG	AVERAGE	LF	LINEAR FOOT
ADT	AVERAGE DAILY TRAFFIC	LC	LONG CHORD OF CURVE
BF	BACK FACE	LS	LUMP SUM
BM	BENCH MARK	MH	MANHOLE
BR	BRIDGE	MOR	MID POINT OF RADIUS
CE	COMMERCIAL ENTRANCE	NC	NORMAL CROWN
C/L	CENTER LINE	NO	NUMBER
Δ	CENTRAL ANGLE OR DELTA	OBLIT	OBLITERATE
COB	CENTER OF BARRIER	PAVT	PAVEMENT
CONC	CONCRETE	PE	PRIVATE ENTRANCE
CPRC	CULVERT PIPE REINFORCED CONCRETE	PVRC	POINT OF VERTICAL REVERSE CURVE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL	QOR	QUARTER POINT OF RADIUS
CR	CREEK	R	RADIUS
CY	CUBIC YARD	REQ'D	REQUIRED
C&G	CURB AND GUTTER	RES	RESIDENCE OR RESIDENTIAL
D	DEGREE OF CURVE	RHF	RIGHT-HAND FORWARD
DHV	DESIGN HOUR VOLUME	R/W	RIGHT-OF-WAY
DISCH	DISCHARGE	R	RIVER
DG	DITCH GRADE	RDWY	ROADWAY
DWY	DRIVEWAY	R/L	REFERENCE LINE
X	EAST GRID COORDINATE	SALV	SALVAGED
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL	SAN	SANITARY SEWER
EOR	END POINT OF RADIUS	SF	SQUARE FEET
EL	ELEVATION	SY	SQUARE YARD
ENT	ENTRANCE	SDD	STANDARD DETAIL DRAWINGS
ESALS	EQUIVALENT SINGLE AXLE LOADS	STA	STATION
EXC	EXCAVATION	SS	STORM SEWER
EBS	EXCAVATION BELOW SUBGRADE	SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
EXIST	EXISTING	SE	SUPERELEVATION RATE
FC	FACE OF CURB	TC	TOP OF CURB
FF	FACE TO FACE	T OR TN	TOWN
FERT	FERTILIZE	T	TRUCKS (PERCENT OF)
FE	FIELD ENTRANCE	TYP	TYPICAL
FL	FLOW LINE	VAR	VARIABLE
FO	FIBER OPTIC	VC	VERTICAL CURVE
CWT	HUNDREDWEIGHT	Y	NORTH GRID COORDINATE
		YD	YARD

RUNOFF COEFFICIENT TABLE

LAND USE:	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
	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	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIPTURF:	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPETURF:			.25			.27			.28			.30
			.32			.34			.36			.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 = 100.6 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 69.7 ACRES

WISDOT CONTACT:

WISCONSIN DEPT OF TRANSPORTATION
NORTHEAST REGION
944 VANDERPERREN WAY
GREEN BAY, WI 54304
TELEPHONE: 920.366.8034
ATTENTION: ERIK BRATTLUND
EMAIL: ERIK.BRATTLUND@DOT.WI.GOV

DNR AREA LIAISON:

DNR NORTHEAST REGIONAL HEADQUARTERS
2984 SHAWANO AVE
GREEN BAY, WI 54313
TELEPHONE: 920.412.0165
ATTENTION: JIM DOPERALSKI JR
EMAIL: JAMES.DOPERALSKI@WISCONSIN.GOV

UTILITY CONTACT LIST:

BRIGHTSPEED - COMMUNICATION LINE
144 PEARL ST
BERLIN, WI 54923
ATTENTION: SCOTT HEINZELMAN
TELEPHONE: 980-376-1563
EMAIL: SCOTT.HEINZELMAN@BRIGHTSPEED.COM

SPECTRUM - COMMUNICATION LINE
2580 W MASON ST
GREEN BAY, WI 54303
ATTENTION: DAVE BERGSTROM
TELEPHONE: 920-831-9174
EMAIL: DAVE.BERGSTROM@CHARTER.COM

VILLAGE OF CRIVITZ - SANITARY SEWER
800 HENRIETTE AVE
CRIVITZ, WI 54114
ATTENTION: RUDI JENSEN
TELEPHONE: 715-927-2359
EMAIL: RJENSEN@CRIVITZ.GOV

MARRINETTE CO CONTACT:

MARRINETTE COUNTY HIGHWAY DEPARTMENT
501 PINE STREET
PESHTIGO, WI 54157
TELEPHONE: 715.732.7568
ATTENTION: ERIC BURMEISTER
EMAIL: ERIC.BURMEISTER@MARINETTECOUNTYWI.GOV

DESIGN CONTACT:

SEH INC
329 JAY STREET, SUITE 301
LA CROSSE, WI 54601
TELEPHONE: 608.498.4804
ATTENTION: ALEIGHA BURG
EMAIL: ABURG@SEHINC.COM

VILLAGE OF CRIVITZ - WATER
800 HENRIETTE AVE
CRIVITZ, WI 54114
ATTENTION: RUDI JENSEN
TELEPHONE: 715-927-2359
EMAIL: RJENSEN@CRIVITZ.GOV

WISCONSIN PUBLIC SERVICE CORP - ELECTRICITY
132 MACARTHUR DRIVE
COLEMAN, WI 54112
ATTENTION: PHIL BARANOWSKI
TELEPHONE: 920-680-5344
EMAIL: PHILIP.BARANOWSKI@WISCONSINPUBLICSERVICE.COM

WISCONSIN PUBLIC SERVICE CORP - GAS
134 MACARTHUR DRIVE
COLEMAN, WI 54112
ATTENTION: STEVE BONECK
TELEPHONE: 920-606-3338
EMAIL: STEVE.BONECK@WISCONSINPUBLICSERVICE.COM

GENERAL NOTES:

- NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
- THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- THE CONTRACTOR SHALL NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. ANY LOCAL MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE MUST BE CONTACTED SEPARATELY.
- PRIOR TO ORDERING DRAINAGE PIPES AND STRUCTURES, THE CONTRACTOR SHALL VERIFY RELATED DRAINAGE INFORMATION IN THE PLANS WITH THE ENGINEER.
- WETLANDS, WATERWAYS, AND OTHER ENVIRONMENTALLY SENSITIVE AREAS SHALL BE PROTECTED AT ALL TIMES. DO NOT STORE EQUIPMENT OR MATERIALS NEAR THESE SITES UNLESS APPROVED BY THE ENGINEER.
- TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
- REMOVAL OF EROSION CONTROL DEVICES IS INCLUDED IN THE COST OF THEIR RESPECTIVE BID ITEMS.
- THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- ASPHALTIC AND CONCRETE SURFACES SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED AND SEEDED.
- FERTILIZER SHALL NOT BE USED NEAR NAVIGABLE WATERWAYS OR WETLANDS.
- A CONVERSION FACTOR OF 2.0 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE.
- HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.
- THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN AND TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, PASSING OR PARKING LANE.

BORING LOG

BORING NO.	STATION	ASPHALTIC PAVEMENT DEPTH (IN)	BASE DEPTH (IN)	SUBBASE MATERIAL
B-1	465+50	4	5.5	BROWN SILTY SAND
B-2	425+00	8	5	BROWN SILTY SAND
B-3	377+00	9.5	5	BROWN SILTY SAND
B-4	345+50	8.5	4.5	BROWN SILTY SAND
B-5	302+60	9	4	BROWN SILTY SAND
B-6	270+00	0	0	BROWN SILTY WITH CLAY
B-7	264+25	0	0	BROWN CLAYEY SAND/GRAYISH BROWN SAND
B-8	256+00	9.5	3.5	BROWN SILTY SAND
B-9	241+30	10.5	4	BROWN SILTY SAND
B-10	217+75	9.5	2.5	BROWN SILTY SAND
B-11	184+05	7.5	4	BROWN SILTY SAND
B-12	150+30	7.5	5	BROWN SILTY SAND
B-13	110+50	8.5	3	BROWN SILTY SAND
B-14	66+50	10.5	3	BROWN SILTY SAND
B-15	28+00	6	4	BROWN SILTY SAND
B-16	13+00	0	0	BROWN CLAYEY SAND/GRAYISH BROWN SAND

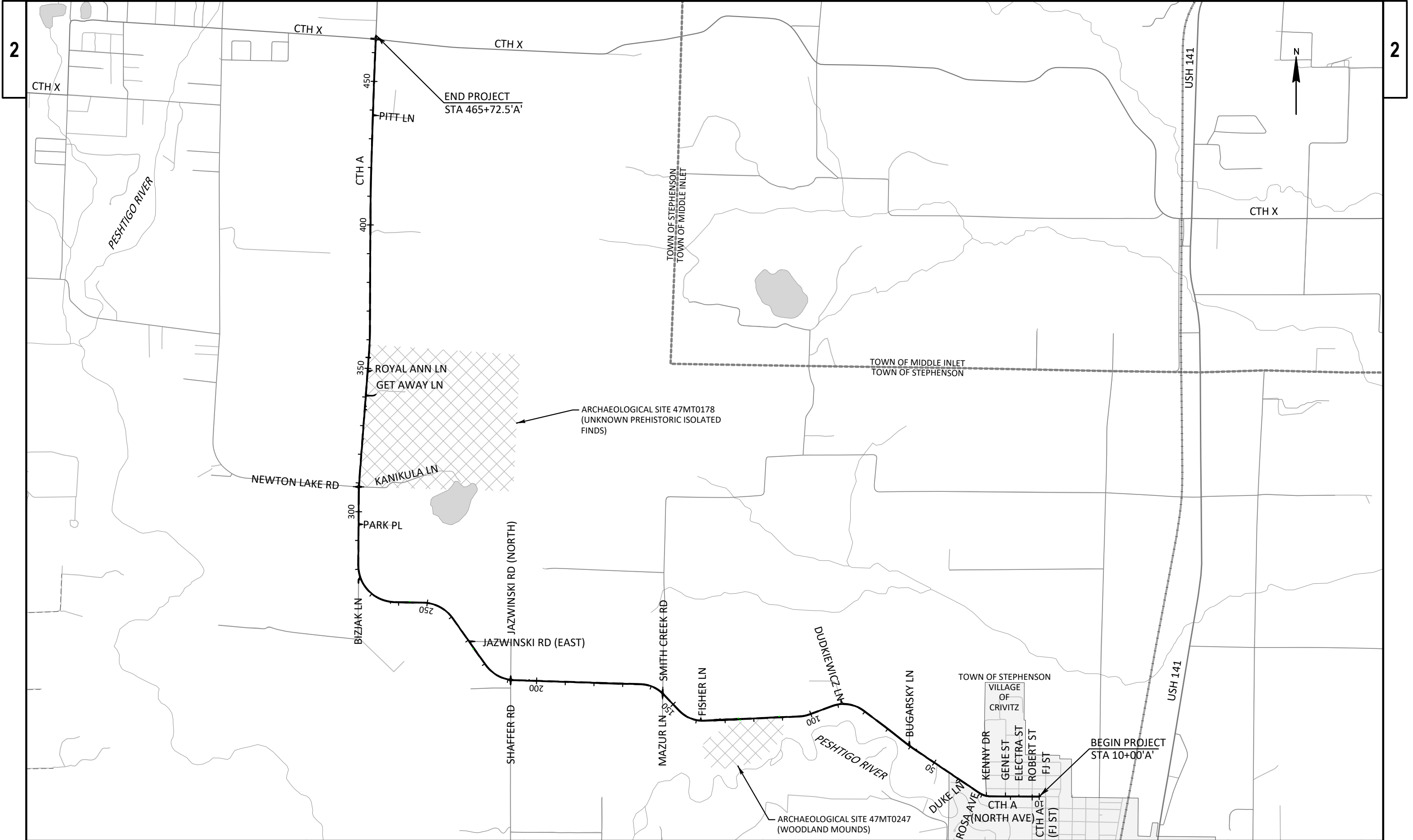


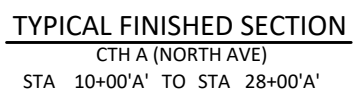
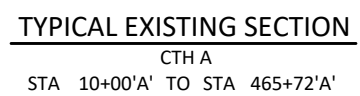
Dial 811 or (800)242-8511

www.DiggersHotline.com

ORDER OF SHEETS - SECTION 2:

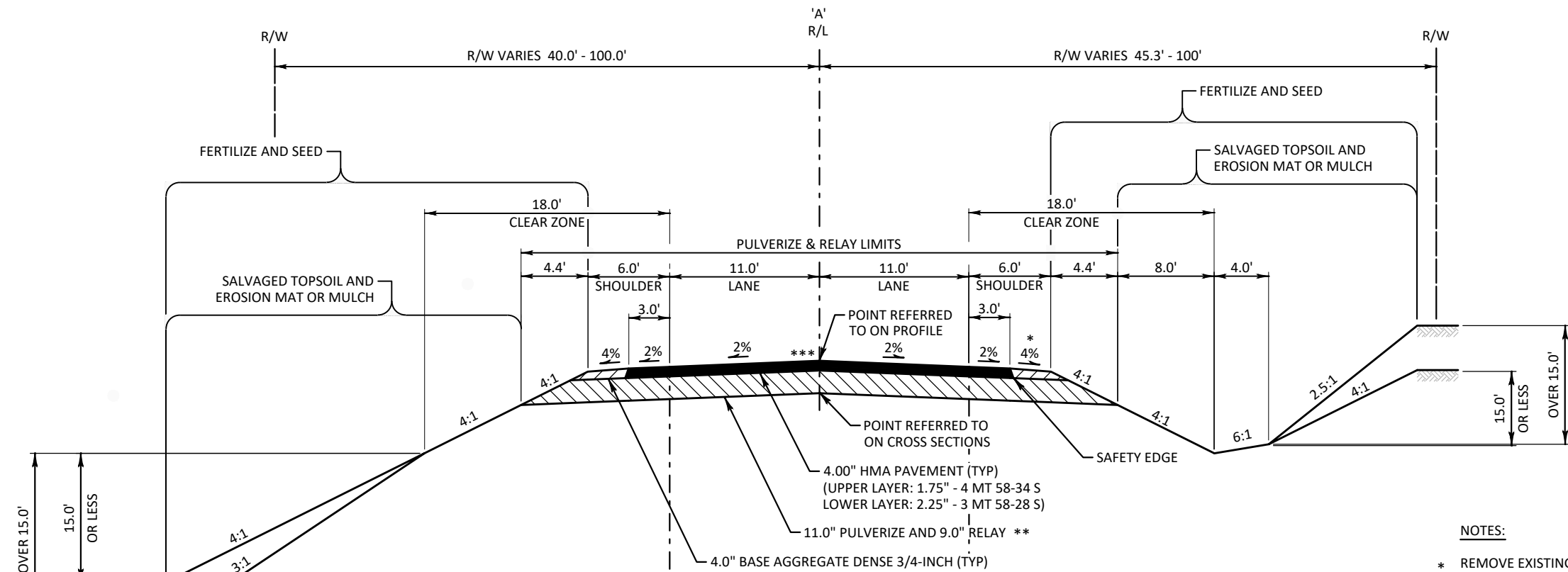
- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- EROSION CONTROL
- PERMANENT SIGNING & PAVEMENT MARKING
- TRAFFIC CONTROL DETAILS



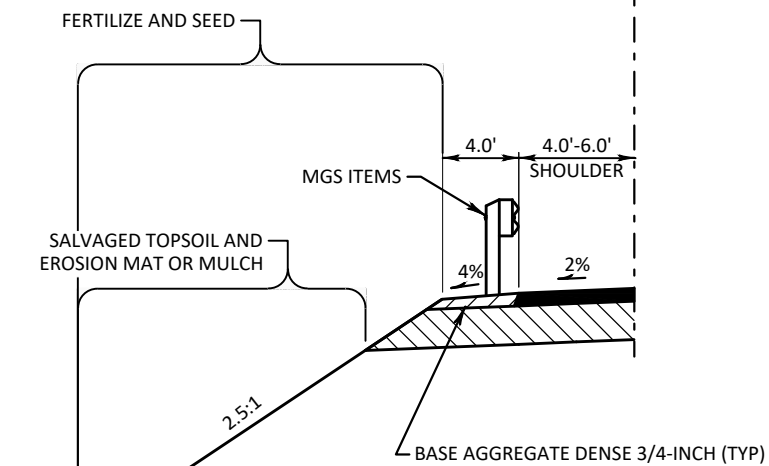


NOTES:

- * REMOVE 4" EXISTING BASE AGGREGATE DENSE 3/4-INCH.
PAID AS COMMON EXCAVATION.
- ** GRADE PULVERIZED MATERIAL TO MATCH PROPOSED PROFILE.
EXCESS MATERIAL TO BE USED AT OTHER LOCATIONS AS NEEDED.

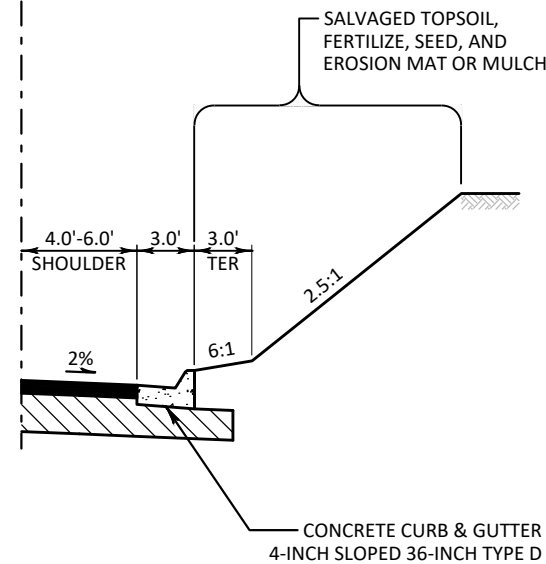
**NOTES:**

- * REMOVE EXISTING BASE AGGREGATE DENSE SHOULDER. PAID AS COMMON EXCAVATION.
- ** GRADE PULVERIZED MATERIAL TO MATCH PROPOSED PROFILE. UTILIZE EXCESS MATERIAL FROM OTHER LOCATIONS AS NEEDED.
- *** ASPHALTIC RUMBLE STRIPS, CENTERLINE

**TYPICAL FINISHED MGS SECTION**

CTH A - LEFT SHOULDER
STA 171+47'A' TO STA 178+53'A'
STA 255+22'A' TO STA 256+99'A'

CTH A - RIGHT SHOULDER
STA 400+47'A' TO STA 404+53'A'

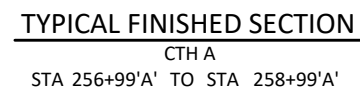
**TYPICAL FINISHED CURB & GUTTER SECTION**

CTH A - RIGHT SHOULDER
STA 111+25'A' TO STA 114+50'A'
STA 125+50'A' TO STA 134+00'A'
STA 256+25'A' TO STA 256+99'A'
STA 258+99'A' TO STA 261+00'A'
STA 337+10'A' TO STA 338+00'A'

CTH A - LEFT SHOULDER
STA 124+85'A' TO STA 134+00'A'
STA 223+00'A' TO STA 226+50'A'

TYPICAL FINISHED SECTION

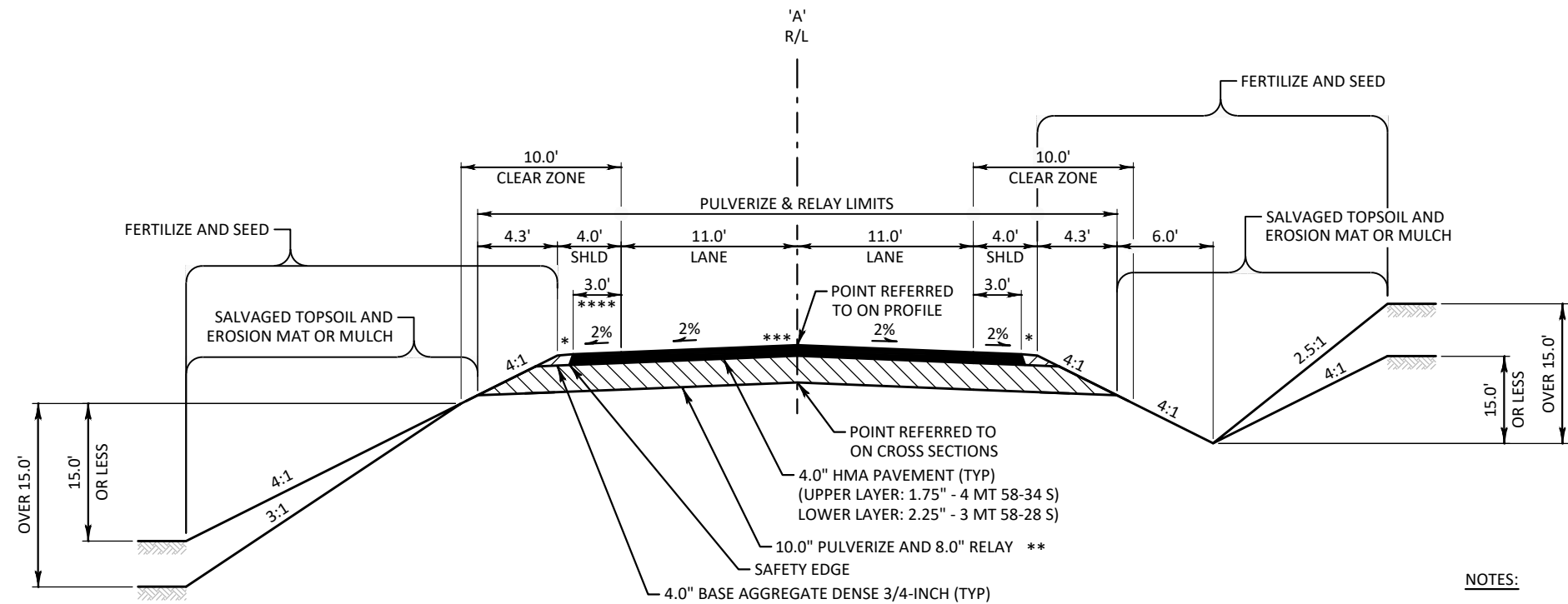
CTH A
STA 28+00'A' TO STA 210+00'A'



CTH A

STA 256+99'A' TO STA 258+99'A'

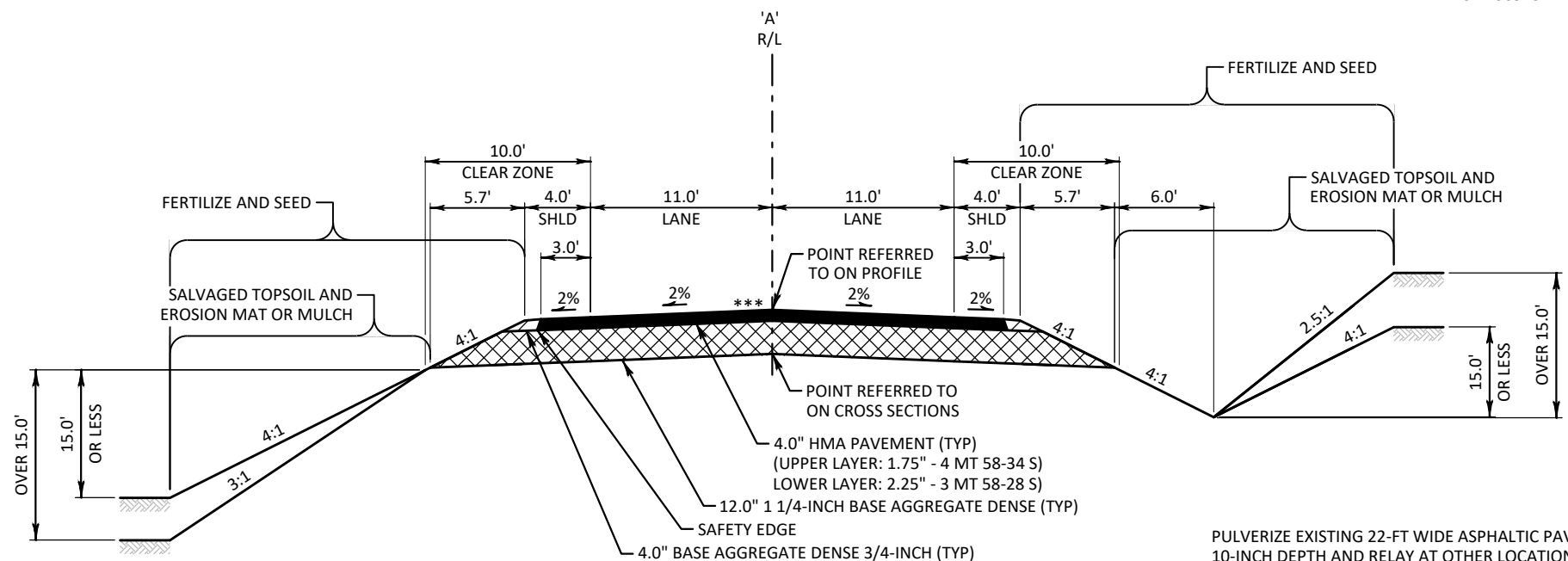
- * REMOVE EXISTING BASE AGGREGATE DENSE SHOULDER.
- * PAID AS COMMON EXCAVATION.
- ** PULVERIZE EXISTING 22-FT WIDE ASPHALTIC PAVEMENT TO A 11-INCH DEPTH AND RELAY AT OTHER LOCATIONS AS NEEDED. PAID FOR UNDER BID ITEM "REMOVING EXCESS PULVERIZED MATERIAL".
- *** ASPHALTIC RUMBLE STRIPS, CENTERLINE
- *** STA 256+99'A¹ - STA 257+28'A¹, LT

**TYPICAL FINISHED SECTION**

CTH A
STA 210+00'A' TO STA 329+60'A'
STA 362+00'A' TO STA 381+05'A'
STA 391+30'A' TO STA 395+40'A'
STA 413+35'A' TO STA 465+72'A'

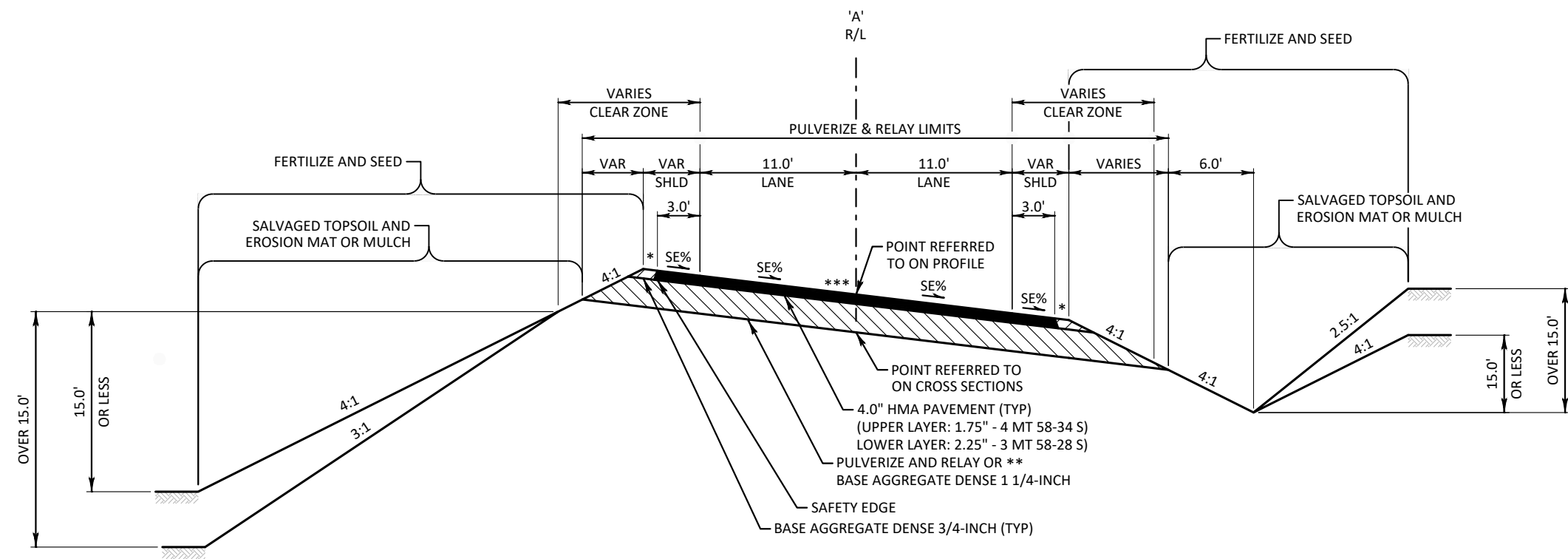
NOTES:

- * REMOVE EXISTING BASE AGGREGATE DENSE SHOULDER.
PAID AS COMMON EXCAVATION.
- ** GRADE PULVERIZED MATERIAL TO MATCH PROPOSED PROFILE.
UTILIZE EXCESS MATERIAL FROM OTHER LOCATIONS AS NEEDED.
- *** ASPHALTIC RUMBLE STRIPS, CENTERLINE
- **** PAVED FULL SHOULDER WIDTH = 6.0'
STA 209+68'A' - STA 211+68'A', LT
STA 309+37'A' - STA 311+37'A', LT

**TYPICAL FINISHED SECTION**

CTH A
STA 329+60'A' TO STA 362+00'A'
STA 381+05'A' TO STA 391+30'A'
STA 395+40'A' TO STA 413+35'A'

PULVERIZE EXISTING 22-FT WIDE ASPHALTIC PAVEMENT TO A
10-INCH DEPTH AND RELAY AT OTHER LOCATIONS AS NEEDED.
PAID FOR UNDER BID ITEM "REMOVING EXCESS PULVERIZED
MATERIAL".



TYPICAL FINISHED SECTION

CTH A
(SEE SUPER ELEVATIONS
TABLES FOR LOCATIONS)

NOTES:

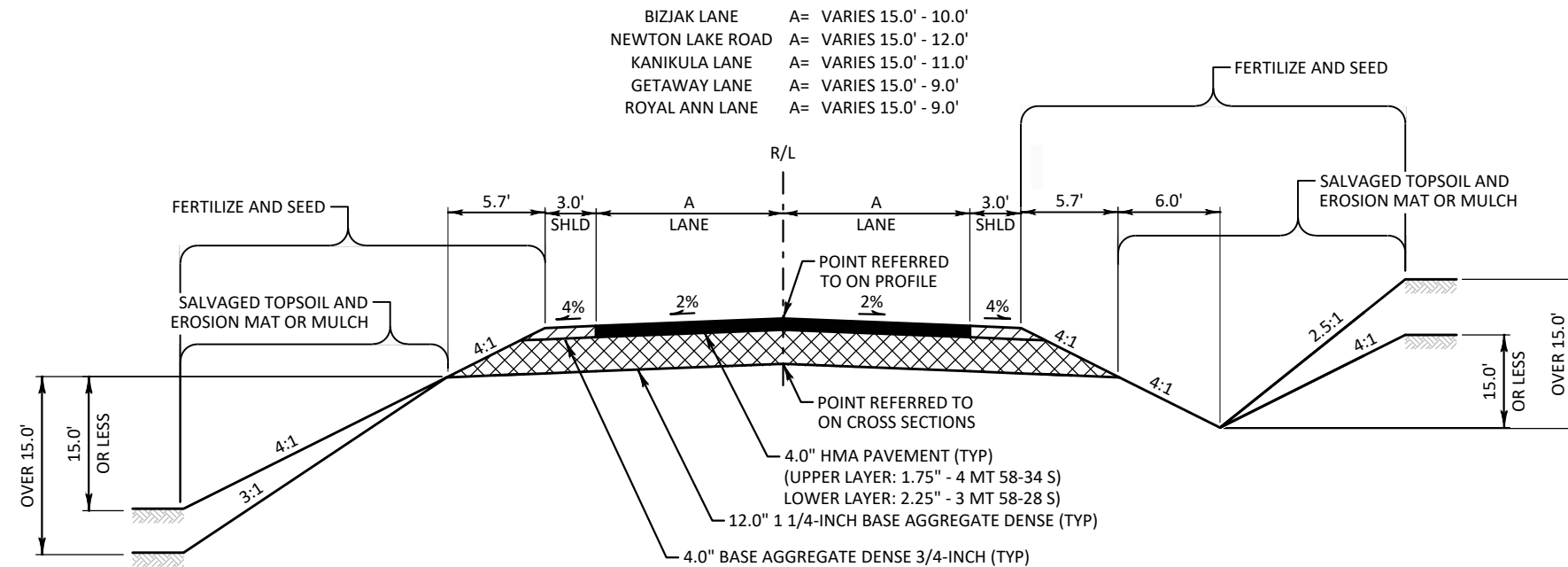
- * REMOVE EXISTING BASE AGGREGATE DENSE SHOULDER.
PAID AS COMMON EXCAVATION.
- ** GRADE PULVERIZED MATERIAL TO MATCH PROPOSED PROFILE.
UTILIZE EXCESS MATERIAL FROM OTHER LOCATIONS AS NEEDED.
- *** ASPHALTIC RUMBLE STRIPS, CENTERLINE

SUPERELEVATION REPORT FOR 'CTH A'					
TRANSITION EVENT POINTS		RATE (%)			
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
C1 TO THE RIGHT					
END NORMAL SHOULDER	25+98.49	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	25+98.49	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	26+37.26	0.0%	0.0%	-2.0%	-4.0%
REVERSE CROWN	26+76.04	2.0%	2.0%	-2.0%	-4.0%
LOW SHOULDER MATCH	27+14.81	4.0%	4.0%	-4.0%	-4.0%
BEGIN FULL SUPER	27+32.26	4.9%	4.9%	-4.9%	-4.9%
END FULL SUPER	30+77.19	4.9%	4.9%	-4.9%	-4.9%
LOW SHOULDER MATCH	30+94.64	4.0%	4.0%	-4.0%	-4.0%
REVERSE CROWN	31+33.42	2.0%	2.0%	-2.0%	-4.0%
LEVEL CROWN	31+72.19	0.0%	0.0%	-2.0%	-4.0%
BEGIN NORMAL CROWN	32+10.97	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	32+10.97	-4.0%	-2.0%	-2.0%	-4.0%
C2 TO THE RIGHT					
ENDNORMALSHOULDER	57+41.56	-4.0%	-2.0%	-2.0%	-4.0%
ENDNORMALCROWN	57+41.56	-4.0%	-2.0%	-2.0%	-4.0%
LEVELCROWN	57+92.40	0.0%	0.0%	-2.0%	-4.0%
REVERSECROWN	58+43.23	2.0%	2.0%	-2.0%	-4.0%
BEGINFULLSUPER	58+53.40	2.4%	2.4%	-2.4%	-4.0%
ENDFULLSUPER	62+47.74	2.4%	2.4%	-2.4%	-4.0%
REVERSECROWN	62+57.90	2.0%	2.0%	-2.0%	-4.0%
LEVELCROWN	63+08.74	0.0%	0.0%	-2.0%	-4.0%
BEGINNORMALCROWN	63+59.57	-4.0%	-2.0%	-2.0%	-4.0%
BEGINNORMALSHOULDER	63+59.57	-4.0%	-2.0%	-2.0%	-4.0%
C3 TO THE LEFT - NORMAL CROWN					
C4 TO THE LEFT					
ENDNORMALSHOULDER	79+04.46	-4.0%	-2.0%	-2.0%	-4.0%
ENDNORMALCROWN	79+04.46	-4.0%	-2.0%	-2.0%	-4.0%
LEVELCROWN	79+55.46	-4.0%	-2.0%	0.0%	0.0%
REVERSECROWN	80+06.46	-4.0%	-2.0%	2.0%	2.0%
LOWSHOULDERMATCH	80+57.46	-4.0%	-4.0%	4.0%	4.0%
BEGINFULLSUPER	81+08.46	-6.0%	-6.0%	6.0%	6.0%
ENDFULLSUPER	91+56.53	-6.0%	-6.0%	6.0%	6.0%
LOWSHOULDERMATCH	92+07.53	-4.0%	-4.0%	4.0%	4.0%
REVERSECROWN	92+58.53	-4.0%	-2.0%	2.0%	2.0%
LEVELCROWN	93+09.53	-4.0%	-2.0%	0.0%	0.0%
BEGINNORMALCROWN	93+60.53	-4.0%	-2.0%	-2.0%	-4.0%
BEGINNORMALSHOULDER	93+60.53	-4.0%	-2.0%	-2.0%	-4.0%

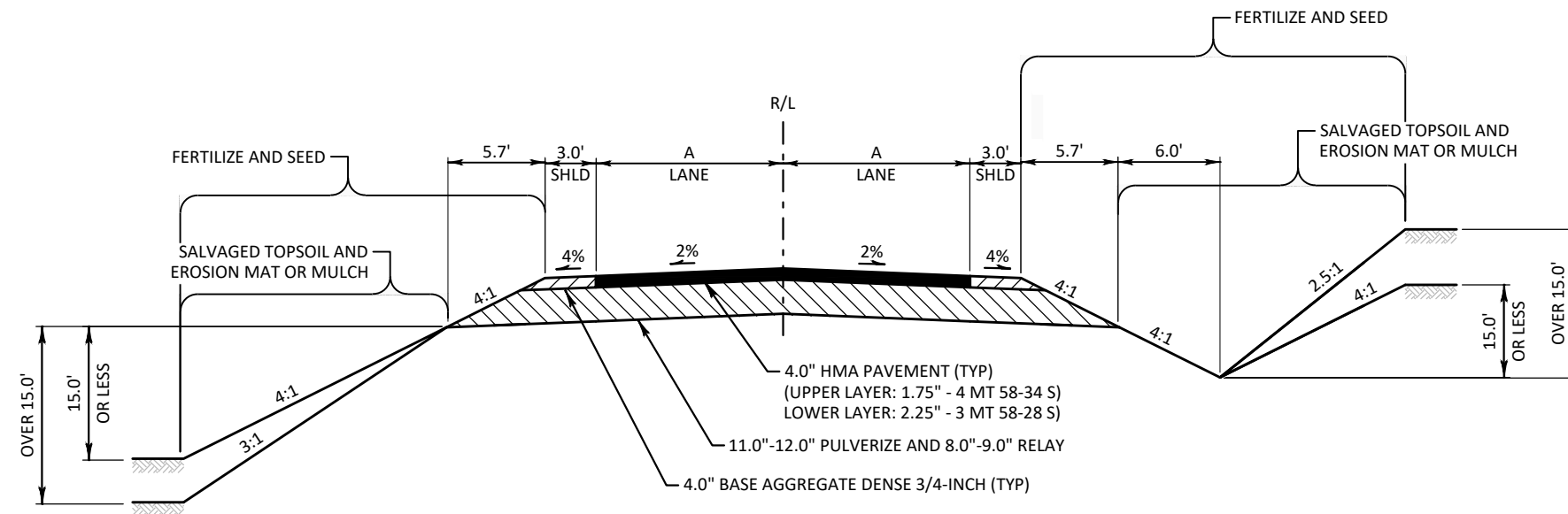
SUPERELEVATION REPORT FOR 'CTH A'					
TRANSITION EVENT POINTS		RATE (%)			
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
C5 TO THE RIGHT					
END NORMAL SHOULDER	99+09.08	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	99+09.08	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	99+60.08	0.0%	0.0%	-2.0%	-4.0%
REVERSE CROWN	100+11.08	2.0%	2.0%	-2.0%	-4.0%
LOW SHOULDER MATCH	100+62.08	4.0%	4.0%	-4.0%	-4.0%
BEGIN FULL SUPER	101+13.08	6.0%	6.0%	-6.0%	-6.0%
END FULL SUPER	103+44.20	6.0%	6.0%	-6.0%	-6.0%
LOW SHOULDER MATCH	103+95.20	4.0%	4.0%	-4.0%	-4.0%
REVERSE CROWN	104+46.20	2.0%	2.0%	-2.0%	-4.0%
LEVEL CROWN	104+97.20	0.0%	0.0%	-2.0%	-4.0%
BEGIN NORMAL CROWN	105+48.20	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	105+48.20	-4.0%	-2.0%	-2.0%	-4.0%
C6 TO THE RIGHT					
END NORMAL SHOULDER	135+75.82	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	135+75.82	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	136+26.82	0.0%	0.0%	-2.0%	-4.0%
REVERSE CROWN	136+77.82	2.0%	2.0%	-2.0%	-4.0%
LOW SHOULDER MATCH	137+28.82	4.0%	4.0%	-4.0%	-4.0%
BEGIN FULL SUPER	137+79.82	6.0%	6.0%	-6.0%	-6.0%
END FULL SUPER	146+37.07	6.0%	6.0%	-6.0%	-6.0%
LOW SHOULDER MATCH	146+88.07	4.0%	4.0%	-4.0%	-4.0%
REVERSE CROWN	147+39.07	2.0%	2.0%	-2.0%	-4.0%
LEVEL CROWN	147+90.07	0.0%	0.0%	-2.0%	-4.0%
BEGIN NORMAL CROWN	148+41.07	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	148+41.07	-4.0%	-2.0%	-2.0%	-4.0%
C7 TO THE LEFT					
END NORMAL SHOULDER	153+37.35	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	153+37.35	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	153+88.35	-4.0%	-2.0%	0.0%	0.0%
REVERSE CROWN	154+39.35	-4.0%	-2.0%	2.0%	2.0%
LOW SHOULDER MATCH	154+90.35	-4.0%	-4.0%	4.0%	4.0%
BEGIN FULL SUPER	155+41.35	-6.0%	-6.0%	6.0%	6.0%
END FULL SUPER	163+16.25	-6.0%	-6.0%	6.0%	6.0%
LOW SHOULDER MATCH	163+67.25	-4.0%	-4.0%	4.0%	4.0%
REVERSE CROWN	164+18.25	-4.0%	-2.0%	2.0%	2.0%
LEVEL CROWN	164+69.25	-4.0%	-2.0%	0.0%	0.0%
BEGIN NORMAL CROWN	165+20.25	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	165+20.25	-4.0%	-2.0%	-2.0%	-4.0%

SUPERELEVATION REPORT FOR 'CTH A'					
TRANSITION EVENT POINTS		RATE (%)			
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
C8 TO THE RIGHT					
END NORMAL SHOULDER	206+28.48	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	206+28.48	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	206+79.67	0.0%	0.0%	-2.0%	-4.0%
REVERSE CROWN	207+30.85	2.0%	2.0%	-2.0%	-4.0%
LOW SHOULDER MATCH	207+82.04	4.0%	4.0%	-4.0%	-4.0%
BEGIN FULL SUPER	208+30.67	5.9%	5.9%	-5.9%	-5.9%
END FULL SUPER	219+03.40	5.9%	5.9%	-5.9%	-5.9%
LOW SHOULDER MATCH	219+52.03	4.0%	4.0%	-4.0%	-4.0%
REVERSE CROWN	220+03.22	2.0%	2.0%	-2.0%	-4.0%
LEVEL CROWN	220+54.40	0.0%	0.0%	-2.0%	-4.0%
BEGIN NORMAL CROWN	221+05.59	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	221+05.59	-4.0%	-2.0%	-2.0%	-4.0%
C9 TO THE LEFT					
END NORMAL SHOULDER	237+80.69	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	237+80.69	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	238+31.88	-4.0%	-2.0%	0.0%	0.0%
REVERSE CROWN	238+83.07	-4.0%	-2.0%	2.0%	2.0%
LOW SHOULDER MATCH	239+34.25	-4.0%	-4.0%	4.0%	4.0%
BEGIN FULL SUPER	239+82.88	-5.9%	-5.9%	5.9%	5.9%
END FULL SUPER	251+06.00	-5.9%	-5.9%	5.9%	5.9%
LOW SHOULDER MATCH	251+54.63	-4.0%	-4.0%	4.0%	4.0%
REVERSE CROWN	252+05.81	-4.0%	-2.0%	2.0%	2.0%
LEVEL CROWN	252+57.00	-4.0%	-2.0%	0.0%	0.0%
BEGIN NORMAL CROWN	253+08.19	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	253+08.19	-4.0%	-2.0%	-2.0%	-4.0%
C10 TO THE RIGHT					
END NORMAL SHOULDER	259+45.01	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	259+45.01	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	259+96.09	0.0%	0.0%	-2.0%	-4.0%
REVERSE CROWN	260+47.16	2.0%	2.0%	-2.0%	-4.0%
LOW SHOULDER MATCH	260+98.23	4.0%	4.0%	-4.0%	-4.0%
BEGIN FULL SUPER	261+39.09	5.6%	5.6%	-5.6%	-5.6%
END FULL SUPER	264+47.86	5.6%	5.6%	-5.6%	-5.6%
LOW SHOULDER MATCH	264+88.72	5.7%	5.7%	-5.7%	-5.7%
REVERSE CROWN	265+39.79	5.9%	5.9%	-5.9%	-5.9%
LEVEL CROWN	265+90.86	5.9%	5.9%	-5.9%	-5.9%
BEGIN NORMAL CROWN	266+41.93	5.9%	5.9%	-5.9%	-5.9%
BEGIN NORMAL SHOULDER	266+41.93	5.9%	5.9%	-5.9%	-5.9%

SUPERELEVATION REPORT FOR 'CTH A'					
TRANSITION EVENT POINTS		RATE (%)			
LOCATION	STATION	LEFT OF CROWNLINE		RIGHT OF CROWNLINE	
		LEFT SHOULDER	LEFT LANE	RIGHT LANE	RIGHT SHOULDER
C11 TO THE RIGHT					
END NORMAL SHOULDER	263+43.67	5.6%	5.6%	-5.6%	-5.6%
END NORMAL CROWN	263+43.67	5.6%	5.6%	-5.6%	-5.6%
LEVEL CROWN	263+94.85	5.6%	5.6%	-5.6%	-5.6%
REVERSE CROWN	264+46.04	5.6%	5.6%	-5.6%	-5.6%
LOW SHOULDER MATCH	264+97.23	5.8%	5.8%	-5.8%	-5.8%
BEGIN FULL SUPER	265+45.85	5.9%	5.9%	-5.9%	-5.9%
END FULL SUPER	278+71.06	5.9%	5.9%	-5.9%	-5.9%
LOW SHOULDER MATCH	279+19.68	5.9%	5.9%	-5.9%	-5.9%
REVERSE CROWN	279+70.87	5.9%	5.9%	-5.9%	-5.9%
LEVEL CROWN	280+22.06	5.9%	5.9%	-5.9%	-5.9%
BEGIN NORMAL CROWN	280+73.24	5.9%	5.9%	-5.9%	-5.9%
BEGIN NORMAL SHOULDER	280+73.24	5.9%	5.9%	-5.9%	-5.9%
C12 TO THE RIGHT					
END NORMAL SHOULDER	277+69.53	5.9%	5.9%	-5.9%	-5.9%
END NORMAL CROWN	277+69.53	5.9%	5.9%	-5.9%	-5.9%
LEVEL CROWN	278+20.71	5.9%	5.9%	-5.9%	-5.9%
REVERSE CROWN	278+71.90	5.9%	5.9%	-5.9%	-5.9%
LOW SHOULDER MATCH	279+23.09	5.9%	5.9%	-5.9%	-5.9%
BEGIN FULL SUPER	279+71.71	5.9%	5.9%	-5.9%	-5.9%
END FULL SUPER	280+96.87	5.9%	5.9%	-5.9%	-5.9%
LOW SHOULDER MATCH	281+45.50	4.0%	4.0%	-4.0%	-4.0%
REVERSE CROWN	281+96.69	2.0%	2.0%	-2.0%	-4.0%
LEVEL CROWN	282+47.87	0.0%	0.0%	-2.0%	-4.0%
BEGIN NORMAL CROWN	282+99.06	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	282+99.06	-4.0%	-2.0%	-2.0%	-4.0%
C13 TO THE RIGHT					
END NORMAL SHOULDER	305+91.64	-4.0%	-2.0%	-2.0%	-4.0%
END NORMAL CROWN	305+91.64	-4.0%	-2.0%	-2.0%	-4.0%
LEVEL CROWN	306+42.84	0.0%	0.0%	-2.0%	-4.0%
REVERSE CROWN	306+94.04	2.0%	2.0%	-2.0%	-4.0%
BEGIN FULL SUPER	307+06.84	2.5%	2.5%	-2.5%	-4.0%
END FULL SUPER	310+38.52	2.5%	2.5%	-2.5%	-4.0%
REVERSE CROWN	310+51.32	2.0%	2.0%	-2.0%	-4.0%
LEVEL CROWN	311+02.52	0.0%	0.0%	-2.0%	-4.0%
BEGIN NORMAL CROWN	311+53.72	-4.0%	-2.0%	-2.0%	-4.0%
BEGIN NORMAL SHOULDER	311+53.72	-4.0%	-2.0%	-2.0%	-4.0%
C14 TO THE LEFT - NORMAL CROWN					

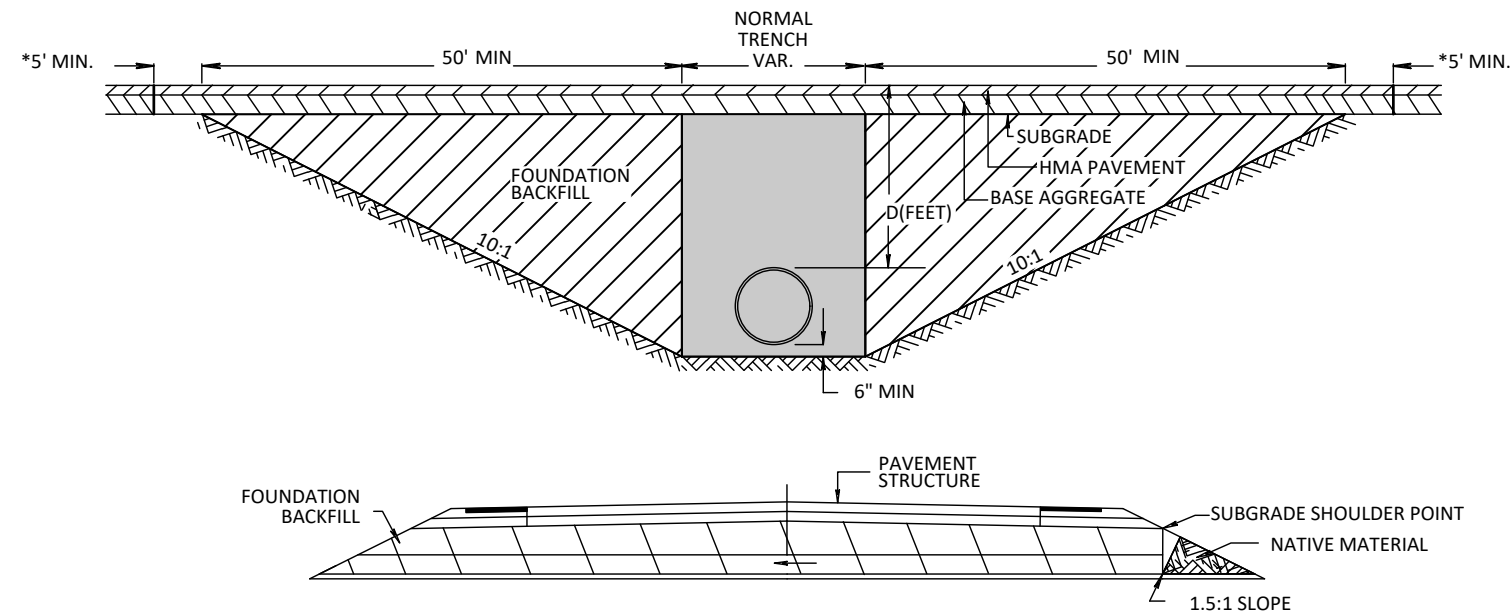
**TYPICAL FINISHED SECTION**

BIZJAK LANE	STA 17+95.00'BZ' TO STA 19+85.27'BZ'
NEWTON LAKE ROAD	STA 18+90.61'NR' TO STA 19+85.97'NR'
KANIKULA LANE	STA 20+14.00'KL' TO STA 20+95.80'KL'
GETAWAY LANE	STA 20+14.00'GL' TO STA 23+25.00'GL'
ROYAL ANN LANE	STA 20+14.14'RL' TO STA 21+06.87'RL'

**TYPICAL FINISHED SECTION**

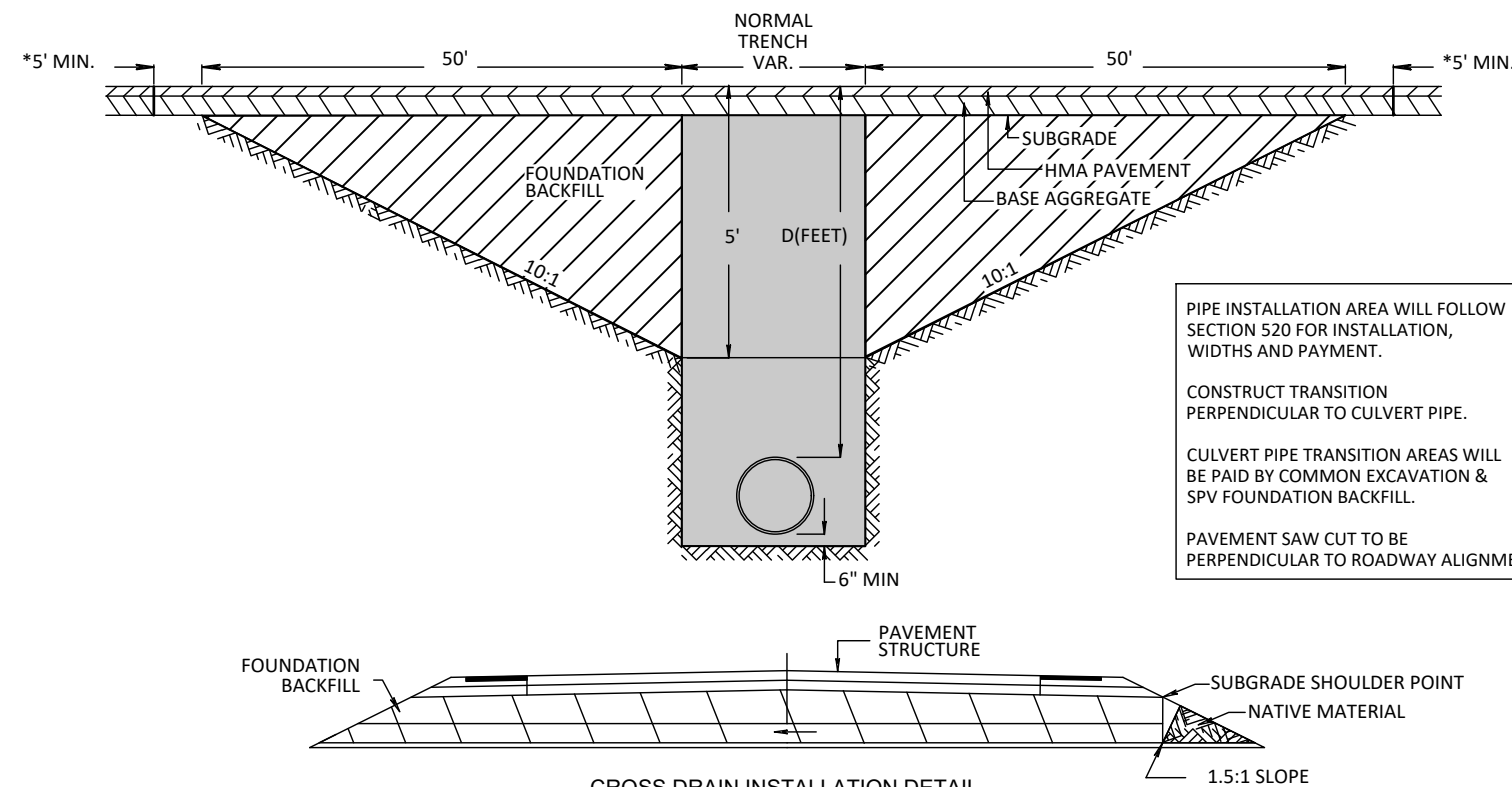
ROBERT ST (NORTH/SOUTH)	STA 19+75.04'RS' TO STA 20+25.04'RS'
ELECTRA STREET	STA 20+14.00'ES' TO STA 20+25.00'ES'
GENE STREET	STA 20+14.00'GS' TO STA 20+25.00'GS'
KENNY DRIVE	STA 20+14.00'KD' TO STA 20+27.07'KD'
ROSA AVENUE	STA 19+72.75'RD' TO STA 19+85.74'RD'
DUKE LANE	STA 19+72.76'DL' TO STA 19+85.83'DL'
MAZUR LANE	STA 18+64.64'ML' TO STA 19+80.54'ML'
SMITH CREEK ROAD	STA 20+19.22'SC' TO STA 21+40.50'SC'
SHAFFER ROAD	STA 18+50.00'SR' TO STA 19+85.90'SR'
JAZWINSKI ROAD (NORTH)	STA 20+14.11'JN' TO STA 21+29.89'JN'
PITT LANE	STA 20+14.01'PL' TO STA 21+18.24'PL'
CTH X (WEST)	STA 18+25.62'XW' TO STA 19+85.99'XW'
CTH X (EAST)	STA 20+14.03'XE' TO STA 21+41.69'XE'

NOTE: TYPICAL SECTION IS FOR INFORMATIONAL PURPOSES ONLY.
PROFILE AND CROSS SECTIONS ARE NOT PROVIDED. REFERENCE
INTERSECTION DETAILS FOR ADDITIONAL INFORMATION.



CROSS DRAIN INSTALLATION DETAIL
FOR $D \leq 5'$

* PAVEMENT REMOVAL LIMITS (TYPICAL)



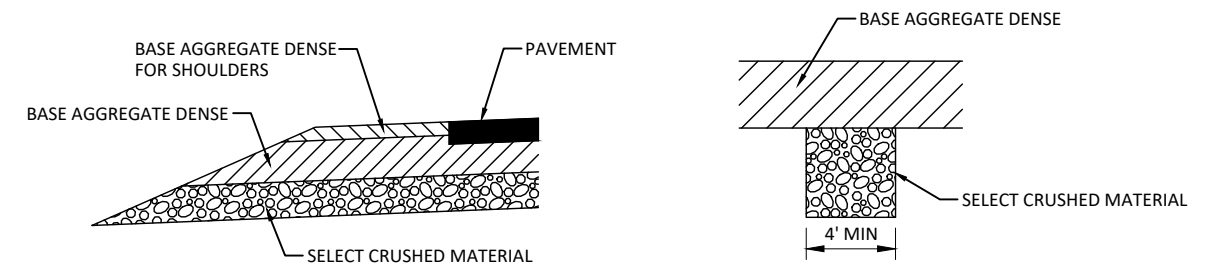
CROSS DRAIN INSTALLATION DETAIL
FOR $D \geq 5'$

PIPE INSTALLATION AREA WILL FOLLOW SECTION 520 FOR INSTALLATION, WIDTHS AND PAYMENT.

CONSTRUCT TRANSITION PERPENDICULAR TO CULVERT PIPE.

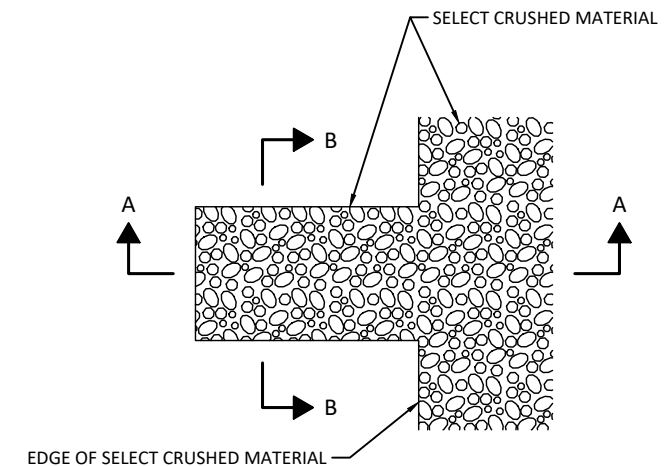
CULVERT PIPE TRANSITION AREAS WILL BE PAID BY COMMON EXCAVATION & SPV FOUNDATION BACKFILL.

PAVEMENT SAW CUT TO BE PERPENDICULAR TO ROADWAY ALIGNMENT.



SECTION A-A

SECTION B-B

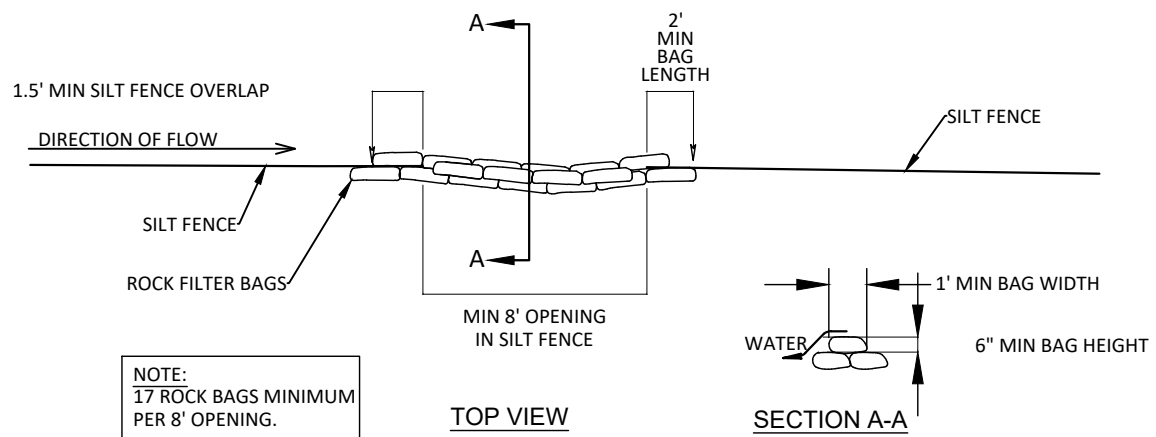


DETAIL FOR FRENCH DRAINS

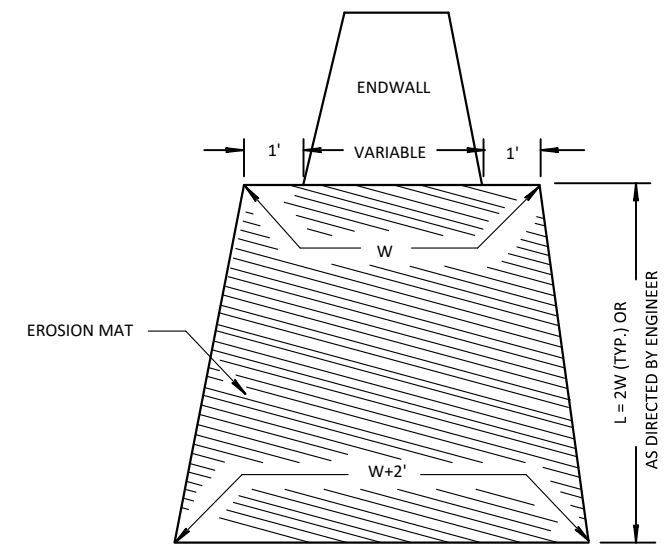
DRAINS ARE TO BE CONSTRUCTED AT LEAST EVERY 250' AND AT EACH SAG VERTICAL CURVE IN THE PROFILE.

LOCATIONS TO BE DETERMINED IN THE FIELD BY THE ENGINEER.

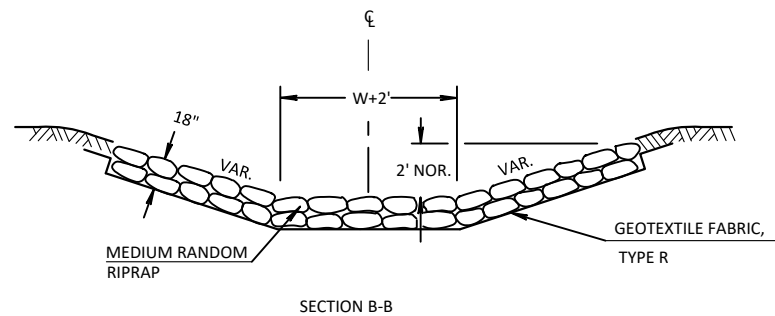
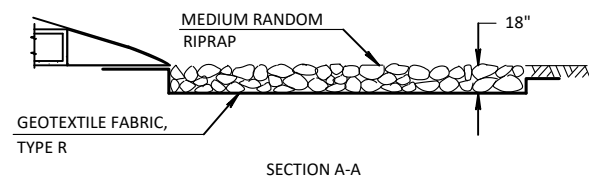
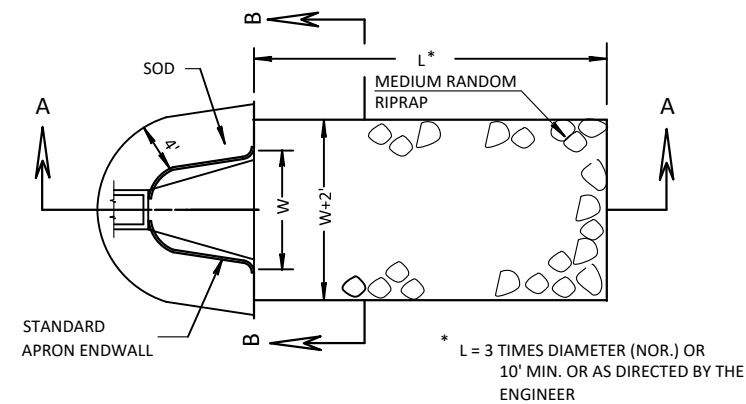
EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM BREAKER RUN STONE.



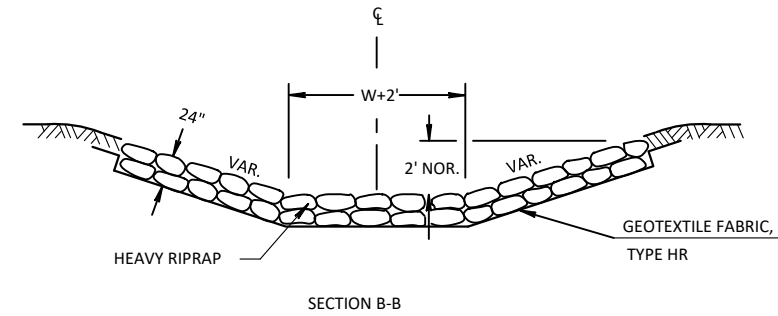
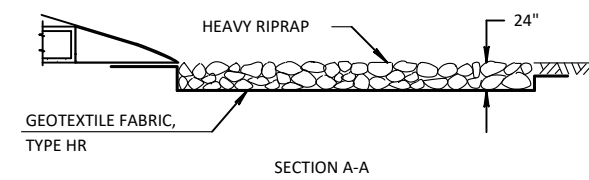
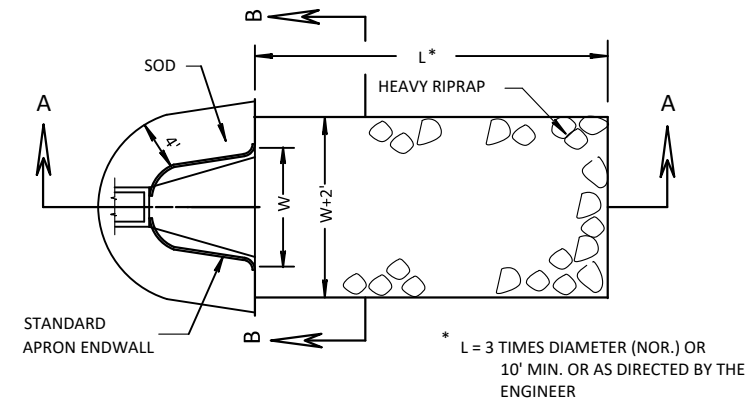
ROCK BAGS USED FOR SILT FENCE RELIEF



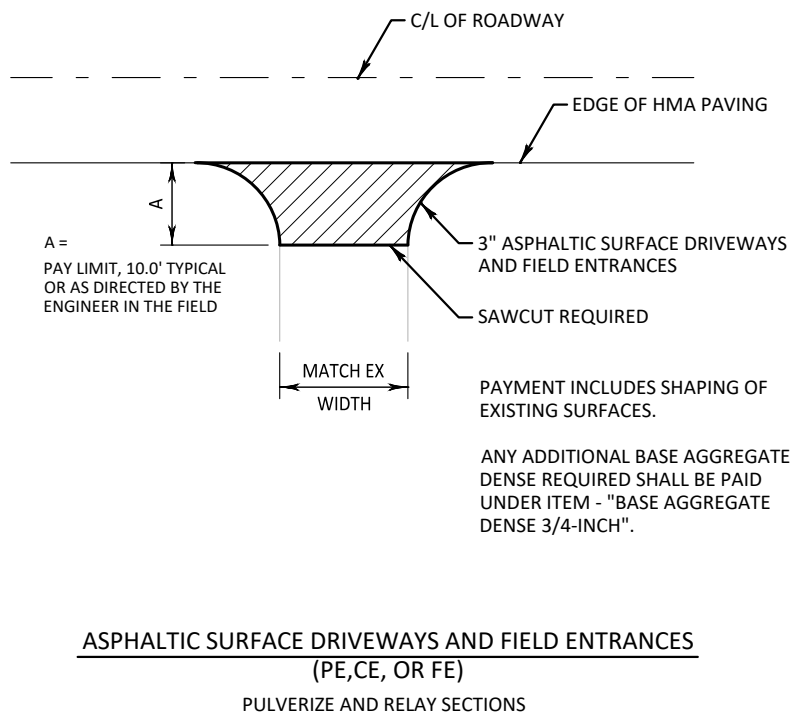
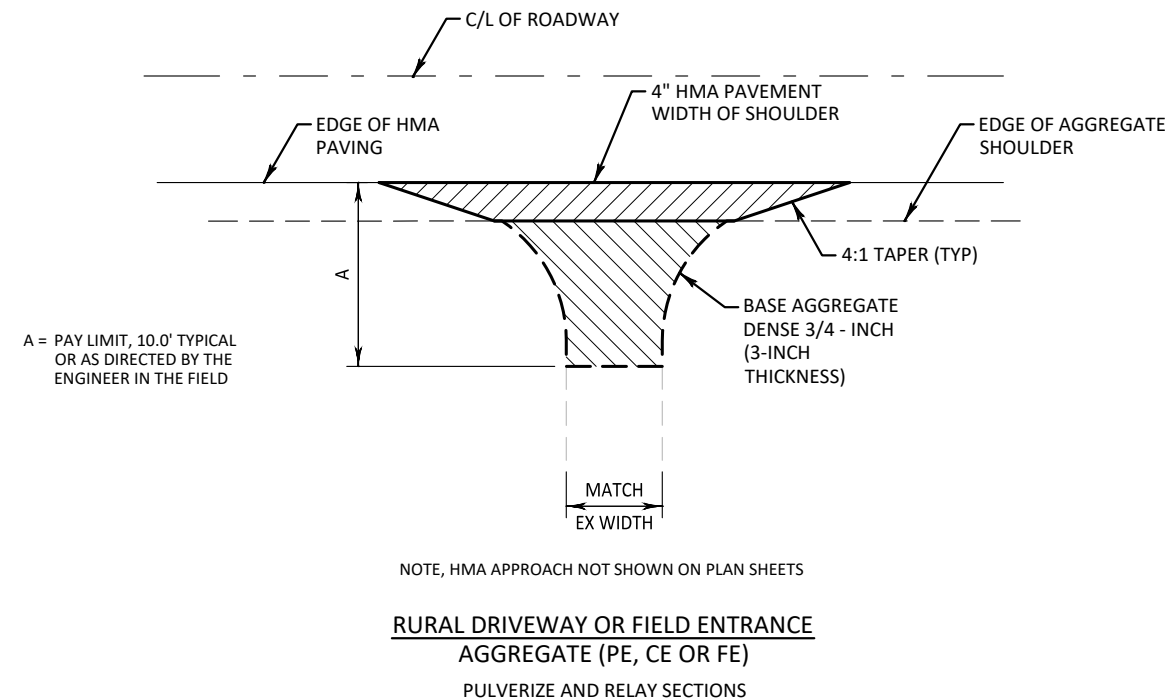
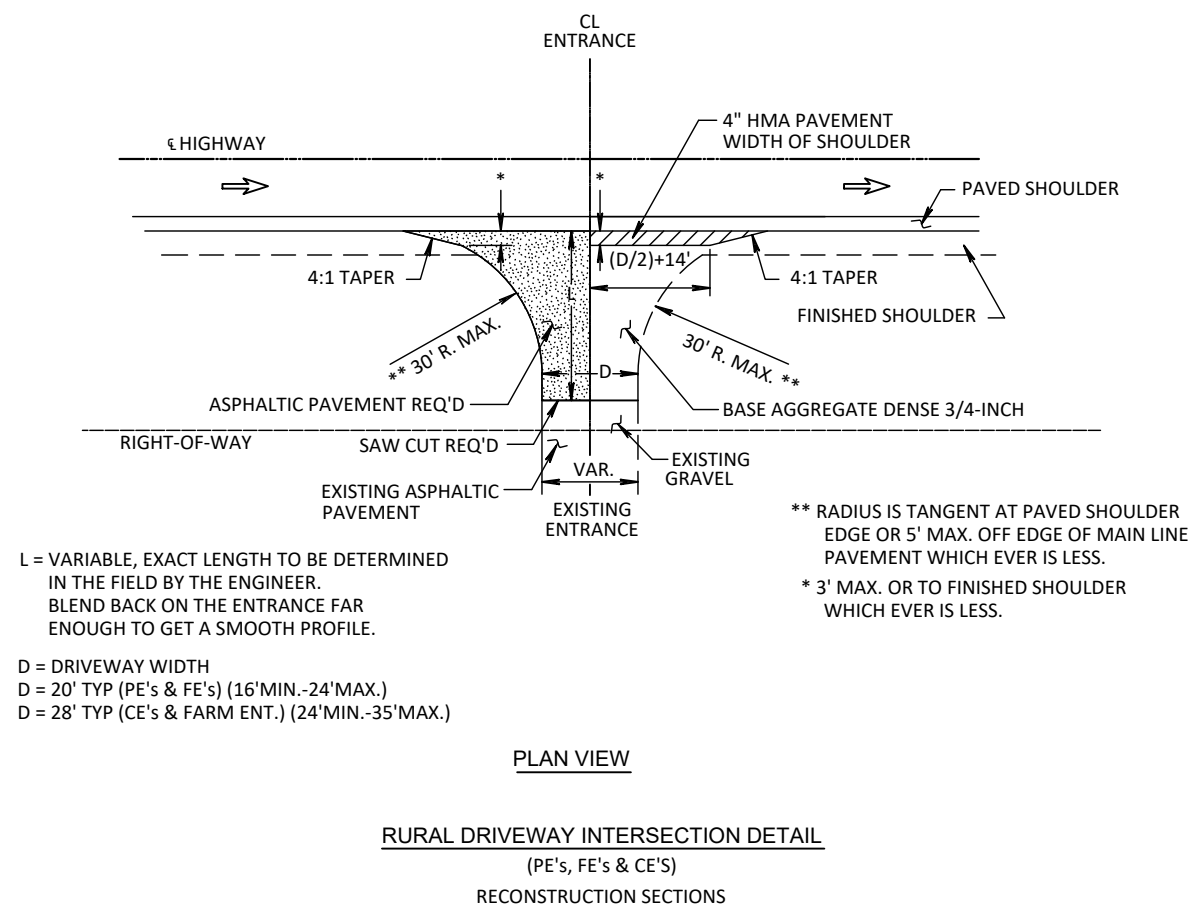
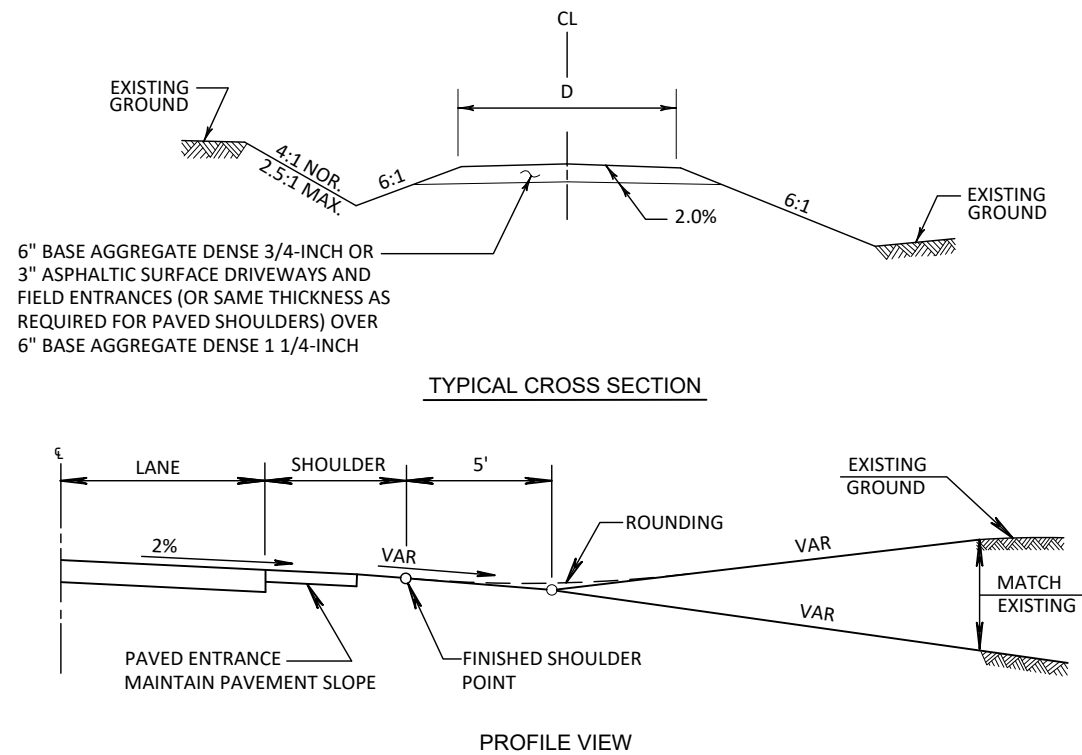
EROSION MAT TREATMENT AT CULVERTS

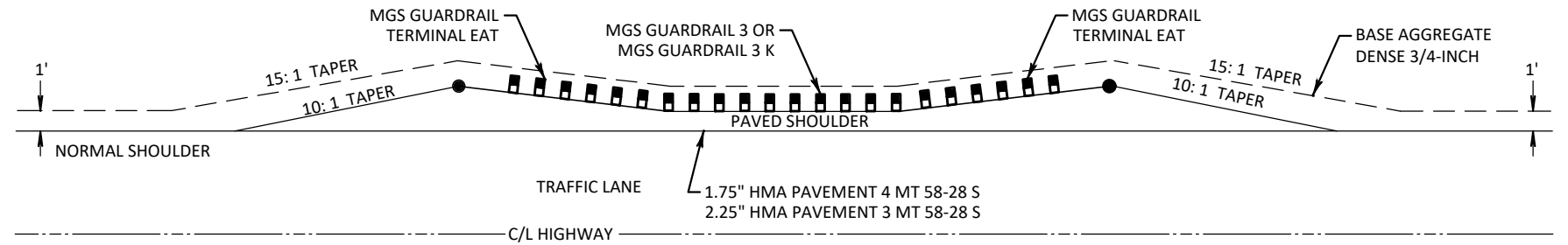
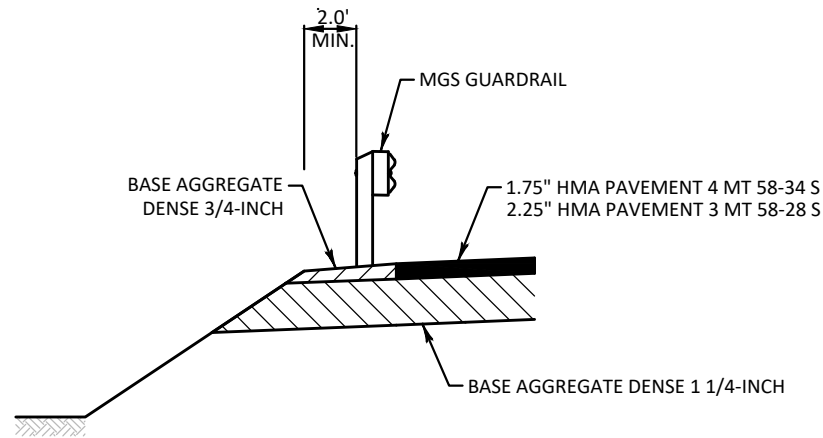


SOD, MEDIUM RANDOM RIPRAP AND GEOTEXTILE FABRIC DETAIL
AT APRON ENDWALL



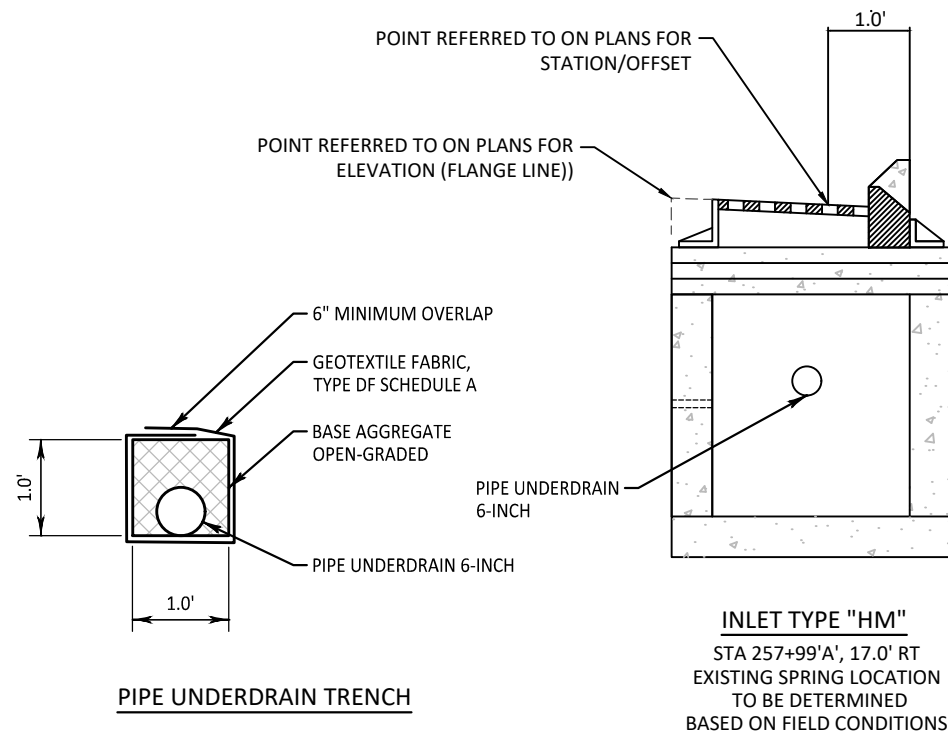
SOD, HEAVY RIPRAP AND GEOTEXTILE FABRIC DETAIL
AT APRON ENDWALLS





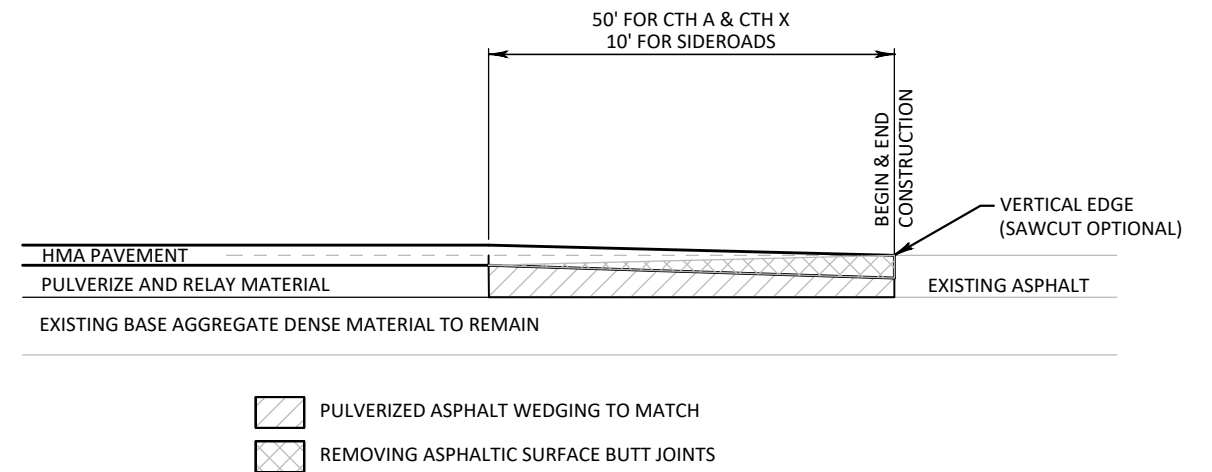
NOTE:
SEE PLAN AND PROFILE SHEETS FOR EXACT OFFSETS
AND LAYOUT

GUARDRAIL LAYOUT



CTH A
PROJECT BEGIN
PROJECT END

SIDEROADS
ROBERT ST (NORTH/SOUTH)
ELECTRA ST
GENE ST
KENNY DR
ROSA AVE
DUKE LN
MAZUR LN
SMITH CREEK RD
SHAFFER RD
JAZWINSKI RD (NORTH)
PITT LN
CTH X (WEST/EAST)



REMOVING ASPHALTIC SURFACE BUTT JOINTS

STATION	OFFSET	ELEVATION
111+25	RT	707.20
111+50	RT	707.82
111+75	RT	708.44
112+00	RT	709.06
112+25	RT	709.69
112+50	RT	710.31
112+75	RT	710.93
113+00	RT	711.53
113+25	RT	712.10
113+50	RT	712.64
113+75	RT	713.15
114+00	RT	713.62
114+25	RT	714.06
114+50	RT	714.46

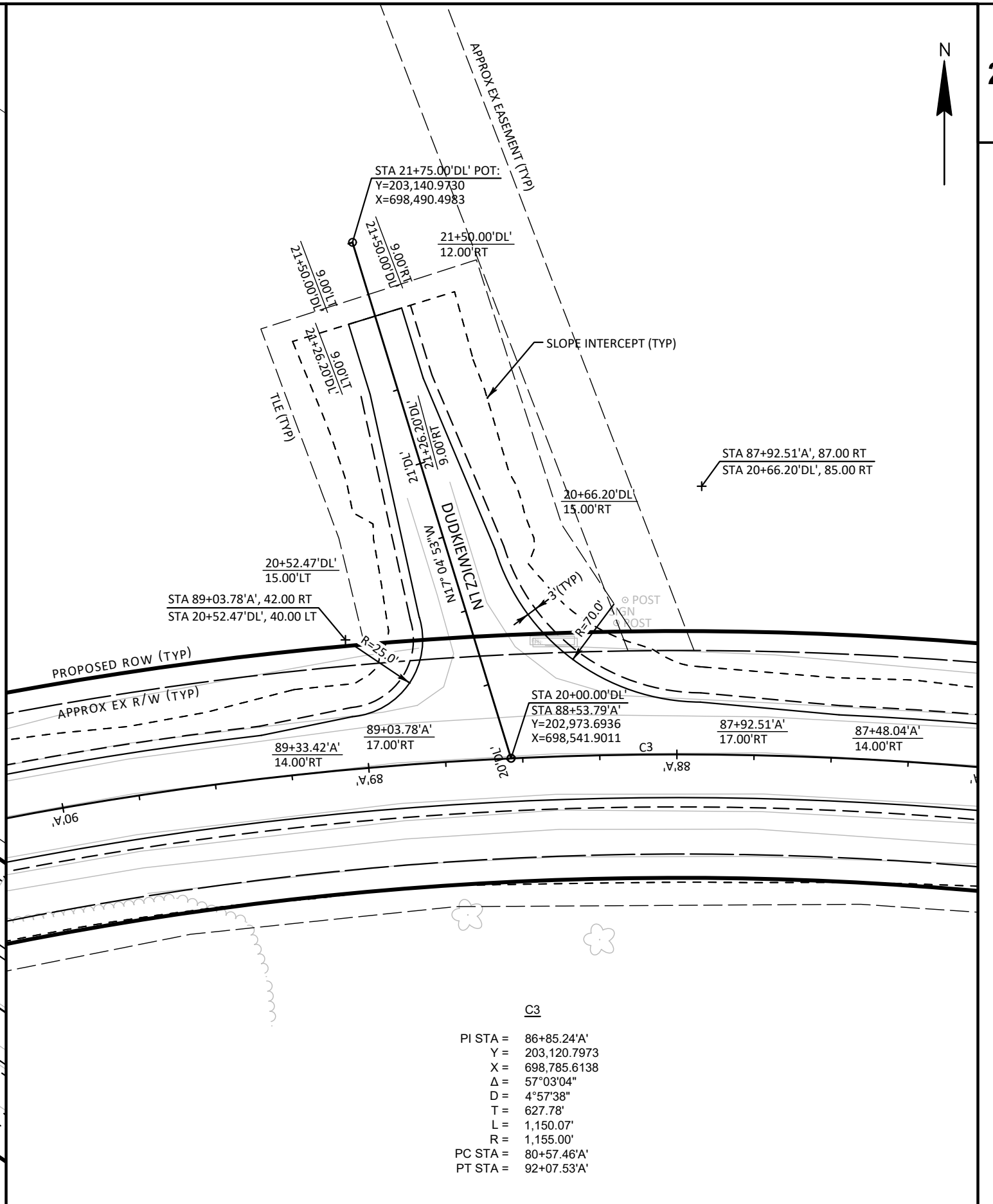
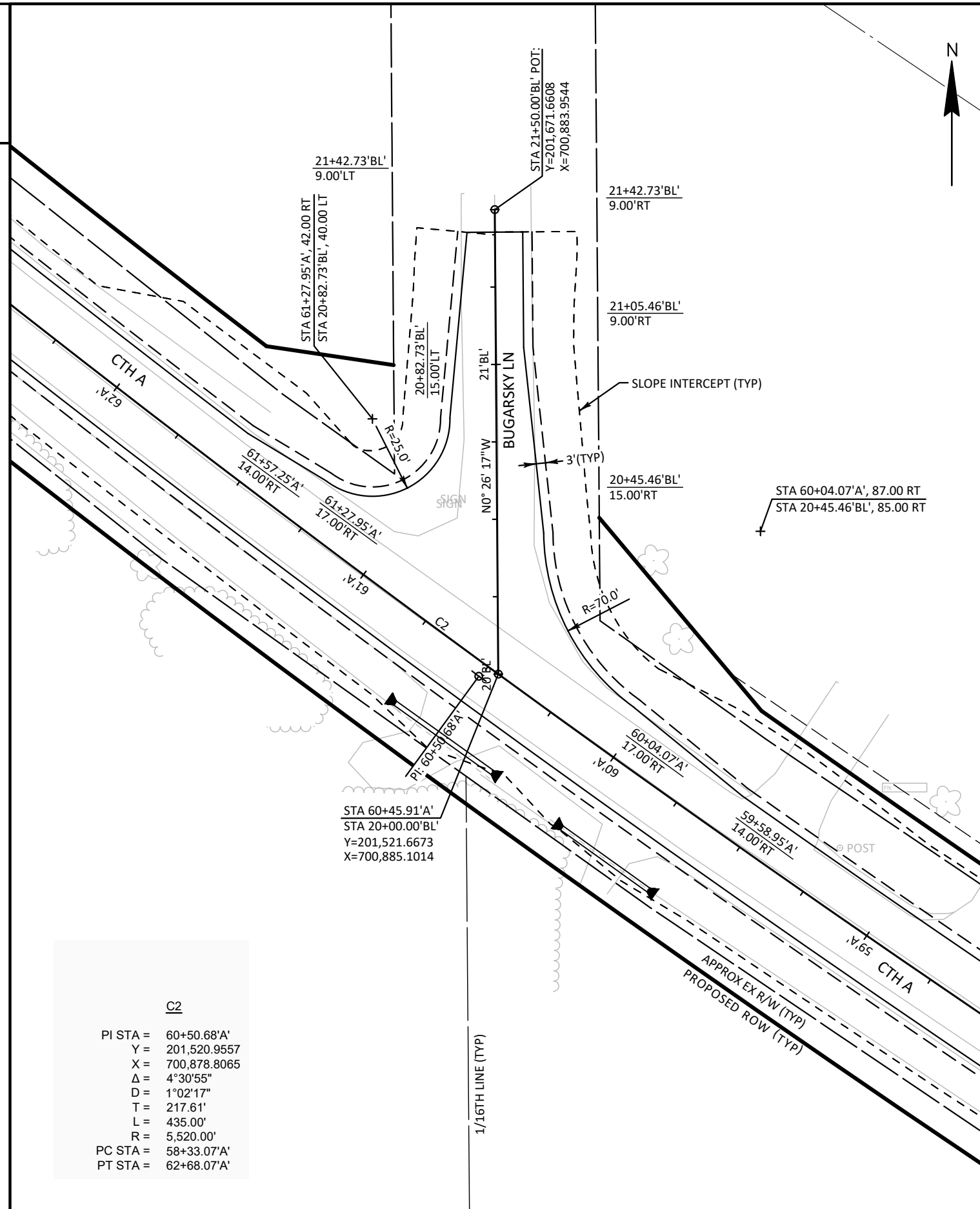
STATION	OFFSET	ELEVATION
125+50	LT/RT	731.80
125+75	LT/RT	732.31
126+00	LT/RT	732.81
126+25	LT/RT	733.28
126+50	LT/RT	733.74
126+75	LT/RT	734.17
127+00	LT/RT	734.59
127+25	LT/RT	734.99
127+50	LT/RT	735.37
127+75	LT/RT	735.73
128+00	LT/RT	736.08
128+25	LT/RT	736.40
128+50	LT/RT	736.71
128+75	LT/RT	736.99
129+00	LT/RT	737.26
129+25	LT/RT	737.51
129+50	LT/RT	737.74
129+75	LT/RT	737.95
130+00	LT/RT	738.14
130+25	LT/RT	738.30
130+50	LT/RT	738.38
130+75	LT/RT	738.45
131+00	LT/RT	738.53
131+25	LT/RT	738.60
131+50	LT/RT	738.68
131+75	LT/RT	738.75
132+00	LT/RT	738.83
132+25	LT/RT	738.90
132+50	LT/RT	738.98
132+75	LT/RT	739.05
133+00	LT/RT	739.13
133+25	LT/RT	739.20
133+50	LT/RT	739.28
133+75	LT/RT	739.35
134+00	LT/RT	739.43

STATION	OFFSET	ELEVATION
223+00	LT	804.99
223+25	LT	804.60
223+50	LT	804.18
223+75	LT	803.73
224+00	LT	803.26
224+25	LT	802.75
224+50	LT	802.21
224+75	LT	801.65
225+00	LT	801.10
225+25	LT	800.55
225+50	LT	799.99
225+75	LT	799.44
226+00	LT	798.88
226+25	LT	798.33
226+50	LT	797.77

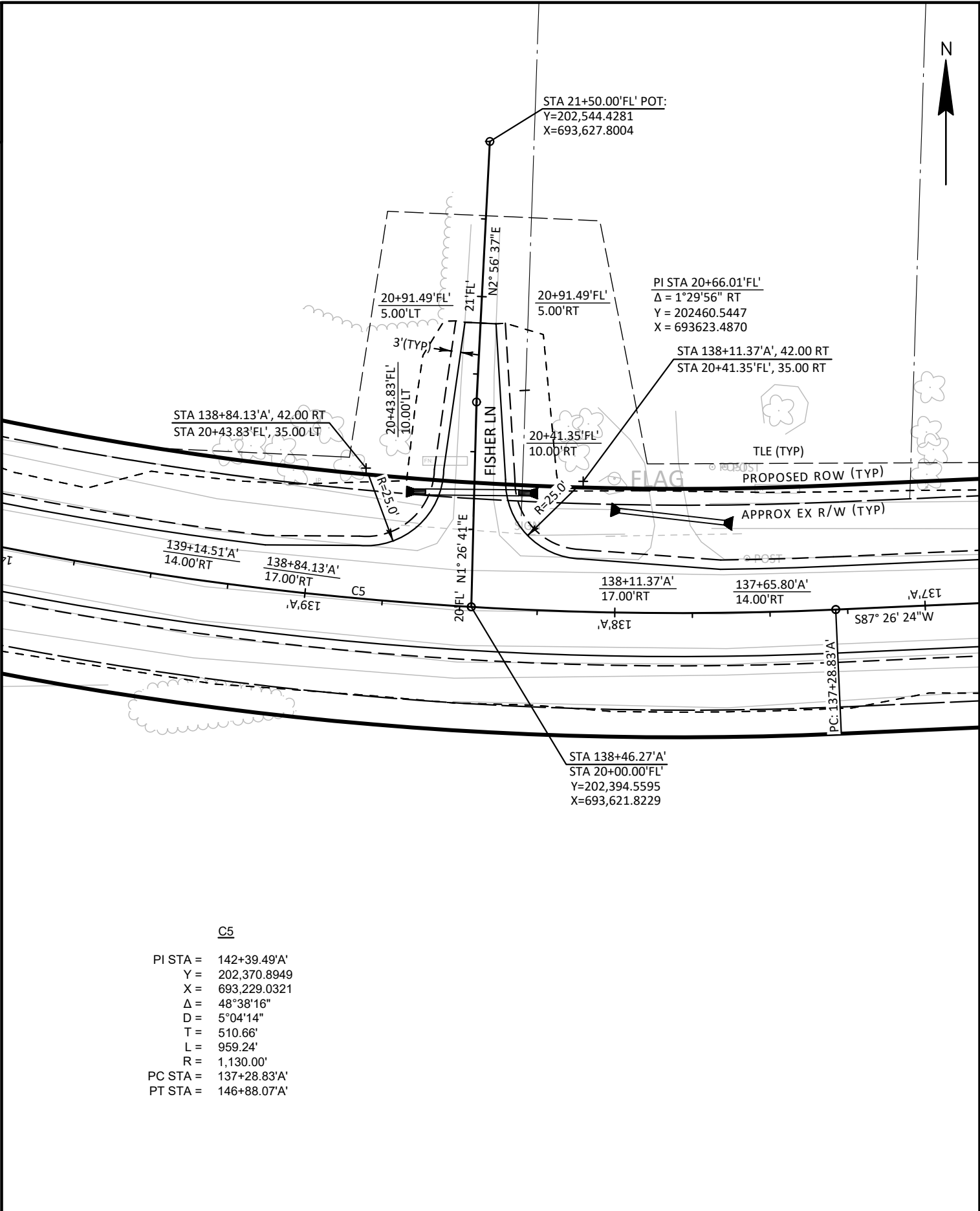
STATION	OFFSET	ELEVATION
256+25	RT	794.41
256+50	RT	795.12
256+75	RT	795.81
257+00	RT	796.50
257+25	RT	797.18
257+50	RT	797.81
257+75	RT	798.40
258+00	RT	798.93
258+25	RT	799.42
258+50	RT	799.85
258+75	RT	800.24
259+00	RT	800.57
259+25	RT	800.86
259+50	RT	801.09
259+75	RT	801.28
260+00	RT	801.41
260+25	RT	801.49
260+50	RT	801.56
260+75	RT	801.35
261+00	RT	801.14

STATION	OFFSET	ELEVATION
337+10	RT	849.60
337+50	RT	849.83
337+75	RT	849.91
338+00	RT	849.85

CONCRETE CURB & GUTTER - ELEVATION DATA
(ELEVATION AT EDGE OF GUTTER)



2



C5

PI STA =	142+39.49'A
Y =	202,370.8949
X =	693,229.0321
Δ =	48°38'16"
D =	5°04'14"
T =	510.66'
L =	959.24'
R =	1,130.00'
PC STA =	137+28.83'A
PT STA =	146+88.07'A

C6

PI STA =	159+51.99'A
Y =	203,649.0922
X =	691,998.0290
Δ =	44° 15' 59"
D =	5° 02' 53"
T =	461.64'
L =	876.90'
R =	1,135.00'
PC STA =	154+90.35'A
PT STA =	163+67.25'A

PI STA = 159+51.99'A'
Y = 203,649.0922
X = 691,998.0290
 $\Delta = 44^{\circ}15'59''$
D = 5°02'53"
T = 461.64'
L = 876.90'
R = 1,135.00'

PC STA = 154+90.35'A'
PT STA = 163+67.25'A'

PC STA = 154+90.35'A'
PT STA = 163+67.25'A'

STA 18+25.00' ML' POT:
Y=203,167.5799
X=692,290.6787

PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

INTERSECTION DETAILS: FISHER LANE, MAZUR LANE, SMITH CREEK ROAD

SHEET

19

1

2

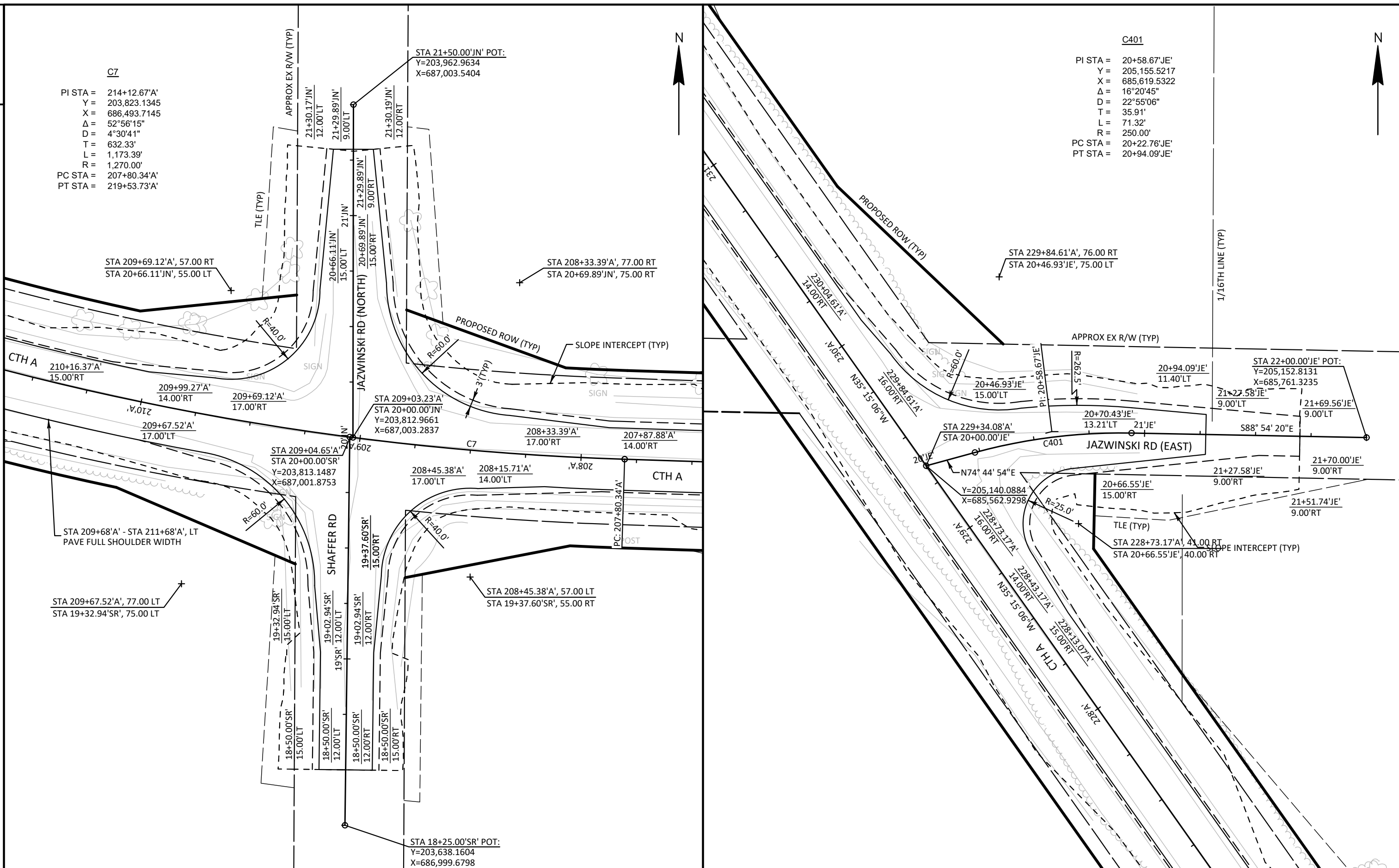
PI STA = 214+12.67'A'
Y = 203.823.1345
X = 686.493.7145
 Δ = 52°56'15"
D = 4°30'41"
T = 632.33'
L = 1,173.39'
R = 1,270.00'

PC STA = 207+80.34'A'
PT STA = 219+53.73'A'

STA 21+50.00'JN' POT:
Y=203,962.9634
X=687,003.5404

PI STA = 20+58.67'JE'
Y = 205,155.5217
X = 685,619.5322
 Δ = 16°20'45"
D = 22°55'06"
T = 35.91'
L = 71.32'
R = 250.00'
PC STA = 20+22.76'JE'
PT STA = 20+94.09'JE'

2



PROJECT NO:	9258-05-73
-------------	------------

HWY: CTH A

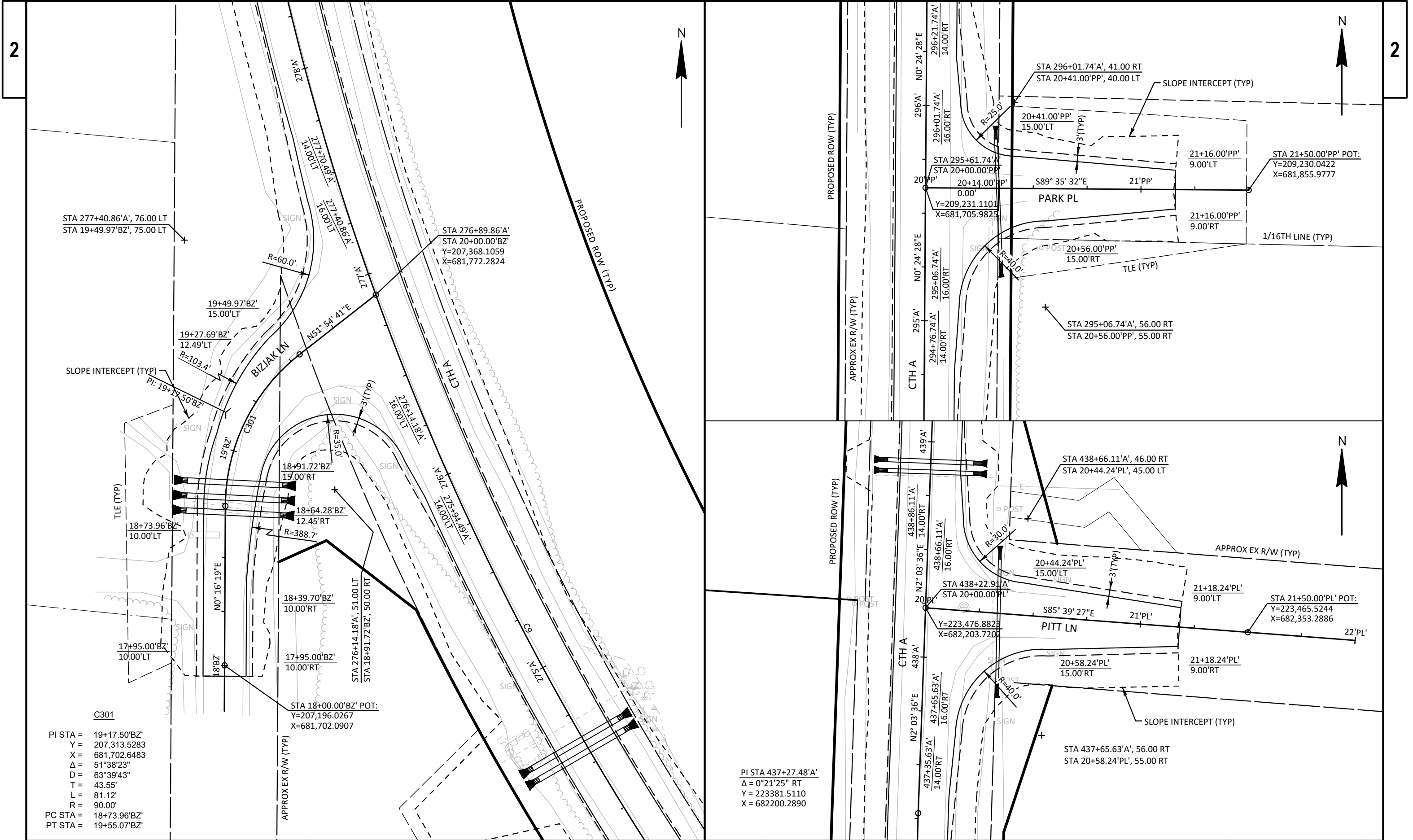
COUNTY: MARINETTE

INTERSECTION DETAILS: JAZWINSKI ROAD (NORTH), JAZWINSKI ROAD (EAST)

SHEET

20

E



C301
PI STA = 19+17.50'BZ'
Y = 207,313.5283
X = 681,702.6483
Δ = 51°38'23"
D = 63°39'43"
T = 43.55'
L = 81.12'
R = 90.00'
PC STA = 18+73.96'BZ'
PT STA = 19+55.07'BZ'

PI STA 437+27.48'A'
Δ = 0°21'25" RT
Y = 223381.5110
X = 682200.2890



EROSION CONTROL NOTES:

PLACE SALVAGED TOPSOIL, SEED, FERTILIZER AND MULCH ON ANY UNPAVED SURFACE WITHIN SLOPE INTERCEPT AREA THAT DOES NOT USE EROSION MAT.

DO NOT DRIVE EQUIPMENT OR STORE EQUIPMENT OR MATERIALS IN WETLANDS (THAT ARE DESIGNATED TO REMAIN) OR WATERWAYS.

SEE SDD "INLET PROTECTION TYPES A, B, C AND D." USE INLET PROTECTION TYPE A, B OR C AS APPROPRIATE TO CONSTRUCTION STATUS.

PLACE SILT FENCE TWO FEET FROM THE SLOPE INTERCEPT WHERE APPROPRIATE.

N

CTH A (FJST)

CTH A (NORTH AV)

FJST

BEGIN PROJECT
STA 10+00'A'

ROBERT ST

ROBERT ST

ELECTRA ST

MATCH LINE 18+00'A'

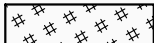
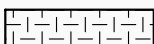
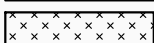
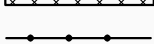
N

APPROX EX R/W (TYP)

CTH A (NORTH AV)

APPROX EX R/W (TYP)

EROSION CONTROL LEGEND

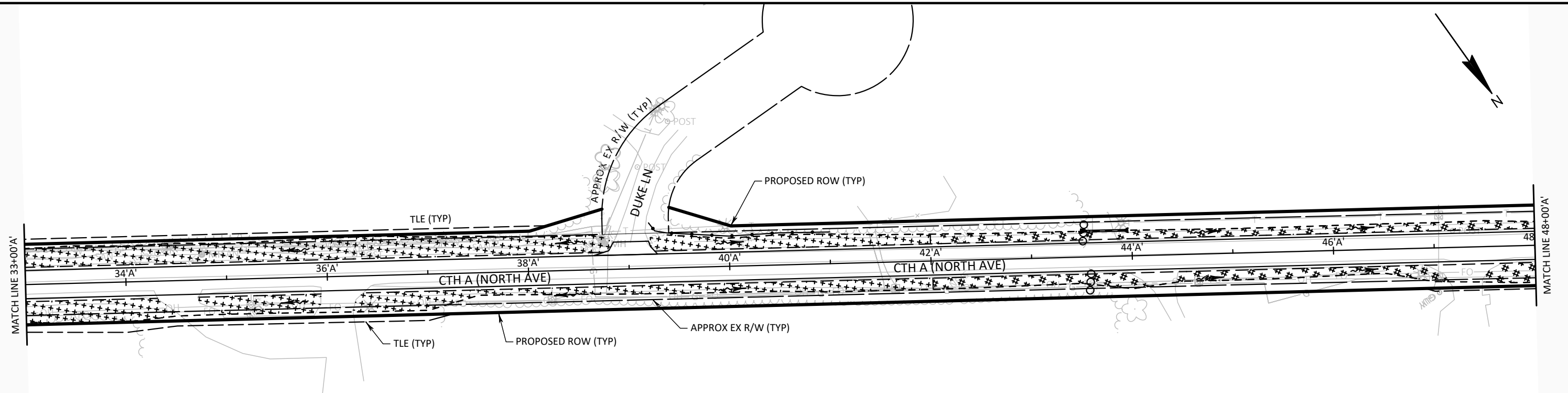
	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A)(B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)

KENNY DR

ROSA AVE

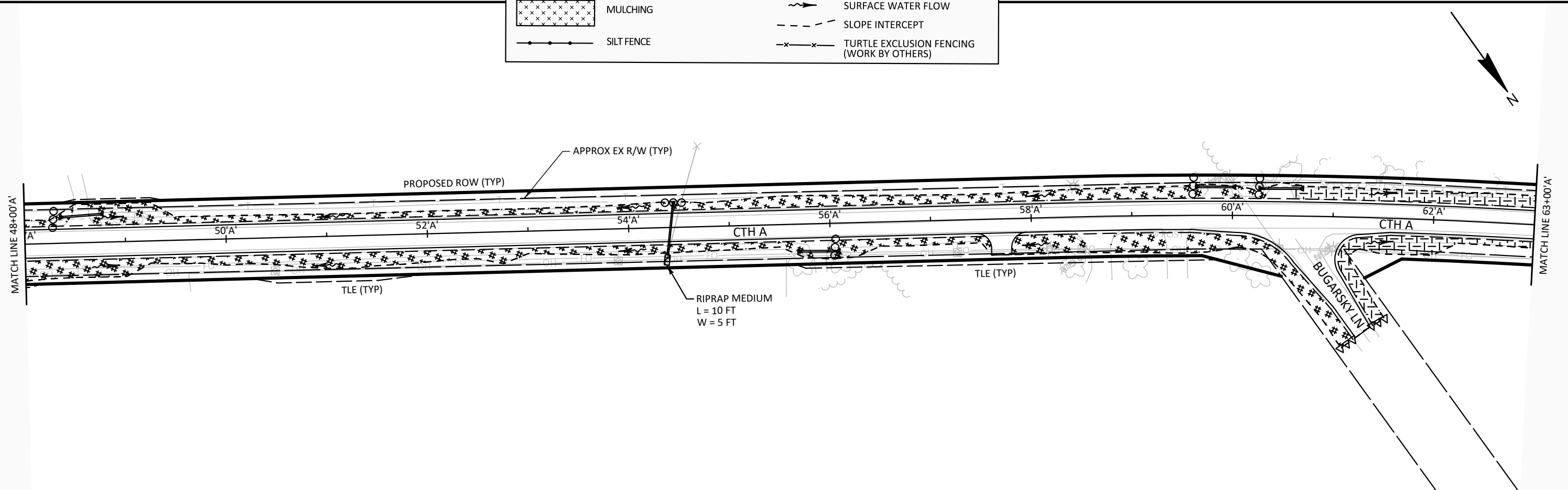
CTH A (NORTH AV)

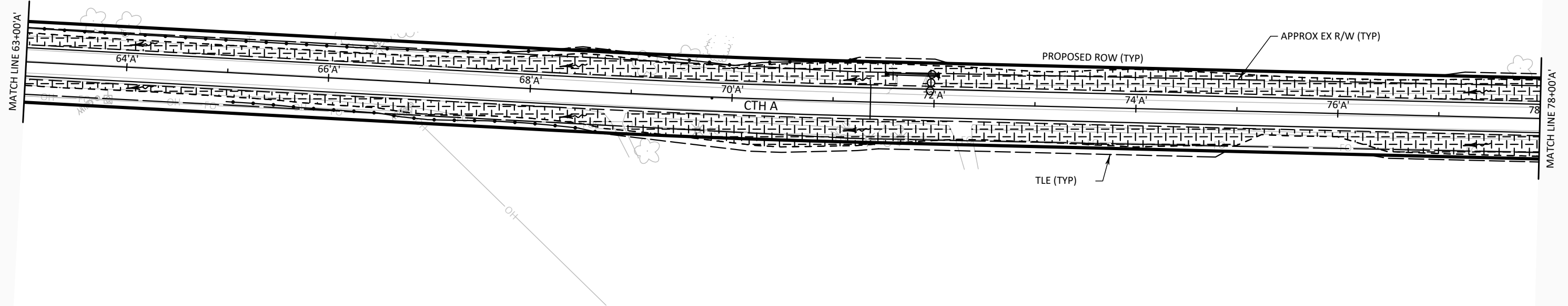
MATCH LINE 33+00'A'



EROSION CONTROL LEGEND

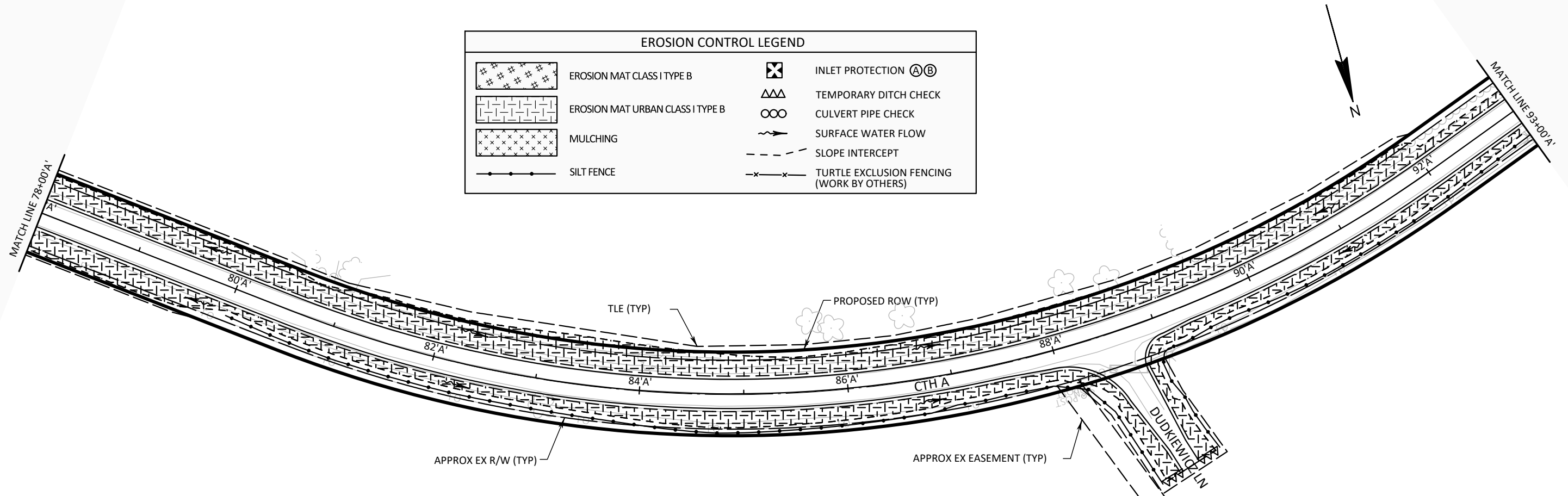
	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A) (B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)

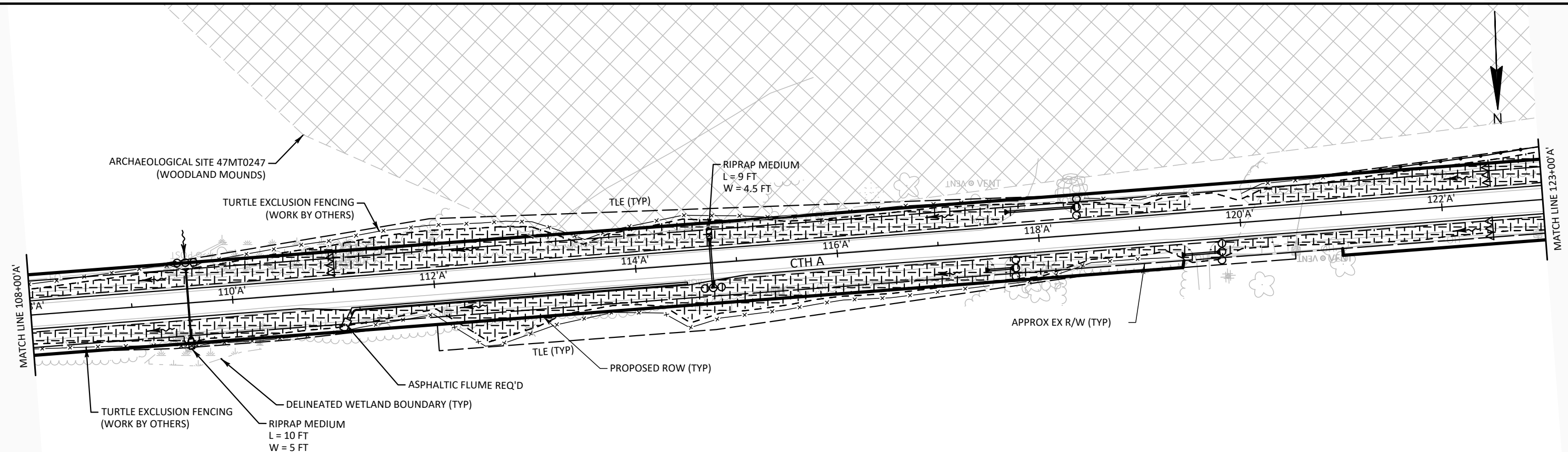
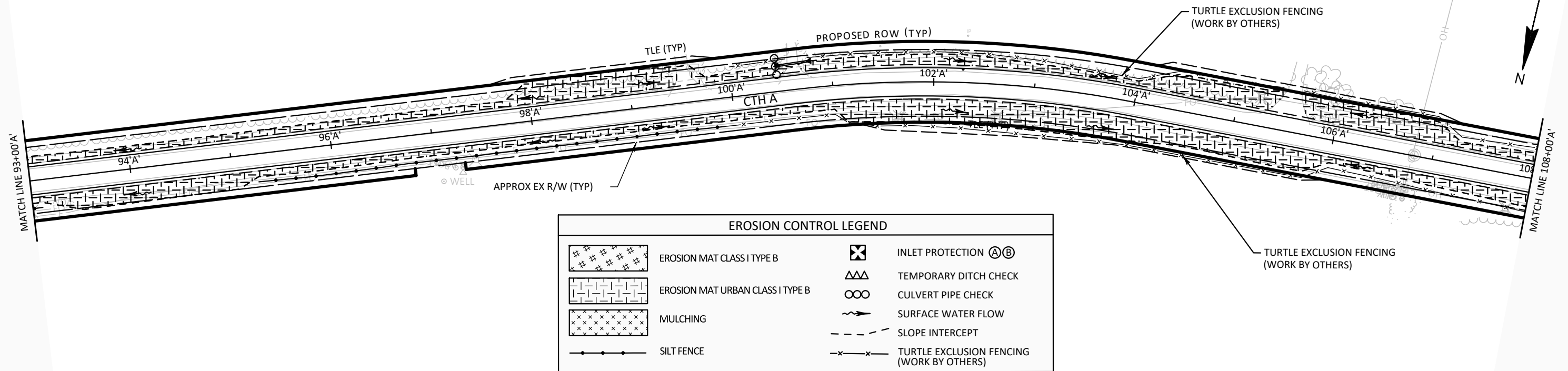


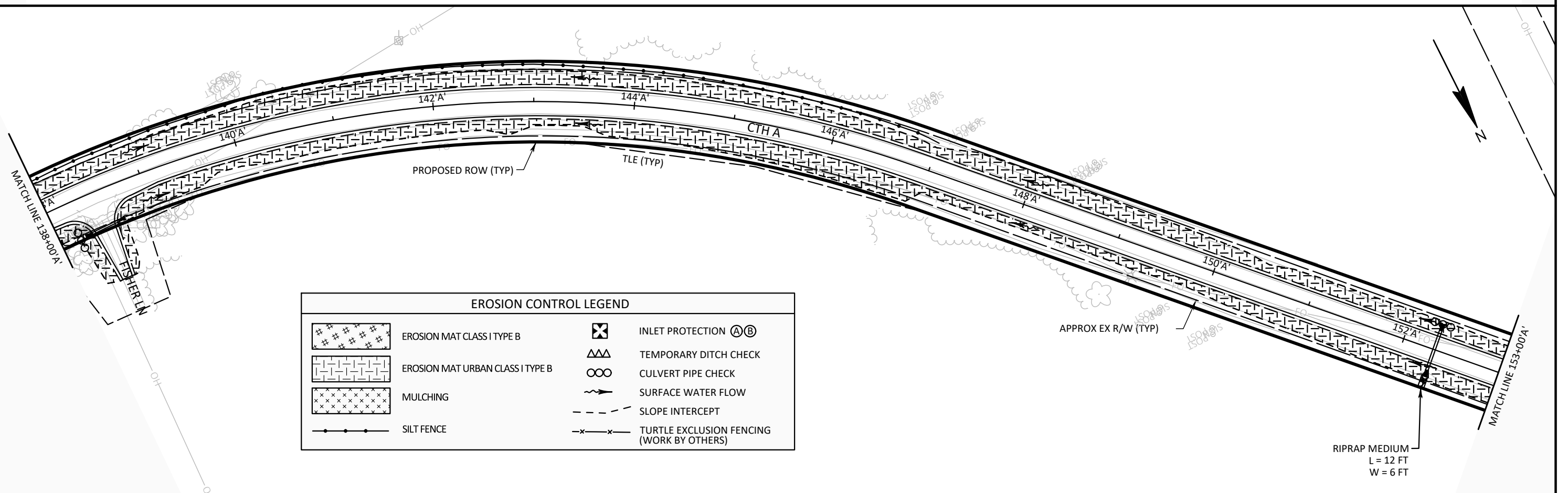
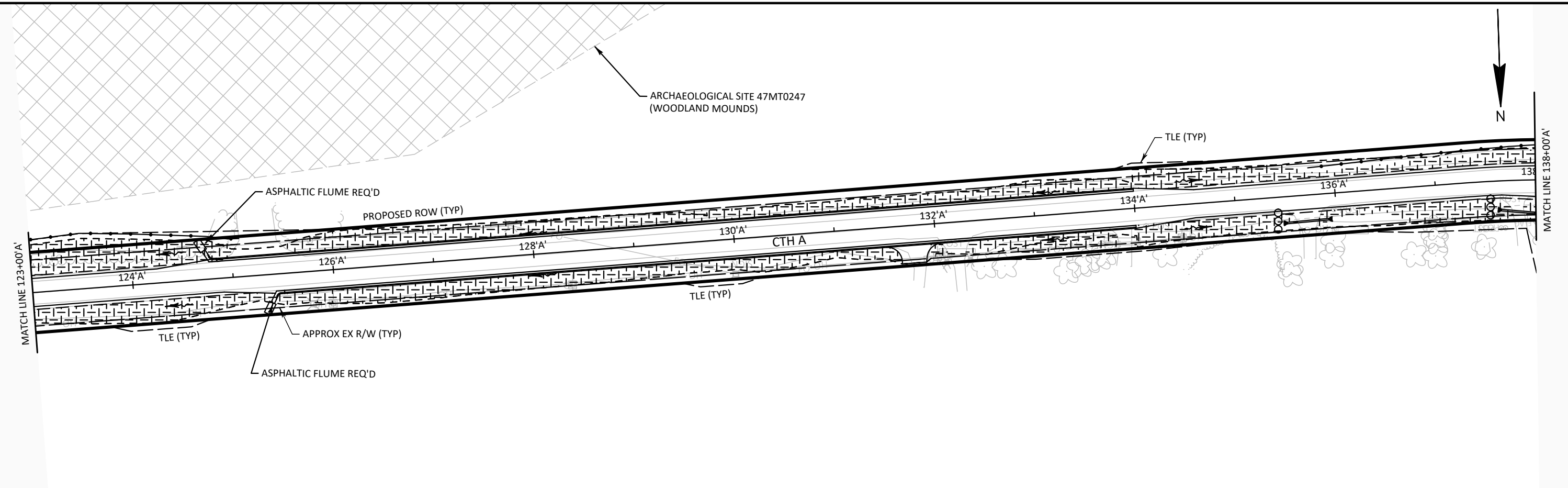


EROSION CONTROL LEGEND

	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A)(B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)

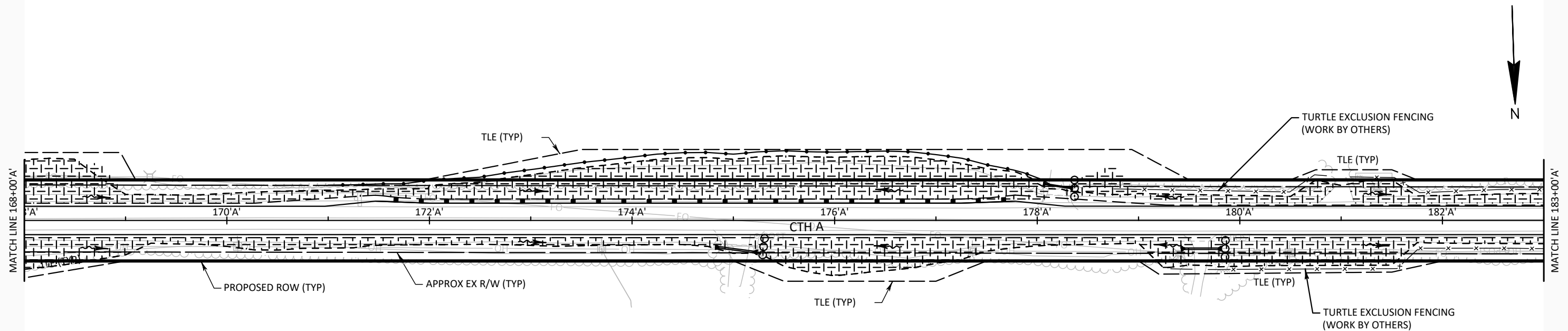
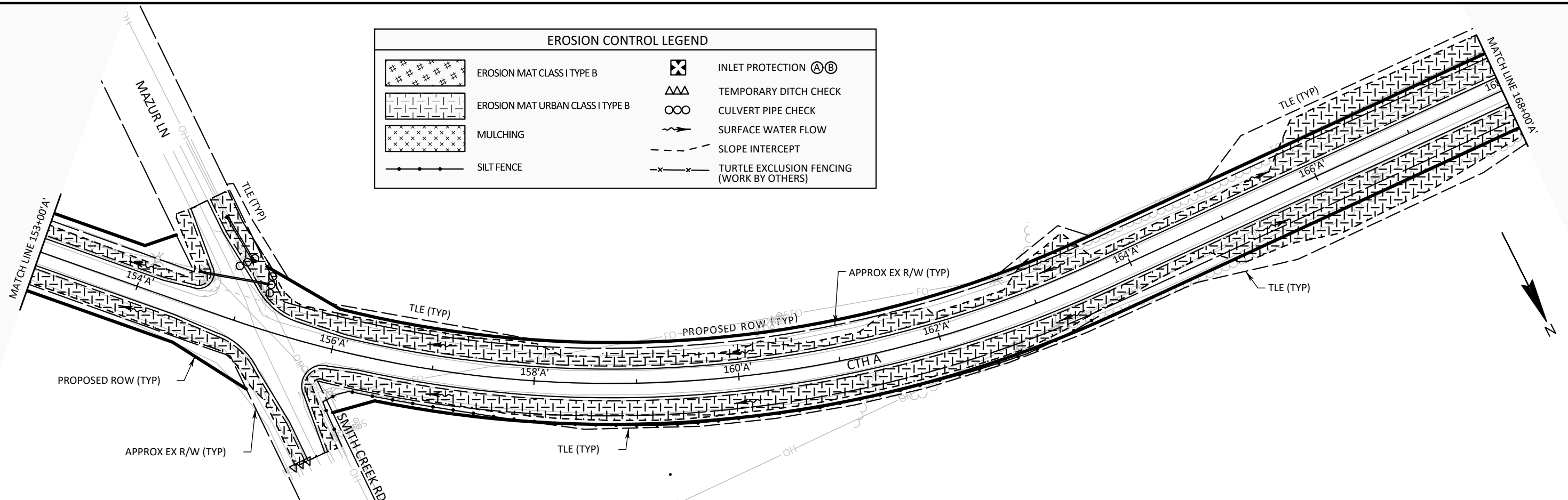


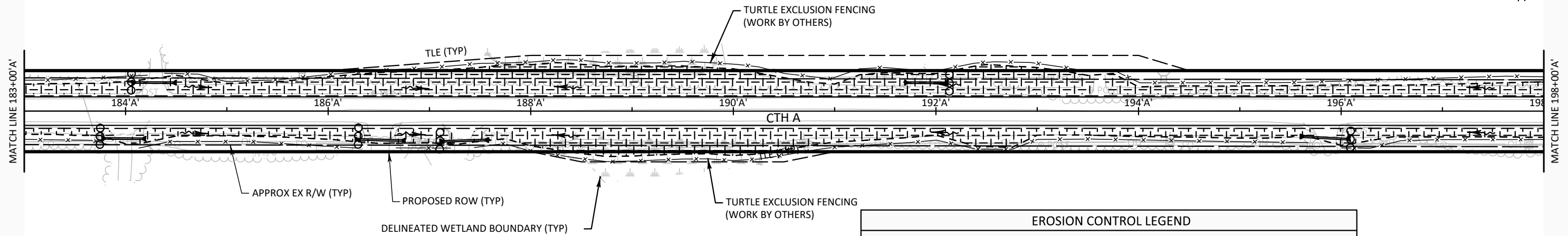




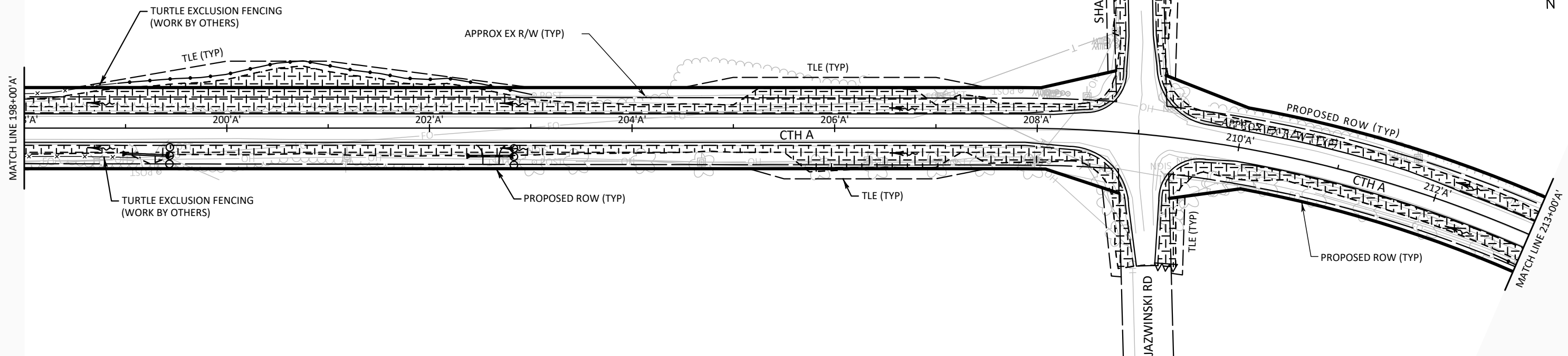
EROSION CONTROL LEGEND

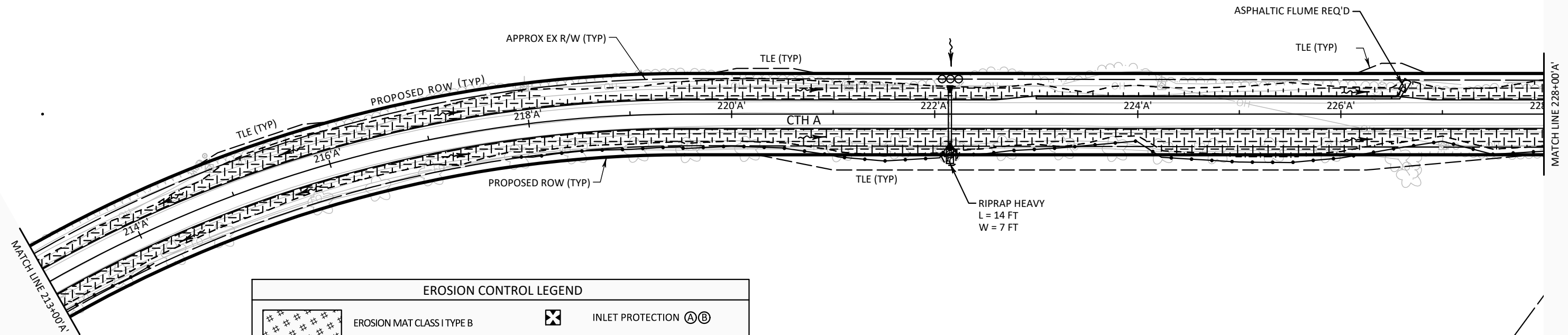
	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A)(B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)



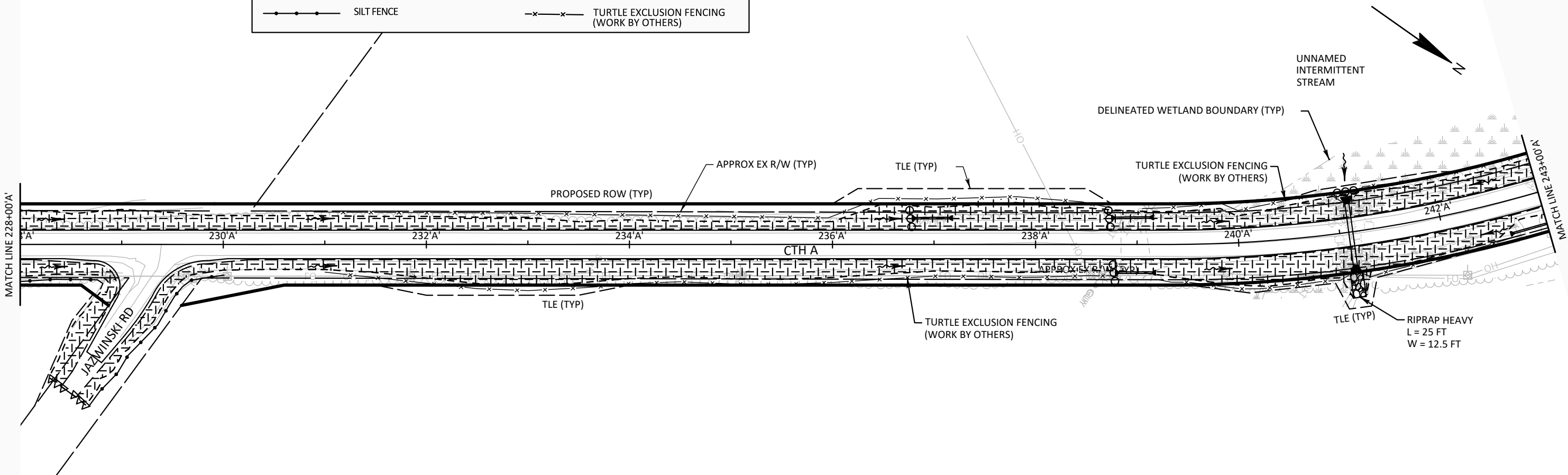


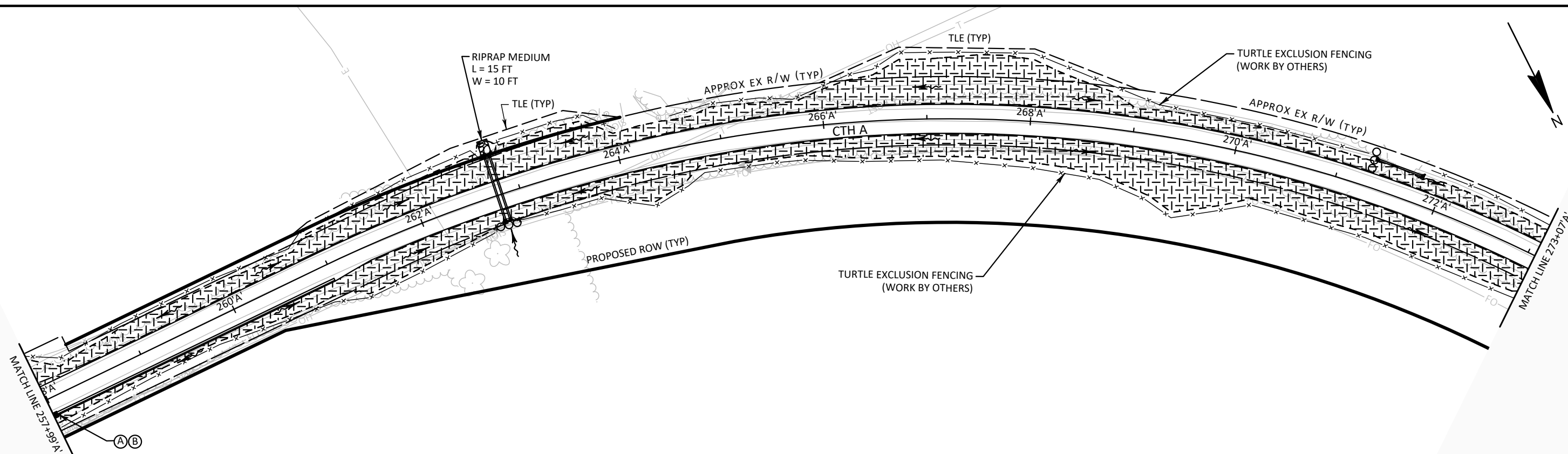
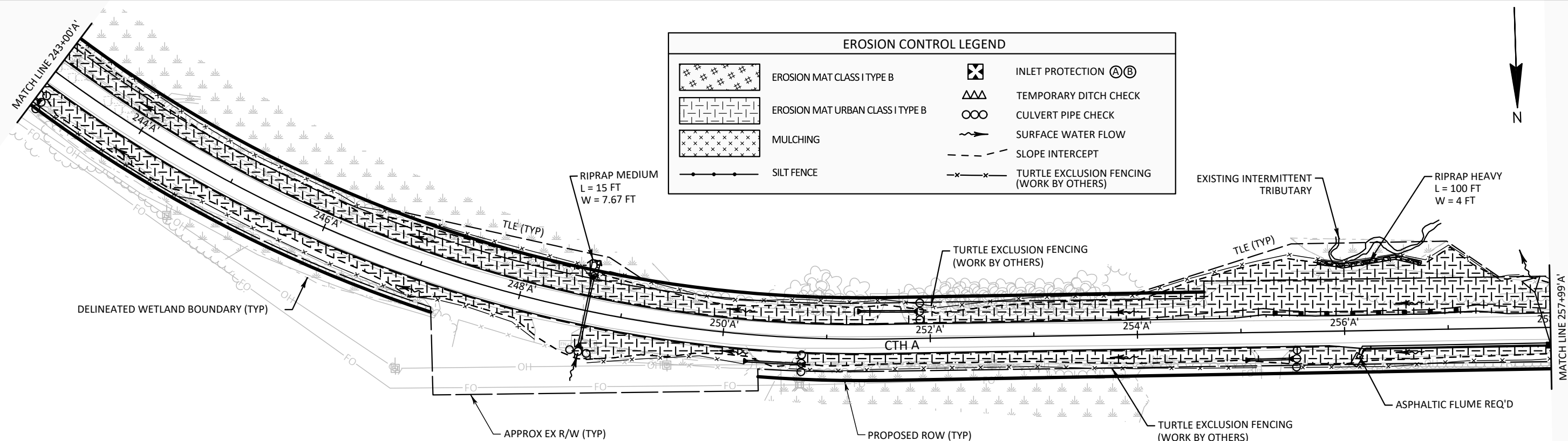
EROSION CONTROL LEGEND			
	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A)(B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)

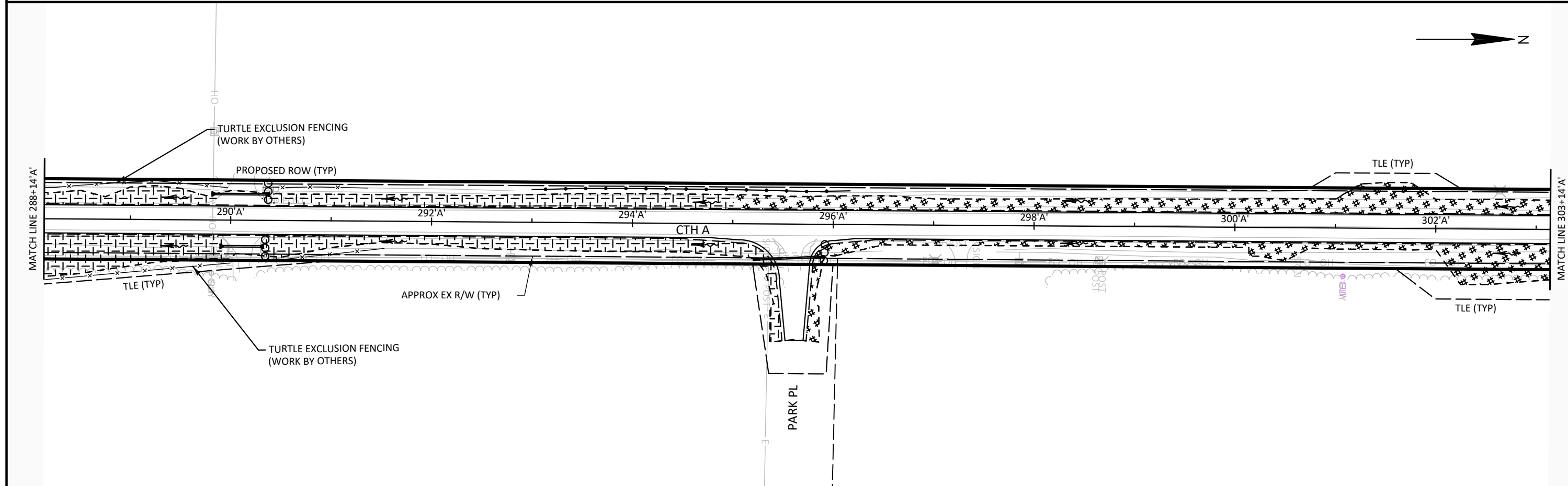


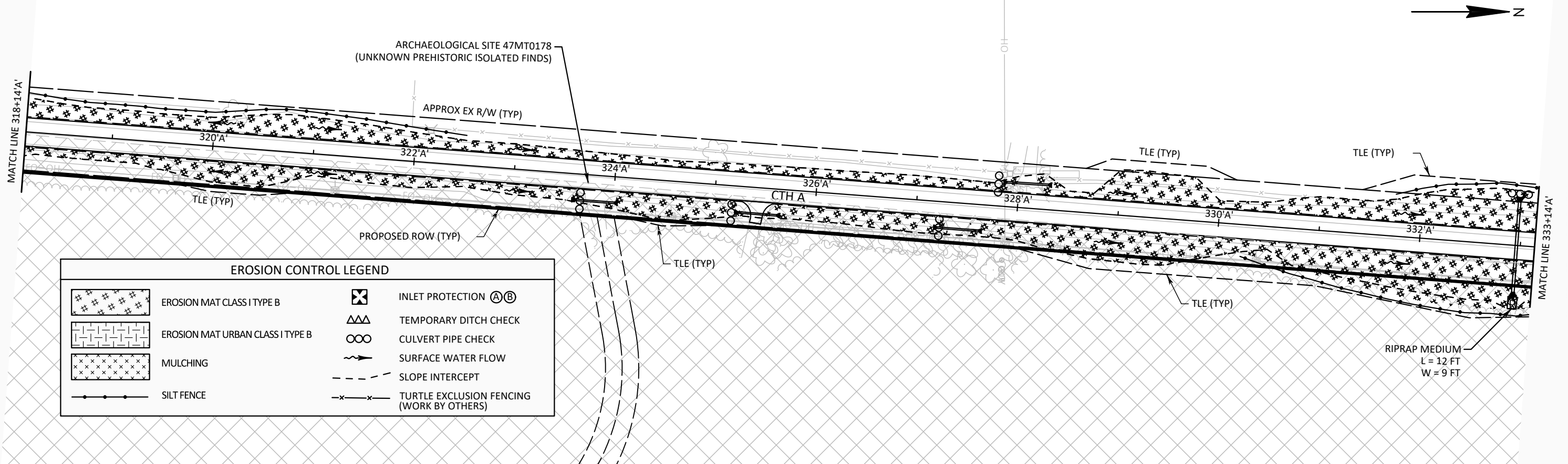
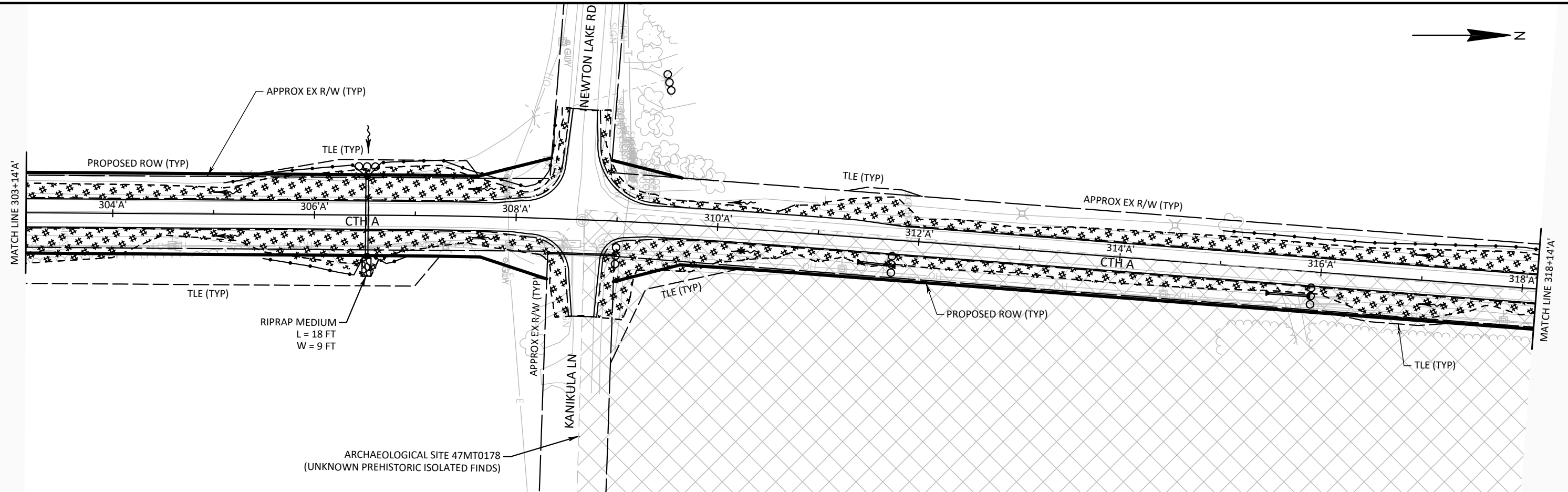


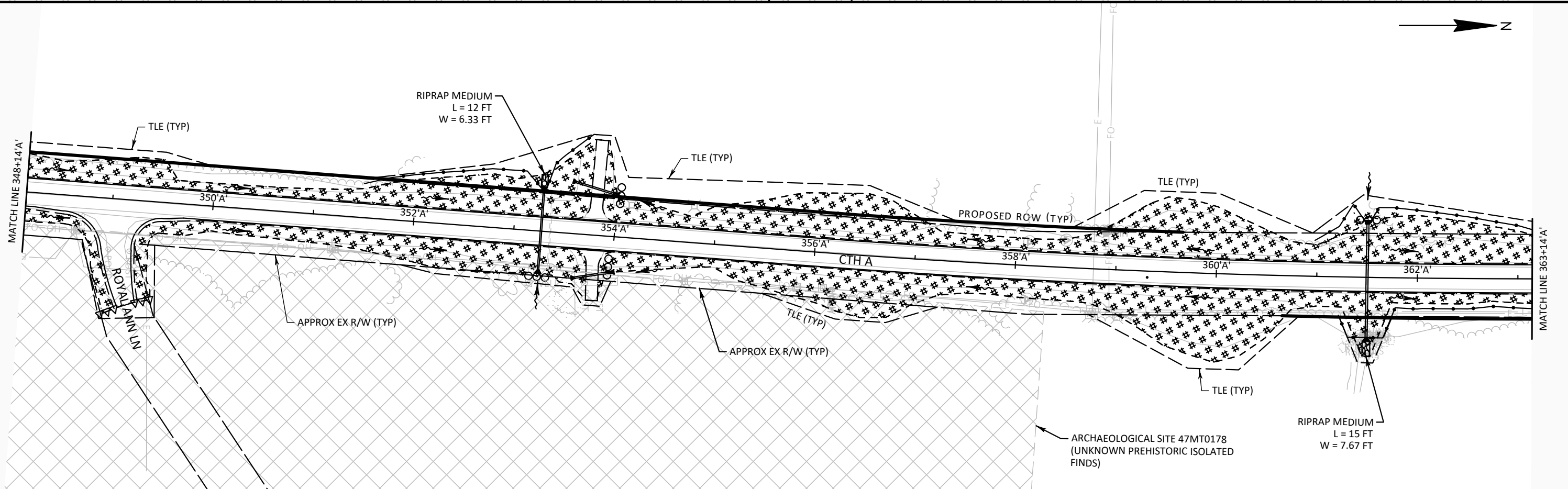
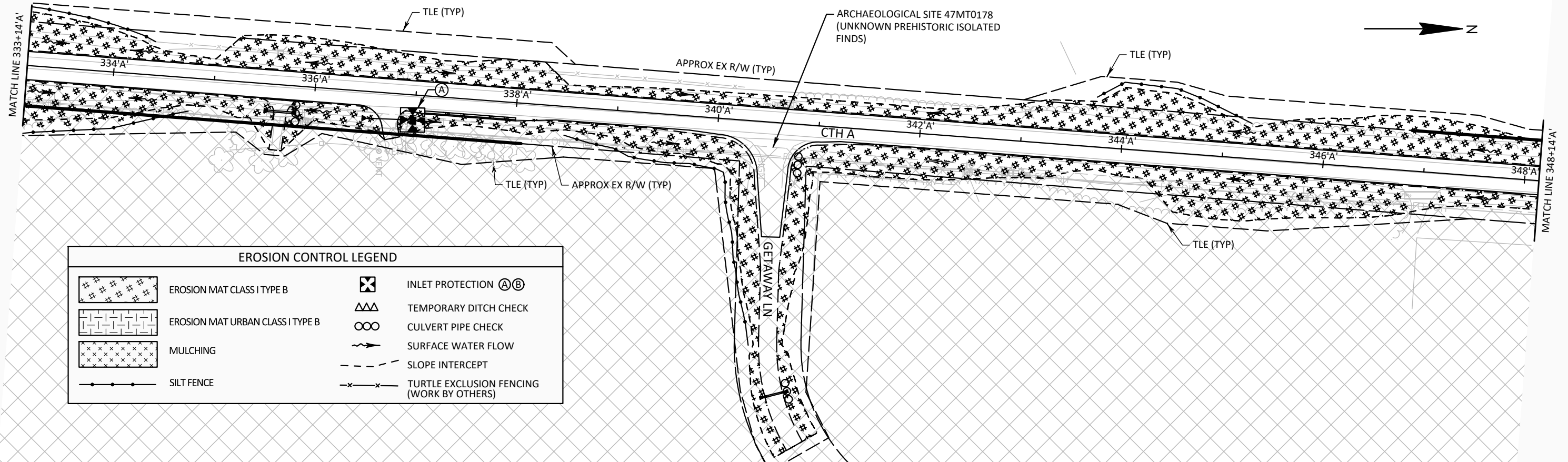
EROSION CONTROL LEGEND			
	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A) (B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)



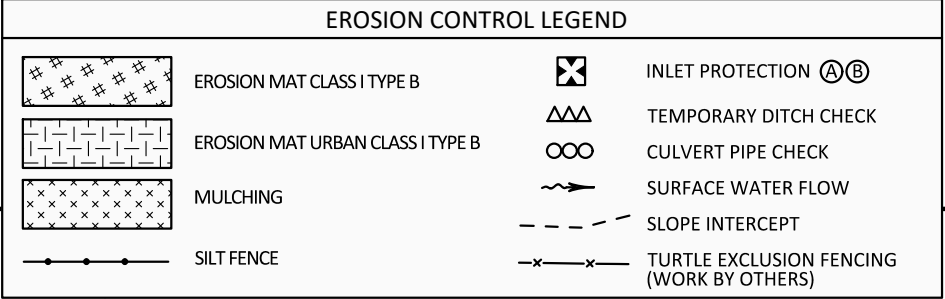


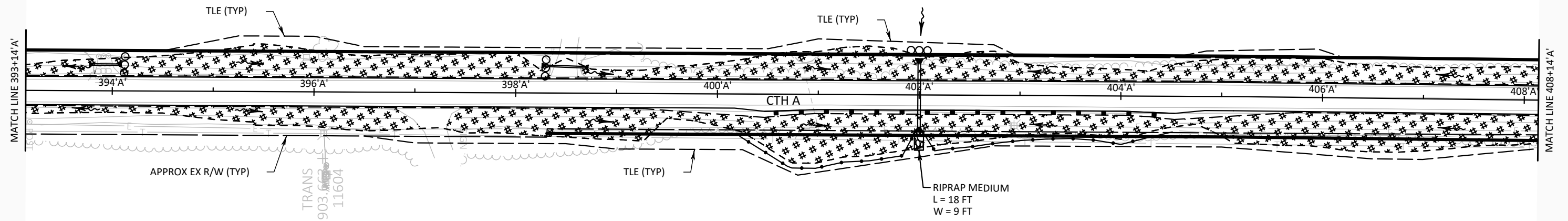




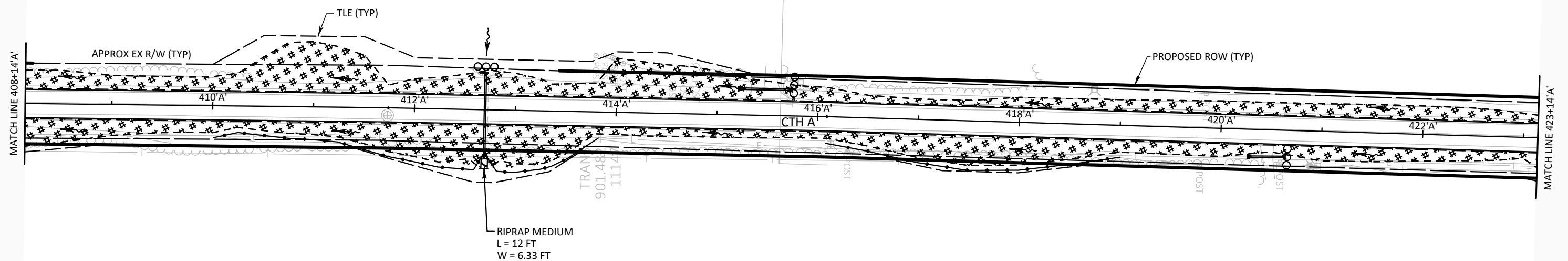


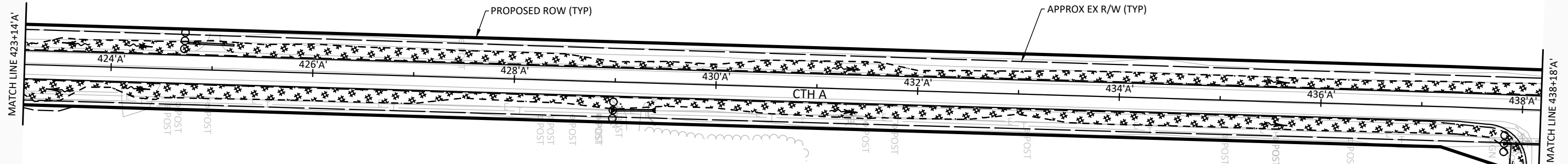
2



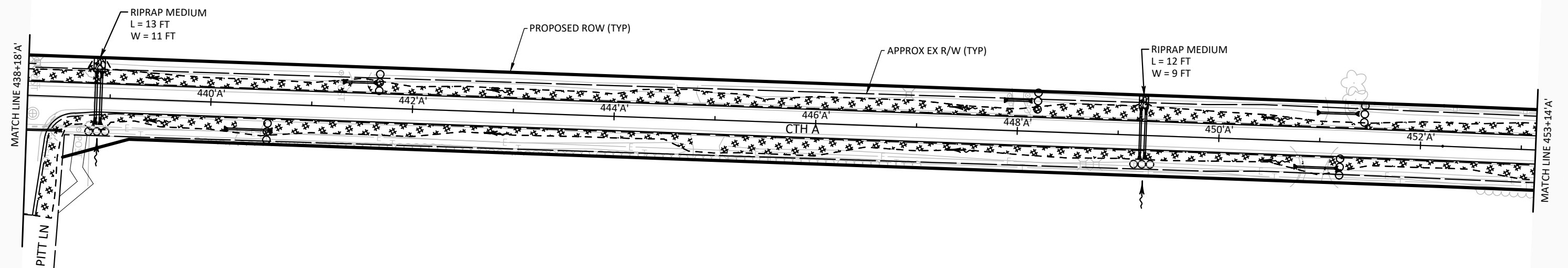


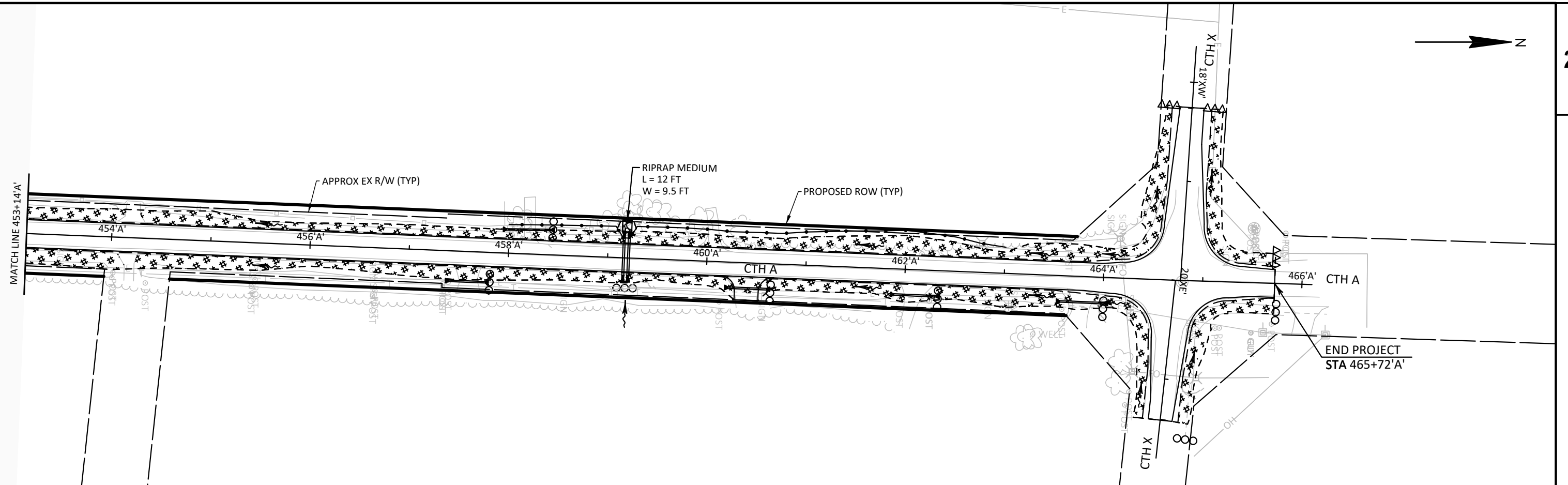
EROSION CONTROL LEGEND			
	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A) (B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)





EROSION CONTROL LEGEND			
	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A) (B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)





EROSION CONTROL LEGEND

	EROSION MAT CLASS I TYPE B		INLET PROTECTION (A)(B)
	EROSION MAT URBAN CLASS I TYPE B		TEMPORARY DITCH CHECK
	MULCHING		CULVERT PIPE CHECK
	SILT FENCE		SURFACE WATER FLOW
			SLOPE INTERCEPT
			TURTLE EXCLUSION FENCING (WORK BY OTHERS)

CTH A (NORTH AV)

PAVEMENT MARKING LEGEND

- 1 MARKING LINE EPOXY 6-INCH (YELLOW)
- 2 MARKING LINE EPOXY 6-INCH (WHITE)

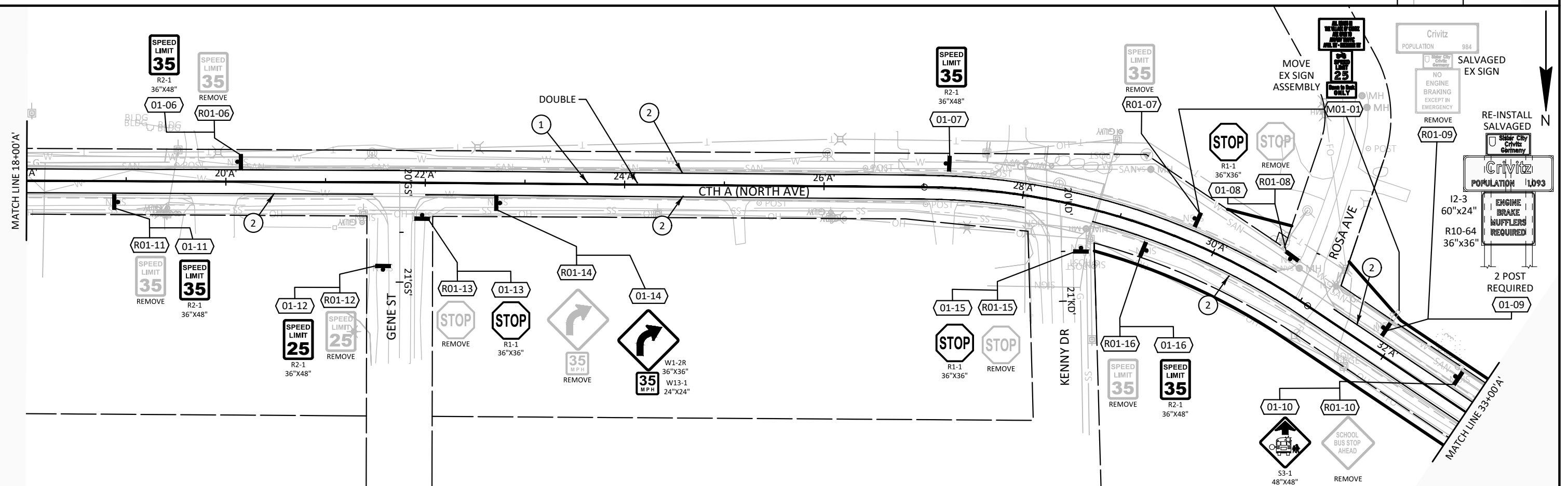
CTH A (F J ST)

F J ST

BEGIN PROJECT
BEGIN MARKING
STA 10+00.0'A'
MATCH EX EDGE &
CENTER LINES

PERMANENT SIGNING LEGEND

-  EXISTING SIGN MOUNTED ON WOOD POST(S)
-  PROPOSED SIGN MOUNTED ON WOOD POST(S)
-  DENOTES SIGN NUMBER
-  SIGN COUNT SEQUENCE PER PAGE
-  PAGE NUMBER
-  WORK CODE: R=REMOVE, W=WORK BY OTHERS, M=MOVE



PERMANENT SIGNING LEGEND

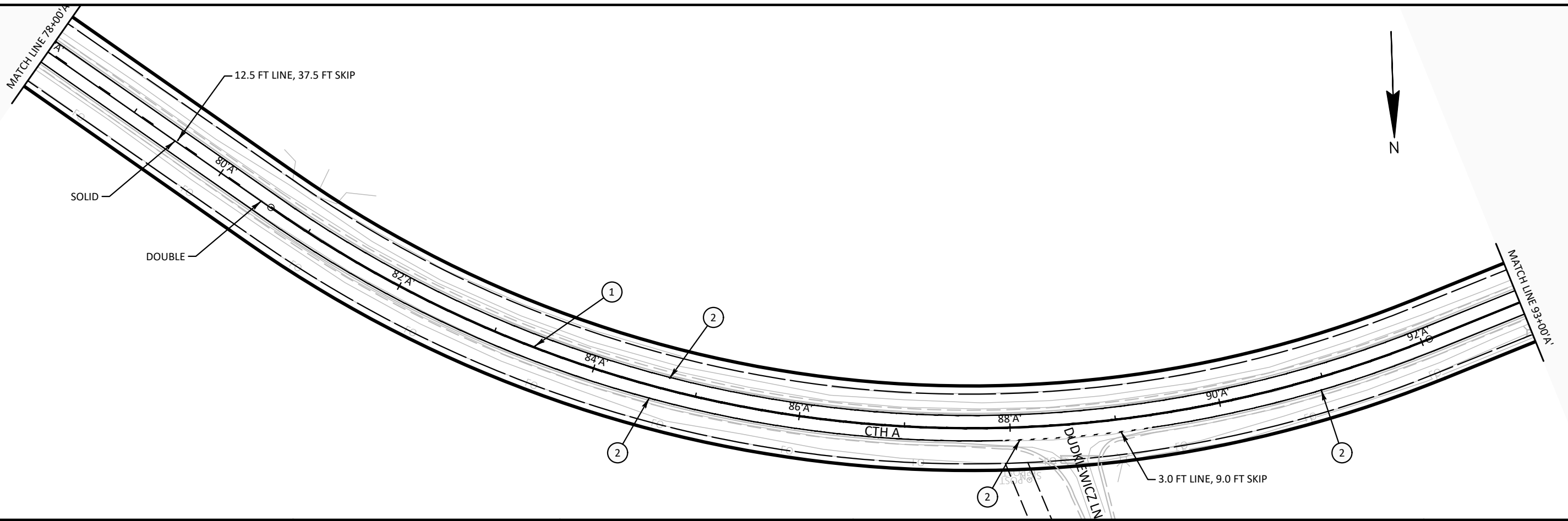
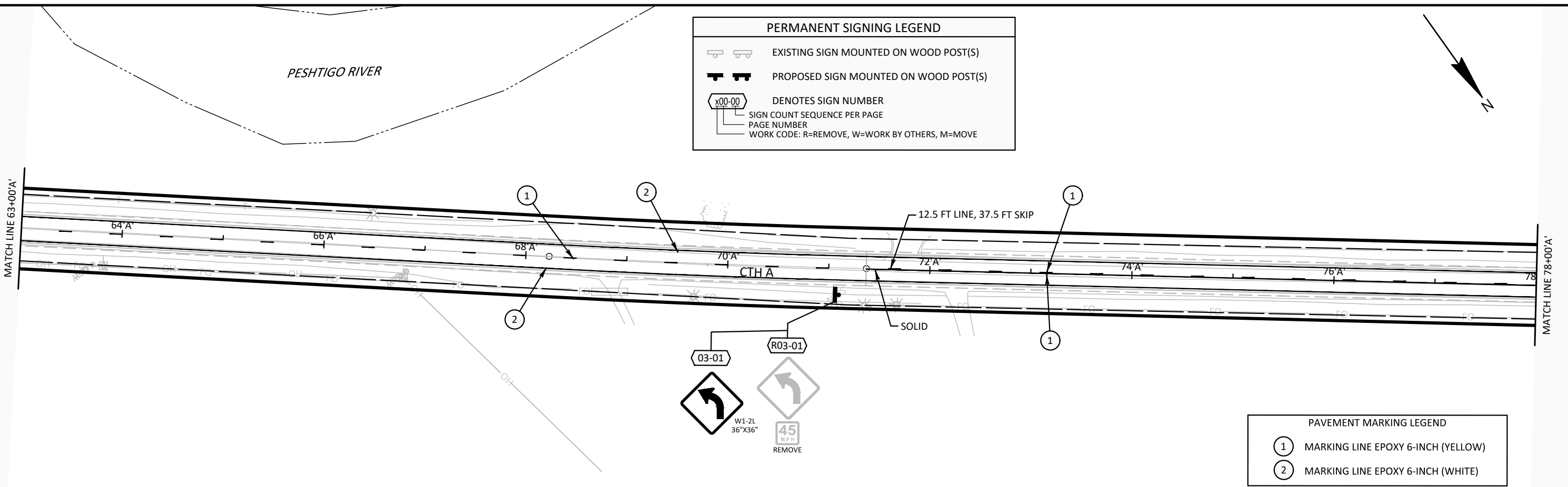
- EXISTING SIGN MOUNTED ON WOOD POST(S)
- PROPOSED SIGN MOUNTED ON WOOD POST(S)
- DENOTES SIGN NUMBER
- SIGN COUNT SEQUENCE PER PAGE
- PAGE NUMBER
- WORK CODE: R=REMOVE, W=WORK BY OTHERS, M=MOVE

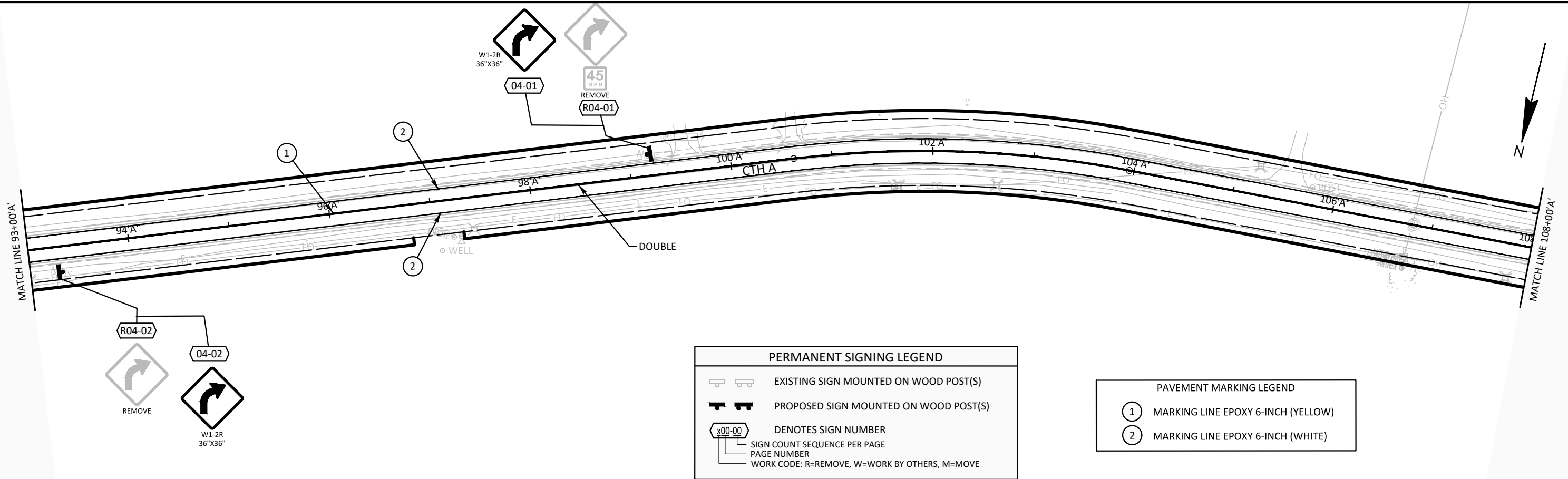
MATCH LINE 33+00.0'A'

MATCH LINE 48+00.0'A'

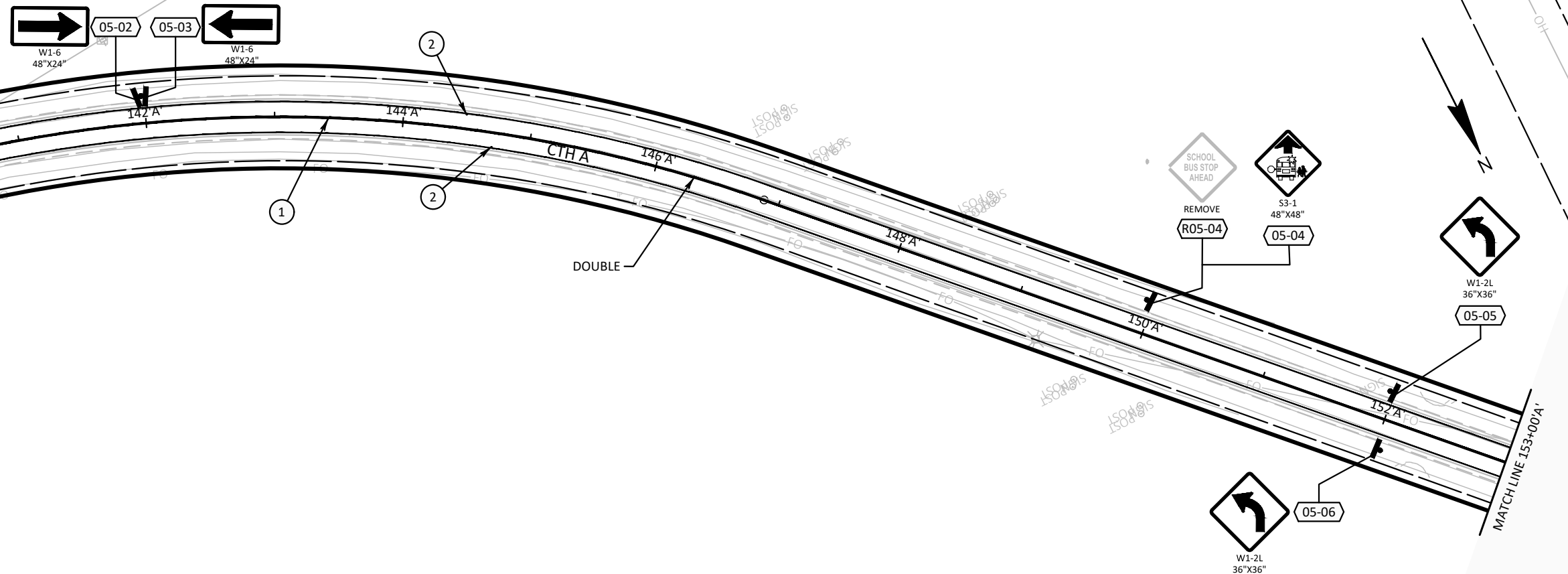
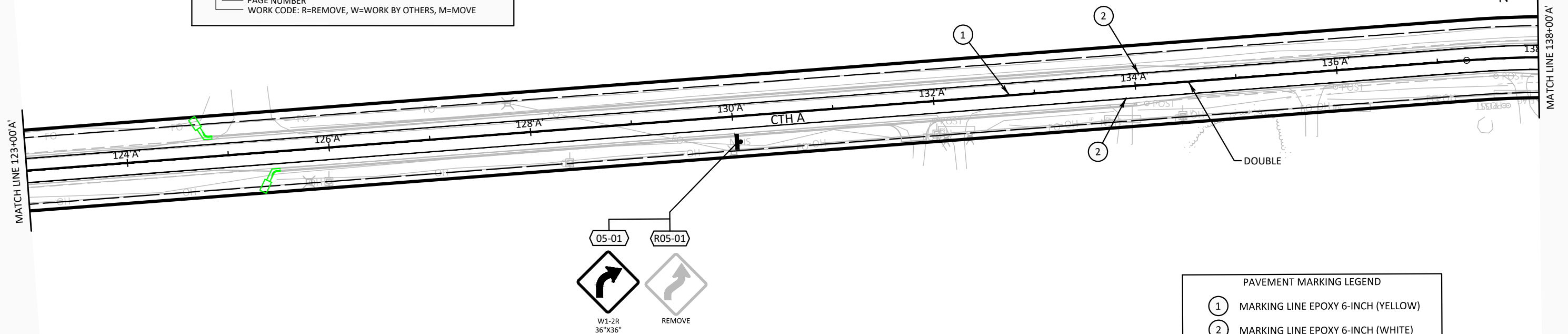
PAVEMENT MARKING LEGEND

- ① MARKING LINE EPOXY 6-INCH (YELLOW)
- ② MARKING LINE EPOXY 6-INCH (WHITE)



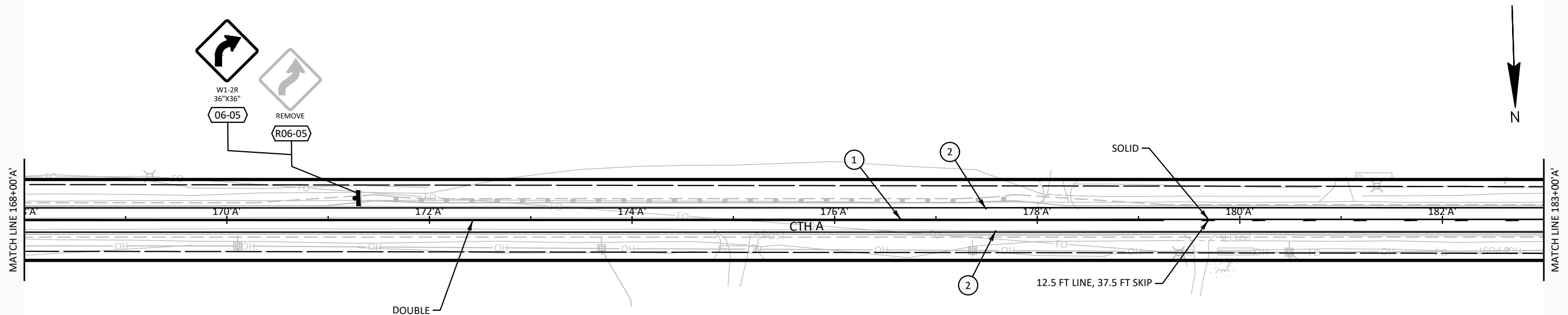
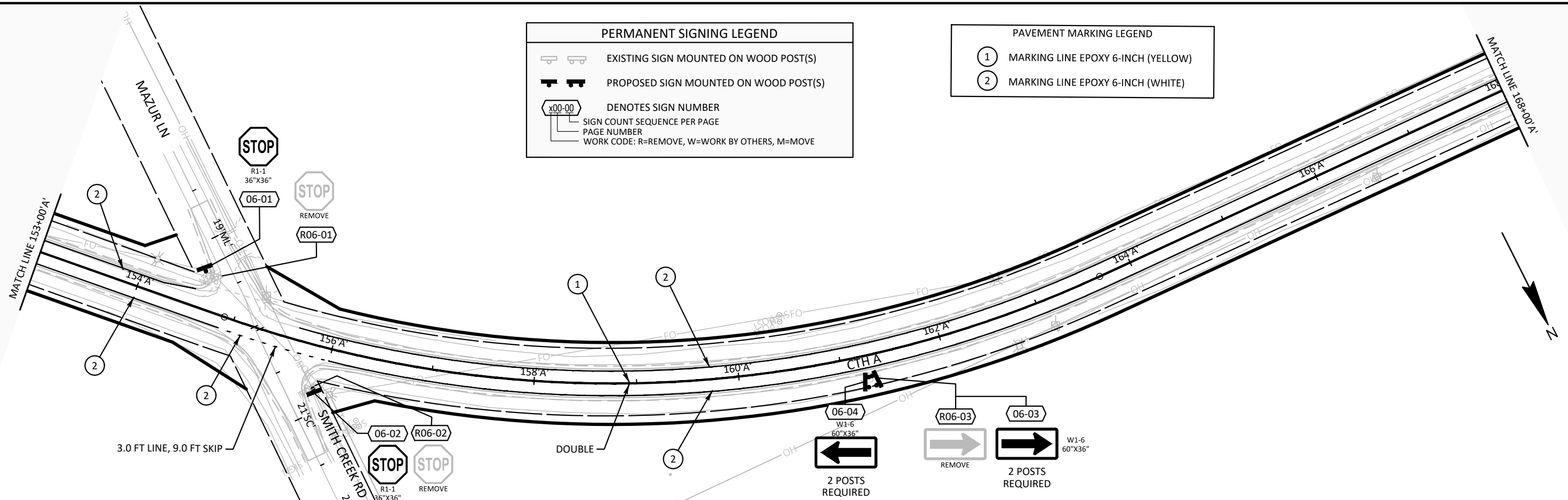


PERMANENT SIGNING LEGEND	
	EXISTING SIGN MOUNTED ON WOOD POST(S)
	PROPOSED SIGN MOUNTED ON WOOD POST(S)
	DENOTES SIGN NUMBER
	SIGN COUNT SEQUENCE PER PAGE
	PAGE NUMBER
	WORK CODE: R=REMOVE, W=WORK BY OTHERS, M=MOVE

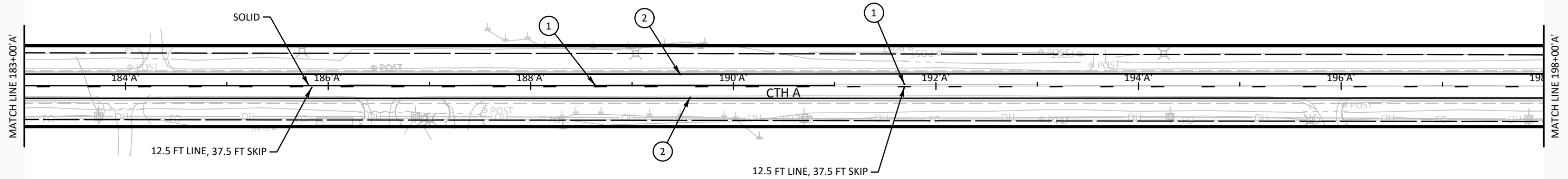


PERMANENT SIGNING LEGEND	
	EXISTING SIGN MOUNTED ON WOOD POST(S)
	PROPOSED SIGN MOUNTED ON WOOD POST(S)
	DENOTES SIGN NUMBER
	SIGN COUNT SEQUENCE PER PAGE
	PAGE NUMBER
	WORK CODE: R=REMOVE, W=WORK BY OTHERS, M=MOVE

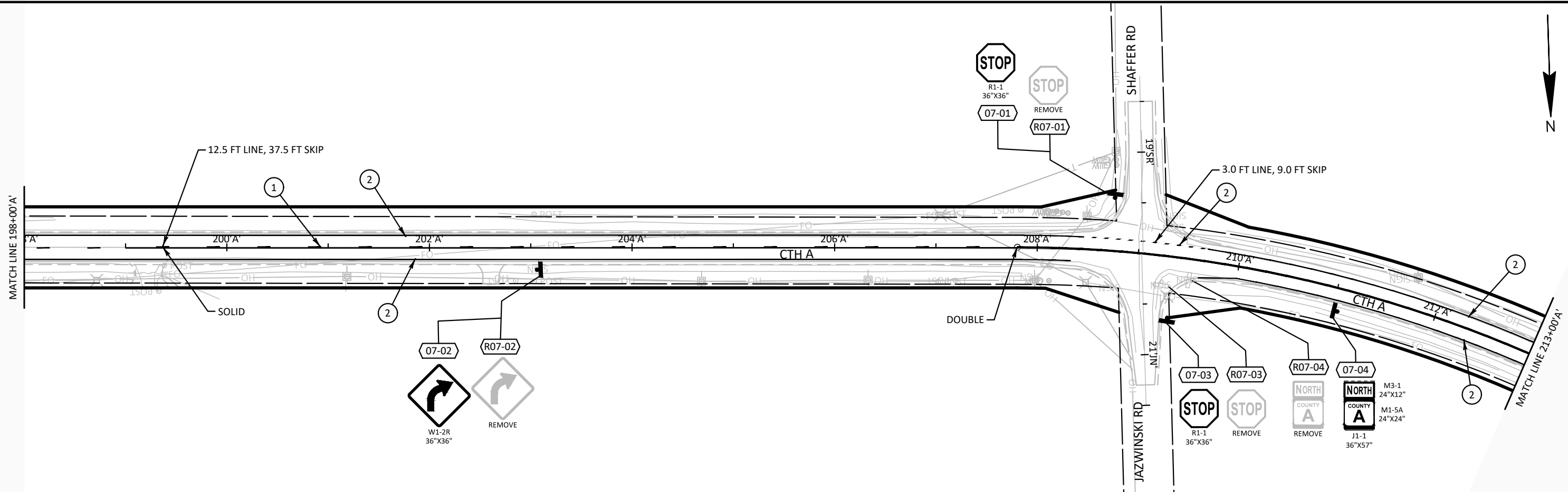
PAVEMENT MARKING LEGEND	
①	MARKING LINE EPOXY 6-INCH (YELLOW)
②	MARKING LINE EPOXY 6-INCH (WHITE)

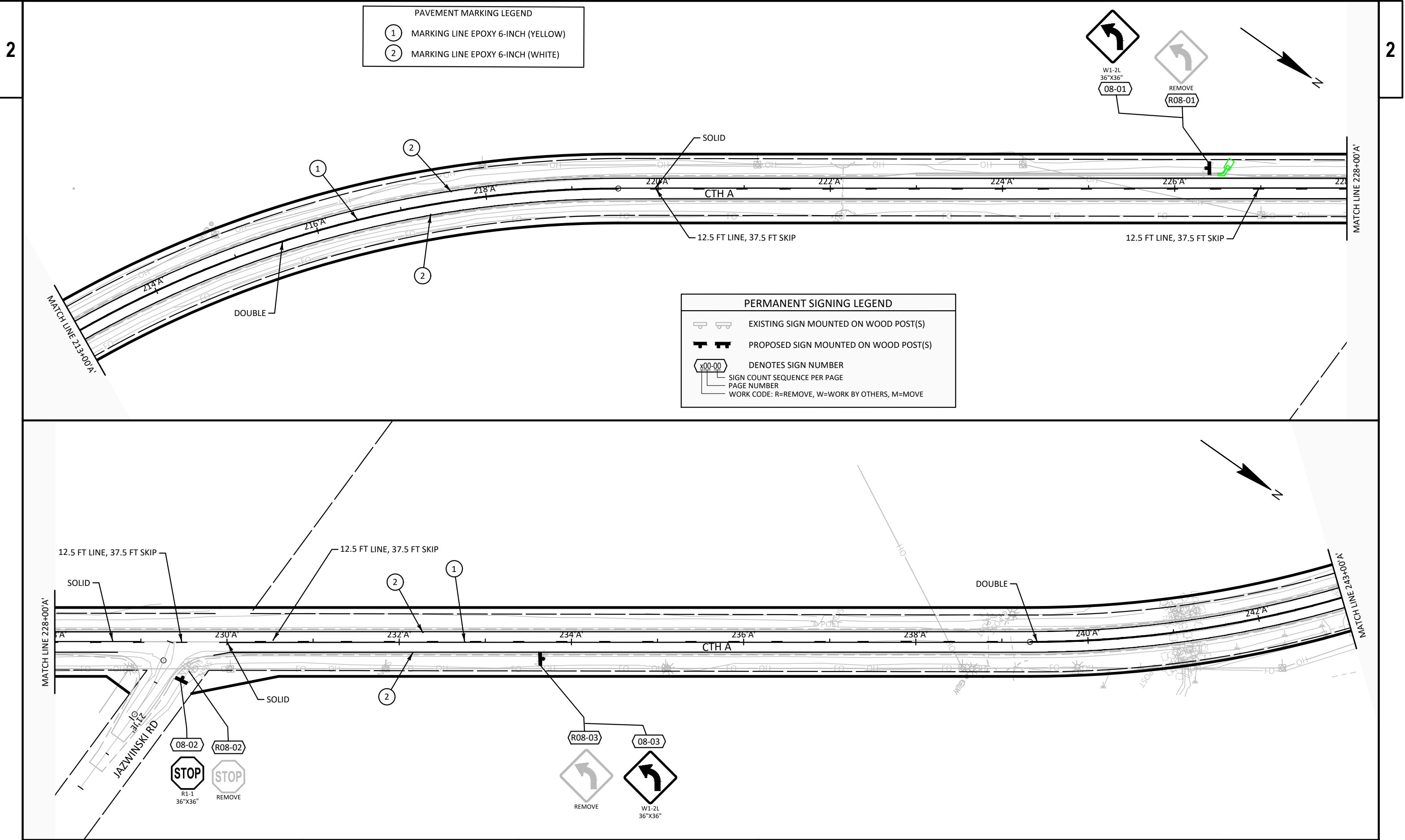


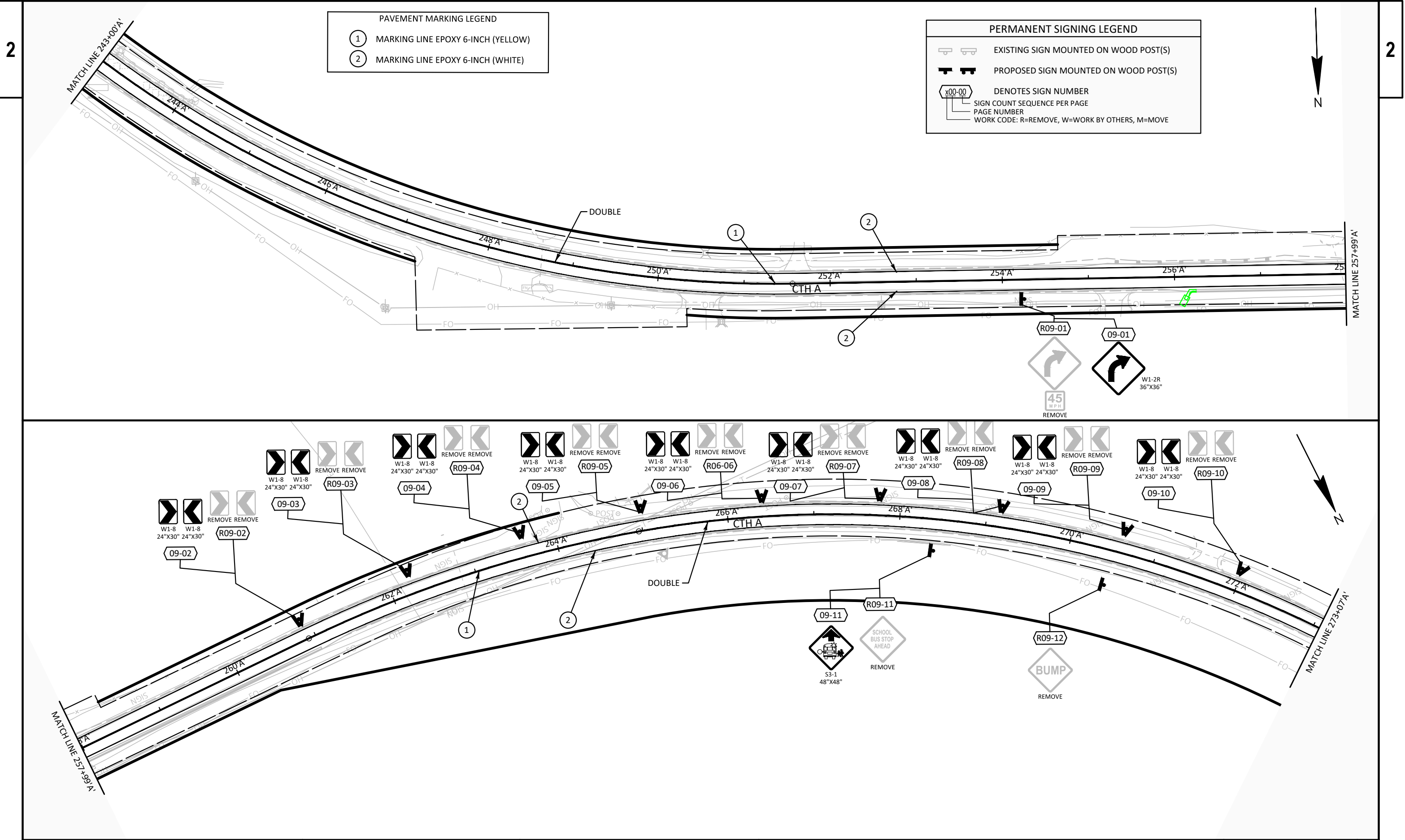
PAVEMENT MARKING LEGEND	
①	MARKING LINE EPOXY 6-INCH (YELLOW)
②	MARKING LINE EPOXY 6-INCH (WHITE)

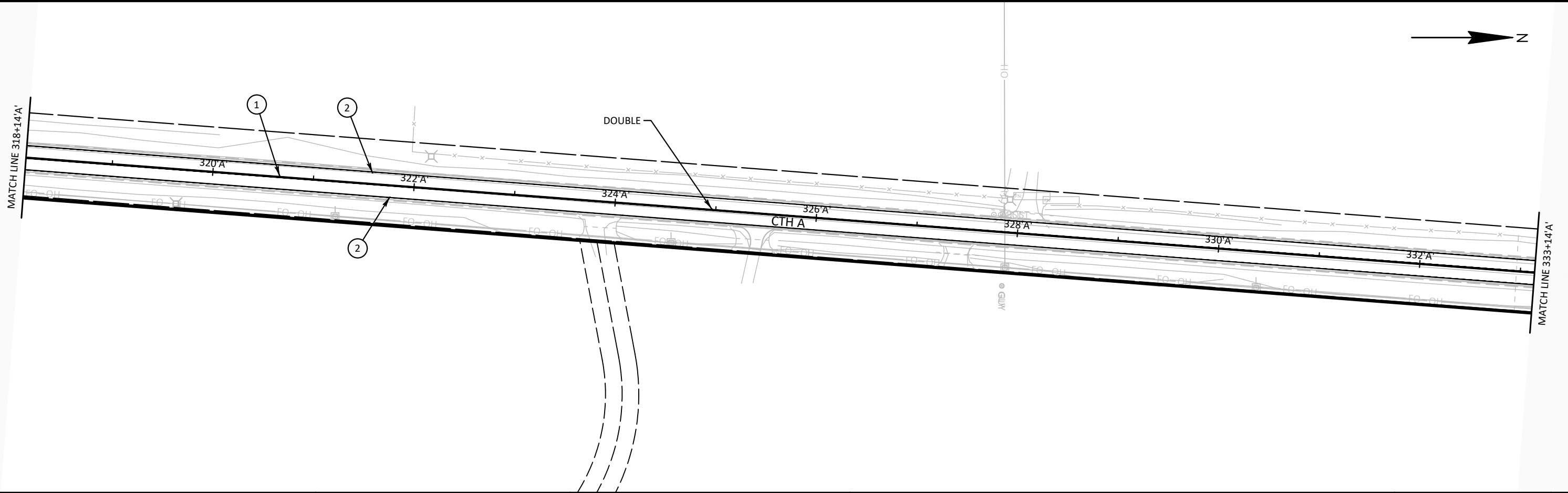


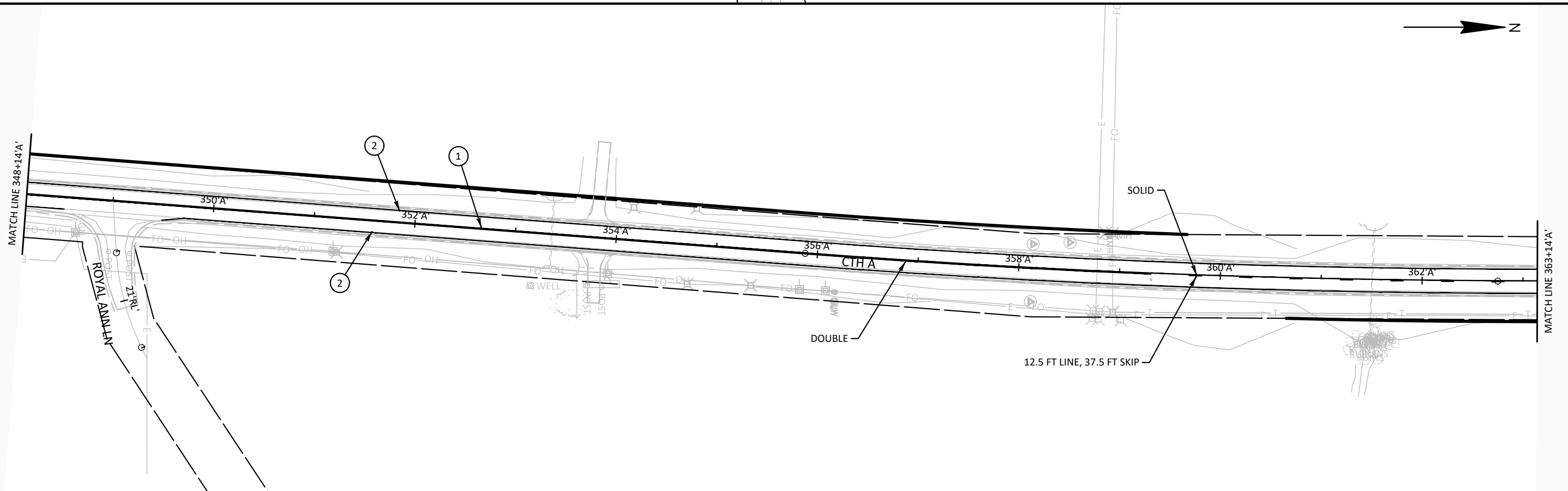
PERMANENT SIGNING LEGEND	
	EXISTING SIGN MOUNTED ON WOOD POST(S)
	PROPOSED SIGN MOUNTED ON WOOD POST(S)
	DENOTES SIGN NUMBER
	SIGN COUNT SEQUENCE PER PAGE
	PAGE NUMBER
	WORK CODE: R=REMOVE, W=WORK BY OTHERS, M=MOVE

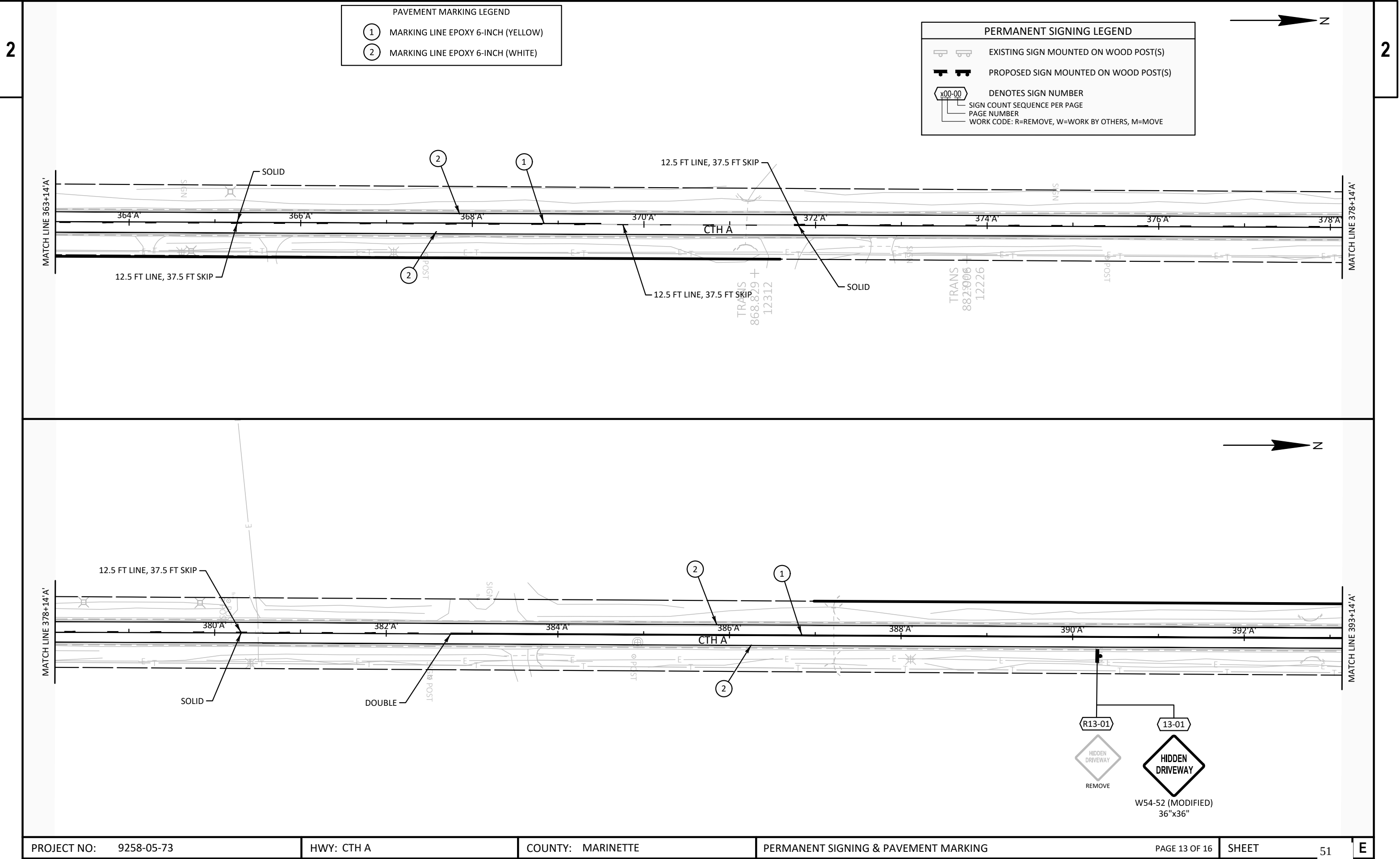












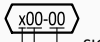
PERMANENT SIGNING LEGEND



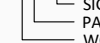
EXISTING SIGN MOUNTED ON WOOD POST(S)



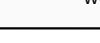
PROPOSED SIGN MOUNTED ON WOOD POST(S)



DENOTES SIGN NUMBER



SIGN COUNT SEQUENCE PER PAGE



PAGE NUMBER

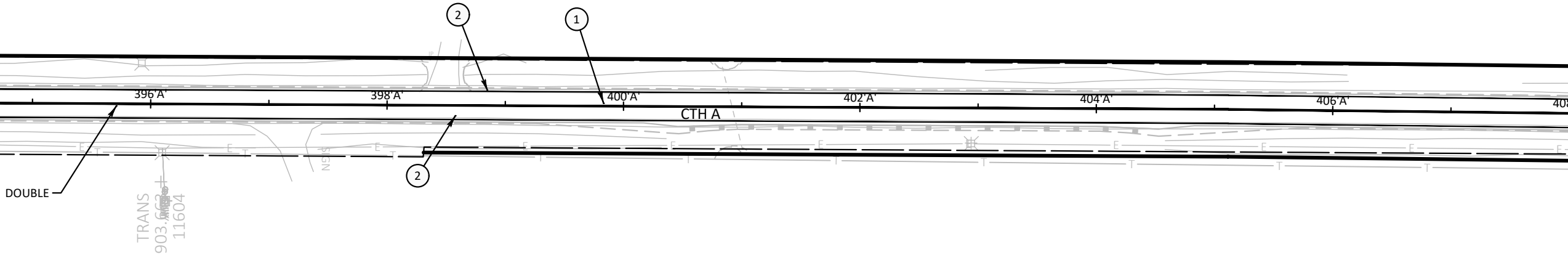


WORK CODE: R=REMOVE, W=WORK BY OTHERS, M=MOVE



MATCH LINE 393+14'A'

MATCH LINE 408+14'A'



PAVEMENT MARKING LEGEND

1

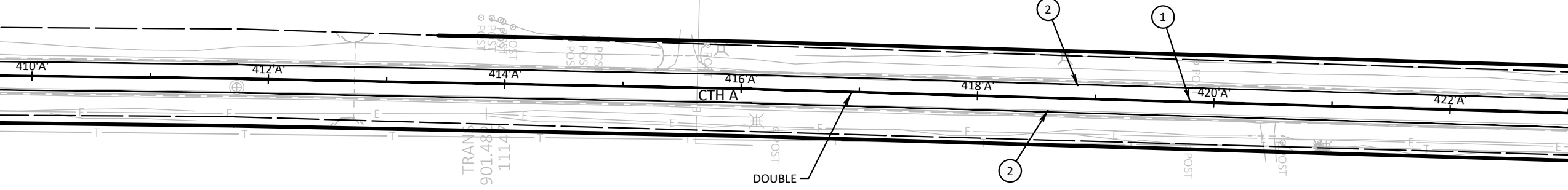
MARKING LINE EPOXY 6-INCH (YELLOW)

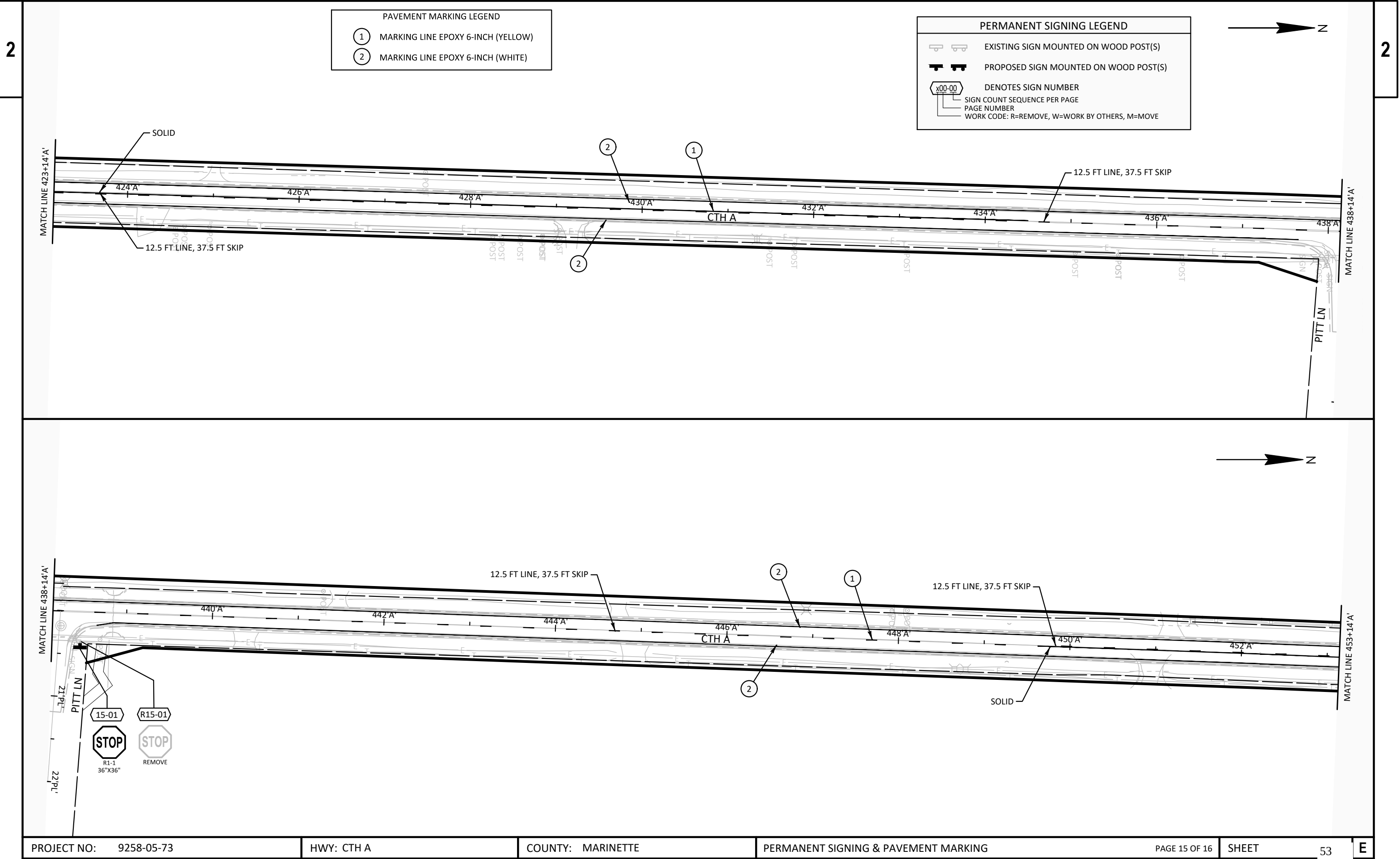
2

MARKING LINE EPOXY 6-INCH (WHITE)

MATCH LINE 408+14'A'

MATCH LINE 423+14'A'





GENERAL NOTES TRAFFIC CONTROL

1. TRAFFIC CONTROL DRUMS IN TAPERS SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "A", ONE WAY LIGHTS, UNLESS OTHERWISE SHOWN.
2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
3. SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF TYPE II SIGNS IS INCLUDED UNDER THE BID ITEM TRAFFIC CONTROL COVERING SIGNS TYPE II.
4. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
5. ALL TRAFFIC CONTROL SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED IN THE PLANS.
6. A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OR LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR AS DIRECTED BY THE ENGINEER.
7. CONTRACTOR SHALL INSTALL PERMANENT SIGNS AND PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
8. ADEQUATE TURNING PROVISIONS SHALL BE MAINTAINED FOR ALL VEHICLES, INCLUDING TRUCKS.
9. BARRICADE STRIPES SHALL POINT DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.
10. THE CONTRACTOR SHALL ENSURE ADEQUATE DRAINAGE AND AVOID ANY PONDING OR STANDINGWATER DURING THE STAGED CONSTRUCTION.
11. PLACE ROADWORK AHEAD SIGNS (W20-1A) ON ALL SIDE ROADS IN ACCORDANCE WITH SDD "BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES."

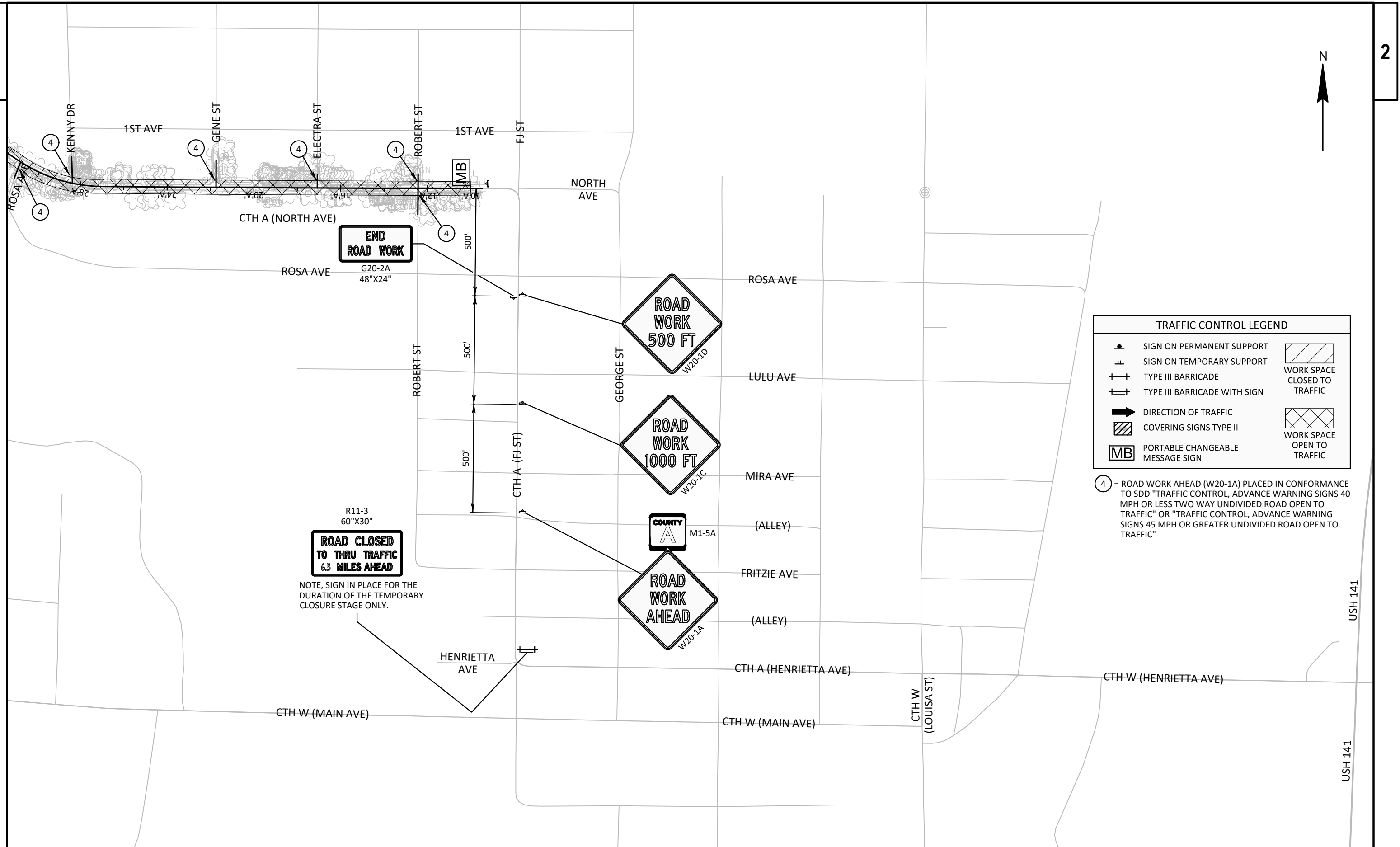
SITE NO LOCATION	FRAME 1 (2 SEC)	FRAME 2 (2 SEC)
SITE 1 309+00'A'	CTH A CLOSED	STARTING MM/DD/YY
SITE 2 464+00'A'	CTH A CLOSED	STARTING MM/DD/YY

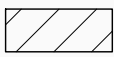
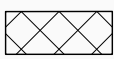
PORTABLE CHANGEABLE MESSAGE SIGN TO
ALTERNATE BETWEEN MESSAGES SHOWN IN FRAME
1 AND FRAME 2.
SET MESSAGE BOARDS ONE WEEK BEFORE CLOSURE.

**PORTABLE CHANGEABLE MESSAGE
SIGN DISPLAYS****TRAFFIC CONTROL LEGEND**

	SIGN ON PERMANENT SUPPORT		WORK SPACE CLOSED TO TRAFFIC
	SIGN ON TEMPORARY SUPPORT		WORK SPACE OPEN TO TRAFFIC
	TYPE III BARRICADE		
	TYPE III BARRICADE WITH SIGN		
	DIRECTION OF TRAFFIC		
	COVERING SIGNS TYPE II		
	PORTABLE CHANGEABLE MESSAGE SIGN		

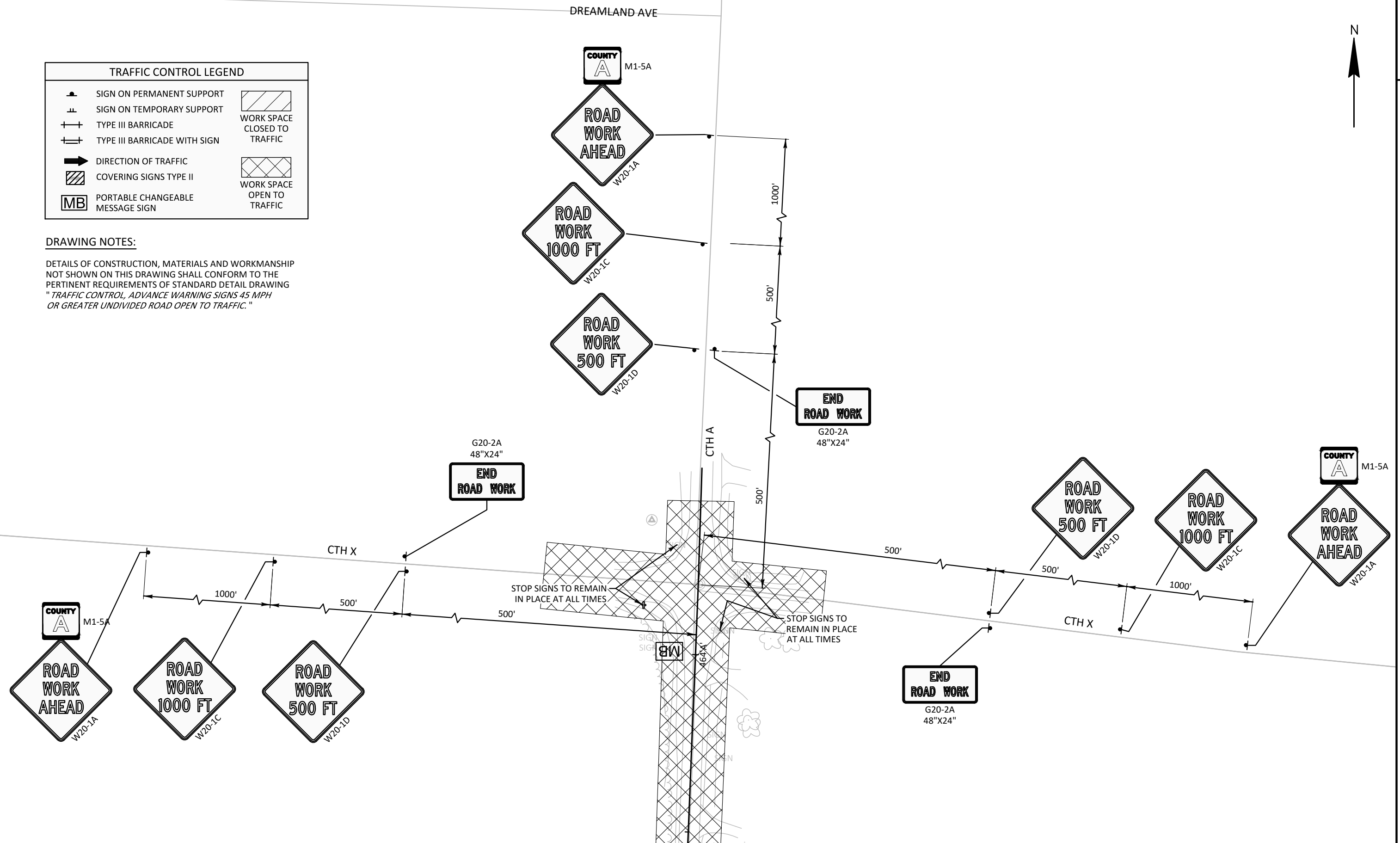
- ④ = ROAD WORK AHEAD (W20-1A) PLACED IN CONFORMANCE TO SDD "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 MPH OR LESS TWO WAY UNDIVIDED ROAD OPEN TO TRAFFIC" OR "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC"
- ⑤ = SIDE ROAD CLOSURE REQUIRED, SEE SDD "BARRICADES AND SIGNS FOR SIDE ROAD CLOSURES, DETAIL 4"

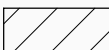


TRAFFIC CONTROL LEGEND			
	SIGN ON PERMANENT SUPPORT		WORK SPACE CLOSED TO TRAFFIC
	SIGN ON TEMPORARY SUPPORT		WORK SPACE OPEN TO TRAFFIC
	TYPE III BARRICADE		
	TYPE III BARRICADE WITH SIGN		
	DIRECTION OF TRAFFIC		
	COVERING SIGNS TYPE II		
	PORTABLE CHANGEABLE MESSAGE SIGN		

DRAWING NOTES:

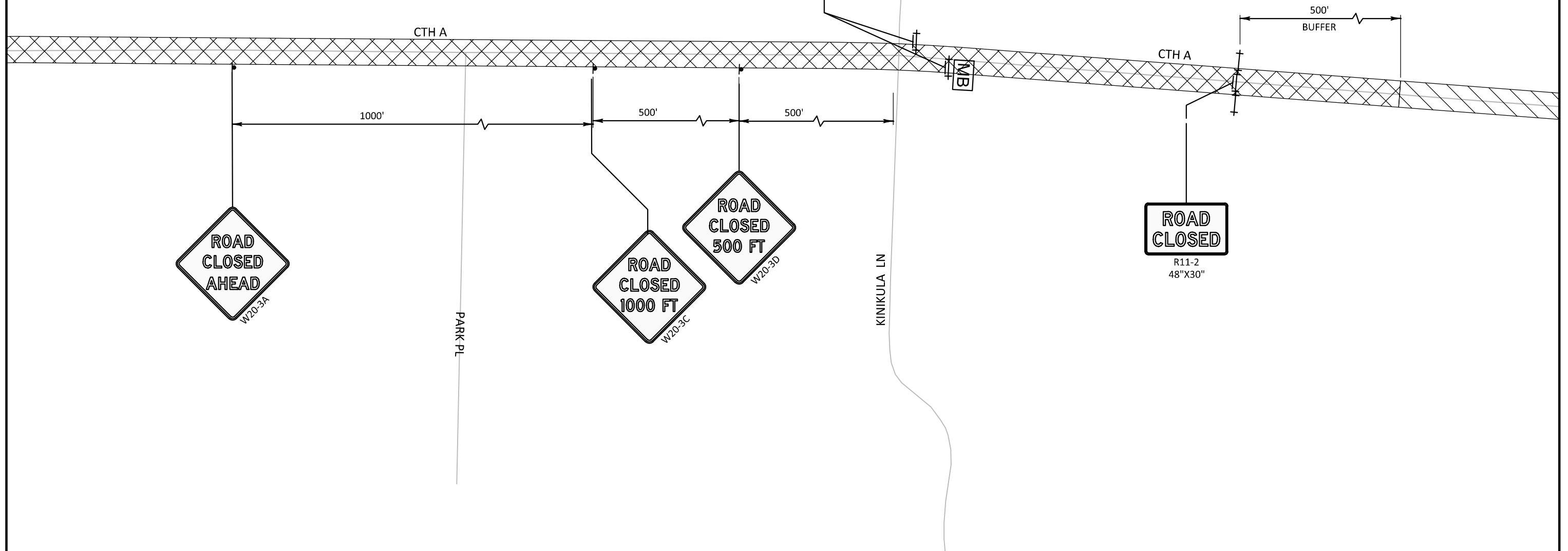
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF STANDARD DETAIL DRAWING "TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER UNDIVIDED ROAD OPEN TO TRAFFIC."



TRAFFIC CONTROL LEGEND			
	SIGN ON PERMANENT SUPPORT		WORK SPACE CLOSED TO TRAFFIC
	SIGN ON TEMPORARY SUPPORT		
	TYPE III BARRICADE		
	TYPE III BARRICADE WITH SIGN		
	DIRECTION OF TRAFFIC		WORK SPACE OPEN TO TRAFFIC
	COVERING SIGNS TYPE II		
	PORTABLE CHANGEABLE MESSAGE SIGN		

DRAWING NOTES:

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR VARIOUS CLOSURES, DETAIL C."



PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

TRAFFIC CONTROL - CLOSURE DETAIL, SOUTH END

SHEET

58

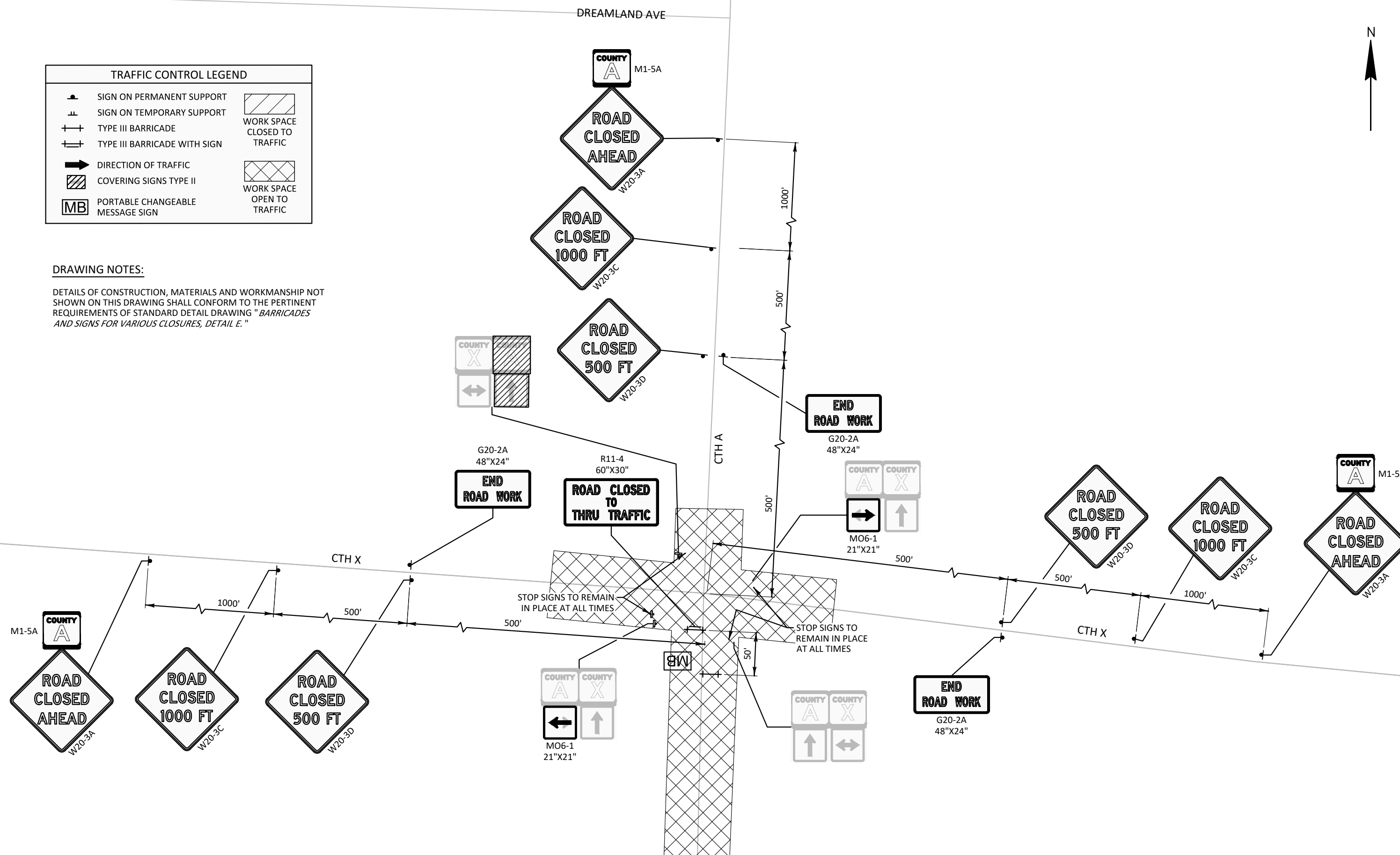




TRAFFIC CONTROL LEGEND			
	SIGN ON PERMANENT SUPPORT		WORK SPACE CLOSED TO TRAFFIC
	SIGN ON TEMPORARY SUPPORT		WORK SPACE OPEN TO TRAFFIC
	TYPE III BARRICADE		
	TYPE III BARRICADE WITH SIGN		
	DIRECTION OF TRAFFIC		
	COVERING SIGNS TYPE II		
	PORTABLE CHANGEABLE MESSAGE SIGN		

DRAWING NOTES:

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF STANDARD DETAIL DRAWING "BARRICADES AND SIGNS FOR VARIOUS CLOSURES, DETAIL E."



Estimate Of Quantities

9258-05-73

Line	Item	Item Description	Unit	Total	Qty
0002	201.0205	Grubbing	STA	158.000	158.000
0004	203.0100	Removing Small Pipe Culverts	EACH	92.000	92.000
0006	204.0110	Removing Asphaltic Surface	SY	4,957.000	4,957.000
0008	204.0115	Removing Asphaltic Surface Butt Joints	SY	654.000	654.000
0010	204.0220	Removing Inlets	EACH	1.000	1.000
0012	204.0245	Removing Storm Sewer (size) 01. 15-inch	LF	63.000	63.000
0014	205.0100	Excavation Common	CY	66,613.000	66,613.000
0016	213.0100	Finishing Roadway (project) 01. 9258-05-73	EACH	1.000	1.000
0018	305.0110	Base Aggregate Dense 3/4-Inch	TON	6,398.000	6,398.000
0020	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	18,844.000	18,844.000
0022	310.0110	Base Aggregate Open-Graded	TON	12.000	12.000
0024	312.0110	Select Crushed Material	TON	718.000	718.000
0026	325.0100	Pulverize and Relay	SY	195,648.000	195,648.000
0028	374.1020.S	QMP Pulverize and Relay Compaction	SY	180,835.000	180,835.000
0030	450.4000	HMA Cold Weather Paving	TON	6,740.000	6,740.000
0032	455.0605	Tack Coat	GAL	7,665.000	7,665.000
0034	460.0105.S	HMA Percent Within Limits (PWL) Test Strip Volumetrics	EACH	2.000	2.000
0036	460.0110.S	HMA Percent Within Limits (PWL) Test Strip Density	EACH	2.000	2.000
0038	460.2005	Incentive Density PWL HMA Pavement	DOL	25,580.000	25,580.000
0040	460.2007	Incentive Density HMA Pavement Longitudinal Joints	DOL	18,230.000	18,230.000
0042	460.2010	Incentive Air Voids HMA Pavement	DOL	33,960.000	33,960.000
0044	460.6223	HMA Pavement 3 MT 58-28 S	TON	18,322.000	18,322.000
0046	460.6244	HMA Pavement 4 MT 58-34 S	TON	14,831.000	14,831.000
0048	460.9000.S	Material Transfer Vehicle	EACH	1.000	1.000
0050	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	277.000	277.000
0052	465.0315	Asphaltic Flumes	SY	35.000	35.000
0054	465.0560	Asphaltic Rumble Strips, Centerline	LF	42,200.000	42,200.000
0056	522.0412	Culvert Pipe Reinforced Concrete Class IV 12-Inch	LF	229.000	229.000
0058	522.0415	Culvert Pipe Reinforced Concrete Class IV 15-Inch	LF	113.000	113.000
0060	522.0418	Culvert Pipe Reinforced Concrete Class IV 18-Inch	LF	220.000	220.000
0062	522.0424	Culvert Pipe Reinforced Concrete Class IV 24-Inch	LF	266.000	266.000
0064	522.0430	Culvert Pipe Reinforced Concrete Class IV 30-Inch	LF	50.000	50.000
0066	522.1012	Apron Endwalls for Culvert Pipe Reinforced Concrete 12-Inch	EACH	10.000	10.000
0068	522.1015	Apron Endwalls for Culvert Pipe Reinforced Concrete 15-Inch	EACH	7.000	7.000
0070	522.1018	Apron Endwalls for Culvert Pipe Reinforced Concrete 18-Inch	EACH	13.000	13.000
0072	522.1024	Apron Endwalls for Culvert Pipe Reinforced Concrete 24-Inch	EACH	12.000	12.000
0074	522.1030	Apron Endwalls for Culvert Pipe Reinforced Concrete 30-Inch	EACH	2.000	2.000
0076	525.0112	Culvert Pipe Corrugated Aluminum 12-Inch	LF	66.000	66.000
0078	525.0118	Culvert Pipe Corrugated Aluminum 18-Inch	LF	2,696.000	2,696.000
0080	525.0124	Culvert Pipe Corrugated Aluminum 24-Inch	LF	250.000	250.000
0082	525.0130	Culvert Pipe Corrugated Aluminum 30-Inch	LF	292.000	292.000
0084	525.0148	Culvert Pipe Corrugated Aluminum 48-Inch	LF	62.000	62.000
0086	525.0312	Apron Endwalls for Culvert Pipe Aluminum 12-Inch	EACH	2.000	2.000
0088	525.0318	Apron Endwalls for Culvert Pipe Aluminum 18-Inch	EACH	130.000	130.000
0090	525.0324	Apron Endwalls for Culvert Pipe Aluminum 24-Inch	EACH	6.000	6.000
0092	525.0330	Apron Endwalls for Culvert Pipe Aluminum 30-Inch	EACH	8.000	8.000
0094	525.0348	Apron Endwalls for Culvert Pipe Aluminum 48-Inch	EACH	2.000	2.000
0096	601.0553	Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type D	LF	3,005.000	3,005.000
0098	606.0200	Riprap Medium	CY	119.000	119.000

Estimate Of Quantities

9258-05-73

Line	Item	Item Description	Unit	Total	Qty
0100	606.0300	Riprap Heavy	CY	60.000	60.000
0102	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	53.000	53.000
0104	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	48.000	48.000
0106	611.0627	Inlet Covers Type HM	EACH	1.000	1.000
0108	611.0642	Inlet Covers Type MS	EACH	1.000	1.000
0110	611.3004	Inlets 4-FT Diameter	EACH	1.000	1.000
0112	611.3901	Inlets Median 1 Grate	EACH	1.000	1.000
0114	611.8110	Adjusting Manhole Covers	EACH	1.000	1.000
0116	612.0106	Pipe Underdrain 6-Inch	LF	200.000	200.000
0118	614.2300	MGS Guardrail 3	LF	925.000	925.000
0120	614.2610	MGS Guardrail Terminal EAT	EACH	6.000	6.000
0122	618.0100	Maintenance and Repair of Haul Roads (project) 01. 9258-05-73	EACH	1.000	1.000
0124	619.1000	Mobilization	EACH	1.000	1.000
0126	624.0100	Water	MGAL	1,330.000	1,330.000
0128	625.0500	Salvaged Topsoil	SY	196,600.000	196,600.000
0130	627.0200	Mulching	SY	7,850.000	7,850.000
0132	628.1504	Silt Fence	LF	14,600.000	14,600.000
0134	628.1520	Silt Fence Maintenance	LF	14,600.000	14,600.000
0136	628.1905	Mobilizations Erosion Control	EACH	14.000	14.000
0138	628.1910	Mobilizations Emergency Erosion Control	EACH	7.000	7.000
0140	628.2004	Erosion Mat Class I Type B	SY	87,200.000	87,200.000
0142	628.2008	Erosion Mat Urban Class I Type B	SY	101,600.000	101,600.000
0144	628.7005	Inlet Protection Type A	EACH	2.000	2.000
0146	628.7010	Inlet Protection Type B	EACH	3.000	3.000
0148	628.7504	Temporary Ditch Checks	LF	184.000	184.000
0150	628.7555	Culvert Pipe Checks	EACH	324.000	324.000
0152	628.7570	Rock Bags	EACH	122.000	122.000
0154	629.0205	Fertilizer Type A	CWT	124.500	124.500
0156	630.0120	Seeding Mixture No. 20	LB	8,800.000	8,800.000
0158	630.0140	Seeding Mixture No. 40	LB	350.000	350.000
0160	630.0200	Seeding Temporary	LB	5,310.000	5,310.000
0162	630.0500	Seed Water	MGAL	4,410.000	4,410.000
0164	631.0300	Sod Water	MGAL	1.000	1.000
0166	631.1200	Sod Erosion Control Sandy Soil	SY	45.000	45.000
0168	633.5200	Markers Culvert End	EACH	68.000	68.000
0170	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	14.000	14.000
0172	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	42.000	42.000
0174	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	24.000	24.000
0176	637.2210	Signs Type II Reflective H	SF	372.870	372.870
0178	637.2230	Signs Type II Reflective F	SF	435.250	435.250
0180	638.2102	Moving Signs Type II	EACH	5.000	5.000
0182	638.2602	Removing Signs Type II	EACH	108.000	108.000
0184	638.3000	Removing Small Sign Supports	EACH	74.000	74.000
0186	638.4000	Moving Small Sign Supports	EACH	5.000	5.000
0188	642.5001	Field Office Type B	EACH	1.000	1.000
0190	643.0300	Traffic Control Drums	DAY	70.000	70.000
0192	643.0420	Traffic Control Barricades Type III	DAY	700.000	700.000
0194	643.0705	Traffic Control Warning Lights Type A	DAY	1,400.000	1,400.000
0196	643.0900	Traffic Control Signs	DAY	5,258.000	5,258.000

Estimate Of Quantities

9258-05-73

Line	Item	Item Description	Unit	Total	Qty
0198	643.0920	Traffic Control Covering Signs Type II	EACH	2.000	2.000
0200	643.1050	Traffic Control Signs PCMS	DAY	114.000	114.000
0202	643.3165	Temporary Marking Line Paint 6-Inch	LF	161,636.000	161,636.000
0204	643.5000	Traffic Control	EACH	1.000	1.000
0206	645.0111	Geotextile Type DF Schedule A	SY	112.000	112.000
0208	645.0120	Geotextile Type HR	SY	374.000	374.000
0210	646.2020	Marking Line Epoxy 6-Inch	LF	161,762.000	161,762.000
0212	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	161,762.000	161,762.000
0214	648.0100	Locating No-Passing Zones	MI	8.214	8.214
0216	650.4000	Construction Staking Storm Sewer	EACH	4.000	4.000
0218	650.4500	Construction Staking Subgrade	LF	6,060.000	6,060.000
0220	650.5000	Construction Staking Base	LF	45,572.000	45,572.000
0222	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	3,005.000	3,005.000
0224	650.6000	Construction Staking Pipe Culverts	EACH	30.000	30.000
0226	650.8000	Construction Staking Resurfacing Reference	LF	39,512.000	39,512.000
0228	650.9911	Construction Staking Supplemental Control (project) 01. 9258-05-73	EACH	1.000	1.000
0230	650.9920	Construction Staking Slope Stakes	LF	45,572.000	45,572.000
0232	680.0100	Public Land Reference Monument Verify and Reset	EACH	11.000	11.000
0234	690.0150	Sawing Asphalt	LF	450.000	450.000
0236	740.0440	Incentive IRI Ride	DOL	34,520.000	34,520.000
0238	999.2105.S	Maintaining Climbing Turtle Exclusion Fence	LF	20,100.000	20,100.000
0240	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	2,400.000	2,400.000
0242	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	2,100.000	2,100.000
0244	SPV.0035	Special 01. Foundation Backfill	CY	7,545.000	7,545.000
0246	SPV.0060	Special 01. Adjusting Water Valve Box	EACH	1.000	1.000
0248	SPV.0060	Special 02. Adjusting Sanitary Manhole Covers	EACH	7.000	7.000
0250	SPV.0180	Special 01. Removing Excess Pulverized Material	SY	20,875.000	20,875.000

GRUBBING

201.0205 GRUBBING			
STATION	LOCATION	STA	REMARKS
33+00 - 34+00	LT & RT	1	-
35+00 - 38+00	LT	3	-
60+00 - 61+00	RT	1	-
62+00 - 63+00	LT	1	-
69+00 - 72+00	LT & RT	3	-
83+00 - 84+00	LT & RT	1	-
89+00 - 92+00	LT	3	-
98+00 - 100+00	LT	2	-
103+00 - 107+00	LT & RT	4	-
109+00 - 118+00	LT & RT	9	-
120+00 - 126+00	LT	6	-
165+00 - 169+00	LT & RT	4	-
172+00 - 178+00	LT & RT	6	-
179+00 + 182+00	LT & RT	1	-
186+00 204+00	LT&RT	18	-
206+00 - 207+00	RT	1	-
209+00 - 210+00	LT & RT	1	-
221+00 - 230+00	LT	9	-
232+00 - 234+00	RT	2	-
236+00 242+00	LT & RT	6	-
255+00 - 282+00	LT & RT	27	-

CONTINUED

REMOVING ASPHALTIC PAVEMENT

*204.0110		204.0115		
REMOVING ASPHALTIC SURFACE		REMOVING ASPHALTIC SURFACE BUTT JOINTS		
STATION	LOCATION	SY	SY	REMARKS
CTH A	LT&RT	-	156	BOP
ROBERT ST	LT	37	6	SIDEROAD
ROBERT ST	RT	38	6	SIDEROAD
ELECTRA ST	RT	349	6	SIDEROAD
GENE ST	RT	42	8	SIDEROAD
KENNY DR	RT	63	9	SIDEROAD
ROSA AVE	LT	63	8	SIDEROAD
DUKE LN	LT	57	8	SIDEROAD
MAZUR LN	LT	269	4	SIDEROAD
SMITH CREEK RD	RT	412	5	SIDEROAD
SHAFFER RD	LT	470	5	SIDEROAD
JAZWINSKI RD	RT	323	4	SIDEROAD
PITT LN	RT	260	4	SIDEROAD
CTH X	LT	545	134	SIDEROAD
CTH X	RT	417	134	SIDEROAD
CTH A	LT&RT	-	156	EOP
PROJECT TOTALS		3346	654	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON PLANS

GRUBBING

201.0205 GRUBBING			
STATION	LOCATION	STA	REMARKS
285+00 - 289+00	RT	4	-
302+00 - 304+00	RT	2	-
305+00 307+00	RT	2	-
334+00 - 337+00	RT	3	-
342+00 - 350+00	LT & RT	8	-
356+00 - 357+00	RT	1	-
359+00 - 263+00	LT & RT	4	-
382+00 - 383+00	LT	1	-
389+00 - 390+00	LT	1	-
399+00 - 414+00	LT & RT	15	-
416+00 - 419+00	LT & RT	3	-
458+00 463+00	LT	5	-
PROJECT TOTALS		158	

REMOVING STORM SEWER ITEMS

		204.0245.01	204.0220	
		REMOVING STORM SEWER (01. 15-INCH)	REMOVING INLETS	
STATION	LOCATION	EACH	EACH	REMARKS
258+00	LT/RT	63	1	15" CMCP
PROJECT TOTALS		63	1	

REMOVING SMALL PIPE CULVERTS

203.0100 REMOVING SMALL PIPE CULVERTS			
STATION	LOCATION	EACH	REMARKS
43+70	LT	1	18" CMCP
44+25	RT	1	18" CMCP
48+55	LT	1	18" CMCP
54+40	LT&RT	1	8" CMCP
55+90	RT	1	12" CMCP
59+80	LT	1	12" CMCP
60+50	LT	1	12" CMCP
71+75	LT	1	12" CMCP
99+55	LT	1	12" CMCP
100+65	LT	1	8" CMCP
109+56	LT&RT	1	12" CMCP
120+05	LT&RT	1	24" CMCP
120+40	RT	1	12" CMCP
135+70	RT	1	12" CMCP
137+80	RT	1	12" CMCP
138+45	RT	1	12" CMCP
152+34	LT&RT	1	24" CMCP
19+16 'ML'	LT	1	12" CMCP
19+50 'ML'	LT&RT	1	12" CMCP
175+05	RT	1	12" CMCP
178+25	LT	1	12" CMCP
179+63	RT	1	12" CMCP
184+00	RT	1	12" CMCP
184+30	LT	1	8" CMCP
186+51	RT	1	8" CMCP
187+34	RT	1	8" CMCP
191+90	LT	1	12" CMCP
195+90	RT	1	12" CMCP
199+20	RT	1	12" CMCP
222+15	LT&RT	1	18" CMCP
237+00	LT	1	12" CMCP
238+86	LT	1	12" CMCP
239+12	RT	1	12" CMCP
241+11	LT&RT	1	48" CMCP
242+85	RT	1	12" CMCP
248+40	RT	1	12" CMCP
248+66	LT&RT	1	36" CMCP
250+50	RT	1	24" CMCP
251+60	LT	1	12" CMCP
255+30	RT	1	24" CMCP
262+82	LT&RT	1	18" CMCP
271+50	LT	1	12" CMCP
274+62	LT&RT	1	18" CMCP
18+78 'BZ'	LT&RT	3	24" CMCP
290+00	LT	1	12" CMCP
290+00	RT	1	12" CMCP

CONTINUED

REMOVING SMALL PIPE CULVERTS

203.0100 REMOVING SMALL PIPE CULVERTS			
STATION	LOCATION	EACH	REMARKS
295+61	RT	1	12" CMCP
306+52	LT&RT	2	30" CMCP
308+54	RT	1	12" CMCP
311+45	RT	1	24" CMCP
315+60	RT	1	12" CMCP
323+75	RT	1	12" CMCP
325+30	RT	1	12" CMCP
327+30	RT	1	12" CMCP
327+95	LT	1	12" CMCP
332+96	LT&RT	1	24" CMCP
335+65	RT	1	12" CMCP
353+37	LT&RT	1	18" CMCP
353+80	LT	1	18" CMCP
353+80	RT	1	18" CMCP
361+50	LT&RT	1	24" CMCP
371+20	LT&RT	1	24" CMCP
371+50	RT	1	12" CMCP
372+60	RT	1	12" CMCP
383+45	RT	1	12" CMCP
387+21	LT&RT	1	18" CMCP
392+77	LT&RT	1	12" CMCP
393+80	LT	1	12" CMCP
398+51	LT	1	12" CMCP
400+92	LT&RT	1	24" CMCP
412+70	LT&RT	1	18" CMCP
415+35	LT	1	12" CMCP
420+30	RT	1	12" CMCP
424+86	LT	1	12" CMCP
429+04	RT	1	12" CMCP
438+22	RT	1	12" CMCP
438+86	LT&RT	1	24" CMCP
440+24	RT	1	12" CMCP
441+32	LT	1	12" CMCP
448+01	LT	1	12" CMCP
449+27	LT&RT	1	18" CMCP
450+80	RT	1	12" CMCP
451+00	LT	1	12" CMCP
457+45	RT	1	12" CMCP
458+05	LT	1	12" CMCP
459+21	LT&RT	1	18" CMCP
460+25	RT	1	12" CMCP
461+93	RT	1	12" CMCP
463+65	RT	1	12" CMCP
PROJECT TOTALS		92	

EARTHWORK SUMMARY (PROJECT ID 9258-05-73)										
CATEGORY 0010										
SUBSTAGE	FROM/TO STATION	LOCATION	205.0100 COMMON EXCAVATION (1)	SALVAGED / UNUSABLE PAVEMENT MATERIAL (3)	AVAILABLE MATERIAL (4)	UNEXPANDED FILL	EXPANDED FILL (5)	MASS ORDINATE +/- (6)	WASTE	COMMENT:
			CUT (2)				FACTOR 1.25			
	10+00 - 124+00	CTH A	11,074	0	11,074	2,779	3,474	7,600		
	124+00 - 238+00	CTH A	10,828	0	10,828	7,562	9,453	1,376		
	238+00 - 352+00	CTH A	16,713	55	16,658	15,971	19,964	-3,306		
	352+00 - 454+00	CTH A	19,252	94	19,158	10,848	13,560	5,598		
	17+95'8Z' - 19+50'8Z'	BIZIAK LANE	125	35	90	62	78	12		
	18+92'NR' - 19+45'NR'	NEWTON LAKE ROAD	45	14	31	2	3	29		
	20+41'KL' - 20+95'KL'	KANIKULA LANE	272	12	260	0	0	260		
	20+48'GL' - 23+25'GL'	GETAWAY LANE	152	0	152	1,031	1,289	-1,137		
	17+95'RL' - 19+50'RL'	ROYAL ANN LANE	117	0	117	62	78	40		
	RECON INTERSECTIONS	VARIOUS	724	66	658	1,476	1,845	-1,187		(7)
	REHAB INTERSECTIONS	VARIOUS	2,915	267	2,648	386	483	2,166		(7)
	10+00 - 28+00	CTH A	281	281	0	0	0	0		(8)
	329+60 - 362+00	CTH A	2,200	2,200	0	0	0	0		(8)
	381+05 - 391+30	CTH A	696	696	0	0	0	0		(8)
	395+40 - 413+35	CTH A	1,219	1,219	0	0	0	0		(8)
PROJECT TOTALS			66,613					11,450	11,450	

NOTES:
(1) COMMON EXCAVATION IS THE SUM OF THE CUT . ITEM NUMBER 205.0100
(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
(3) SALVAGED/UNUSABLE PAVEMENT MATERIAL
(4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL
(5) EXPANDED FILL FACTOR = 1.25
DEPENDING ON SELECTIONS:
(6) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE STAGE. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE STAGE. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE STAGE.
(7) EARTHWORK VOLUMES CALCULATED BY COMPARING FINISHED SURFACE TO EXISTING SURFACE
(8) EXCESS PULVERIZED MATERIAL TO BE USED IN SEGMENTS WITH PULVERIZED MATERIAL SHORTAGES

FOUNDATION BACKFILL

SPV.0035.01
FOUNDATION
BACKFILL

STATION	LOCATION	CY	REMARKS
54+44	LT&RT	220	PIPE BACKFILL
109+56	LT&RT	432	PIPE BACKFILL
114+75	LT&RT	200	PIPE BACKFILL
152+32	LT&RT	303	PIPE BACKFILL
222+15	LT&RT	484	PIPE BACKFILL
241+11	LT&RT	911	PIPE BACKFILL
248+66	LT&RT	370	PIPE BACKFILL
262+79	LT&RT	370	PIPE BACKFILL
274+59	LT&RT	322	PIPE BACKFILL
306+52	LT&RT	370	PIPE BACKFILL
332+96	LT&RT	370	PIPE BACKFILL
353+37	LT&RT	370	PIPE BACKFILL
361+50	LT&RT	370	PIPE BACKFILL
371+20	LT&RT	370	PIPE BACKFILL
387+21	LT&RT	370	PIPE BACKFILL
392+77	LT&RT	213	PIPE BACKFILL
402+00	LT&RT	370	PIPE BACKFILL
412+70	LT&RT	370	PIPE BACKFILL
438+88	LT&RT	265	PIPE BACKFILL
449+25	LT&RT	241	PIPE BACKFILL
459+18	LT&RT	251	PIPE BACKFILL
PROJECT TOTALS		7,545	

SELECT CRUSHED MATERIAL

312.0110
SELECT
CRUSHED
MATERIAL

STATION	LOCATION	TON	REMARKS
256+99 - 258+99	LT&RT	718	
PROJECT TOTALS		718	

BASE AGGREGATE ITEMS

*305.0110 305.0120 *624.0100
BASE AGGREGATE BASE AGGREGATE

STATION	LOCATION	DENSE 3/4-INCH TON	DENSE 1 1/4-INCH TON	WATER MGAL	REMARKS
10+00 - 28+00	ML	132	-	1	-
28+00 - 100+00	ML	1,377	-	14	-
100+00 - 210+00	ML	1,951	-	20	-
210+00 - 329+60	ML	976	-	10	-
329+60 - 362+00	ML	261	9,221	95	-
362+00 - 381+05	ML	160	-	2	-
381+05 - 391+30	ML	84	2,784	29	-
391+30 - 395+40	ML	35	-	0	-
395+40 - 413+35	ML	150	4,876	50	-
413+35 - 465+72	ML	467	-	5	-
BIZIAK LN	LT	22	645	7	-
KANIKULA LN	RT	8	285	3	-
NEWTON LAKE RD	LT	10	384	4	-
GETAWAY LN	RT	29	333	4	-
ROYAL ANN LN	RT	9	317	3	-
PROJECT TOTALS		5,669	18,844	245	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON PLAN

DRIVEWAYS AND FIELD ENTRANCES

*204.0110 *305.0110 465.0120
REMOVING BASE ASPHALTIC SURFACE
ASPHALTIC SURFACE AGGREGATE DRIVEWAYS AND
DENSE 3/4-INCH FIELD ENTRANCES

STATION	LOCATION	SY	TON	TON	REMARKS
10+00 - 88+25	LT&RT	889	136	149	-
88+25 - 155+21	LT&RT	167	107	28	-
155+21 - 209+05	LT&RT	111	97	19	-
209+05 - 276+90	LT&RT	56	49	9	-
276+90 - 340+55	LT&RT	56	97	16	-
340+55 - 465+72	LT&RT	333	243	56	-
PROJECT TOTALS		1,611	729	277	

*ADDITIONAL QUANTITIES SHOWN ELSEWHERE ON PLANS

PWL MIXTURE USE TABLE

LOCATION	STATION - STATION	MIXTURE USE	UNDERLYING SURFACE	BID ITEM	TONS	THICKNESS	MIXTURE ACCEPTANCE	DENSITY ACCEPTANCE
11-FOOT DRIVING LANE	10+00 - 465+72	LOWER LAYER	PULVERIZED AND RELAYED PAVEMENT/BASE AGGREGATE	3 MT 58-28 S	14036	2.25"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT460.2005
11-FOOT DRIVING LANE	10+00 - 465+72	UPPER LAYER	3 MT 58-28 S	4 MT 58-34 S	10917	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	INCENTIVE DENSITY PWL HMA PAVEMENT460.2005
3-6-FOOT SHOULDERS	10+00 - 465+72	LOWER LAYER	PULVERIZED AND RELAYED PAVEMENT/BASE AGGREGATE	3 MT 58-28 S	4007	2.25"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	DEPARTMENT ACCEPTANCE (SS 460.3.3.2) *NOT ELIGIBLE FOR INCENTIVE
3-6-FOOT SHOULDERS	10+00 - 465+72	UPPER LAYER	3 MT 58-28 S	4 MT 58-34 S	3117	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	DEPARTMENT ACCEPTANCE (SS 460.3.3.2) *NOT ELIGIBLE FOR INCENTIVE
INTERSECTIONS	10+00 - 465+72	LOWER LAYER	BASE AGGREGATE	3 MT 58-28 S	279	2.25"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	DEPARTMENT ACCEPTANCE (SS 460.3.3.2) *NOT ELIGIBLE FOR INCENTIVE
INTERSECTIONS	10+00 - 465+72	UPPER LAYER	3 MT 58-28 S/MILLED SURFACE	4 MT 58-34 S	797	1.75"	PWL INCENTIVE AIR VOIDS HMA PAVEMENT 460.2010	DEPARTMENT ACCEPTANCE (SS 460.3.3.2) *NOT ELIGIBLE FOR INCENTIVE

ASPHALTIC ITEMS SUMMARY								
SPV.0180.01								
		325.0100	REMOVING EXCESS	455.0605	460.6223	460.6244		
		PULVERIZE	PULVERIZED	TACK	HMA PAVEMENT	HMA PAVEMENT	*624.0100	
		AND RELAY	MATERIAL	COAT	3 MT 58-28 S	4 MT 58-34 S	WATER	
STATION	LOCATION	SY	SY	GAL	TON	TON	MGAL	REMARKS
10+00 - 28+00	ML	5,573	5,573	281	707	550	33	EXCESS PULVERIZED MATERIAL USED ELSEWHERE
28+00 - 100+00	ML	35,040	-	1,120	2,822	2,195	210	-
100+00 - 210+00	ML	53,533	-	1,764	4,446	3,458	321	-
210+00 - 329+60	ML	53,156	489	1,872	4,716	3,668	319	-
329+60 - 362+00	ML	7,920	7,920	506	1,274	991	-	UTILIZE PULVERIZED MATERIAL ELSEWHERE
362+00 - 381+05	ML	8,467	-	296	746	580	51	-
381+05 - 391+30	ML	2,506	2,506	159	402	313	-	UTILIZE PULVERIZED MATERIAL ELSEWHERE
391+30 - 395+40	ML	1,822	-	64	161	125	11	-
395+40 - 413+35	ML	4,388	4,388	283	712	554	-	UTILIZE PULVERIZED MATERIAL ELSEWHERE
413+35 - 465+72	ML	23,244	-	817	2,058	1,600	139	-
SUBTOTAL		195,648	20,875	7,160	18,044	14,034	1,085	
ROBERT ST	RT	-	-	3	-	4	-	-
ROBERT ST	LT	-	-	3	-	4	-	-
ELECTRA ST	RT	-	-	3	-	4	-	-
GENE ST	RT	-	-	3	-	5	-	-
KENNY DR	RT	-	-	5	-	8	-	-
ROSA AVE	LT	-	-	5	-	8	-	-
DUKE LN	LT	-	-	4	-	7	-	-
BUGARSKY LN	RT	-	-	39	-	62	-	-
DUDKIEWICZ LN	RT	-	-	35	-	56	-	-
FISHER LN	RT	-	-	15	-	23	-	-
MAZUR LN	LT	-	-	30	-	48	-	-
SMITH CREEK RD	RT	-	-	29	-	47	-	-
SHAFFER RD	LT	-	-	44	-	61	-	-
JAZWINSKI RD	RT	-	-	36	-	51	-	-
JAZWINSKI RD	RT	-	-	30	-	42	-	-
BIZIAK LN	LT	-	-	36	92	71	-	-
PARK PL	RT	-	-	26	-	36	-	-
KANIKULA LN	RT	-	-	16	40	31	-	-
NEWTON LAKE RD	LT	-	-	22	56	44	-	-
GETAWAY LN	RT	-	-	18	46	36	-	-
ROYAL ANN LN	RT	-	-	17	44	34	-	-
PITT LN	RT	-	-	27	-	38	-	-
CTH X	RT	-	-	38	-	54	-	-
CTH X	LT	-	-	46	-	65	-	-
INTERSECTIONS		0	0	504	279	797	0	
PROJECT TOTAL		195,648	20,875	7,665	18,322	14,831	1,085	
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE								

HMA PERCENT WITHIN LIMITS (PWL)		
LOCATION	460.0105.S	460.0110.S
	TEST STRIP VOLUMETRICS	TEST STRIP DENSITY
	EACH	EACH
PROJECT	2	2
	2	2

ASPHALTIC RUMBLE STRIPS			
STATION	LOCATION	465.0560	REMARKS
		ASPHALTIC RUMBLE STRIPS, CENTERLINE	
42+00 - 464+00	ML	42,200	-
PROJECT TOTAL		42,200	

CONCRETE CURB AND GUTTER			
STATION	LOCATION	601.0553	REMARKS
		CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D	
111+25 - 114+50	RT	325	-
124+85 - 134+00	LT	915	-
125+50 - 134+00	RT	850	-
223+00 - 226+50	LT	350	-
256+25 - 261+00	RT	475	-
337+10 - 338+00	RT	90	-
PROJECT TOTALS		3005	

3

3

CROSS CULVERT PIPES																																																	
			522.0412		522.0415		522.0418		522.0424		522.043		525.0112		*525.0118		525.0124		525.0130		525.0148		633.5200																										
			CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		CULVERT PIPE		MARKERS																										
			REINFORCED		REINFORCED		REINFORCED		REINFORCED		REINFORCED		CORRUGATED		CORRUGATED		CORRUGATED		CORRUGATED		CORRUGATED		CULVERT																										
			CONCRETE CLASS IV		CONCRETE CLASS IV		CONCRETE CLASS IV		CONCRETE CLASS IV		CONCRETE CLASS IV		ALUMINUM		ALUMINUM		ALUMINUM		ALUMINUM		ALUMINUM																												
***INLET			***OUTLET			ALUMINUM			12-INCH		15-INCH		18-INCH		24-INCH		30-INCH		12-INCH		18-INCH		24-INCH		30-INCH		48-INCH		END																				
STATION	OFFSET	ELEV. (FT)	STATION	OFFSET	ELEV. (FT)	SLOPE (%)	THICKNESS	LOCATION	LF		LF		LF		LF		LF		LF		LF		LF		LF		LF		EACH																				
54+44.11	18.45' LT	686.50	54+38.99	21.23' RT	685.88	1.55%	-	LT&RT	40		-		-		-		-		-		-		-		-		-		2																				
109+56.00	32.18' LT	698.34	109+56.00	33.86' RT	697.72	0.94%	0.060	LT&RT	-		-		-		-		66		-		-		-		-		-		2																				
114+75.01	18.09' LT	712.31	114+75.04	18.54' RT	712.13	0.49%	-	LT&RT	-		37		-		-		-		-		-		-		-		-		2																				
138+32.74	37.43' RT	734.30	138+63.73	35.95' RT	734.00	1.00%	-	RT	-		-		30		-		-		-		-		-		-		-		2																				
152+32.00	20.19' LT	732.12	152+32.00	21.81' RT	731.72	0.95%	-	LT&RT	-		-		-		42		-		-		-		-		-		-		2																				
19+27.34	23.81' RT	735.05	19+60.63	21.90' LT	734.84	0.36%	-	LT&RT	57		-		-		-		-		-		-		-		-		-		2																				
222+15.00	21.58' LT	801.30	222+15.00	28.42' RT	799.00	4.60%	-	LT&RT	-		-		-		-		50		-		-		-		-		-		2																				
241+11.00	28.36' LT	757.60	241+11.00	39.69' RT	755.31	1.54%	0.105	LT&RT	-		-		-		-		-		-		-		-		-		62		2																				
248+66.00	32.84' RT	767.50	248+66.00	31.18' LT	766.00	2.34%	0.075	LT&RT	-		-		-		-		-		-		64		-		-		-		2																				
262+77.00	24.57' RT	796.35	262+77.20	37.46' LT	793.13	5.19%	0.060	LT&RT	-		-		-		-		-		62		-		-		-		-		2																				
262+82.00	24.60' RT	796.35	262+82.00	37.43' LT	793.13	5.19%	0.060	LT&RT	-		-		-		-		-		62		-		-		-		-		2																				
274+55.91	18.95' RT	800.09	274+56.12	27.06' LT	799.90	0.41%	-	LT&RT	-		-		-		46		-		-		-		-		-		-		2																				
274+62.00	18.98' RT	800.09	274+62.00	27.03' LT	799.90	0.41%	-	LT&RT	-		-		-		46		-		-		-		-		-		-		2																				
18+78.00	18.01' LT	798.45	18+78.00	26.03' RT	798.23	0.49%	-	LT&RT	-		-		-		44		-		-		-		-		-		-		2																				
18+71.82	18.25' LT	798.45	18+69.84	25.75' RT	798.23	0.49%	-	LT&RT	-		-		-		44		-		-		-		-		-		-		2																				
18+83.81	18.21' LT	798.45	18+87.78	25.67' RT	798.23	0.49%	-	LT&RT	-		-		-		44		-		-		-		-		-		-		2																				
295+84.59	32.55' RT	833.10	295+26.64	35.25' RT	831.64	2.52%	-	RT	58		-		-		-		-		-		-		-		-		-		2																				
306+52.00	35.78' LT	842.45	306+52.00	38.20' RT	841.09	1.83%	0.075	LT&RT	-		-		-		-		-		-		-		-		74		-		2																				
332+96.26	43.53' LT	834.93	332+96.18	46.72' RT	833.13	2.00%	0.075	LT&RT	-		-		-		-		-		-		-		-		90		-		2																				
353+27.00	41.64' RT	850.53	353+27.00	43.81' LT	849.09	1.64%	0.075	LT&RT	-		-		-		-		-		88		-		-		-		-		2																				
22+70.00	8.11' LT	837.50	22+70.00	7.88' RT	837.40	0.62%	-	LT&RT	16		-		-		-		-		-		-		-		-		-		2																				
361+50.00	53.17' LT	858.06	361+50.00	59.86' RT	857.28	0.69%	0.075	LT&RT	-		-		-		-		-		-		114		-		-		-		2																				
371+20.00	29.72' LT	868.08	371+19.94	34.31' RT	866.80	2.00%	0.075	LT&RT	-		-		-		-		-		-		-		-		64		-		2																				
387+21.00	34.38' LT	893.10	387+21.00	37.72' RT	892.00	1.53%	0.075	LT&RT	-		-		-		-		-		-		72		-		-		-		2																				
392+77.00	16.30' LT	900.50	392+77.00	17.70' RT	900.25	0.74%	-	LT&RT	-		-		34		-		-		-		-		-		-		-		2																				
402+00.00	31.59' LT	876.00	401+99.97	32.38' RT	874.65	2.11%	0.075	LT&RT	-		-		-		-		-		-		-		-		64		-		2																				
412+70.00	34.37' LT	890.10	412+70.00	43.63' RT	885.47	5.93%	0.060	LT&RT	-		-		-		-		-		78		-		-		-		-		2																				
437+88.70	34.46' RT	924.49	438+46.68	33.66' RT	924.20	0.50%	-	RT	58		-		-		-		-		-		-		-		-		-		2																				
438+86.00	19.99' RT	924.09	438+86.00	20.01' LT	923.73	0.90%	-	LT&RT	-		-		40		-		-		-		-		-		-		-		2																				
438+90.87	20.00' RT	924.09	438+91.00	20.03' LT	923.73	0.90%	-	LT&RT	-		-		40		-		-		-		-		-		-		-		2																				
449+22.01	17.21' RT	926.80	449+22.01	20.83' LT	925.72	2.84%	-	LT&RT	-		38		-		-		-		-		-		-		-		-		2																				
449+27.00	17.21' RT	926.80	449+27.00	20.83' LT	925.72	2.84%	-	LT&RT	-		38		-		-		-		-		-		-		-		-		2																				
459+16.00	18.00' RT	926.97	459+16.00	20.01' LT	926.57	1.05%	-	LT&RT	-		-		38		-		-		-		-		-		-		-		2																				
459+21.00	17.98' RT	926.97	459+21.00	20.03' LT	926.57	1.05%	-	LT&RT	-		-		38		-		-		-		-		-		-		-		2																				
PROJECT TOTALS									229		113		220		266		50		66		290		250		292		62		68																				
*ADDITIONAL ITEMS SHOWN ELSEWHERE IN PLANS										*** PIPE INVERT AND STATION/OFFSET AT END OF PIPE																																							
STORM SEWER ITEMS																																																	
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE																																																	
INLET					OUTLET					608.0315					608.0318					*522.1015					*522.1018					611.0627					611.0642					611.3004					611.3901				
										STORM SEWER PIPE					STORM SEWER PIPE					APRON ENDWALLS					APRON ENDWALLS					INLET					INLET					INLETS					INLETS				
										REINFORCED					REINFORCED					FOR CULVERT PIPE					FOR CULVERT PIPE					COVERS					COVERS					4-FT					MEDIAN				
										CONCRETE					CONCRETE					REINFORCED CONCRETE					REINFORCED CONCRETE					TYPE HM					TYPE MS					DIAMETER					1 GRATE				
										CLASS III 15-INCH					CLASS III 18-INCH					15-INCH					18-INCH					EACH					EACH					EACH					EACH				
										LF					LF																																		
																														</																			

CROSS CULVERT PIPE STRUCTURES

STATION	LOCATION	522.1012	*522.1015	*522.1018	522.1024	522.1030	525.0312	*525.0318	525.0324	525.0330	525.0348	REMARKS
		APRON ENDWALLS FOR	APRON ENDWALLS FOR	APRON ENDWALLS FOR	APRON ENDWALLS FOR	APRON ENDWALLS FOR	APRON ENDWALLS	APRON ENDWALLS	APRON ENDWALLS	APRON ENDWALLS	APRON ENDWALLS	
		CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	CULVERT PIPE	FOR CULVERT PIPE	FOR CULVERT PIPE	FOR CULVERT PIPE	FOR CULVERT PIPE	FOR CULVERT PIPE	
		REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	REINFORCED CONCRETE	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM	
		12-INCH	15-INCH	18-INCH	24-INCH	30-INCH	12-INCH	18-INCH	24-INCH	30-INCH	48-INCH	
		EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	
10+00 - 88+25	ML	2	-	-	-	-	-	-	-	-	-	-
88+25 - 155+21	ML	-	2	2	2	-	2	-	-	-	-	-
155+21 - 209+05	ML	-	-	-	-	-	-	-	-	-	-	-
209+05 - 276+90	ML	-	-	-	4	2	-	4	2	-	2	-
276+90 - 340+55	ML	2	-	-	-	-	-	-	-	4	-	-
340+55 - 465+72	ML	2	4	10	-	-	-	4	4	4	-	-
MAZUR LN	LT&RT	2	-	-	-	-	-	-	-	-	-	-
BIZIAK LN	LT&RT	-	-	-	6	-	-	-	-	-	-	-
GET AWAY LN	LT&RT	2	-	-	-	-	-	-	-	-	-	-
PROJECT TOTALS		10	6	12	12	2	2	8	6	8	2	

*ADDITIONAL ITEMS SHOWN ELSEWHERE IN PLANS

RIPRAP ITEMS

STATION	LOCATION	606.0200	606.0300	645.0120
		RIPRAP MEDIUM CY	RIPRAP HEAVY CY	GEOTEXTILE TYPE HR SY
54+40	RT	3	-	6
109+56	RT	3	-	6
114+75	LT	2	-	5
152+32	RT	4	-	8
222+15	RT	-	7	11
241+11	RT	-	23	35
248+66	LT	6	-	13
256+00	LT	-	30	91
262+79	LT	8	-	17
274+59	LT	15	-	29
306+52	RT	9	-	18
332+96	RT	6	-	12
353+37	LT	4	-	8
361+50	RT	6	-	13
371+20	RT	9	-	18
387+21	RT	6	-	13
392+77	RT	3	-	6
402+00	RT	9	-	18
412+70	RT	4	-	8
438+88	LT	8	-	16
449+24	LT	6	-	12
459+18	LT	6	-	13
PROJECT TOTALS		119	60	374

PIPE UNDERDRAIN ITEMS

							612.0106	645.0111	310.0110
INLET			OUTLET				PIPE	GEOTEXTILE	BASE
		INVERT			OUTLET		UNDERDRAIN	TYPE DF	AGGREGATE
STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION	SLOPE	6-INCH	SCHEDULE A	OPEN-GRADED
							LF	SY	TON
256+99	RT	797.73	257+99	RT	796.03	1.66%	100	56	6
258+99	RT	793.63	257+99	RT	793.13	0.50%	100	56	6
PROJECT TOTALS							200	112	12

MGS ITEMS

STATION	LOCATION	614.2300	614.2610
		MGS GUARDRAIL 3 LF	MGS GUARDRAIL TERMINAL EAT EACH
171+47 - 177+78	LT	525	2
255+22 - 257+28	LT	100	2
400+47 - 404+53	RT	300	2
PROJECT TOTALS		925	6

EROSION CONTROL ITEMS

STATION	LT/RT	628.1504	628.1520	*TURTLE	999.2105.S	628.2004	628.2008	628.7005	628.7010	628.7504	628.7555	628.7570	REMARKS
		SILT FENCE	SILT FENCE	EXCLUSION	MAINTAINING	EROSION	EROSION	INLET	INLET	TEMPORARY	CULVERT	ROCK	
		FENCE	MAINTENANCE	FENCING	CLIMBING TURTLE	MAT CLASS I	MAT URBAN	PROTECTION	PROTECTION	DITCH	PIPE	BAGS	
		LF	LF	LF	EXCLUSION FENCE	TYPE B	TYPE B	TYPE A	TYPE B	CHECKS	CHECKS	EACH	
10+00 - 88+25	LT&RT	2,400	2,400	-	-	3,984	9,033	-	2	24	63	-	-
88+25 - 155+21	LT&RT	2,000	2,000	4,025	4,025	-	19,848	-	-	40	30	-	-
155+21 - 209+05	LT&RT	1,800	1,800	4,000	4,000	-	20,696	-	-	8	39	-	-
209+05 - 276+90	LT&RT	1,100	1,100	9,180	9,180	-	24,303	1	1	32	51	22	-
276+90 - 340+55	LT&RT	1,100	1,100	2,895	2,895	17,936	7,384	1	-	-	39	-	-
340+55 - 465+72	LT&RT	3,300	3,300	-	-	47,841	-	-	-	40	102	-	-
UNDISTRIBUTED		2,900	2,900	-	-	17,439	20,335	-	-	40	-	100	-
PROJECT TOTAL		14,600	14,600	20,100	20,100	87,200	101,600	2	3	184	324	122	

*WORK COMPLETED BY OTHERS

3

DRIVEWAY CULVERT PIPES

		*525.0118 CULVERT PIPE CORRUGATED ALUMINUM 18-INCH	*525.0318 APRON ENDWALLS FOR CULVERT PIPE ALUMINUM 18-INCH		
STATION	LOCATION	LF	EACH	REMARKS	
43+70	LT	42	2	-	
48+55	LT	38	2	-	
55+90	RT	36	2	-	
59+80	LT	34	2	-	
60+50	LT	38	2	-	
71+75	LT	48	2	-	
100+65	LT	30	2	-	
117+55	RT	22	2	-	
118+00	LT	64	2	-	
120+40	RT	32	2	-	
135+70	RT	42	2	-	
137+80	RT	34	2	-	
19+16	LT	46	2	-	
175+05	RT	36	2	-	
178+25	LT	26	2	-	
179+63	RT	34	2	-	
184+00	RT	38	2	-	
184+30	LT	38	2	-	
186+51	RT	44	2	-	
187+34	RT	42	2	-	
191+90	LT	38	2	-	
195+90	RT	44	2	-	
199+20	RT	40	2	-	
202+60	RT	40	2	-	
237+00	LT	34	2	-	
238+86	LT	36	2	-	
239+12	RT	34	2	-	
242+85	RT	38	2	-	
250+50	RT	54	2	-	
251+60	LT	52	2	-	
255+30	RT	40	2	-	
271+50	LT	44	2	-	
290+00	LT	52	2	-	
290+00	RT	38	2	-	
311+45	RT	32	2	-	
315+60	RT	38	2	-	
323+75	RT	40	2	-	
325+30	RT	40	2	-	
327+30	RT	42	2	-	
327+95	LT	42	2	-	
355+65	RT	26	2	-	
CONTINUED					

DRIVEWAY CULVERT PIPES

		*525.0118 CULVERT PIPE CORRUGATED ALUMINUM 18-INCH	*525.0318 APRON ENDWALLS FOR CULVERT PIPE ALUMINUM 18-INCH		
STATION	LOCATION	LF	EACH	REMARKS	
353+80	LT	42	2	-	
353+30	RT	38	2	-	
371+50	RT	64	2	-	
372+60	RT	46	2	-	
393+80	LT	26	2	-	
398+51	LT	40	2	-	
415+35	LT	48	2	-	
420+30	RT	32	2	-	
424+86	LT	44	2	-	
429+04	RT	38	2	-	
440+24	RT	42	2	-	
441+32	LT	28	2	-	
448+01	LT	22	2	-	
450+80	RT	38	2	-	
451+00	LT	36	2	-	
457+45	RT	38	2	-	
458+05	LT	46	2	-	
460+25	RT	40	2	-	
461+93	RT	44	2	-	
463+65	RT	46	2	-	
PROJECT TOTALS		2,406	122		

*ADDITIONAL ITEMS SHOWN ELSEWHERE IN PLANS

ASPHALTIC FLUME ITEMS

		465.0315 ASPHALTIC FLUMES	631.0300 SOD WATER MGAL	631.1200 SOD EROSION CONTROL SANDY SOIL SY
STATION	LOCATION	SY	MGAL	SY
111+25	RT	7	0.2	9
124+85	LT	7	0.2	9
125+50	RT	7	0.2	9
226+50	LT	7	0.2	9
256+25	RT	7	0.2	9
PROJECT TOTALS		35	1.0	45

REMOVING SIGNS

		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)
SIGN #	SIGN MESSAGE	LOCATION	(EACH)	(EACH)	(EACH)
R01-01	STOP SIGN	ROBERT ST	-	1	1
R01-02	ROADWAY TURNS LEFT/20 MPH	CTH A	-	2	1
R01-03	STOP SIGN AHEAD	CTH A	-	1	1
R01-04	STOP SIGN	ROBERT ST	-	1	1
R01-05	STOP SIGN	ELECTRA ST	-	1	1
R01-06	35 MPH SPEED LIMIT	CTH A	-	1	1
R01-07	35 MPH SPEED LIMIT	CTH A	-	1	1
R01-08	STOP SIGN	ROSA AVE	-	1	1
R01-09	CRIVITZ POPULATION/NO ENGINE BREAKING	CTH A	2	-	-
R01-10	BUS STOP AHEAD	CTH A	-	1	1
R01-11	35 MPH SPEED LIMIT	CTH A	-	1	1
R01-12	25 MPH SPEED LIMIT	GENE ST	-	1	1
R01-13	STOP SIGN	GENE ST	-	1	1
R01-14	ROADWAY CURVES RIGHT/35 MPH	CTH A	-	2	1
R01-15	STOP SIGN	KENNY DR	-	1	1
R01-16	35 MPH SPEED LIMIT	CTH A	-	1	1
R02-01	STOP SIGN	DUKE LN	-	1	1
R02-02	ROADWAY CURVES LEFT/35 MPH	CTH A	-	2	1
R02-03	35 MPH SPEED LIMIT	CTH A	-	1	1
R02-04	35 MPH SPEED LIMIT	CTH A	-	1	1
R02-05	35 MPH SPEED LIMIT AHEAD	CTH A	-	1	1
R02-06	STOP SIGN	BUGARSKY LN	-	1	1
R03-01	ROADWAY CURVES LEFT/45 MPH	CTH A	-	2	1
R04-01	ROADWAY CURVES RIGHT/45 MPH	CTH A	-	2	1
R04-02	ROADWAY CURVES RIGHT	CTH A	-	1	1
R04-03	ROADWAY CURVES LEFT	CTH A	-	1	1
R04-04	BUS STOP AHEAD	CTH A	-	1	1
R05-01	CURVES IN ROADWAY	CTH A	-	1	1
R05-04	BUS STOP AHEAD	CTH A	-	1	1
R06-01	STOP SIGN	MAZUR LN	-	1	1
R06-02	STOP SIGN	MAZUR LN	-	1	1
R06-03	RIGHT ARROW	CTH A	-	1	1
R06-05	CURVES IN ROADWAY	CTH A	-	1	1
R07-01	STOP SIGN	SHAFFER RD	-	1	1
R07-02	ROADWAY CURVES RIGHT	CTH A	-	1	1
R07-03	STOP SIGN	JAZWINSKI RD	-	1	1
R07-04	NORTH/CTH A	CTH A	-	2	1
R08-01	ROADWAY CURVES LEFT	CTH A	-	1	1
R08-02	STOP SIGN	JAZWINSKI RD	-	1	1
R08-03	ROADWAY CURVES LEFT	CTH A	-	1	1
R09-01	ROADWAY CURVES RIGHT	CTH A	-	1	1
R09-02	CHEVRON	CTH A	-	2	1
R09-03	CHEVRON	CTH A	-	2	1
SUBTOTALS			2	50	42

3

PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

MISCELLANEOUS QUANTITIES

SHEET

69

E

REMOVING SIGNS						
SIGN #	SIGN MESSAGE	LOCATION	638.2102	638.2602	638.3000	638.4000
			MOVING	REMOVING	REMOVING	MOVING
			SIGNS TYPE II	SIGNS TYPE II	SMALL SIGN	SMALL SIGN
			(EACH)	(EACH)	SUPPORTS	SUPPORTS
R09-04	CHEVRON	CTH A	-	2	1	-
R09-05	CHEVRON	CTH A	-	2	1	-
R09-06	CHEVRON	CTH A	-	2	1	-
R09-07	CHEVRON	CTH A	-	2	1	-
R09-08	CHEVRON	CTH A	-	2	1	-
R09-09	CHEVRON	CTH A	-	2	1	-
R09-10	CHEVRON	CTH A	-	2	1	-
R09-11	BUS STOP AHEAD	CTH A	-	1	1	-
R09-12	BUMP	CTH A	-	1	1	-
R10-01	CHEVRON	CTH A	-	2	1	-
R10-02	CHEVRON	CTH A	-	2	1	-
R10-03	CHEVRON	CTH A	-	2	1	-
R10-04	STOP SIGN	BIZIAK LN	-	1	1	-
R10-05	CHEVRON	CTH A	-	2	1	-
R10-06	CHEVRON	CTH A	-	2	1	-
R10-07	ROADWAY CURVES LEFT/45 MPH	CTH A	-	2	1	-
R11-01	STOP SIGN	NEWTON LAKE RD	-	1	1	-
R11-02	STOP SIGN	NEWTON LAKE RD	-	1	1	-
R11-03	NEWTON LAKE RD	CTH A	1	-	-	1
R11-04	DOUBLE ARROW	KANIKULA RD	-	1	1	-
R11-05	STOP SIGN	KANIKULA RD	-	1	1	-
R13-01	HIDDEN DRIVEWAY	CTH A	-	1	1	-
R15-01	STOP SIGN	PITT LN	-	1	1	-
R16-01	CTH X/CTH A/THROUGH ARROW/DOUBLE ARROW	CTH X	-	4	1	-
R16-02	STOP SIGN	CTH X	-	1	1	-
R16-03	CTH X/CTH A/THROUGH ARROW/DOUBLE ARROW	CTH A	-	4	1	-
R16-04	STOP SIGN	CTH A	-	1	1	-
R16-05	STOP SIGN AHEAD	CTH A	-	1	1	-
R16-06	JCT/CTH X	CTH A	-	2	1	-
R16-07	DESTINATION SIGN	CTH A	1	-	-	1
R16-08	DESTINATION SIGN	CTH A	1	-	-	2
R16-09	STOP SIGN	CTH A	-	1	1	-
R16-10	CTH X/CTH A/THROUGH ARROW/DOUBLE ARROW	CTH A	-	4	1	-
R16-11	STOP SIGN	CTH X	-	1	1	-
R16-12	CTH X/CTH A/THROUGH ARROW/DOUBLE ARROW	CTH X	-	4	1	-
PROJECT TOTALS			5	108	74	5

FINISHING ITEMS							
630.0120 630.0140							
STATION - STATION	625.0500	629.0205	SEEDING	SEEDING	630.0200	630.0500	
	SALVAGED	627.0200	FERTILIZER	MIXTURE	SEEDING	SEED	
	TOPSOIL	MULCHING	TYPE A	NO. 20	NO. 40	TEMPORARY	WATER
	SY	SY	CWT	LB	LB	LB	MGAL
10+00 - 88+25	19,290	6,273	12.20	840	280	520	430
88+25 - 155+21	19,848	-	12.60	890	-	540	450
155+21 - 209+05	20,696	-	13.10	930	-	560	460
209+05 - 276+90	24,303	-	15.40	1,090	-	660	550
276+90 - 340+55	25,320	-	16.00	1,140	-	680	570
340+55 - 465+72	47,841	-	30.20	2,150	-	1,290	1,070
UNDISTRIBUTED QTY	39,302	1,577	25.00	1,760	70	1,060	880
PROJECT TOTALS	196,600	7,850	124.50	8,800	350	5,310	4,410

PERMANENT SIGNING ITEMS										
SIGN NO.	LT/RT	SIGN CODE	SIGN MESSAGE	SIZE W" X H"	637.2210	637.2230	634.0614	634.0616	634.0618	
					SIGNS	SIGNS	POSTS	POSTS	POSTS	
					TYPE II	TYPE II	WOOD	WOOD	WOOD	
							4X6-INCH	4X6-INCH	4X6-INCH	
					REFLECTIVE H	REFLECTIVE F	14-FT	16-FT	18-FT	
					(SF)	(SF)	(EACH)	(EACH)	(EACH)	
01-01	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
01-02	LT	W1-1L	ROADWAY TURNS LEFT	36"x36"	-	9.00	-	-	1	
	LT	W13-1	20 MPH	18"x18"	-	2.25	-	-	-	
01-03	LT	W3-1	STOP SIGN AHEAD	36"x36"	-	9.00	-	1	-	
01-04	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
01-05	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
01-06	LT	R2-1	35 MPH SPEED LIMIT	36"x48"	7.00	-	-	-	1	
01-07	LT	R2-1	35 MPH SPEED LIMIT	36"x48"	7.00	-	-	-	1	
01-08	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
01-10	LT	S3-1	BUS STOP AHEAD	48"48"	-	16.00	-	-	1	
01-11	RT	R2-1	35 MPH SPEED LIMIT	36"x48"	7.00	-	-	-	1	
01-12	RT	R2-1	25 MPH SPEED LIMIT	36"x48"	7.00	-	-	-	1	
01-13	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
01-14	RT	W1-2R	ROADWAY CURVES RIGHT	36"x36"	-	9.00	-	-	1	
	RT	W13-1	35 MPH	18"x18"	-	2.25	-	-	-	
01-15	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
01-16	RT	R2-1	35 MPH SPEED LIMIT	36"x48"	7.00	-	-	-	1	
02-01	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
02-02	LT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	-	1	
	LT	W13-1	35 MPH	18"x18"	-	2.25	-	-	-	
02-03	LT	R2-1	35 MPH SPEED LIMIT	36"x48"	7.00	-	-	-	1	
02-04	RT	R2-1	55 MPH SPEED LIMIT	36"x48"	7.00	-	-	-	1	
02-05	LT	W3-5	REDUCED SPEED AHEAD	36"x36"	-	9.00	-	1	-	
02-06	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
03-01	LT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	1	-	
04-01	LT	W1-2R	ROADWAY CURVES RIGHT	36"x36"	-	9.00	-	1	-	
04-02	RT	W1-2R	ROADWAY CURVES RIGHT	36"x36"	-	9.00	-	1	-	
04-03	LT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	1	-	
04-04	RT	S3-1	BUS STOP AHEAD	48"48"	-	16.00	-	-	1	
05-01	RT	W1-2R	ROADWAY CURVES RIGHT	36"x36"	-	9.00	-	1	-	
05-02	LT	W1-6	RIGHT ARROW	48"x24"	-	8.00	-	1	-	
05-03	LT	W1-6	LEFT ARROW	48"x24"	-	8.00	-	-	-	
05-04	LT	S3-1	BUS STOP AHEAD	48"48"	-	16.00	-	-	1	
05-05	LT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	1	-	
05-06	RT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	1	-	
06-01	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
06-02	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
06-03	RT	W1-6	RIGHT ARROW	48"x24"	-	8.00	-	1	-	
06-04	RT	W1-6	LEFT ARROW	48"x24"	-	8.00	-	-	-	
06-05	LT	W1-2R	ROADWAY CURVES RIGHT	36"x36"	-	9.00	-	1	-	
07-01	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
07-02	RT	W1-2R	ROADWAY CURVES RIGHT	36"x36"	-	9.00	-	1	-	
07-03	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
07-04	RT	J1-1	CTH A NORTH	36"x57"	14.25	-	-	-	1	
08-01	LT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	1	-	
08-02	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1	-	
08-03	RT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	1	-	
09-01	RT	W1-2R	ROADWAY CURVES RIGHT	36"x36"	-	9.00	-	1	-	
09-02	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-	-	
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-	-	
09-03	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-	-	
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-	-	
09-04	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-	-	
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-	-	
SUBTOTALS					160.23	269.75	3	29	14	

PERMANENT SIGNING ITEMS

				637.2210	637.2230	634.0614	634.0616	634.0618
				SIGNS	SIGNS	POSTS	POSTS	POSTS
				TYPE II	TYPE II	WOOD	WOOD	WOOD
						4X6-INCH	4X6-INCH	4X6-INCH
				REFLECTIVE H	REFLECTIVE F	14-FT	16-FT	18-FT
SIGN NO.	LT/RT	SIGN CODE	SIGN MESSAGE	SIZE W" X H"	(SF)	(SF)	(EACH)	(EACH)
09-05	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
09-06	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
09-07	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
09-08	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
09-09	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
09-10	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
09-11	RT	S3-1	BUS STOP AHEAD	48"x48"	-	16.00	-	1
10-01	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
10-02	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
10-03	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
10-04	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
10-05	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
10-06	LT	W1-8	CHEVRON	24"x30"	-	5.00	1	-
	LT	W1-8	CHEVRON	24"x30"	-	5.00	-	-
10-07	LT	W1-2L	ROADWAY CURVES LEFT	36"x36"	-	9.00	-	1
11-01	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
11-02	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
11-04	RT	W1-7	DOUBLE ARROW	60"x30"	-	12.50	-	1
11-05	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
13-01	RT	W11-19A	HIDDEN DRIVEWAY	36"x36"	-	9.00	-	1
15-01	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
16-01	LT	J13-2	CTH X/CTH A/THROUGH ARROW/DOUBLE ARROW	72"x66"	33.00	-	-	2
16-02	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
16-03	LT	J13-2	CTH X/CTH A/THROUGH ARROW/DOUBLE ARROW	72"x66"	33.00	-	-	2
16-04	LT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
16-05	RT	W3-1	STOP SIGN AHEAD	36"x36"	-	9.00	-	1
16-06	RT	J4-1	JCT CTH X	36"x54"	13.50	-	-	1
16-09	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
16-10	RT	J13-2	CTH X/CTH A/THROUGH ARROW/DOUBLE ARROW	72"x66"	33.00	-	-	2
16-11	RT	R1-1	STOP SIGN	36"x36"	7.46	-	-	1
16-12	RT	J13-2	CTH X/CTH A/THROUGH	72"x66"	33.00	-	-	2
PROJECT TOTALS				372.87	435.25	14	42	24

NO PASSING ZONES

		648.0100	
		LOCATING	
		NO-PASSING	
		ZONES	
STATION	LOCATION	MI	REMARKS
32+00 - 465+73	LT&RT	8.214	-
PROJECT TOTALS		8.214	

SAWING ASPHALT

		690.0150	
		SAWING	
		ASPHALT	
STATION	LOCATION	LF	REMARKS
DRIVEWAYS	LT&RT	450	-
PROJECT TOTALS		450	

PAVEMENT MARKING

STATION	LOCATION	643.3165		646.2020				646.6466			
		TEMPORARY MARKING		MARKING LINE				COLD WEATHER MARKING			
		LINE PAINT		EPOXY 6-INCH				EPOXY 6-INCH			
		6-INCH		SOLID	3'SKIP	SOLID	12.5'SKIP	SOLID	3'SKIP	SOLID	12.5'SKIP
		WHITE	YELLOW	WHITE	WHITE	YELLOW	YELLOW	WHITE	WHITE	YELLOW	YELLOW
		LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
10+00 - 88+25	ML	15,089	9,817	15,089	9	8,854	963	15,089	9	8,854	963
88+25 - 155+21	ML	13,118	13,392	13,118	36	13,392	-	13,118	36	13,392	-
155+21 - 209+05	ML	10,515	7,826	10,515	36	7,113	713	10,515	36	7,113	713
209+05 - 276+90	ML	13,262	11,992	13,262	33	11,492	500	13,262	33	11,492	500
276+90 - 340+55	ML	12,311	10,902	12,311	12	10,352	550	12,311	12	10,352	550
340+55 - 465+72	ML	23,806	18,678	23,806	-	17,190	1,488	23,806	-	17,190	1,488
CTH X	SIDEROAD	409	520	409	-	520	-	409	-	520	-
PROJECT TOTALS		161,636		161,762				161,762			

SURVEY MONUMENTS

680.0100			
PUBLIC LAND SURVEY			
MONUMENT VERIFY			
AND RESET			
STATION	LOCATION	EACH	REMARKS
15+35	LT	1	-
28+34	LT	1	-
106+82	LT	1	-
282+58	LT	1	-
308+66	RT	1	-
335+35	RT	1	-
358+13	RT	1	-
384+93	RT	1	-
411+73	RT	1	-
438+24	RT	1	-
464+79	RT	1	-
PROJECT TOTALS		11	

TRAFFIC CONTROL

LOCATION	APPROX. SERVICE PERIOD	643.0300		643.0420		643.0705		643.0900		**643.0920		643.1050		NOTES
		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		TRAFFIC CONTROL		
		BARRICADES		BARRICADES		WARNING LIGHTS		WARNING LIGHTS		COVERING SIGNS		COVERING SIGNS		
		DRUMS	TYPE III	TYPE III	TYPE III	TYPE A	TYPE A	TYPE A	TYPE A	TYPE II	TYPE II	TYPE II	TYPE II	
DAYS	QTY.	DAY	QTY.	DAY	QTY.	DAY	QTY.	DAY	QTY.	DAY	EACH	QTY.	DAY	
PRE-WARNING	7	10	70	0	0	0	0	0	0	0	-	2	14	PRE-WARN PRIOR TO CONSTRUCTION
324+00 - 414+00	50	0	0	14	700	28	1,400	22	1,100	2	2	100		FULL CLOSURE SEGMENT
ENTIRE PROJECT	99	0	0	-	-	-	-	42	4,158	-	0	0		-
		70		700		1,400		5,258		2		114		
PROJECT TOTALS		70		700		1,400		5,258		2		114		

**NUMBER OF CYCLES = 1

ADJUSTING UTILITIES

			611.8110 ADJUSTING MANHOLE COVERS	SPV.0060.01 ADJUSTING WATER VALVE BOX	SPV.0060.02 ADJUSTING SANITARY MANHOLE COVERS	
CATEGORY	STATION	LOCATION	EACH	EACH	EACH	REMARKS
0010	28+70	RT	1	-	-	-
CATEGORY 0010 TOTAL			1	0	0	
0020	11+15	LT	-	-	1	-
	11+74	RT	-	-	1	-
	14+30	LT	-	-	1	-
	15+75	RT	-	-	1	-
	17+08	LT	-	-	1	-
	34+76	LT	-	-	1	-
	38+71	LT	-	1	-	-
	38+76	LT	-	-	1	-
CATEGORY 0020 TOTAL			0	1	7	
PROJECT TOTALS			1	1	7	

CONSTRUCTION STAKING ITEMS

STATION	LOCATION	650.4000		650.4500		650.5000		650.5500		650.6000		650.8000		650.9920	
		CONSTRUCTION		CONSTRUCTION		CONSTRUCTION		CONSTRUCTION		CONSTRUCTION		CONSTRUCTION		CONSTRUCTION	
		STAKING STORM SEWER		STAKING SUBGRADE		STAKING BASE		STAKING CURB GUTTER		STAKING PIPE		STAKING RESURFACING		STAKING	
		EACH		LF		LF		LF		EACH		LF		LF	
10+00 - 465+72	LT&RT	4		6,060		45,572		3,005		30		39,512		45,572	
PROJECT TOTALS		4		6,060		45,572		3,005		30		39,512		45,572	



STATE OF WISCONSIN
MARINETTE COUNTY HIGHWAY DEPT
TRANSPORTATION PROJECT PLAT TITLE SHEET
9258-05-72
MARINETTE CO, CTH A
ROSA AVENUE TO CTH X
CTH A
MARINETTE COUNTY

CONVENTIONAL SYMBOLS

SECTION LINE	---	SECTION CORNER SYMBOL		R/W MONUMENT (TO BE SET)	•
QUARTER LINE	---	SECTION CORNER MONUMENT		NON-MONUMENTED R/W POINT	○
SIXTEENTH LINE	---	GEODETIC SURVEY MONUMENT		FOUND IRON PIN (1-INCH UNLESS NOTED)	IP XXXXX
NEW REFERENCE LINE	---	SIXTEENTH CORNER MONUMENT		OFF-PREMISE SIGN	
NEW R/W LINE	---	SIGN			
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	---				
BRIDGE	---				
CULVERT	---				
TO BE REMOVED	---				
PARALLEL OFFSETS	---				
UTILITY NUMBER	---				

CONVENTIONAL ABBREVIATIONS

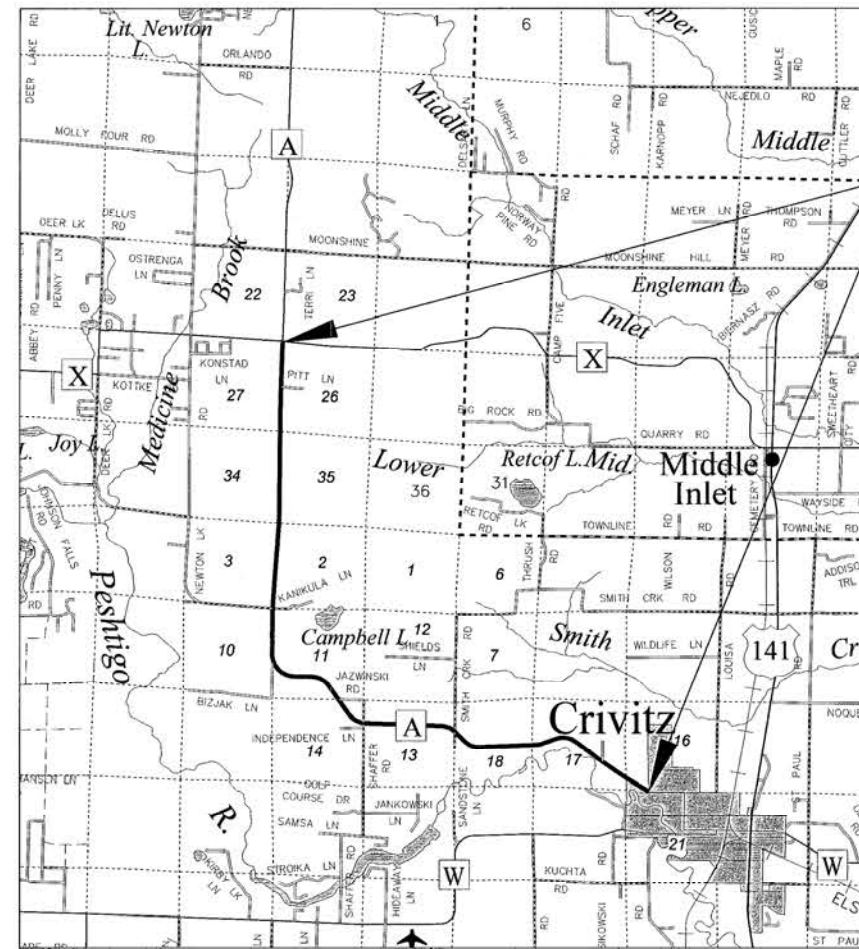
ACCESS RIGHTS	AR	POINT OF COMPOUND CURVE	PCC
ACRES	AC	POINT OF INTERSECTION	PI
AHEAD	AH	PROPERTY LINE	PL
ALUMINUM	ALUM	RECORDED AS	(100')
AND OTHERS	ET AL	REEL / IMAGE	R/I
BACK	BK	REFERENCE LINE	R/L
BLOCK	BLK	REMAINING	REM
CENTERLINE	C/L	RESTRICTIVE DEVELOPMENT	RDE
CERTIFIED SURVEY MAP	CSM	EASEMENT	
CONCRETE	CONC	RIGHT	RT
COUNTY	CO	RIGHT OF WAY	R/W
COUNTY TRUNK HIGHWAY	CTH	SECTION	SEC
DISTANCE	DIST	SEPTIC VENT	SEPV
CORNER	COR	SQUARE FEET	SF
DOCUMENT NUMBER	DOC	STATE TRUNK HIGHWAY	STH
EASEMENT	EASE	STATION	STA
EXISTING	EX	TELEPHONE PEDESTAL	TP
GAS VALVE	GV	TEMPORARY LIMITED	TLE
GRID NORTH	GN	EASEMENT	
HIGHWAY EASEMENT	HE	TRANSPORTATION PROJECT PLAT	TPP
IDENTIFICATION	ID	UNITED STATES HIGHWAY	USH
LAND CONTRACT	LC	VOLUME	V
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		

CURVE DATA ABBREVIATIONS

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	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

WATER	---
GAS	---
TELEPHONE	---
OVERHEAD TRANSMISSION LINES	---
ELECTRIC	---
CABLE TELEVISION	---
FIBER OPTIC	---
SANITARY SEWER	---
STORM SEWER	---
ELECTRIC TOWER	---



PROJECT LOCATION

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 9258-05-72.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 AND PERMANENT EASEMENT 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.

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, CENTERLINE OF EXISTING PAVEMENTS AND/OR EXISTING OCCUPATIONAL LINES.

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.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD. 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 CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT OFFICE IN PESHTIGO.

PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE TPP DETAIL PAGES.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL ARE LISTED ON THE TPP DETAIL PAGES.

PROJECT NUMBER 9258-05-72-4.01
SHEET 2 OF 2
AMENDMENT NO:

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.01

THAT PART OF LOT 46, CSM 2962, V. 20, P. 48, DOC. 696682, PART OF LOTS 1 THRU 3 AND LOTS 9 THRU 12, RIVER RIDGE, PART OF LOT 1, CSM 4083, V. 28, P. 228, DOC. 821932, LOCATED IN PART OF GOV. LOT 2, SECTION 16, VILLAGE OF CRIVITZ, AND THAT PART OF GOV. LOT 2, SECTION 16, TOWN OF STEPHENSON, AND THAT PART OF GOV. LOT 7, SECTION 17, TOWN OF STEPHENSON, ALL IN TOWNSHIP 32 NORTH, RANGE 20 EAST, MARINETTE COUNTY, WISCONSIN.

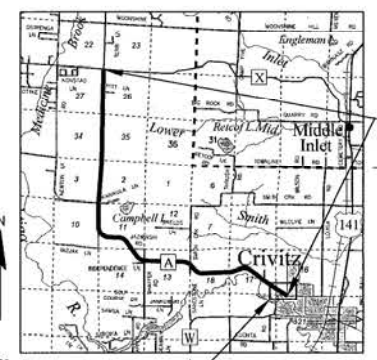
RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE



PROJECT LOCATION

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 2.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 AND PERMANENT 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 THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE COUNTY.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
29	RICHARD S. GERBYSHAK	FEE / TLE	0.31	1.03	1.34	0.11
31	JOSEPH JOHN DUDKIEWICZ AND ASHLEY MARIE DUDKIEWICZ	FEE / TLE	0.15	0.63	0.78	0.03
32	RANDY A. LOCHNER	FEE	0.02	0.25	0.27	-
33	ROBERT B. FROELICH AND JOSEPHINE FROELICH	FEE / TLE	0.05	0.28	0.33	0.01
34	ANDREW J. IANOPoulos	FEE / TLE	0.01	0.11	0.12	0.01
36	TRACY L. RAMSEY AND MARCI M. RAMSEY	FEE / TLE	0.05	0.26	0.31	0.03
37	JAMES D. LAVESSE AND CYNTHIA K. LAVESSE	FEE	0.04	0.20	0.24	-
38	ROGER F. LABOMBARD SR. AND PATRICIA LABOMBARD	FEE	0.01	0.10	0.11	-
39	DAVID D. FRYE	FEE	0.02	0.10	0.12	-
41	BRIAN J. ARPKE AND REBECCA L. ARPKE	FEE / TLE	0.14	0.72	0.86	0.01

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.01
SHEET 1 OF 2

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC	RELEASE OF RIGHTS
202	WISCONSIN PUBLIC SERVICE CORP - GAS	RELEASE OF RIGHTS
203	ASTREA - COMMUNICATIONS	RELEASE OF RIGHTS

UTILITY EASEMENT TABLE		
UTILITY NUMBER	PARCEL	NAME
200	29, 32	NO RECORD OF EASEMENT
201	33	NO RECORD OF EASEMENT
202	31, 36	NO RECORD OF EASEMENT
203	36, 37, 38, 39	NO RECORD OF EASEMENT

TOWN

CURVE TABLE				
CURVE	LENGTH	LONG CHORD BEARING	RADIUS	
285-286	211.83'	210.92'	S 65° 16' 11" E	660.00'

FEE - COURSE TABLE			
COURSE	BEARING	DISTANCE	
266 - 267	S 00° 54' 04" W	30.00'	
267 - 268	N 89° 41' 20" W	86.61'	
268 - 269	N 55° 56' 49" W	54.01'	
269 - 270	N 55° 56' 49" W	44.40'	
270 - 271	N 75° 35' 45" W	66.67'	
271 - 272	N 57° 56' 19" W	67.83'	
272 - 273	N 41° 22' 14" W	78.79'	
273 - 274	N 56° 04' 30" W	607.00'	
274 - 275	N 71° 29' 17" W	75.25'	
275 - 276	N 56° 04' 30" W	66.36'	
276 - 277	N 37° 57' 00" W	64.29'	
277 - 278	N 56° 04' 30" W	381.05'	
278 - 279	N 56° 04' 30" W	983.34'	
279 - 281	S 88° 18' 53" E	74.98'	
281 - 283	S 88° 18' 53" E	74.98'	
283 - 284	S 56° 04' 30" E	798.53'	
284 - 285	S 56° 04' 30" E	1332.17'	
285 - 286	SEE CURVE TABLE		
286 - 264	S 75° 59' 38" E	35.23'	
264 - 265	S 00° 50' 32" E	41.04'	
265 - 266	S 00° 50' 32" E	17.80'	

GOV LOT 7
SECTION 17

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
263	44+12.04	0.00'
264	28+46.82	40.00' RT
265	28+37.36	0.00'
267	28+28.47	46.91' LT
268	29+06.24	67.67' LT
269	29+54.31	53.92' LT
270	29+95.00	45.35' LT
271	30+55.51	60.00' LT
272	31+18.79	60.00' LT
273	31+95.00	40.00' LT
274	38+02.00	40.00' LT
275	38+74.54	60.00' LT
276	39+40.90	60.00' LT
277	40+02.00	40.00' LT
278	43+83.05	40.00' LT
279	53+66.39	40.00' LT
281	53+02.97	0.00'
283	52+39.55	40.00' RT
284	44+41.02	40.00' RT
285	31+08.86	40.00' RT
286	28+84.19	40.00' RT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
800	31+75.95	45.00' LT
801	38+20.14	45.00' LT
802	48+35.00	40.00' LT
803	48+50.00	43.00' LT
804	49+25.00	43.00' LT
805	49+40.00	40.00' LT
806	52+00.00	40.00' RT
807	51+50.00	45.00' RT
808	50+50.00	45.00' RT
809	50+25.00	40.00' RT
810	48+15.00	40.00' RT
811	48+05.00	43.00' RT
812	47+00.00	43.00' RT
813	46+90.00	40.00' RT
814	37+25.00	40.00' RT
815	37+00.00	46.00' RT
816	34+50.00	45.00' RT
817	34+00.00	50.00' RT
818	32+10.00	45.00' RT
819	30+98.00	43.00' RT
820	30+00.00	45.00' RT

RECOVERED MONUMENTS					
POINT	Y	X	DESCRIPTION	STATION	OFFSET
51420	199894.016	703597.799	1 1/4" IRON PIPE	28+32.12	123.66' RT
51430	199804.266	703600.326	1 1/4" IRON PIPE	28+10.87	35.82' RT
70647	199727.517	703481.181	ALUM MON	29+06.39	67.11' LT
70662	199858.879	703286.232	1" IRON PIPE	31+25.42	35.54' LT
70659	200109.706	702914.232	1" IRON PIPE	35+74.09	35.02' LT
70643	200188.049	702797.981	1" IRON PIPE	37+14.27	34.90' LT
70640	200277.520	702665.557	2" IRON PIPE	38+74.09	34.57' LT
70641	200264.189	702656.685	1" IRON PIPE	38+74.01	50.58' LT
70656	200314.446	702610.652	2" IRON PIPE	39+40.26	34.57' LT
70654	200495.334	702342.408	1" IRON PIPE	42+63.79	34.18' LT
70655	200426.172	702444.944	1" IRON PIPE	41+40.11	34.34' LT
70639	200563.828	702239.794	3" IRON PIPE	43+87.16	34.62' LT
70554	200628.945	702261.305	REBAR W/CAP	44+05.66	31.42' RT

I, JASON L. CANCE 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 MARINETTE COUNTY, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SIGNATURE: [Signature] DATE: 11-8-24
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY.
SIGNATURE: [Signature] DATE: [Blank]
PRINT NAME: ERIC BURMEISTER



70246

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.02

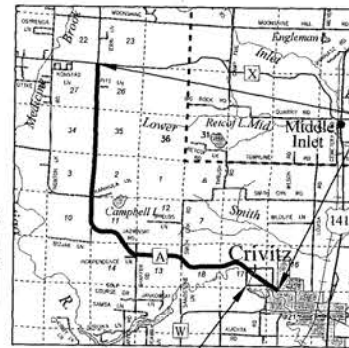
THAT PART OF THE NE 1/4 OF THE SE 1/4 AND THAT PART OF LOTS 1 & 2, CSM 4629, DOC. 881013, LOCATED IN AND INCLUDING PART OF GOV. LOT 6, SECTION 17, TOWNSHIP 32 NORTH, RANGE 20 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE

PROJECT LOCATION

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TFP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A / NORTH AVE, BUGARSKY LN	CSM 4629, DOC. 881013	2024

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC	RELEASE OF RIGHTS

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
31	JOSEPH JOHN DUDKIEWICZ AND ASHLEY MARIE DUDKIEWICZ	FEE	0.05	0.23	0.28	-
40	HARRY D. DUDKIEWICZ	FEE / TLE	0.04	0.21	0.25	0.03
41	BRIAN J. ARPKE AND REBECCA L. ARPKE	FEE	0.12	0.53	0.65	-
42	HARRY D. DUDKIEWICZ	FEE / TLE	0.03	0.19	0.22	0.03
43	DOROTHY C. DUDKIEWICZ	FEE / TLE	0.04	0.21	0.25	0.02
44	CAROL BADORA AND JUDITH KUCHTA	FEE / TLE	0.21	0.85	1.06	0.02
45	CAROL BADORA AND JUDITH KUCHTA	FEE / TLE	0.20	0.97	1.17	0.07
46	SUSAN PAGE AND BRIAN PAGE	FEE	0.06	0.32	0.38	-

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.02

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	44, 45	NO RECORD OF EASEMENT	BRIGHTSPEED
201	41, 45	NO RECORD OF EASEMENT	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC

QUARTER LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
149 - 294	S 88° 38' 25" E	2816.04'
298 - 9055	S 88° 38' 25" E	2439.94'
149 - 9055	S 88° 38' 25" E	5393.88'

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
294 - 296	S 88° 38' 25" E	68.95'
296 - 298	S 88° 38' 25" E	68.95'
298 - 299	S 53° 10' 52" E	390.31'
299 - 300	SEE CURVE TABLE	
300 - 301	S 51° 33' 35" E	554.92'
301 - 302	SEE CURVE TABLE	
302 - 303	S 81° 33' 24" E	41.53'
303 - 304	S 53° 23' 45" E	82.69'
304 - 305	S 40° 01' 39" E	81.44'
305 - 306	SEE CURVE TABLE	
306 - 283	S 56° 04' 30" E	593.51'
283 - 281	N 88° 18' 53" W	74.98'
281 - 279	N 88° 18' 53" W	74.98'
279 - 290	N 56° 04' 30" W	466.67'
290 - 291	SEE CURVE TABLE	
291 - 292	N 51° 33' 35" W	554.92'
292 - 293	SEE CURVE TABLE	
293 - 294	N 53° 10' 52" W	502.64'

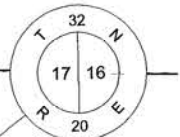
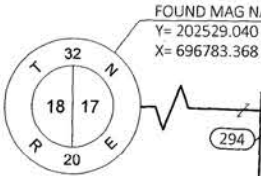
CURVE TABLE				
CURVE	LENGTH	LONG CHORD	LONG CHORD BEARING	RADIUS
299-300	315.23'	315.22'	S 52° 22' 14" E	11140.00'
290-291	438.16'	438.04'	N 53° 49' 03" W	5560.00'
301-302	97.66'	97.66'	S 52° 04' 13" E	5480.00'
305-306	135.64'	135.64'	S 55° 21' 57" E	5480.00'
292-293	312.97'	312.96'	N 52° 22' 14" W	11060.00'

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
279	53+66.39	40.00' LT
281	53+02.97	0.00'
283	52+39.55	40.00' RT
290	58+33.07	40.00' LT
291	62+68.07	40.00' LT
292	68+22.99	40.00' LT
293	71+37.09	40.00' LT
294	76+39.73	40.00' LT
296	75+83.56	0.00'
298	75+27.40	40.00' RT
299	71+37.09	40.00' RT
300	68+22.99	40.00' RT
301	62+68.07	40.00' RT
302	61+69.70	40.00' RT
303	61+32.97	60.00' RT
304	60+49.37	60.00' RT
305	59+69.70	40.00' RT
306	58+33.07	40.00' RT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
830	68+50.00	44.00' LT
831	69+10.00	40.00' LT
832	71+10.00	40.00' LT
833	71+25.00	44.00' LT
834	72+00.00	44.00' LT
835	72+15.00	40.00' LT
836	74+90.00	40.00' RT
837	74+80.00	46.00' RT
838	71+45.00	46.00' RT
839	71+25.00	48.00' RT
840	70+50.00	52.00' RT
841	70+20.00	52.00' RT
842	68+65.00	40.00' RT
843	59+85.23	44.00' RT
844	55+75.00	44.00' RT
845	55+65.00	40.00' RT

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
9055 - 9058	S 02° 00' 12" E	2638.89'

STEPHENSON



FOUND 4" BRASS CAP
Y=199763.753
X=702267.974

I, JASON L. CANCE 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 MARINETTE COUNTY, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SIGNATURE: *Jason L. Cance* DATE: 11-13-24
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY
[Signature]

SIGNATURE: *Eric Burmeister* DATE: 11-15-24
PRINT NAME: ERIC BURMEISTER



10 N BRIDGE ST
CHIPPEWA FALLS WI 54729

FILE NAME: X:\KOW\MARCO\174982\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D - 2022\92580572\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE: 11-13-24

PLOT DATE: 11/13/2024 9:04 AM

PLOT BY: SEH

PLOT NAME:

9258-05-72-4 75

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.03 AMENDMENT NO: 1
REVISES PARCEL NO: 42 OF TRANSPORTATION PROJECT PLAT 9258-05-72-4.03 RECORDED AS
DOCUMENT NO: 886940

THAT PART OF THE SW 1/4 OF THE NE 1/4, THAT PART OF GOV. LOT 5, THAT PART OF LOTS 1 THRU 4, CSM 735,
DOC. 504811, LOCATED IN AND INCLUDING PART OF GOV. LOT 4, ALL IN SECTION 17, TOWNSHIP 32 NORTH,
RANGE 20 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY
DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND
INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY,
HEREBY ORDERS THAT:

- THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAY OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE
ABOVE PROJECT.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE
ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET,
RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN
MARINETTE COUNTY AS SHEET 2 OF 2, TYP 3, PG 34, DOCUMENT
NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE
REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY,
NAD83 (2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID
COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID
DISTANCES MAY BE USED AS GROUND DISTANCES.

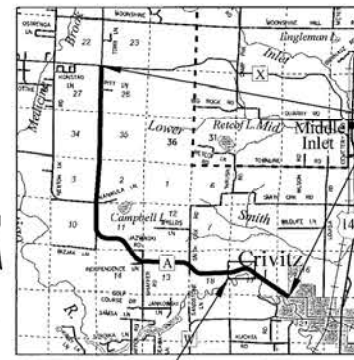
ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY
3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE
PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT
THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE
AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS
TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

LOCATION SKETCH

NOT TO SCALE



PROJECT LOCATION

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
42	HARRY D. DUDKIEWICZ	FEE / TLE	0.49	2.47	2.96	0.29
44	CAROL BADORA AND JUDITH KUCHTA	FEE / TLE	0.40	0.96	1.36	0.27
47	FLORENCE MOLT, HARRY D. DUDKIEWICZ, TERRY DUDKIEWICZ, TAMMY WALKER, JIMMY DUDKIEWICZ, MICHAEL COLLINS AND WENDY COLLINS	FEE / TLE	0.02	0.08	0.10	0.01
48	R. MITCHELL EDWARDS AND HEATHER J. EDWARDS	FEE / TLE	0.02	0.08	0.10	0.01
49	DOUGLAS BRYLOW AND AUDREY BRYLOW	FEE	0.03	0.14	0.17	-
51	SCOTT J. RICHLIN AND JANET L. RICHLIN	FEE / TLE	0.01	0.02	0.03	0.01
52	EDWARD AND MARYANN RICHLIN TRUST	FEE / TLE	0.02	0.10	0.12	0.02

TPP 3 Pg 36

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.03
AMENDMENT NO: 1

UTILITY INTERESTS REQUIRED			
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED	
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS	
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC	RELEASE OF RIGHTS	

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	42	NO RECORD OF EASEMENT	BRIGHTSPEED
201	42	DOC. 768376	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC

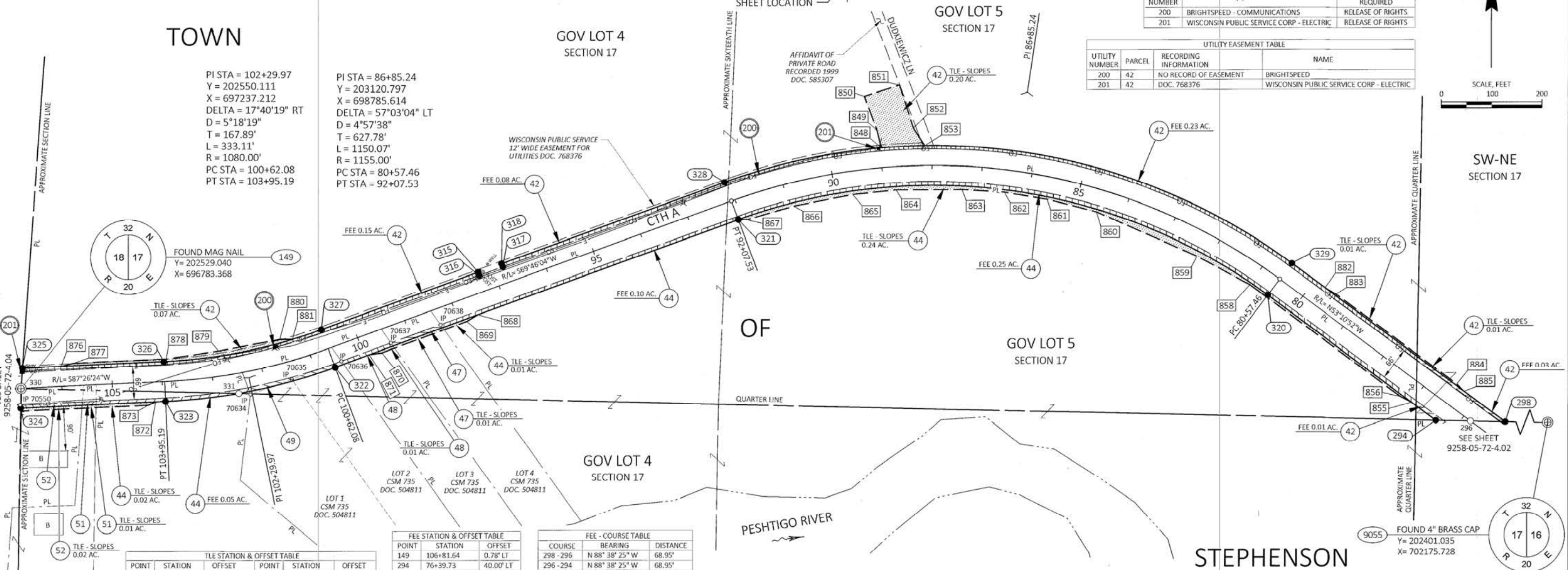
TOWN

PI STA = 102+29.97
Y = 202550.111
X = 697237.212
DELTA = 17°40'19" RT
D = 5°18'19"
T = 167.89'
L = 333.11'
R = 1080.00'
PC STA = 100+62.08
PT STA = 103+95.19

PI STA = 86+85.24
Y = 203120.797
X = 698785.614
DELTA = 57°03'04" LT
D = 4°57'38"
T = 627.78'
L = 1150.07'
R = 1155.00'
PC STA = 80+57.46
PT STA = 92+07.53

GOV LOT 4
SECTION 17

GOV LOT 5
SECTION 17



TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
848	88+98.00	40.00' RT	867	91+91.00	46.00' LT
849	89+03.00	75.00' RT	868	97+60.00	40.00' LT
850	89+20.00	145.00' RT	869	97+85.00	45.00' LT
851	88+57.00	162.00' RT	870	99+65.00	45.00' LT
852	88+35.00	75.00' RT	871	99+90.00	40.00' LT
853	88+14.00	40.00' RT	872	104+15.00	40.00' LT
855	77+00.00	40.00' LT	873	104+30.00	46.00' LT
856	77+25.00	44.00' LT	876	106+00.00	40.00' RT
858	81+00.00	44.00' LT	877	105+75.00	45.00' RT
859	82+25.00	50.00' LT	878	103+90.00	45.00' RT
860	84+54.00	45.00' LT	879	102+80.00	50.00' RT
861	85+60.00	45.00' LT	880	101+50.00	47.00' RT
862	86+50.00	45.00' LT	881	101+25.00	40.00' RT
863	87+38.00	47.00' LT	882	79+75.00	40.00' RT
864	88+75.00	47.00' LT	883	79+50.00	43.00' RT
865	89+65.00	47.00' LT	884	76+50.00	43.00' RT
866	90+90.00	47.00' LT	885	76+30.00	40.00' RT

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
149	106+81.64	0.78' LT
294	76+39.73	40.00' LT
296	75+83.56	0.00'
298	75+27.40	40.00' RT
315	97+30.00	40.00' RT
316	97+30.00	33.12' RT
317	96+80.00	33.07' RT
318	96+80.00	40.00' RT
320	80+57.46	40.00' LT
321	92+07.53	40.00' LT
322	100+62.08	40.00' LT
323	103+95.19	40.00' LT
324	106+83.94	40.00' LT
325	106+76.97	40.00' RT
326	103+95.19	40.00' RT
327	100+62.08	40.00' RT
328	92+07.53	40.00' RT
329	80+57.46	40.00' RT
330	106+81.55	0.00'

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
298 - 296	N 88° 38' 25" W	68.95'
296 - 294	N 88° 38' 25" W	68.95'
294 - 320	N 53° 10' 52" W	417.74'
320 - 321	SEE CURVE TABLE	
321 - 322	S 69° 46' 04" W	854.55'
322 - 323	SEE CURVE TABLE	
323 - 324	S 87° 26' 24" W	288.74'
324 - 149	N 00° 47' 39" E	39.29'
149 - 330	N 03° 58' 25" E	0.78'
330 - 325	N 03° 58' 25" E	40.26'
325 - 326	N 87° 26' 24" E	281.77'
326 - 327	SEE CURVE TABLE	
327 - 315	N 69° 46' 04" E	332.08'
315 - 316	S 20° 13' 56" E	6.88'
316 - 317	N 69° 49' 32" E	50.00'
317 - 318	N 69° 46' 04" E	332.08'
318 - 328	N 20° 13' 56" W	6.93'
328 - 329	SEE CURVE TABLE	
329 - 298	S 53° 10' 52" E	530.00'

CURVE TABLE				
CURVE	LENGTH	LONG CHORD	BEARING	RADIUS
320-321	1110.24'	1064.94'	N 81° 42' 24" W	1115.00'
322-323	345.45'	344.08'	S 78° 36' 14" W	1120.00'
326-327	320.77'	319.50'	N 78° 36' 14" E	1040.00'
328-329	1189.90'	1141.34'	S 81° 42' 24" E	1195.00'

QUARTER LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
9055 - 298	N 88° 38' 25" W	2439.95'
294 - 331	N 88° 38' 25" W	2382.41'
331 - 149	N 88° 38' 25" W	433.62'
9055 - 149	N 88° 38' 25" W	5393.88'

RECOVERED MONUMENTS					
POINT	Y	X	DESCRIPTION	STATION	OFFSET
70550	202496.113	696781.722	1 1/2" IRON PIPE	106+84.95	33.60' LT
70634	202516.643	697240.113	2" IRON PIPE	102+32.45	46.36' LT
70635	202546.826	697322.334	1" IRON PIPE	101+48.64	36.09' LT
70636	202582.954	697420.967	REBAR W/CAP	100+46.39	32.73' LT
70637	202619.193	697519.336	REBAR W/CAP	99+41.56	32.75' LT
70638	202655.398	697618.013	1" IRON PIPE	98+36.45	32.90' LT

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	POS. DOC. 070945	2008
CTH A	POS. DOC. 585307	1999
CTH A	CSM 735, DOC. 504811	1991
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610029	

STEPHENSON



10 N BRIDGE ST
CHIPPEWA FALLS WI 54729



SIGNATURE: DATE: 4-10-25
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR
MARINETTE COUNTY
SIGNATURE: DATE: 4/14/2025
PRINT NAME: ERIC BURMEISTER

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.04 AMENDMENT NO: 1
REVISES PARCEL NO: 58 OF TRANSPORTATION PROJECT PLAT 9258-05-72-4.04 RECORDED AS
DOCUMENT NO: 886941

THAT PART OF THE SE 1/4 OF THE NE 1/4, PART OF THE SW 1/4 OF THE NE 1/4, PART OF LOT 1, CSM 1344, V. 8, P. 355, DOC. 572931, LOCATED IN AND INCLUDING PART OF GOV. LOT 6, AND PART OF LOT 1 CSM 1344, V. 8, P. 355, DOC. 572931, LOCATED IN AND INCLUDING PART OF GOV. LOT 5, ALL IN SECTION 18, TOWNSHIP 32 NORTH, RANGE 20 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TTP 3, PG 34, DOCUMENT NUMBER 886719.

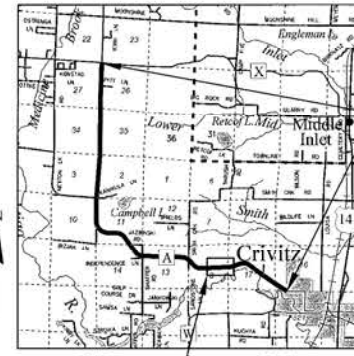
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

LOCATION SKETCH
NOT TO SCALE



SHEET LOCATION

PROJECT LOCATION

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
52	EDWARD AND MARYANN RICHLIN TRUST	FEE / TLE	0.17	0.85	1.02	0.27
53	JIM RICHLIN	FEE / TLE	0.13	0.60	0.73	0.10
54	RICHLIN FAMILY LIMITED PARTNERSHIP	FEE	0.11	0.47	0.58	-
56	JOSEPH MAZUR AND GENEVIEVE M. MAZUR, ROBERT MAZUR, KRISTINA MAZUR, JOSEPH J. MAZUR	FEE / TLE	0.31	1.65	1.96	0.24
57	JOY L. WEBER	FEE / TLE	0.06	-	0.06	0.07
58	JOHN WOLFE AND KELLY WOLFE	TLE	-	-	-	0.02

DOC. #: 890217
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
April 15, 2025 at 11:28 AM
Fee Amount: \$25.00 Pages: 1
Returned to MARINETTE COUNTY INTER-DEPT

TPP 3 Pg 37

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.04
AMENDMENT NO: 1

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	52, 53, 56	NO RECORD OF EASEMENT	BRIGHTSPEED
52	52	J. 771, P. 35, DOC. 419622	CENCOM OF WISCONSIN d/b/a BRIGHTSPEED
201	56	NO RECORD OF EASEMENT	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC	RELEASE OF RIGHTS

TOWN

SW-NE
SECTION 18

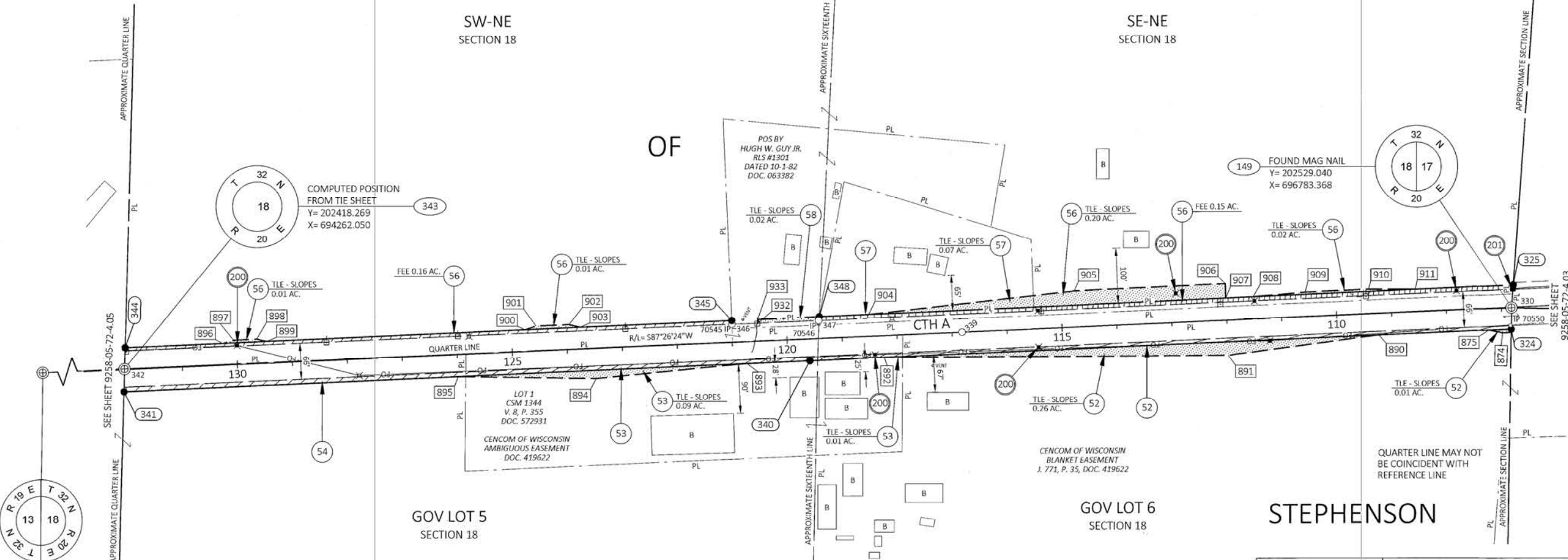
SE-NE
SECTION 18

OF

GOV LOT 5
SECTION 18

GOV LOT 6
SECTION 18

STEPHENSON



FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
149 - 324	S 00° 47' 39" W	39.29'
324 - 340	S 87° 26' 24" W	1276.06'
340 - 341	S 87° 26' 24" W	1248.28'
341 - 342	N 01° 27' 32" E	40.10'
342 - 343	N 01° 27' 32" E	1.19'
343 - 344	N 01° 27' 32" E	38.91'
344 - 345	N 87° 26' 24" E	1103.70'
345 - 346	S 02° 30' 55" E	6.68'
346 - 347	N 87° 29' 04" E	157.51'
347 - 348	N 10° 18' 05" E	6.97'
348 - 325	N 87° 26' 24" E	1262.94'
325 - 330	S 03° 58' 25" W	40.26'
330 - 149	S 03° 58' 25" W	0.78'

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
149	106+81.64	0.78' LT
324	106+83.94	40.00' RT
325	106+76.97	40.00' RT
330	106+81.55	0.00'
340	119+60.00	40.00' LT
341	132+08.28	40.00' LT
342	132+05.47	0.00'
343	132+05.39	1.18' RT
344	132+02.66	40.00' RT
345	120+98.96	40.00' RT
346	120+98.97	33.32' RT
347	119+41.46	33.20' RT
348	119+39.91	40.00' RT

TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
874	107+00.00	46.00' LT	900	124+75.00	40.00' RT
875	107+25.00	40.00' LT	901	124+55.00	46.00' RT
890	109+25.00	40.00' LT	902	123+95.00	46.00' RT
891	112+00.00	65.00' LT	903	123+75.00	40.00' RT
892	118+25.00	40.00' LT	904	118+50.00	40.00' RT
893	120+75.00	40.00' LT	905	114+75.00	66.00' RT
894	123+50.00	55.00' LT	906	112+00.00	66.00' RT
895	126+00.00	40.00' LT	907	112+00.00	40.00' RT
896	130+25.00	40.00' RT	908	111+50.00	40.00' RT
897	130+05.00	45.00' RT	909	110+55.00	44.00' RT
898	129+63.00	45.00' RT	910	109+40.00	44.00' RT
899	129+45.00	40.00' RT	911	108+55.00	40.00' RT

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	CSM 1344, V. 8, P. 355, DOC. 572931	1998
CTH A	POS, DOC. 063382	1982
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610028	N/A
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610029	N/A

RECOVERED MONUMENTS					
POINT	Y	X	DESCRIPTION	STATION	OFFSET
70545	202499.766	695366.126	3/4" IRON PIPE	120+98.97	33.28' RT
70546	202506.781	695523.538	3/4" IRON PIPE	119+41.40	33.26' RT
70550	202496.113	696781.722	1 1/2" IRON PIPE	106+84.95	33.60' LT

QUARTER LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
149 - 339	S 87° 29' 04" W	1000.10'
339 - 343	S 87° 29' 04" W	1523.65'
149 - 343	S 87° 29' 04" W	2523.75'

70249

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.05

THAT PART OF THE NE 1/4 OF THE SW 1/4, THAT PART OF CSM 490, DOC. 455678 LOCATED IN AND INCLUDING PART OF THE SE 1/4 OF THE NW 1/4, AND THAT PART OF THE SW 1/4 OF THE NW 1/4, ALL IN SECTION 18, TOWNSHIP 32 NORTH, RANGE 20 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	POS, DOC. 063380	1992
CTH A	POS, DOC. 063383	1988
CTH A	CSM 490, DOC. 455678	1986
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610028	N/A

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TTP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
54	RICHLEN FAMILY LIMITED PARTNERSHIP	FEE / TLE	0.16	0.53	0.69	0.01
59	ANDREW R. TRITT AND CANDYCE A. TRITT	FEE / TLE	0.01	0.11	0.12	0.01
61	CHEYENNE R., ELROY F. AND GERALDINE M. TILKINS LIFE ESTATE	FEE / TLE	0.01	0.08	0.09	0.01
62	JOSEPH A. HUMMEL AND JULIE A. HUMMEL	FEE / TLE	0.23	1.22	1.45	0.15
63	MARA A. POSSO AND THOMAS A. DAVIS JR.	FEE / TLE	0.02	0.10	0.12	0.08
64	ALFRED P. CZERNIEWSKI AND JUDITH L. CZERNIEWSKI	FEE / TLE	0.32	1.49	1.81	0.01

DOC. #: 886942
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 19, 2024 at 10:44 AM
Fee Amount: \$25.00 Pages: 1

Returned to MARINETTE COUNTY INTER-DEPT

TTP 3 PG 38

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.05

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS

UTILITY EASEMENT TABLE		
UTILITY NUMBER	PARCEL	RECORDING INFORMATION
200	59, 61, 62, 63	NO RECORD OF EASEMENT
64	JKT. 771, P. 30, DOC. 419617	CENCOM OF WISCONSIN d/b/a BRIGHTSPEED

CURVE TABLE				
CURVE	LENGTH	LONG CHORD	LONG CHORD BEARING	RADIUS
360-361	313.81'	312.87'	N 84° 52' 35" W	1170.00'
361-362	679.39'	669.88'	N 60° 33' 27" W	1170.00'
370-371	925.29'	897.75'	S 68° 14' 29" E	1090.00'

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
343 - 342	S 01° 27' 32" W	1.19'
342 - 341	S 01° 27' 32" W	40.10'
341 - 360	S 87° 26' 24" W	520.55'
360 - 361	SEE CURVE TABLE	
361 - 362	SEE CURVE TABLE	
362 - 363	N 43° 55' 21" W	705.93'
363 - 364	N 82° 18' 57" W	32.20'
364 - 365	N 29° 51' 12" W	41.14'
365 - 366	N 00° 28' 32" E	71.47'
366 - 367	N 00° 28' 32" E	75.35'
367 - 368	S 56° 03' 39" E	30.87'
368 - 369	S 30° 53' 44" E	85.21'
369 - 370	S 43° 55' 21" E	762.77'
370 - 371	SEE CURVE TABLE	
371 - 344	N 87° 26' 24" E	526.17'
344 - 343	S 01° 27' 32" W	38.91'



COMPUTED POSITION
FROM THE SHEET
Y= 202418.269
X= 694262.050

RECOVERED MONUMENTS					
POINT	Y	X	DESCRIPTION	STATION	OFFSET
70541	202440.249	694012.960	REBAR W/ CAP	134+53.44	34.27' RT
70542	202444.647	694112.891	REBAR W/ CAP	133+53.41	34.20' RT
70537	202428.631	693638.079	1/2" REBAR	138+31.78	34.88' RT
70538	202433.075	693768.427	1 1/2" IRON PIPE	136+98.05	38.02' RT
70630	202433.670	693572.287	1/2" REBAR	138+99.87	34.89' RT
70627	202688.041	692975.808	1/2" REBAR	145+78.37	32.42' RT
70629	202604.667	692974.115	1/2" REBAR	145+27.00	33.27' LT



SIGNATURE: *[Signature]* DATE: 11-13-24
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR
MARINETTE COUNTY
SIGNATURE: *[Signature]* DATE: 11-15-2024
PRINT NAME: ERIC BURMEISTER

70250

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.06

THAT PART OF THE SE 1/4 OF THE NE 1/4, PART OF THE NE 1/4 OF THE NE 1/4, PART OF LOTS 1 AND 2, CSM 1343, V. 8, P. 353, DOC. 572930 AND PART OF LOT 3, CSM 1873, V. 12, P. 194, DOC. 613390, LOCATED IN PART OF THE NW 1/4 OF THE NE 1/4, AND PART OF THE SW 1/4 OF THE NE 1/4, ALL IN SECTION 13, TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

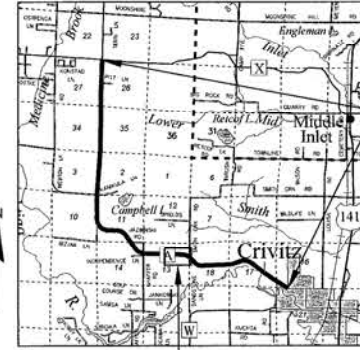
RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE



PROJECT LOCATION

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
64	ALFRED P. CZERNIEWSKI AND JUDITH L. CZERNIEWSKI	FEE / TLE	0.47	2.21	2.68	0.56
66	DOUGLAS M. ARNOLD AND RHONDA M. ARNOLD	FEE / TLE	0.13	0.48	0.61	0.03
67	GARY A. DUCANE	FEE / TLE	0.06	0.25	0.31	0.07
68	TERRENCE M. MCBRIDE AND SUSAN M. MCBRIDE	FEE / TLE	0.06	0.25	0.31	0.07
69	KENNETH R. PISAREK AND RONALD R. PISAREK	FEE / TLE	0.19	1.04	1.23	0.47

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS

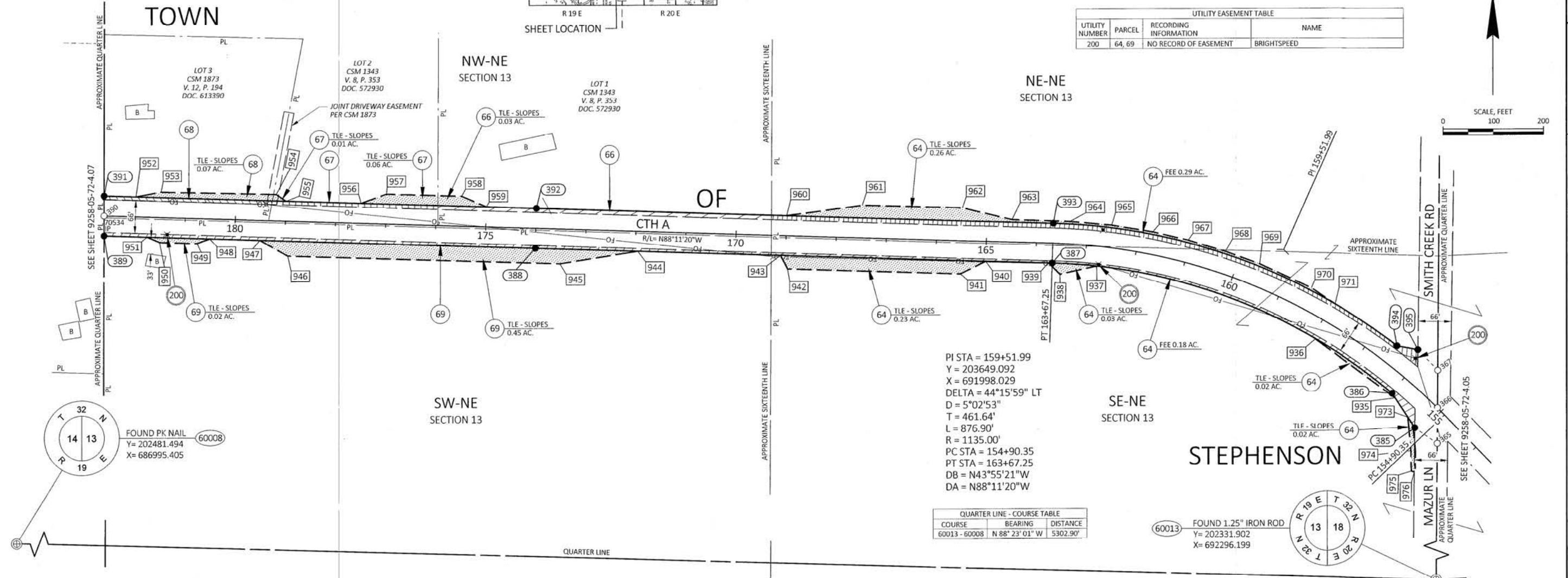
UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	64, 69	NO RECORD OF EASEMENT	BRIGHTSPEED

DOC. #: 886943
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 19, 2024 at 10:44 AM
Fee Amount: \$25.00 Pages: 1

Returned to MARINETTE COUNTY INTER-DEPT

TPP 3 PG 39

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.06



PI STA = 159+51.99
Y = 203649.092
X = 691998.029
DELTA = 44°15'59" LT
D = 5°02'53"
T = 461.64'
L = 876.90'
R = 1135.00'
PC STA = 154+90.35
PT STA = 163+67.25
DB = N43°55'21"W
DA = N88°11'20"W

QUARTER LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
60013 - 60008	N 88° 23' 01" W	5302.90'

CURVE TABLE			
CURVE	LENGTH	LONG CHORD	RADIUS
386-387	742.16'	728.04'	1095.00'
393-394	741.74'	729.48'	1175.00'

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	CSM 1873, V. 12, P. 194, DOC. 613390	2001
CTH A	CSM 1343, V. 8, P. 353, DOC. 572930	1998
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610028	N/A

RECOVERED MONUMENTS				
POINT	Y	X	DESCRIPTION	STATION
70534	203687.001	689641.938	1" IRON PIPE	182+61.83

TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
935	155+87.02	43.00' LT	950	181+50.00	50.00' LT
936	158+00.00	40.00' LT	951	181+75.00	40.00' LT
937	162+75.00	40.00' LT	952	182+00.00	40.00' LT
938	163+50.00	62.00' LT	953	181+50.00	51.00' RT
939	163+75.00	40.00' LT	954	179+20.00	53.00' RT
940	165+00.00	40.00' LT	955	179+00.00	40.00' RT
941	165+50.00	67.00' LT	956	177+50.00	40.00' RT
942	168+95.00	67.00' LT	957	177+00.00	60.00' RT
943	169+10.00	40.00' LT	958	175+50.00	60.00' RT
944	171+95.00	40.00' LT	959	175+00.00	40.00' RT
945	173+50.00	70.00' LT	960	169+00.00	40.00' RT
946	178+93.19	70.00' LT	961	167+50.00	65.00' RT
947	179+50.00	40.00' LT	962	165+50.00	66.00' RT
948	180+50.00	40.00' LT	963	164+50.00	45.00' RT
949	180+75.00	50.00' LT	964	163+35.00	45.00' RT

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
365	154+59.14	50.00' LT
366	155+10.20	0.17' RT
367	155+60.68	55.00' RT
385	155+14.27	60.00' LT
386	155+97.98	39.99' LT
387	163+67.25	40.00' LT
388	174+00.00	40.00' LT
389	182+61.31	40.00' LT
390	182+62.46	0.00'
391	182+63.62	40.00' RT
392	174+00.00	40.00' RT
393	163+67.25	40.00' RT
394	156+50.76	40.00' RT
395	156+14.79	60.00' RT

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
60013 - 365	N 00° 28' 32" E	927.55'
365 - 385	N 54° 41' 10" W	54.82'
385 - 386	N 33° 12' 43" W	82.46'
386 - 387	SEE CURVE TABLE	
387 - 388	N 88° 11' 20" W	1032.75'
388 - 389	N 88° 11' 20" W	861.31'
389 - 390	N 00° 09' 22" E	40.02'
390 - 391	N 00° 09' 22" E	40.02'
391 - 392	S 88° 11' 20" E	863.62'
392 - 393	S 88° 11' 20" E	1032.75'
393 - 394	SEE CURVE TABLE	
394 - 395	S 79° 09' 03" E	42.54'
395 - 367	S 43° 48' 50" E	57.07'
367 - 366	S 00° 28' 32" W	75.35'
366 - 365	S 00° 28' 32" W	71.47'

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.07

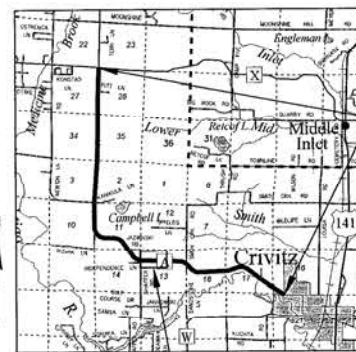
THAT PART OF LOTS 1 AND 2, CSM 2428, V. 16, P. 62, DOC. 663126, LOCATED IN AND INCLUDING PART OF THE NE 1/4 OF THE NW 1/4, PART OF THE SE 1/4 OF THE NW 1/4, PART OF THE NW 1/4 OF THE NW 1/4, AND PART OF THE SW 1/4 OF THE NW 1/4, ALL IN SECTION 13, TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, 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 COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE

PROJECT LOCATION

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 1/2" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

SCHEDULE OF LANDS & INTERESTS REQUIRED

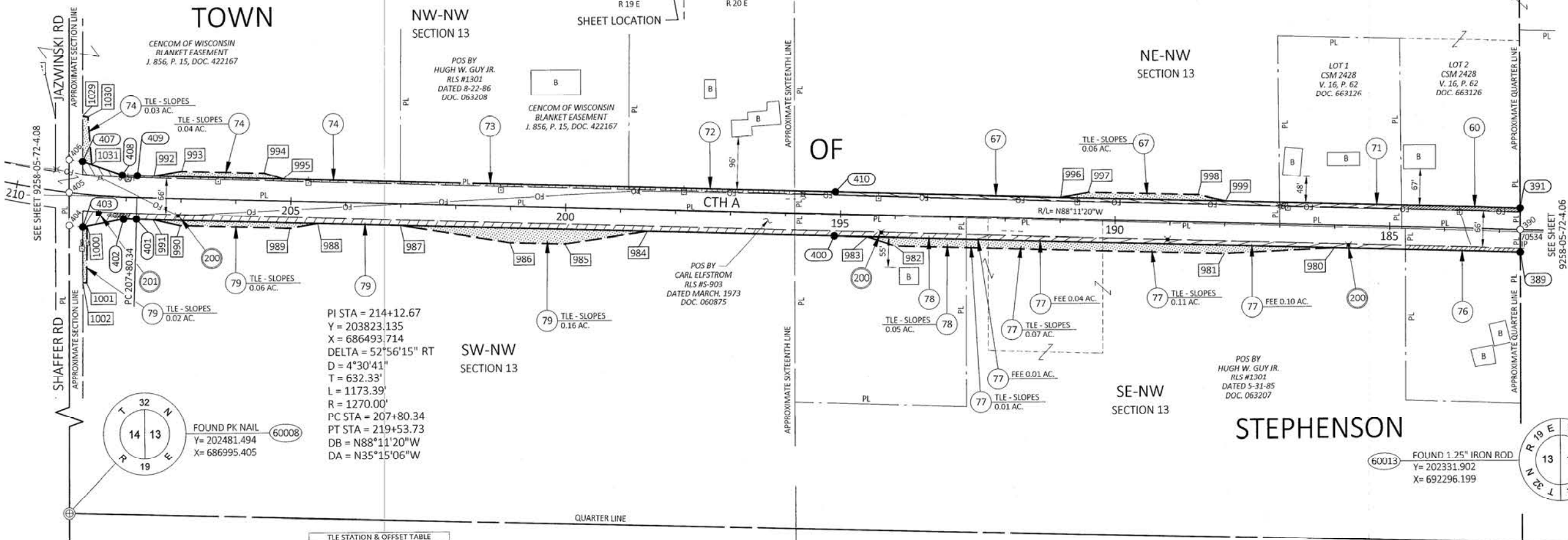
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
60	GARY A. DUCAINE	FEE	0.03	0.18	0.21	-
67	GARY A. DUCAINE	FEE / TLE	0.11	0.74	0.85	0.06
71	ANTHONY J. HOAGLAND	FEE	0.03	0.19	0.22	-
72	DAVID A. WOZNICKI	FEE	0.03	-	0.03	-
73	GARY A. FRANZEN AND JEAN S. FRANZEN	FEE	0.04	-	0.04	-
74	GLORIA J. WIRIG TRUST	FEE / TLE	0.07	0.51	0.58	0.07
76	HARRY J. GOLTZ III	FEE	0.03	0.14	0.17	-
77	JOSKI LIVING TRUST	FEE / TLE	0.15	0.54	0.69	0.19
78	DOUGLAS J. DIONNE AND VIRGINIA H. DIONNE	FEE / TLE	0.06	0.21	0.27	0.05
79	MARY R. BALZER AND DAVID R. BALZER	FEE / TLE	0.31	1.52	1.83	0.24

DOC. #: 886944
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 19, 2024 at 10:44 AM
Fee Amount: \$25.00 Pages: 1

Returned to: MARINETTE COUNTY INTER-DEPT

TPP 3 PG 40

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.07



SCALE, FEET
0 100 200

PI STA = 214+12.67
Y = 203823.135
X = 686493.714
DELTA = 52°56'15" RT
D = 4°30'41"
T = 632.33'
L = 1173.39'
R = 1270.00'
PC STA = 207+80.34
PT STA = 219+53.73
DB = N88°11'20"W
DA = N35°15'06"W

POINT	STATION	OFFSET
980	186+00.00	40.00' LT
981	188+00.00	55.00' LT
982	194+00.00	55.00' LT
983	194+50.00	40.00' LT
984	198+50.00	40.00' LT
985	200+00.00	66.00' LT
986	201+00.00	66.00' LT
987	203+00.00	40.00' LT
988	204+50.00	40.00' LT
989	205+00.00	50.00' LT
990	207+00.00	50.00' LT
991	207+50.00	40.00' LT
992	207+50.00	40.00' RT
993	207+00.00	50.00' RT
994	205+50.00	50.00' RT
995	205+15.00	40.00' RT
996	191+00.00	40.00' RT
997	190+50.00	50.00' RT
998	188+50.00	50.00' RT
999	188+00.00	40.00' RT
1000	208+66.00	57.73' LT
1001	208+58.00	160.00' LT
1002	208+64.35	160.00' LT
1029	208+95.93	142.00' RT
1030	208+85.00	142.00' RT
1031	208+68.00	55.82' RT

POINT	STATION	OFFSET
389	182+61.31	40.00' LT
390	182+62.46	0.00'
391	182+63.62	40.00' RT
400	195+10.00	40.00' LT
401	207+80.34	40.00' LT
402	208+03.00	40.00' LT
403	208+73.21	60.00' LT
404	208+97.01	59.77' LT
405	209+04.11	0.00'
406	209+11.99	60.26' RT
407	208+85.79	60.00' RT
408	208+09.00	40.00' RT
409	207+80.34	40.00' RT
410	195+10.00	40.00' RT

CURVE	LENGTH	LONG CHORD	LONG CHORD BEARING	RADIUS
401-402	23.38'	23.38'	N 87° 40' 40" W	1310.00'
408-409	77.76'	77.76'	S 87° 32' 33" E	1230.00'

COURSE	BEARING	DISTANCE
60008 - 404	N 00° 18' 04" E	1271.40'
404 - 405	N 00° 18' 04" E	60.21'
405 - 406	N 00° 18' 04" E	60.75'
406 - 407	S 82° 14' 58" E	24.96'
407 - 408	S 69° 59' 54" E	76.42'
408 - 409	SEE CURVE TABLE	
409 - 410	S 88° 11' 20" E	1270.34'
410 - 391	S 88° 11' 20" E	1246.38'
391 - 390	S 00° 09' 22" W	40.02'
390 - 389	S 00° 09' 22" W	40.02'
389 - 400	N 88° 11' 20" W	1248.69'
400 - 401	N 88° 11' 20" W	1270.34'
401 - 402	SEE CURVE TABLE	
402 - 403	S 79° 05' 41" W	75.66'
403 - 404	N 82° 55' 31" W	24.92'

COURSE	BEARING	DISTANCE
60008 - 60013	S 88° 23' 01" E	5302.90'

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC	RELEASE OF RIGHTS

UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	73, 74, 77, 78, 79	JKT. 0856, P. 15, DOC. 422167 NO RECORD OF EASEMENT	CENCOM OF WISCONSIN d/b/a BRIGHTSPEED
201	79	NO RECORD OF EASEMENT	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	CSM 2428, V. 16, P. 62, DOC. 663126	2004
CTH A	POS. DOC. 063208	1986
CTH A	POS. DOC. 063207	1985
CTH A	POS. DOC. 060875	1973
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610028	N/A

POINT	Y	X	DESCRIPTION	STATION	OFFSET
70534	203687.001	689641.938	1" IRON PIPE	182+61.83	36.57' LT



10 N BRIDGE ST
CHIPPEWA FALLS WI 54729



SIGNATURE: DATE: 11-13-24
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR
MARINETTE COUNTY

SIGNATURE: DATE: 11-13-24
PRINT NAME: ERIC BURMEISTER

70252

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.08

THAT PART OF THE SE 1/4 OF THE NE 1/4, PART OF THE NE 1/4 OF THE NE 1/4, AND PART OF THE NW 1/4 OF THE NE 1/4, ALL IN SECTION 14, TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, 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 COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED
3. IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TFP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

SCHEDULE OF LANDS & INTERESTS REQUIRED

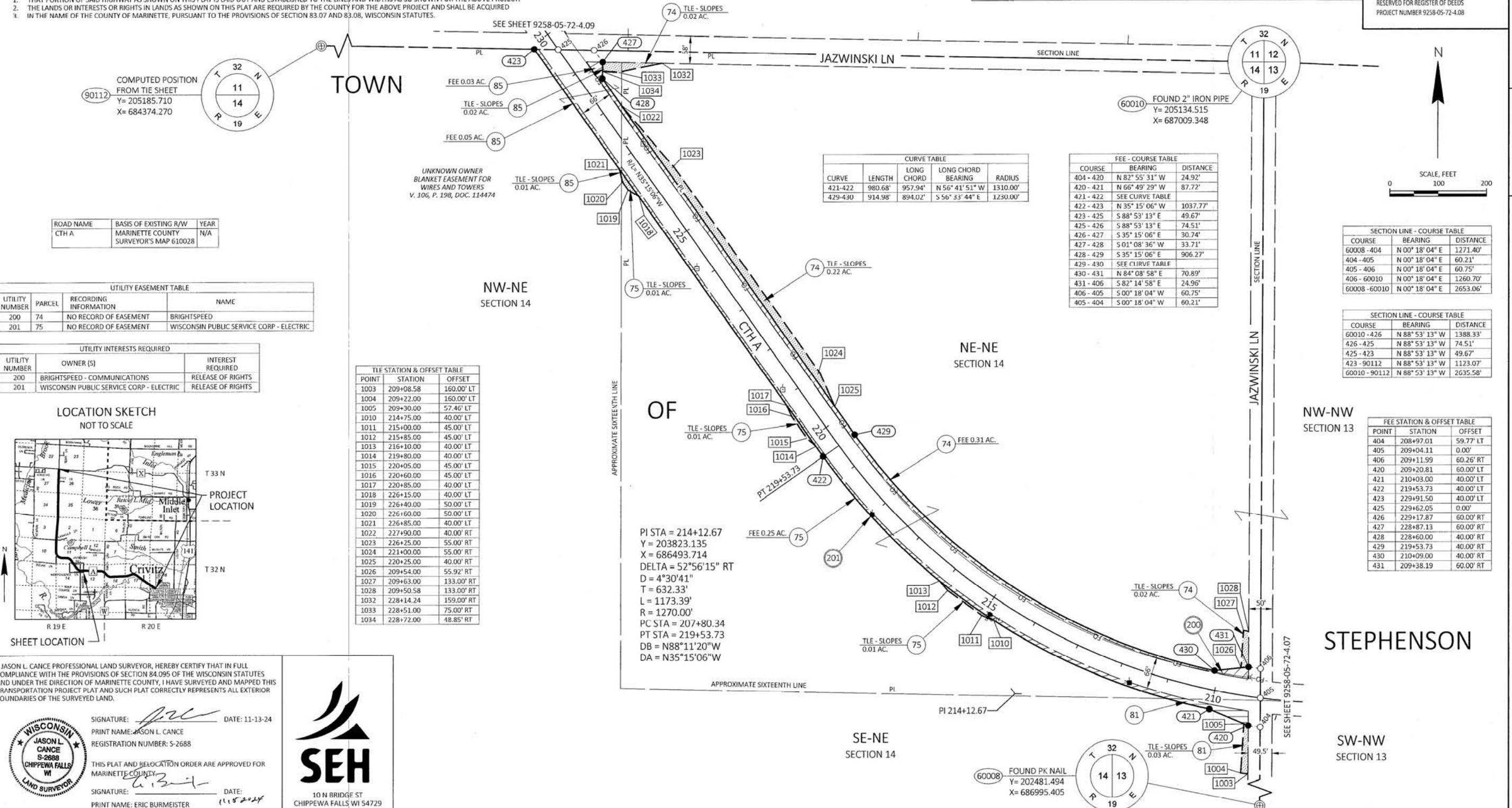
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
74	GLORIA J. WIRIG TRUST	FEE / TLE	0.31	1.40	1.71	0.26
75	GLORIA J. WIRIG TRUST	FEE / TLE	0.25	1.33	1.58	0.03
81	JERRY A. TITTLE AND DEBRA L. TITTLE	FEE / TLE	0.05	0.07	0.12	0.03
85	JIM RICHLIN	FEE / TLE	0.08	0.36	0.44	0.03

DOC. #: 886945
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 19, 2024 at 10:44 AM
Fee Amount: \$35.00 Page: 1

Returned to MARINETTE COUNTY INTER-DEPT

TPP 3 PG 41

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.08



70253

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.09

THAT PART OF THE SW 1/4 OF THE SE 1/4, PART OF LOT 1, CSM 1347, V. 9, P. 3, DOC. 573212, LOCATED IN AND INCLUDING PART OF THE SE 1/4 OF THE SW 1/4, AND PART OF THE NE 1/4 OF THE SW 1/4, ALL IN SECTION 11, TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	CSM 1347, V. 9, P. 3, DOC. 573212	1998
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610028	N/A
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610043	N/A

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 1/2" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE COUNTY.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
82	ANTHONY E. TOMASZEWSKI AND JAMIE M. TOMASZEWSKI	FEE / TLE	0.23	1.44	1.67	0.11
83	HENRY N. DENOWSKI AND PATRICIA DENOWSKI	FEE	0.01	0.31	0.32	-
84	JERRY M. TRITSIS AND MARY V. TRITSIS	FEE	0.18	0.75	0.93	-
86	SCOTT M. & DAISY M. NAPHOLZ	FEE / TLE	0.34	1.23	1.57	0.12
87	DAVID M. ISLER	FEE / TLE	0.16	1.17	1.33	0.26

DOC. #: 886946
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 19, 2024 at 10:44 AM
Fee Amount: \$25.00 Pages: 1

Returned to MARINETTE COUNTY INTER-DEPT

TPP 3 PG 42

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.09



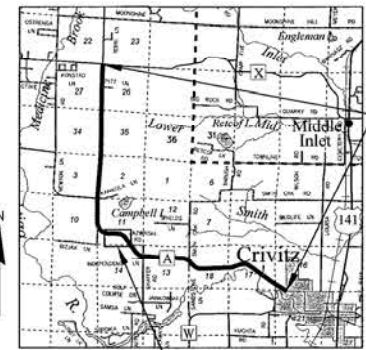
I, JASON L. CANCE PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF MARINETTE COUNTY, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: *[Signature]* DATE: 11-13-24
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY.

SIGNATURE: *[Signature]* DATE: 11-13-24
PRINT NAME: ERIC BURMEISTER

LOCATION SKETCH
NOT TO SCALE

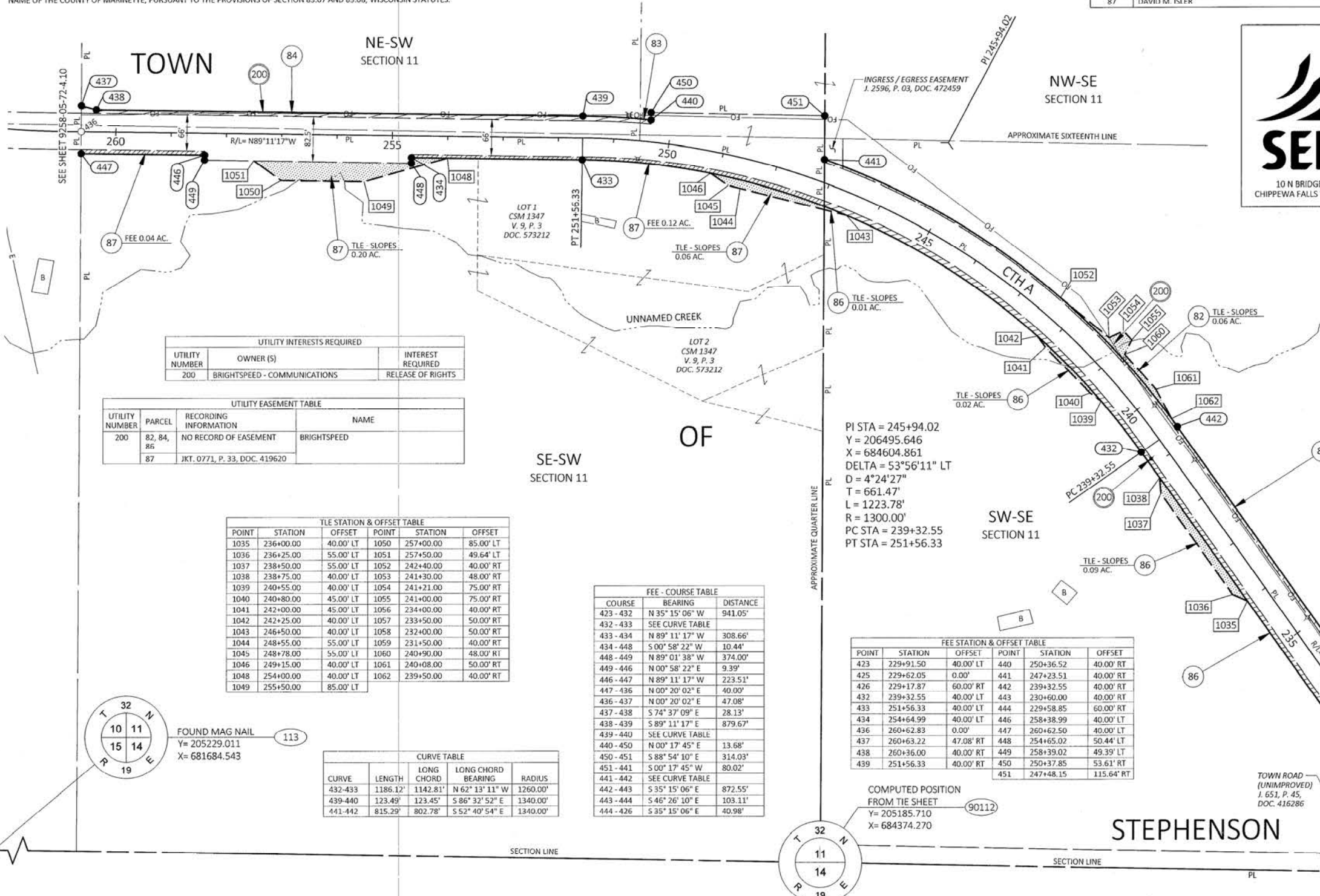
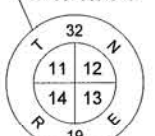


SHEET LOCATION

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
60010 - 426	N 88° 53' 13" W	1388.33'
426 - 425	N 88° 53' 13" W	74.51'
425 - 423	N 88° 53' 13" W	49.67'
423 - 90112	N 88° 53' 13" W	1123.07'
60010 - 90112	N 88° 53' 13" W	2635.58'
90112 - 113	N 89° 04' 40" W	2690.08'

SCALE, FEET
0 100 200

FOUND
2" IRON PIPE
Y= 205134.515
X= 687009.348



UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	82, 84, 85, 87	NO RECORD OF EASEMENT	BRIGHTSPEED
		JKT. 0771, P. 33, DOC. 419620	

TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1035	236+00.00	40.00' LT	1050	257+00.00	85.00' LT
1036	236+25.00	55.00' LT	1051	257+50.00	49.64' LT
1037	238+50.00	55.00' LT	1052	242+40.00	40.00' RT
1038	238+75.00	40.00' LT	1053	241+30.00	48.00' RT
1039	240+55.00	40.00' LT	1054	241+21.00	75.00' RT
1040	240+80.00	45.00' LT	1055	241+00.00	75.00' RT
1041	242+00.00	45.00' LT	1056	234+00.00	40.00' RT
1042	242+25.00	40.00' LT	1057	233+50.00	50.00' RT
1043	246+50.00	40.00' LT	1058	232+00.00	50.00' RT
1044	248+55.00	55.00' LT	1059	231+50.00	40.00' RT
1045	248+78.00	55.00' LT	1060	240+90.00	48.00' RT
1046	249+15.00	40.00' LT	1061	240+08.00	50.00' RT
1048	254+00.00	40.00' LT	1062	239+50.00	40.00' RT
1049	255+50.00	85.00' LT			

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
423 - 432	N 35° 15' 06" W	941.05'
432 - 433	SEE CURVE TABLE	
433 - 434	N 89° 11' 17" W	308.66'
434 - 448	S 00° 58' 22" W	10.44'
448 - 449	N 89° 01' 38" W	374.00'
449 - 446	N 00° 58' 22" E	9.39'
446 - 447	N 89° 11' 17" W	223.51'
447 - 436	N 00° 20' 02" E	40.00'
436 - 437	N 00° 20' 02" E	47.08'
437 - 438	S 74° 37' 09" E	28.13'
438 - 439	S 89° 11' 17" E	879.67'
439 - 440	SEE CURVE TABLE	
440 - 450	N 00° 17' 45" E	13.68'
450 - 451	S 88° 54' 10" E	314.03'
451 - 441	S 00° 17' 45" W	80.02'
441 - 442	SEE CURVE TABLE	
442 - 443	S 35° 15' 06" E	872.55'
443 - 444	S 46° 26' 10" E	103.11'
444 - 426	S 35° 15' 06" E	40.98'

FEE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
423	229+91.50	40.00' LT	440	250+36.52	40.00' RT
425	229+62.05	0.00'	441	247+23.51	40.00' RT
426	229+17.87	60.00' RT	442	239+32.55	40.00' RT
432	239+32.55	40.00' LT	443	230+60.00	40.00' RT
433	251+56.33	40.00' LT	444	229+58.85	60.00' RT
434	254+64.99	40.00' LT	446	258+38.99	40.00' LT
436	260+62.83	0.00'	447	260+62.50	40.00' LT
437	260+63.22	47.08' RT	448	254+65.02	50.44' LT
438	260+36.00	40.00' RT	449	258+39.02	49.39' LT
439	251+56.33	40.00' RT	450	250+37.85	53.61' RT
			451	247+48.15	115.64' RT

COMPUTED POSITION
FROM THE SHEET
Y= 205185.710
X= 684374.270

STEPHENSON

THAT PART OF THE SW 1/4 OF THE SW 1/4, PART OF NW 1/4 OF THE SW 1/4, PART OF THE SW 1/4 OF THE NW 1/4, SECTION 11, PART OF THE NE 1/4 OF THE SE 1/4 AND PART OF THE SE 1/4 OF THE NE 1/4, SECTION 10, ALL IN TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY,

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 COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE COUNTY.

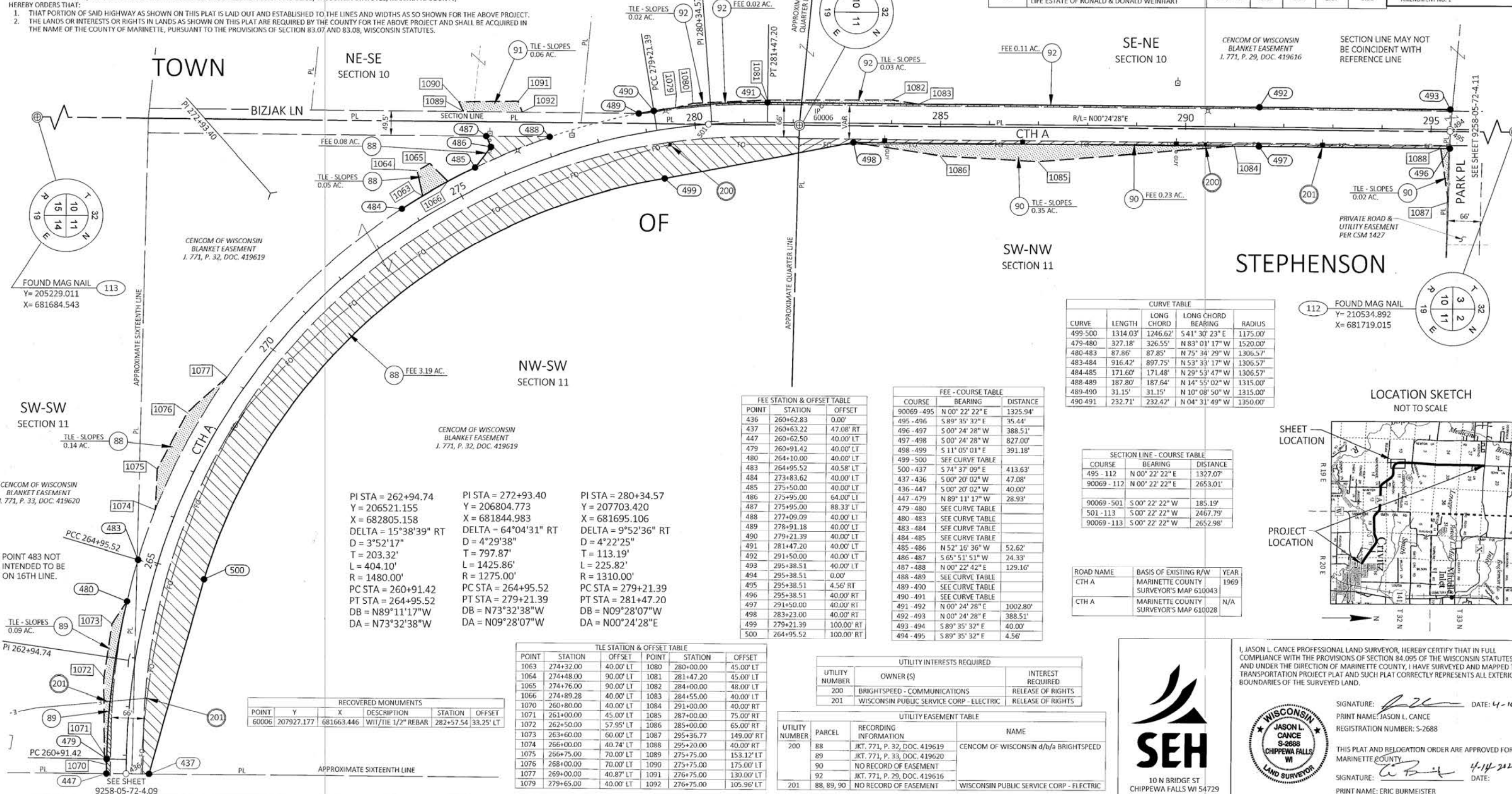
DOC. #: 890218
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
April 15, 2025 at 11:28 AM
Fee Amount: \$25.00 Pages: 1

Returned to MARINETTE COUNTY INTER-DEPT

TPP 3 Pg 43

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.10
AMENDMENT NO: 1

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
88	DELBERT WENDT III & ALLISON WENDT	FEE / TLE	3.27	2.67	5.94	0.19
89	KATHLEEN R. SCHMITZ, MARQUERITE R. MASTALIR AND GREG A. LIPOVAC	FEE / TLE	0.03	0.33	0.36	0.09
90	MIRIAM CROFT PIEDÉ	FEE / TLE	0.23	0.87	1.10	0.37
91	THOMAS R. BIZIAK	TLE	-	-	-	0.06
92	ANDREW WEINHART AND MATTHEW WEINHART LIFE ESTATE OF RONALD & DONALD WEINHART	FEE / TLE	0.13	1.54	1.67	0.05



FILE NAME : X:\KO\M\MARCO\174982\5-FINAL-DSGN\51-DRAWINGS\40-TRANSHWY\C3D - 2022\92580572\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE : 4-4-25

PLOT DATE : 4/3/2025 1:47 PM

PLOT BY: SEH

PLOT NAME:

9258-05-72-4.10M

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.11 AMENDMENT NO: 1
REVISES PARCEL 93 AND AMENDS UTILITY NO: 200 OF TRANSPORTATION PROJECT
PLAT 9258-05-72-4.11 RECORDED AS DOCUMENT NO: 886948

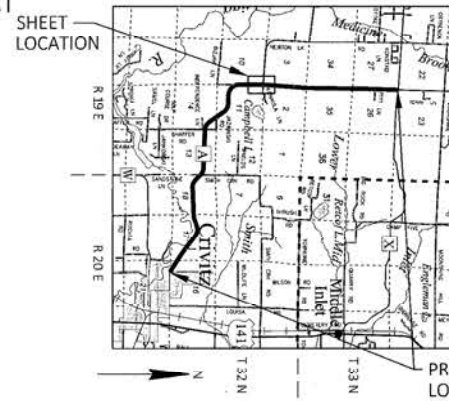
THAT PART OF THE NE 1/4 OF THE NE 1/4, SECTION 10, PART OF THE SE 1/4 OF THE SE 1/4, SECTION 3, PART OF LOT 1, CSM 1427, V. 9, P. 180, DOC. 577759, PART OF LOT 1, CSM 4215, V. 30, P. 19, DOC. 837353, PART OF LOT 1, CSM 4226, V. 30, P. 52, DOC. 838627, LOCATED IN PART OF THE NW 1/4 OF THE NW 1/4, SECTION 11, AND PART OF THE SW 1/4 OF THE SW 1/4, SECTION 2, ALL IN TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, 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 COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	CSM 4215, V. 30, P. 19, DOC. 837353	2019
CTH A, KANIKULA LN	CSM 4226, V. 30, P. 52, DOC. 838627	2019
CTH A, PARK PLACE	CSM 1427, V. 9, P. 180, DOC. 577759	1999
CTH A	MARINETTE COUNTY SURVEYOR'S MAP 610028	N/A
NEWTON LAKE RD	MARINETTE COUNTY SURVEYOR'S MAP 616025	N/A

70255

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
92	ANDREW WEINHART AND MATTHEW WEINHART LIFE ESTATE OF RONALD & DONALD WEINHART	FEE / TLE	0.10	1.27	1.37	0.10
93	RANDALL C. POLSON AND STEPHANIE POLSON	FEE / TLE	0.05	0.22	0.27	0.15
94	GLORIA SCHINDEL AND BARTON SCHINDEL	FEE / TLE	0.09	0.46	0.55	0.24
96	ANTHONY H. BUCKMAN	FEE / TLE	0.06	0.25	0.31	0.12
97	JEFFREY M. MUELLER AND PAMELA J. MUELLER	FEE / TLE	0.09	1.03	1.12	0.08
98	RORY N. BINKOWSKI AND JACQUELYN A. BINKOWSKI	FEE / TLE	0.01	1.52	1.53	0.01

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS

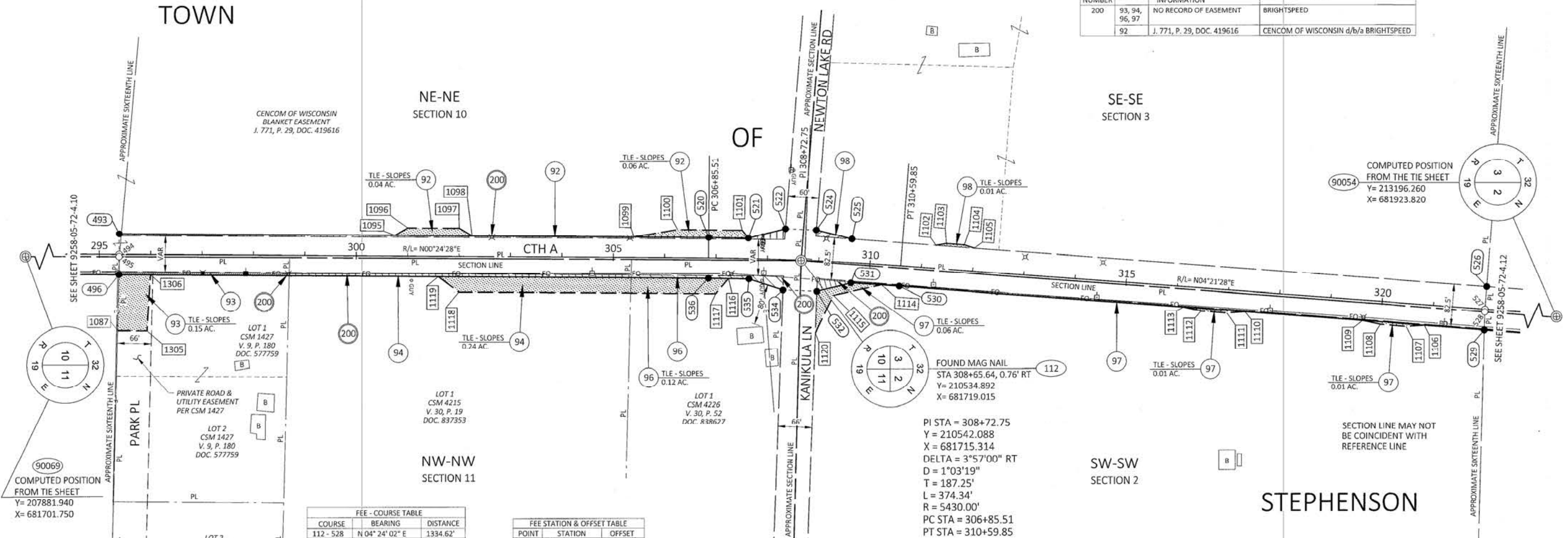
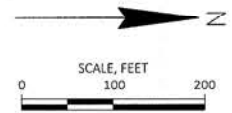
UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	93, 94, 96, 97	NO RECORD OF EASEMENT	BRIGHTSPEED
	92	J. 771, P. 29, DOC. 419616	CENCOM OF WISCONSIN d/b/a BRIGHTSPEED

DOC. #: 890219
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
April 15, 2025 at 11:28 AM
Fee Amount: \$25.00 Pages: 1

Returned to: MARINETTE COUNTY INTER-DEPT

TPP 3 Pg 44

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.11
AMENDMENT NO: 1

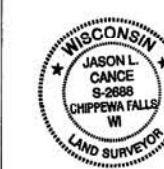


FEE - COURSE TABLE				
COURSE	BEARING	DISTANCE		
112 - 528	N 04° 24' 02" E	1334.62'		
528 - 529	S 88° 31' 25" E	34.81'		
529 - 530	S 04° 21' 28" W	1142.23'		
530 - 531	SEE CURVE TABLE			
531 - 532	S 14° 02' 01" E	68.24'		
532 - 534	S 02° 18' 36" W	66.00'		
534 - 535	S 18° 16' 16" W	69.72'		
535 - 536	SEE CURVE TABLE			
536 - 496	S 00° 24' 28" W	1146.99'		
496 - 495	N 89° 35' 32" W	35.44'		
495 - 494	N 89° 35' 32" W	4.56'		
494 - 493	N 89° 35' 32" W	40.00'		
493 - 520	N 00° 24' 28" E	1146.99'		
520 - 521	SEE CURVE TABLE			
521 - 522	N 13° 58' 59" W	74.49'		
522 - 524	N 02° 16' 43" E	60.05'		
524 - 525	N 14° 10' 34" E	71.55'		
525 - 526	N 04° 24' 02" E	1239.13'		
526 - 527	S 85° 40' 23" E	44.27'		
527 - 528	S 85° 40' 23" E	5.23'		

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
493	295+38.51	40.00' LT
494	295+38.51	0.00'
495	295+38.51	4.56' RT
496	295+38.51	40.00' RT
520	306+85.51	40.00' LT
521	307+62.00	40.00' LT
522	308+33.11	60.00' LT
524	308+92.50	60.00' LT
525	309+62.00	46.08' LT
526	322+00.30	44.27' LT
527	322+00.33	0.00'
528	322+00.33	5.23' RT
529	322+02.08	40.00' RT
530	310+59.85	40.00' RT
531	309+65.00	40.00' RT
532	308+99.15	60.00' RT
534	308+32.42	60.00' RT
535	307+65.00	40.00' RT
536	306+85.51	40.00' RT

TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1095	300+75.00	40.00' LT	1109	319+65.00	40.00' RT
1096	301+00.00	55.00' LT	1110	317+35.00	40.00' RT
1097	302+00.00	55.00' LT	1111	317+00.00	45.00' RT
1098	302+25.00	40.00' LT	1112	316+50.00	45.00' RT
1099	305+40.00	40.00' LT	1113	316+15.00	40.00' RT
1100	306+25.00	55.00' LT	1114	310+25.00	40.00' RT
1101	307+50.00	55.00' LT	1115	309+32.00	66.00' RT
1102	311+25.00	45.07' LT	1116	307+25.00	40.00' RT
1103	311+45.00	50.00' LT	1117	307+00.00	70.00' RT
1104	311+80.00	50.00' LT	1118	302+00.00	70.00' RT
1105	312+00.00	45.01' LT	1119	301+60.00	40.00' RT
1106	320+85.00	40.00' RT	1120	309+00.11	141.00' RT
1107	320+50.00	45.00' RT	1087	295+36.77	149.00' RT
1108	320+00.00	45.00' RT	1305	295+94.00	149.00' RT
			1306	296+00.00	40.00' RT

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
528 - 90054	N 04° 24' 02" E	1334.62'
112 - 90054	N 04° 24' 02" E	2669.24'
112 - 495	S 00° 22' 22" W	1327.07'
495 - 90069	S 00° 22' 22" W	1325.94'
112 - 90069	S 00° 22' 22" W	2653.01'



SIGNATURE: DATE: 4-10-25
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY
SIGNATURE: DATE: 4-14-2025
PRINT NAME: ERIC BURMEISTER

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.12 AMENDMENT NO: 1
REVISES PARCELS 102, 103 AND 104 OF TRANSPORTATION PROJECT
PLAT 9258-05-72-4.12 RECORDED AS DOCUMENT NO: 886949

THAT PART OF THE NE 1/4 OF THE SE 1/4, PART OF THE SE 1/4 OF THE NE 1/4, SECTION 3, AND PART OF LOT 1, CSM 3413, V. 23, P. 85, DOC. 738028, LOCATED IN AND INCLUDING PART OF THE NW 1/4 OF THE SW 1/4, PART OF LOT 1, CSM 1198, V. 8, P. 33, DOC. 557974, PART OF LOTS 1 AND 2, CSM 1576, V. 10, P. 198, DOC. 591524, PART OF LOT 8, CSM 1638, V. 10, P. 334, DOC. 594864, LOCATED IN AND INCLUDING PART OF THE SW 1/4 OF THE NW 1/4, SECTION 2, ALL IN TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

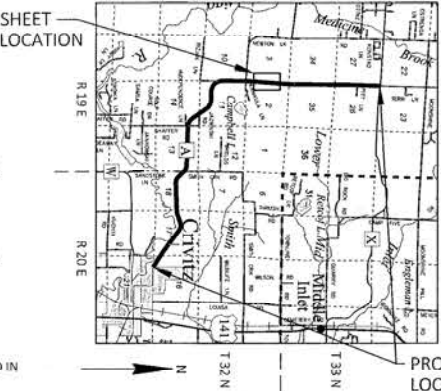
RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISERS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	CSM 3413, V. 23, P. 85, DOC. 738028	2009
CTH A, GATEWAY LN	CSM 1638, V. 10, P. 334, DOC. 594864	1999
CTH A, GATEWAY LN	CSM 1576, V. 10, P. 198, DOC. 591524	1999
CTH A	CSM 1198, V. 8, P. 33, DOC. 557974	1997

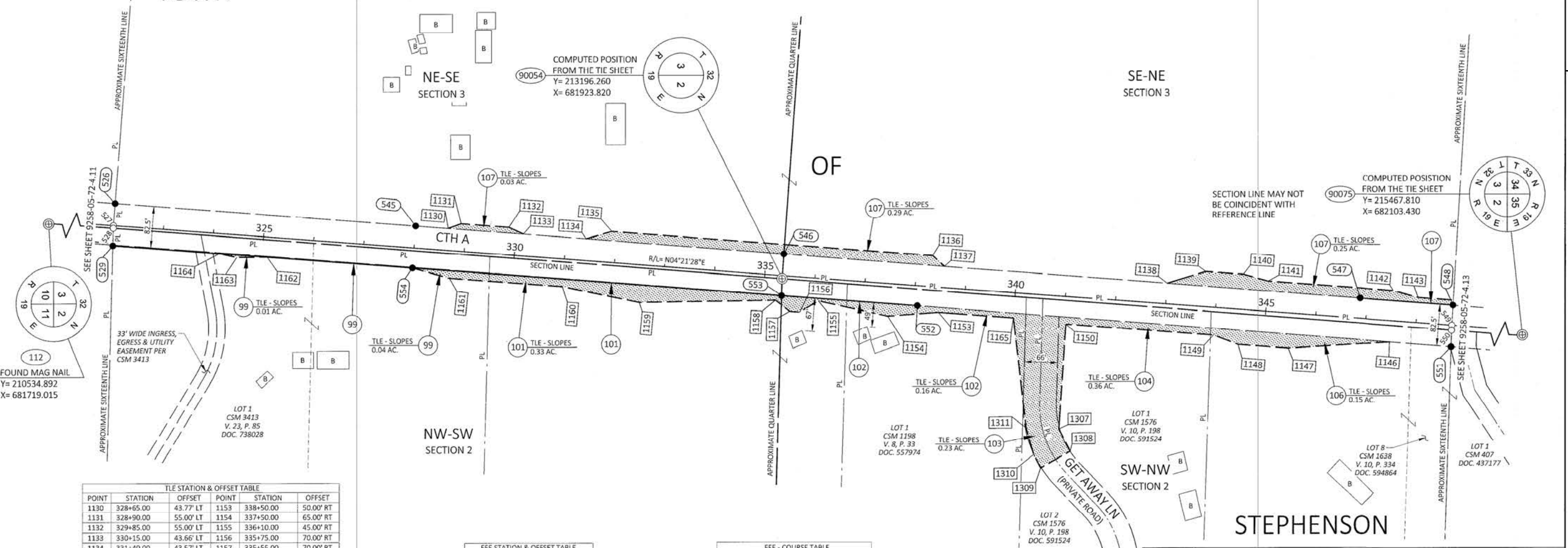
SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
99	WILLIAM THOMA AND BARBARA THOMA	FEE / TLE	0.03	0.57	0.60	0.05
101	JEREMY M. JUNGWIRTH	FEE / TLE	0.02	0.54	0.56	0.33
102	JAMES R. PRZYBYLSKI	FEE / TLE	0.01	0.27	0.28	0.16
103	MARK G. & LINDSEY ANN BIESACK	TLE	-	-	-	0.23
104	ROBERT G. GERBENSKY AND TAMI S. HALL	TLE	-	-	-	0.36
106	DONALD M. LANDWEHR AND LORI A. LANDWEHR	TLE	-	-	-	0.15
107	MICHAEL A. STEER AND SHARI B. STEER	FEE / TLE	0.01	1.52	1.53	0.57

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.12
AMENDMENT NO: 1

TPP 3 Pg 45

TOWN



FOUND MAG NAIL
Y= 210534.892
X= 681719.015

LOT 1
CSM 3413
V. 23, P. 85
DOC. 738028

LOT 1
CSM 1198
V. 8, P. 33
DOC. 557974

LOT 1
CSM 1576
V. 10, P. 198
DOC. 591524

LOT 1
CSM 1638
V. 10, P. 334
DOC. 594864

LOT 1
CSM 407
DOC. 437177

TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1130	328+65.00	43.77' LT	1153	338+50.00	50.00' RT
1131	328+90.00	55.00' LT	1154	337+50.00	65.00' RT
1132	329+85.00	55.00' LT	1155	336+10.00	45.00' RT
1133	330+15.00	43.66' LT	1156	335+75.00	70.00' RT
1134	331+40.00	43.57' LT	1157	335+55.00	70.00' RT
1135	331+90.00	62.00' LT	1158	335+25.00	50.00' RT
1136	338+30.00	62.00' LT	1159	332+55.00	75.00' RT
1137	338+55.00	42.36' LT	1160	331+00.00	55.00' RT
1138	343+00.00	41.10' LT	1161	328+75.00	55.00' RT
1139	343+75.00	70.00' LT	1162	325+10.00	40.00' RT
1140	344+50.00	70.00' LT	1163	324+50.00	45.00' RT
1141	345+00.00	60.00' LT	1164	324+15.00	40.00' RT
1142	347+50.00	60.00' LT	1165	340+00.00	50.00' RT
1143	348+00.00	50.00' LT	1307	341+07.00	264.00' RT
1146	347+50.00	42.68' RT	1308	341+33.00	307.00' RT
1147	345+50.00	70.00' RT	1309	340+77.00	345.00' RT
1148	344+50.00	70.00' RT	1310	340+61.00	319.00' RT
1149	344+00.00	55.00' RT	1311	340+42.00	267.00' RT
1150	341+05.00	55.00' RT			

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
526	322+00.30	44.27' LT
527	322+00.33	0.00'
528	322+00.33	5.23' RT
529	322+02.08	40.00' RT
545	328+00.00	43.82' LT
546	335+34.72	43.28' LT
547	346+85.47	40.00' LT
548	348+70.53	40.00' LT
549	348+71.22	0.00'
550	348+71.39	10.03' RT
551	348+72.90	43.03' RT
552	338+07.15	40.00' RT
553	335+36.59	40.00' RT
554	328+00.00	40.00' RT

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
528 - 527	N 85° 40' 23" W	5.23'
527 - 526	N 85° 40' 23" W	44.27'
526 - 545	N 04° 24' 02" E	599.70'
545 - 546	N 04° 24' 02" E	734.72'
546 - 547	N 04° 31' 15" E	1150.76'
547 - 548	N 04° 21' 28" E	185.06'
548 - 549	S 86° 37' 40" E	40.01'
549 - 550	S 86° 37' 40" E	10.03'
550 - 551	S 88° 15' 34" E	33.04'
551 - 552	S 04° 31' 15" W	1065.76'
552 - 553	S 04° 21' 28" W	270.56'
553 - 554	S 04° 21' 28" W	736.59'
554 - 529	S 04° 21' 28" W	597.92'
529 - 528	N 88° 31' 25" W	34.81'

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
112 - 528	N 04° 24' 02" E	1334.62'
528 - 90054	N 04° 24' 02" E	1334.62'
112 - 90054	N 04° 24' 02" E	2669.24'
90054 - 550	N 04° 31' 15" E	1336.45'
550 - 90075	N 04° 31' 15" E	942.19'
90054 - 90075	N 04° 31' 15" E	2278.64'



I, JASON L. CANCE 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 MARINETTE COUNTY, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.

SIGNATURE: DATE: 4-10-25
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY.

SIGNATURE: DATE: 4-14-25
PRINT NAME: ERIC BURMEISTER

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.13 AMENDMENT NO: 1
AMENDS UTILITY NO: 200 AND 201 OF TRANSPORTATION PROJECT
PLAT 9258-05-72-4.13 RECORDED AS DOCUMENT NO: 886950

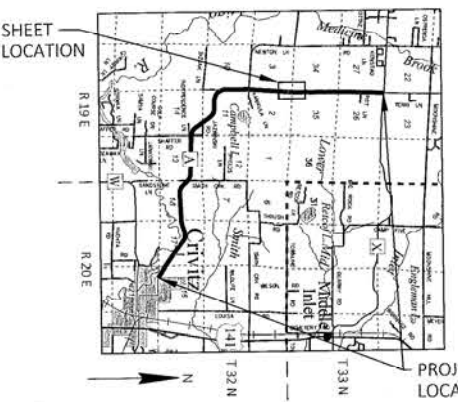
THAT PART OF THE NE 1/4 OF THE NE 1/4, SECTION 3, PART OF LOT 1, CSM 407, DOC. 437177, LOCATED IN AND INCLUDING PART OF THE NW 1/4 OF THE NW 1/4, SECTION 2, ALL IN TOWNSHIP 32 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, AND THAT PART OF THE SE 1/4 OF THE SE 1/4, SECTION 34, PART OF THE SW 1/4 OF THE SW 1/4, SECTION 35, ALL IN TOWNSHIP 33 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, ALL IN MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

- TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, 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 COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TYP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	POS, DOC. 073598	2015
CTH A	CSM 407, DOC. 437177	1983
ROYAL ANN LN		

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
106	DONALD M. LANDWEHR AND LORI A. LANDWEHR	TLE	-	-	-	0.05
108	FAITH PROPERTIES LLC.	TLE	-	-	-	0.15
109	RANDALL D. AERTS, SR. REVOCABLE TRUST U/A/D	FEE/TLE	0.02	1.02	1.04	0.22
111	ROBERT GERBENSKY AND TAMI GERBENSKY	FEE/TLE	0.05	1.07	1.12	0.36
112	STOCK FAMILY FARM CRIVITZ LLC.	FEE/TLE	0.01	1.52	1.53	0.46

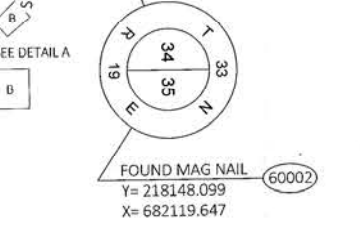
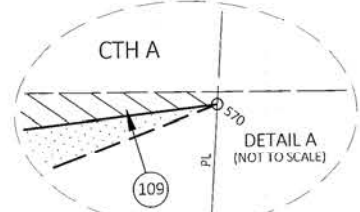
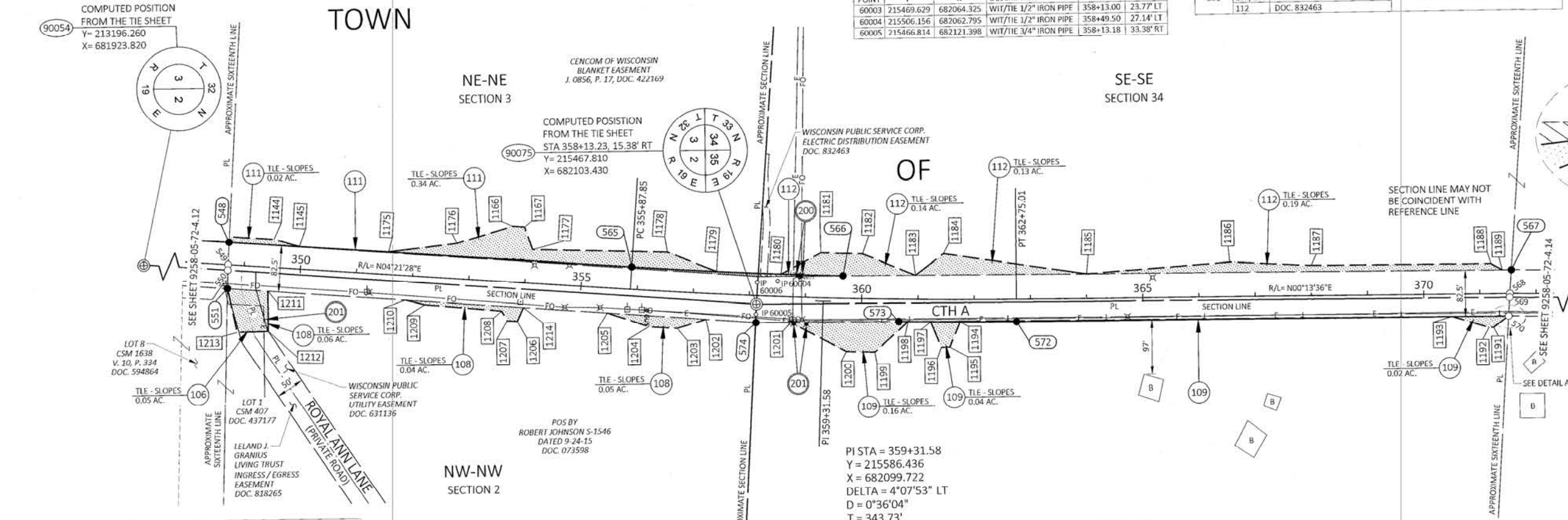
UTILITY INTERESTS REQUIRED			
UTILITY NUMBER	OWNER(S)		INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS		RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC		RELEASE OF RIGHTS

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	111	JKT. 0856, P. 17, DOC. 422169	CENCOM d/b/a BRIGHTSPEED
	112	NO RECORD OF EASEMENT	
201	108, 109	NO RECORD OF EASEMENT	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC
	112	DOC. 832463	

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.13
AMENDMENT NO: 1



TOWN



PI STA = 359+31.58
Y = 215586.436
X = 682099.722
DELTA = 4°07'53" LT
D = 0°36'04"
T = 343.73'
L = 687.16'
R = 9530.00'
PC STA = 355+87.85
PT STA = 362+75.01

TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1144	349+50.00	50.00' LT	1193	370+50.00	40.00' RT
1145	349+95.89	40.00' LT	1194	361+75.00	40.00' RT
1166	353+72.00	100.00' LT	1195	361+57.00	85.00' RT
1167	353+93.00	100.00' LT	1196	361+42.00	85.00' RT
1175	351+55.00	40.00' LT	1197	361+23.00	40.00' RT
1176	352+75.00	63.00' LT	1198	360+83.00	40.00' RT
1177	354+10.00	60.00' LT	1199	360+25.00	95.00' RT
1178	356+50.00	70.00' LT	1200	359+75.00	95.00' RT
1179	357+40.00	40.00' LT	1201	358+75.00	45.74' RT
1180	358+55.00	40.00' LT	1202	357+25.00	46.45' RT
1181	359+25.00	80.00' LT	1203	356+75.00	65.00' RT
1182	360+00.00	80.00' LT	1204	356+25.00	65.00' RT
1183	360+95.00	43.04' LT	1205	355+50.00	44.96' RT
1184	361+45.00	82.00' LT	1206	353+91.00	70.00' RT
1185	364+00.00	44.09' LT	1207	353+73.00	70.00' RT
1186	366+55.00	62.00' LT	1208	353+62.00	53.00' RT
1187	368+00.00	54.00' LT	1209	352+25.00	50.00' RT
1188	371+20.00	54.00' LT	1210	351+90.00	43.94' RT
1189	371+40.00	42.54' LT	1211	349+45.00	43.24' RT
1191	371+24.00	60.00' RT	1212	349+50.00	115.00' RT
1192	371+16.00	60.00' RT	1213	348+95.00	120.00' RT
			1214	354+00.00	44.53' RT

FEE STATION & OFFSET TABLE			
POINT	STATION	OFFSET	POINT
548	348+70.53	40.00' LT	
549	348+71.22	0.00'	
550	348+71.39	10.03' RT	
551	348+72.90	43.03' RT	
565	355+87.85	40.00' LT	
566	359+65.67	40.00' LT	
567	371+56.18	42.51' LT	
568	371+53.31	0.00'	
569	371+52.84	6.99' RT	
570	371+50.88	40.00' RT	
572	362+75.01	40.00' RT	
573	360+66.42	40.00' RT	
574	358+13.56	48.40' RT	

CURVE TABLE			
CURVE	LENGTH	LONG CHORD	RADIUS
565-566	376.23'	376.21'	N 03° 13' 20" E 9490.00'
572-573	209.46'	209.46'	S 00° 51' 13" W 9570.00'

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
550-549	N 86° 37' 40" W	10.03'
549-548	N 86° 37' 40" W	40.01'
548-565	N 04° 21' 28" E	717.32'
565-566	SEE CURVE TABLE	
566-567	N 00° 20' 48" E	1189.16'
567-568	S 85° 54' 48" E	42.60'
568-569	S 85° 54' 48" E	7.00'
569-570	S 86° 23' 26" E	33.07'
570-572	S 00° 13' 36" W	875.88'
572-573	SEE CURVE TABLE	
573-574	S 00° 20' 48" W	254.16'
574-551	S 04° 31' 15" W	941.79'
551-550	N 88° 15' 34" W	33.04'

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
90054-550	N 04° 31' 15" E	1336.45'
550-90075	N 04° 31' 15" E	942.19'
90054-90075	N 04° 31' 15" E	2278.64'
90075-569	N 00° 20' 48" E	1340.17'
569-60002	N 00° 20' 48" E	1340.17'
90075-60002	N 00° 20' 48" E	2680.34'



SIGNATURE: DATE: 4-10-25
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY
SIGNATURE: DATE: 4-14-25
PRINT NAME: ERIC BURMEISTER

70258

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.14

THAT PART OF LOT 1, CSM 4150, V. 29, P. 138, DOC. 828873, LOCATED IN AND INCLUDING PART OF THE NE 1/4 OF THE SE 1/4, PART OF THE SE 1/4 OF THE NE 1/4, SECTION 34, AND THAT PART OF THE NW 1/4 OF THE SW 1/4, AND PART OF THE SW 1/4 OF THE NW 1/4, SECTION 35, ALL IN TOWNSHIP 33 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

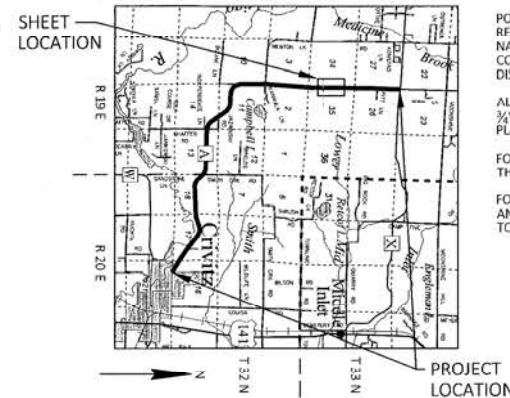
RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, 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 COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	CSM 4150, V. 29, P. 138, DOC. 828873	2018

SCHEDULE OF LANDS & INTERESTS REQUIRED

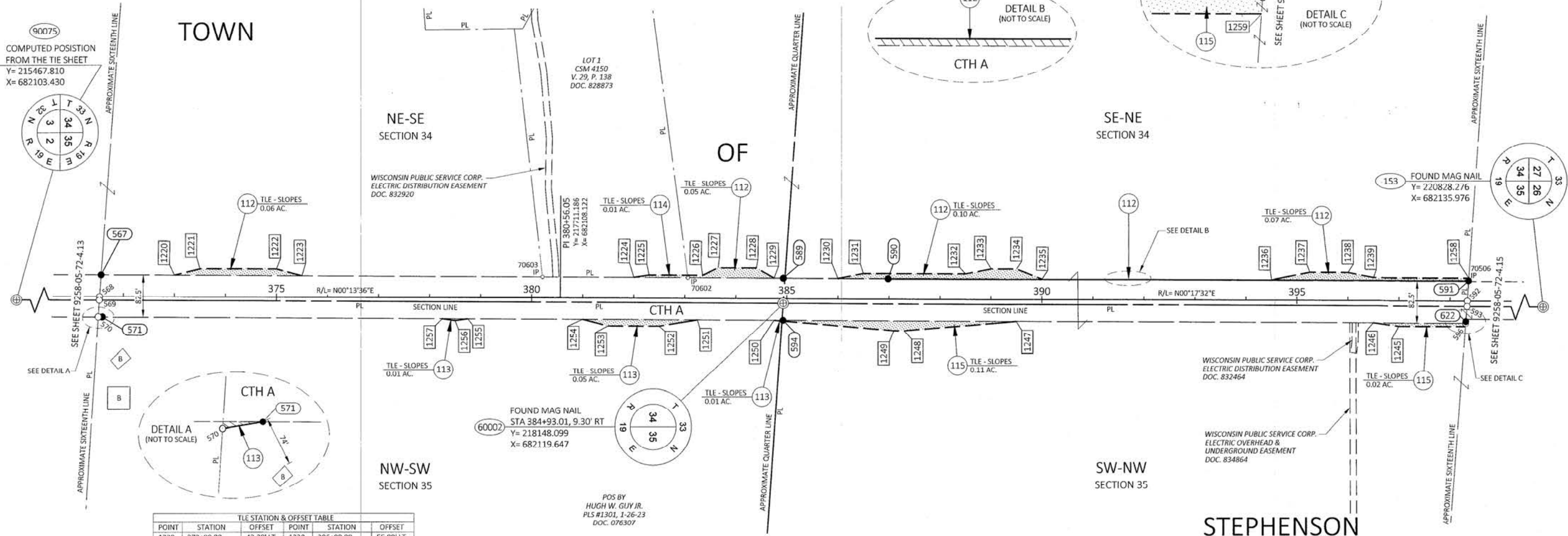
PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
112	STOCK FAMILY FARM CRIVITZ LLC.	FEE / TLE	0.01	1.52	1.53	0.28
113	RANDALL AERTS, JR.	FEE / TLE	0.01	1.02	1.03	0.07
114	MICHAEL F. CROFT & KATHLEEN L. CROFT	TLE	-	-	-	0.01
115	STOCK FAMILY FARM CRIVITZ LLC.	TLE	-	-	-	0.13

DOC. #: 886951
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 19, 2024 at 10:44 AM
Fee Amount: \$25.00 Pages: 1

Returned to: MARINETTE COUNTY INTER-DEPT

TPP 3 PG 47

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.14



TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1220	373+00.00	42.20' LT	1238	396+00.00	55.00' LT
1221	373+50.00	55.00' LT	1239	396+50.00	45.00' LT
1222	375+00.00	55.00' LT	1245	397+00.00	50.00' RT
1223	375+50.00	41.68' LT	1246	396+50.00	43.44' RT
1224	382+00.00	40.48' LT	1247	389+50.00	42.75' RT
1225	382+30.00	45.00' LT	1248	387+30.00	62.00' RT
1226	384+35.00	45.00' LT	1249	387+10.00	62.00' RT
1227	383+65.00	60.00' LT	1250	384+75.00	42.28' RT
1228	384+40.00	60.00' LT	1251	383+25.00	42.14' RT
1229	384+75.00	40.22' LT	1252	382+50.00	55.00' RT
1230	386+00.00	40.10' LT	1253	381+50.00	55.00' RT
1231	386+50.00	50.00' LT	1254	381+00.00	41.92' RT
1232	388+50.00	50.00' LT	1255	378+75.00	41.50' RT
1233	389+00.00	60.00' LT	1256	378+50.00	45.00' RT
1234	389+50.00	60.00' LT	1257	378+25.00	41.40' RT
1235	390+00.00	40.00' LT	1258	398+36.55	45.00' LT
1236	394+50.00	40.00' LT	1259	398+30.40	50.00' RT
1237	395+25.00	55.00' LT			

FEE STATION & OFFSET TABLE			
POINT	STATION	OFFSET	
593	398+33.13	10.63' RT	
622	398+31.09	40.00' RT	
596	398+30.84	43.62' RT	
594	384+92.98	42.30' RT	
571	371+58.91	40.00' RT	
570	371+50.88	40.00' RT	
569	371+52.84	6.99' RT	
568	371+53.31	0.00'	
567	371+56.10	42.51' LT	
589	384+93.06	40.20' LT	
590	386+98.30	40.00' LT	
591	398+36.24	40.00' LT	
592	398+33.78	0.00'	

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
60002-593	N 00° 20' 57" E	1340.12'
593-622	S 85° 44' 56" E	29.44'
622-596	S 85° 44' 56" E	3.63'
596-594	S 00° 20' 57" W	1337.86'
594-571	S 00° 20' 48" W	1334.03'
571-570	S 00° 13' 36" W	8.02'
570-569	N 86° 23' 26" W	33.07'
569-568	N 85° 54' 48" W	7.00'
568-567	N 85° 54' 48" W	42.60'
567-589	N 00° 20' 48" E	1336.93'
589-590	N 00° 20' 57" E	205.24'
590-591	N 00° 17' 32" E	1137.94'
591-592	S 86° 11' 16" E	40.08'
592-593	S 86° 11' 16" E	10.65'

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
90075-569	N 00° 20' 48" E	1357.34'
569-60002	N 00° 20' 48" E	1323.00'
60002-90075	N 00° 20' 48" E	2680.34'
593-153	N 00° 20' 57" E	1340.11'
60002-153	N 00° 20' 57" E	2680.23'

RECOVERED MONUMENTS				
POINT	Y	X	DESCRIPTION	STATION
70603	217676.528	682067.285	REBAR W/CAP	380+07.17
70602	217961.474	682069.107	REBAR W/CAP	382+92.07
70506	219491.598	682078.121	REBAR	398+22.22



SIGNATURE: *[Signature]* DATE: 11-13-24
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY.
SIGNATURE: *[Signature]* DATE: 11-13-24
PRINT NAME: ERIC BURMEISTER

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.15

THAT PART OF THE NE 1/4 OF THE NE 1/4, SECTION 34, AND THAT PART OF THE SE 1/4 OF THE SE 1/4, SECTION 27, AND THAT PART OF THE NW 1/4 OF THE NW 1/4, SECTION 35, AND THAT PART OF THE SW 1/4 OF THE SW 1/4, SECTION 26, ALL IN TOWNSHIP 33 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

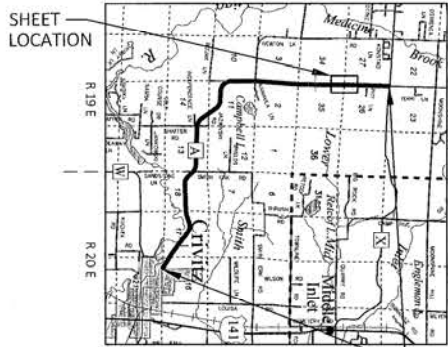
TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, 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 COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH

NOT TO SCALE



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TYP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 3/4" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A	POS, DOC. 075061	2019

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
115	STOCK FAMILY FARM CRIVITZ LLC.	FEE / TLE	0.16	0.76	0.92	0.39
116	MICHAEL GENTILE	FEE / TLE	0.15	0.69	0.84	0.14
117	JOSEPH BEMIS AND STEPHANIE BEMIS	FEE / TLE	0.03	1.52	1.55	0.21
118	THE GALVIN LIVING TRUST	FEE / TLE	0.10	1.51	1.61	0.10

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC	RELEASE OF RIGHTS

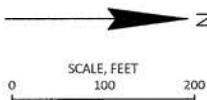
UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	115	NO RECORD OF EASEMENT	BRIGHTSPEED
201	116	DOC. 832591	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC
	118	DOC. 832606	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC

DOC. #: 886952
RENE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 19, 2024 at 10:44 AM
Fee Amount: \$25.00 Pages: 1

Returned to MARINETTE COUNTY INTER-DEPT

TPP 3 PG 48

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.15



TOWN

NE-NE
SECTION 34

SE-SE
SECTION 27

OF

NW-NW
SECTION 35

SW-SW
SECTION 26

STEPHENSON

TLE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
1240	400+50.00	45.00' LT	1284	423+25.00	45.00' RT
1241	401+00.00	55.00' LT	1285	423+00.00	40.00' RT
1242	402+74.00	50.00' LT	1286	418+70.00	40.00' RT
1243	402+95.00	40.00' LT	1287	418+00.00	50.00' RT
1244	398+50.00	50.00' RT	1288	417+25.00	50.00' RT
1258	398+36.55	45.00' LT	1289	416+70.00	40.00' RT
1259	398+30.40	50.00' RT	1290	413+65.00	40.00' RT
1270	404+60.00	40.00' LT	1291	413+35.00	60.00' RT
1271	404+85.00	45.00' LT	1292	412+80.00	72.00' RT
1272	405+95.00	48.00' LT	1293	412+60.00	72.00' RT
1273	406+20.00	40.00' LT	1294	411+75.00	50.00' RT
1274	410+00.00	41.04' LT	1295	411+40.00	40.00' RT
1275	410+50.00	70.00' LT	1296	408+90.00	40.00' RT
1276	411+50.00	70.00' LT	1297	407+00.00	60.00' RT
1277	412+00.00	50.00' LT	1298	406+50.00	60.00' RT
1278	413+75.00	50.00' LT	1299	405+00.00	50.00' RT
1279	414+00.00	60.00' LT	1300	402+75.00	50.00' RT
1280	414+50.00	60.00' LT	1301	400+80.00	80.00' RT
1281	415+40.00	40.00' LT	1302	400+25.00	55.00' RT
1282	423+65.00	40.00' RT	1303	399+00.00	55.00' RT
1283	423+50.00	45.00' RT			

FEE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
591	398+36.24	40.00' LT
592	398+33.78	0.00'
593	398+33.13	10.63' RT
610	405+11.79	40.00' LT
611	408+21.25	40.00' LT
612	411+73.66	42.05' LT
613	413+42.97	40.00' LT
614	416+08.92	40.00' LT
615	425+00.52	40.00' LT
616	424+99.11	0.00'
617	424+98.58	14.99' RT
618	424+97.34	40.00' RT
619	416+08.54	40.00' RT
620	411+71.08	40.00' RT
621	405+11.79	40.00' RT
622	398+31.09	40.00' RT

FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
593 - 592	N 86° 11' 16" W	10.65'
592 - 591	N 86° 11' 16" W	40.08'
591 - 610	N 00° 17' 32" E	675.55'
610 - 611	N 00° 40' 56" E	309.74'
611 - 612	N 00° 20' 57" E	352.42'
612 - 613	N 01° 51' 00" E	169.67'
613 - 614	N 01° 09' 34" E	265.95'
614 - 615	N 01° 42' 10" E	891.98'
615 - 616	S 86° 16' 49" E	40.02'
616 - 617	S 86° 16' 49" E	15.00'
617 - 618	S 85° 27' 43" E	25.04'
618 - 619	S 01° 42' 11" W	888.42'
619 - 620	S 01° 09' 22" W	437.13'
620 - 621	S 00° 40' 56" W	659.02'
621 - 622	S 00° 17' 32" W	680.69'
622 - 593	N 85° 44' 56" W	29.44'

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
60002 - 593	N 00° 20' 57" E	1340.12'
593 - 153	N 00° 20' 57" E	1340.11'
60002 - 153	N 00° 20' 57" E	2680.23'
153 - 617	N 01° 51' 00" E	1325.13'
617 - 60001	N 01° 51' 00" E	1325.13'
153 - 60001	N 01° 51' 00" E	2650.26'

RECOVERED MONUMENTS				
POINT	Y	X	DESCRIPTION	STATION
70506	219491.598	682078.121	REBAR	398+22.22
70601	222151.105	682198.761	REBAR W/CAP	424+83.51



I, JASON L. CANCE 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 MARINETTE COUNTY, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SIGNATURE: *[Signature]* DATE: 11-13-24
PRINT NAME: JASON L. CANCE
REGISTRATION NUMBER: S-2688

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY.

SIGNATURE: *[Signature]* DATE: 11-15-24
PRINT NAME: ERIC BURMEISTER

70260

TRANSPORTATION PROJECT PLAT NO: 9258-05-72-4.16

THAT PART OF THE NE 1/4 OF THE SE 1/4, AND PART OF THE SE 1/4 OF THE NE 1/4, SECTION 27, AND THAT PART OF LOTS 1 AND 2, CSM 4036, V. 28, P. 99, DOC. 816181, PART OF LOT 5, CSM 3257, V. 22, P. 81, DOC. 719743, LOCATED IN PART OF THE NW 1/4 OF THE SW 1/4, AND PART OF THE SW 1/4 OF THE NW 1/4, SECTION 26, ALL IN TOWNSHIP 33 NORTH, RANGE 19 EAST, TOWN OF STEPHENSON, MARINETTE COUNTY, WISCONSIN.

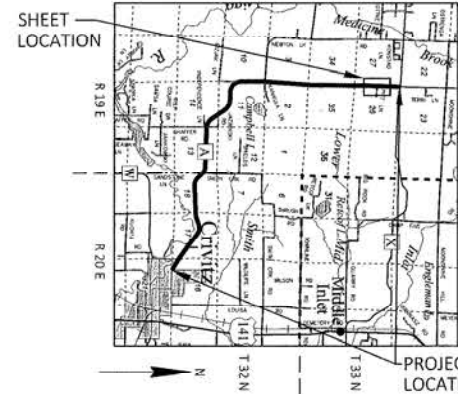
RELOCATION ORDER CTH A MARINETTE CO, CTH A, ROSA AVENUE TO CTH X, MARINETTE COUNTY.

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, MARINETTE COUNTY DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE NAMED PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 83.07 AND 83.08, WISCONSIN STATUTES, MARINETTE COUNTY, HEREBY ORDERS THAT:

- 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.
- THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE COUNTY FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE COUNTY OF MARINETTE, PURSUANT TO THE PROVISIONS OF SECTION 83.07 AND 83.08, WISCONSIN STATUTES.

LOCATION SKETCH
NOT TO SCALE



FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS IN MARINETTE COUNTY AS SHEET 2 OF 2, TPP 3, PG 34, DOCUMENT NUMBER 886719.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), MARINETTE COUNTY, NAD83 (2011), IN U.S. 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 1/2" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR THE CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE MARINETTE COUNTY HIGHWAY DEPARTMENT IN PESHTIGO.

FOUND MONUMENTS INFORMATION SHOWN REPRESENTS TYPE AND LOCATION OF EXISTING MONUMENTS WITHOUT OPINION AS TO THEIR VALIDITY AND USE AS A PROPERTY CORNER.

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO TRANSFER OF LAND INTERESTS TO THE COUNTY.

SCHEDULE OF LANDS & INTERESTS REQUIRED

PARCEL NUMBER	OWNER(S)	INTERESTS REQUIRED	R/W ACRES REQUIRED			TLE ACRES
			NEW	EXISTING	TOTAL	
118	THE GALVIN LIVING TRUST	FEE	0.50	2.92	3.42	-
119	MICHAEL G. GENTILE AND MICHAEL A. GENTILE	FEE	0.07	-	0.07	-
121	TIMOTHY M. HAWKINS AND MICHELLE L. HAWKINS	FEE	0.01	-	0.01	-
122	CHERYL L. ZAMEL	FEE	0.10	0.28	0.38	-
123	KENNETH D. SCHNITKER AND EDITH M. SCHNITKER	FEE	0.02	0.07	0.09	-
124	JOHN F. GALVIN AND KRISTEN L. GALVIN	FEE	0.13	0.53	0.66	-
125	WILLIAM R. NELSON AND VALERIE D. NELSON	FEE	0.01	0.02	0.03	-

DOC. #: 886953
RENEE MILLER, REGISTER OF DEEDS
MARINETTE COUNTY
November 15, 2024 at 10:44 AM
Fee Amount: \$25.00 Pages: 1

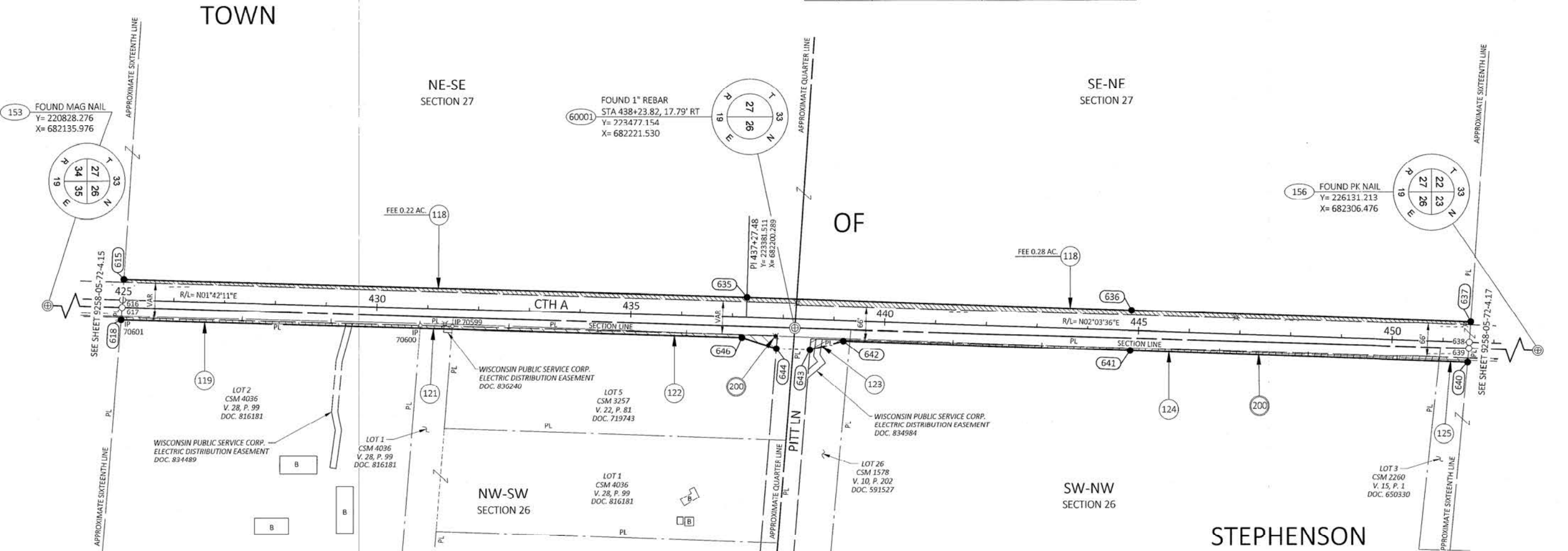
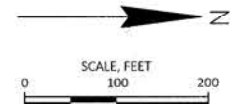
Returned to MARINETTE COUNTY INTER-DEPT

TPP 3 PG 49

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 9258-05-72-4.16

UTILITY EASEMENT TABLE			
UTILITY NUMBER	PARCEL	RECORDING INFORMATION	NAME
200	122, 124	NO RECORD OF EASEMENT	BRIGHTSPEED
201	119	DOC. 834489	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC
	121	DOC. 836240	
	123	DOC. 834984	

UTILITY INTERESTS REQUIRED			
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED	
200	BRIGHTSPEED - COMMUNICATIONS	RELEASE OF RIGHTS	
201	WISCONSIN PUBLIC SERVICE CORP - ELECTRIC	RELEASE OF RIGHTS	



FEE - COURSE TABLE		
COURSE	BEARING	DISTANCE
617 - 616	N 86° 16' 49" W	15.00'
616 - 615	N 86° 16' 49" W	40.02'
615 - 635	N 01° 42' 11" E	1226.96'
635 - 636	N 02° 03' 35" E	757.77'
636 - 637	N 02° 03' 36" E	668.13'
637 - 638	S 86° 11' 16" E	40.02'
638 - 639	S 86° 11' 16" E	12.54'
639 - 640	S 84° 43' 19" E	27.51'
640 - 641	S 02° 03' 36" W	664.97'
641 - 642	S 02° 03' 36" W	565.00'
642 - 643	S 15° 01' 58" E	68.05'
643 - 644	S 02° 03' 36" W	66.06'
644 - 646	S 18° 16' 01" W	71.49'
646 - 618	S 01° 42' 11" W	1222.66'
618 - 617	N 85° 27' 43" W	25.04'

ROAD NAME	BASIS OF EXISTING R/W	YEAR
CTH A, PITT LN	CSM 4036, V. 28, P. 99, DOC. 816181	2017
CTH A, PITT LN	CSM 3257, V. 22, P. 81, DOC. 719743	2008
CTH A, PITT LN	CSM 1578, V. 10, P. 202, DOC. 591527	1999

SECTION LINE - COURSE TABLE		
COURSE	BEARING	DISTANCE
153 - 617	N 01° 51' 00" E	1325.13'
617 - 60001	N 01° 51' 00" E	1325.13'
153 - 60001	N 01° 51' 00" E	2650.26'
60001 - 639	N 01° 49' 59" E	1327.71'
639 - 156	N 01° 49' 59" E	1327.71'
60001 - 156	N 01° 49' 59" E	2655.42'

RECOVERED MONUMENTS				
POINT	Y	X	DESCRIPTION	STATION
70599	222802.940	682217.554	REBAR	431+35.61
70600	222739.990	682215.705	REBAR W/CAP	430+72.63
70601	222151.105	682198.761	REBAR W/CAP	424+83.51

FEE STATION & OFFSET TABLE					
POINT	STATION	OFFSET	POINT	STATION	OFFSET
615	425+00.52	40.00' LT	639	451+51.52	12.54' RT
616	424+99.11	0.00'	640	451+49.97	40.00' RT
617	424+98.58	14.99' RT	641	444+85.00	40.00' RT
618	424+97.34	40.00' RT	642	439+20.00	40.00' RT
635	437+27.48	40.00' LT	643	438+54.96	60.00' RT
636	444+85.00	40.00' LT	644	437+88.90	60.00' RT
637	451+53.13	40.00' LT	646	437+20.00	40.00' RT
638	451+51.90	0.00'			



I, JASON L. CANCE 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 MARINETTE COUNTY, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND.



SIGNATURE: [Signature] DATE: 11-13-24

PRINT NAME: JASON L. CANCE

REGISTRATION NUMBER: S-2688

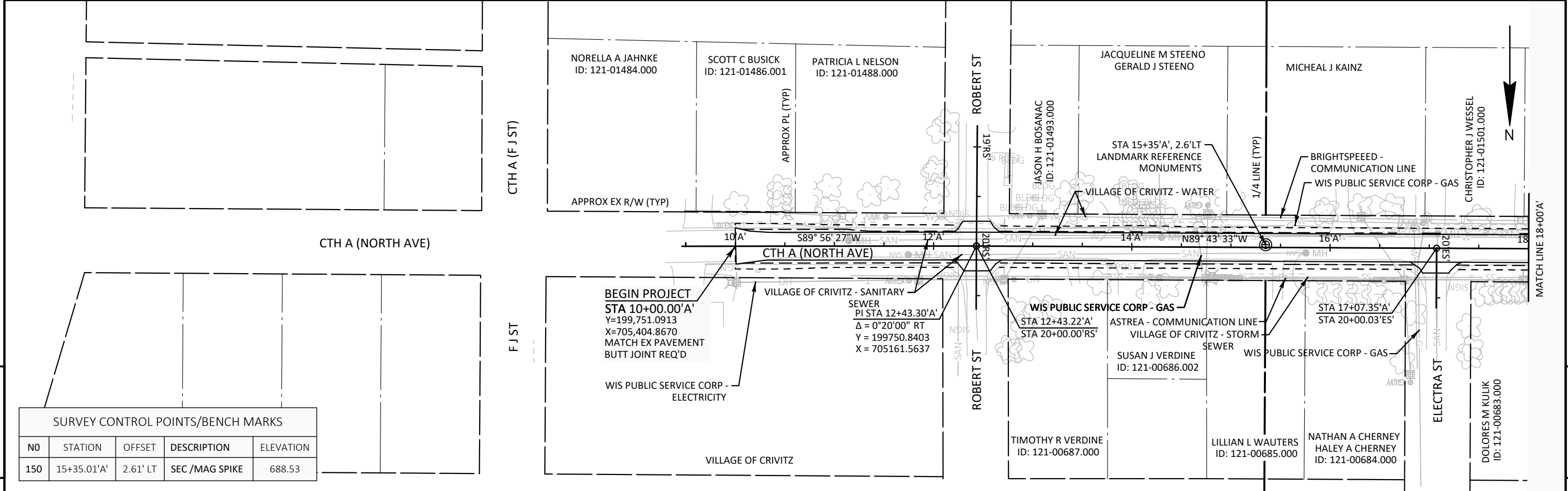
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR MARINETTE COUNTY.

SIGNATURE: [Signature] DATE: 11-15-24

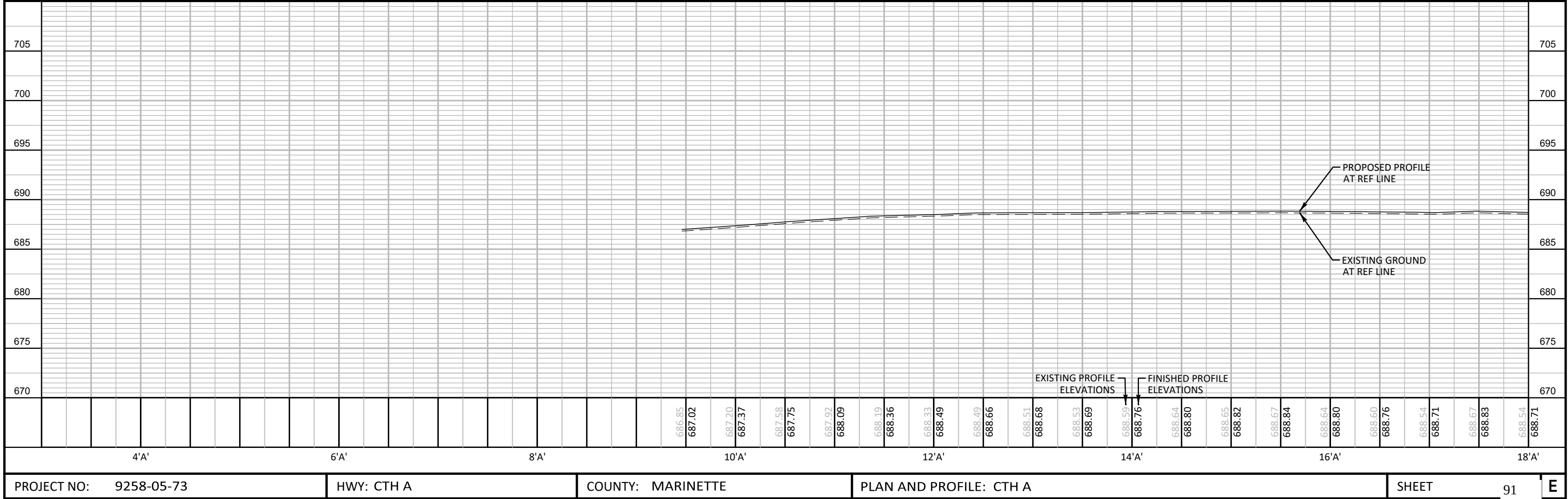
PRINT NAME: ERIC BURMEISTER

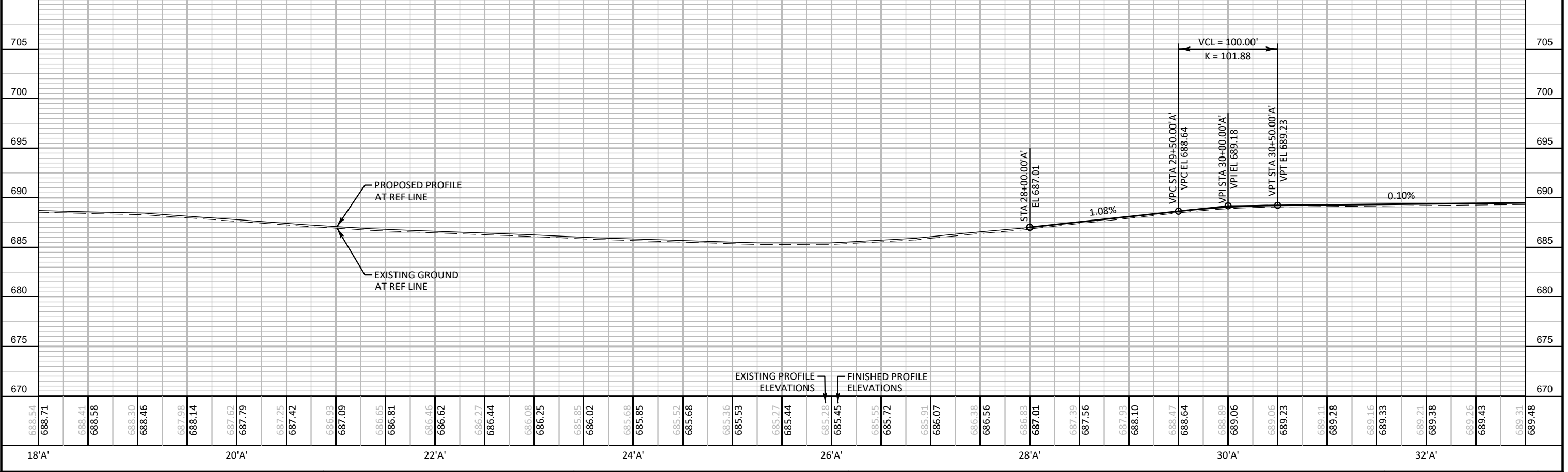
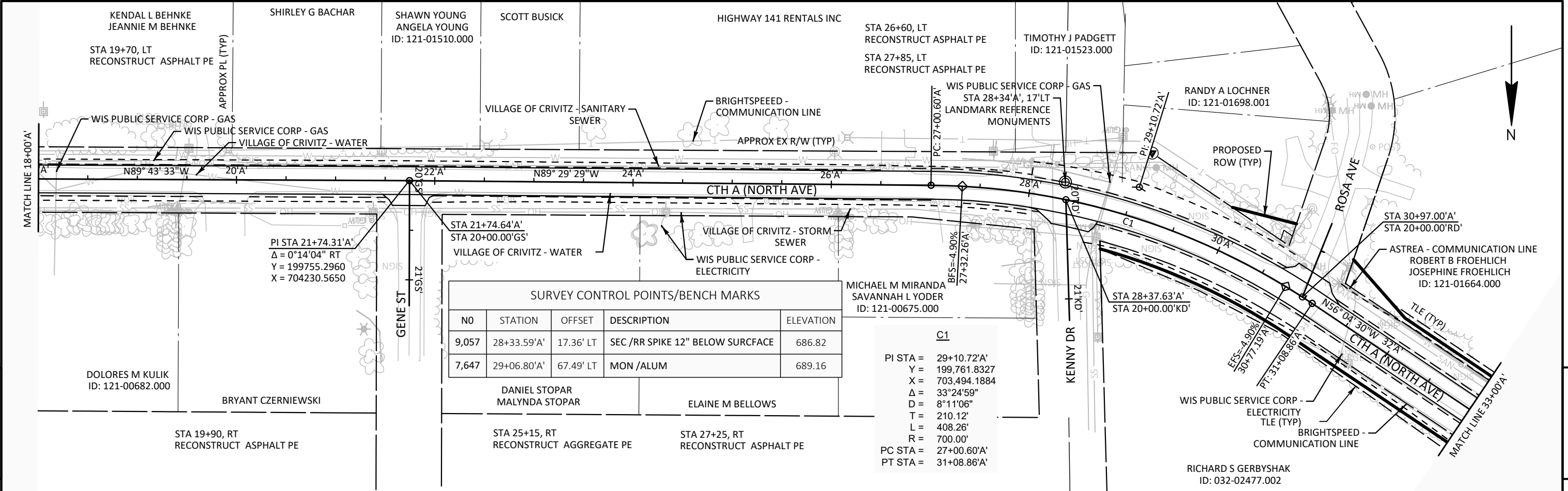
5

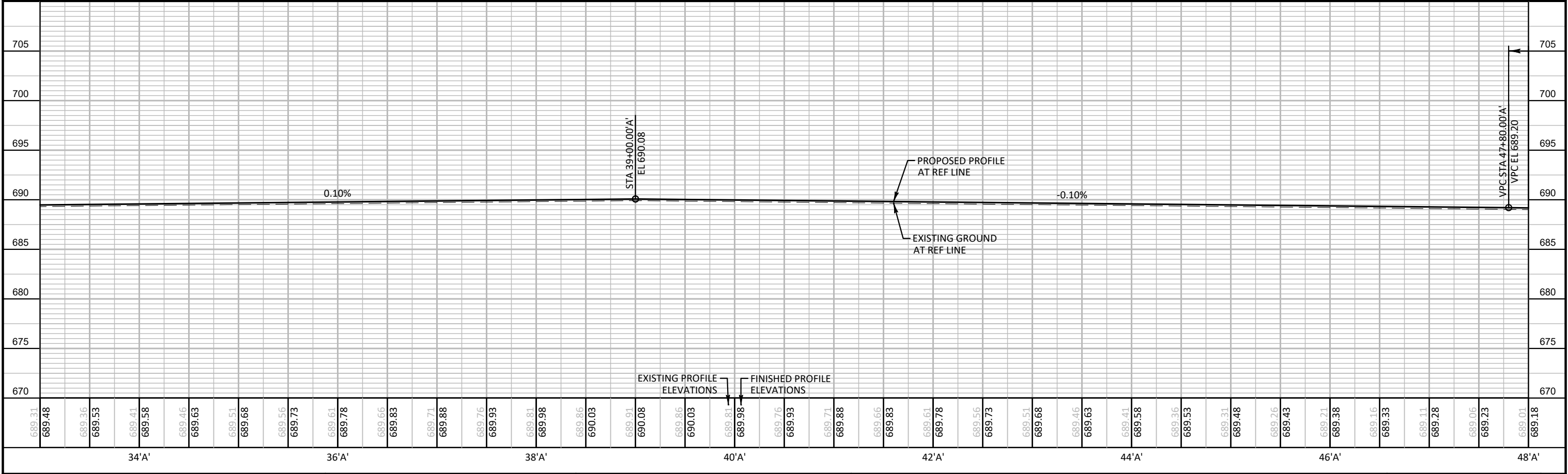
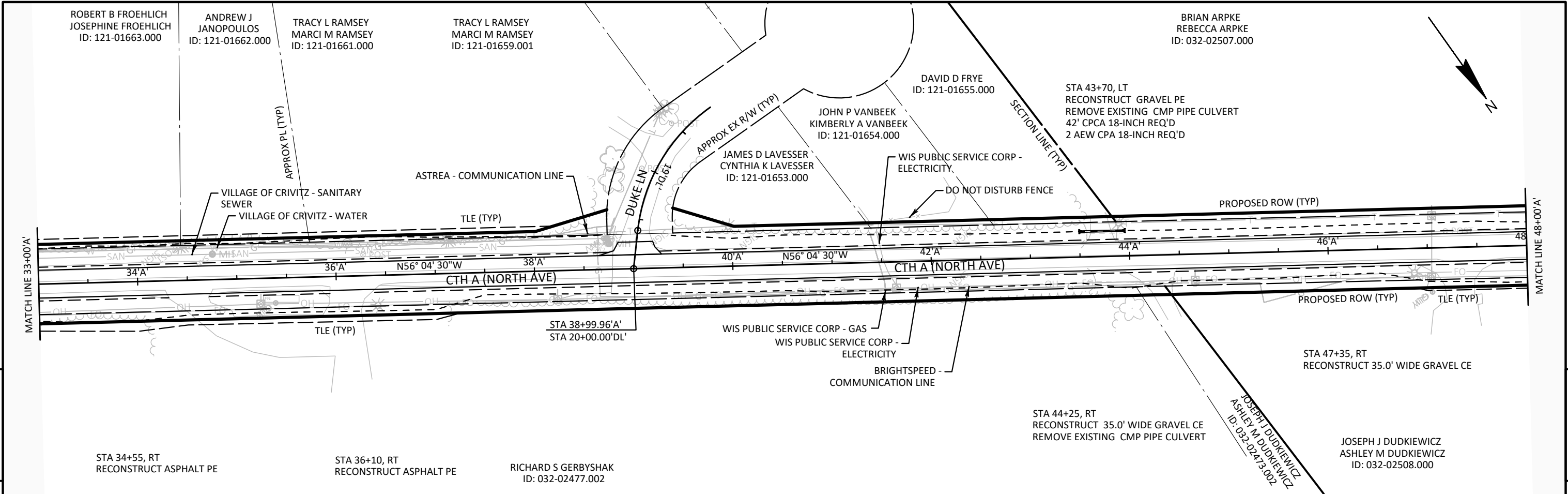
SURVEY CONTROL POINTS/BENCH MARKS				
N0	STATION	OFFSET	DESCRIPTION	ELEVATION
150	15+35.01'A'	2.61' LT	SEC /MAG SPIKE	688.53



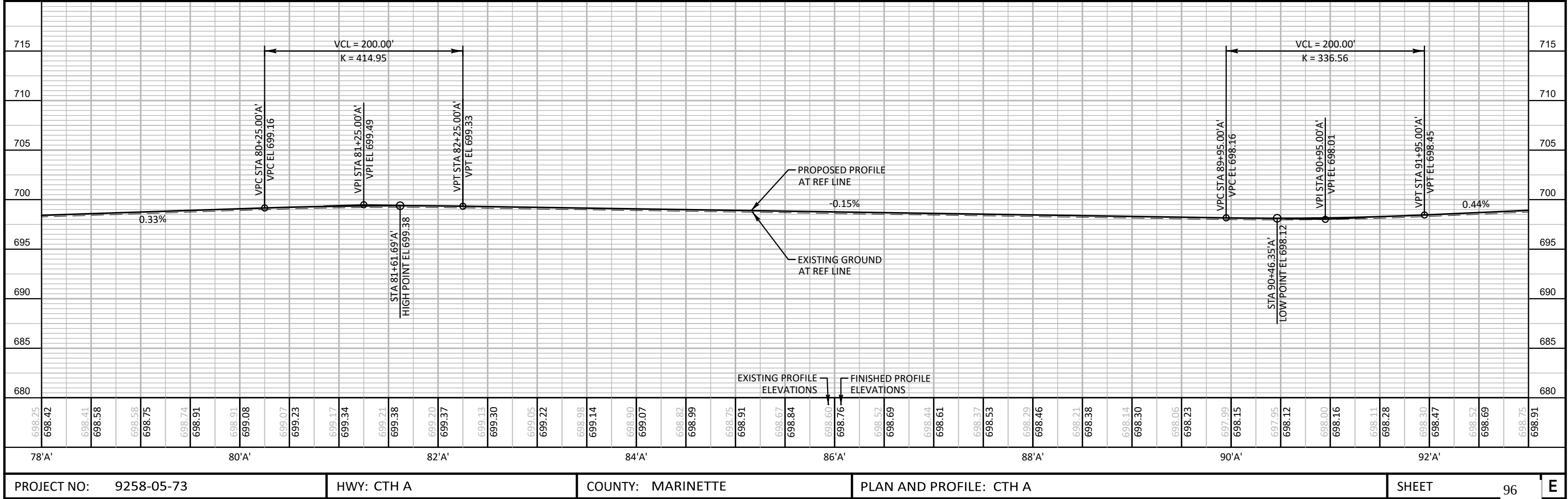
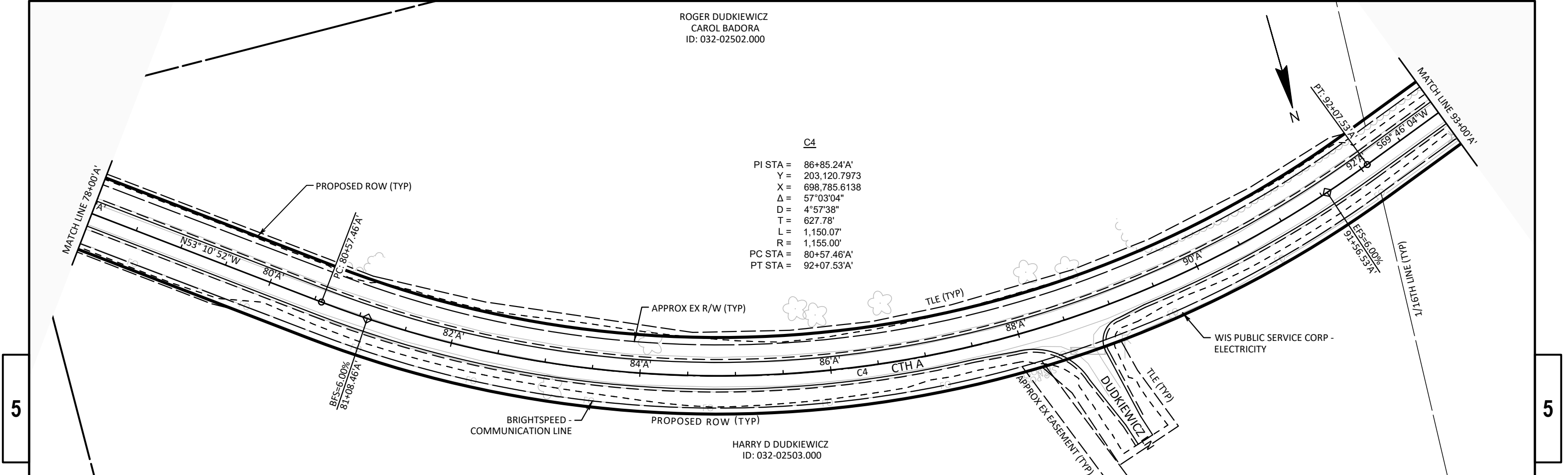
5

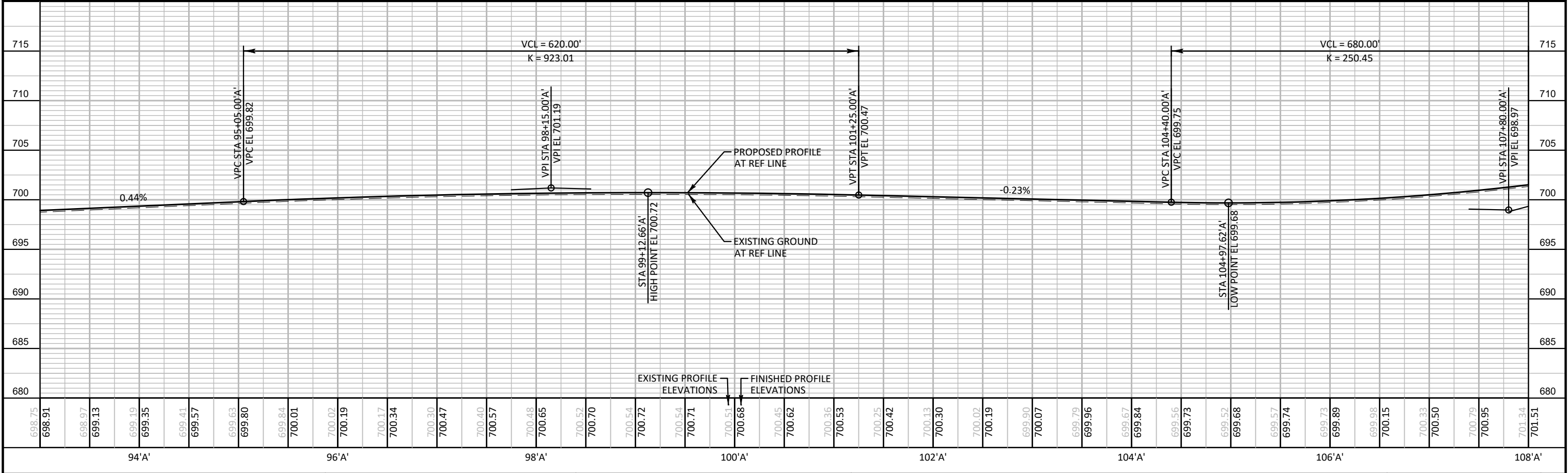
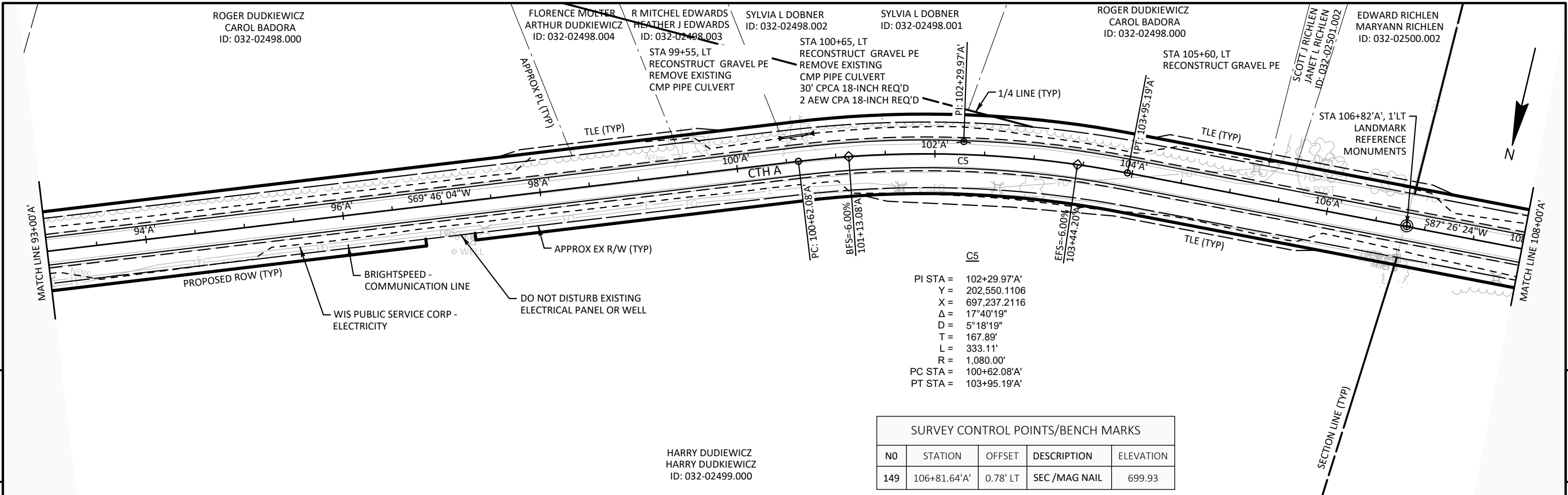


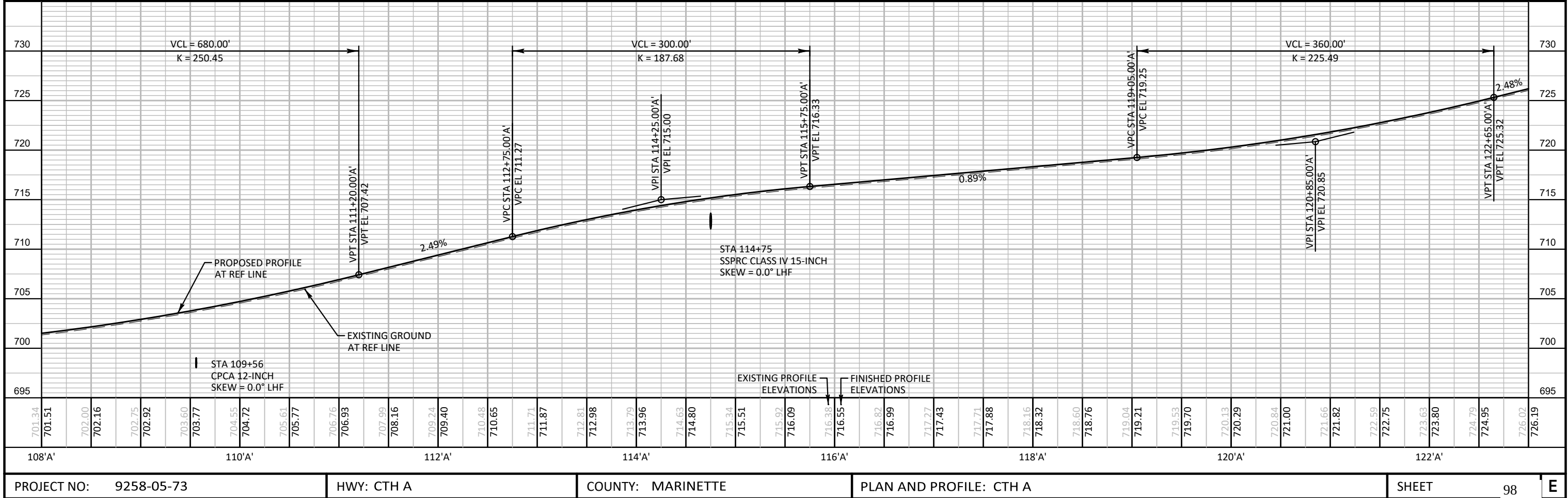
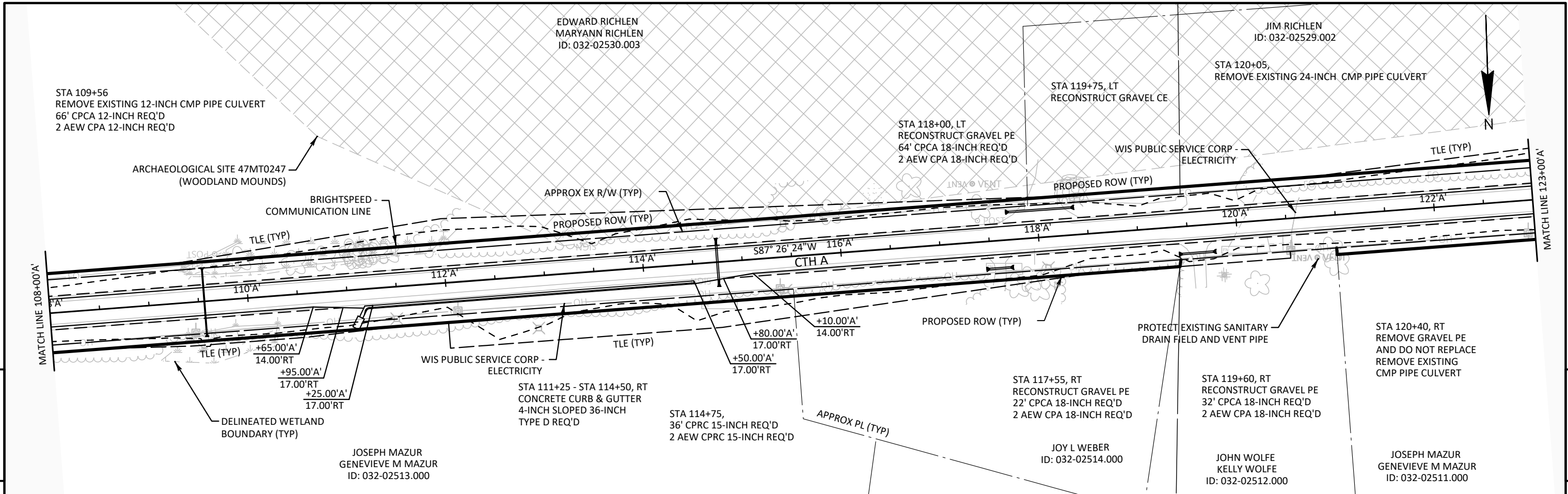


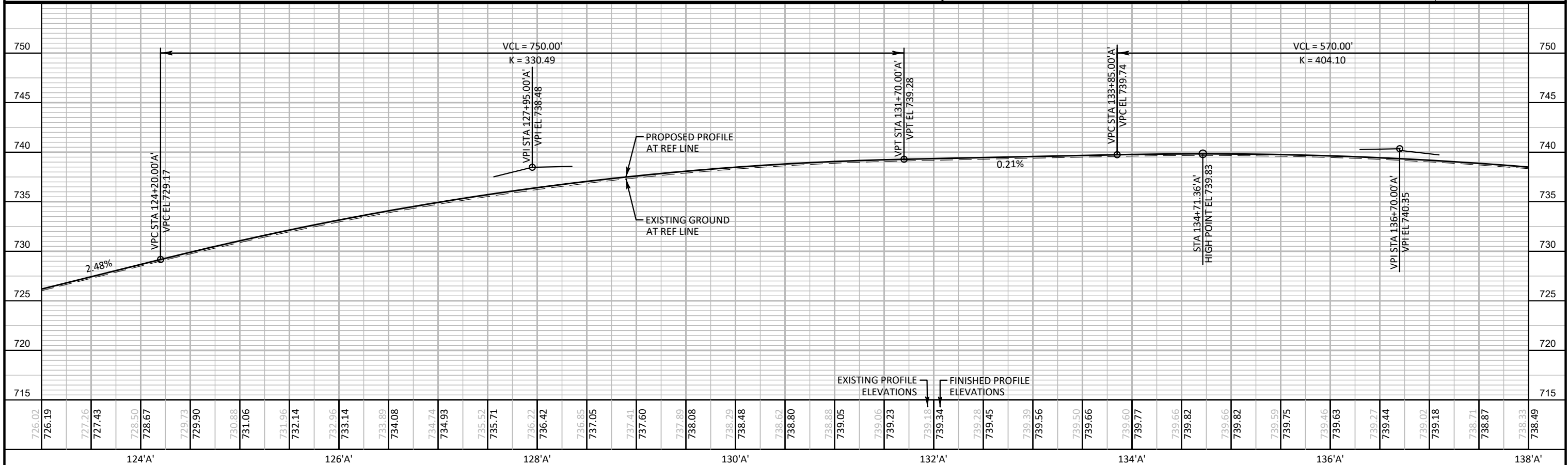
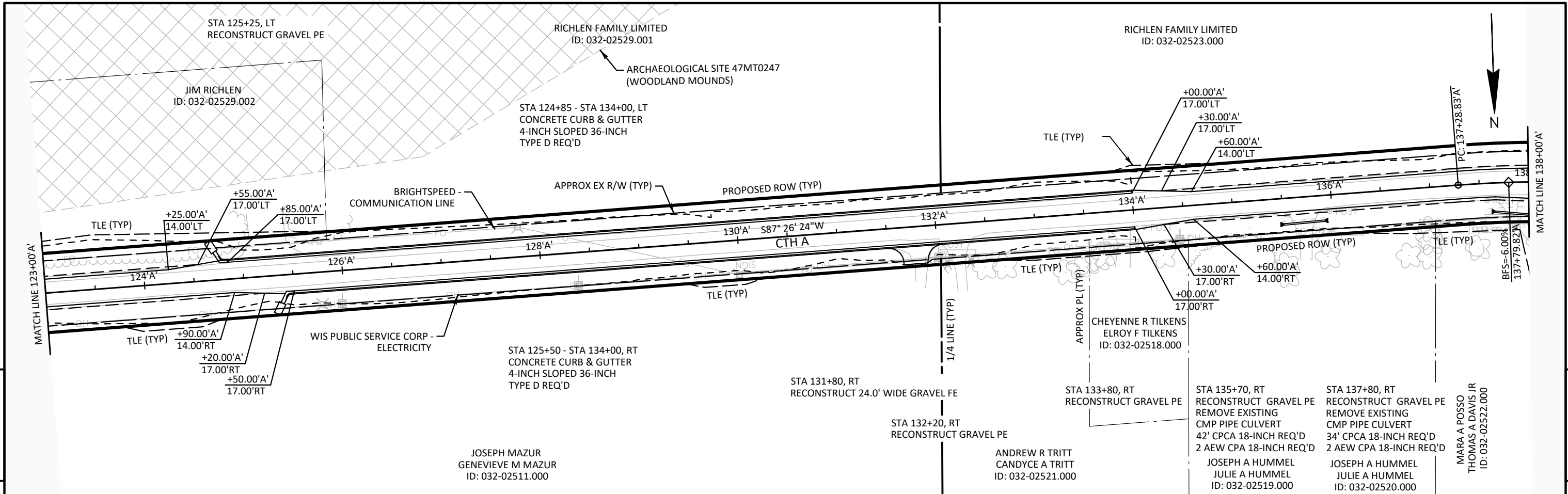


PROJECT NO:	9258-05-73	HWY:	CTH A	COUNTY:	MARINETTE	PLAN AND PROFILE:	CTH A	SHEET	93	E
-------------	------------	------	-------	---------	-----------	-------------------	-------	-------	----	---

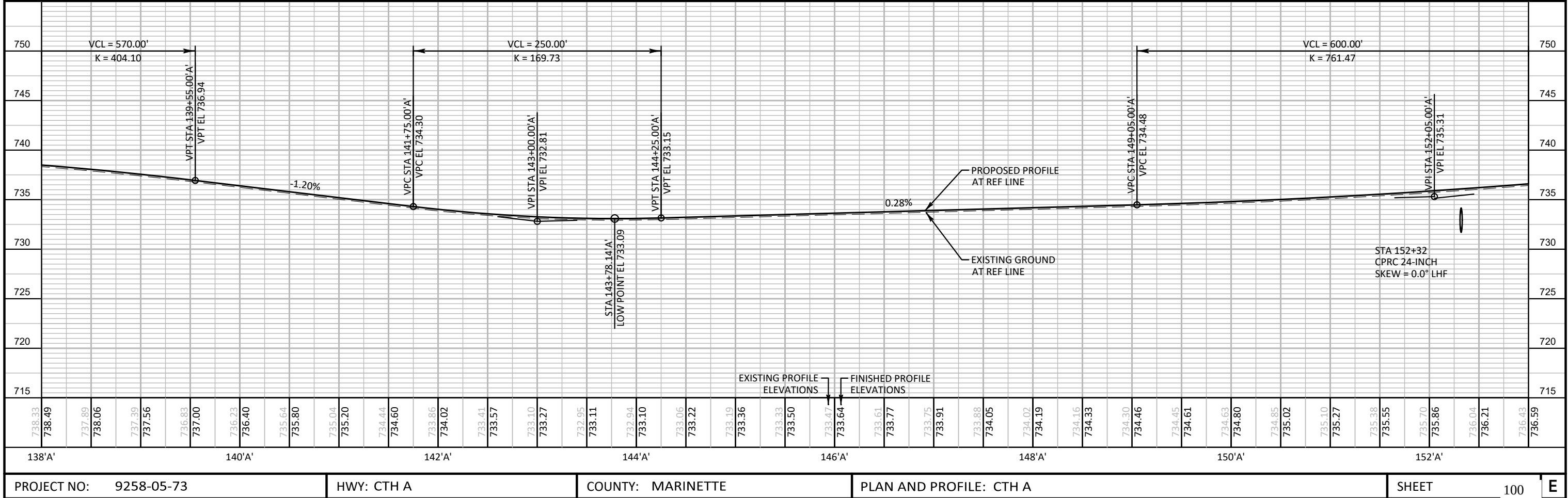
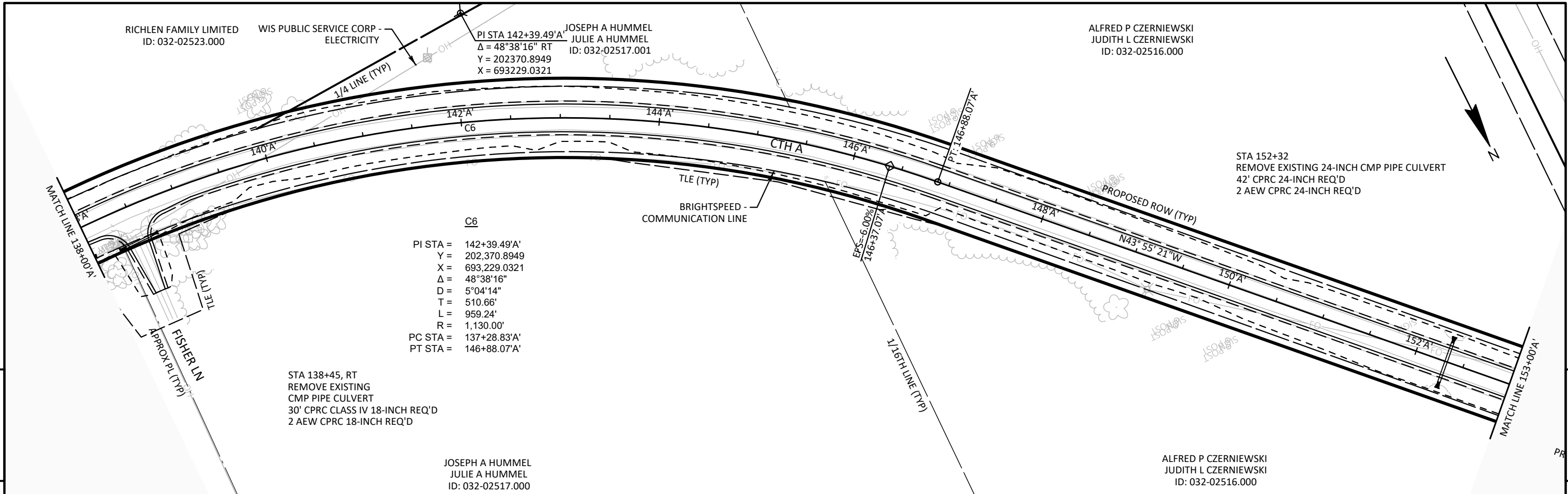


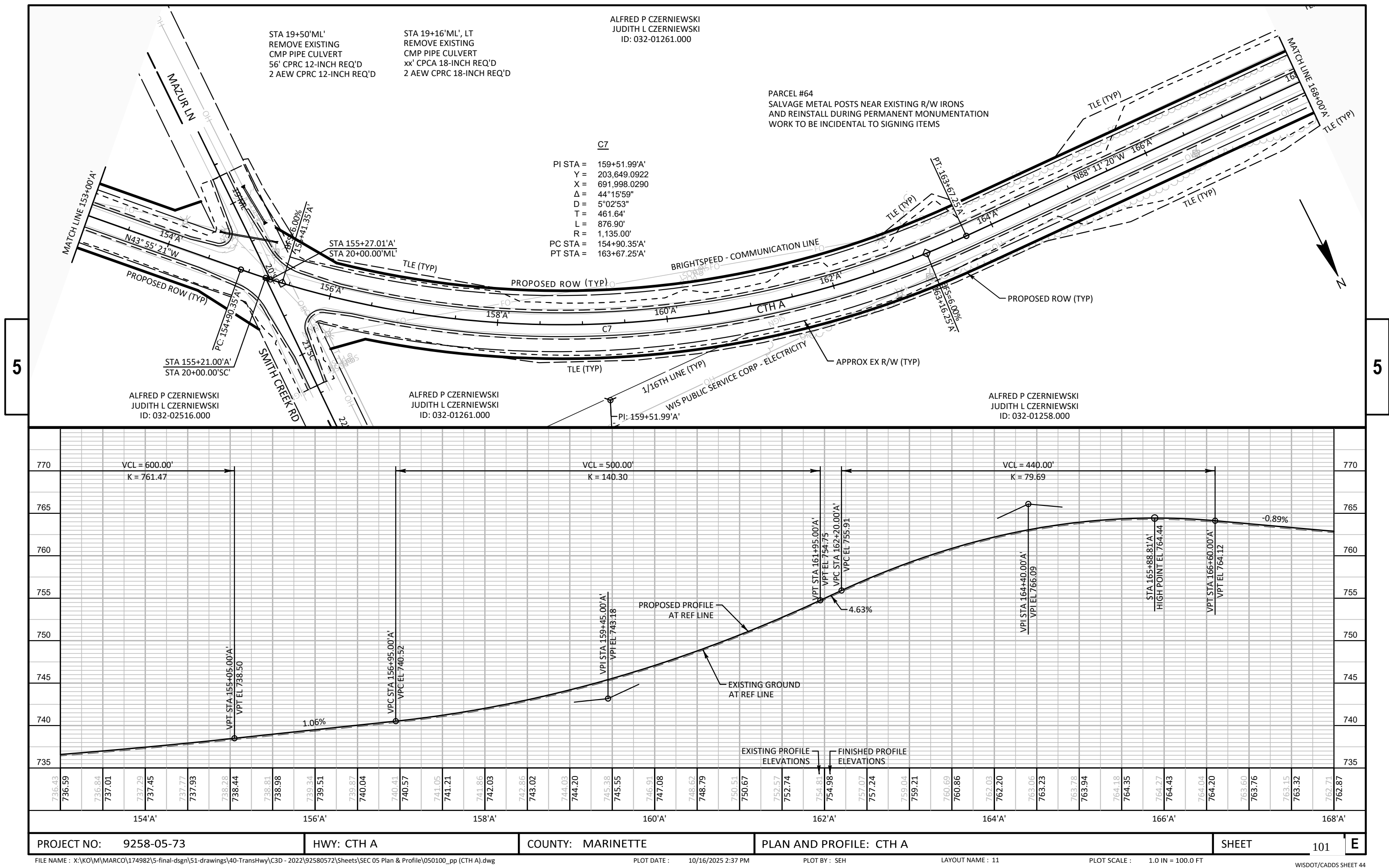






PROJECT NO:	9258-05-73	HWY:	CTH A	COUNTY:	MARINETTE	PLAN AND PROFILE:	CTH A	SHEET	99	E
-------------	------------	------	-------	---------	-----------	-------------------	-------	-------	----	---





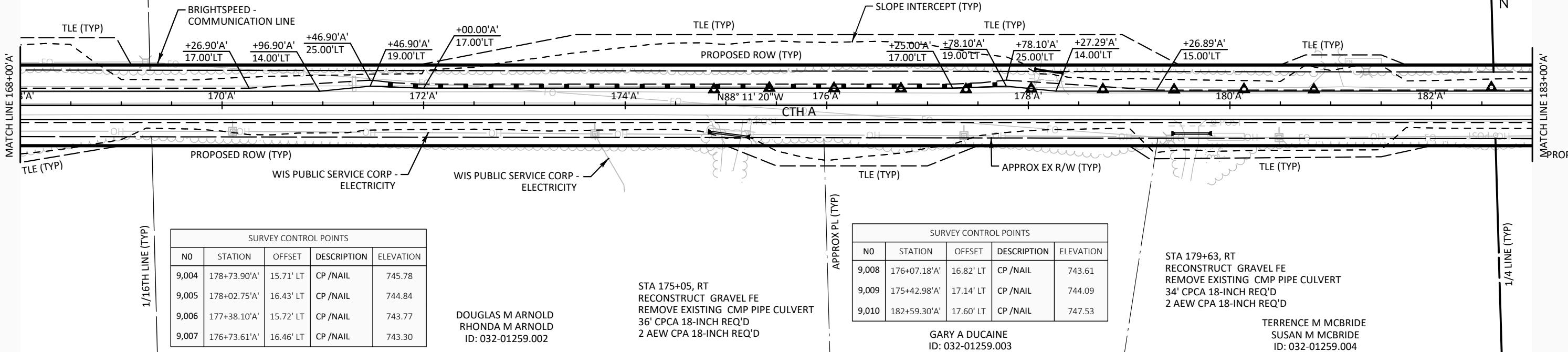
SURVEY CONTROL POINTS				
N0	STATION	OFFSET	DESCRIPTION	ELEVATION
9,000	174+88.09'A'	15.69' LT	CP /NAIL	744.74
9,001	180+83.22'A'	15.54' LT	CP /NAIL	748.13
9,002	180+13.90'A'	15.84' LT	CP /NAIL	747.44
9,003	179+44.58'A'	15.42' LT	CP /NAIL	746.62

STA 171+46.90 - STA 177+78.10, LT
525 LF MGS GUARDRAIL 3 REQ'D
2 MGS GUARDRAIL TERMINAL EAT REQ'D

KENNETH R PISAREK
RONALD R PISAREK
ID: 032-01260.000

STA 178+25, LT
RECONSTRUCT GRAVEL PE
REMOVE EXISTING CMP PIPE CULVERT
26' CPCA 18-INCH REQ'D
2 AEW CPA 18-INCH REQ'D

STA 181+00, LT
RECONSTRUCT GRAVEL PE
PLACE EXISTING WIRE ON PROPERTY
FOR OWNER TO SALVAGE
REMOVE DEAD TREES



SURVEY CONTROL POINTS				
N0	STATION	OFFSET	DESCRIPTION	ELEVATION
9,004	178+73.90'A'	15.71' LT	CP /NAIL	745.78
9,005	178+02.75'A'	16.43' LT	CP /NAIL	744.84
9,006	177+38.10'A'	15.72' LT	CP /NAIL	743.77
9,007	176+73.61'A'	16.46' LT	CP /NAIL	743.30

DOUGLAS M ARNOLD
RHONDA M ARNOLD
ID: 032-01259.002

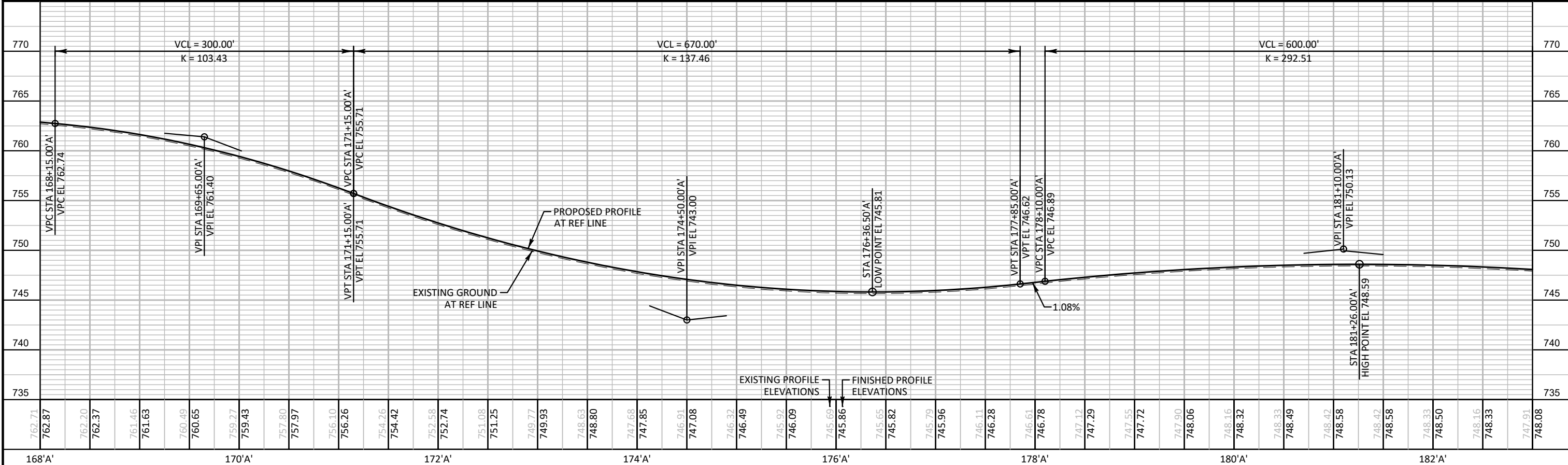
STA 175+05, RT
RECONSTRUCT GRAVEL FE
REMOVE EXISTING CMP PIPE CULVERT
36' CPCA 18-INCH REQ'D
2 AEW CPA 18-INCH REQ'D

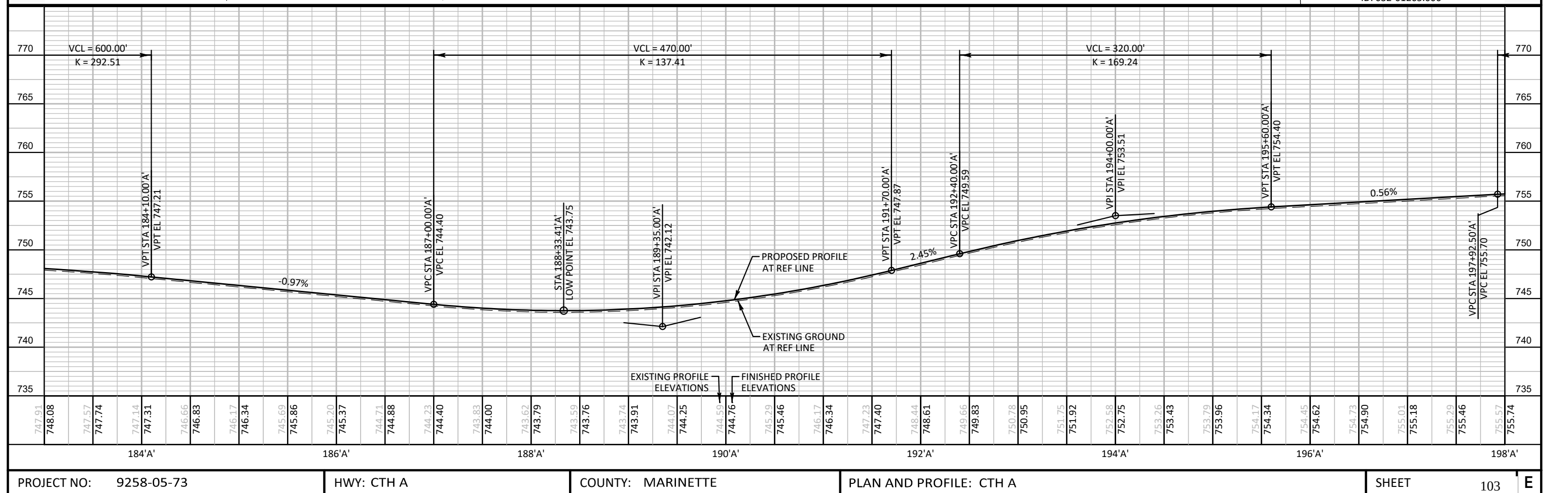
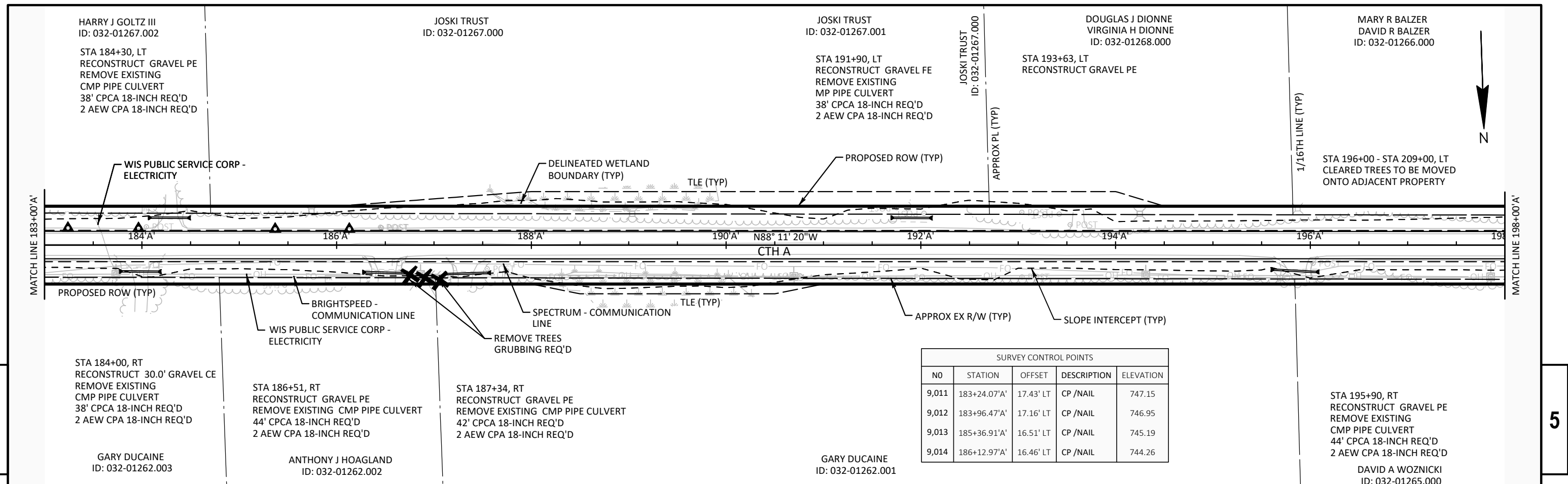
SURVEY CONTROL POINTS				
N0	STATION	OFFSET	DESCRIPTION	ELEVATION
9,008	176+07.18'A'	16.82' LT	CP /NAIL	743.61
9,009	175+42.98'A'	17.14' LT	CP /NAIL	744.09
9,010	182+59.30'A'	17.60' LT	CP /NAIL	747.53

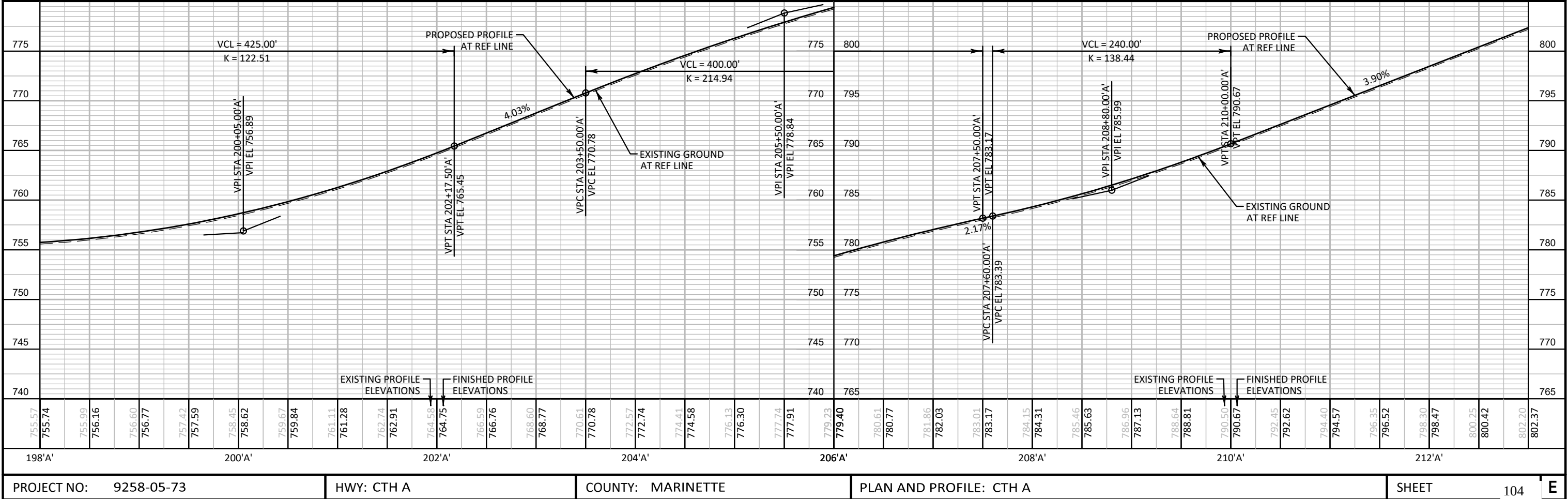
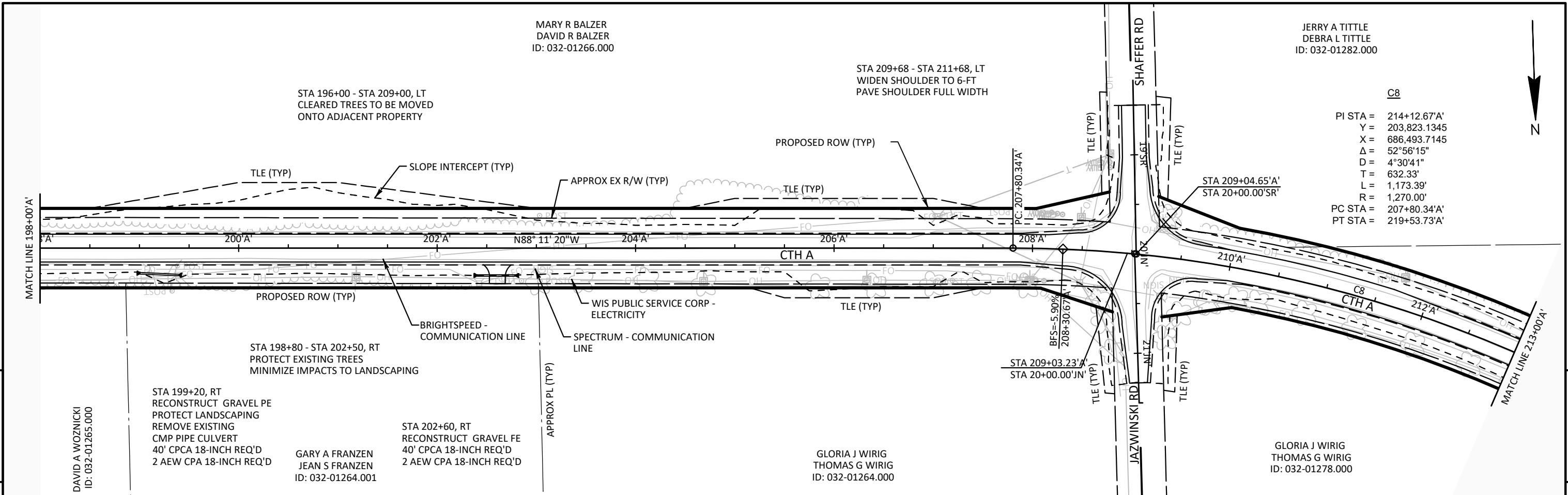
GARY A DUCAINE
ID: 032-01259.003

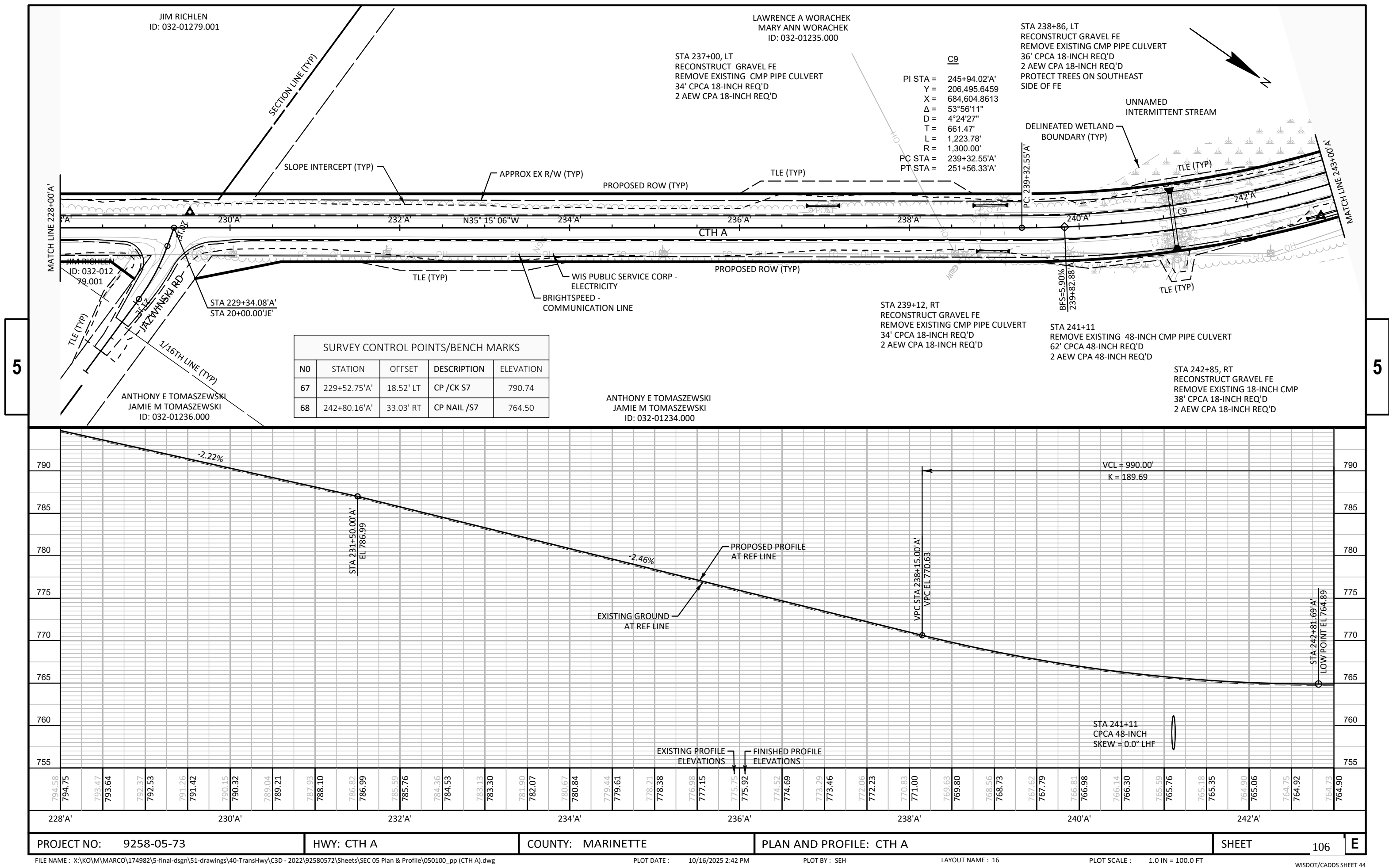
STA 179+63, RT
RECONSTRUCT GRAVEL FE
REMOVE EXISTING CMP PIPE CULVERT
34' CPCA 18-INCH REQ'D
2 AEW CPA 18-INCH REQ'D

TERRENCE M MCBRIDE
SUSAN M MCBRIDE
ID: 032-01259.004





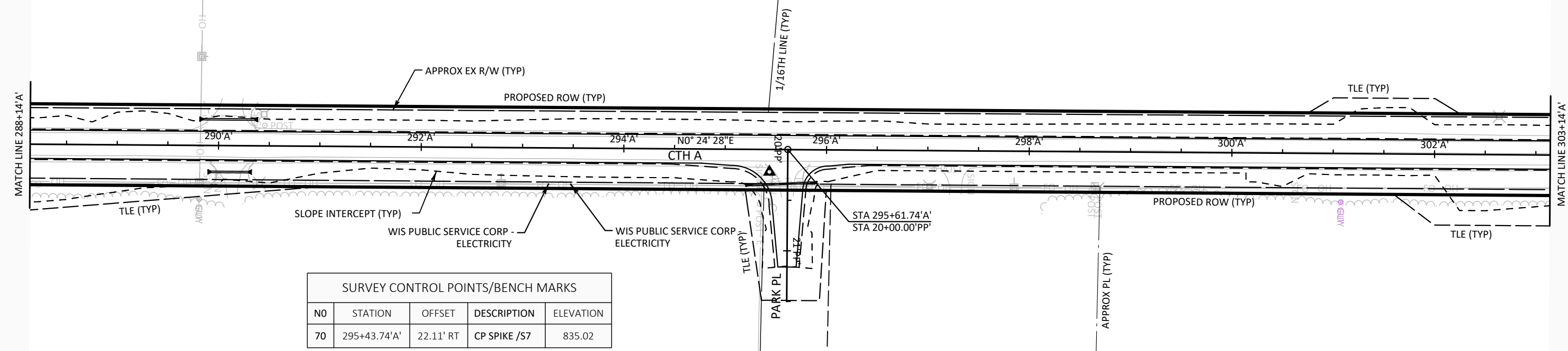
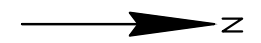




STA 290+00, LT
RECONSTRUCT GRAVEL PE
REMOVE EXISTING CMP PIPE CULVERT
52' CPCA 18-INCH REQ'D
2 AEW CPA 18-INCH REQ'D

RONALD WEINHART
DONALD WEINHART
ID: 032-01198.000

RONALD WEINHART
DONALD WEINHART
ID: 032-01194.000



SURVEY CONTROL POINTS/BENCH MARKS				
NO	STATION	OFFSET	DESCRIPTION	ELEVATION
70	295+43.74'A'	22.11' RT	CP SPIKE /S7	835.02

STA 290+00, RT
RECONSTRUCT GRAVEL FE
REMOVE EXISTING CMP PIPE CULVERT
38' CPCA 18-INCH REQ'D
2 AEW CPA 18-INCH REQ'D

WILLIAM A CROFT JR
AMANDA L CROFT
ID: 032-01224.000

STA 295+61, RT
REMOVE EXISTING CMP PIPE CULVERT
58' CPRC CLASS IV 12-INCH REQ'D
2 AEW CPRC 12-INCH REQ'D

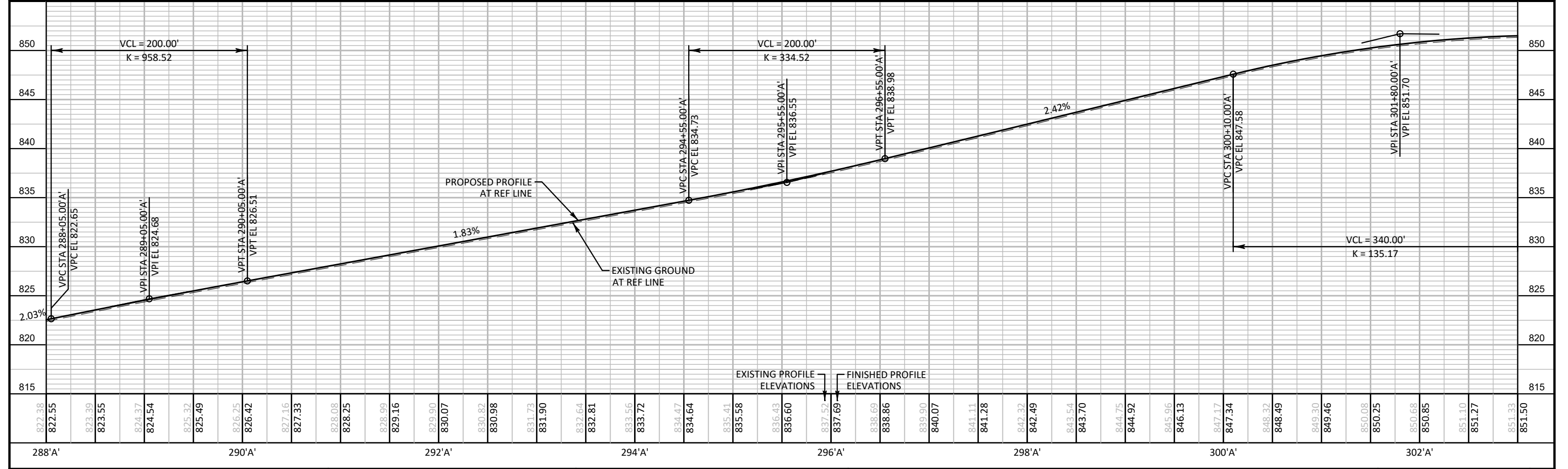
RANDALL C POLSON
STEPHANIE POLSON
ID: 032-01223.016

STA 297+13, RT
RECONSTRUCT GRAVEL PE

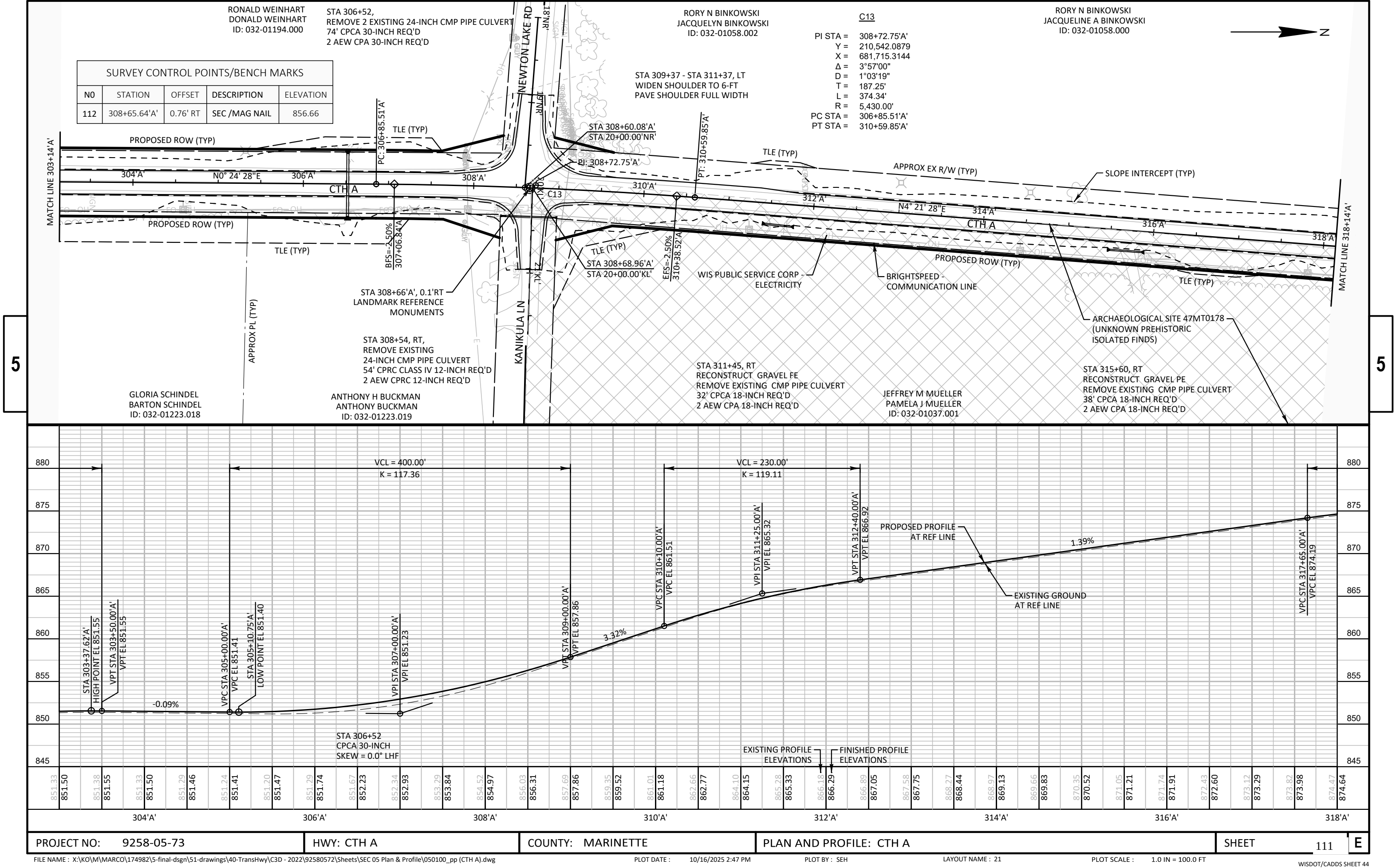
GLORIA SCHINDEL
BARTON SCHINDEL
ID: 032-01223.018

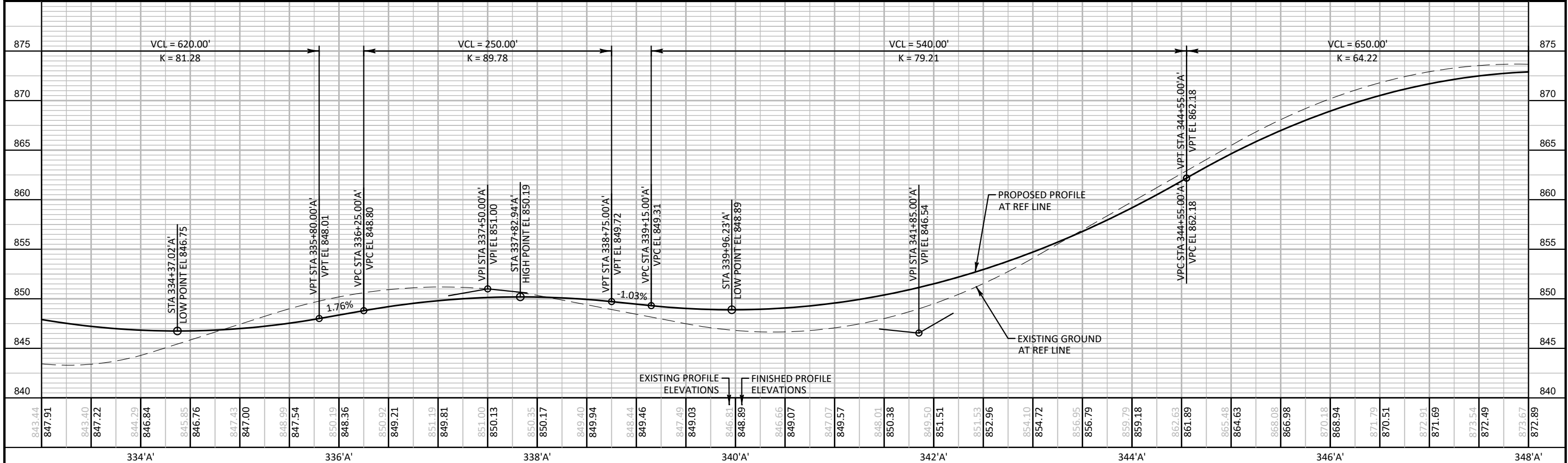
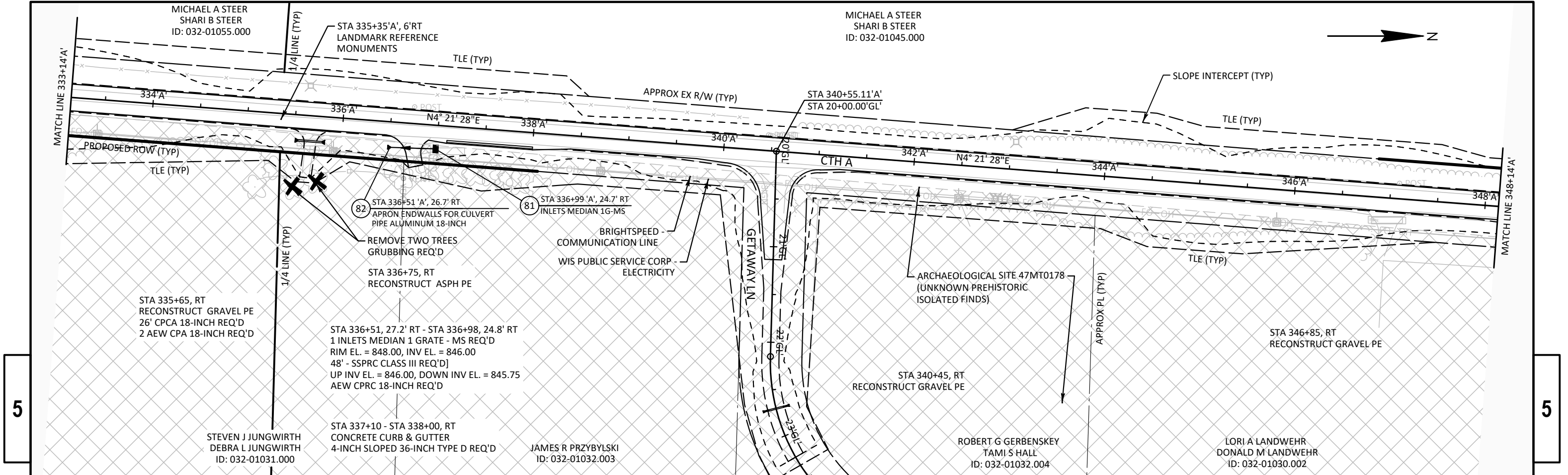
5

5

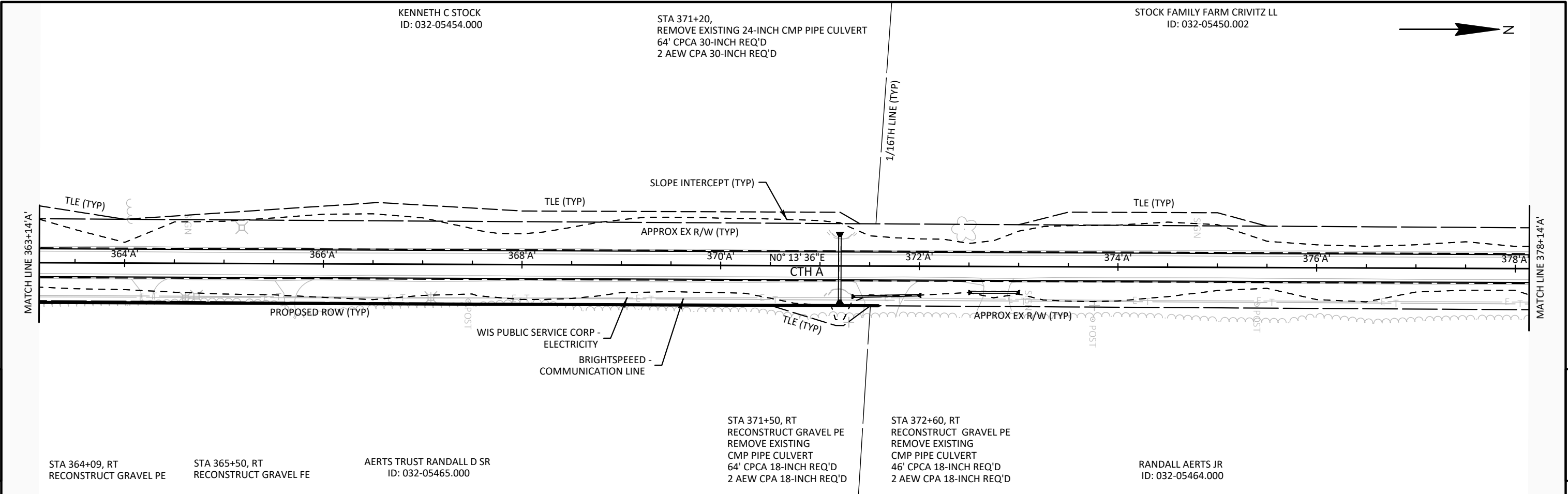


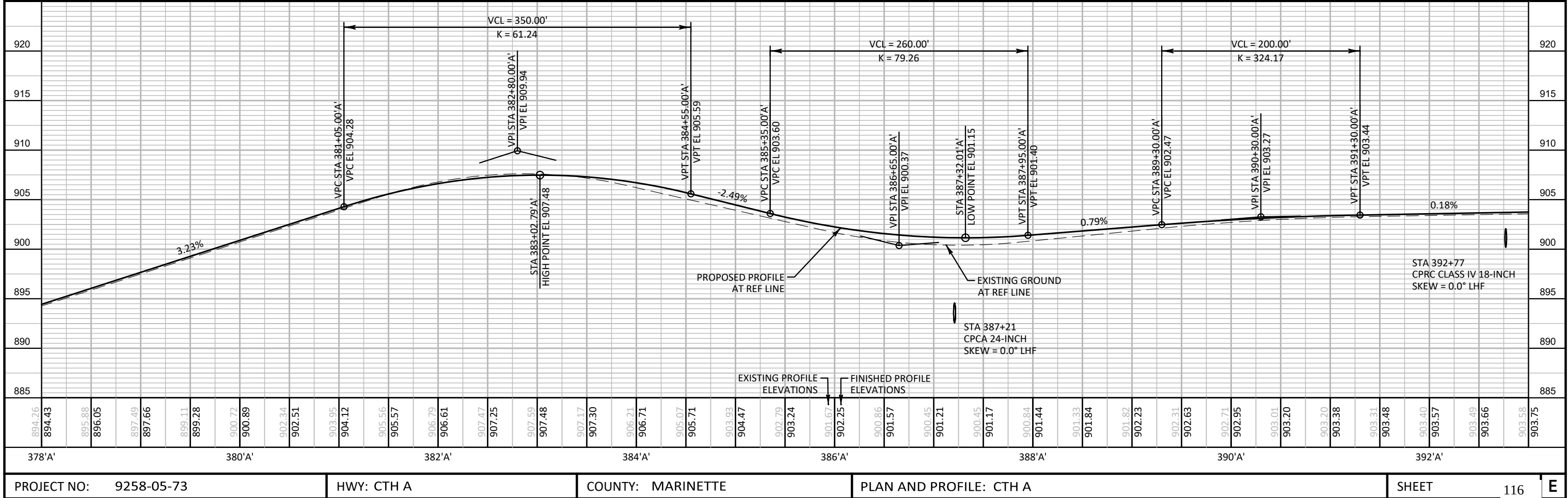
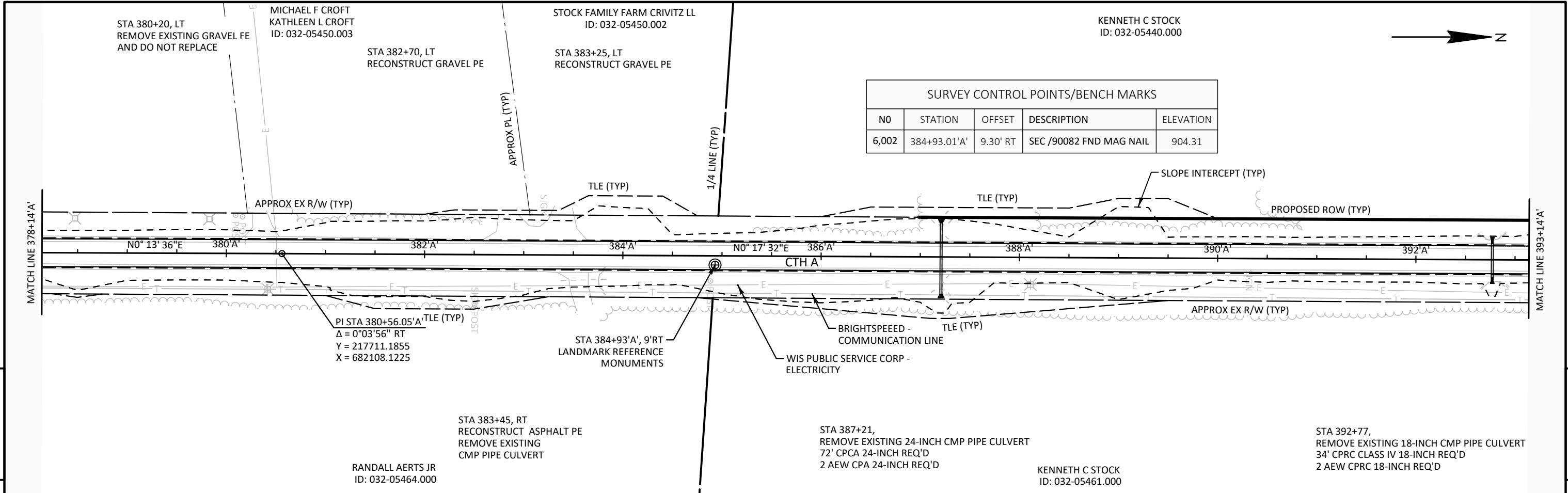
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	PLAN AND PROFILE: CTH A	SHEET 110	E
------------------------	------------	-------------------	-------------------------	-----------	---

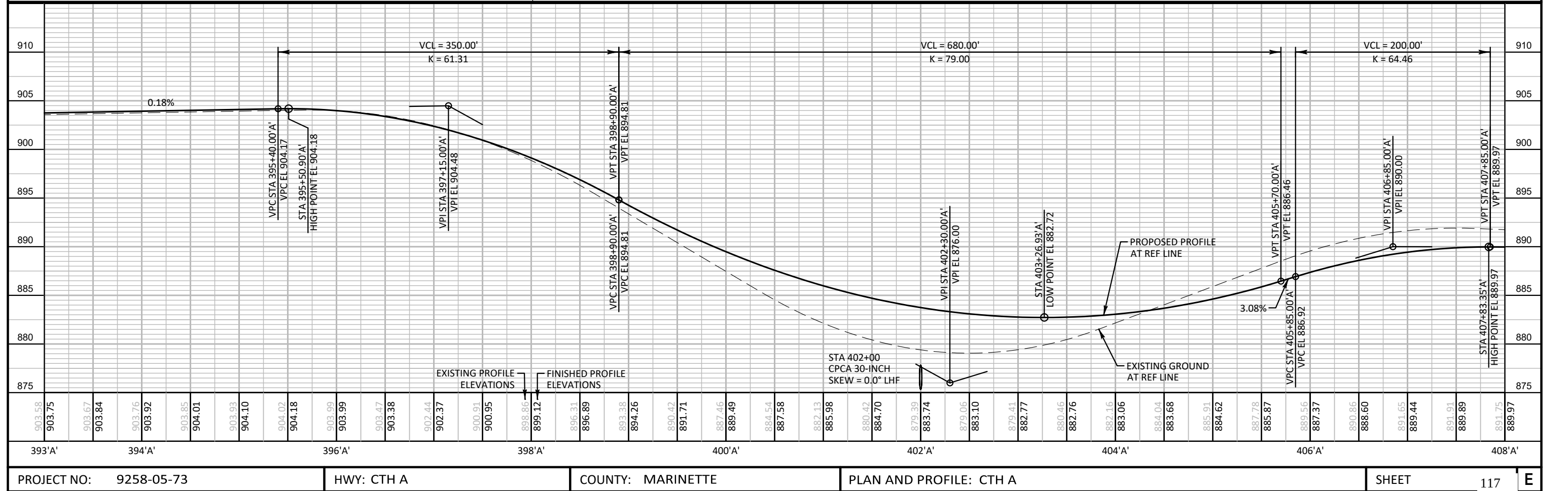
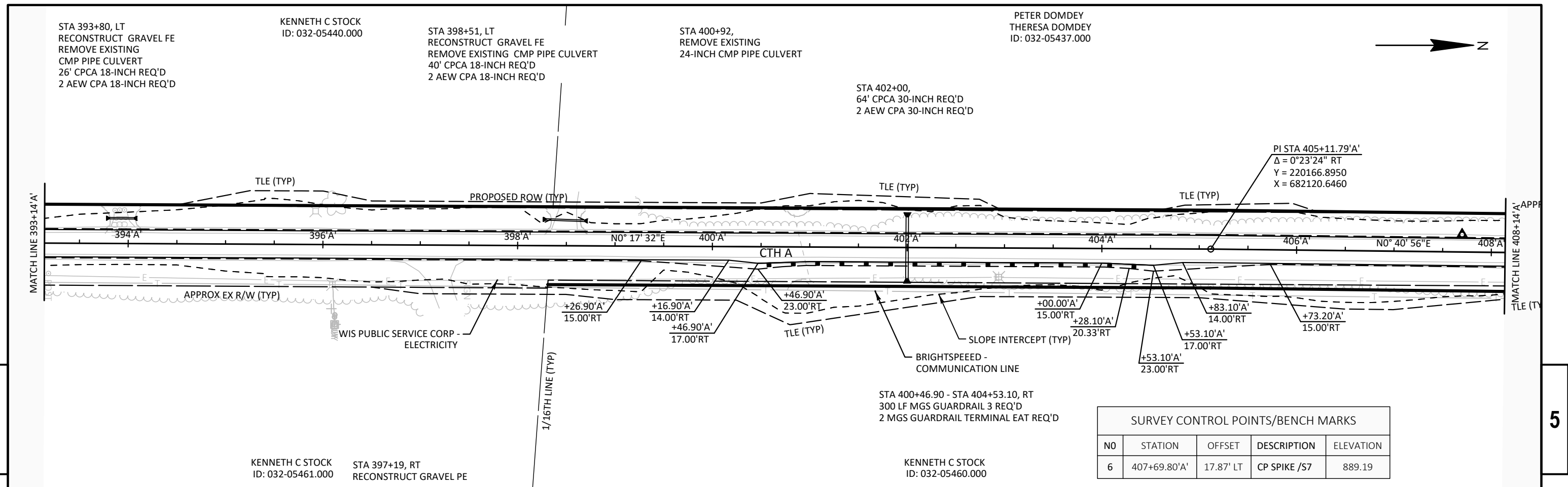


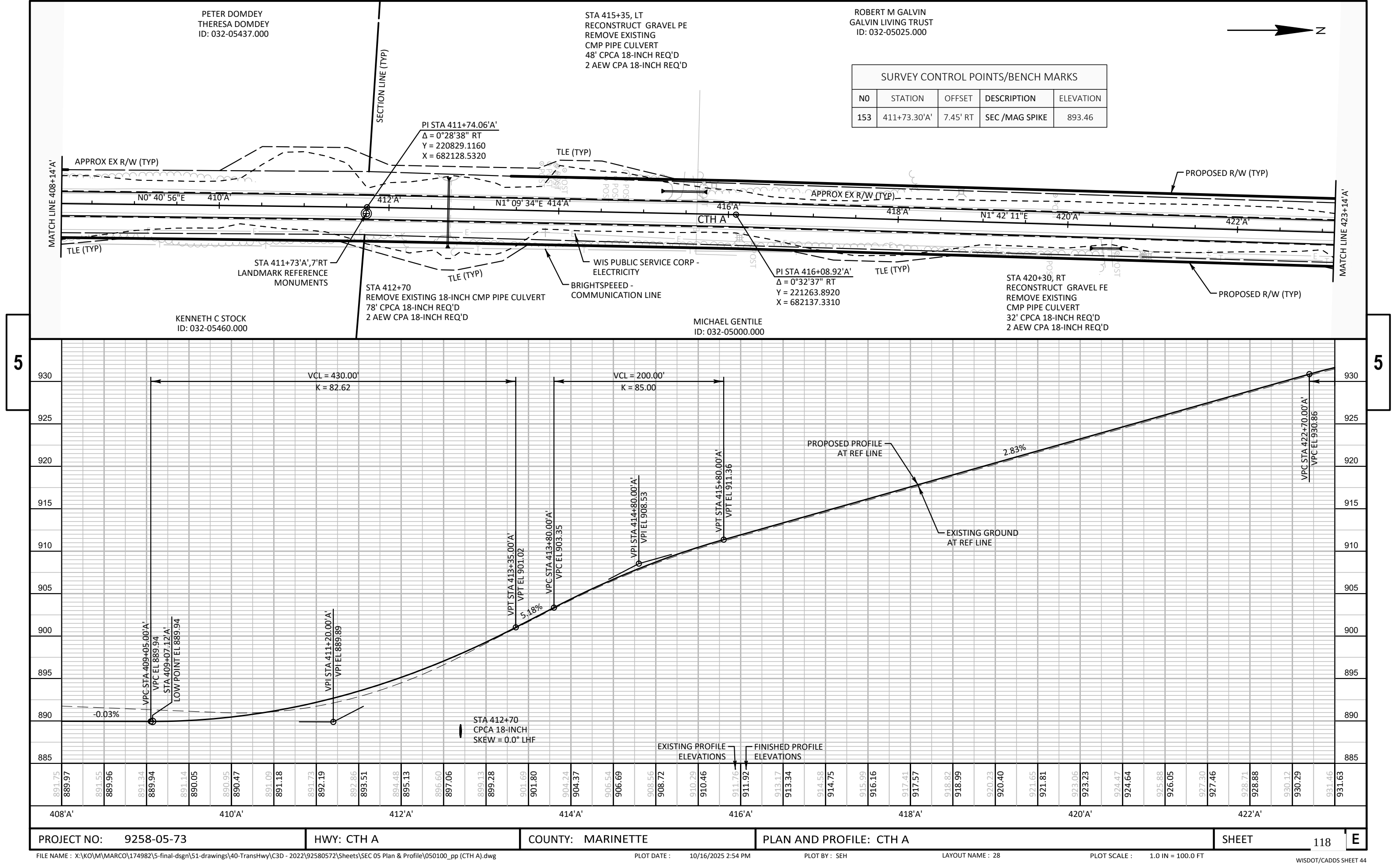


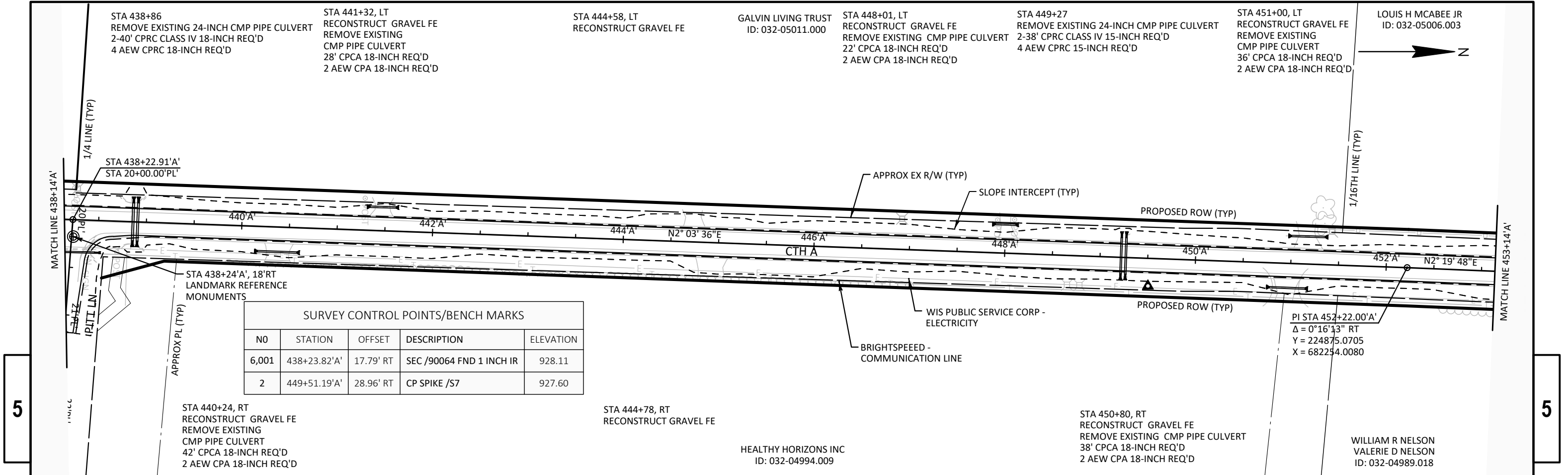
PROJECT NO:	9258-05-73	HWY:	CTH A	COUNTY:	MARINETTE	PLAN AND PROFILE:	CTH A	SHEET	113	E
-------------	------------	------	-------	---------	-----------	-------------------	-------	-------	-----	---

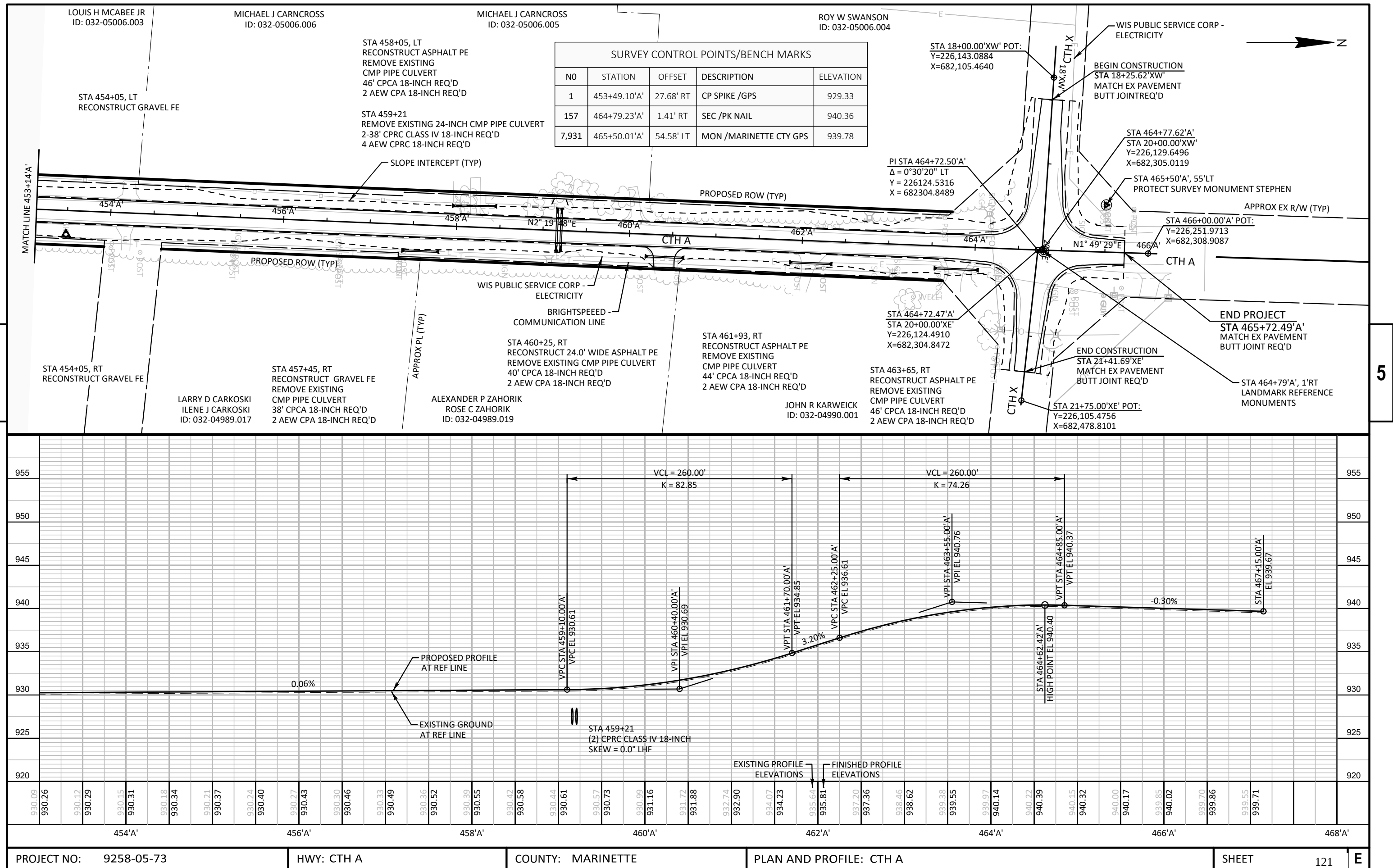


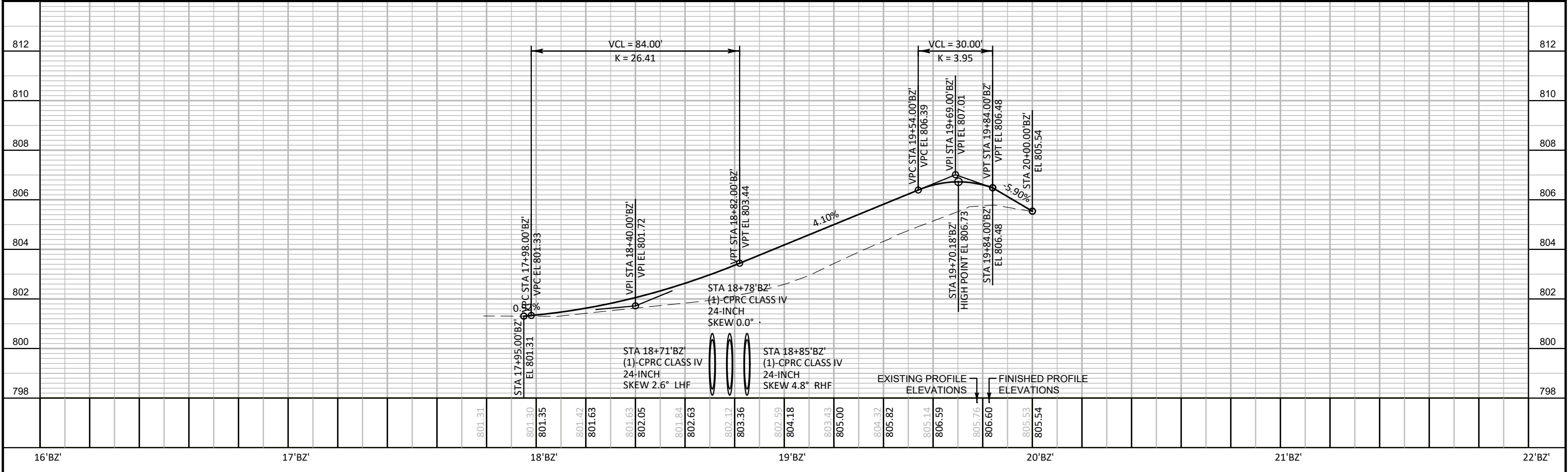
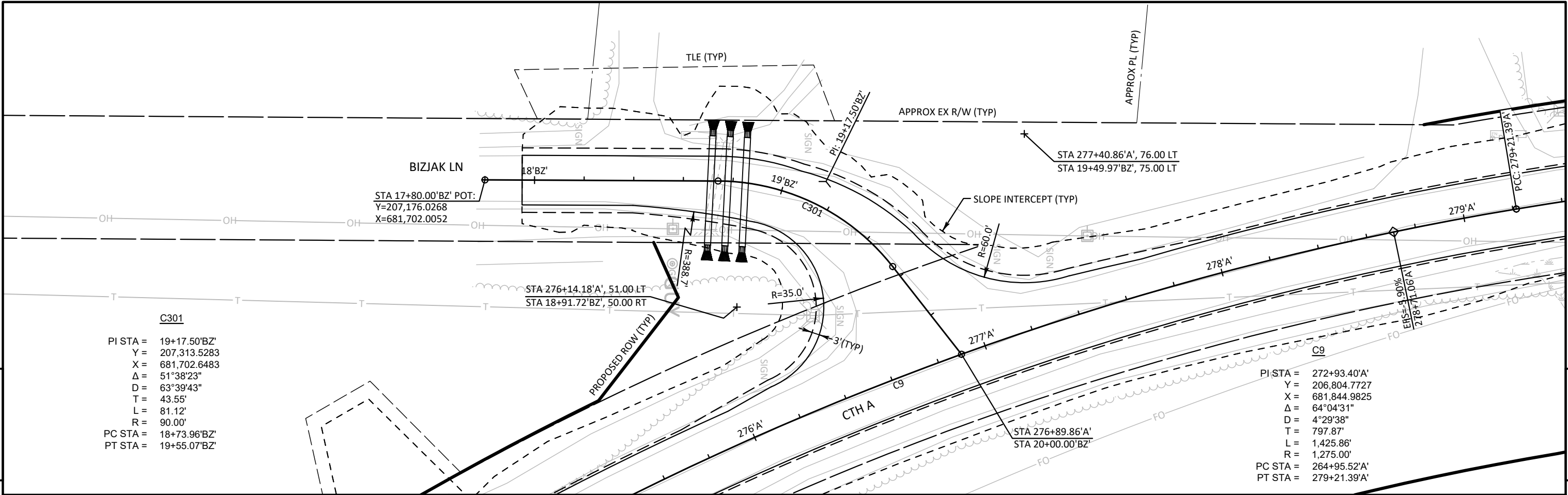


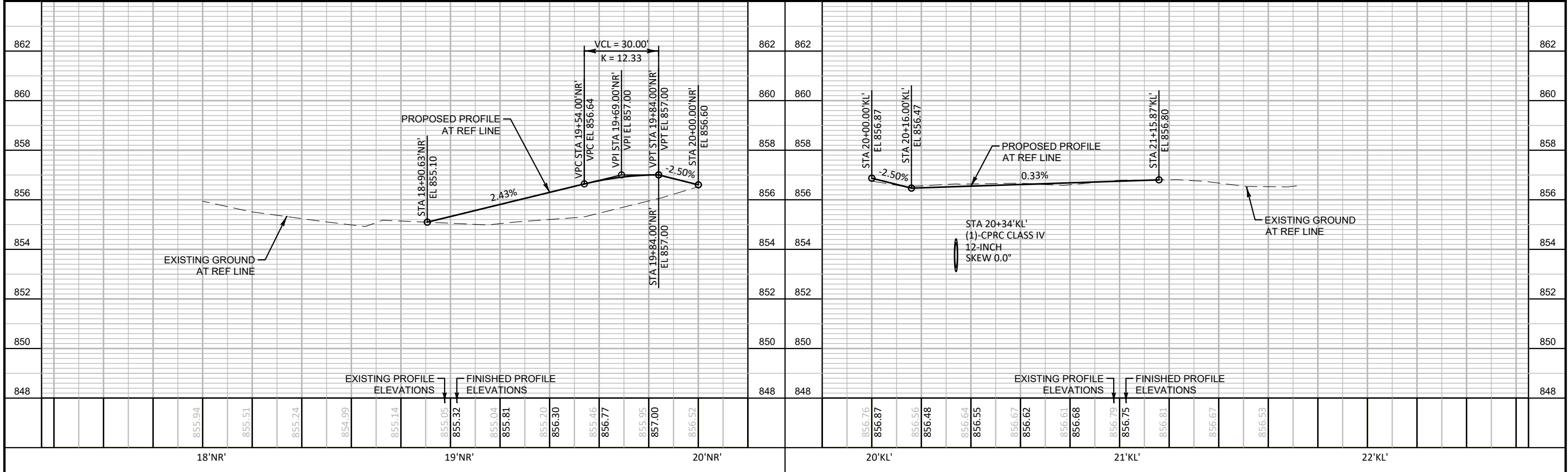
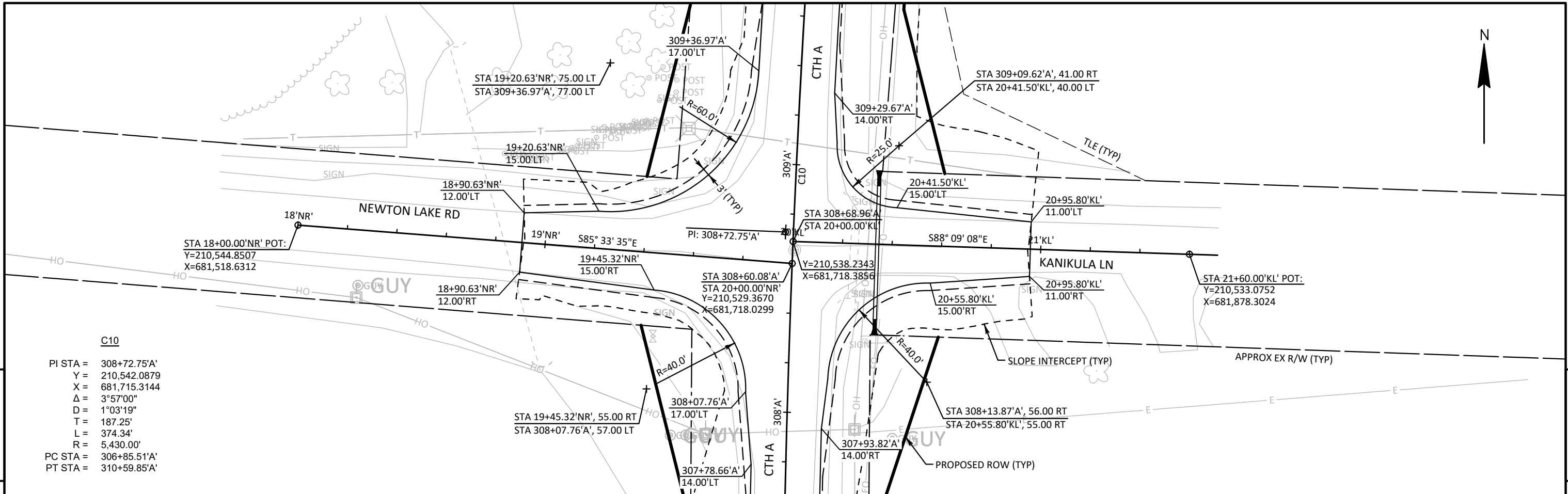






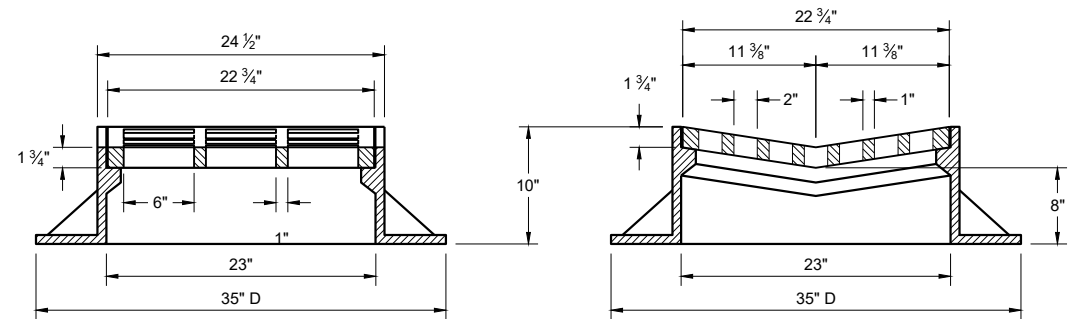






Standard Detail Drawing List

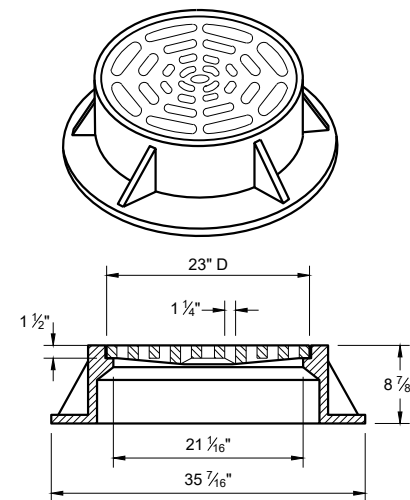
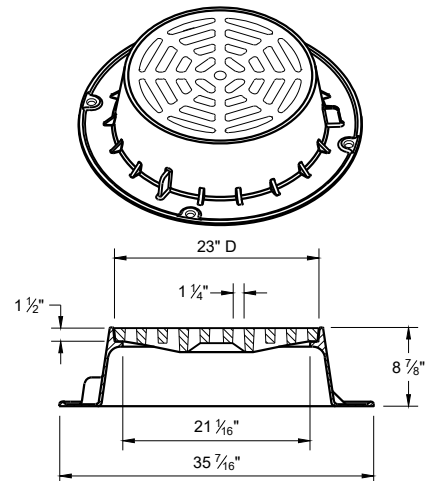
08A05-22B	INLET COVERS TYPE B, B-A, C, MS, MS-A, DW & WM
08A05-22C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ & HM-GJ-S
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C08-03	INLETS MEDIAN 1 AND 2 GRATE
08D01-24A	CONCRETE CURB & GUTTER
08D01-24B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D20-02	DRIVEWAYS WITH CURB & GUTTER RETURNS
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
08E08-03	TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS
08E09-06	SILT FENCE
08E10-02	INLET PROTECTION TYPE A, B, C AND D
08E15-01	CULVERT PIPE CHECK
08F01-11	APRON ENDWALLS FOR CULVERT PIPE
08F04-08	JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL
13A11-04A	CENTERLINE RUMBLE STRIPS - ASPHALT
13A11-04D	CENTERLINE RUMBLE STRIPS - INTERSECTIONS, DRIVEWAYS, BRIDGES, RAILROADS
13C19-03	HMA LONGITUDINAL JOINTS
14B29-01	SAFETY EDGE
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
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)
14D01-01	TURTLE EXCLUSION FENCE CLIMBING TURTLE
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
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 TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-24A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-24B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-10A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15D28-04	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY
15D39-03	TRAFFIC CONTROL, DROP-OFF SIGNING
15D45-03	TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH LOOSE GRAVEL



TYPE "B"

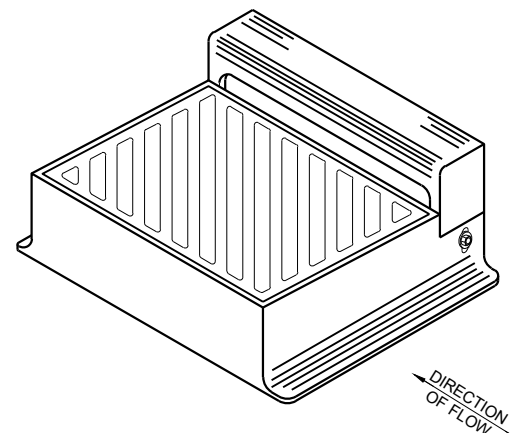
**ALTERNATIVE GRATE FOR
TYPE "B" COVER**

USE WHERE PEDESTRIAN OF BICYCLE TRAFFIC IS POSSIBLE
NOTED AS TYPE B - A ON THE DRAINAGE TABLE

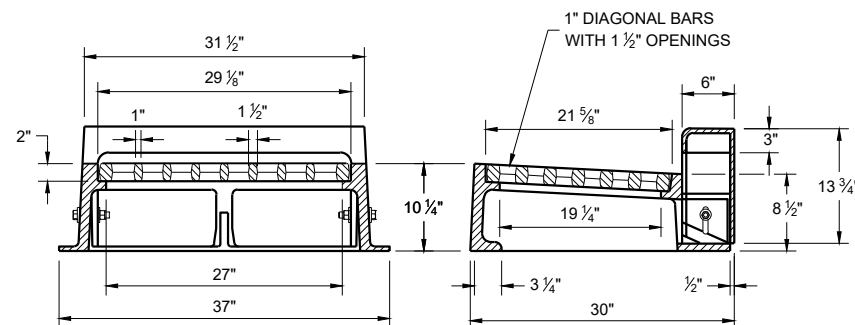


TYPE "C"

NOTE: EITHER CASTING IS ACCEPTABLE



DIAGONAL SLOTS SHALL BE ORIENTED TO THE
DIRECTION OF FLOW AS ILLUSTRATED.
GRATES ARE MANUFACTURED TO BE REVERSIBLE.



TYPE "WM"

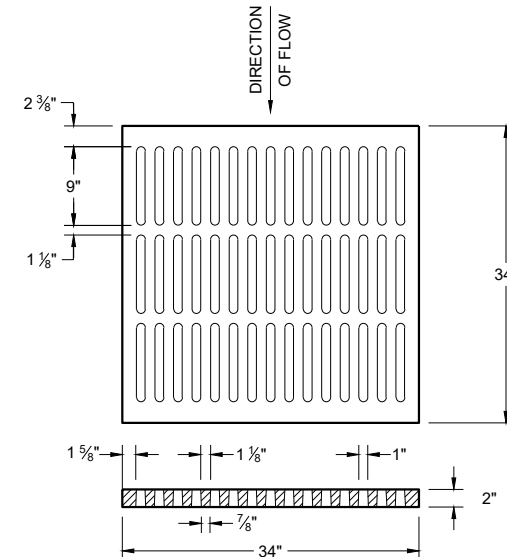
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

GENERAL NOTES

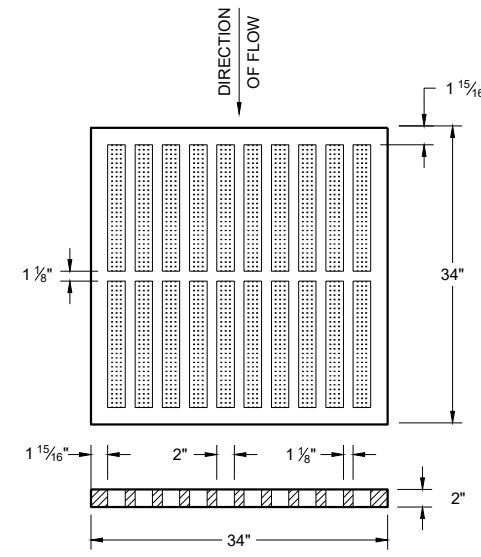
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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.

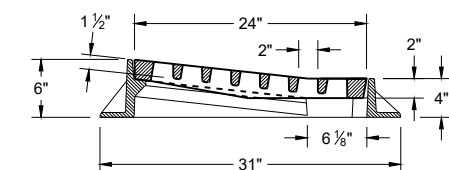
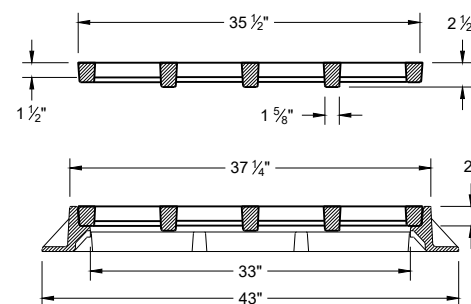
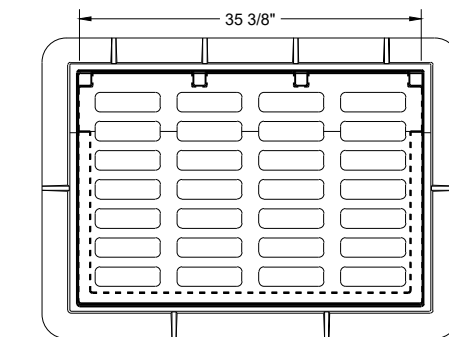
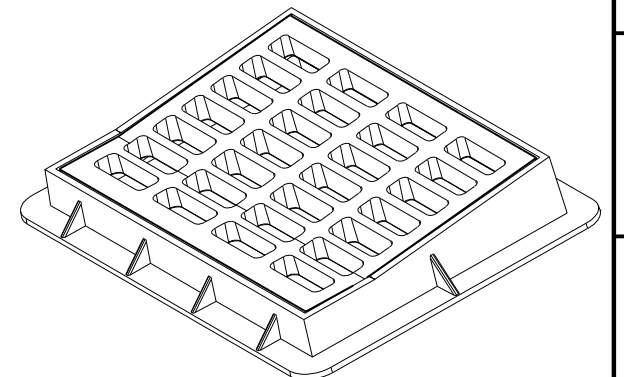
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.



ALTERNATIVE TYPE "MS"
USE WHERE PEDESTRIAN OF 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 THE
DRAINAGE TABLE**



TYPE "DW"

NOTES: FOR USE IN A SUMP CONDITION. THIS OPTION IS
ONLY TO BE USED IF NO OTHER INLETS ARE APPLICABLE.

**INLET COVERS
TYPES B, B-A, C,
MS, MS-A ,DW AND WM**

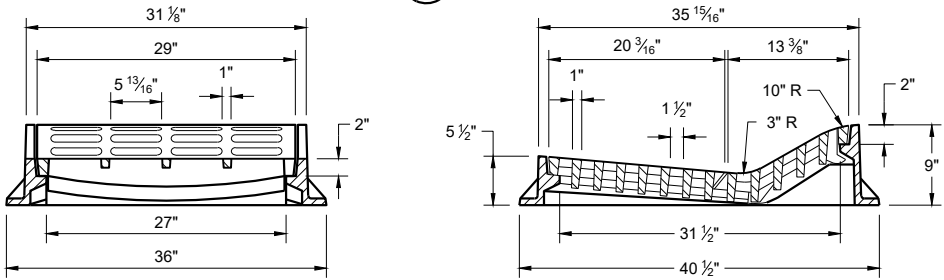
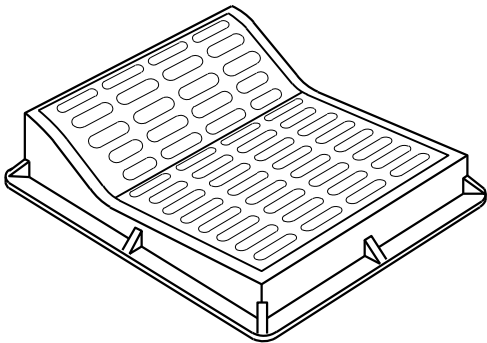
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 DATE /S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR
FHWA

GENERAL NOTES

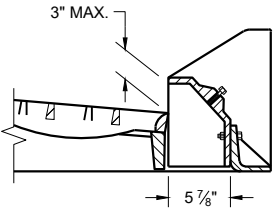
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

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 "F"

USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"

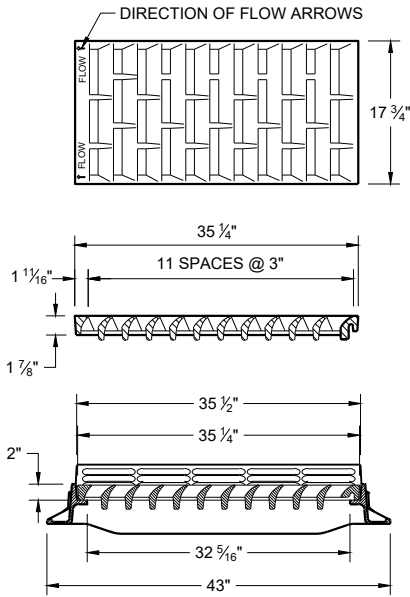


ALTERNATIVE CURB BOX
FOR TYPE "HM" COVER

USE WITH TYPES "G" AND "J" CONCRETE CURB AND GUTTER, 30 INCH
NOTED AS TYP "HM-GJ" ON DRAINAGE TABLE

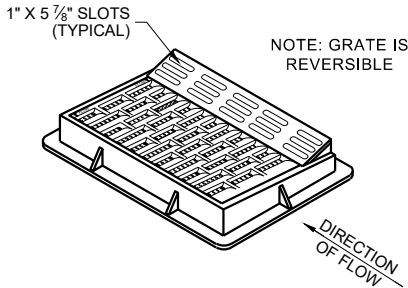
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.

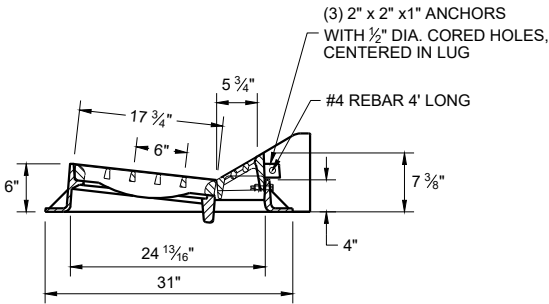


TYPE "HM"

USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"

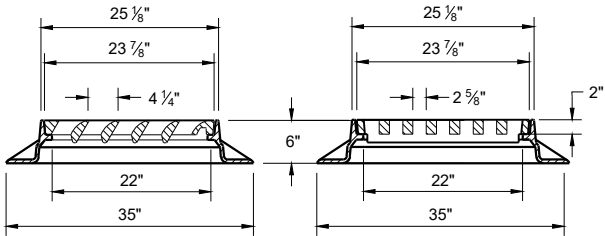
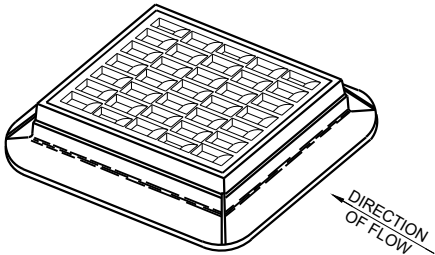


NOTE: GRATE IS REVERSIBLE

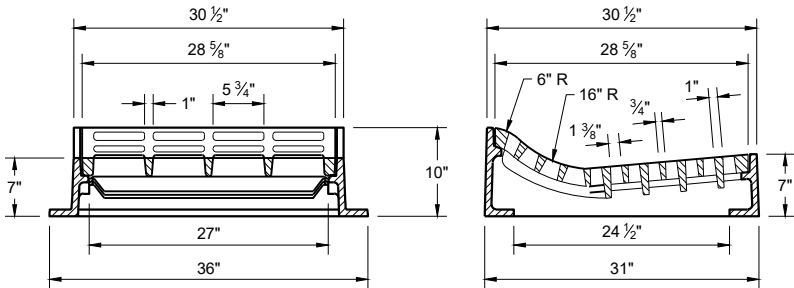
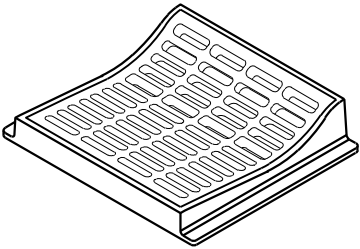


NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.



TYPE "S"



TYPE "T"

USE WITH TYPES "R" AND "T" CONCRETE CURB AND GUTTER, 36"

INLET COVERS
TYPES F, HM, HM-S, S, T,
HM-GJ AND HM-GJ-S

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

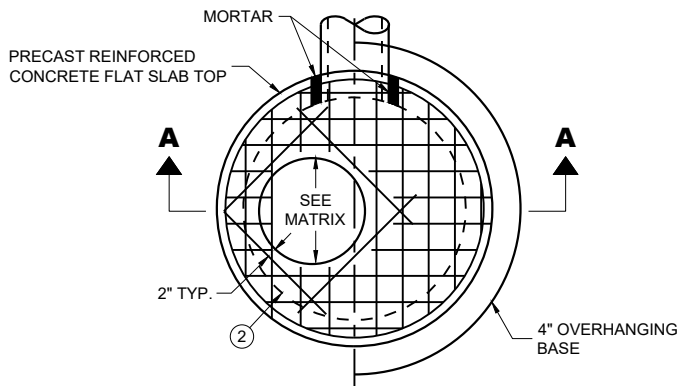
APPROVED

February 2025
DATE

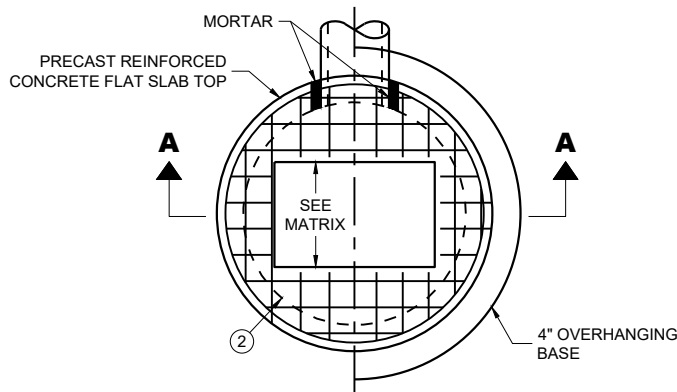
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA

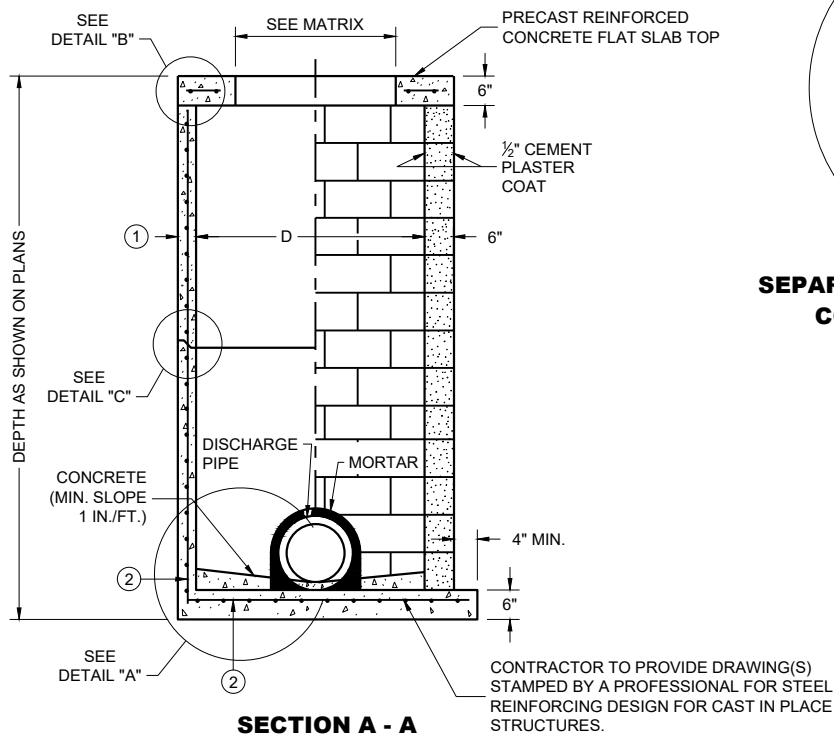
127



PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE

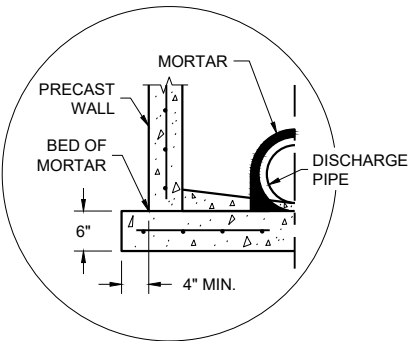
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

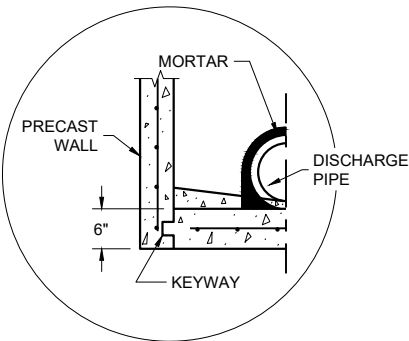
INLET SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V V-B	WM	Z
	OPENING SIZE (FT.)											
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

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

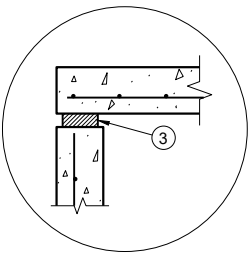


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

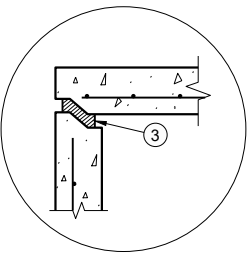


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

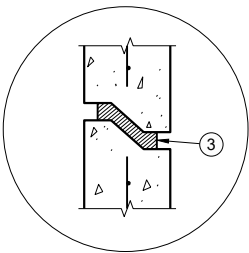
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

INLETS 3-FT AND 4-FT DIAMETER

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.

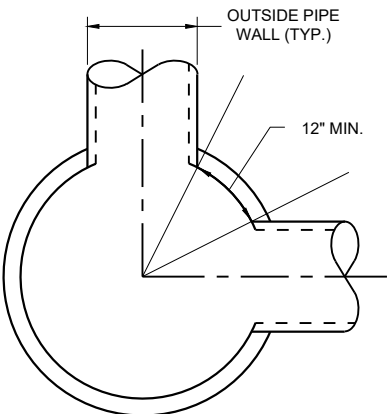
ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M199.

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 "D".

- ① MINIMUM WALL THICKNESS SHALL BE 4 INCHES FOR 3-FT DIAMETER AND 5 INCHES FOR 4-FT DIAMETER PRECAST INLETS.
- ② FOR PRECAST INLETS AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.
- ③ JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

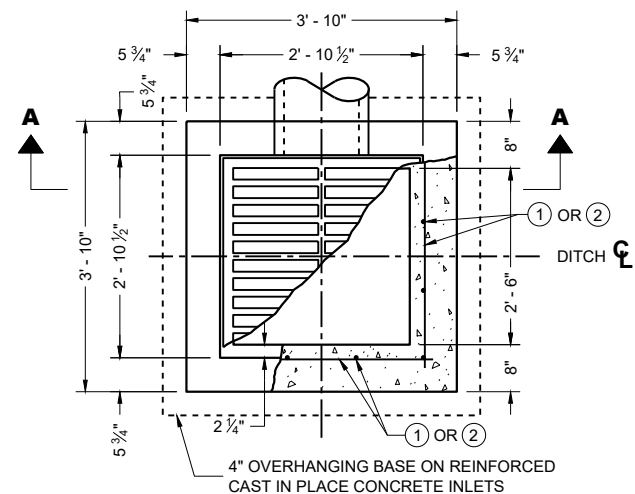


MINIMUM HORIZONTAL PIPE SEPARATION
DETAIL "D"

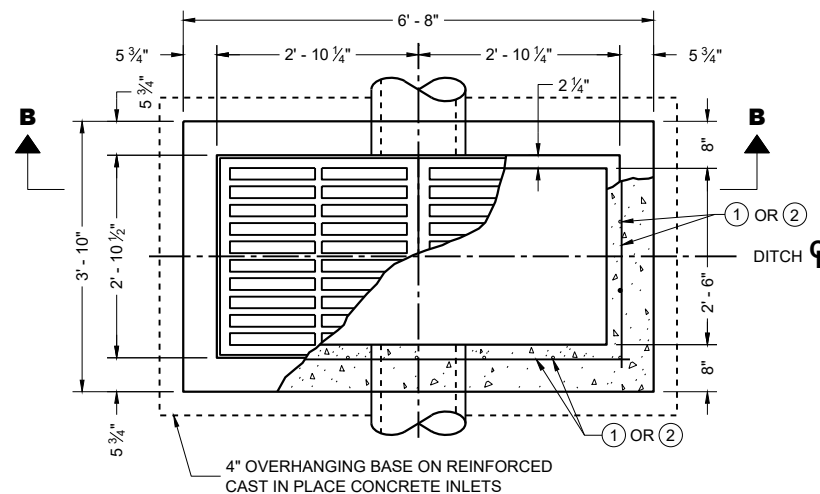
**INLETS 3-FT
AND 4-FT DIAMETER**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

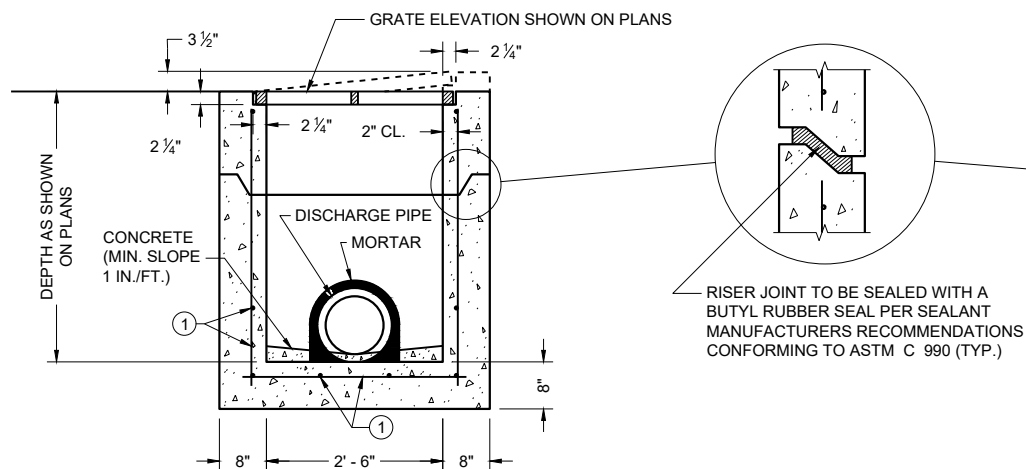
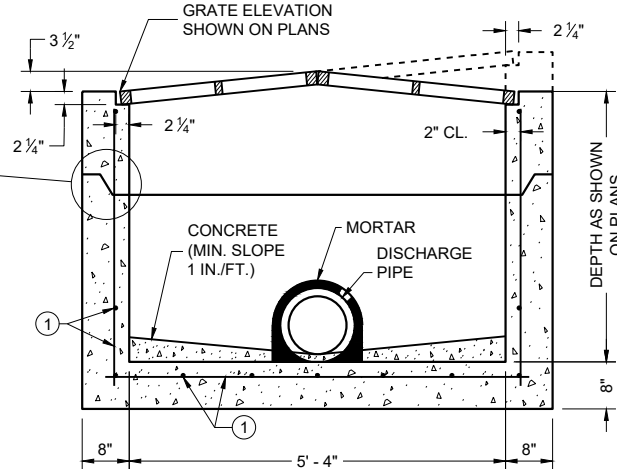
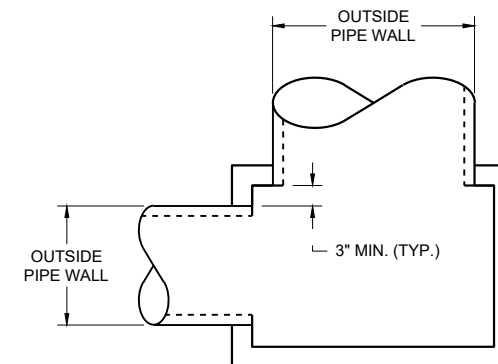
APPROVED
December 2023 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT
FHWA UNIT SUPERVISOR



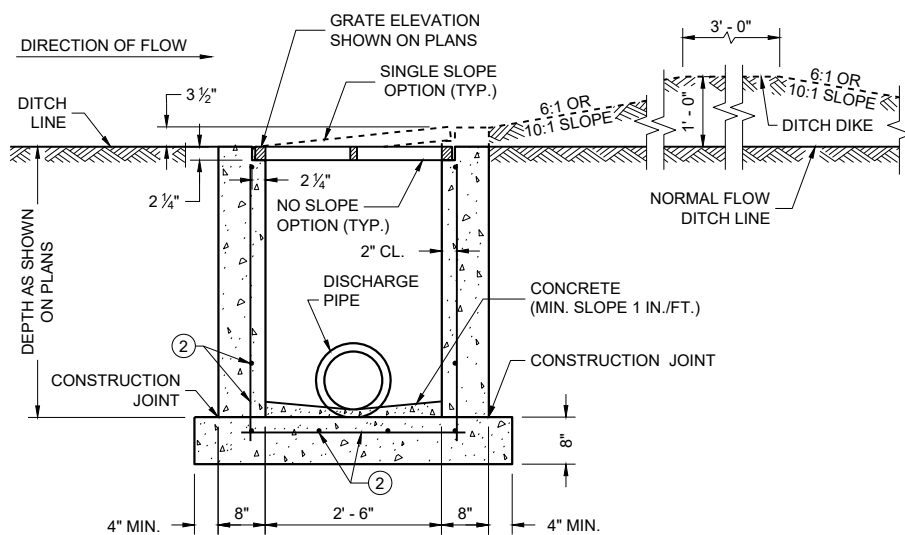
PLAN VIEW



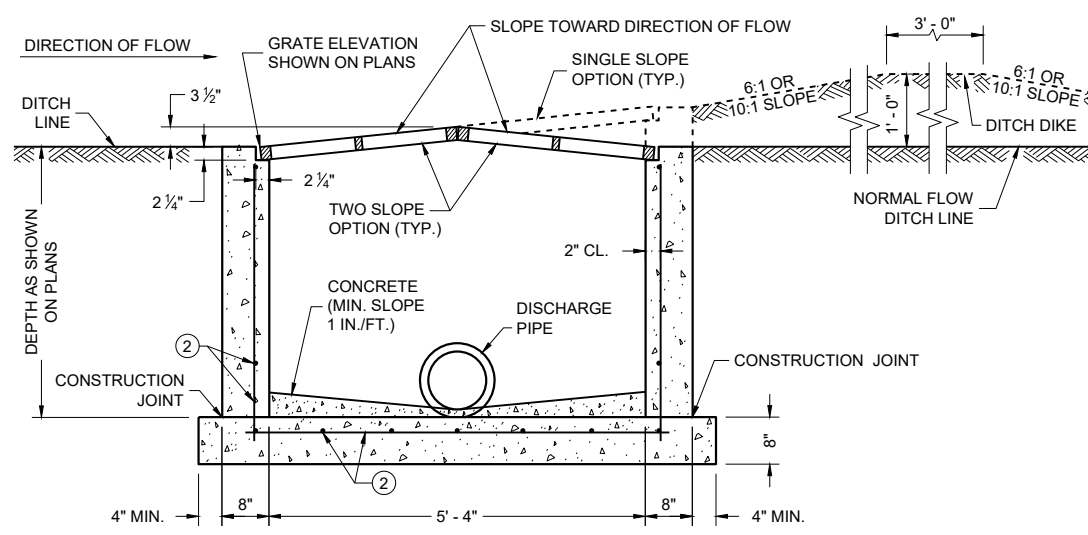
PLAN VIEW

PRECAST REINFORCED CONCRETE
SECTION A - APRECAST REINFORCED CONCRETE
SECTION B - B

DETAIL "A"

REINFORCED CAST IN PLACE CONCRETE
SECTION A - A

INLETS MEDIAN 1 GRATE

REINFORCED CAST IN PLACE CONCRETE
SECTION B - B

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 PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

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.

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 AND REINFORCED CONCRETE BASES 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

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
1 GRATE	18	18
2 GRATE	18	42

INLETS
MEDIAN 1 AND 2 GRATE

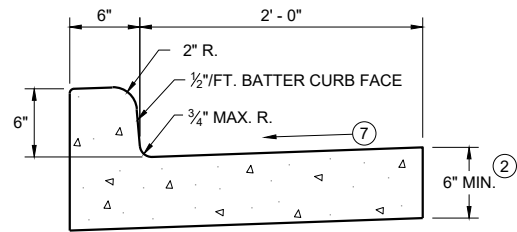
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

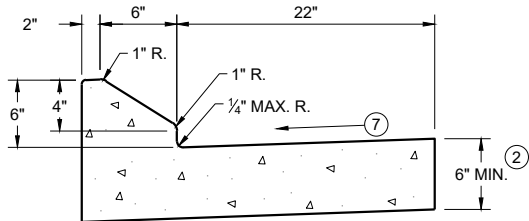
December 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

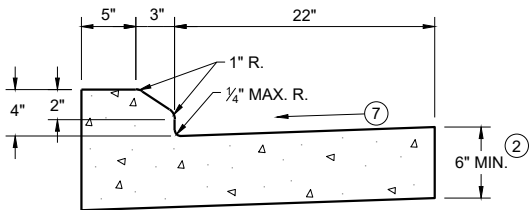
FHWA



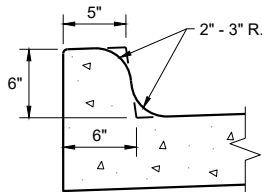
TYPES A^① & D



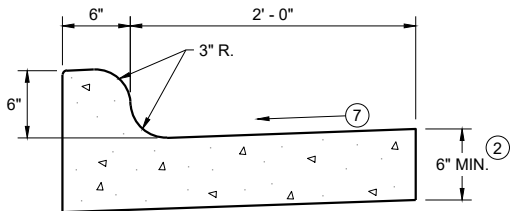
6" SLOPED CURB TYPES G^① & J



4" SLOPED CURB TYPES G^① & J

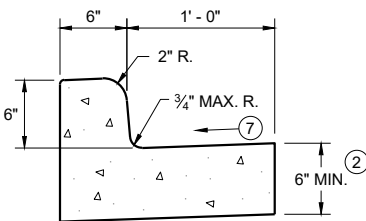


TYPES K^① & L
(OPTIONAL CURB SHAPE)



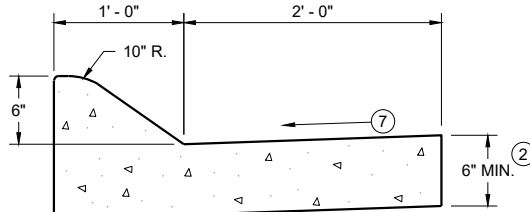
TYPES K^① & L

CONCRETE CURB AND GUTTER 30"

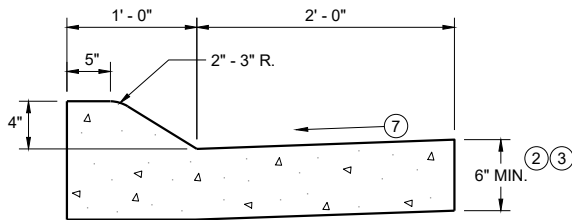


TYPES A^① & D

CONCRETE CURB AND GUTTER 18"

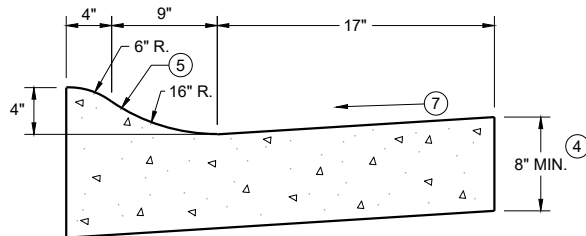


6" SLOPED CURB TYPES A^① & D



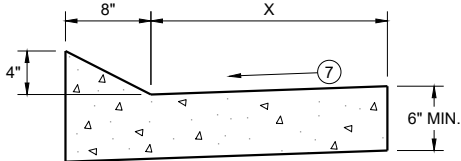
4" SLOPED CURB TYPES A^① & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R^① & T
CONCRETE CURB AND GUTTER 30"

TBT & TBTT	X
30"	22"
36"	28"

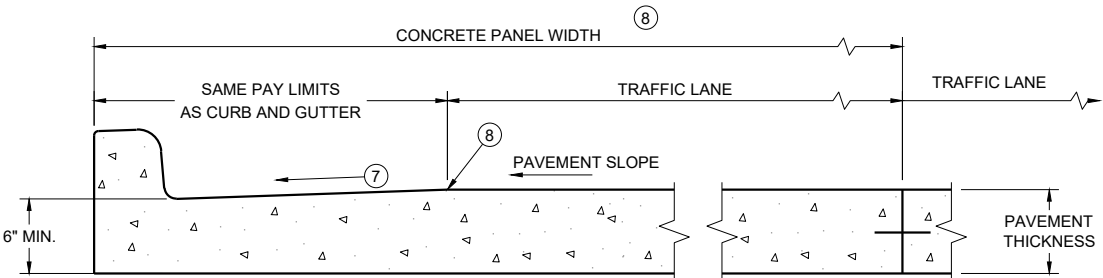


TYPES TBT & TBTT^①

CONCRETE CURB AND GUTTER

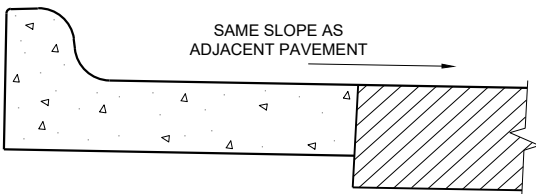
PAVEMENT THICKNESS
AND MAXIMUM CONCRETE
PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'

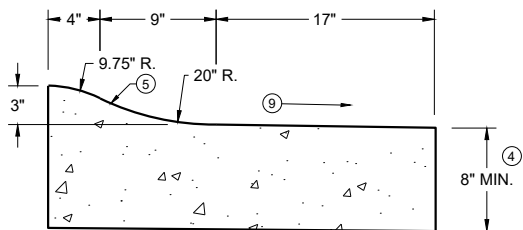


PARTIAL SECTION OF PAVEMENT
WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



REVERSE SLOPE GUTTER^⑥
(TYPICAL FOR ALL CURB & GUTTER TYPES)



3" SLOPED CURB TYPES R^① & T

CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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 SLOPE TO BE REVERSE SLOPE MATCHING THE SLOPE OF THE PAVEMENT AND THE CIRCULATORY ROADWAY



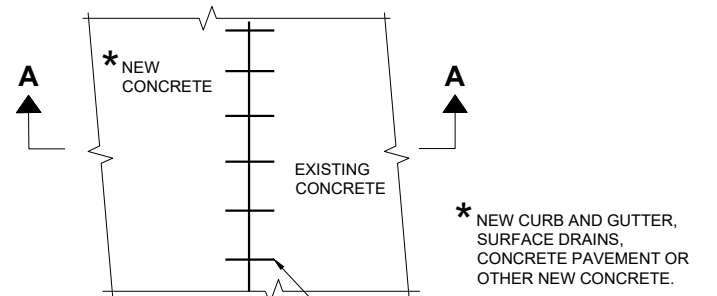
GENERAL NOTES

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.



PLAN VIEW



CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

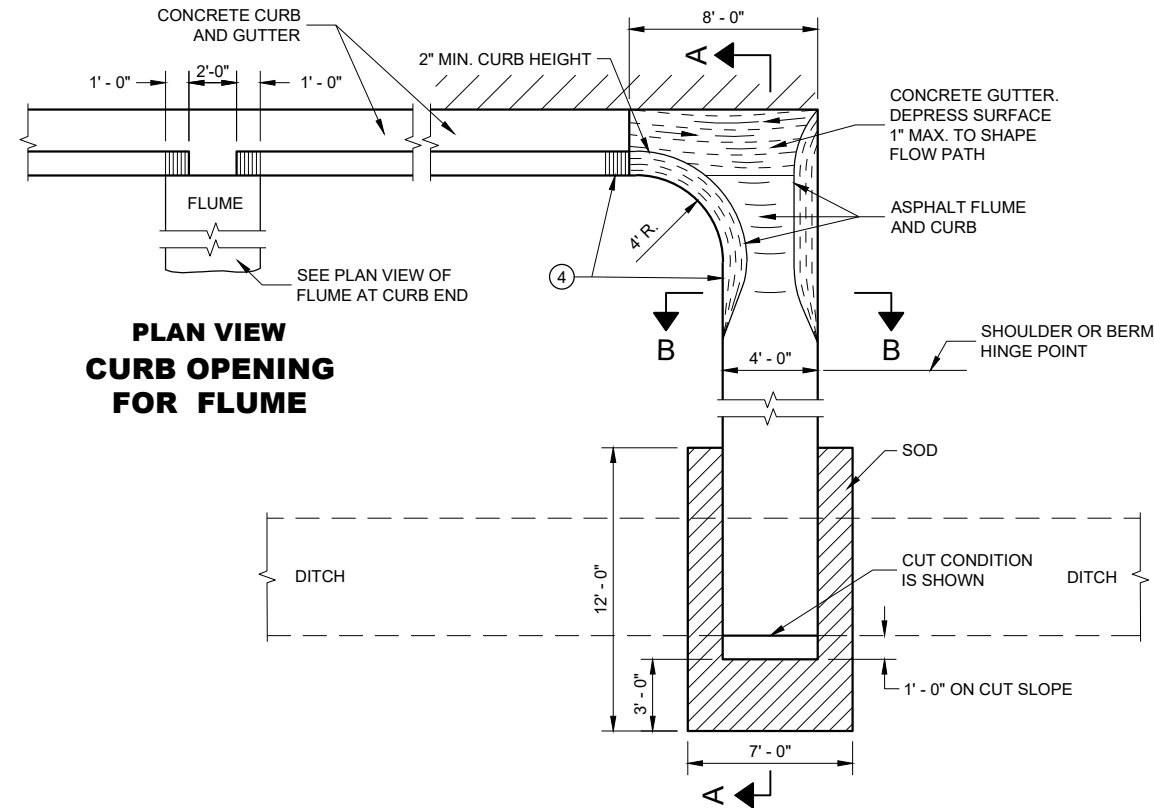
APPROVED

February 2025
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

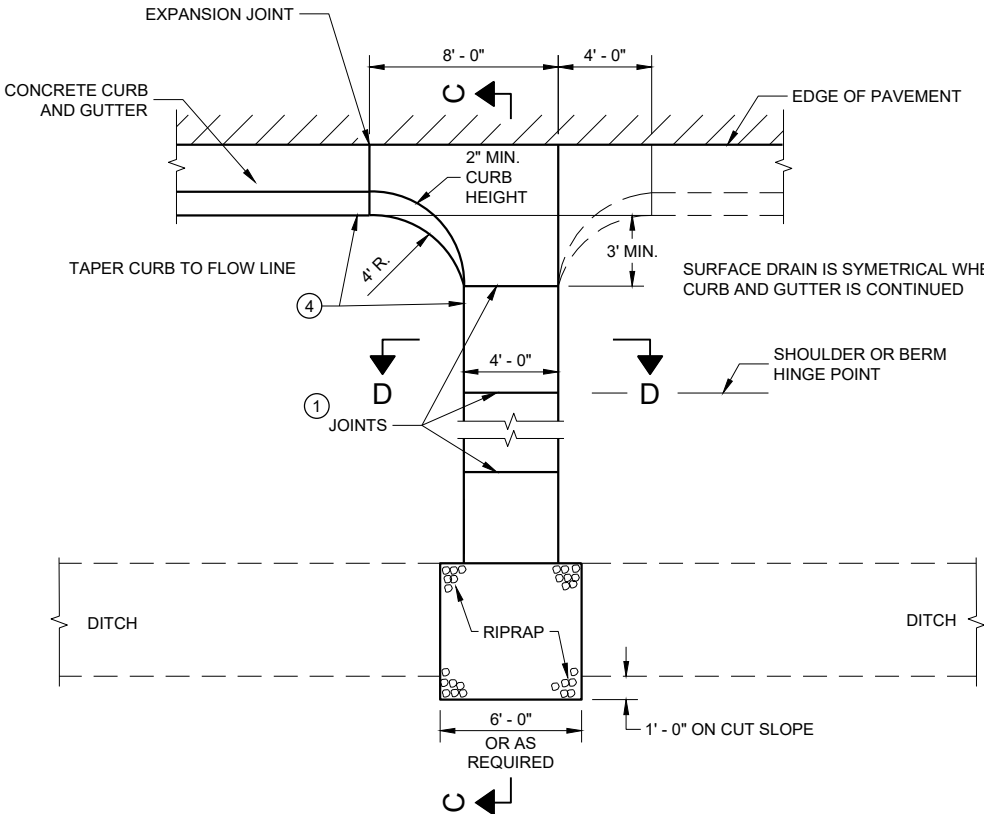
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING
FOR FLUME

PLAN VIEW
FLUME AT CURB END



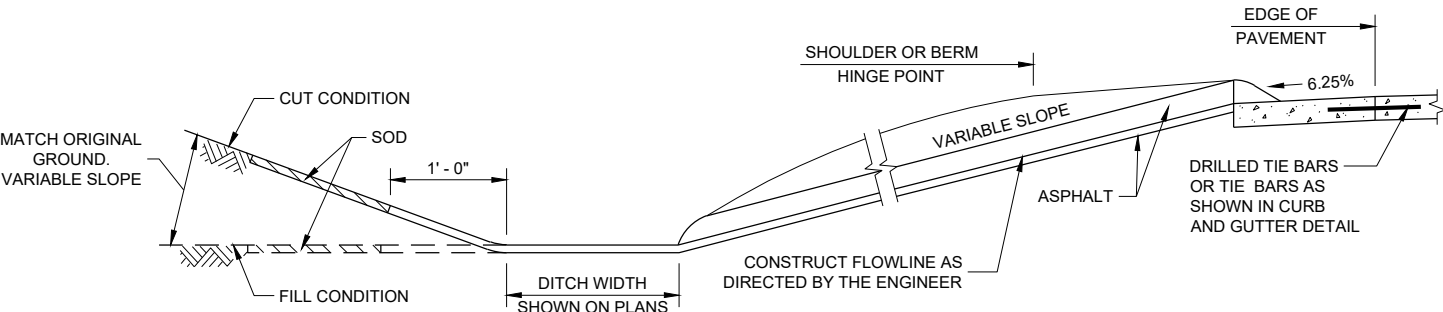
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

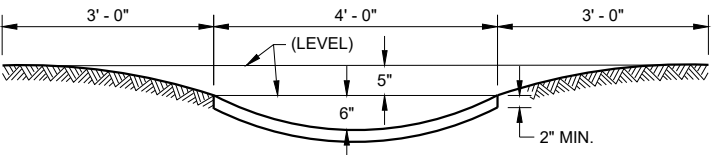
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

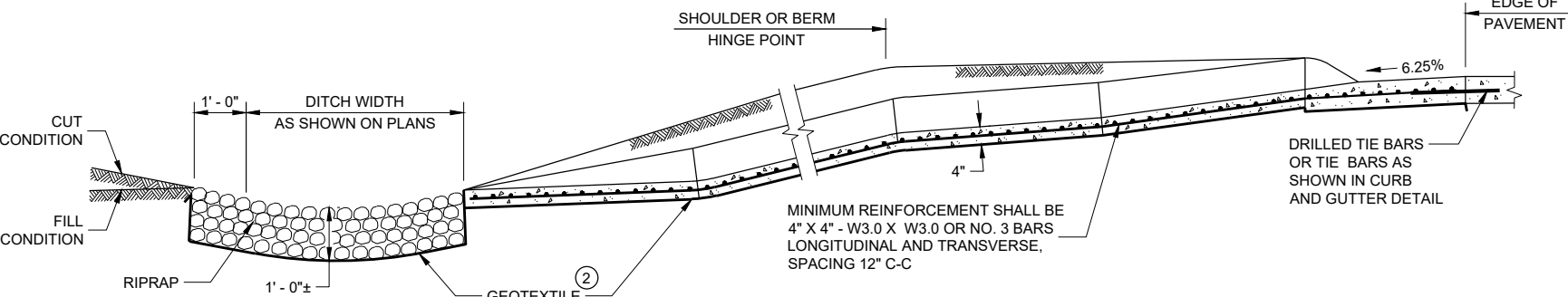
- ① JOINTS SHALL BE 1/8" TO 1/4" WIDE BY 1 1/2" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
- ② GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
- ③ CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
- 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.



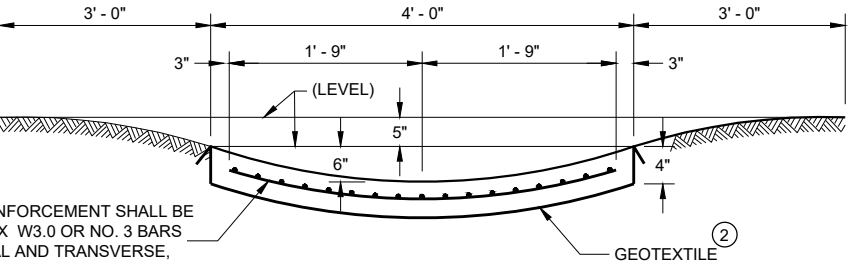
SECTION A - A



SECTION B - B



SECTION C - C

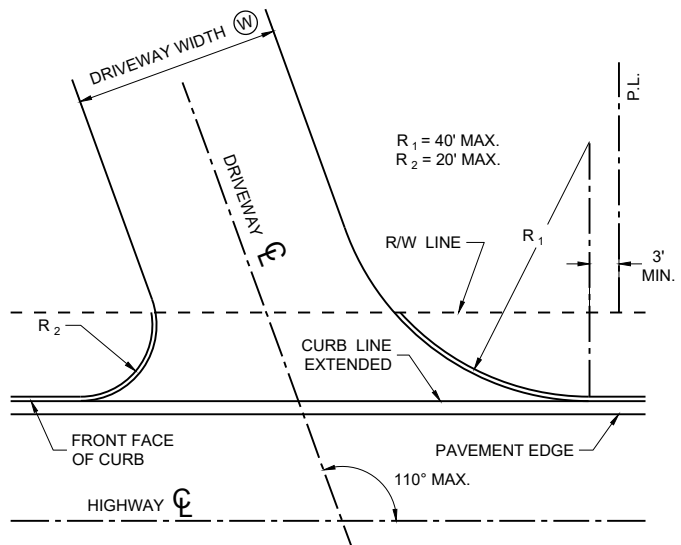
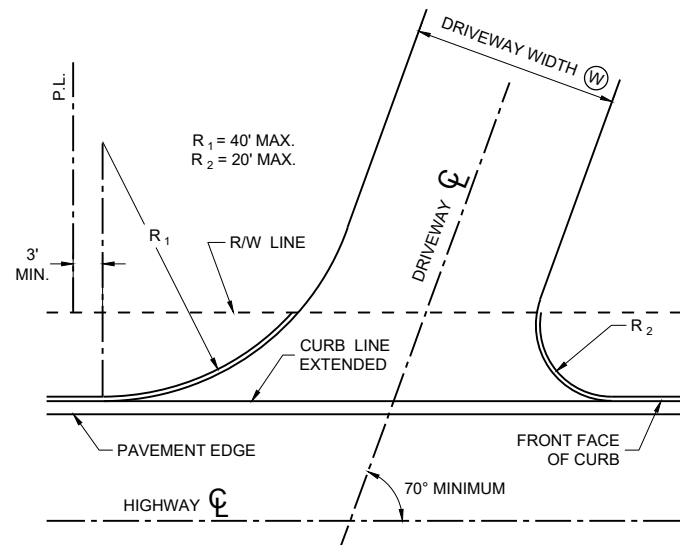


SECTION D - D

CONCRETE SURFACE
DRAINS AND
ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA



**SKewed DRIVEWAY DETAILS
(COMMERCIAL AND NON-COMMERCIAL)
SIDEWALK NOT SHOWN**

GENERAL NOTES

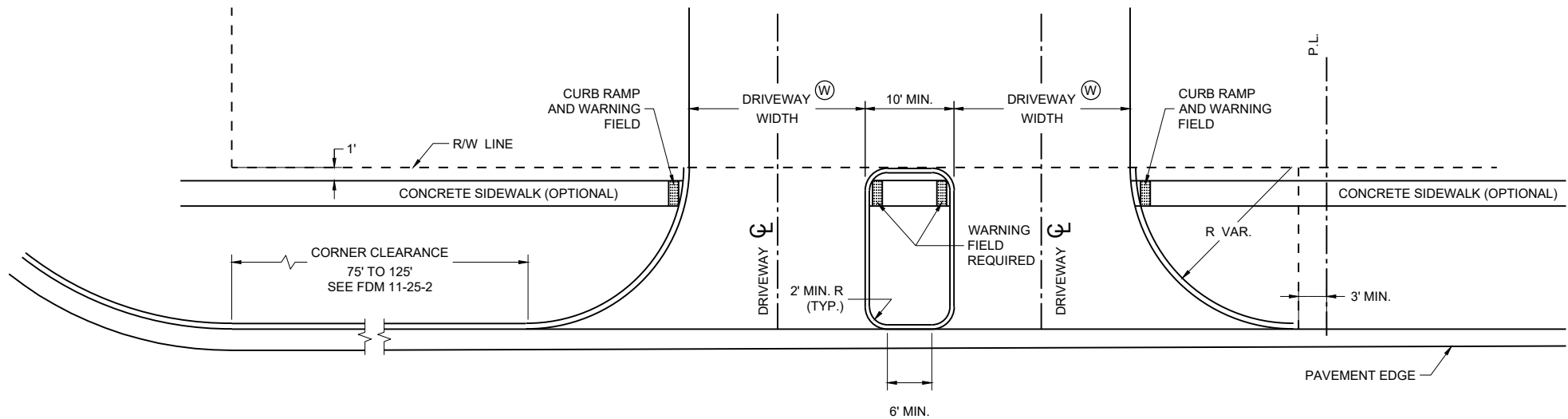
A MAXIMUM RADIUS OF 10 FEET SHALL BE USED FOR NON-COMMERCIAL PRIVATE ENTRANCES. RADII FOR COMMERCIAL DRIVEWAYS SHALL BE DETERMINED BY THE ENGINEER BASED ON TRAFFIC AND DRIVEWAY PERMIT RESTRICTIONS.

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)

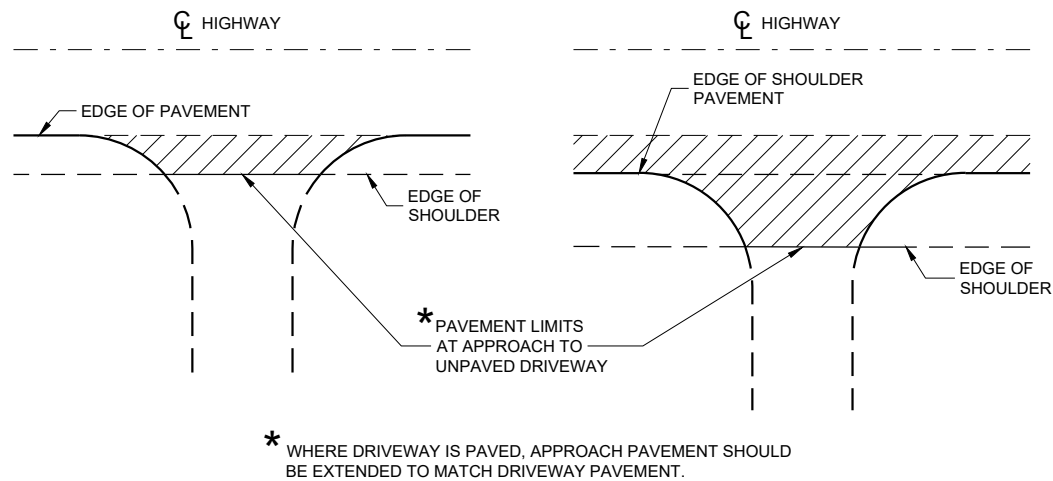


**DRIVEWAY LOCATION AND SPACING DETAILS
SIDEWALK SHOWN**

**DRIVEWAYS WITH
CURB AND GUTTER
RETURNS**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

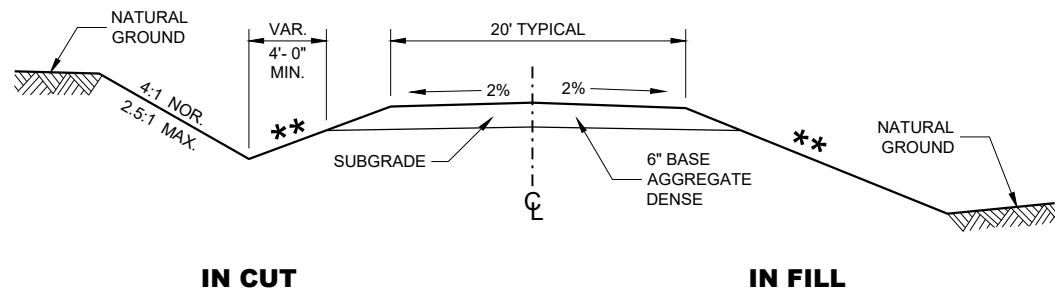
APPROVED
February 2025 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT
FHWA UNIT SUPERVISOR



PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

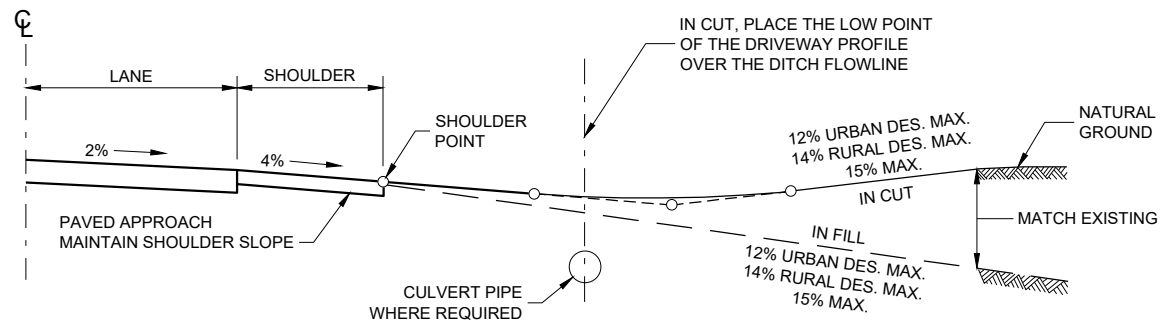
**RURAL DRIVEWAY INTERSECTION DETAIL
(NO CURB AND GUTTER OR SIDEWALK)**



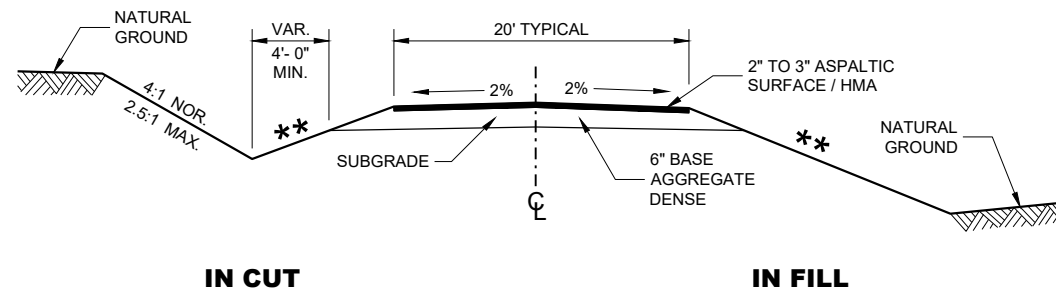
**TYPICAL CROSS SECTION FOR
PRIVATE DRIVE OR FIELD ENTRANCE
AGGREGATE SURFACE**

****** 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



TYPICAL DRIVEWAY PROFILES

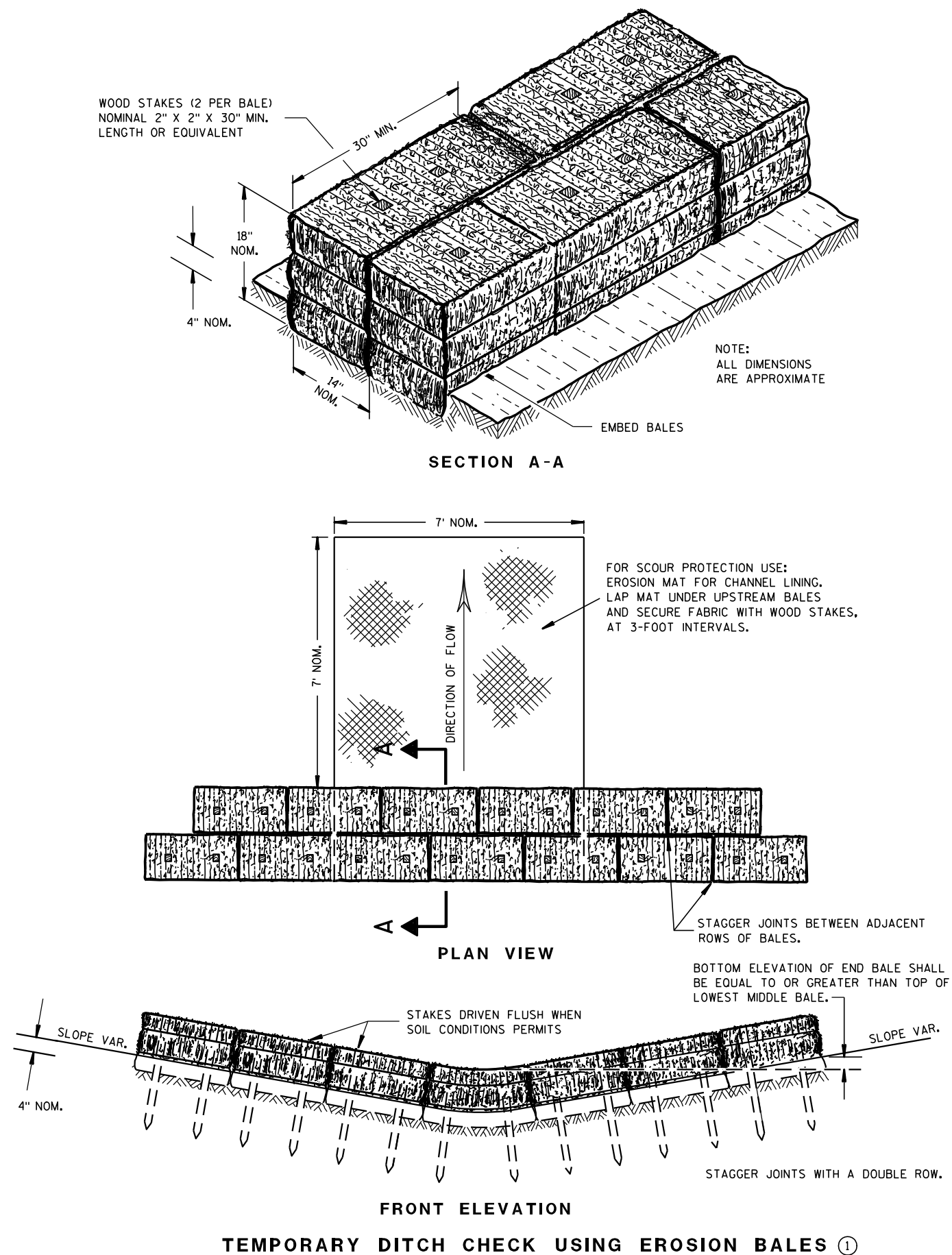


**TYPICAL CROSS SECTION FOR
PRIVATE DRIVE OR FIELD ENTRANCE
ASPHALTIC SURFACE**

**DRIVEWAYS WITHOUT
CURB AND GUTTER**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

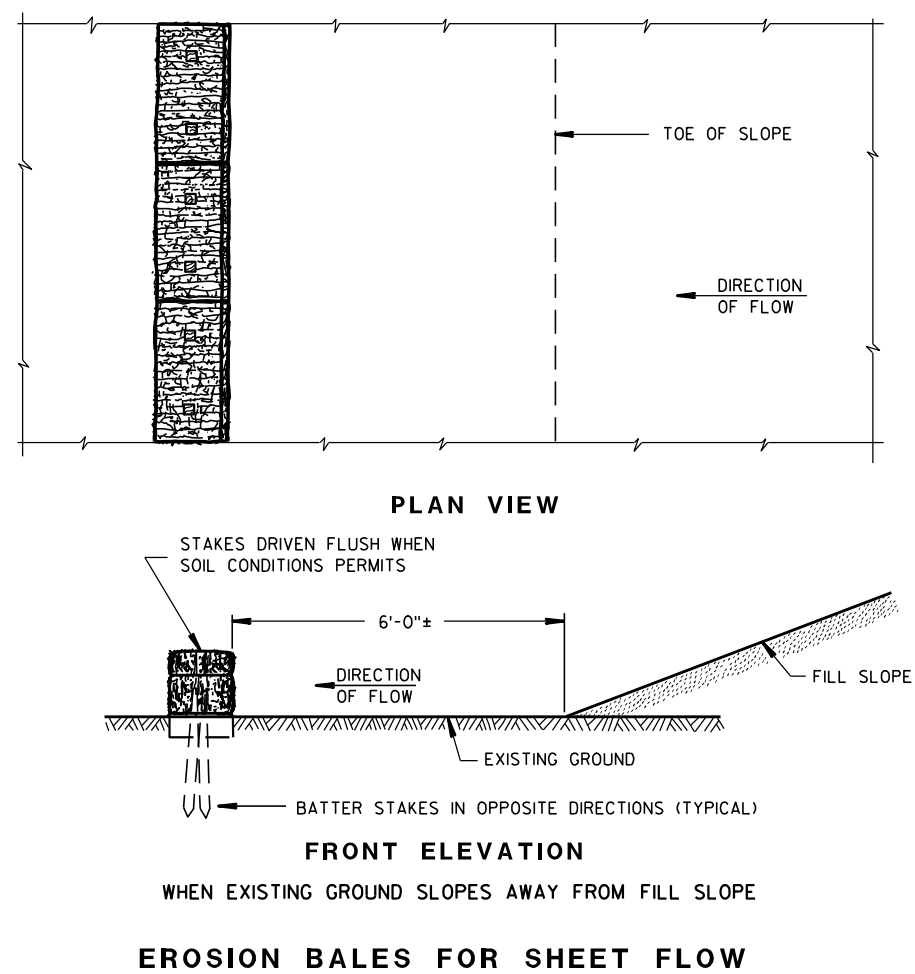
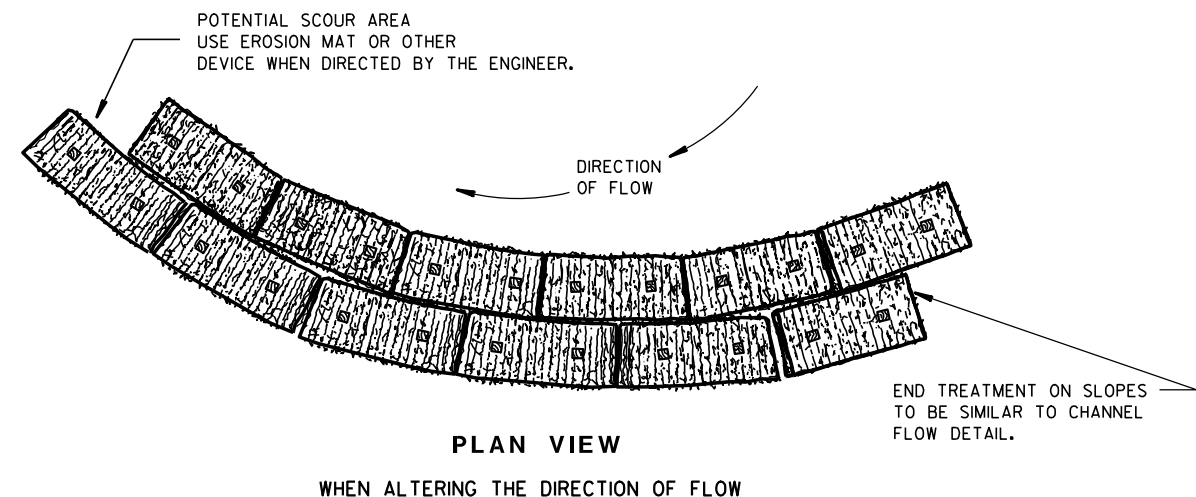
APPROVED
December 2017 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR
FHWA



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.

TYPICAL INSTALLATIONS OF
EROSION BALES / TEMPORARY
DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

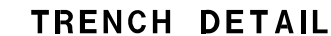
APPROVED

6/04/02
DATE/S/ Beth Conn-----
CHIEF ROADWAY DEVELOPER 135 ENGINEER

FHWA



- 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 1½" X 1½" 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.

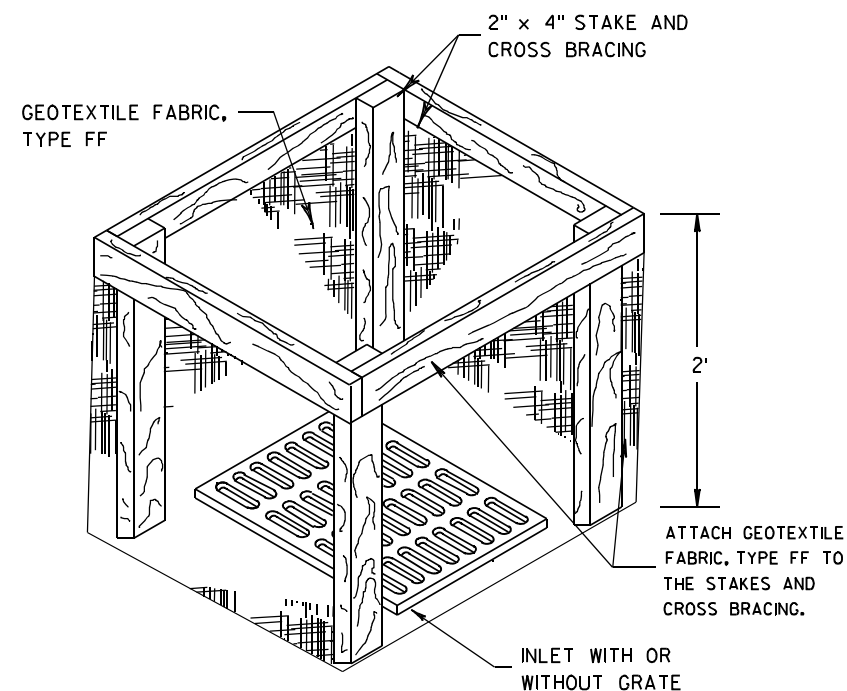
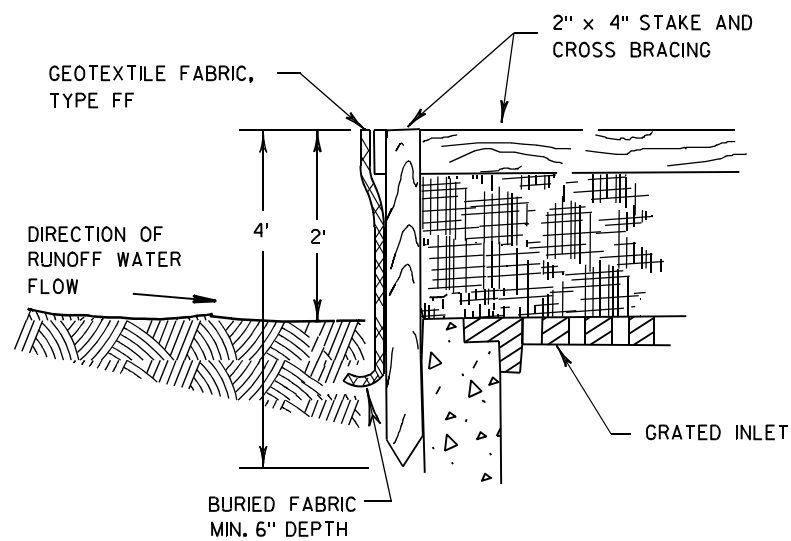


SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
4-29-05
DATE /S/ Beth Connolly
CHIEF ROADWAY DEVELOPMENT **136** INCHES

FHWA



INLET PROTECTION, TYPE A

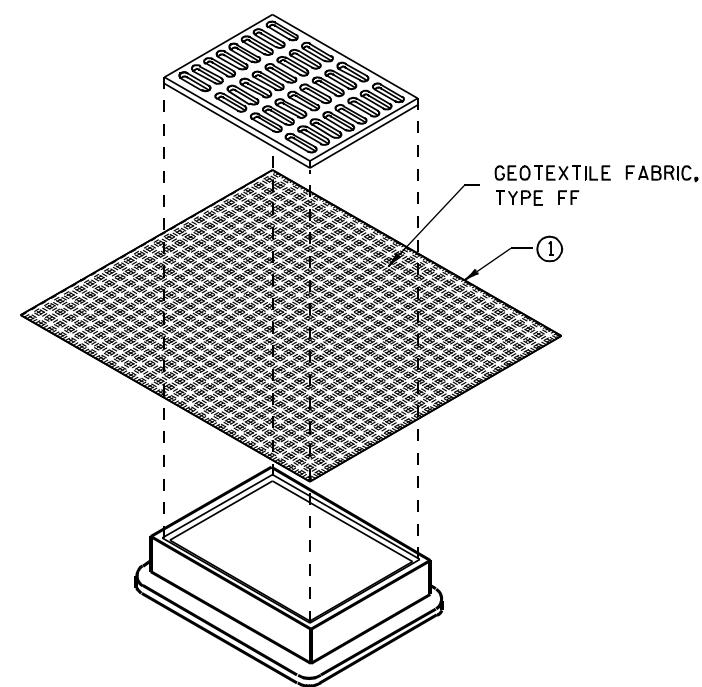
GENERAL NOTES

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.

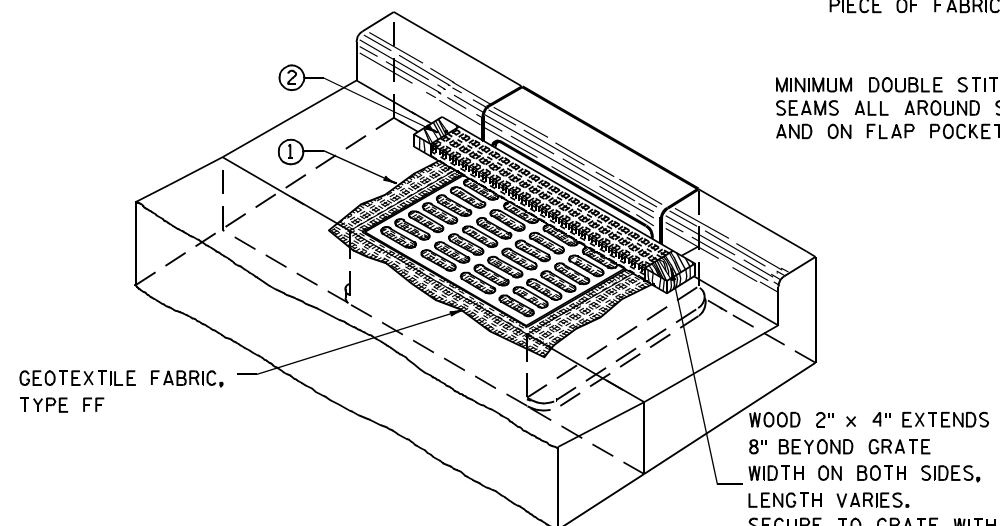
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

- 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.



**INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)**

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

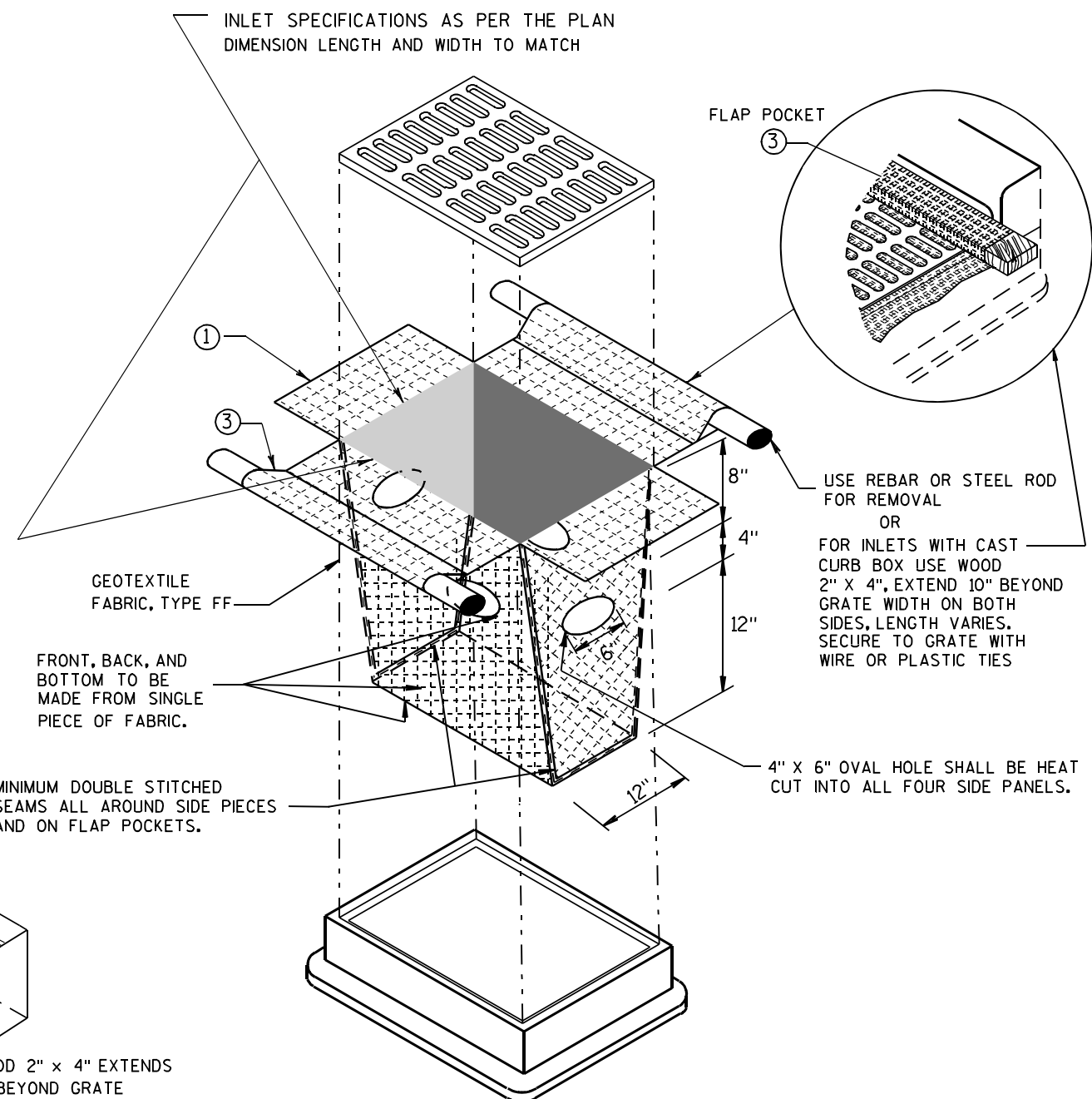
THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

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.



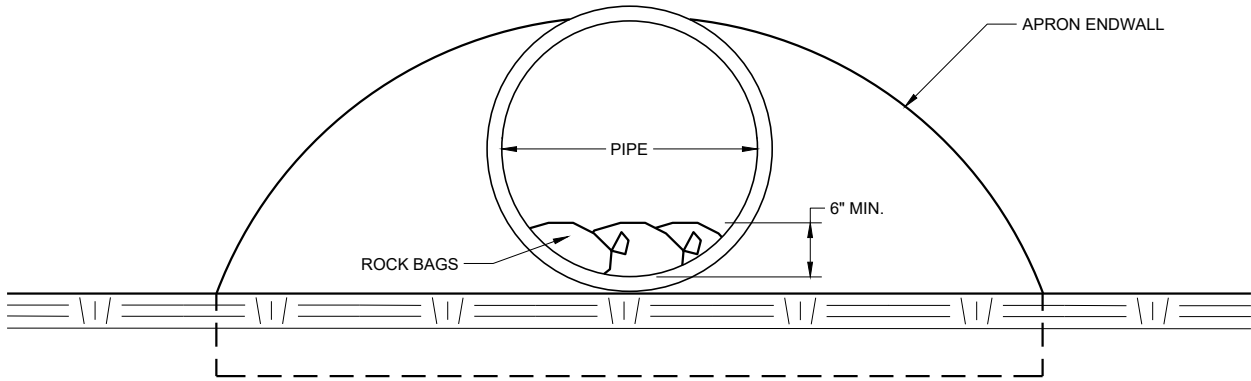
INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH OR WITHOUT A CURB BOX AS PER NOTE ②)

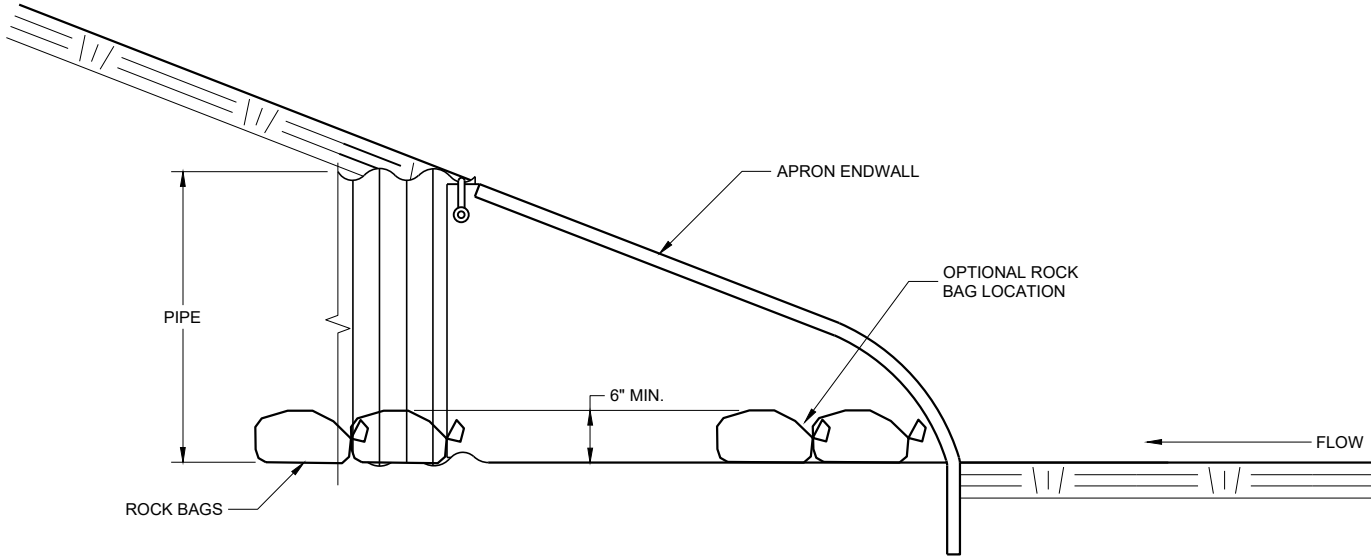
**INLET PROTECTION
TYPE A, B, C, AND D**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/16/02 /S/ Beth Connolly
DATE 137
FHWA CHIEF ROADWAY DEVELOPMENT ENGINEER



END VIEW



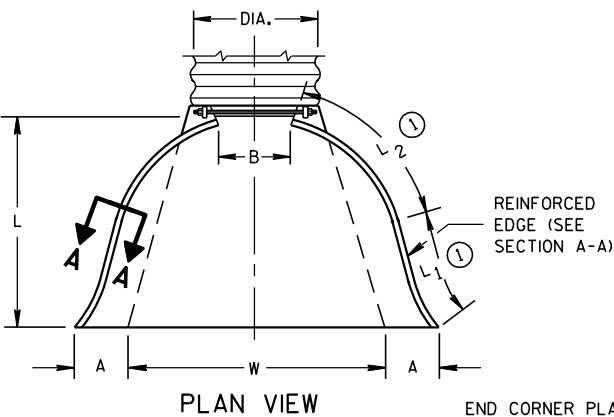
SIDE VIEW

CULVERT PIPE CHECK
(INSTALL ON INLET END ONLY)

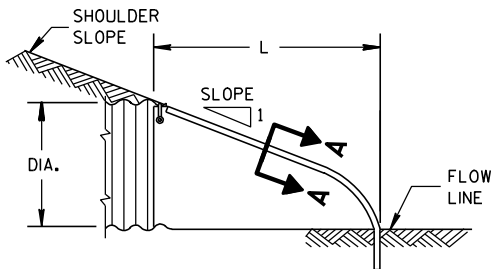
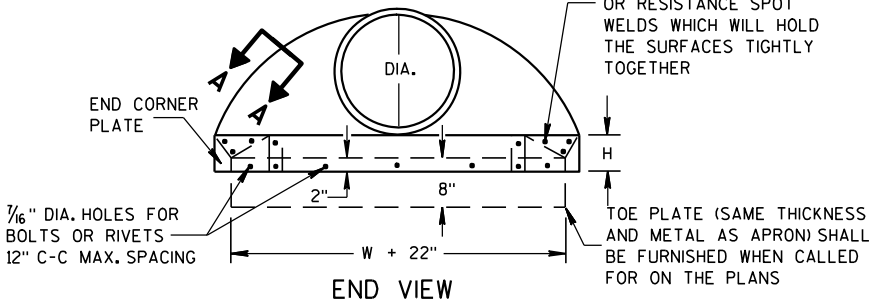
CULVERT PIPE CHECK	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED May 2019 DATE	/S/ Daniel Schave EROSION CONTROL ENGI 138
FHWA	

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	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3	3 Pc.
60	.109x	.105x	18	33	12	87	—	—	114	2 to 1	3	3 Pc.
66	.109x	.105x	18	36	12	87	—	—	120	2 to 1	3	3 Pc.
72	.109x	.105x	18	39	12	87	—	—	126	2 to 1	3	3 Pc.
78	.109x	.105x	18	42	12	87	—	—	132	1 1/2 to 1	3	3 Pc.
84	.109x	.105x	18	45	12	87	—	—	138	1 1/2 to 1	3	3 Pc.
90	.109x	.105x	18	37	12	87	—	—	144	1 1/2 to 1	3	3 Pc.
96	.109x	.105x	18	35	12	87	—	—	150	1 1/2 to 1	3	3 Pc.

* EXCEPT CENTER PANEL
SEE GENERAL NOTES



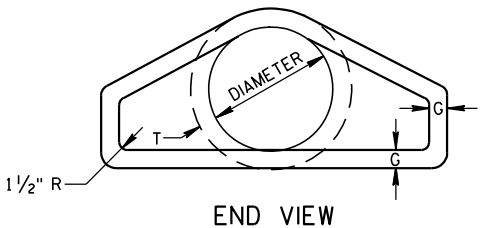
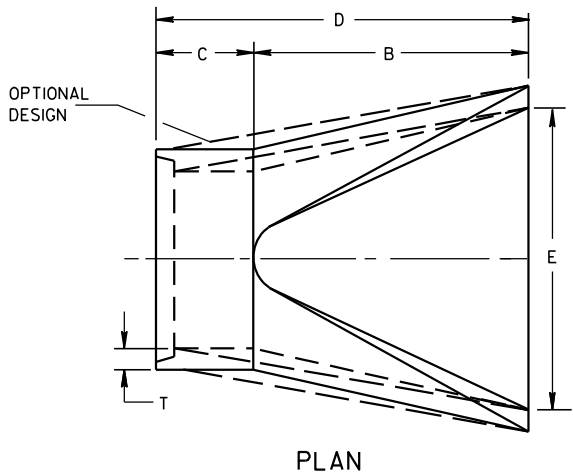
END CORNER PLATES MAY
BE FASTENED TO APRON
PROPER BY BOLTS, RIVETS,
OR RESISTANCE SPOT
WELDS WHICH WILL HOLD
THE SURFACES TIGHTLY
TOGETHER



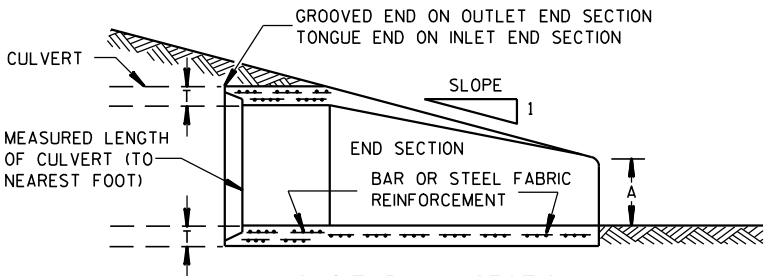
SIDE ELEVATION
METAL ENDWALLS

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 7/8	24	2	3 to 1	1	1	1	1 Pc.
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1	1	1	1	1 Pc.
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1	1	1	1	1 Pc.
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1	1	1	1	1 Pc.
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1	1	1	1	1 Pc.
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1	1	1	1	1 Pc.
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1	1	1	1	1 Pc.
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1	1	1	1	1 Pc.
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1	1	1	1	1 Pc.
48	5	24	72	26	98	84	5	3 to 1	1	1	1	1 Pc.
54	5 1/2	27	65	33 1/4-35	98 1/4-100	90	5 1/2	2 1/2 to 1	1	1	1	1 Pc.
60	6	30-35	60	39	99	96	5	2 to 1	1	1	1	1 Pc.
66	6 1/2	24-30	72-78	21-27	99	102	5 1/2	2 to 1	1	1	1	1 Pc.
72	7	24-36	78	21	99	108	6	2 to 1	1	1	1	1 Pc.
78	7 1/2	24-36	78	21	99	114	6 1/2	2 to 1	1	1	1	1 Pc.
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1	1	1	1	1 Pc.
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1	1	1	1	1 Pc.

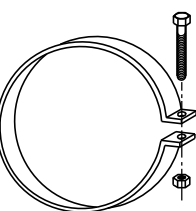
* MINIMUM
** MAXIMUM



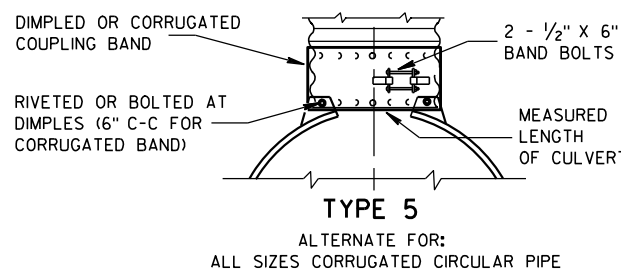
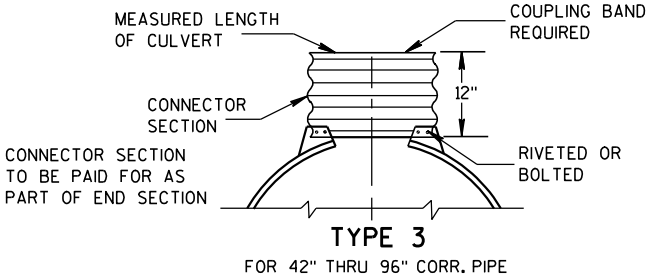
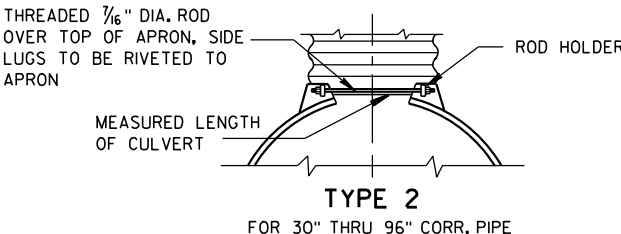
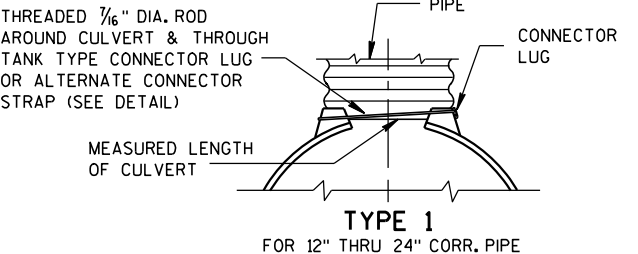
LONGITUDINAL SECTION
CONCRETE ENDWALLS



1" WIDE, 12 GA. (0.109"
THICK) GALVANIZED STRAP
WITH STANDARD 6" X 1/2"
BAND BOLT AND NUT



ALTERNATE FOR TYPE 1 CONNECTION
END SECTION CONNECTOR STRAP



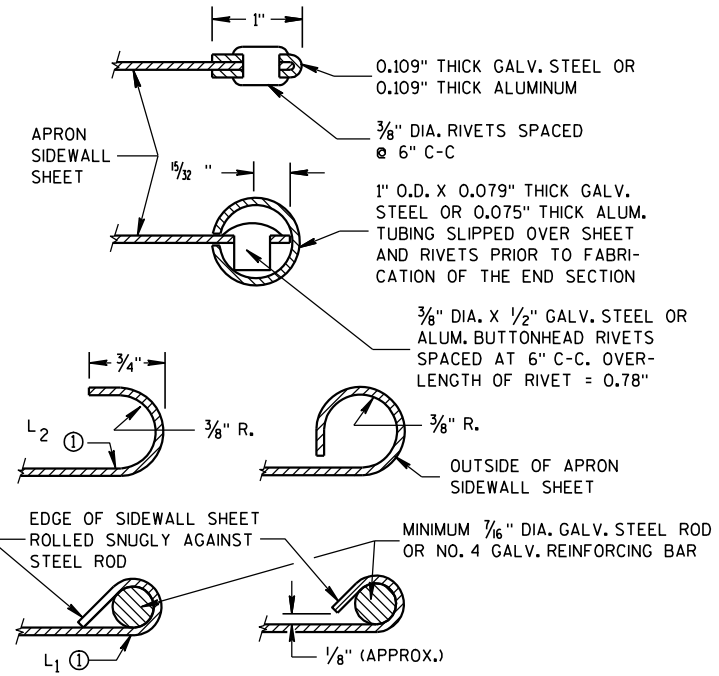
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL,
AND CORRUGATED BAND FITS INSIDE ENDWALL.
DIMPLED BAND MAY BE USED WITH HELICALLY
CORRUGATED PIPE.

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.

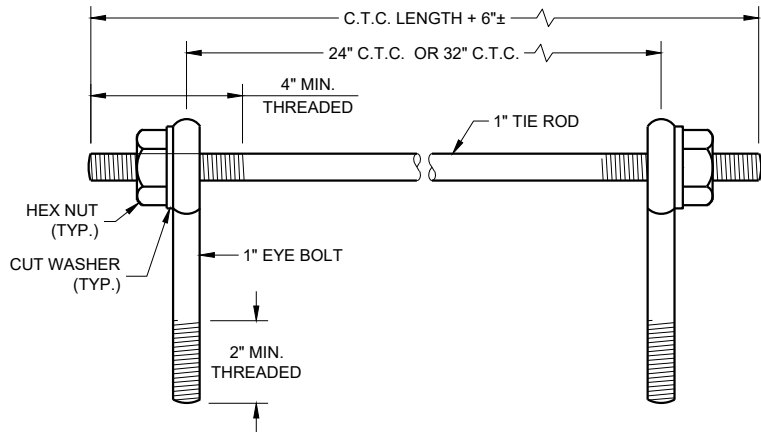
ALL THREE PIECE STEEL APRON ENDWALLS FOR 60" DIAMETER PIPE AND
LARGER SHALL HAVE 0.109" SIDES AND 0.138" CENTER PANELS. ALL
THREE PIECE ALUMINUM APRON ENDWALLS FOR 60" DIAMETER PIPE AND
LARGER SHALL HAVE 0.105" SIDES AND 0.134" CENTER PANELS. THE WIDTH
OF CENTER PANELS SHALL BE GREATER THAN 20 PERCENT 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.

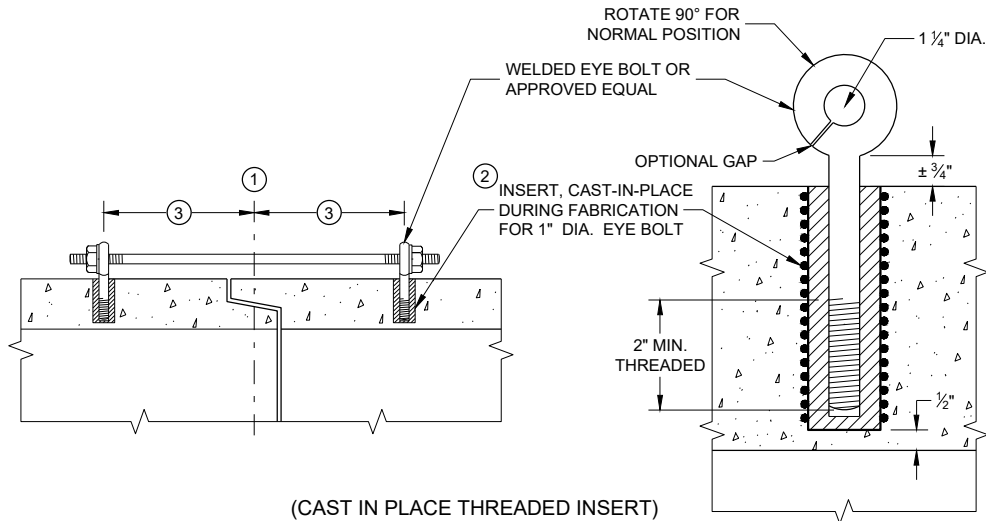
① FOR PIPE SIZES UP TO 60" DIAMETER, A 180° ROLLED EDGE MAY BE USED
INSTEAD OF STEEL ROD REINFORCEMENT. SEE SECTION A-A.

APRON ENDWALLS FOR CULVERT PIPE			
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
APPROVED 11/30/94 DATE	/S/ Rory L. Rhin... CHIEF ROADWAY DEVELOP 139	NEER	
FHWA			



EYE BOLTS AND TIE ROD

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 1)



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

GENERAL NOTES

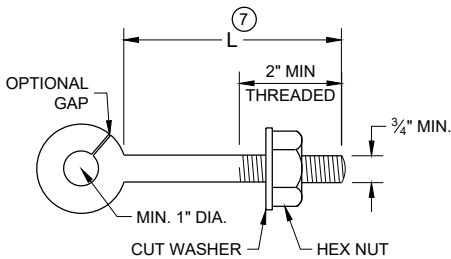
DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

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.

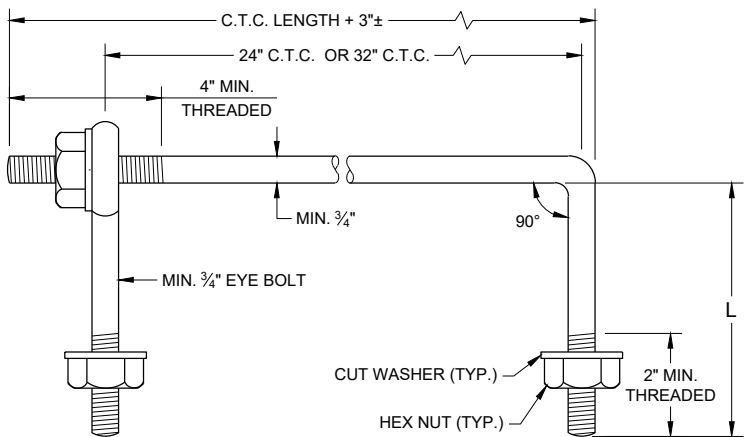
JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

- 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 1/2 INCH OF THE INNER SURFACE OF THE PIPE.
- 7 EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

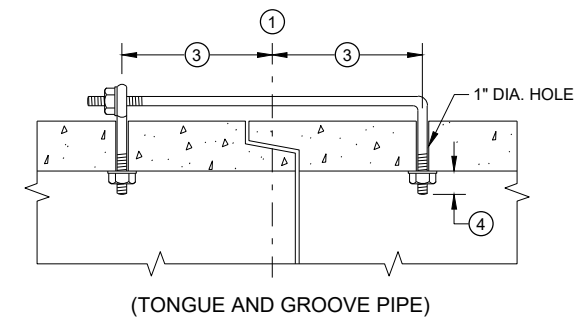


EYE BOLT 7

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

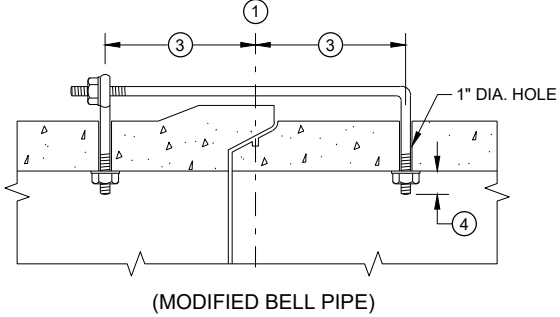


(TONGUE AND GROOVE PIPE)

LONGITUDINAL SECTION

(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

EYE BOLT AND TIE ROD ASSEMBLY (ALTERNATE NO. 2)

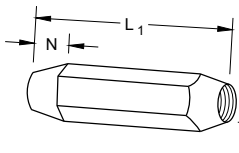


(MODIFIED BELL PIPE)

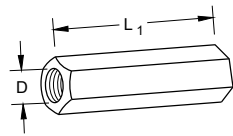
ADJUSTABLE TIE ROD TABLE

PIPE DIAMETER	TIE ROD DIAMETER	D	L ₁	N
12 - 60	5/8	5/8	5	1/2
66 - 84	3/4	3/4	5	1/2
90 - 144	1	1	7	1 1/16

DIMENSIONS SHOWN ARE IN INCHES

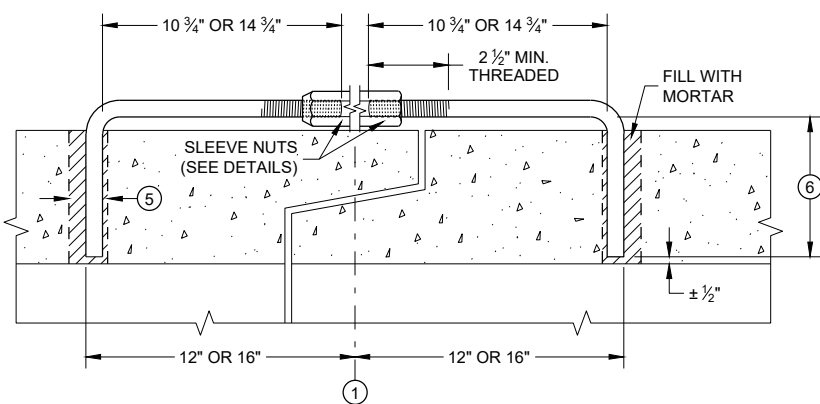


TAPERED



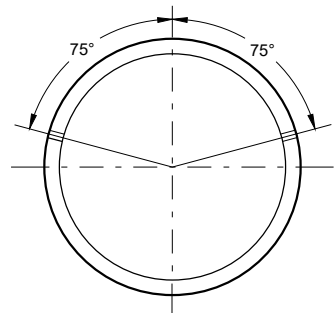
PLAIN

RIGHT AND LEFT THREADS
SLEEVE NUTS



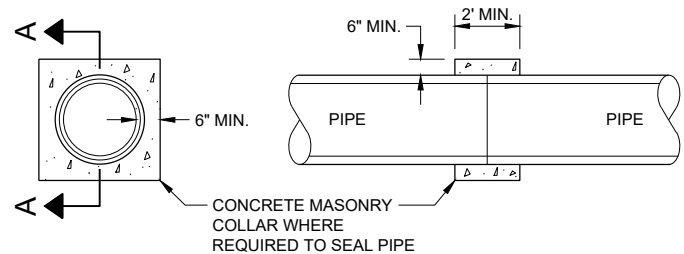
LONGITUDINAL SECTION

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



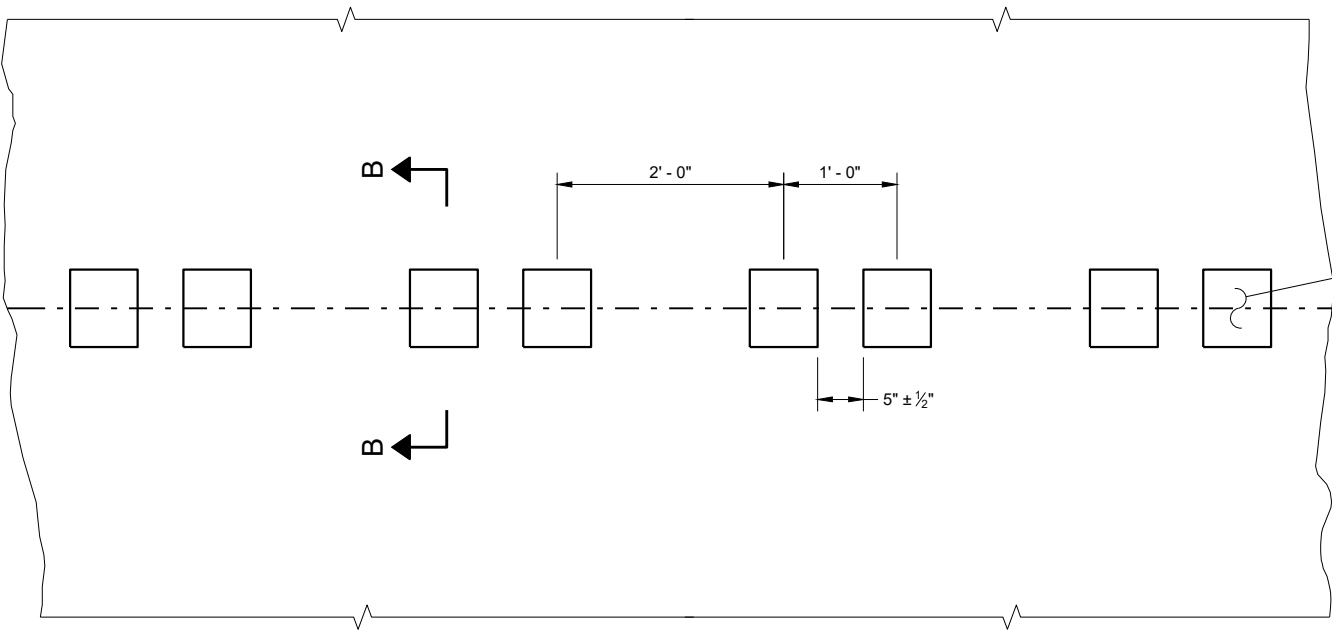
SECTION A - A

CONCRETE COLLAR DETAIL

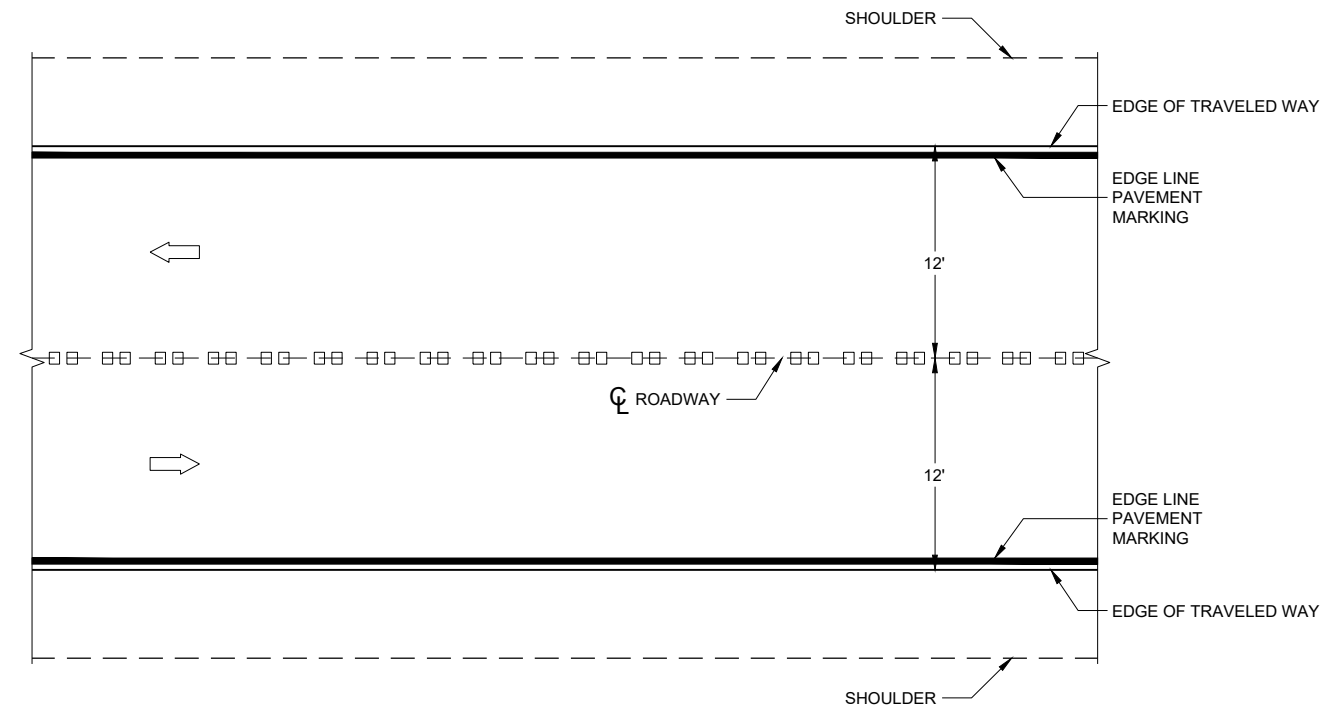
JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021 /S/ Rodney Taylor
DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER 140
FHWA

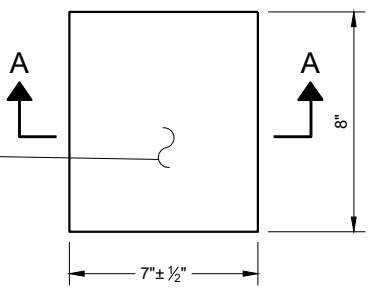


PLAN DETAIL VIEW

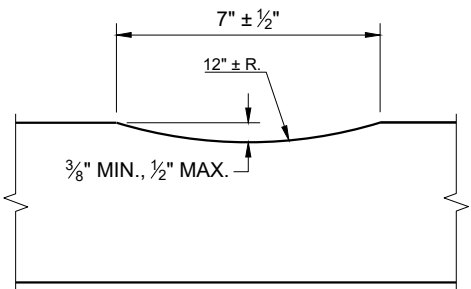


PLAN VIEW

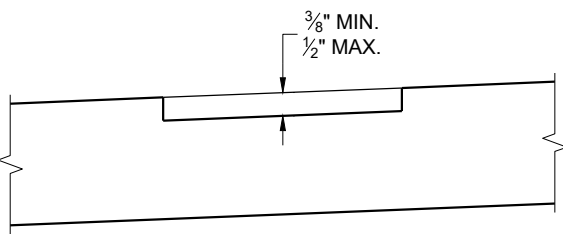
CENTERLINE RUMBLE STRIPS - ASPHALT



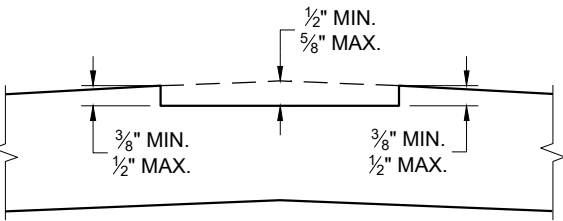
PLAN VIEW
(SINGLE GROOVE)



SECTION A - A



SECTION B - B
SUPERELEVATED ROADWAY

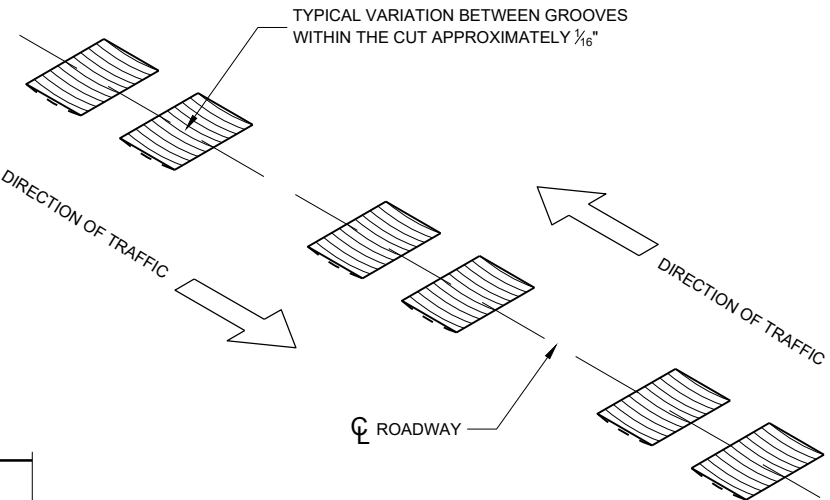


SECTION B - B
CROWNED ROADWAY

GENERAL NOTES

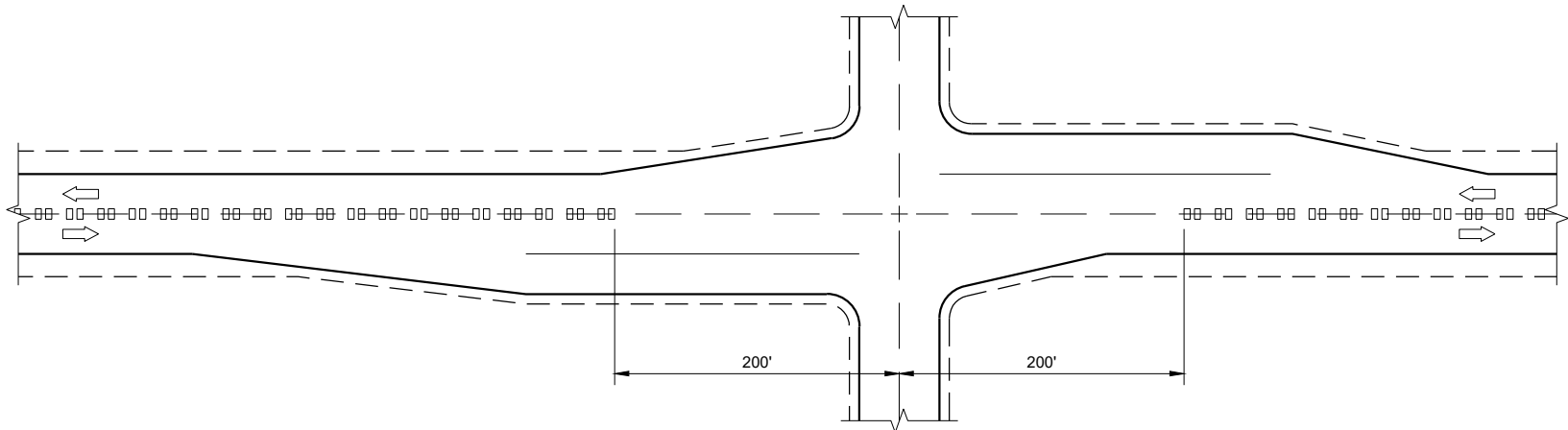
DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A11 SHEETS "d" AND "e".

CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.

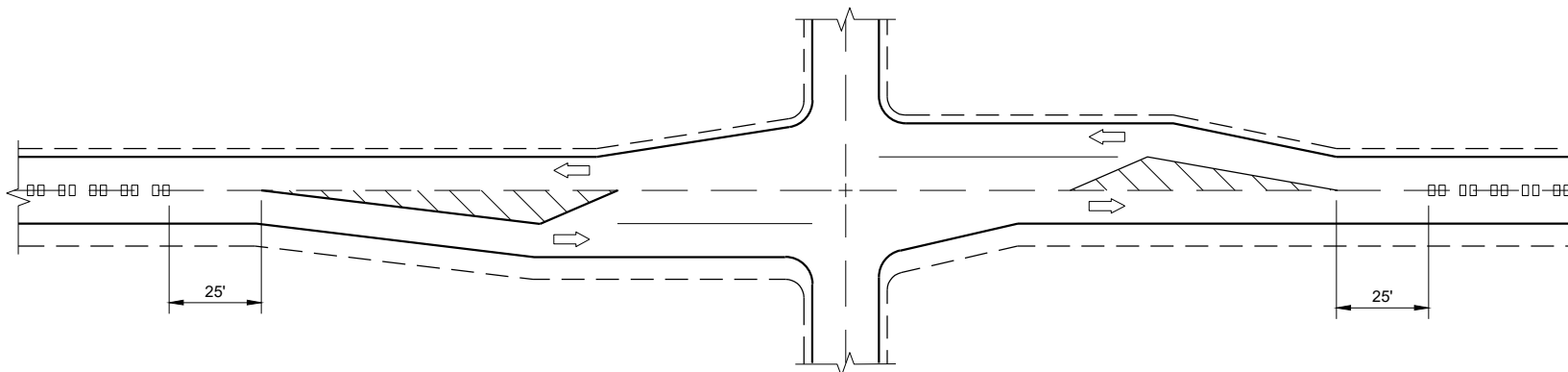


CENTERLINE RUMBLE STRIPS - ASPHALT

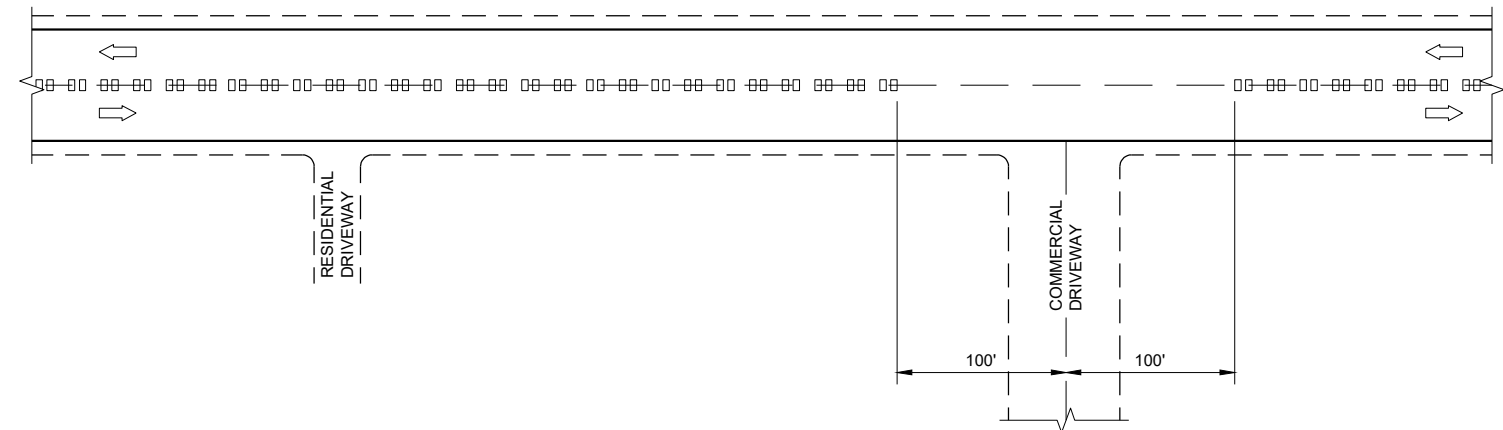
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION 141



CENTERLINE GROOVES AT INTERSECTIONS



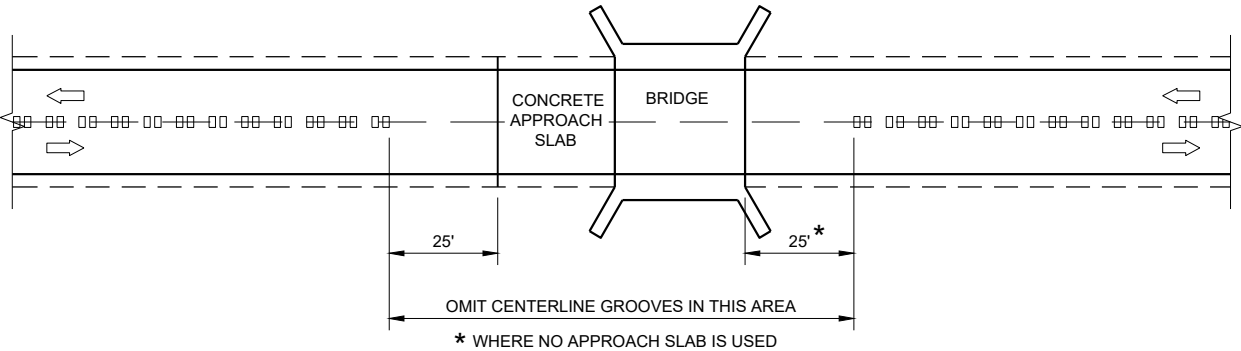
CENTERLINE GROOVES AT INTERSECTIONS
(WITH LEFT TURN LANES)



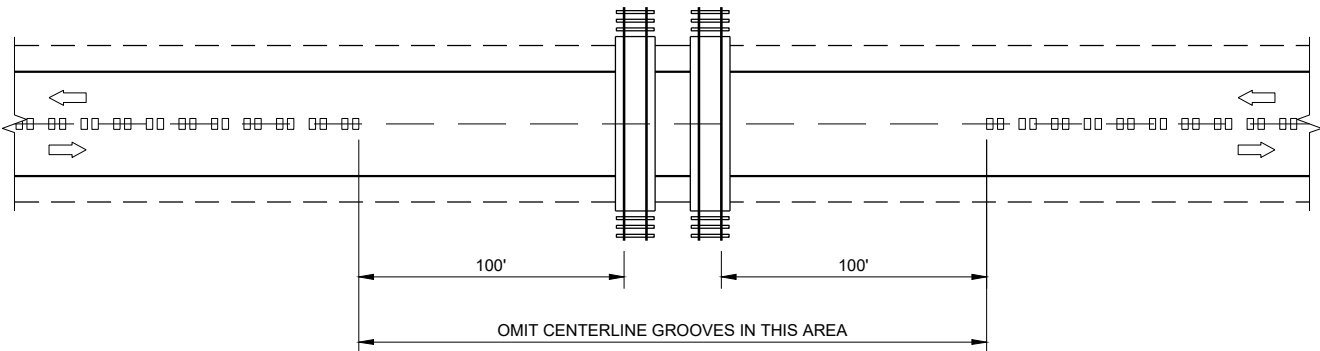
CENTERLINE GROOVES AT DRIVEWAYS^①

GENERAL NOTES

- ① CENTERLINE GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS WHEN DIRECTED BY THE ENGINEER.



CENTERLINE GROOVES AT BRIDGES



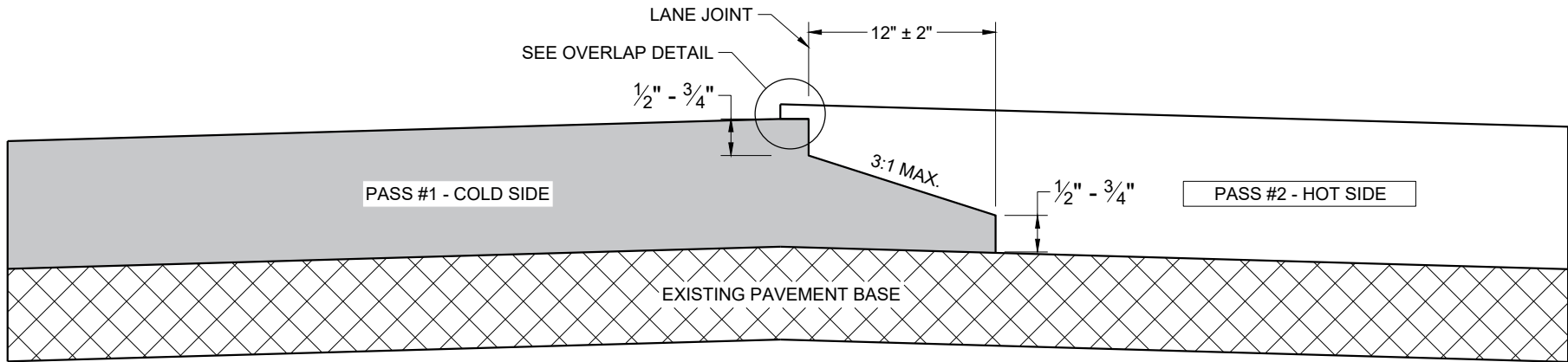
CENTERLINE GROOVES AT RAILROADS

CENTER LINE
RUMBLE STRIPS -
INTERSECTIONS, DRIVEWAYS,
BRIDGES, RAIL ROADS

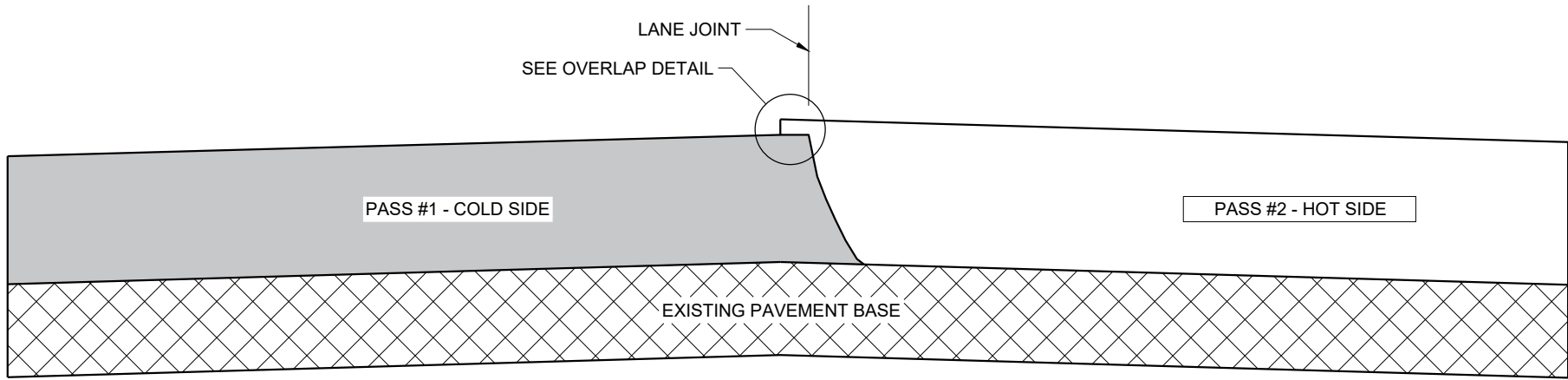
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 /S/ John Jenkins
DATE ROADWAY STANDARDS DEVELOPMENT ENGINEER 142

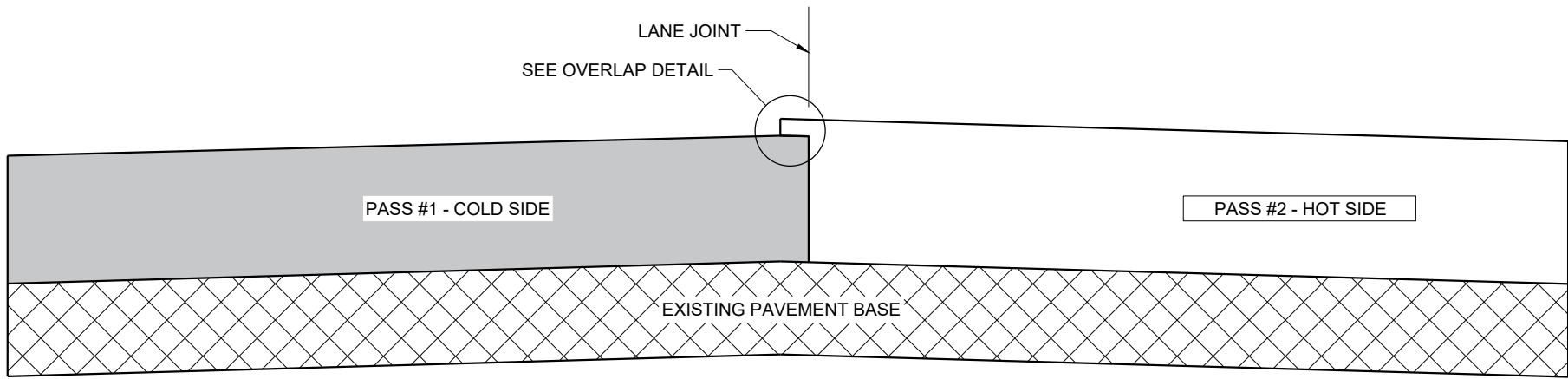
FHWA



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

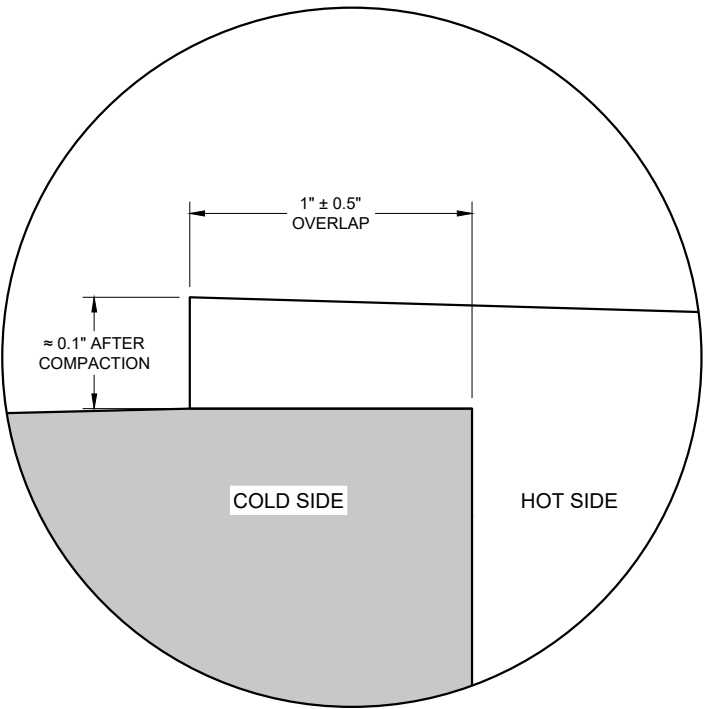
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY $1" \pm 0.5"$ 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.



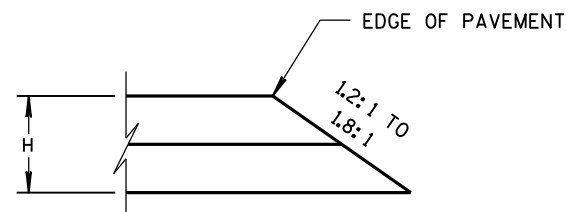
OVERLAP DETAIL (TYPICAL)

HMA LONGITUDINAL JOINTS

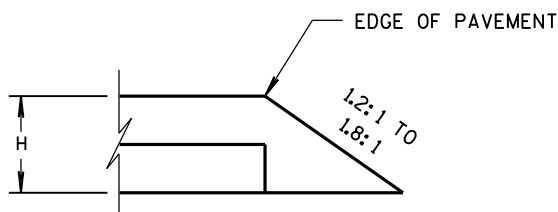
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020 /S/ Steven Hefel
DATE HMA PAVEMENT ENGIN 143

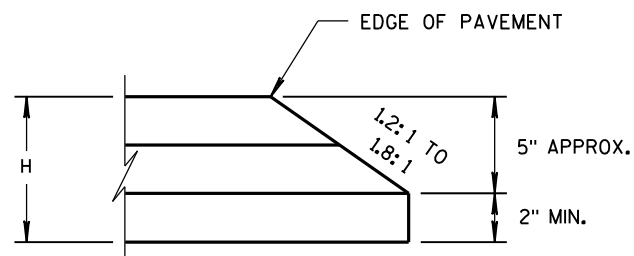
FHWA



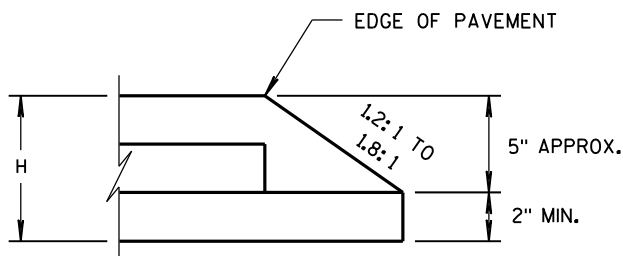
CONSTRUCTED WITH FINAL TWO LAYERS
FOR H 5" OR LESS



CONSTRUCTED WITH FINAL LAYER
FOR H 5" OR LESS

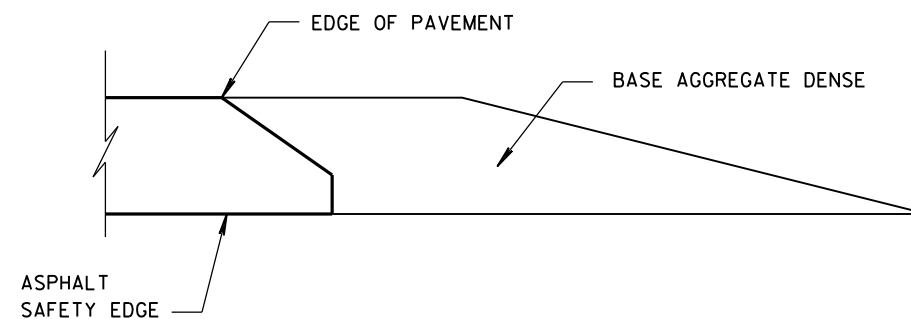


CONSTRUCTED WITH FINAL TWO LAYERS
FOR H GREATER THAN 5"



CONSTRUCTED WITH FINAL LAYER
FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

SAFETY EDGE_{SM}

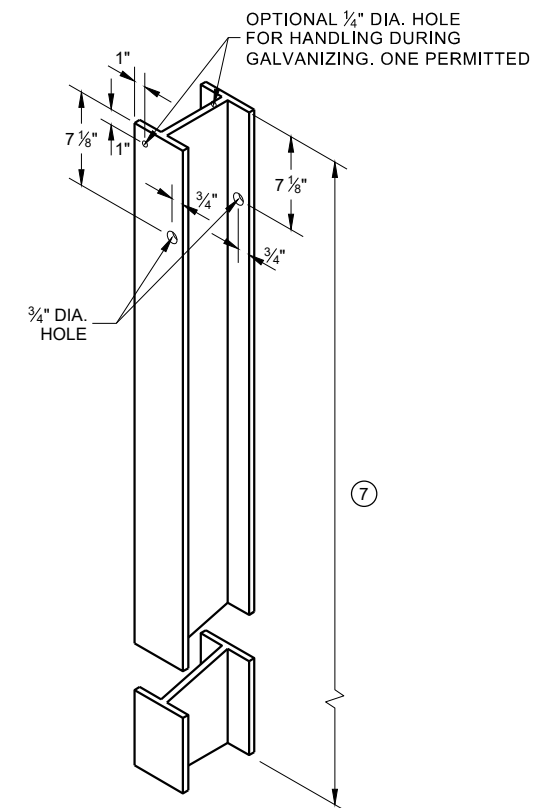
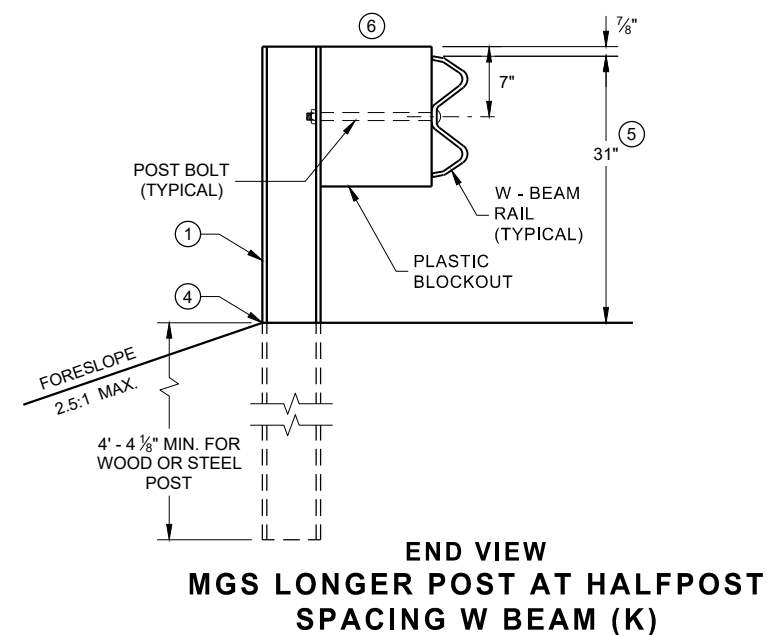
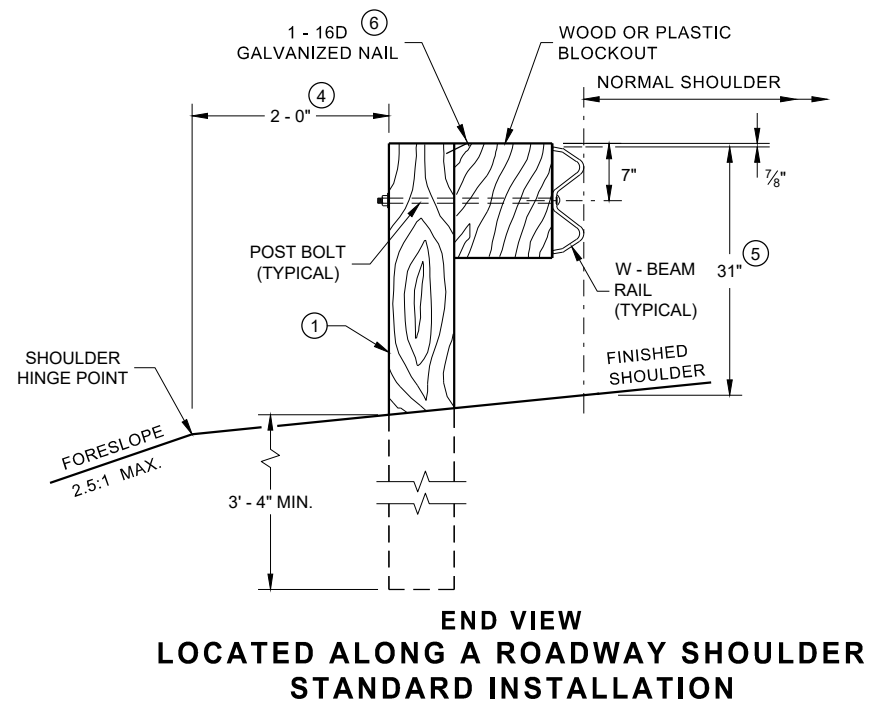
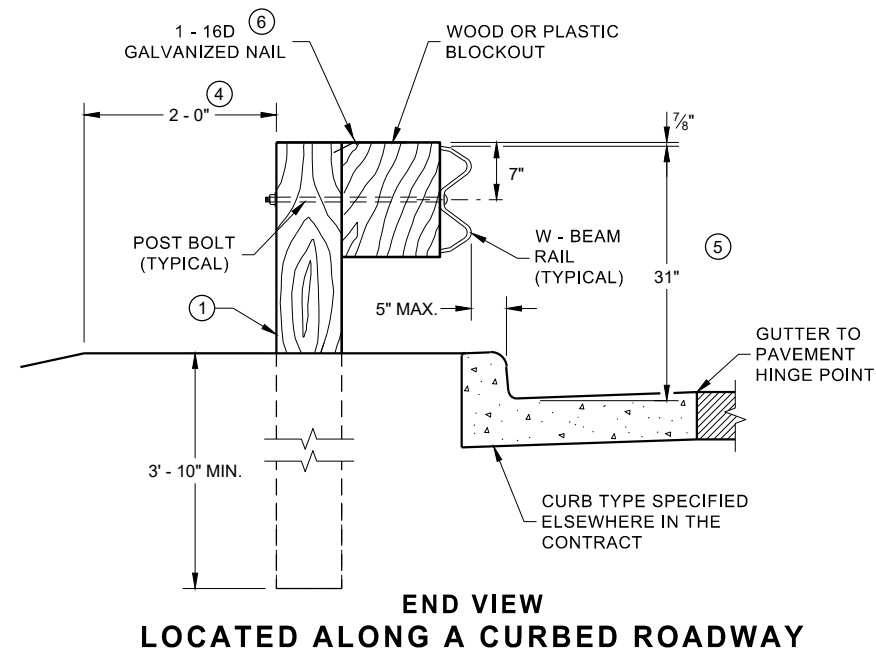
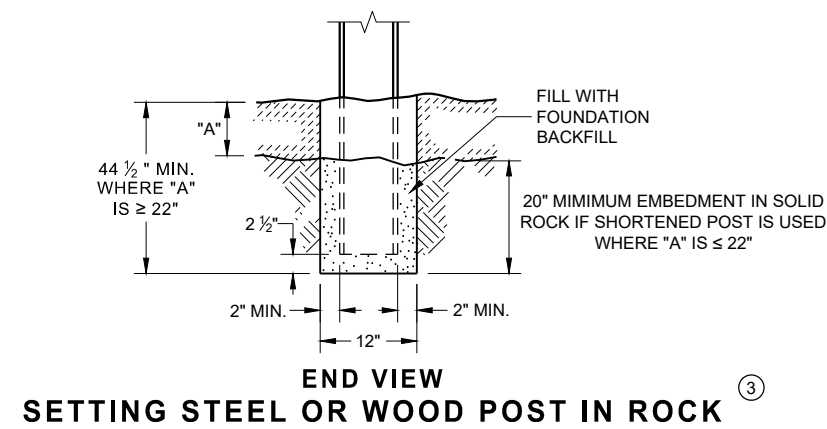
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
DATE 11/30/2012
FHWA

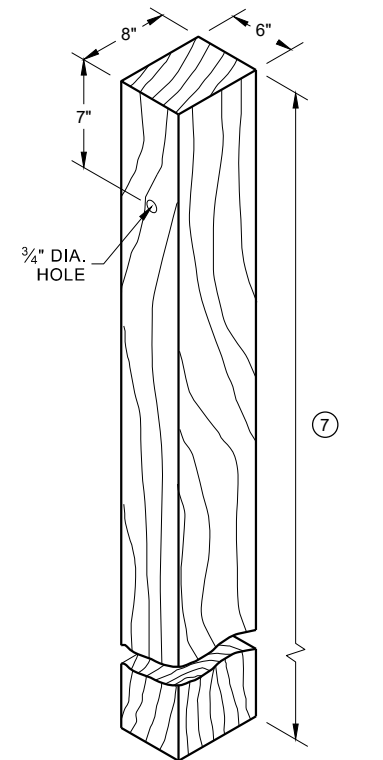
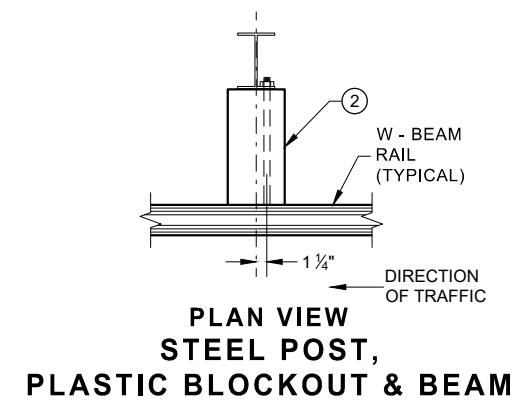
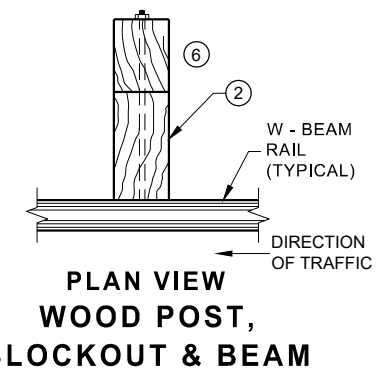
/s/ Jerry H. Zoaga
ROADWAY STANDARDS
ENGINEER 144

ENT

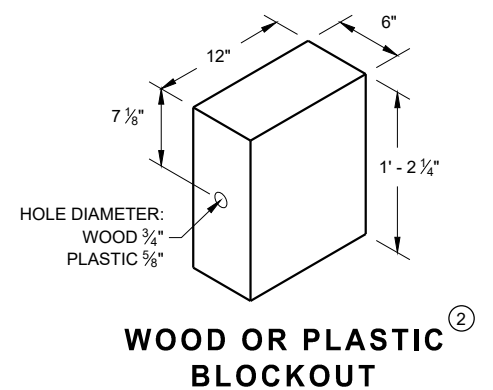
- ① WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.
- ② USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. 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 AND 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 $\pm 1"$. FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27 3/4" 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".

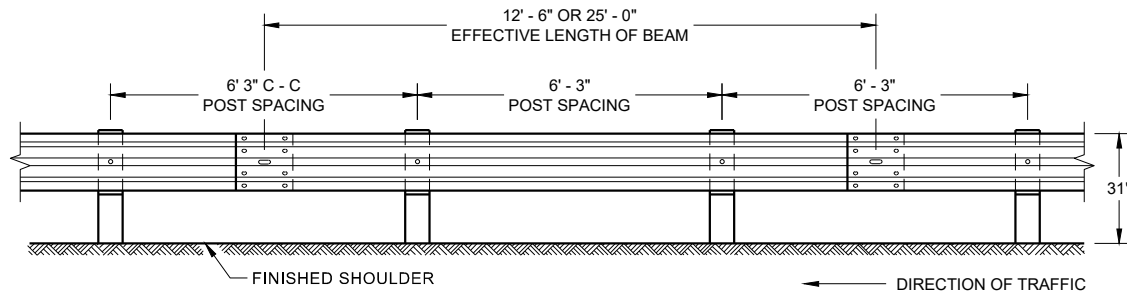


**STEEL POST & HOLE
PUNCHING DETAIL
(W 6 X 9) ①**

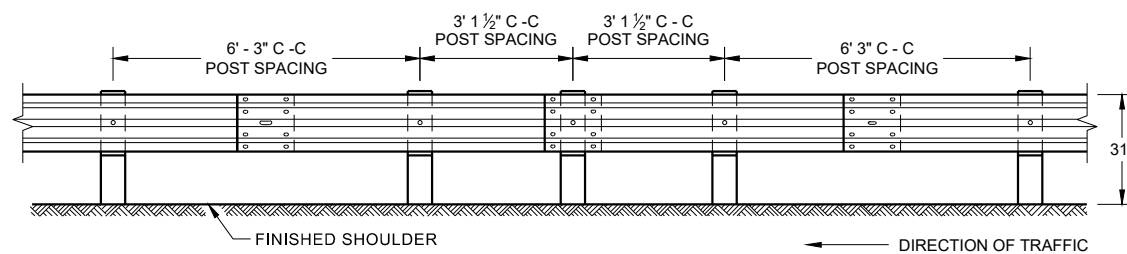


WOOD POST (6" X 8") NOMINAL ⁽¹⁾

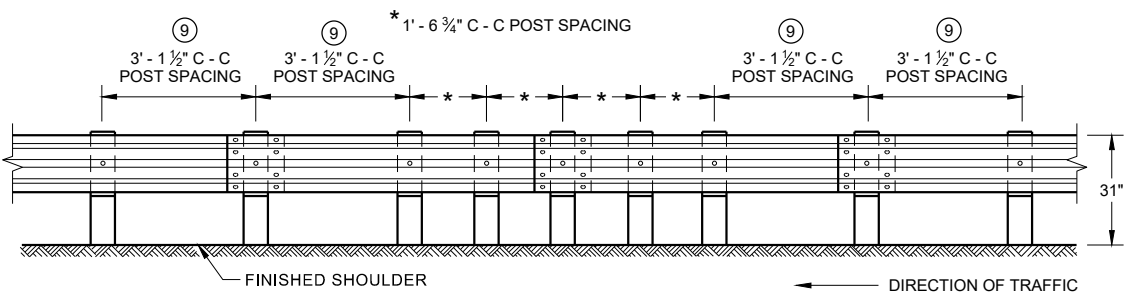




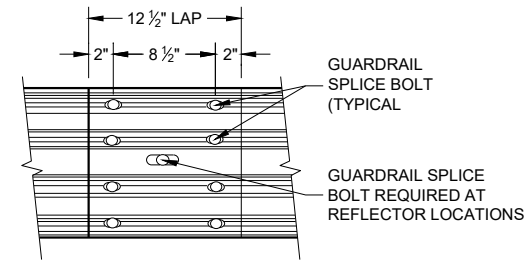
**FRONT VIEW
POST SPACING STANDARD INSTALLATION**



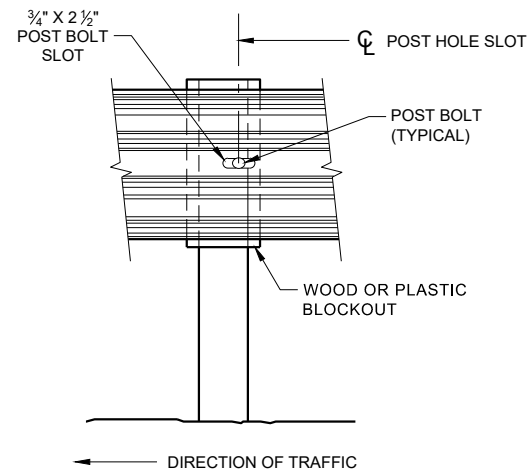
**FRONT VIEW
HALF POST SPACING (HS) AND
HALF POST SPACING WITH LONGER POSTS (K)**



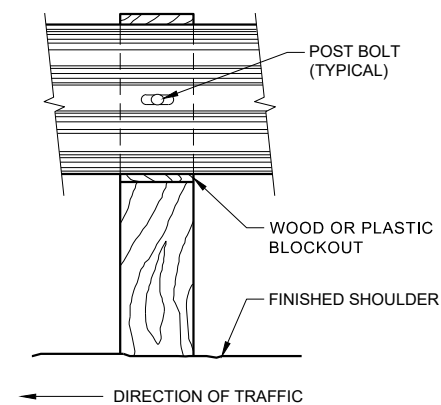
**FRONT VIEW
QUARTER POST SPACING (QS)**



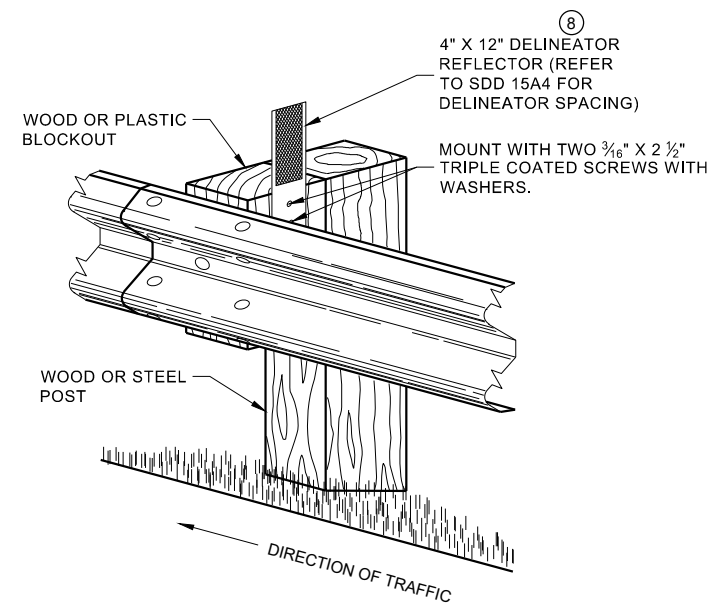
**FRONT VIEW
MID-SPAN BEAM SPLICE**



FRONT VIEW AT STEEL POST



FRONT VIEW AT WOOD POST



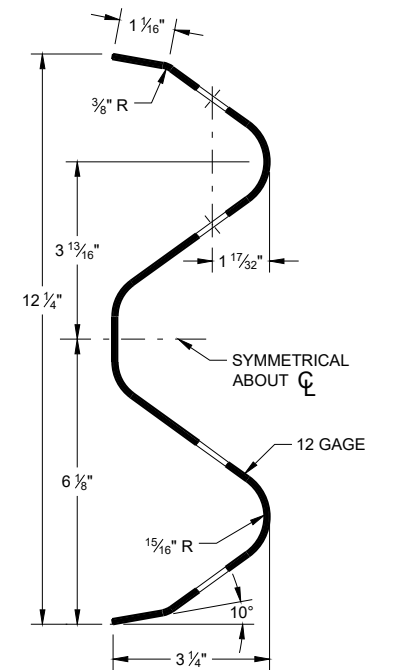
**ONE SIDED REFLECTOR DETAIL
AND TYPICAL INSTALLATION**

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 3/8" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES 3/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND 3/8" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

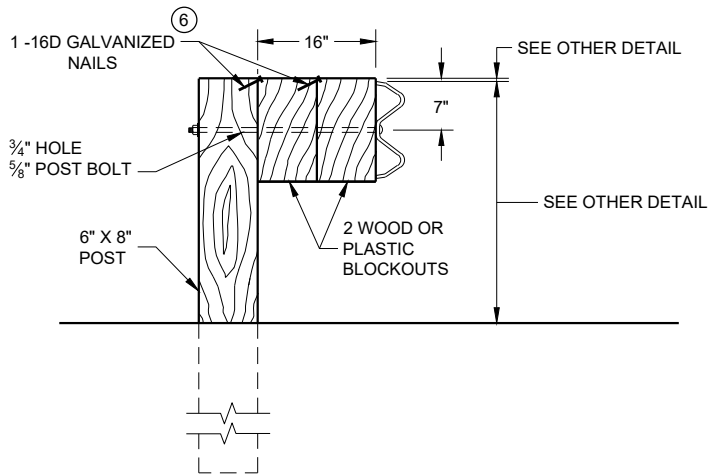
GUARD RAIL SPLICE BOLTS ARE A 3/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 3/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.



SECTION THRU W-BEAM RAIL

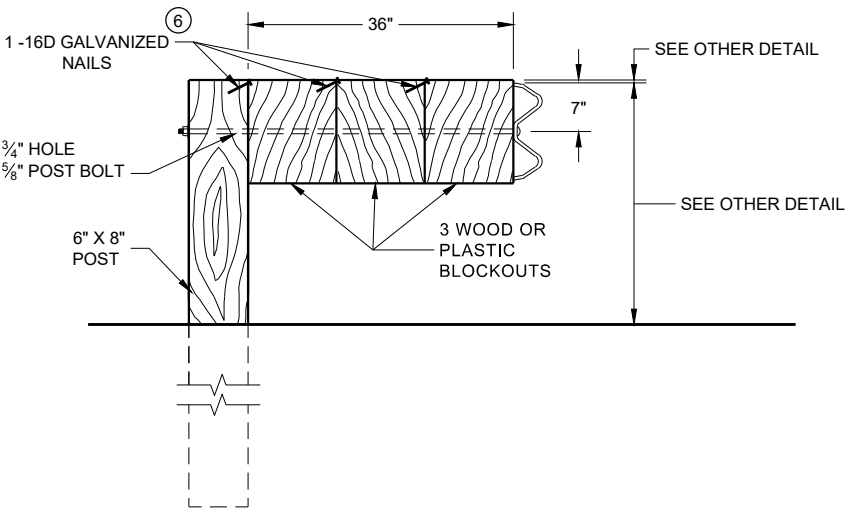
**MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION 146



DETAIL FOR 16" BLOCKOUT DEPTH

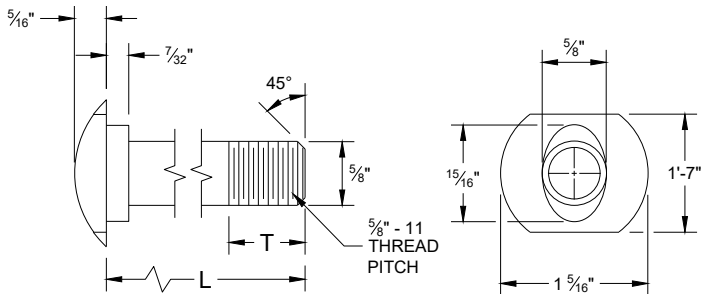
IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.



DETAIL FOR 36" BLOCKOUT DEPTH

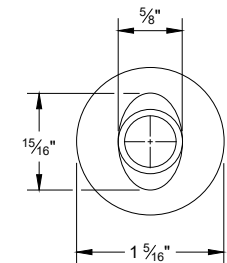
NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

- NOTE:
- 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF $\frac{3}{16}$ ".
 - 2. IF THE BOLT EXTENDS MORE THAN $\frac{1}{4}$ " FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

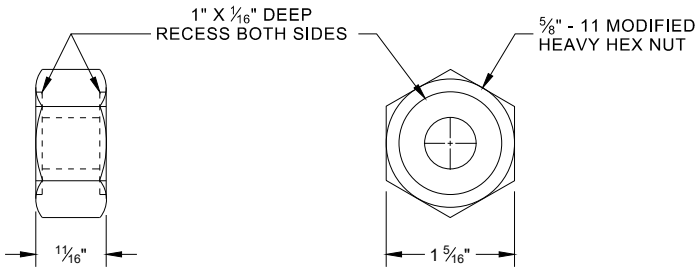


POST BOLT TABLE

L	T (MIN.)
1 $\frac{1}{4}$ "	1 $\frac{1}{8}$ "
2"	1 $\frac{3}{4}$ "
10"	4"
14"	4 $\frac{1}{16}$ "
18"	4"
21"	4 $\frac{1}{16}$ "
25"	4"

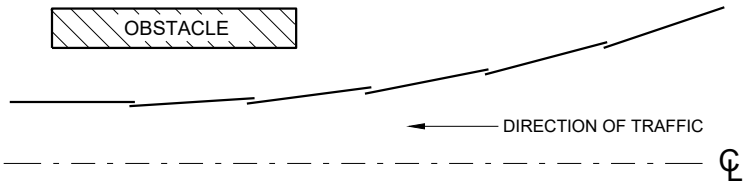


ALTERNATE BOLT HEAD

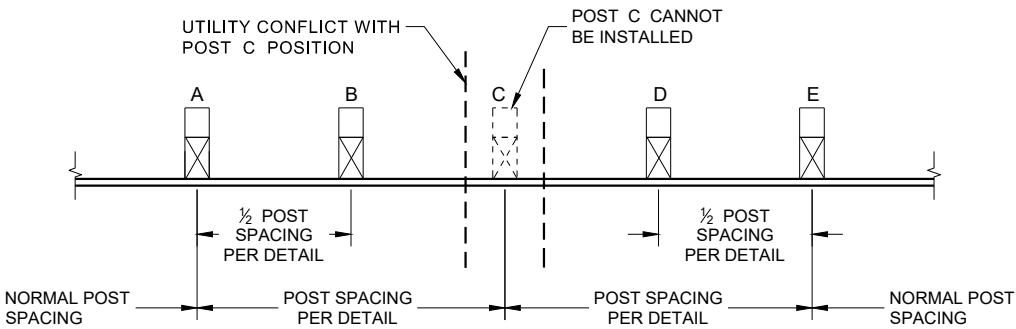


POST BOLT, SPLICE BOLT AND RECESS NUT

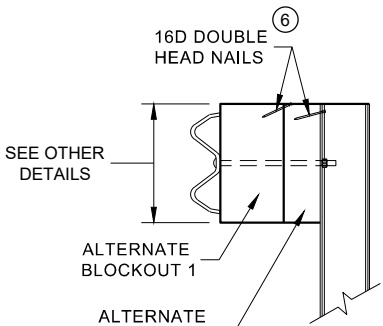
- ⑥ WHEN USING STEEL POST AD WOOD BLOCKOUTS, INSTALL FOUR 16D GALVANIZED NAILS. INSTALL NAILS AT THE BACK CORNERS OF THE BLOCK AND BEND THE NAILS OVER THE FLANGE OF THE STEEL POST.



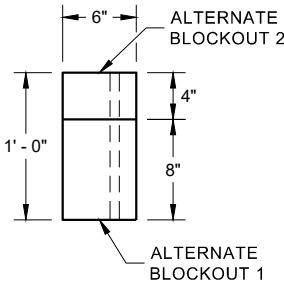
PLAN VIEW
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS
UNDERGROUND OBSTRUCTION



SIDE VIEW

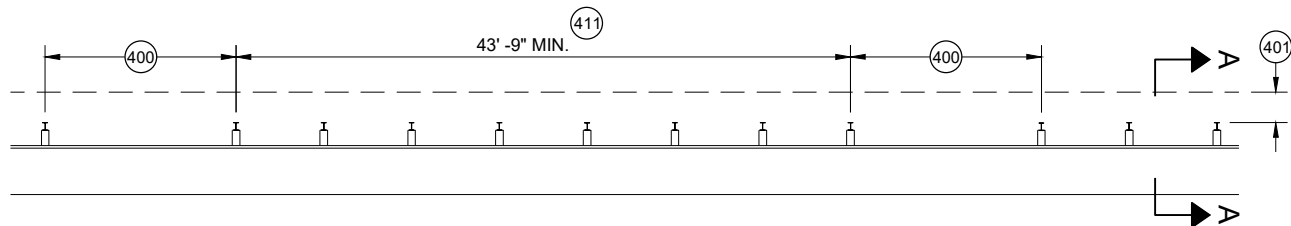


PLAN VIEW

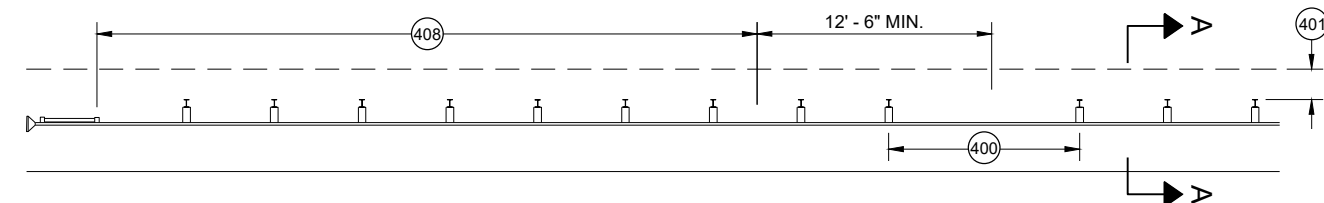
ALTERNATE WOOD
BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

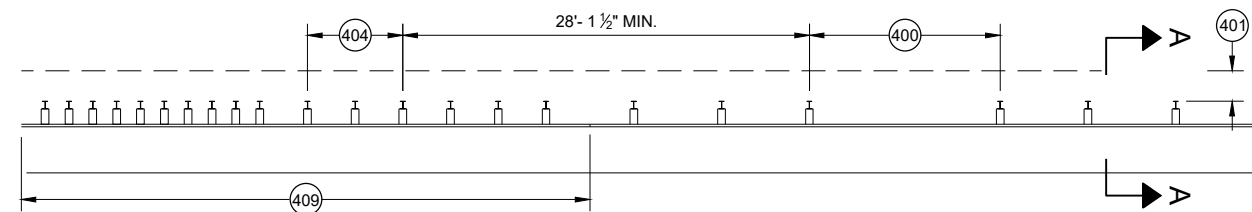
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION 147



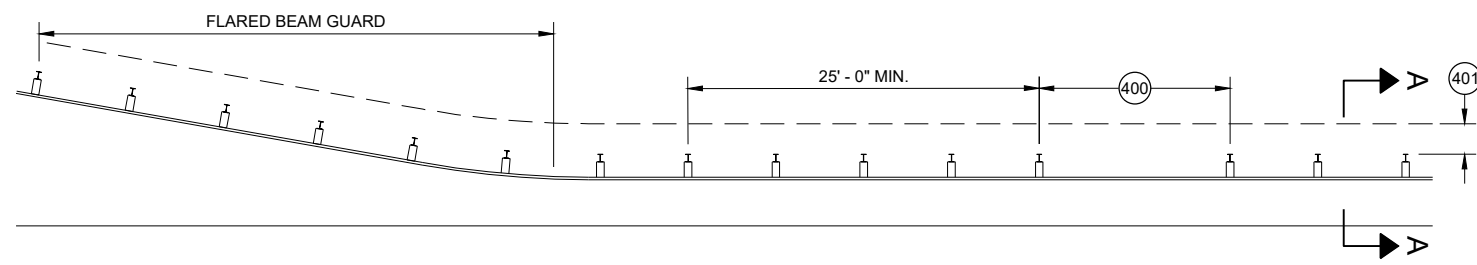
MISSING POST IN MGS GUARDRAIL



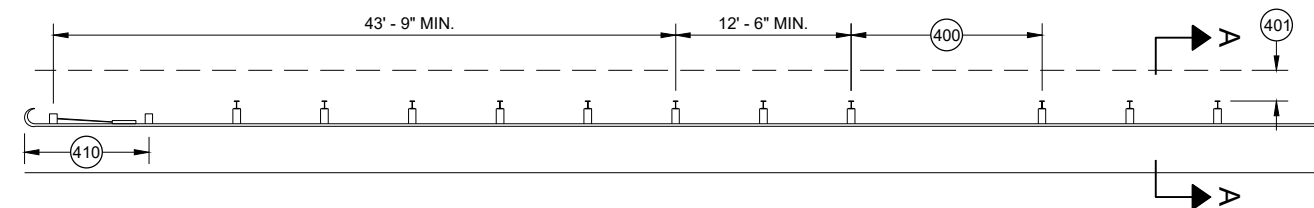
MISSING POST IN MGS GUARDRAIL NEAR EAT



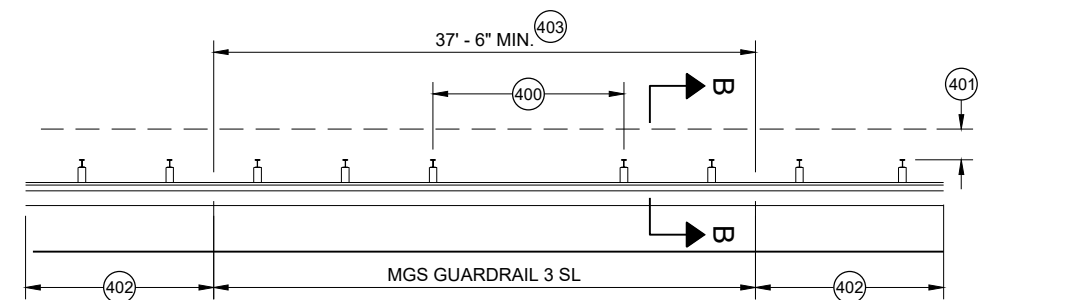
MISSING POST IN MGS GUARDRAIL NEAR AN APPROACH TRANSITION



MISSING POST IN MGS GUARDRAIL NEAR FLARED BEAM GUARD

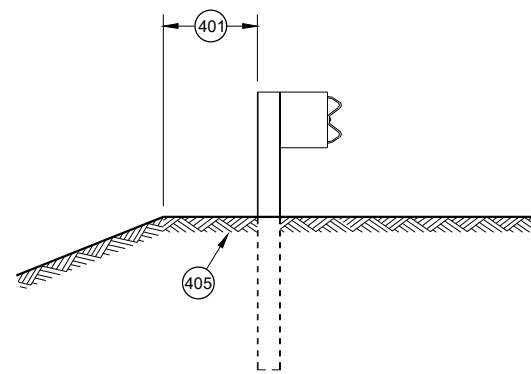


MISSING POST IN MGS GUARDRAIL NEAR A TYPE 2 END TERMINAL

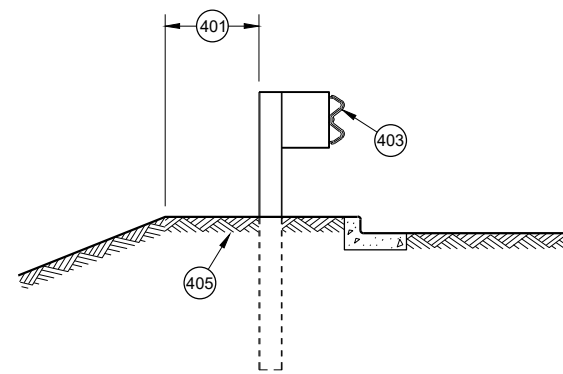


MISSING POST IN SHORT SPAN MGS GUARDRAIL NEAR CURB (SL)

- (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



SECTION B - B

**MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

FHWA

- 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.

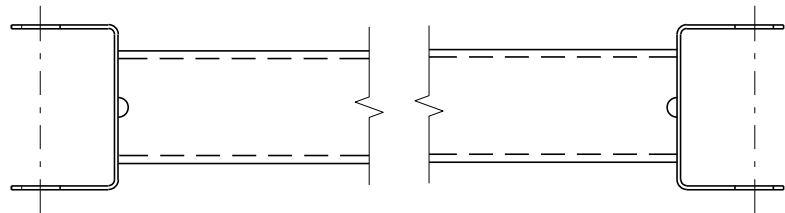
*** DO NOT ATTACH BLOCKOUTS TO POST 1 AND 2.**

SEE MANUFACTURER'S DRAWING FOR SPLICE LOCATION, HARDWARE DIMENSIONS AND INSTALLATION INSTRUCTIONS.

THE CENTER OF THE UPPER 3 1/2" 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.

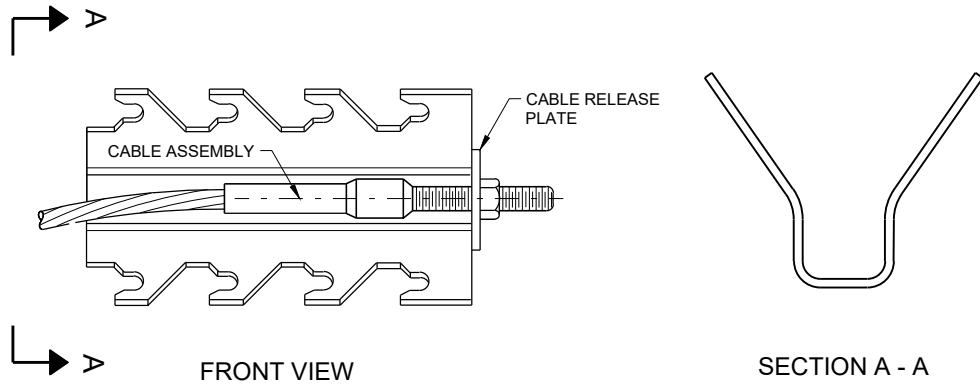


STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION 149

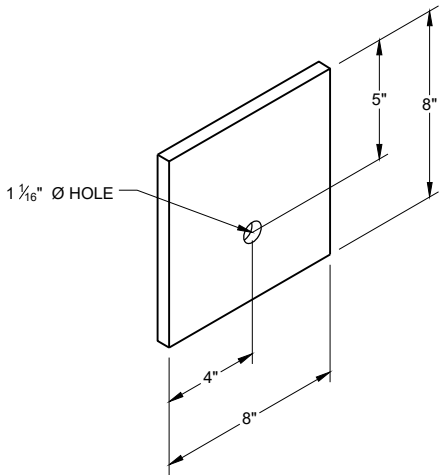


GENERIC GROUND STRUT^⑨ [Ⓔ]

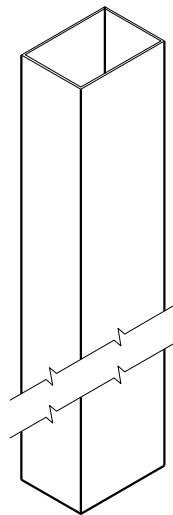
BILL OF MATERIALS	
PART NO.	DESCRIPTION MATERIALS PROVIDED BY MGS EAT MANUFACTURER. SEE MANUFACTURER'S DETAILS FOR MORE INFORMATION.
①	UPPER POST NO. 1 6" X 6" TUBE
②	LOWER POST NO. 1
③	WOOD CRT
④	WOOD BLOCKOUT
⑤	PIPE SLEEVE
⑥	BEARING PLATE
⑦	BCT CABLE ASSEMBLY
⑧	ANCHOR CABLE BOX
⑨	GROUND STRUT
⑩	PERFORATED 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



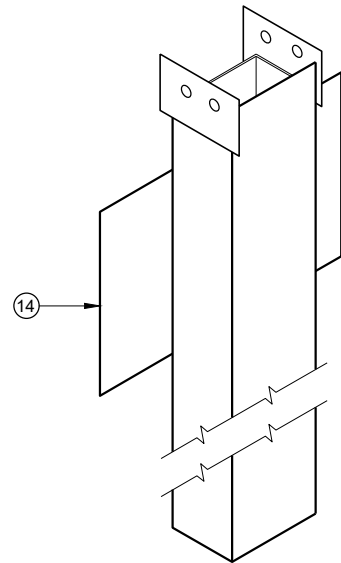
GENERIC ANCHOR CABLE BOX^⑨ [Ⓔ]



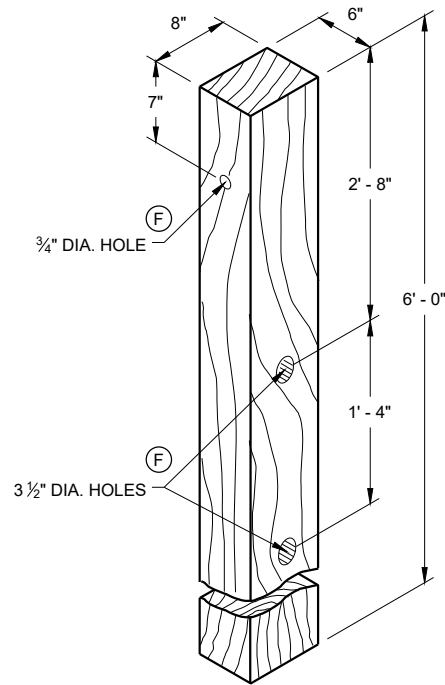
BEARING PLATE^⑥ [Ⓔ]



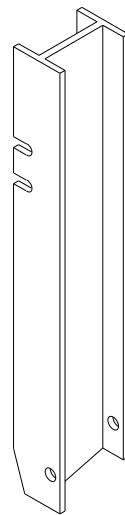
UPPER POST NO. 1 ⁽¹⁾ (E)



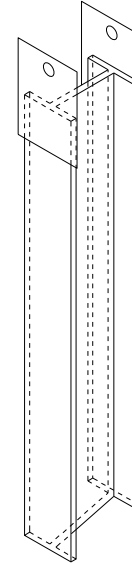
LOWER POST NO. 1 ⁽²⁾ (E)



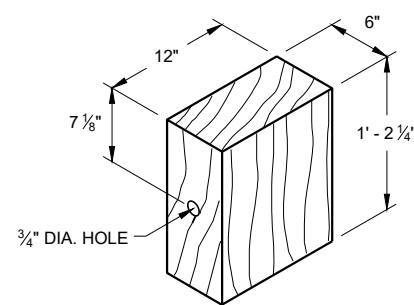
WOOD CRT POST ⁽³⁾ (E)
POSTS NUMBER 3-9



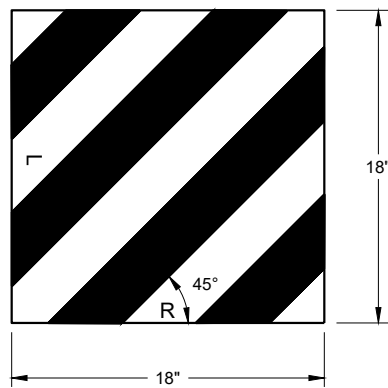
UPPER POST NO. 2 ⁽¹⁵⁾ (E)



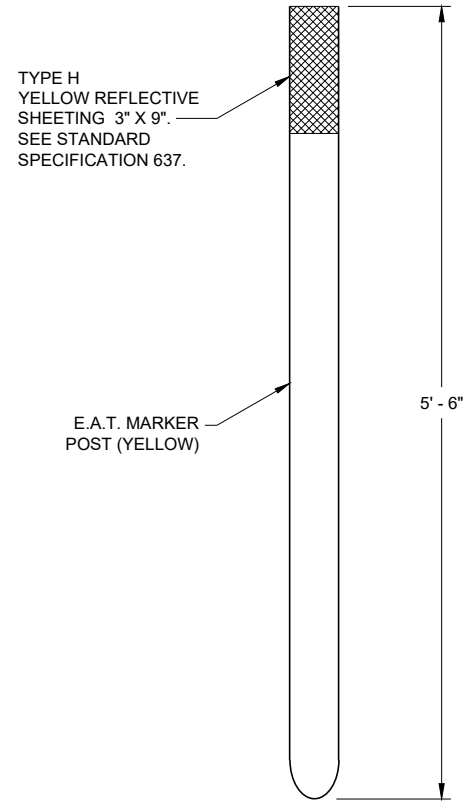
LOWER POST NO. 2 ⁽¹⁶⁾ (E)



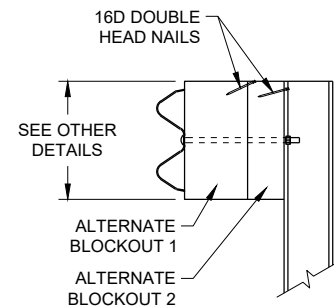
WOOD BLOCKOUT ⁽⁴⁾
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2



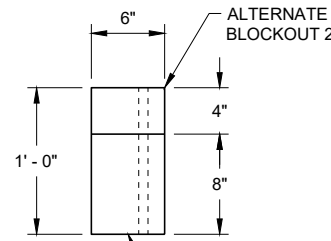
REFLECTIVE SHEETING DETAIL ^(E)
W5 - 59



FRONT VIEW
SIDE VIEW
E.A.T. MARKER POST ⁽¹³⁾



SIDE VIEW



TOP VIEW

ALTERNATE WOOD
BLOCKOUT DETAIL

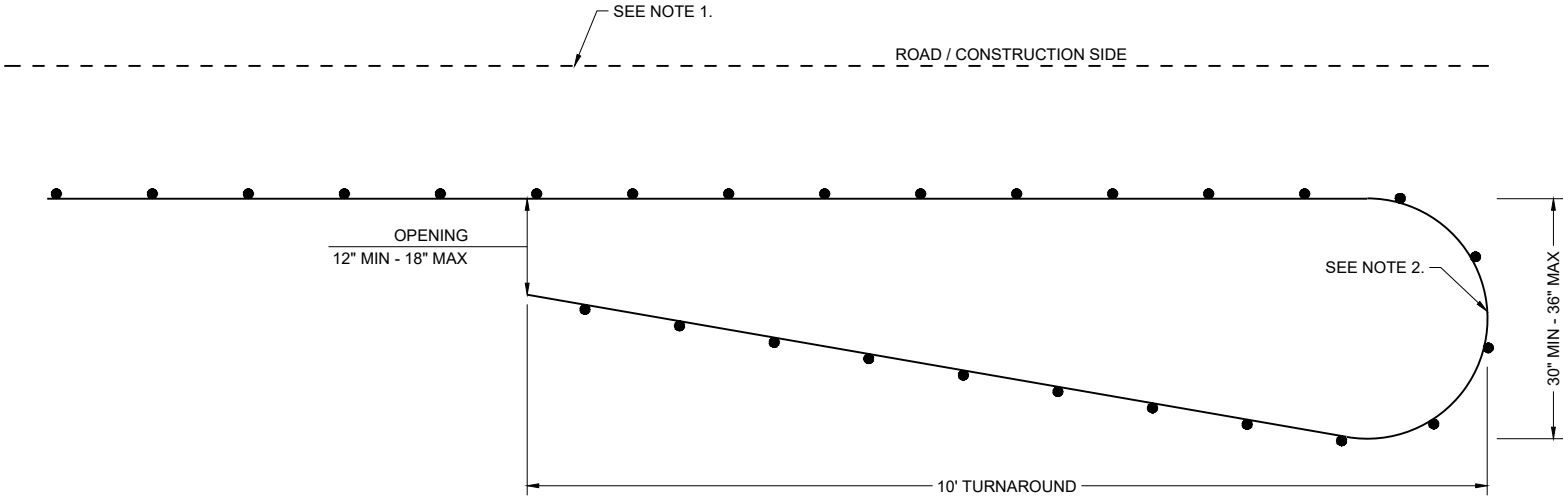
**MIDWEST GUARDRAIL SYSTEM
ENERGY ABSORBING TERMINAL
(MGS)**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

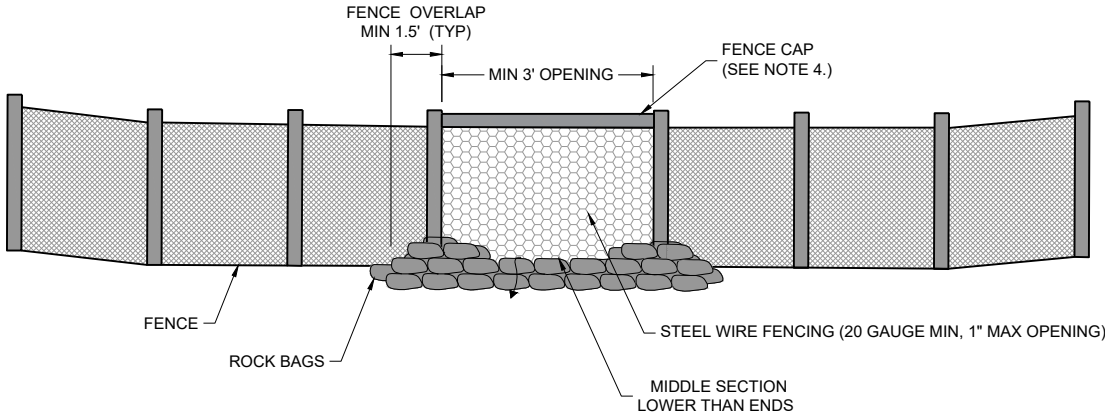
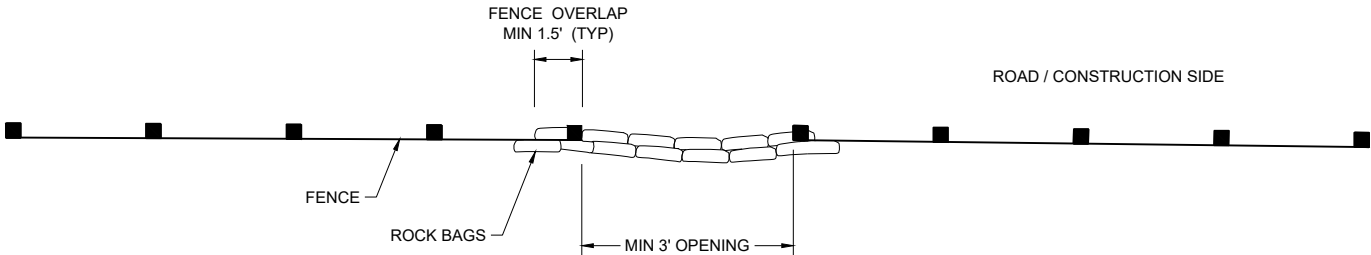
APPROVED
7/2018
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR
151
FHWA

GENERAL NOTES:

1. WHERE SILT FENCE IS REQUIRED, IT SHALL BE PLACED ON THE CONSTRUCTION SIDE OF THE EXCLUSION FENCING, OR COMBINED WITH THE EXCLUSION FENCING AS ALLOWED IN THE SPECIFICATIONS. STAKES ON THIS DETAIL ARE OPPOSITE OF STANDARD SILT FENCE FOR SEDIMENT CONTROL.
2. PLACE TURNAROUNDS AT ALL TERMINI ENDS OF THE EXCLUSION FENCING.
3. IF TEMPORARY ACCESS POINTS ARE NEEDED DURING CONSTRUCTION THAT REQUIRE OPENINGS IN THE EXCLUSION FENCING, ACCESS OPENINGS SHOULD BE TIGHTLY SECURED WITH BALES OF HAY OR STRAW WHENEVER CONSTRUCTION RELATED ACTIVITIES ARE NOT OCCURRING. REINSTALL EXCLUSION FENCING WHEN THE WORK REQUIRING THE TEMPORARY ACCESS OPENING IS COMPLETED.
4. THE FENCE CAP MAY BE A 6" UNDER DRAIN PIPE, SLIT DOWN THE CENTER AND PLACED OVER THE FENCE. COMMERCIALY AVAILABLE SAFETY CAPS WITH A LIP MAY BE USED. OTHER DNR APPROVED METHODS TO PREVENT TURTLES FROM PASSING OVER THE TOP OF THE FENCE MAY BE USED.
- SECURELY FASTEN THE CAP TO PREVENT IT FROM BEING DISLODGED.

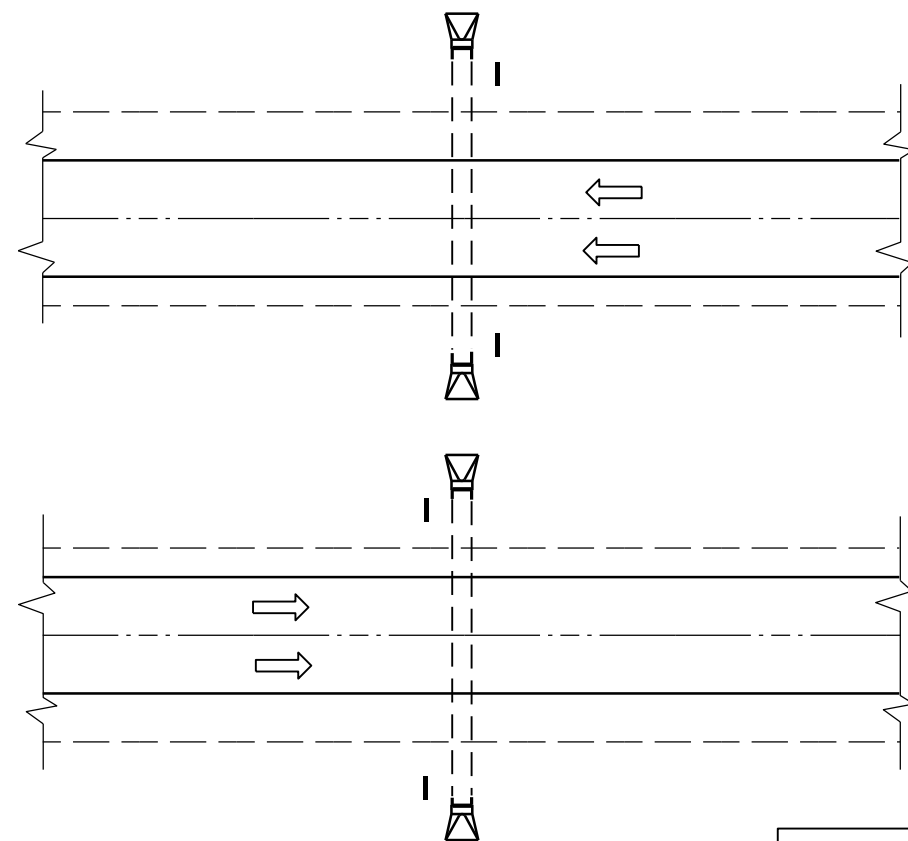


PLAN VIEW
CLIMBING TURTLE EXCLUSION FENCE DETAIL

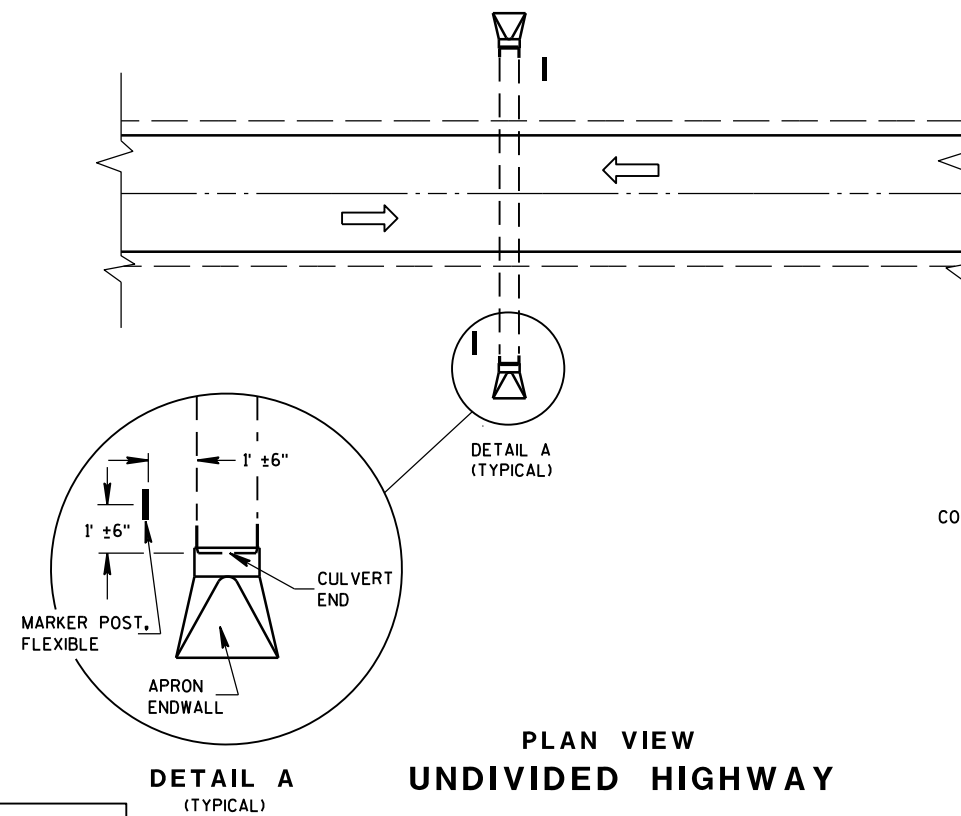
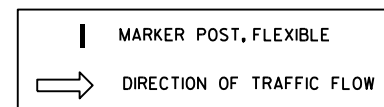


FRONT VIEW
CLIMBING TURTLE FENCE RELIEF DETAIL

TURTLE EXCLUSION FENCE CLIMBING TURTLE	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED AUGUST 2025 DATE	/S/ ALYSSA BARRETTE CHIEF STATEWIDE ENVIRONMENTAL SERVICES BUREAU OF TECHNICAL SERVICES
FHWA 152	



PLAN VIEW
DIVIDED HIGHWAY

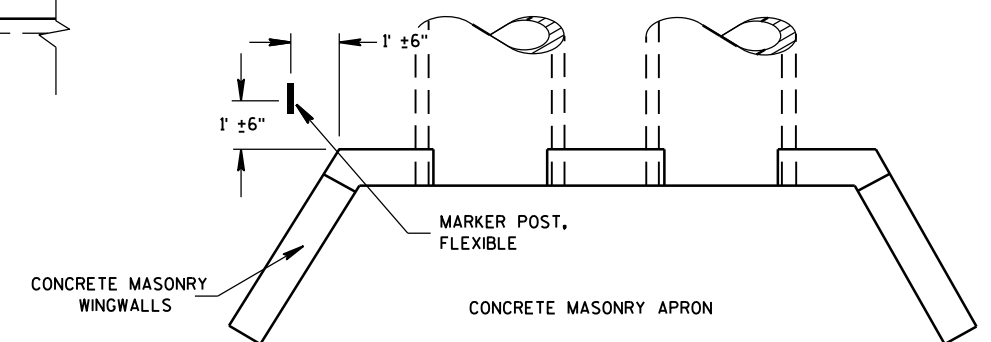


PLAN VIEW
UNDIVIDED HIGHWAY

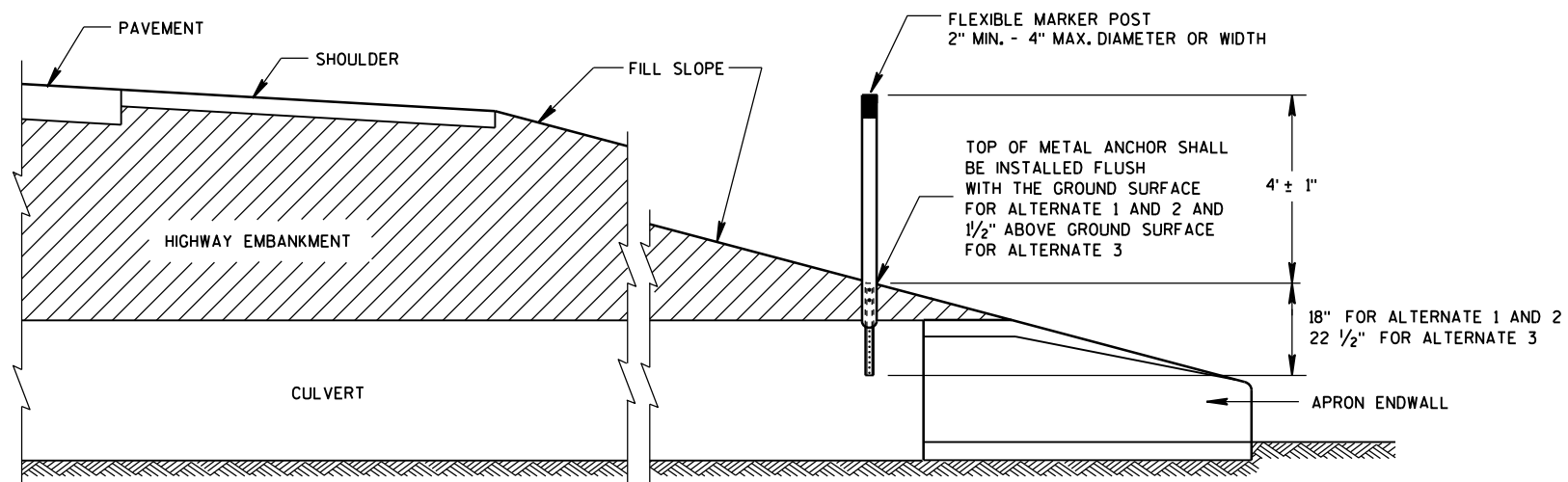
FLEXIBLE MARKER POST LOCATION

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.



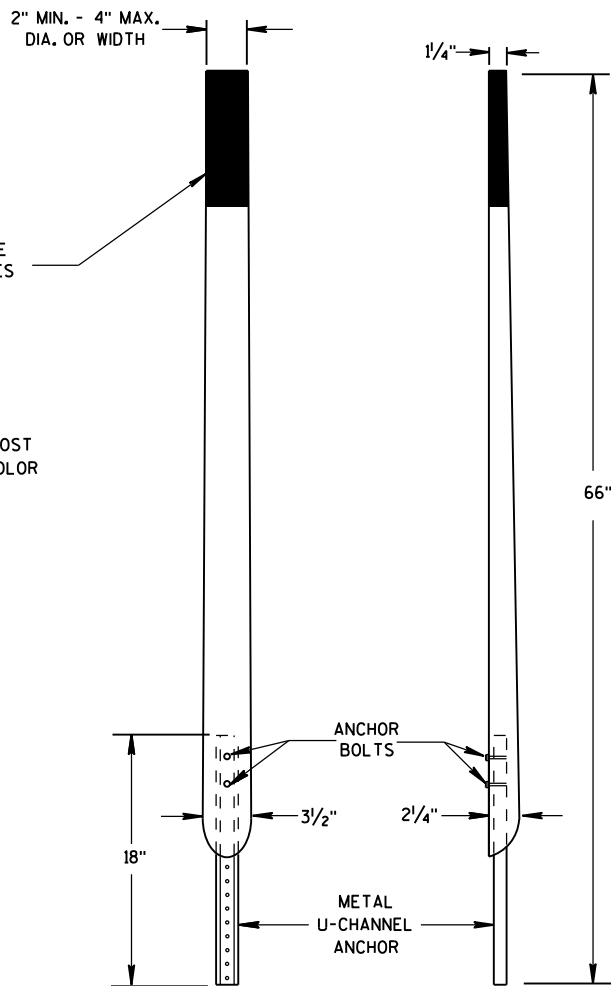
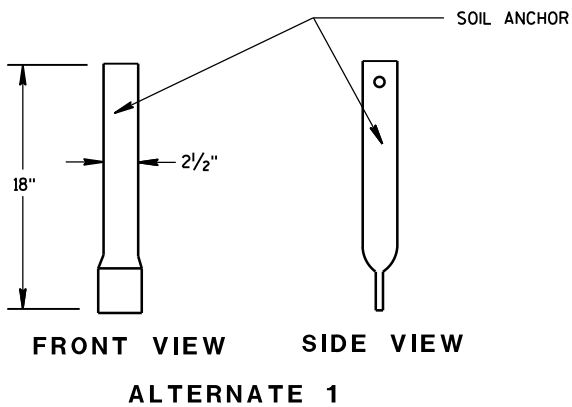
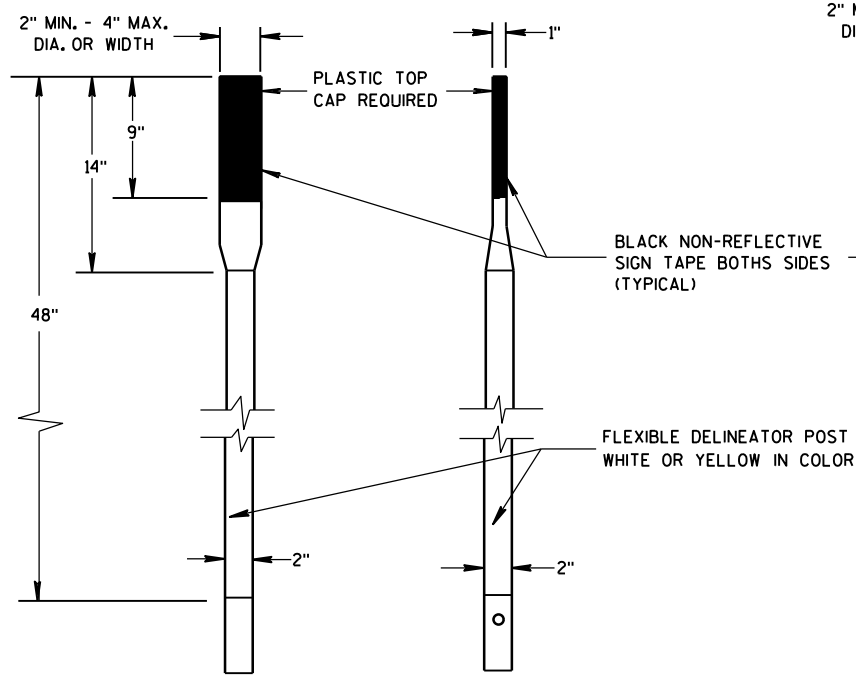
PLAN VIEW
CONCRETE MASONRY ENDWALLS FOR
CULVERT PIPE AND PIPE ARCH



CROSS SECTION
FLEXIBLE MARKER POST

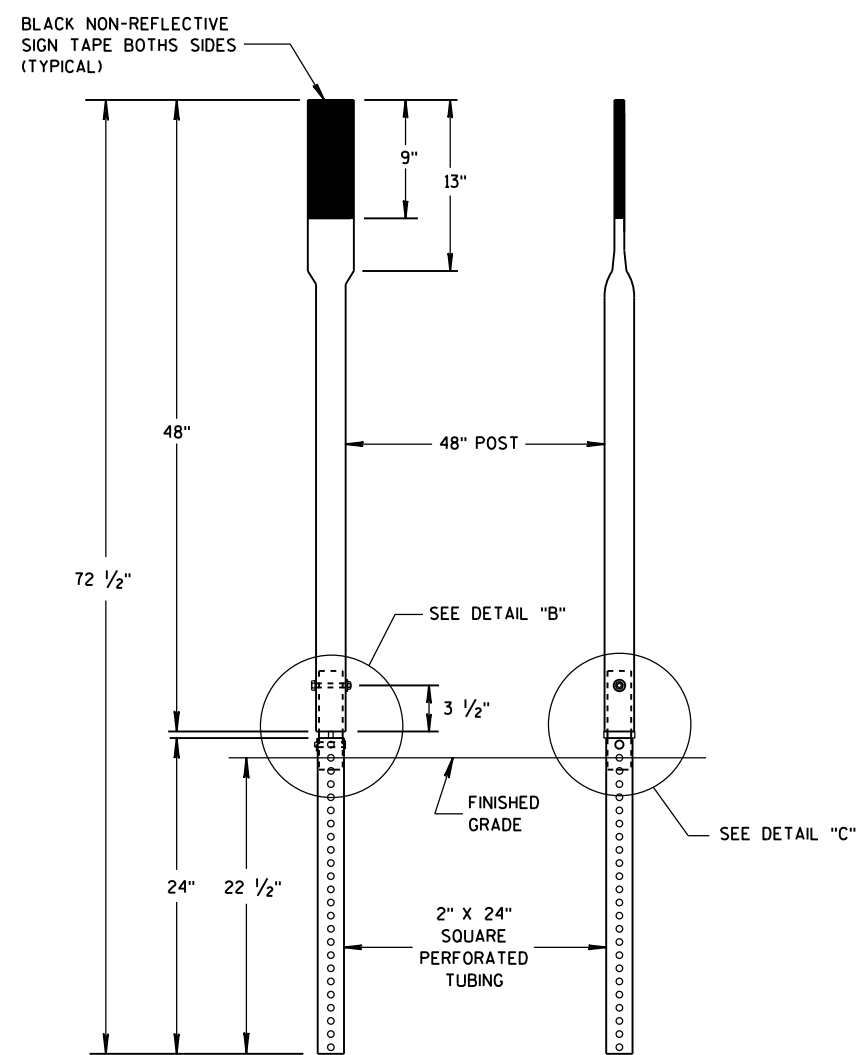
FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION 153

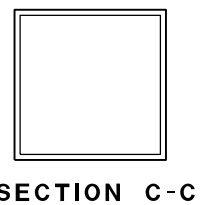


FRONT VIEW SIDE VIEW
ALTERNATE 2

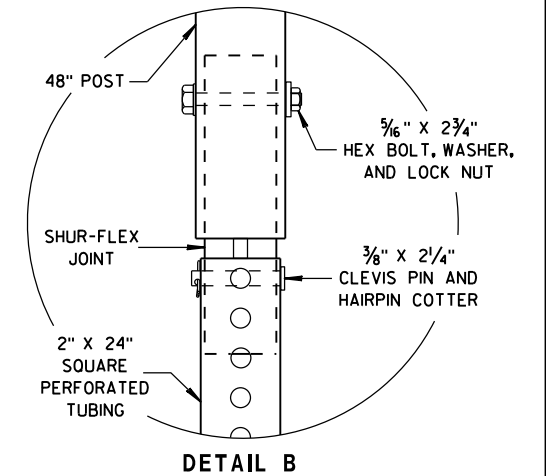
FLEXIBLE MARKER POSTS



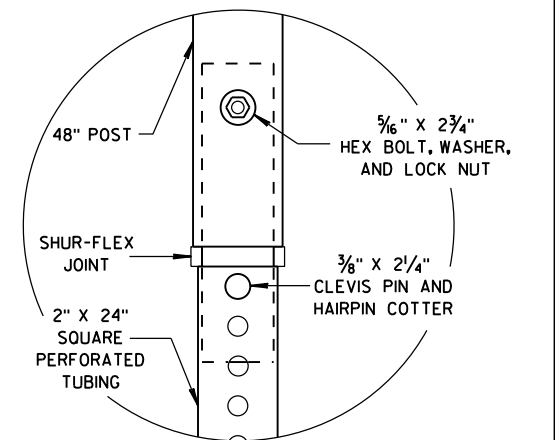
FRONT VIEW SIDE VIEW
ALTERNATE 3



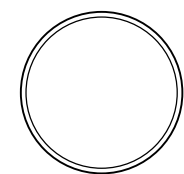
SECTION C-C



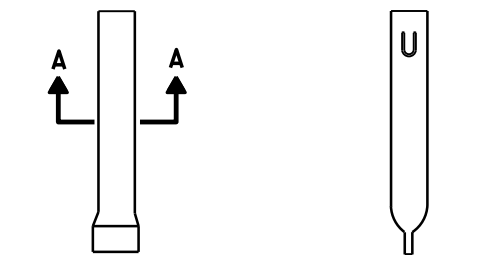
DETAIL B



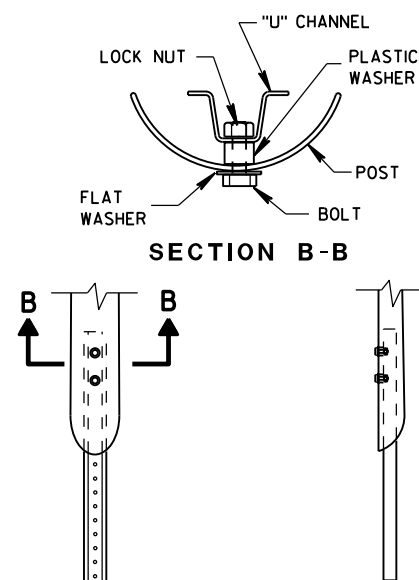
DETAIL C



SECTION A-A

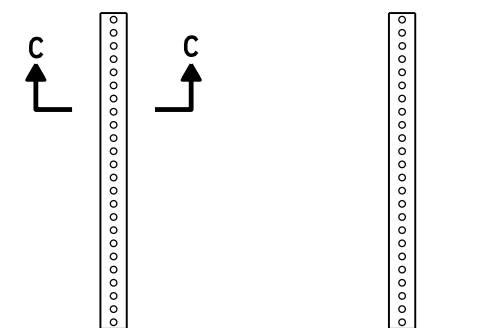


FRONT VIEW SIDE VIEW
ALTERNATE 1



FRONT VIEW SIDE VIEW
ALTERNATE 2

FLEXIBLE MARKER POST ANCHORS



FRONT VIEW SIDE VIEW
ALTERNATE 3

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

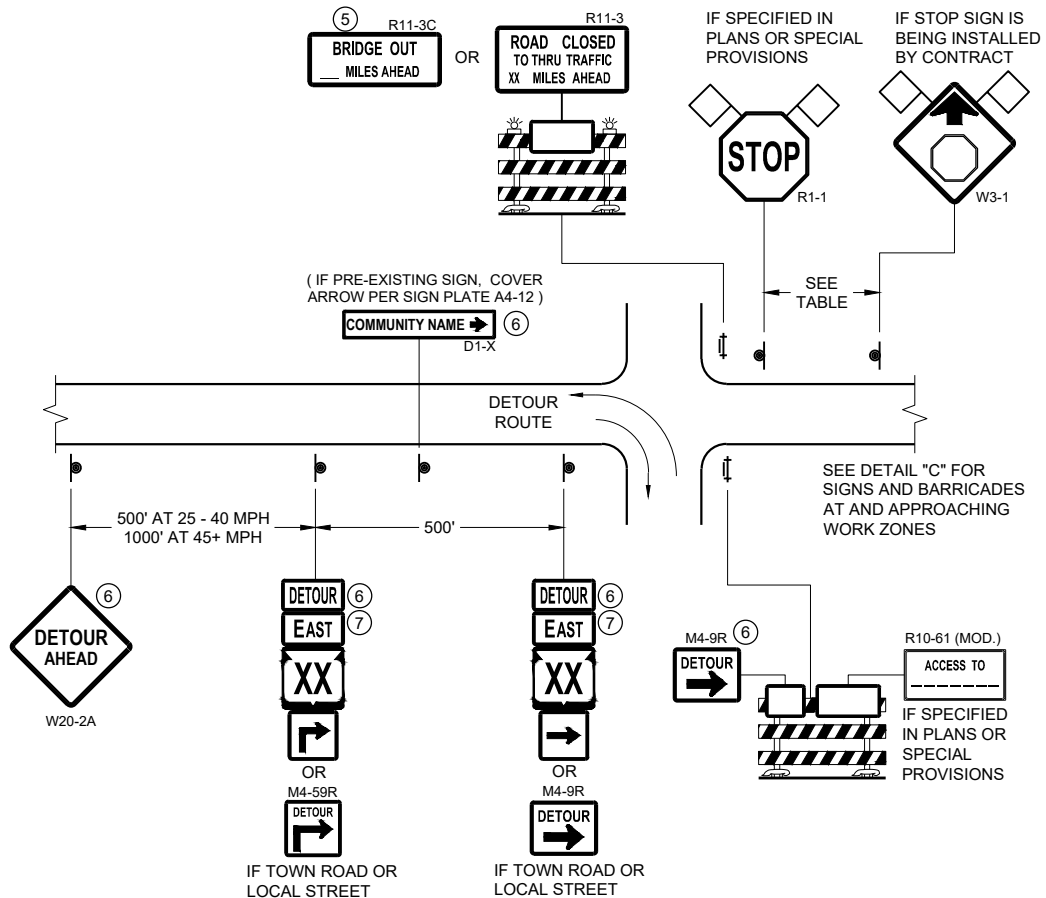
APPROVED

10/1/2012
DATE

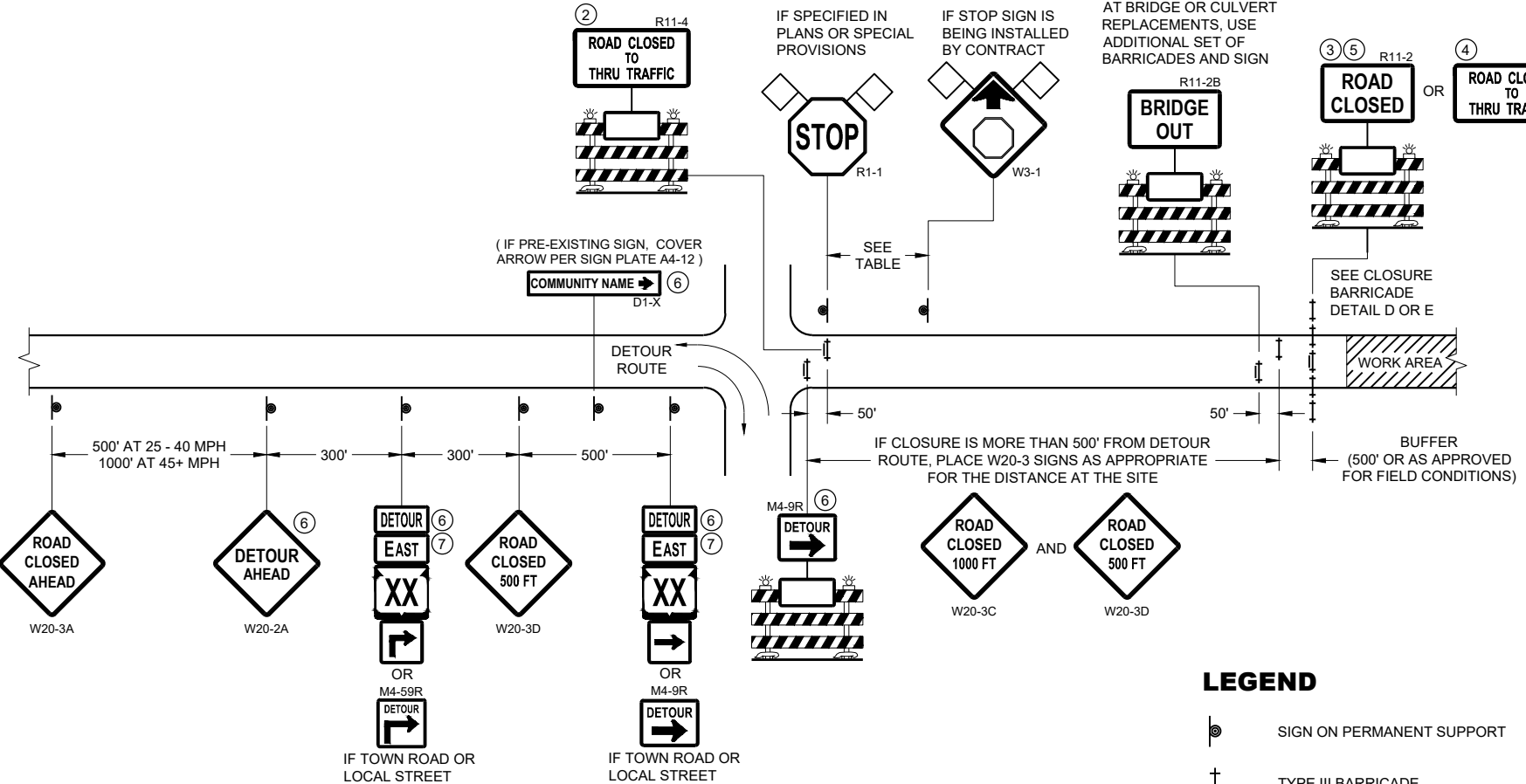
FHWA

/S/ Travis Feltes
STATE TRAFFIC ENGINEER 154

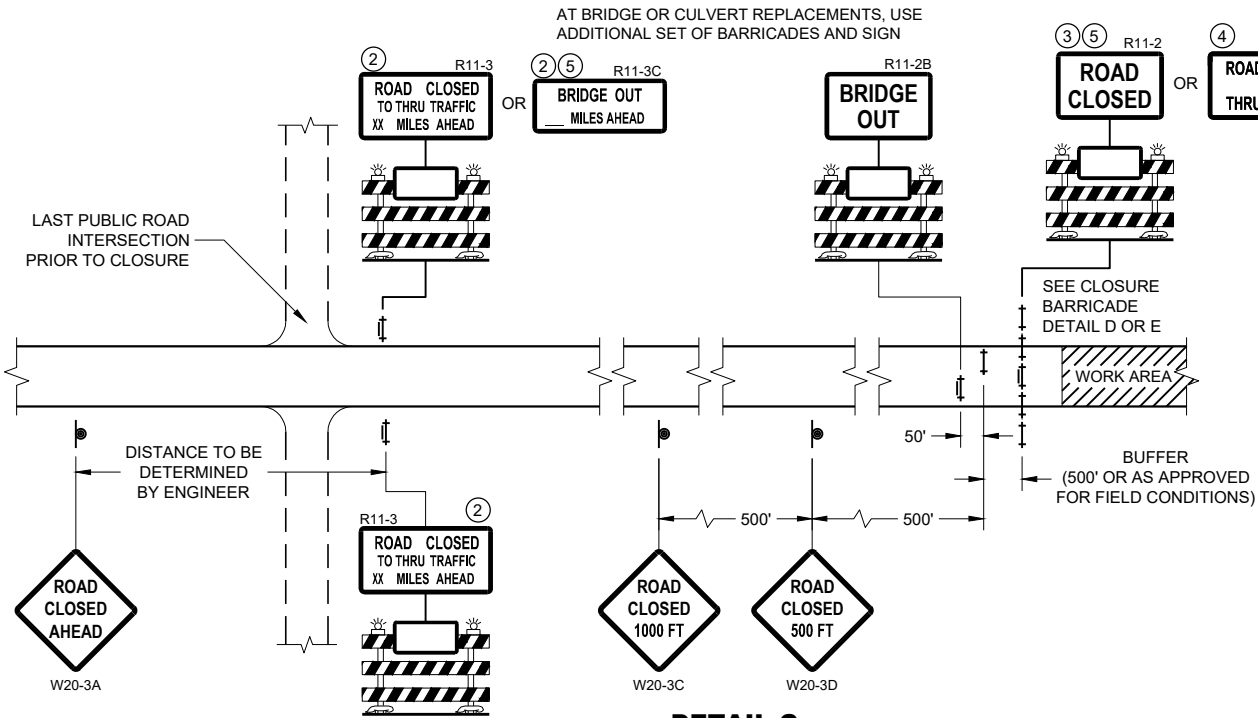
IGN



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)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

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

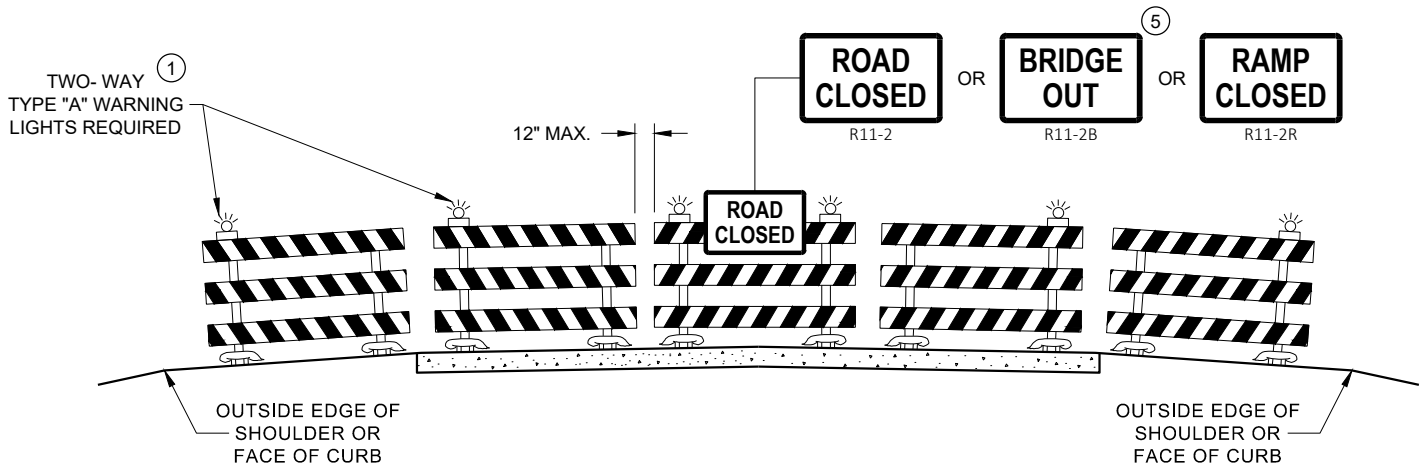
LEGEND

- 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 M1 - 5A
- M05 - 1 OR M06 - 1

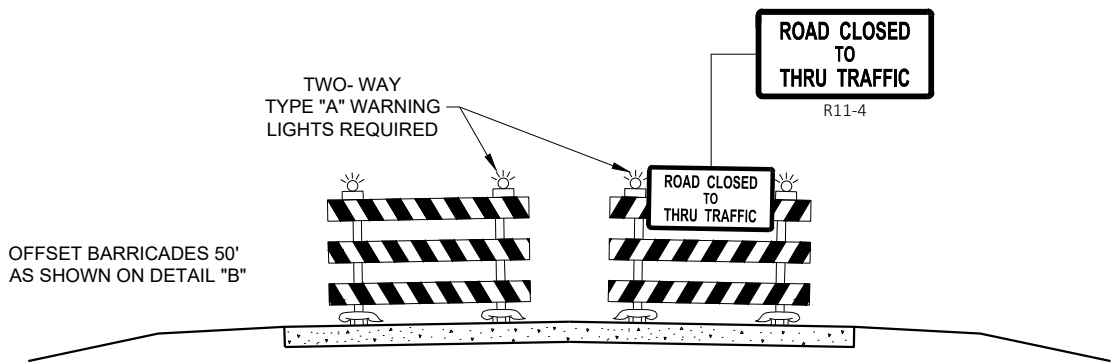
**BARRICADES AND SIGNS
FOR MAINLINE CLOSURES**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER 155
FHWA



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"

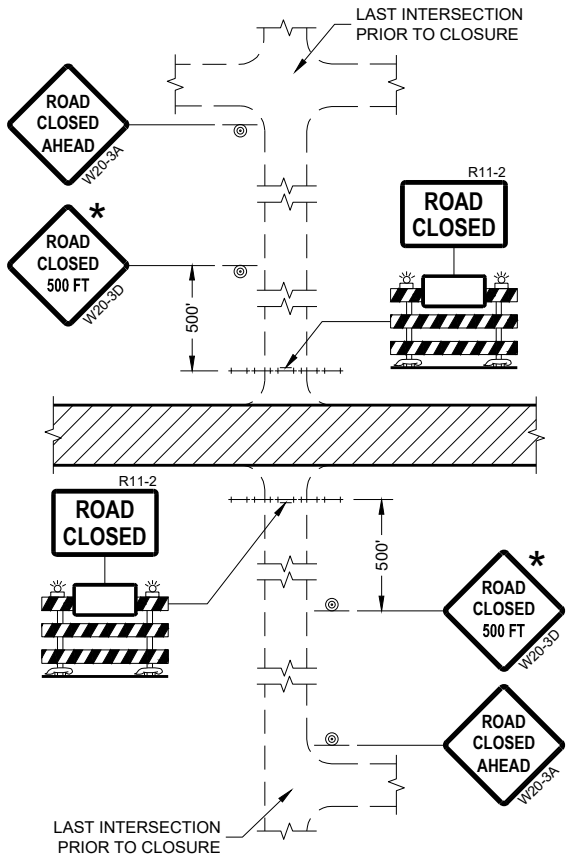
- 1 TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8 FOOT LIGHT SPACING).
- 2 THESE SIGNS 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

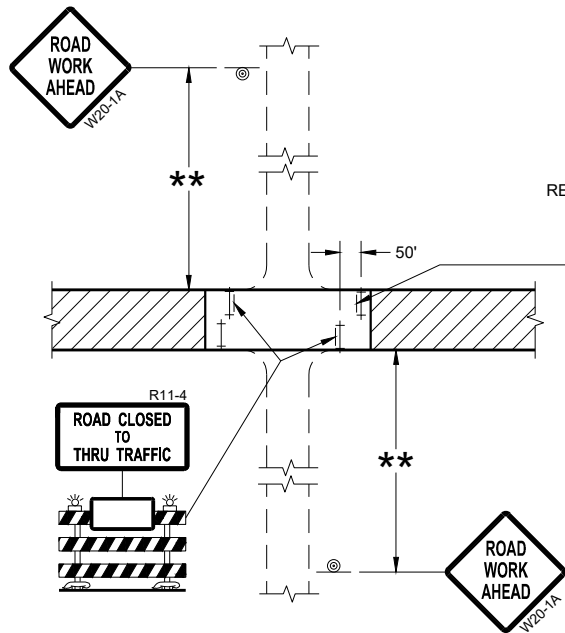
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER 156

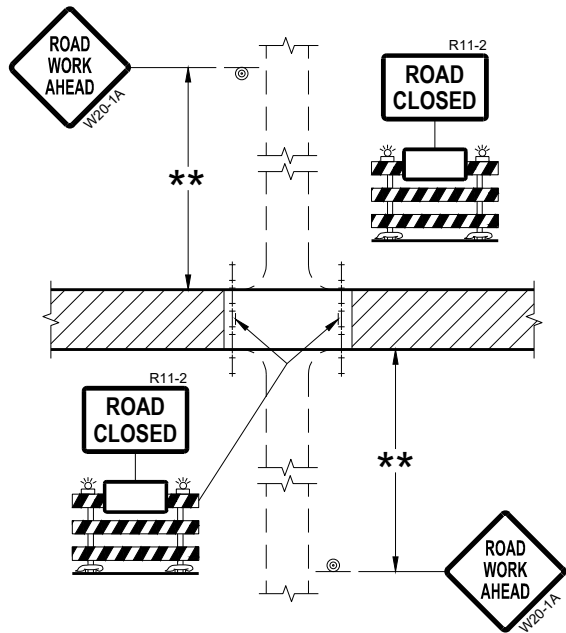
FHWA



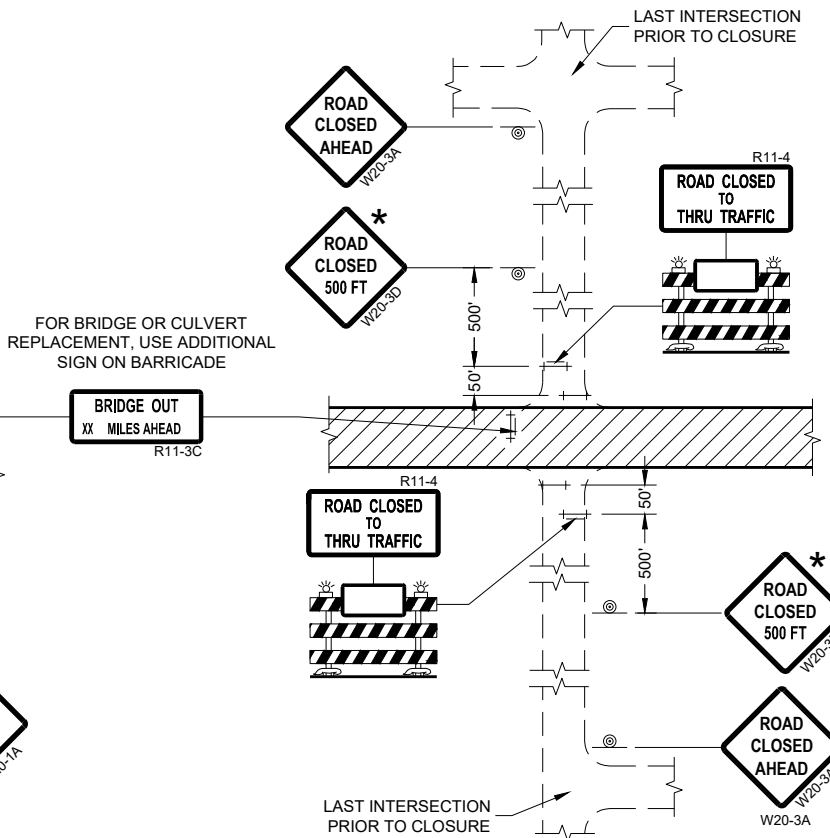
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED.
CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO 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 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER 157

FHWA

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.

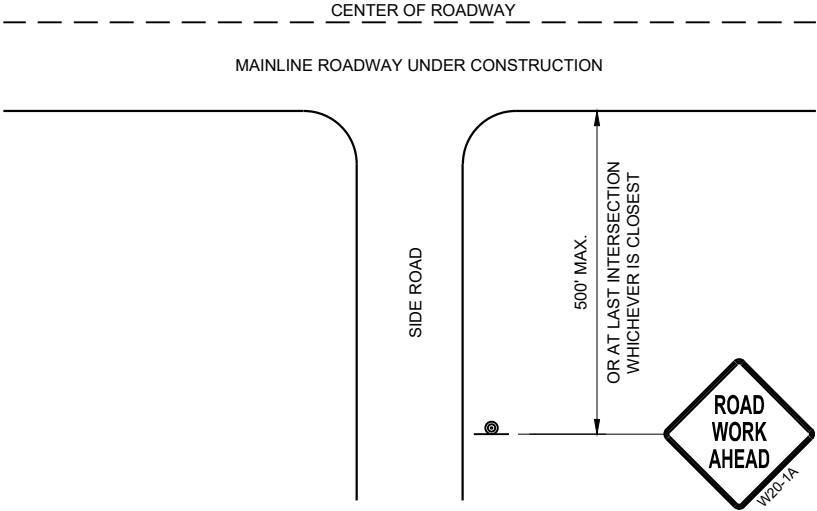
SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

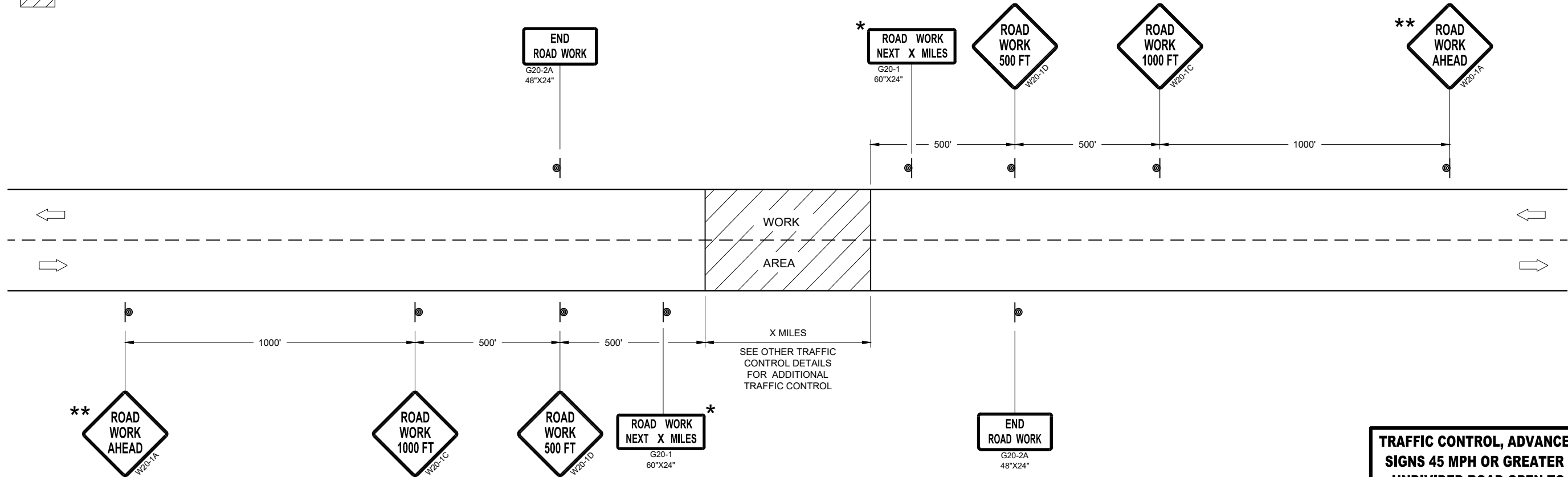
- * OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS
- ** PLACE AN ADDITIONAL W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA



TYPICAL SIDE ROAD APPROACH
WARNING SIGN DETAIL



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 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER 158
FHWA

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.

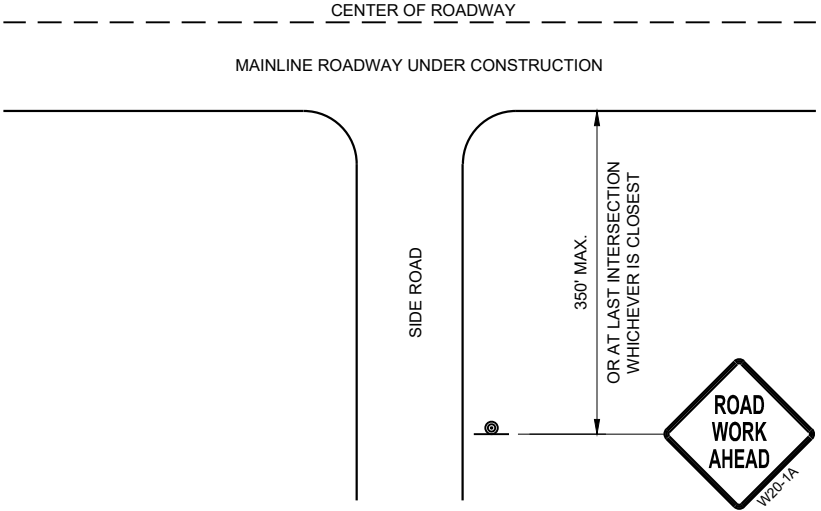
SIGNS THAT WILL BE IN PLACE LESS THAN SEVEN CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

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.

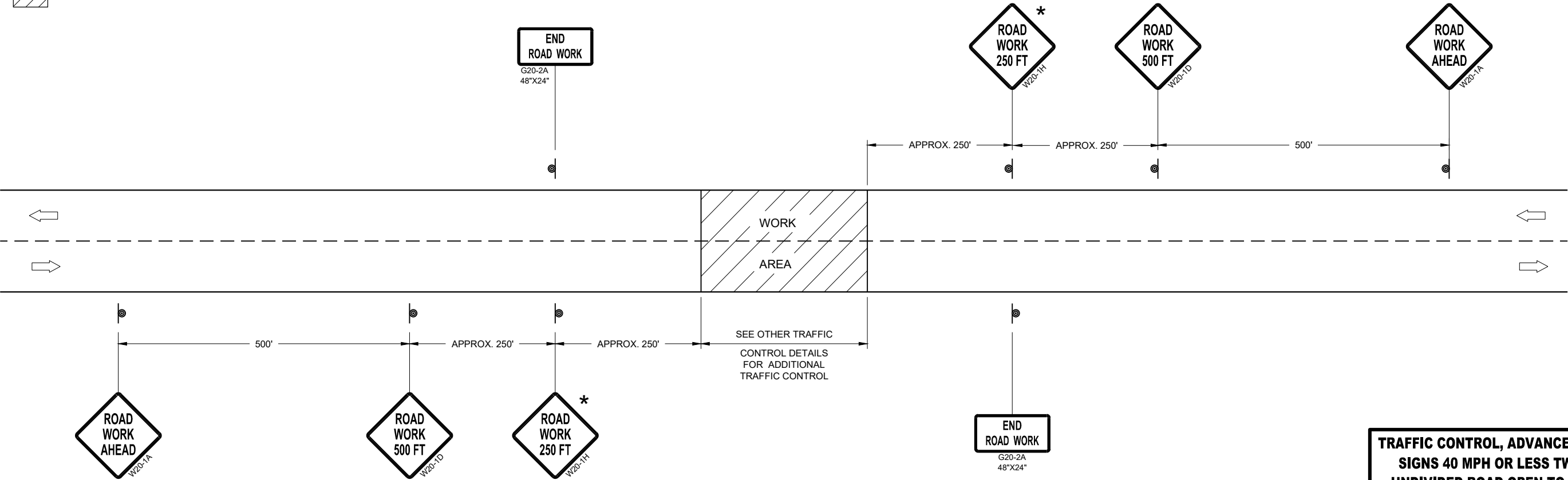
* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FEET" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.

LEGEND

-  SIGN ON PERMANENT SUPPORT
-  DIRECTION OF TRAFFIC
-  WORK AREA



TYPICAL SIDE ROAD APPROACH
WARNING SIGN DETAIL



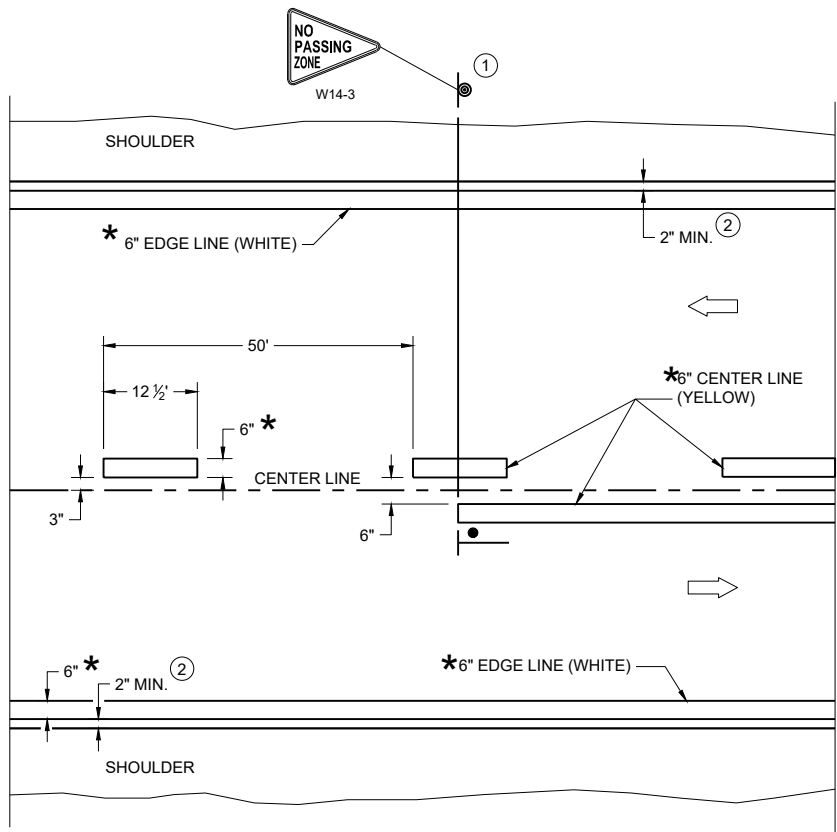
TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

TRAFFIC CONTROL, ADVANCE WARNING
SIGNS 40 MPH OR LESS TWO-WAY
UNDIVIDED ROAD OPEN TO TRAFFIC

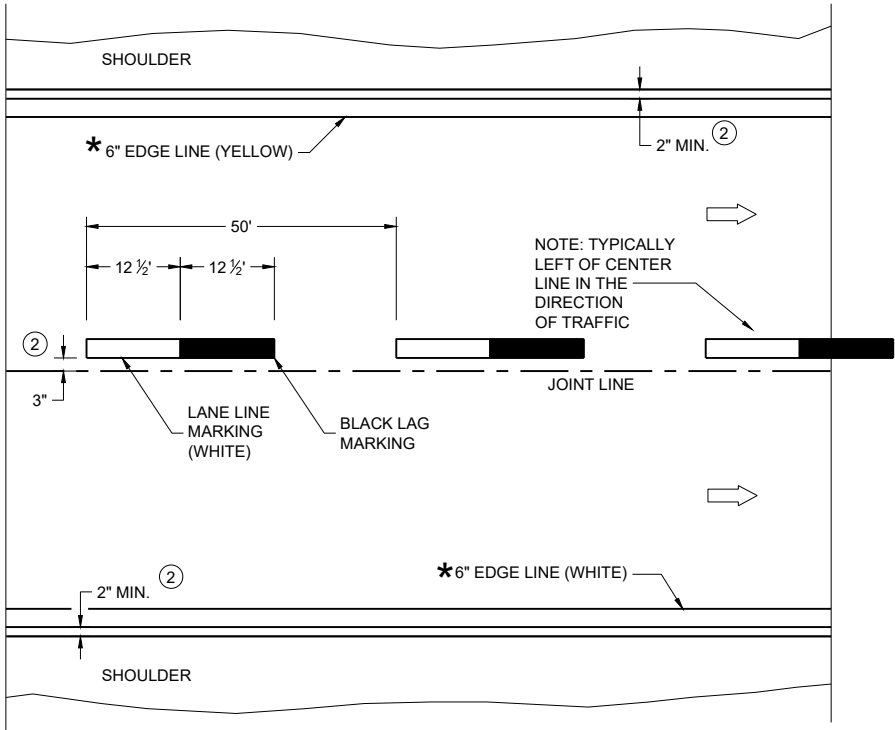
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER 159

FHWA



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

GENERAL NOTES

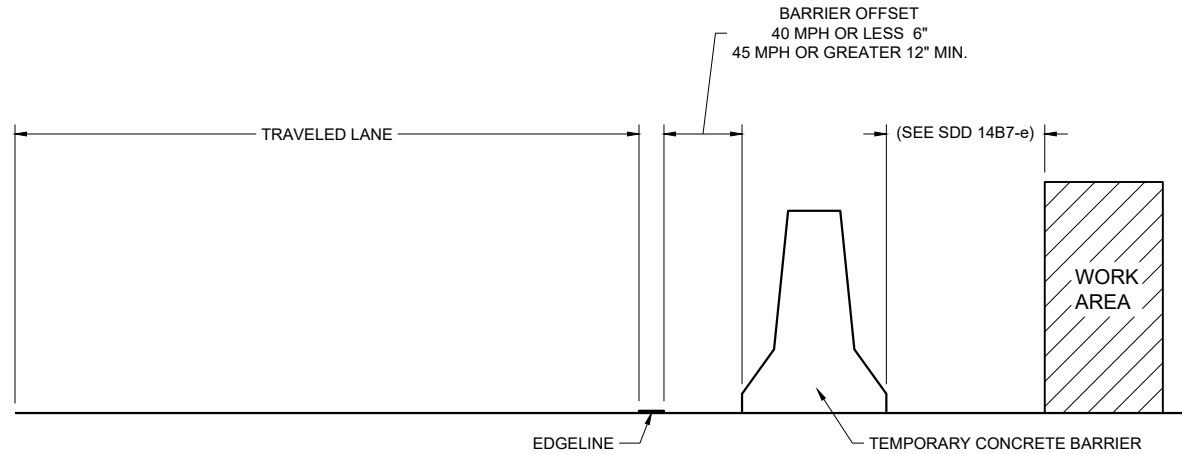
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

- 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

PERMANENT LONGITUDINAL PAVEMENT MARKINGS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED December 2024 DATE	/S/ Jeannie Silver Statewide Pavement Marking Engineer



TEMPORARY BARRIER OFFSET FROM EDGE LINE

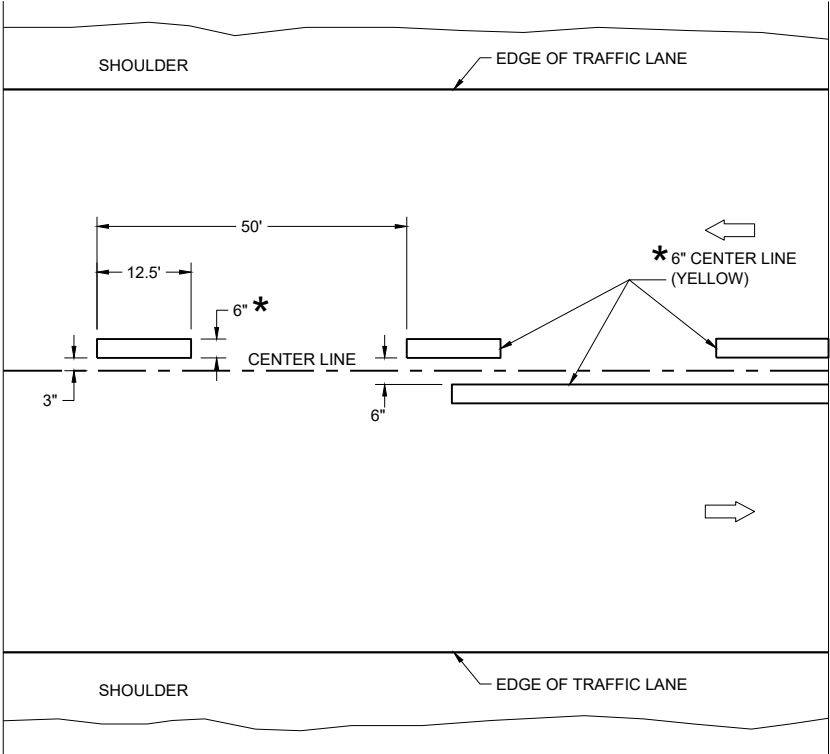
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

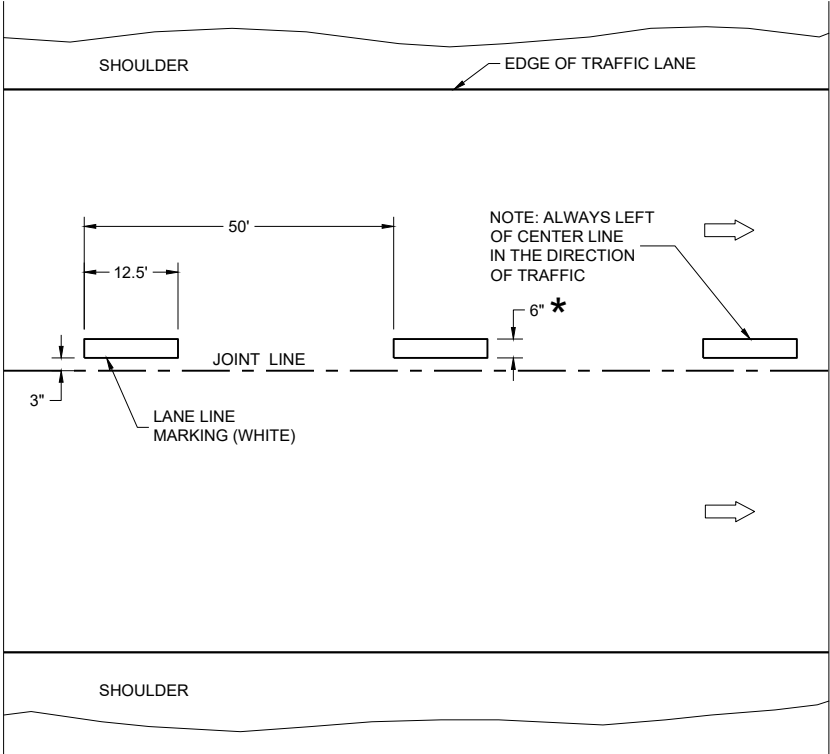
LEGEND

➡ DIRECTION OF TRAFFIC

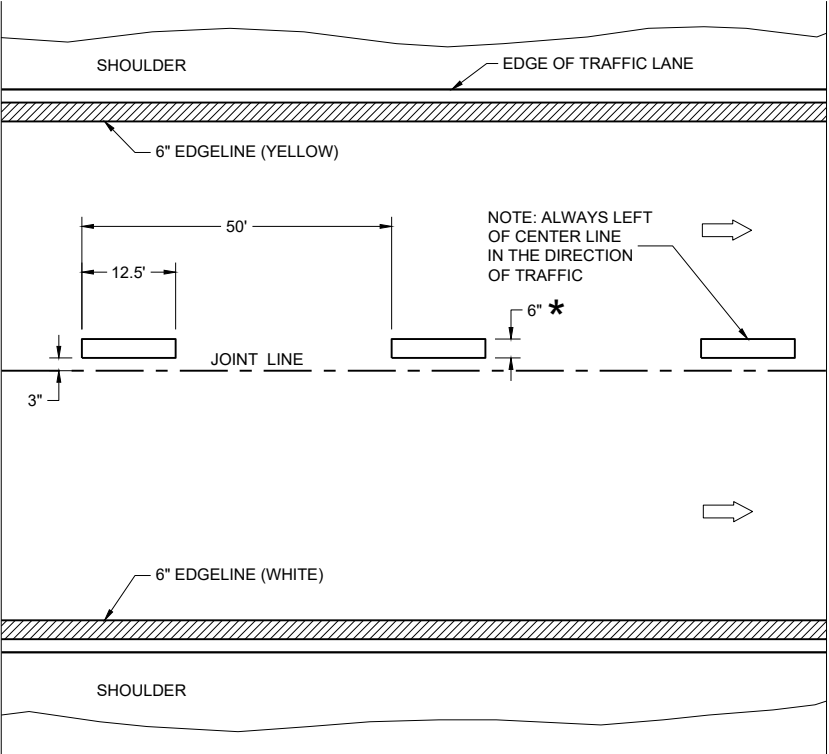
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



TWO WAY TRAFFIC



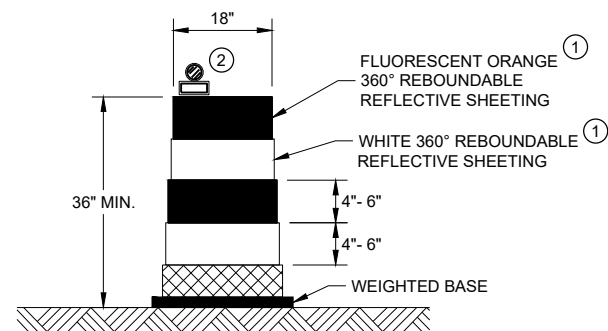
ONE WAY TRAFFIC



FREEWAYS AND EXPRESSWAYS

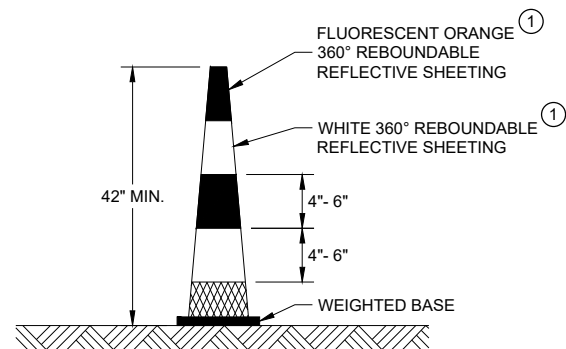
TEMPORARY PAVEMENT MARKING

TEMPORARY LONGITUDINAL PAVEMENT MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED December 2024 DATE	/S/ Jeannie Silver Statewide Pavement Marking Engineer
FHWA	161



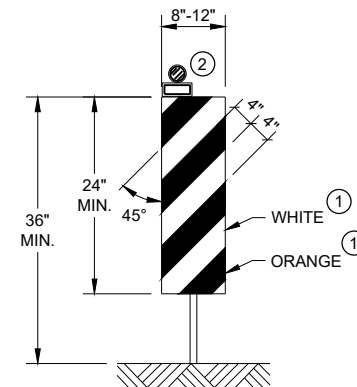
DRUM

BALLAST WIDTHS
RANGE FROM 24"-36"



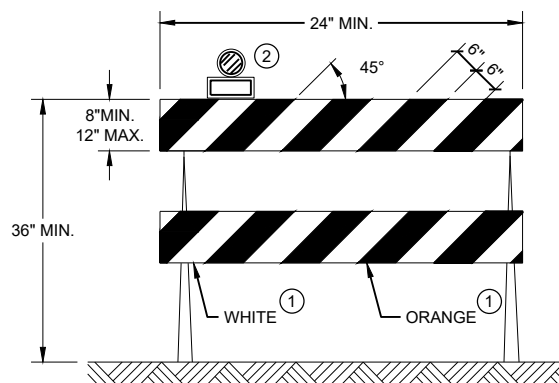
42" CONE

DO NOT USE IN TAPERS
½ SPACING OF DRUMS
BALLAST WIDTHS
RANGE FROM 14"-20"



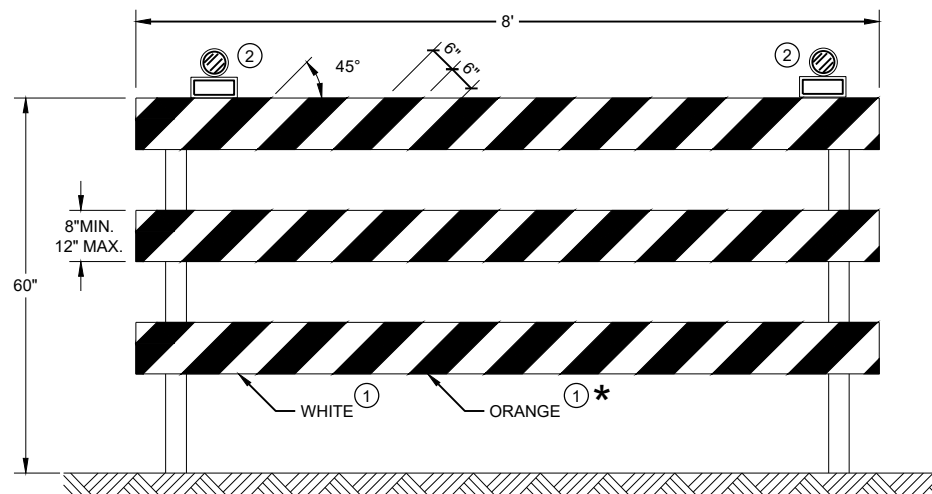
VERTICAL PANEL

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.

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.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED November 2022 DATE	/S/ Andrew Heidtke WORK ZONE ENGINEER 162
FHWA	

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

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

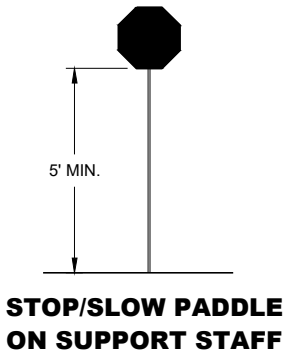
FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

- 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.

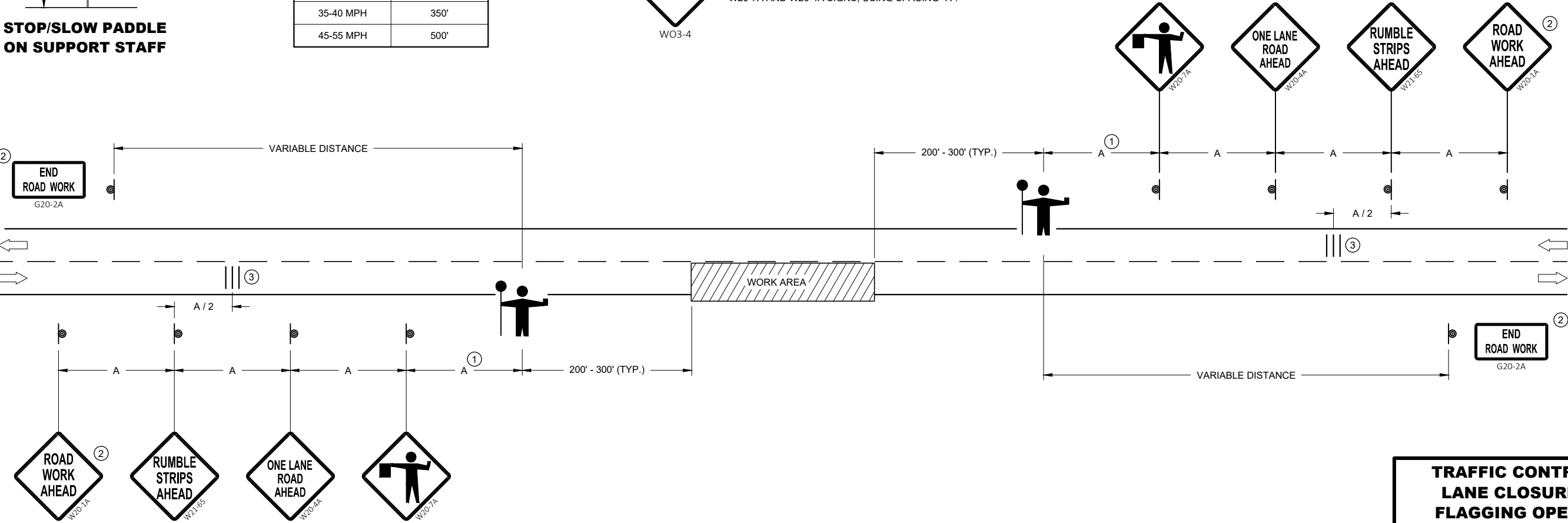


SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING "A"
25-30 MPH	200'
35-40 MPH	350'
45-55 MPH	500'



USE OF W03-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



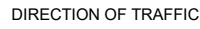
**TRAFFIC CONTROL FOR
LANE CLOSURE WITH
FLAGGING OPERATION**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER 163

FHWA

V1	LEAD VEHICLE
V2	MARKING VEHICLE
V3	SHADOW VEHICLE

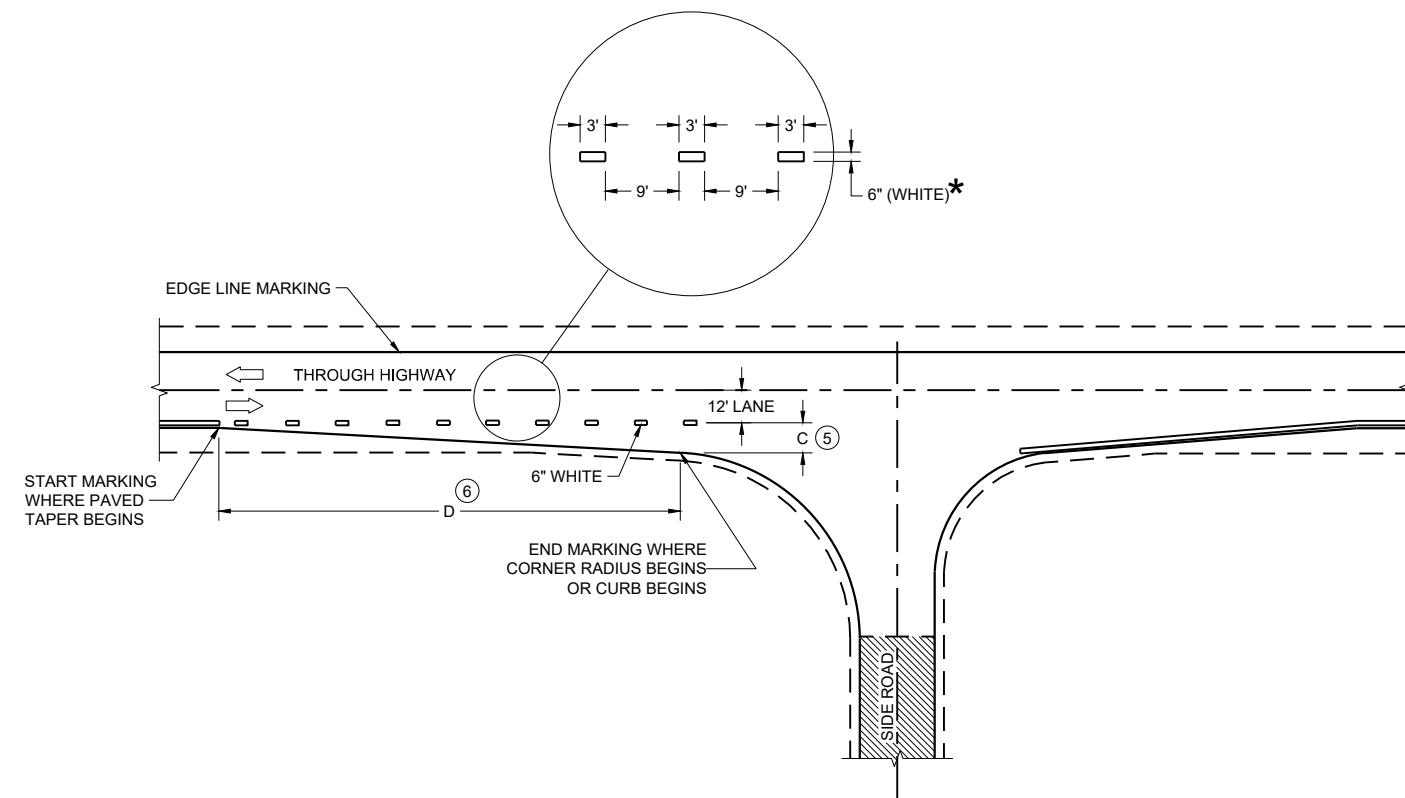


WORKERS SHALL NOT PERFORM WORK FROM ANY SHADOW OR PROTECTION VEHICLES.

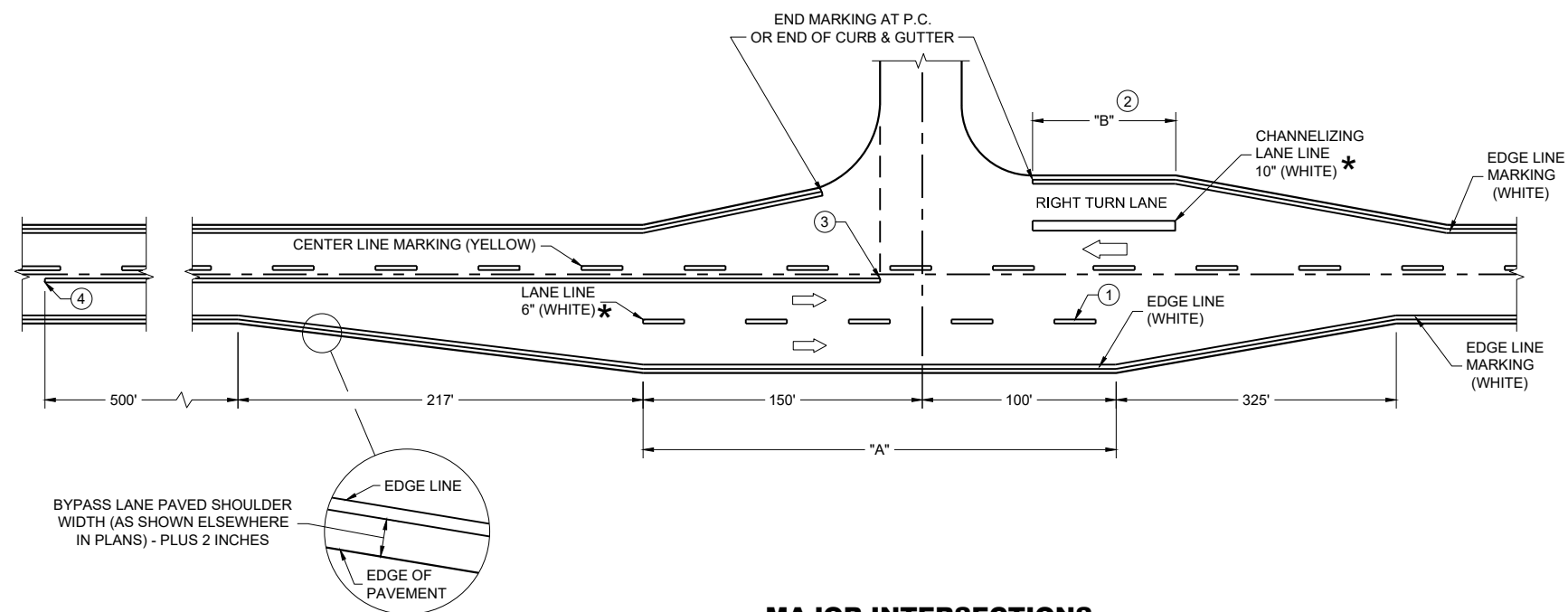
CONES SHALL BE A MINIMUM OF 28" FOR WET PAVEMENT MARKING .

- ① SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES AND AFTER EVERY MAJOR INTERSECTION.
- 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.





MINOR INTERSECTION



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

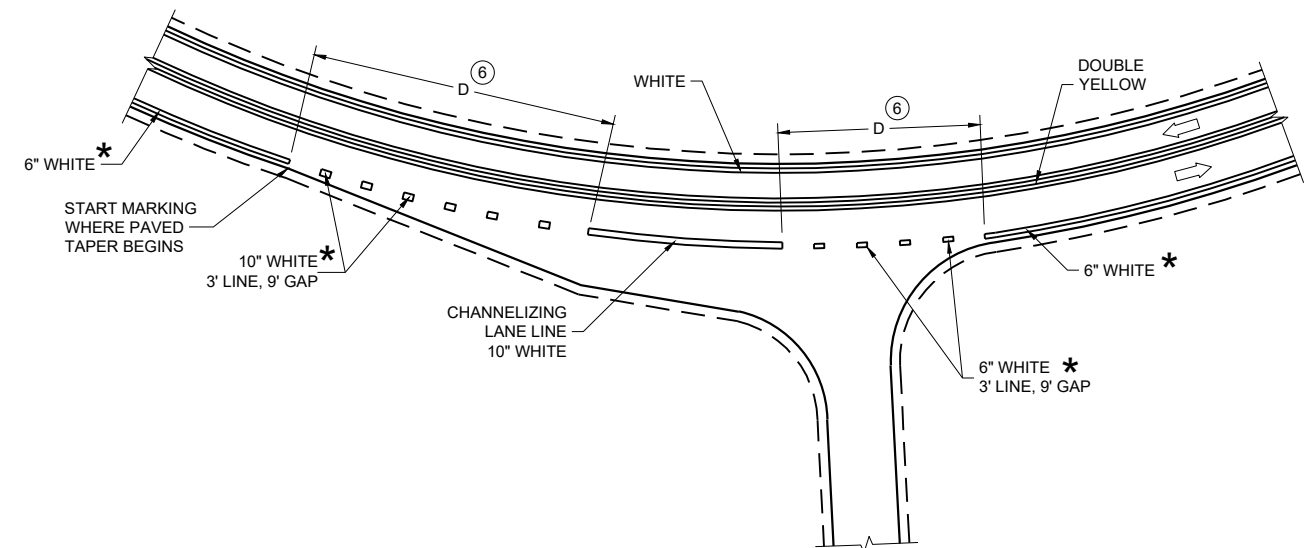
GENERAL NOTES

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)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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.

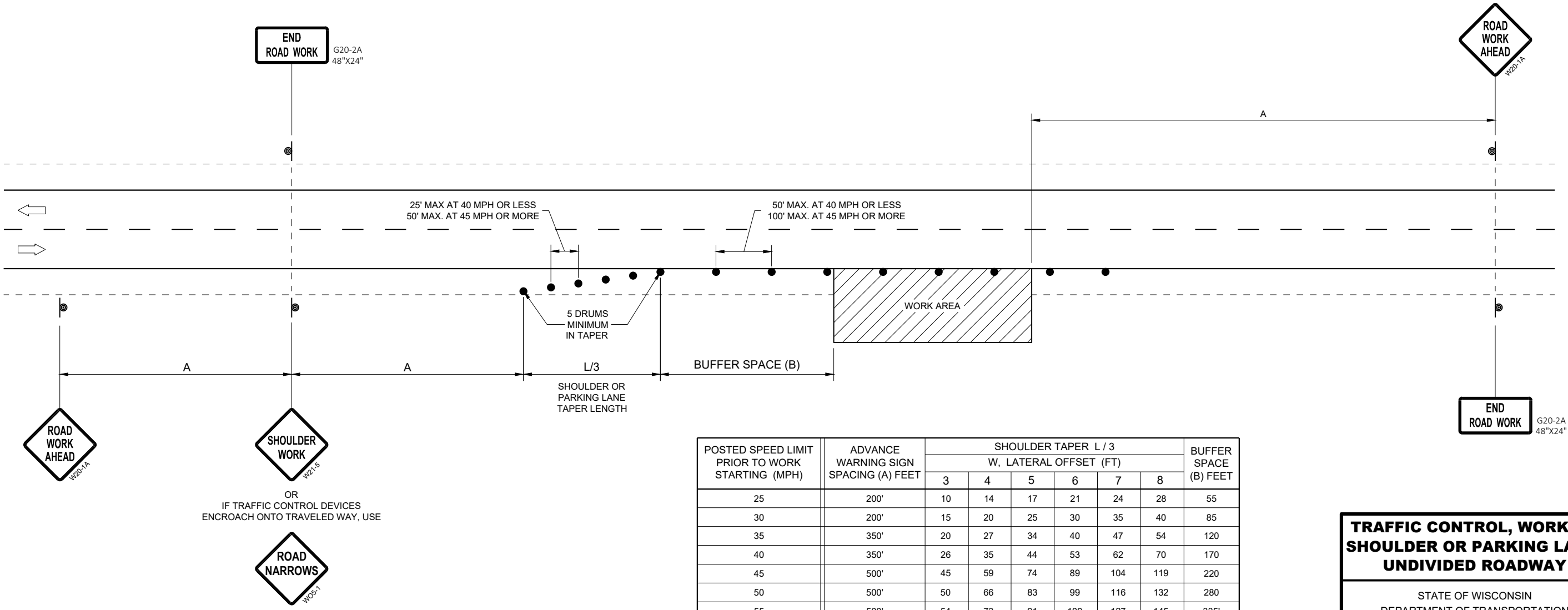
CHANNELIZING DEVICES PLACED ADJACENT TO WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

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.

6

6



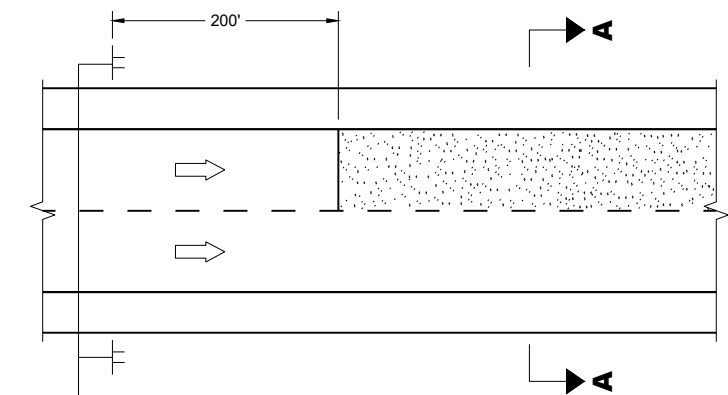
POSTED SPEED LIMIT PRIOR TO WORK STARTING (MPH)	ADVANCE WARNING SIGN SPACING (A) FEET	SHOULDER TAPER L / 3 W, LATERAL OFFSET (FT)						BUFFER SPACE (B) FEET
		3	4	5	6	7	8	
25	200'	10	14	17	21	24	28	55
30	200'	15	20	25	30	35	40	85
35	350'	20	27	34	40	47	54	120
40	350'	26	35	44	53	62	70	170
45	500'	45	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

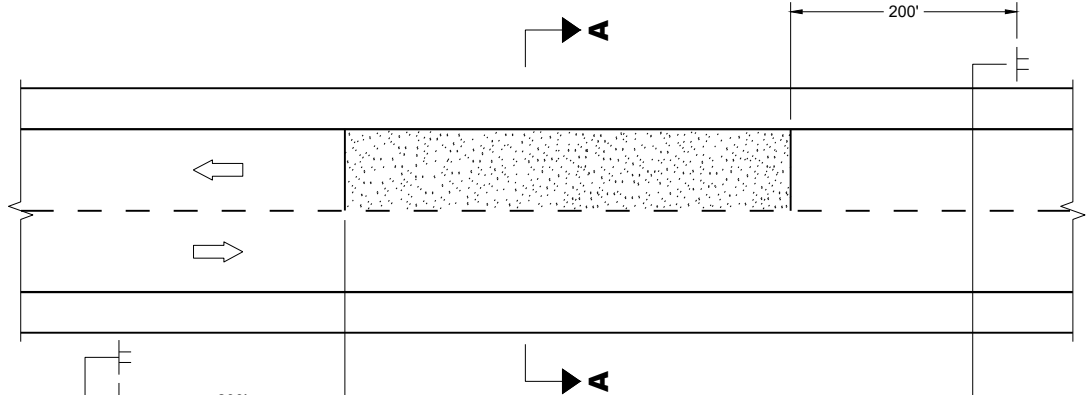
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2020 /S/ Andrew Heidtke
DATE STATEWIDE WORK ZONE T
SAFETY ENGINEER 166

FHWA



MULTI-LANE

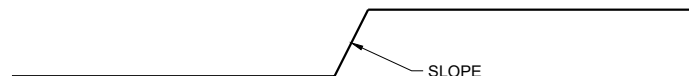


TWO-WAY TWO LANE

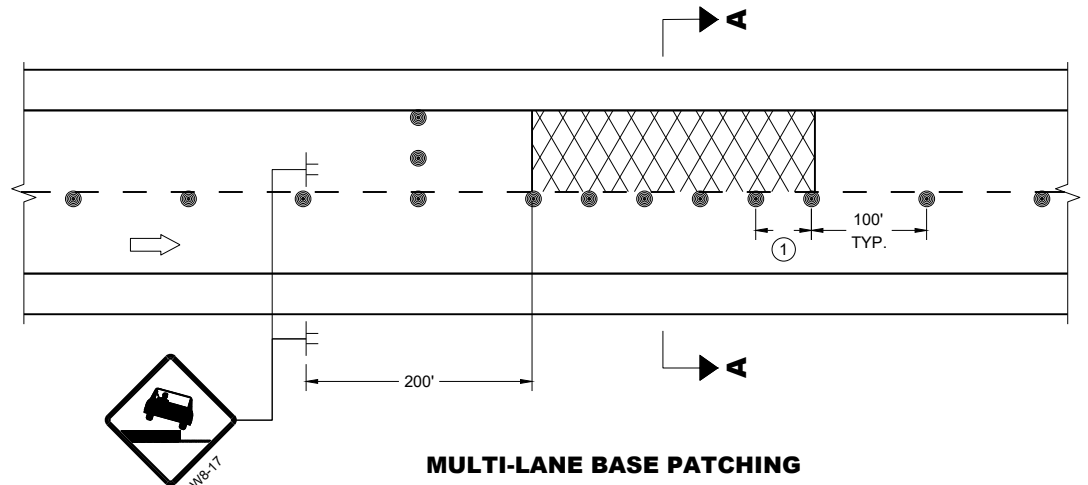


SECTION A - A

OR



SECTION A - A



MULTI-LANE BASE PATCHING

ADJACENT LANE DROP-OFFS

GENERAL NOTES

FOR SPOT LOCATIONS USE ENGINEERING JUDGEMENT WHEN PLACING ADDITIONAL SIGNS.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

"WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

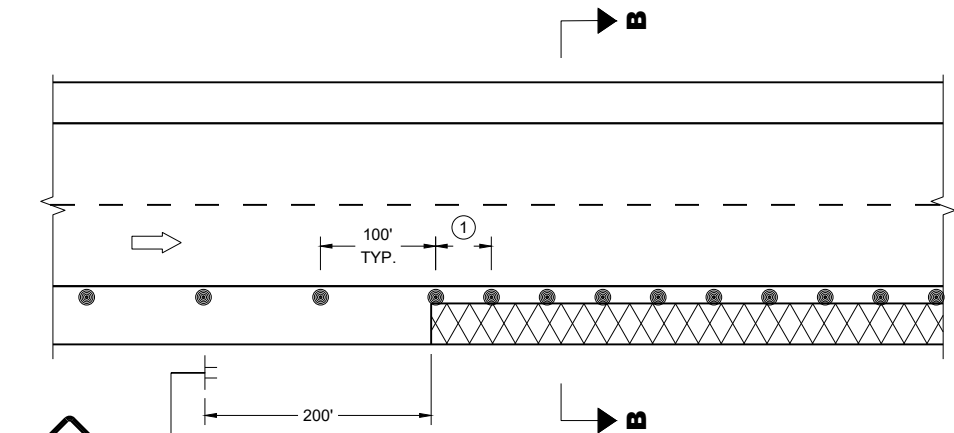
WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

★ IF THE DROP-OFF IS CONTINUOUS ALONG THE PROJECT, PLACE ADDITIONAL SIGNS EVERY 1 MILE AND AFTER EVERY ENTRANCE RAMP.

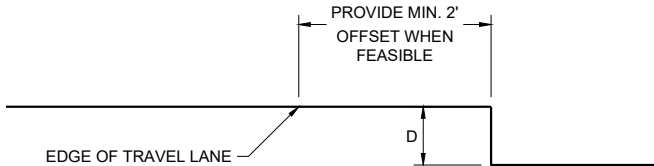
① USE CLOSER SPACING WHEN DELINEATING DROP-OFF.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- DIRECTION OF TRAFFIC
- WORK AREA WITH DROP-OFF
- MILLED SURFACE



SHOULDER DROP-OFFS



SECTION B - B

D	SIGN ③
< 2" WITH A SLOPE STEEPER THAN 3:1	LOW SHOULDER WO8-9
2" < 6" WITH A SLOPE STEEPER THAN 3:1	SHOULDER DROP - OFF W8-9A
PROVIDE A 3:1 OR FLATTER SLOPE OF MATERIAL ADJACENT TO THE PAVEMENT	

TRAFFIC CONTROL,
DROP-OFF SIGNING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
February 2025 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER
FHWA

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.

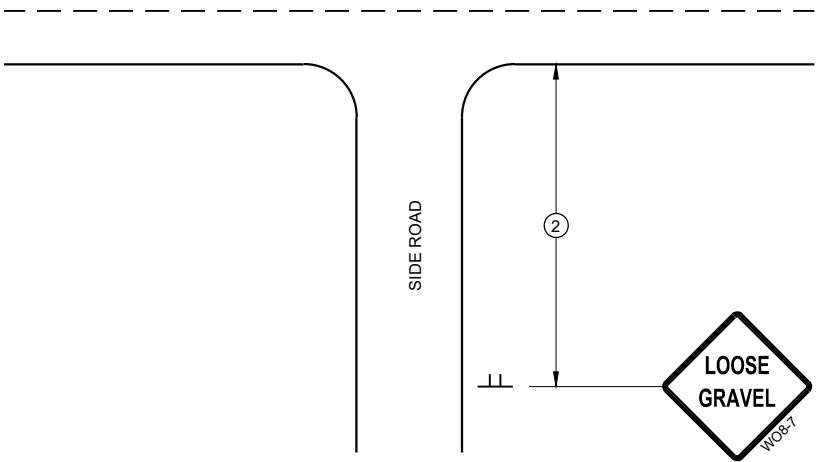
ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER.

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.

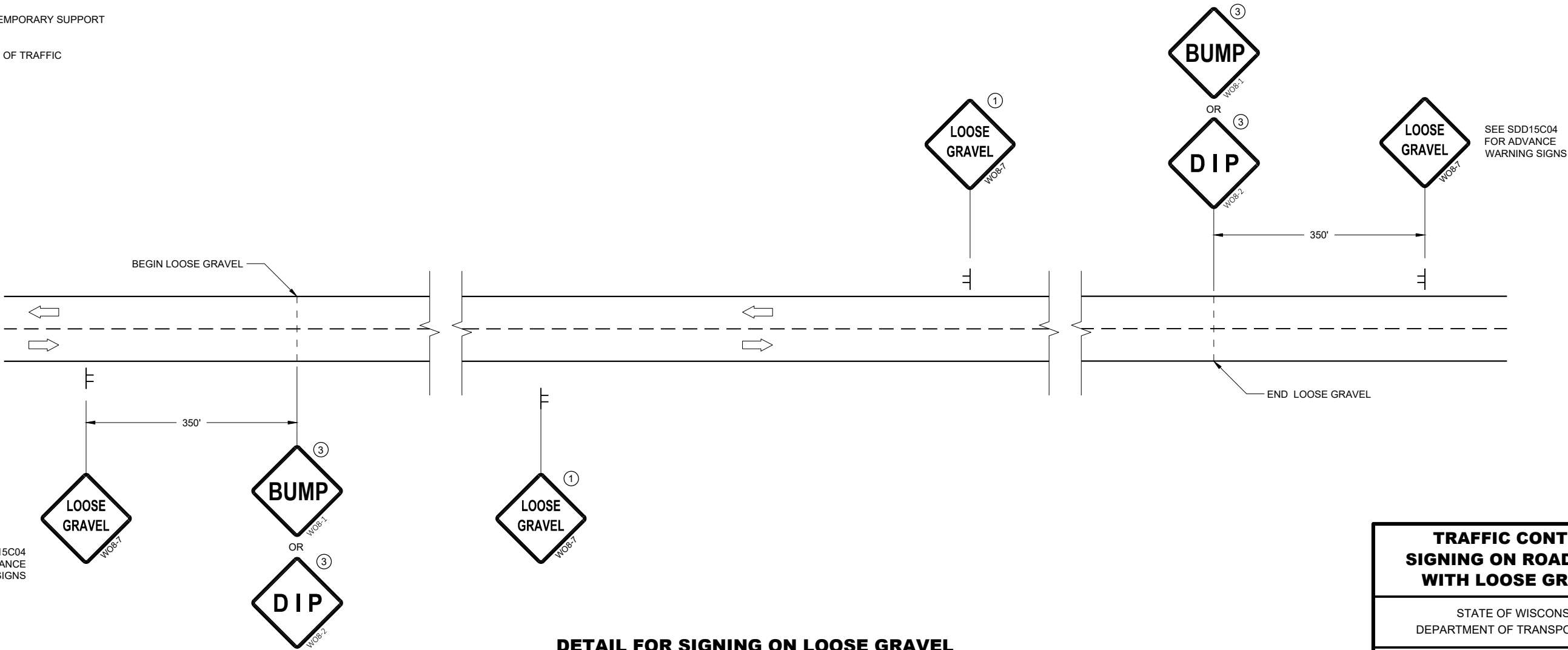
- 1 PLACE SIGNS 350' IN ADVANCE OF CHIP SEALED OR LOOSE GRAVEL SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.
- 2 PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.
- 3 ADD WO8-1 OR WO8-2 SIGN WHEN THE CONDITION IS PRESENT.

LEGEND

-  SIGN ON TEMPORARY SUPPORT
-  DIRECTION OF TRAFFIC



TYPICAL SIDE ROAD APPROACH
SIGN DETAIL



DETAIL FOR SIGNING ON LOOSE GRAVEL
OR CHIP SEALED SURFACES

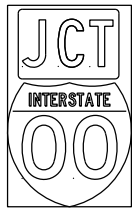
TRAFFIC CONTROL
SIGNING ON ROADWAYS
WITH LOOSE GRAVEL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

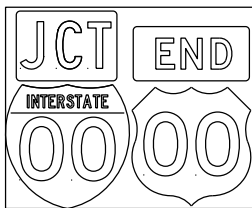
APPROVED
February 2021 /S/ Andrew Heidtke
DATE WORK ZONE ENGINEER 168

FHWA

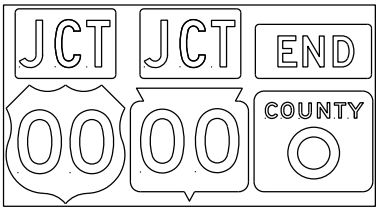
TYPICAL ASSEMBLIES



J1-1



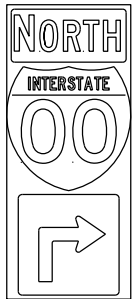
J1-2



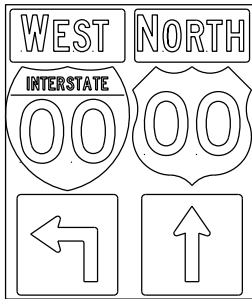
J1-3



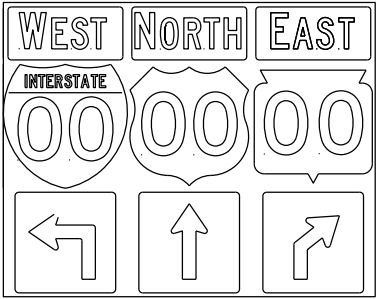
JR1-1



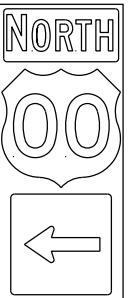
J2-1



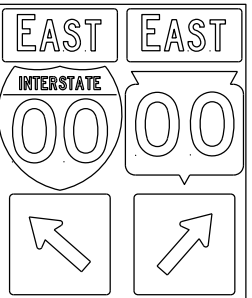
J2-2



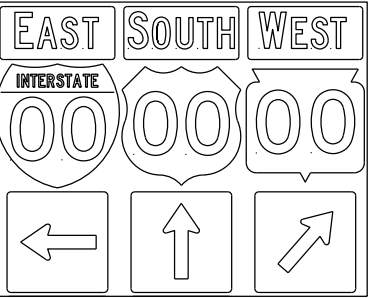
J2-3



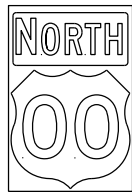
J3-1



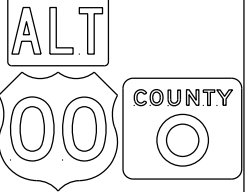
J3-2



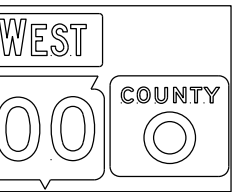
J3-3



J4-1



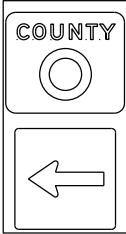
J4-2



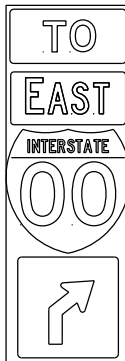
J4-2



J12-1



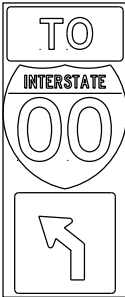
J13-1



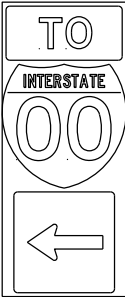
J32-1



J33-1



J22-1



J23-1



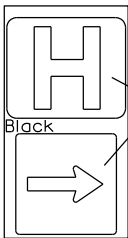
JR13-1



JR23-1



JR99-1

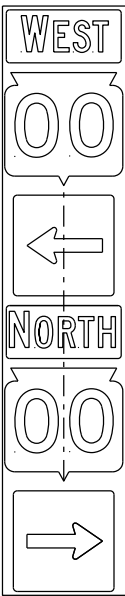
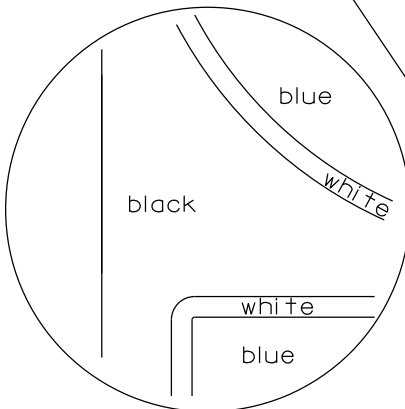


JH-1

Blue Background

Black

blue background with interstate

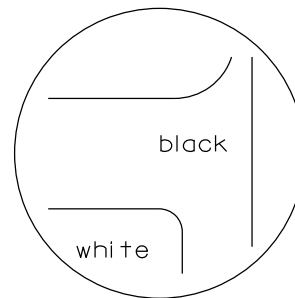
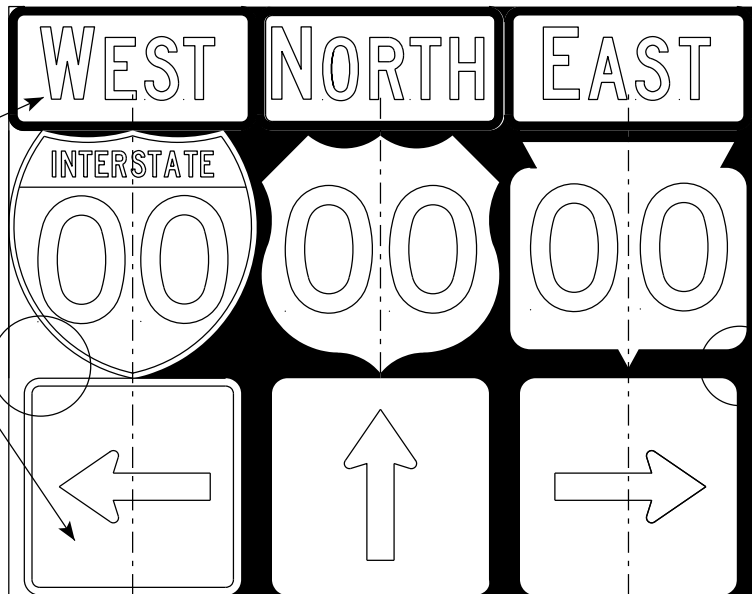


JV

(Typical Vertical J-Assembly
See Note 10 and 11)

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
Background - Black Non-reflective
Message - see Note 4
3. Message Series - See Note 4
4. The colors and message spacing on each marker shall be according to the applicable route marker panel specifications.
5. Certain marker heads require the component pieces to be the same color. As an example, all the components used with an M1-1 Interstate marker shall be blue.
6. Single panel j-assemblies shall only be used with route marker shields that are same size. If the route marker shields are different size use multiple piece component.
7. Route assemblies that have 24 inch route shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have one horizontal splice between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 inches or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
8. Route assemblies that have 36 inch shields and have dimensions greater than 48 inches (both vertical and horizontal) shall have two horizontal splices. One horizontal splice shall be between the cardinal direction and route shields and the other horizontal splice shall be between the arrows and route shields. Vertical splices shall not be used on route assemblies with a horizontal dimension of 144 or less. The contractor shall not use more than one vertical joint per sign and the joint shall be between route shields.
9. All Vertical J Assemblies are given a Sign Code of JV
10. For JV Assemblies that have a mixture of Interstate and Non-Interstate shields, arrows and cardinals shall be white on blue.
11. For JV Assemblies that have a mixture of Non-Interstate and Auto-Tour shields, arrows and cardinals shall be black on white.



black background

ROUTE MARKERS & COMPONENTS
IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

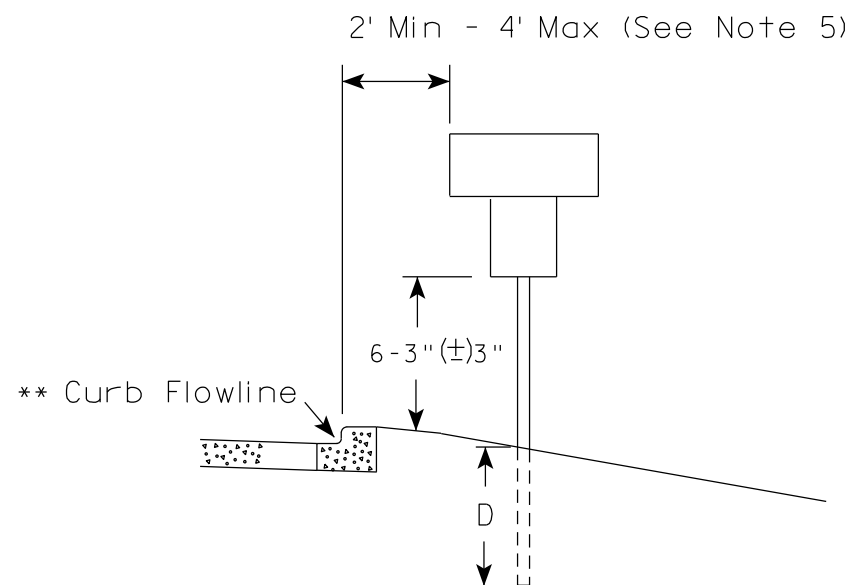
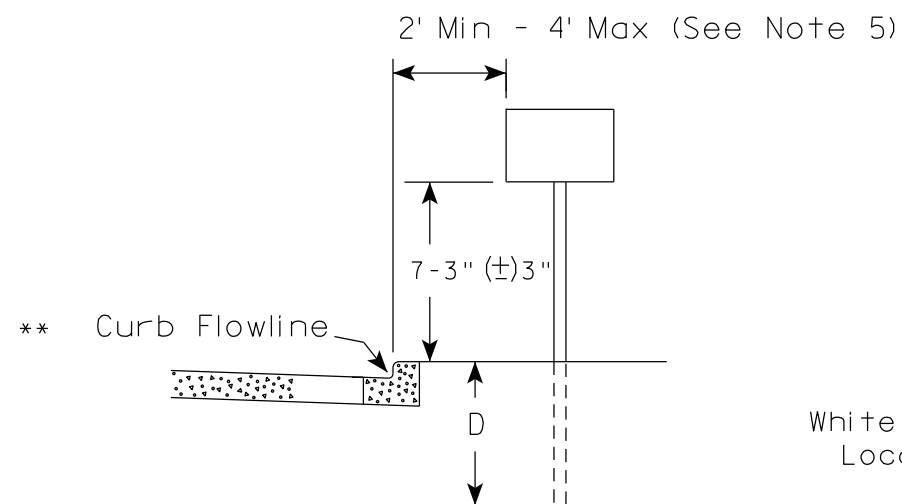
DATE 6/7/23 PLATE NO. A2-1S.10

PROJECT NO:

SHEET NO: 169

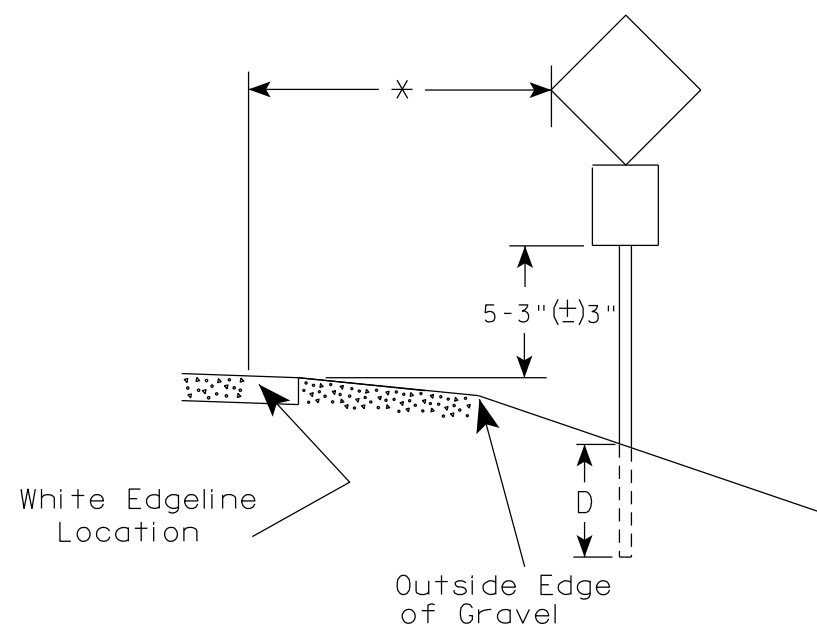
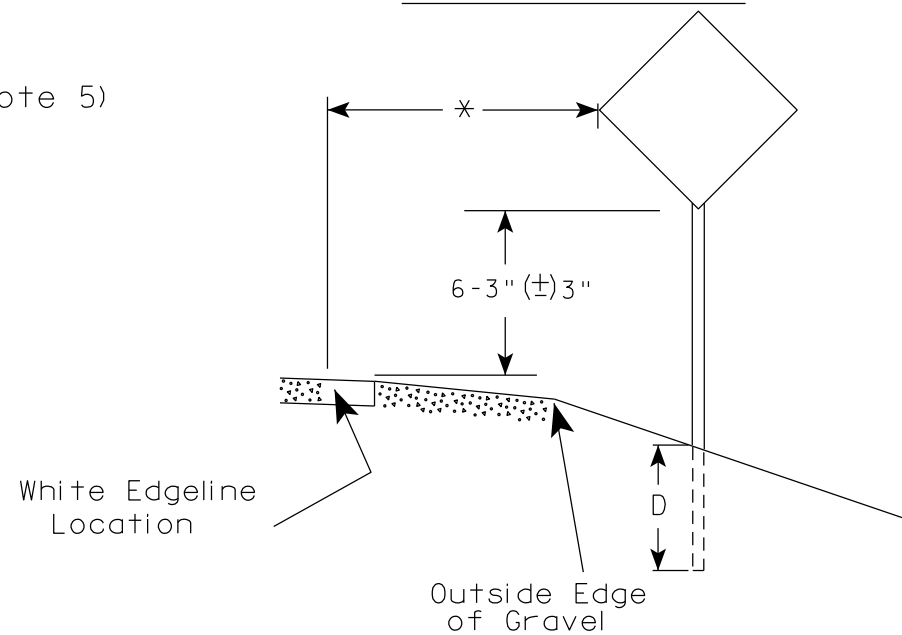
E

URBAN AREA



* * 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.

RURAL AREA (See Note 2)



* 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

- Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- 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" (±) 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" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
- Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
- Offset distance shall be consistent with existing signs or consistent throughout length of project.
- Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed 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 12/6/23

PLATE NO. A4-3.23

PROJECT NO:

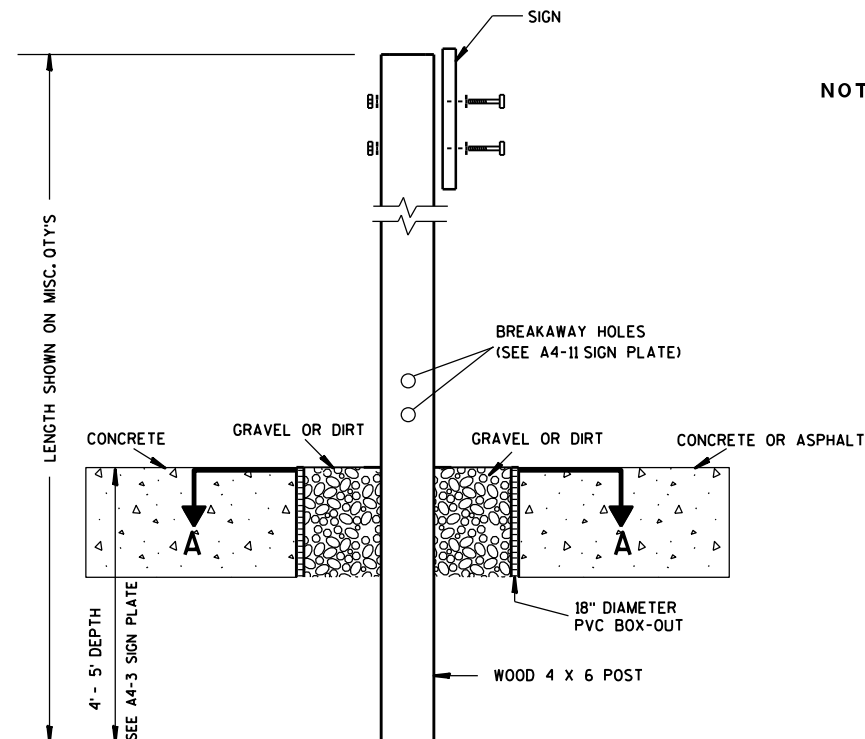
HWY:

COUNTY:

SHEET NO:

170

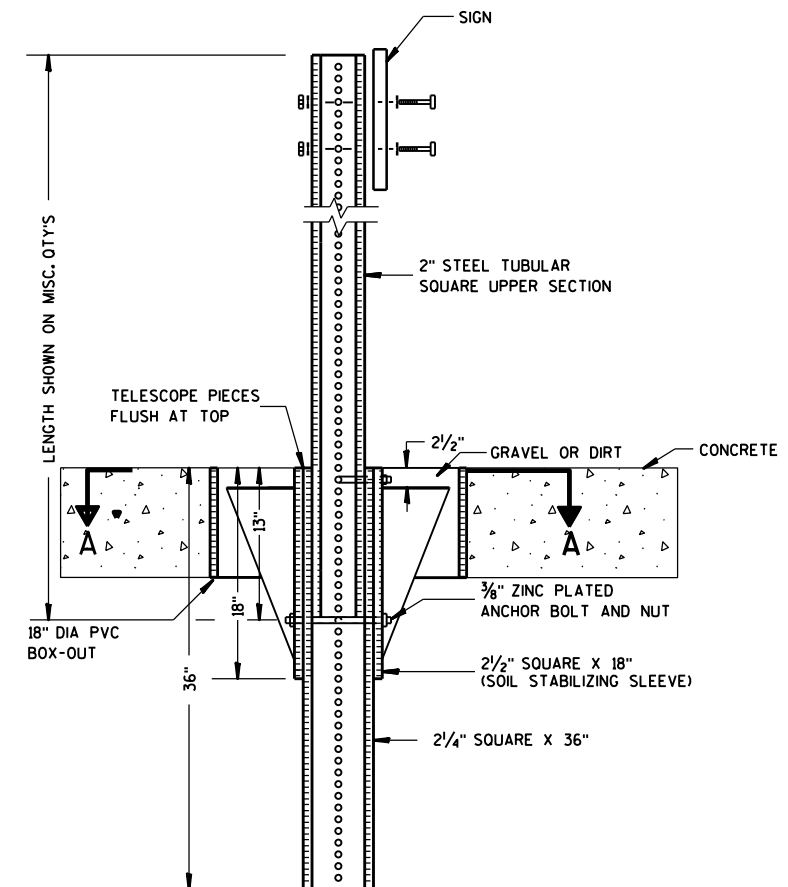
E



ELEVATION VIEW

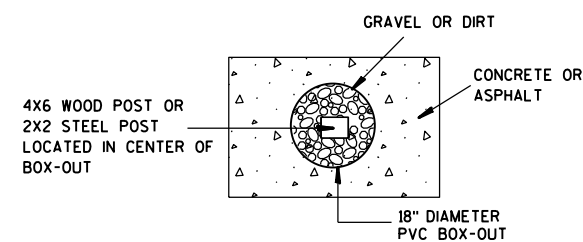
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

- 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 PLAT 171 A4-3B.1

PROJECT NO:

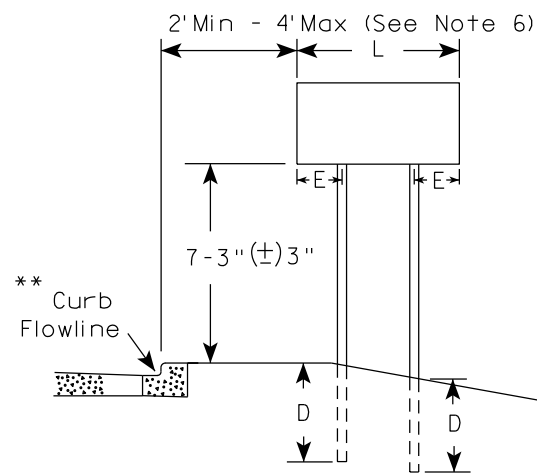
HWY:

COUNTY:

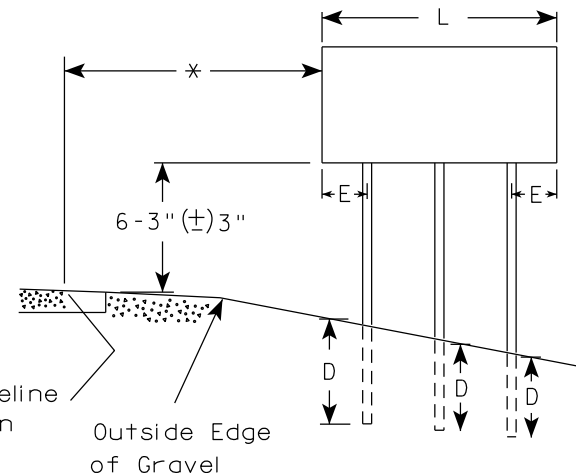
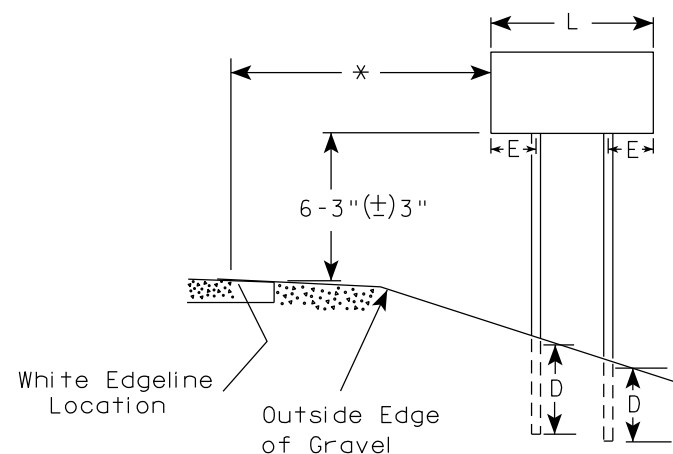
SHEET NO:

E

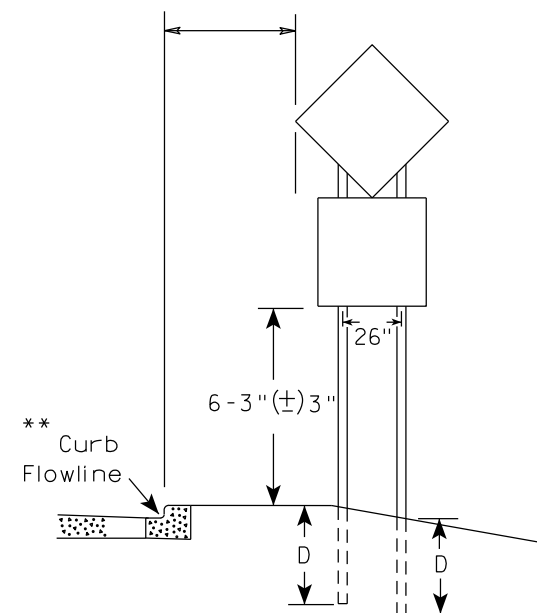
URBAN AREA



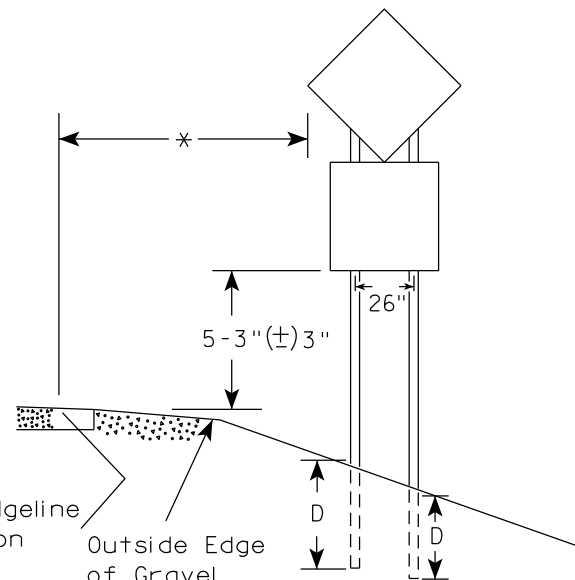
RURAL AREA (See Note 3)



2' Min - 4' Max (See Note 6)



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"

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 12/6/23 PLATE NO. A4-4.16

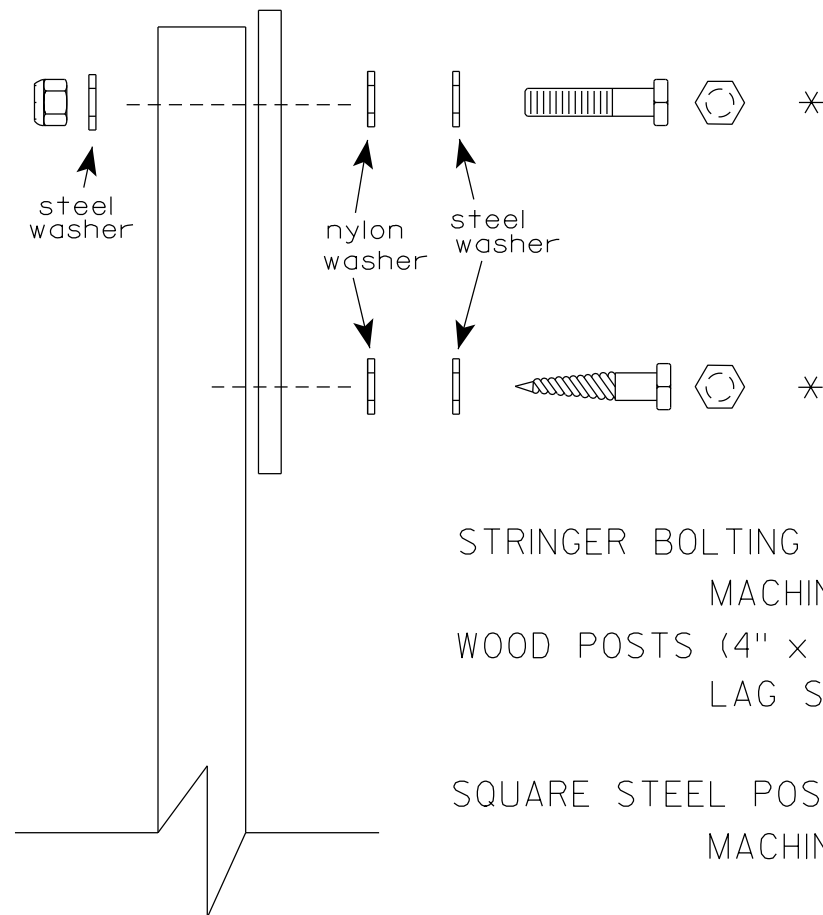
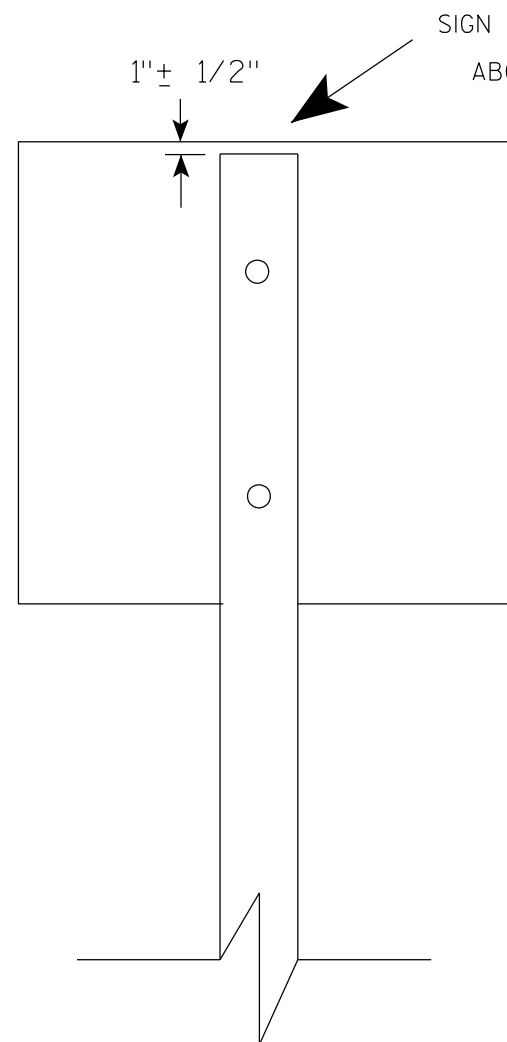
GENERAL NOTES

- For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
- See tables below for required number of posts.
- For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
- The (±) tolerance for mounting height is 3 inches.
- J-Assemblies are considered to be one sign for mounting height.
- Offset distance shall be consistent with existing signs or consistent throughout length of project.
- Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
- The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 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" (±) 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.



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.

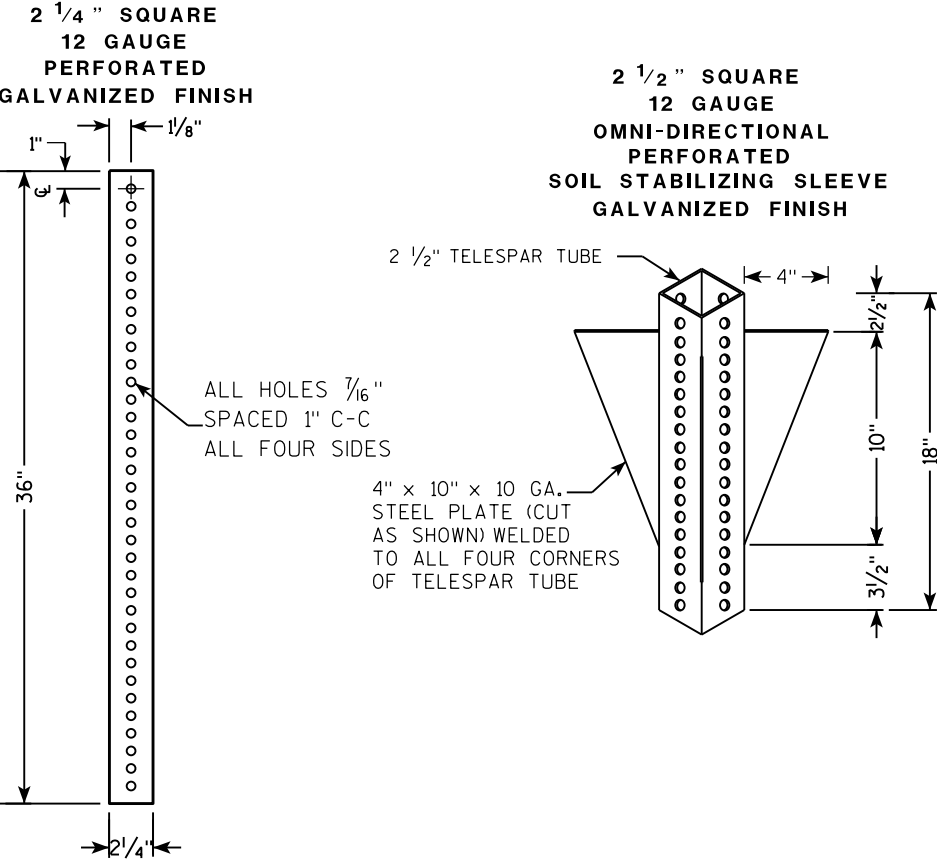
Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

- STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
- MACHINE BOLTS - $\frac{5}{16}$ " X 1-3/4" Length w/ lock nuts
- WOOD POSTS (4" x 6")
- LAG SCREWS - $\frac{3}{8}$ " X 3" (NO STRINGERS ON BACK OF SIGN)
 $\frac{3}{8}$ " X 4" (STRINGERS ON BACK OF SIGN)
- SQUARE STEEL POSTS (2" x 2")
- MACHINE BOLTS - $\frac{3}{8}$ " X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
 $\frac{3}{8}$ " X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)
- RIVETS - $\frac{9}{32}$ " (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 $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL
 - 1-1/4" O.D. X $\frac{3}{8}$ " I.D. X .080 NYLON

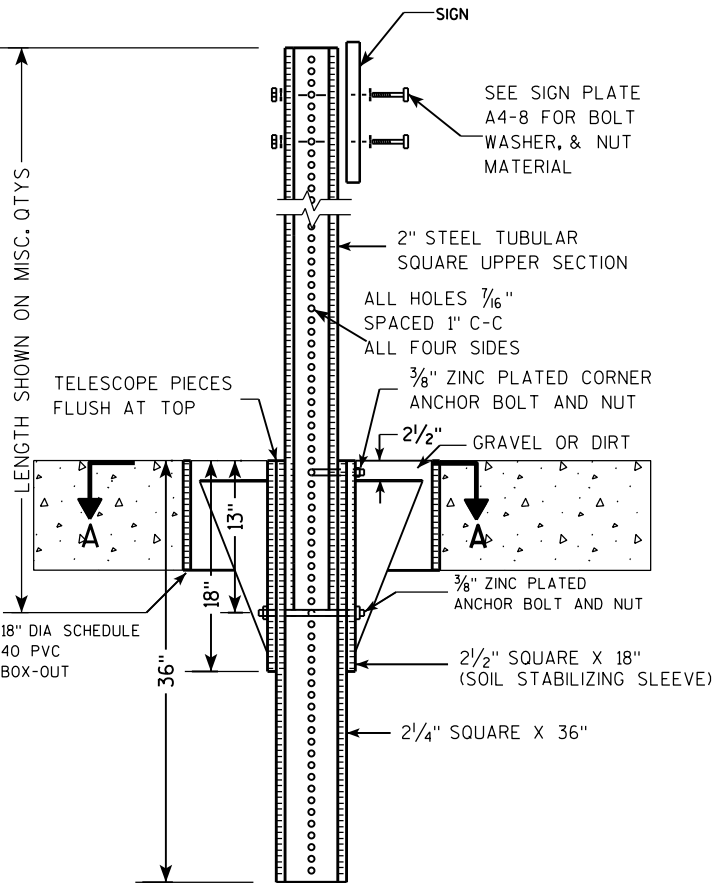
* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> For State Traffic Engineer
DATE 4/1/2020	PLATE NO. A4-8.9

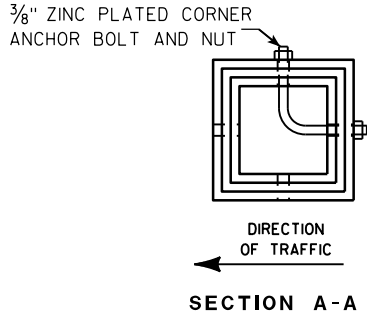
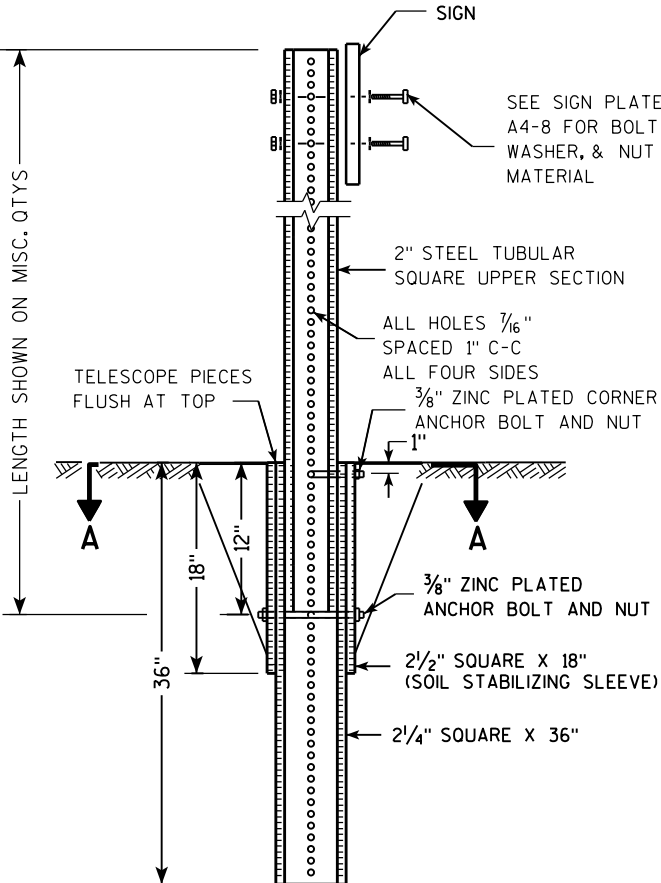
TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM



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)



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).

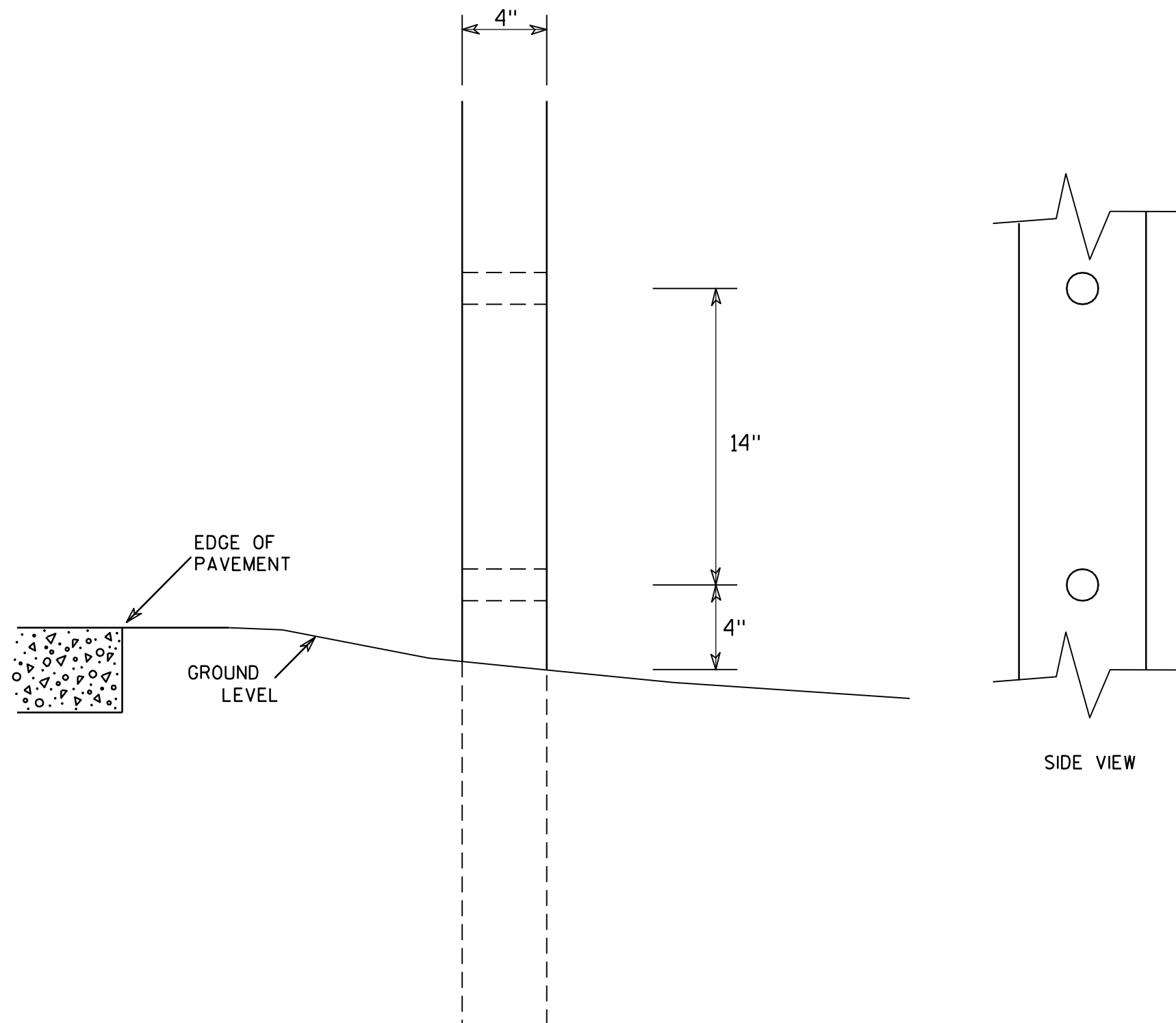
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 2/05/15 PLAT 174 14-9.9

7



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

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

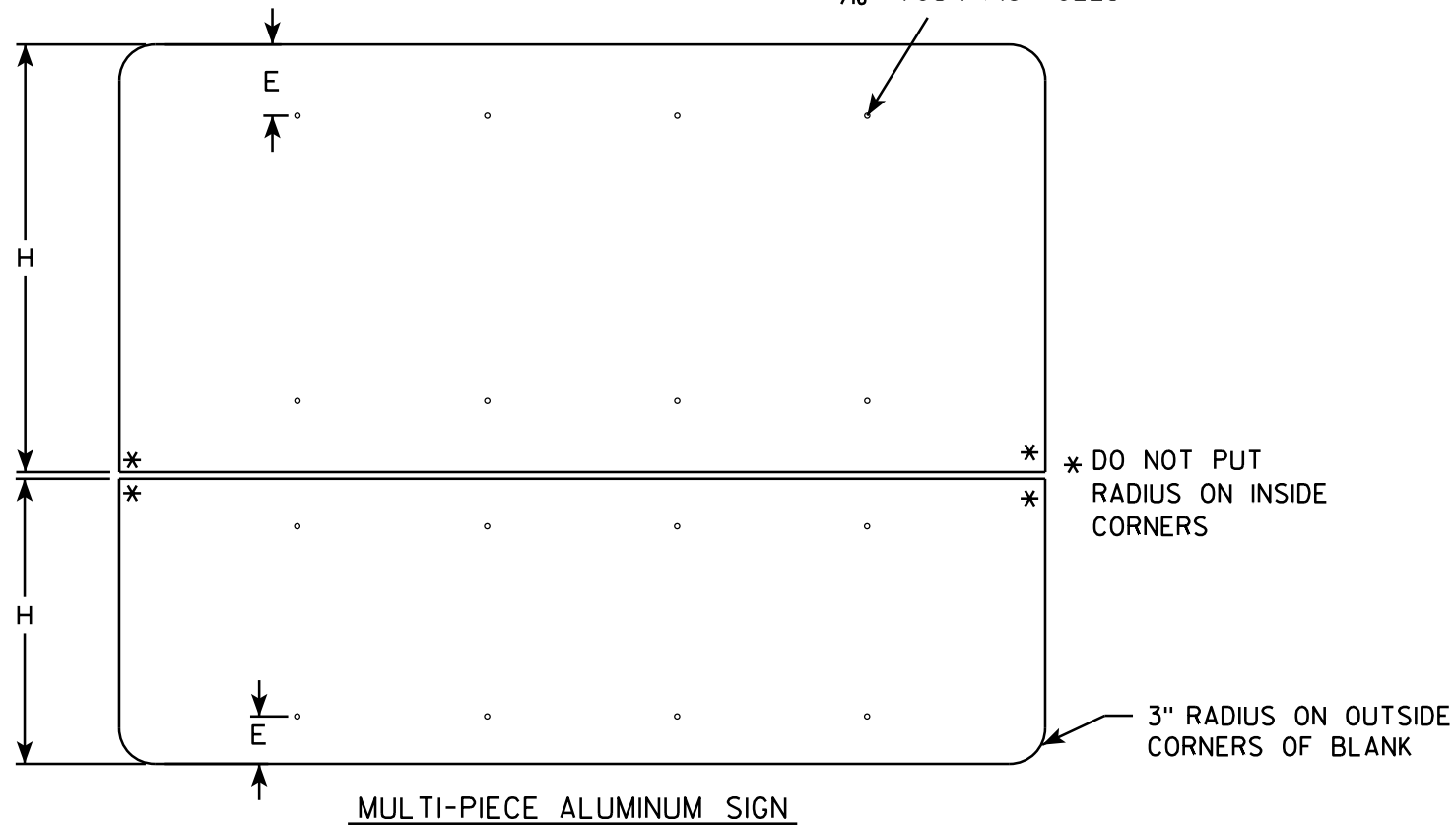
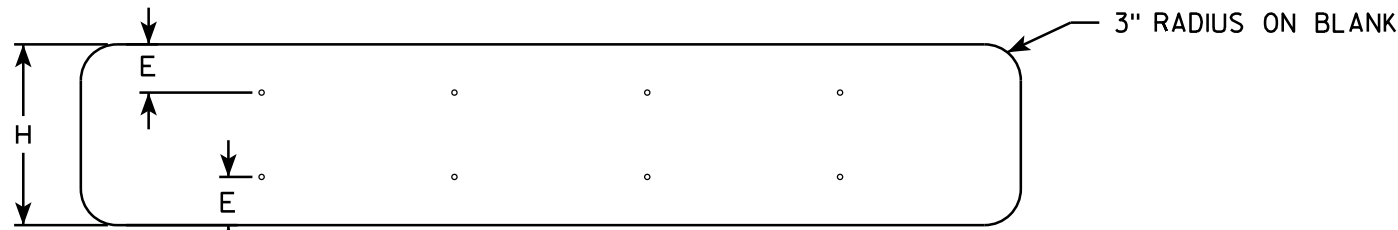
PROJECT NO:

HWY:

COUNTY:

SHEET NO: 175

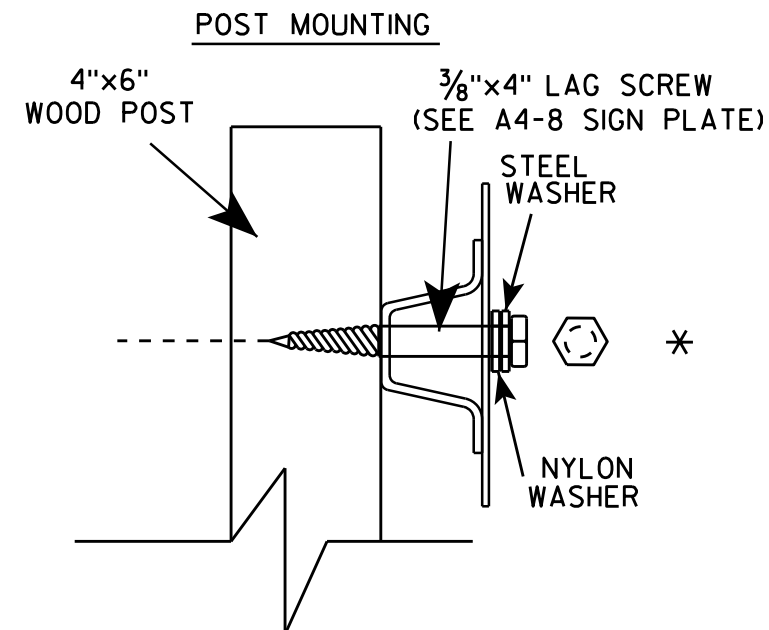
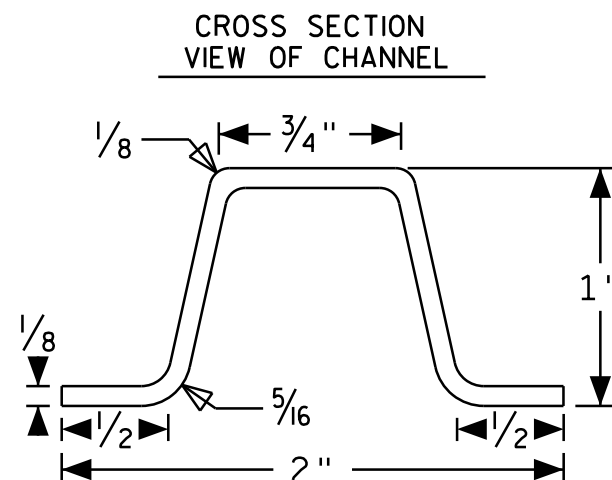
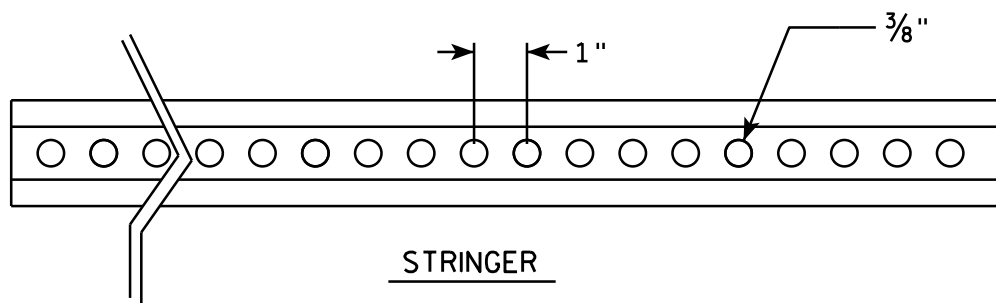
E



GENERAL NOTES

- ALL SIGNS OVER 60" IN WIDTH SHALL HAVE A 3" RADIUS ON THE OUTSIDE CORNERS OF THE ALUMINUM BLANK.
- MOUNTING HOLES SHALL BE $\frac{7}{16}$ " DIAMETER.
- SEE CHART FOR HOLE SPACING REQUIREMENTS
- FOR SIGN PANELS WITH DIMENSION (H) 36" AND OVER, DIMENSION E SHALL BE 6"
- FOR SIGN PANELS WITH DIMENSION (H) UNDER 36", DIMENSION E SHALL BE 4"
- SIGN STRINGER MATERIAL SHALL CONSIST OF STEEL CHANNEL POST SECTIONS, WEIGHING 1.12 LBS/FT IN ACCORDANCE WITH SECTION 633.2.1 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.
- SEE SIGN PLATE A4-8 FOR SIGN STRINGER BOLTING REQUIREMENTS.

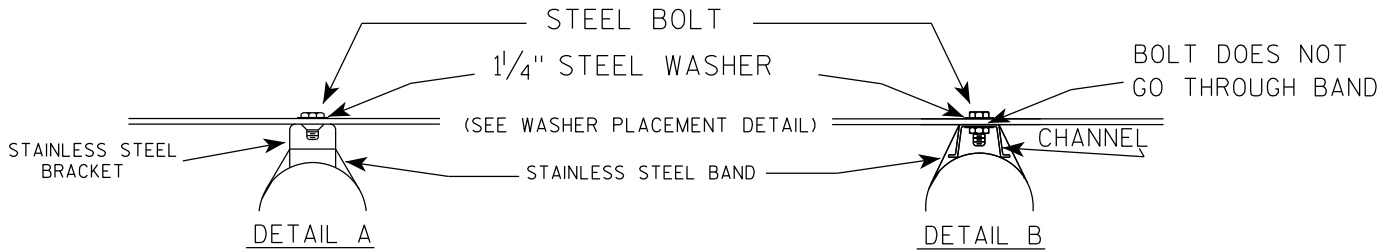
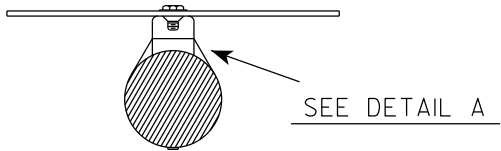
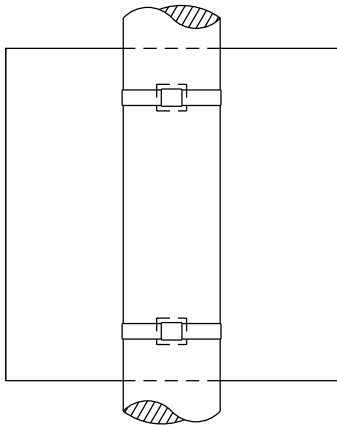
SIGN WIDTH	STRINGER WIDTH	POSTS	HOLE SPACING	MOUNTING HOLES			
78"	72"	2	16"	15"	31"	47"	63"
84"	72"	2	17"	16 $\frac{1}{2}$ "	33 $\frac{1}{2}$ "	50 $\frac{1}{2}$ "	67 $\frac{1}{2}$ "
90"	72"	2	18"	18"	36"	54"	72"
96"	90"	2	19"	19 $\frac{1}{2}$ "	38 $\frac{1}{2}$ "	57 $\frac{1}{2}$ "	76 $\frac{1}{2}$ "
102"	90"	2	20"	21"	41"	61"	81"
108"	90"	2	21"	22 $\frac{1}{2}$ "	43 $\frac{1}{2}$ "	64 $\frac{1}{2}$ "	85 $\frac{1}{2}$ "
114"	108"	3	15"	12"	27"	42"	57" 72" 87" 102"
120"	108"	3	16"	12"	28"	44"	60" 76" 92" 108"
126"	108"	3	17"	12"	29"	46"	63" 80" 97" 114"
132"	126"	3	18"	12"	30"	48"	66" 84" 102" 120"
138"	126"	3	19"	12"	31"	50"	69" 88" 107" 126"
144"	126"	3	20"	12"	32"	52"	72" 92" 112" 132"



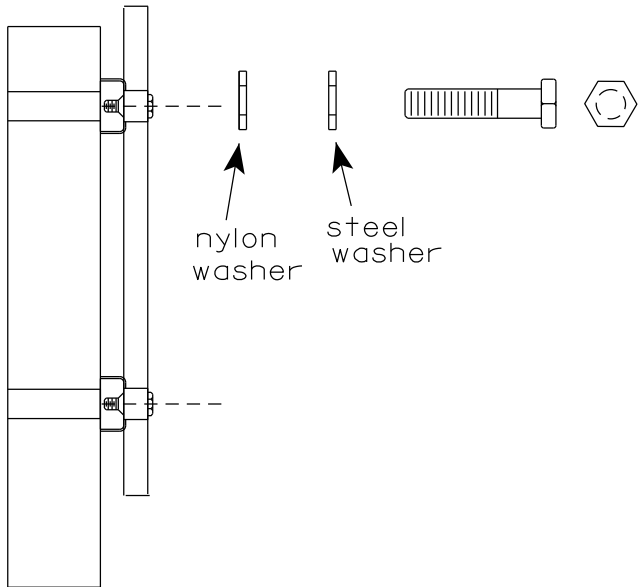
SIGN STRINGER MOUNTING REQUIREMENTS	
WISCONSIN DEPT OF TRANSPORTATION	
APPROVED	<i>Matthew R. Rauch</i> for State Traffic Engineer
DATE 4/26/16	PLATE No. A4-18.1 176

BANDING

SINGLE SIGN



WASHER PLACEMENT

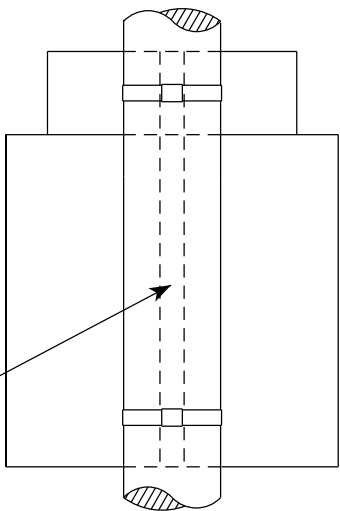


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

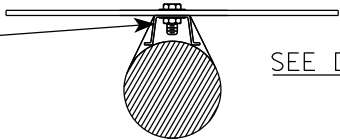
GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be 3/4" in width and 0.025" thickness.
4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



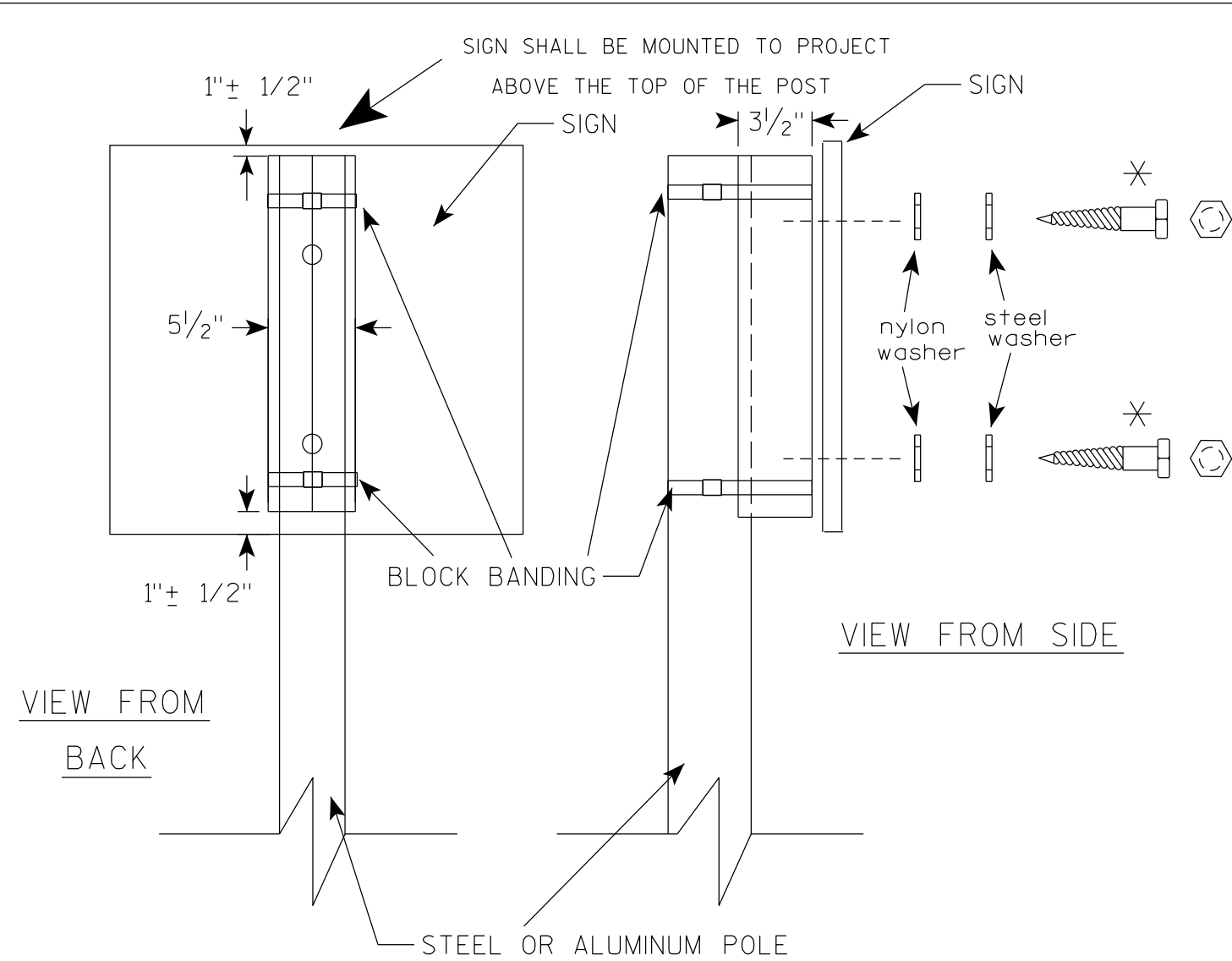
CHANNEL
SEE TYPICAL PANEL
INSTALLATION SHEET



STANDARD SIGN
SIGN BANDING DETAILS

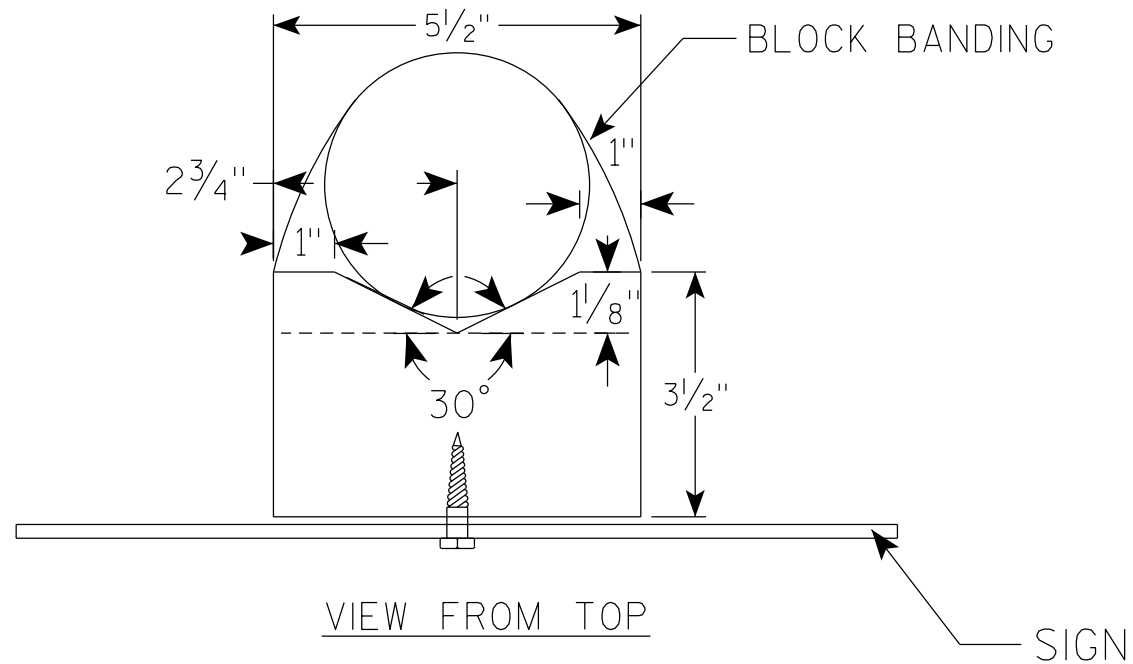
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer
DATE 6/10/19 PLATE NO. A5-9.4



VIEW FROM
BACK

VIEW FROM SIDE



VIEW FROM TOP

GENERAL NOTES

1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WISDOT STANDARD SPECIFICATIONS
2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, $\frac{3}{4}$ " WIDTH AND 0.025" THICKNESS
3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS. SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORMALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3
6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
7. STEEL WASHERS SHALL BE $\frac{1}{4}$ " O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ "
8. NYLON WASHERS SHALL BE $\frac{1}{4}$ " O.D. X $\frac{3}{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✱ LAG BOLTS SHALL BE $\frac{3}{8}$ " X $2\frac{1}{2}$ "

BLOCK BANDING DETAIL
(V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 4/19/2022 PLATE NO. A5-10.3

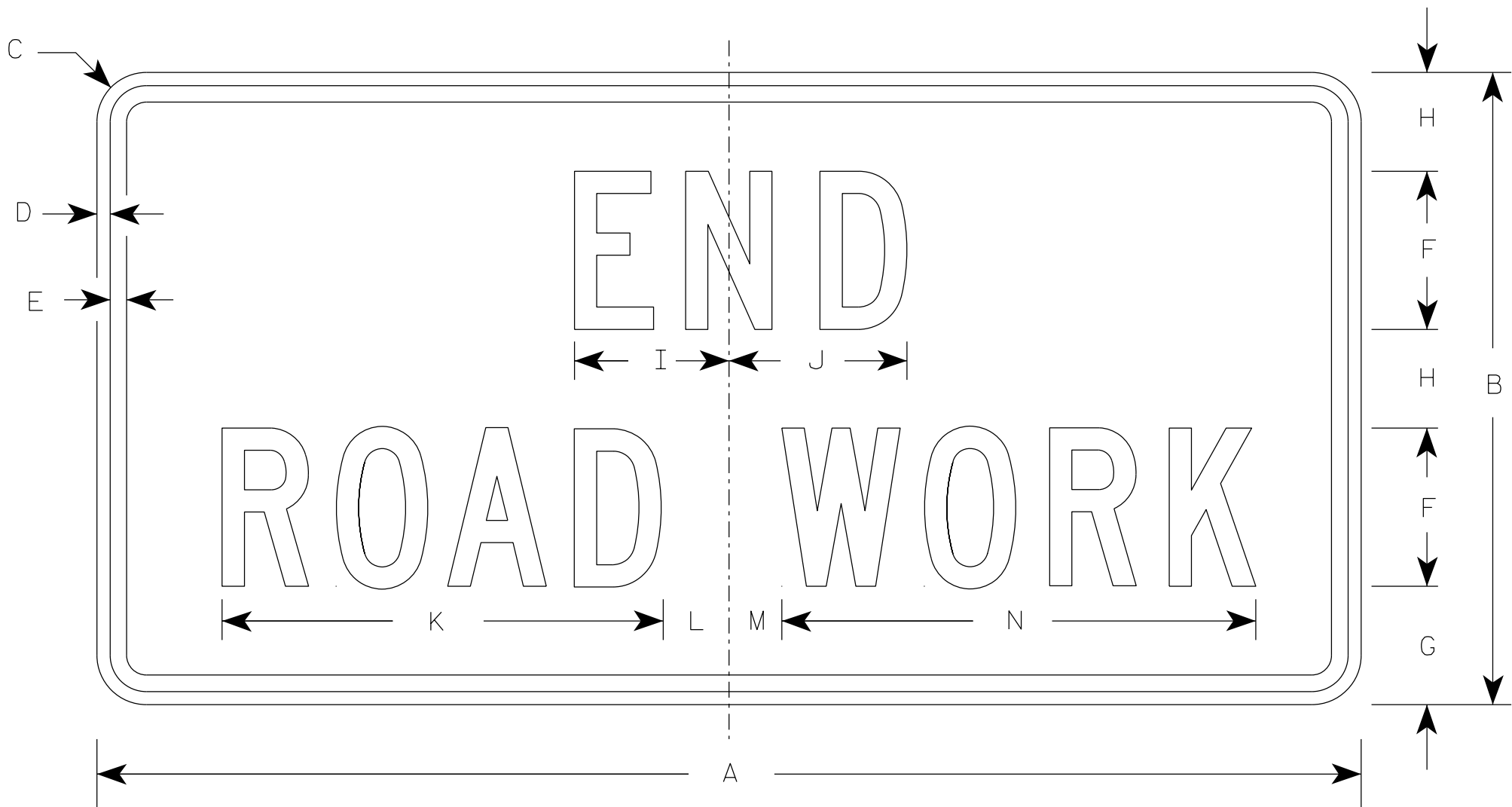
PROJECT NO:

SHEET NO: 178

E

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
 - Background - Orange
 - 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.



G20-2A

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 1/2	3/8	1/2	4	3 3/4	2 1/2	4 1/8	4 1/8	11 1/8	2	1	12 1/8													4.5
2	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
2M	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	5 7/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN

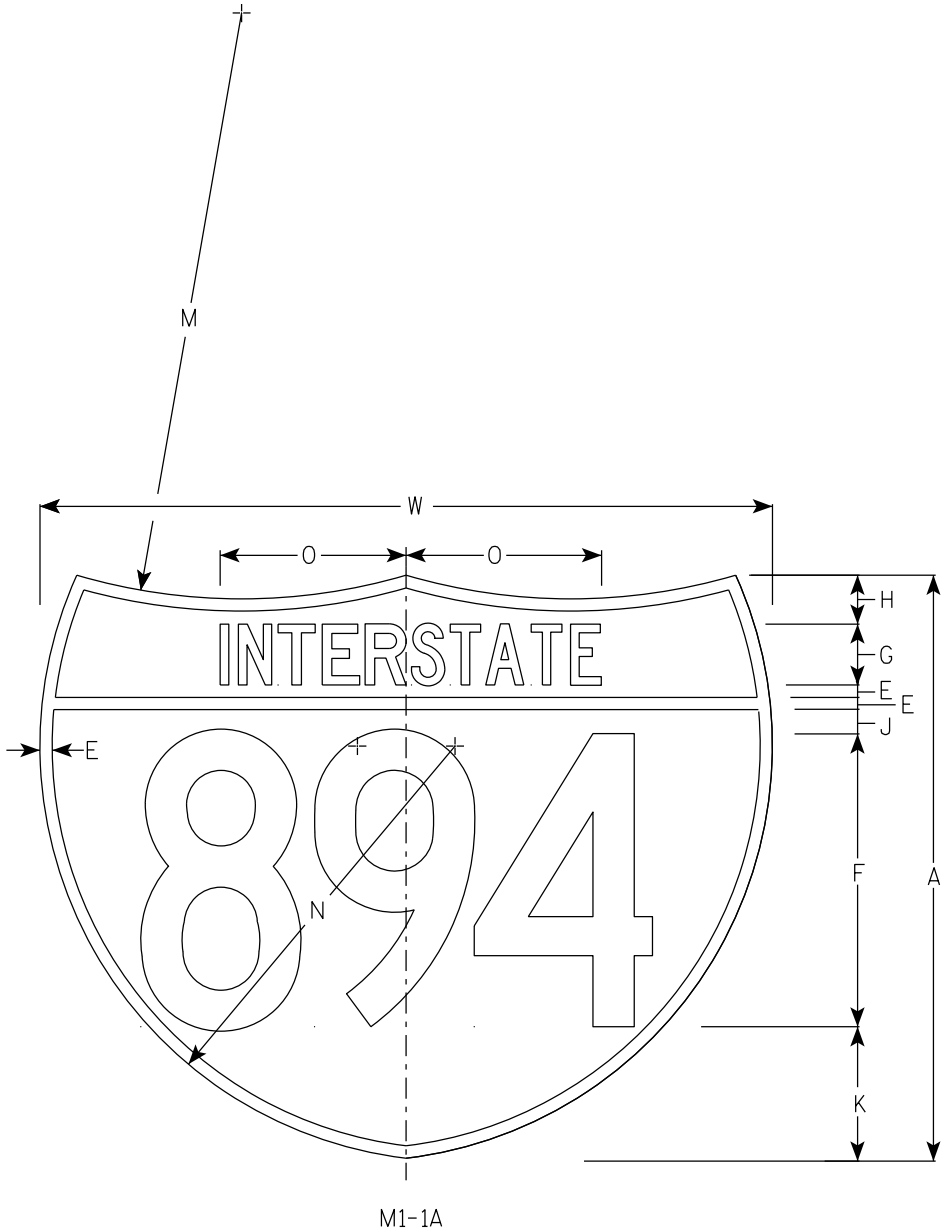
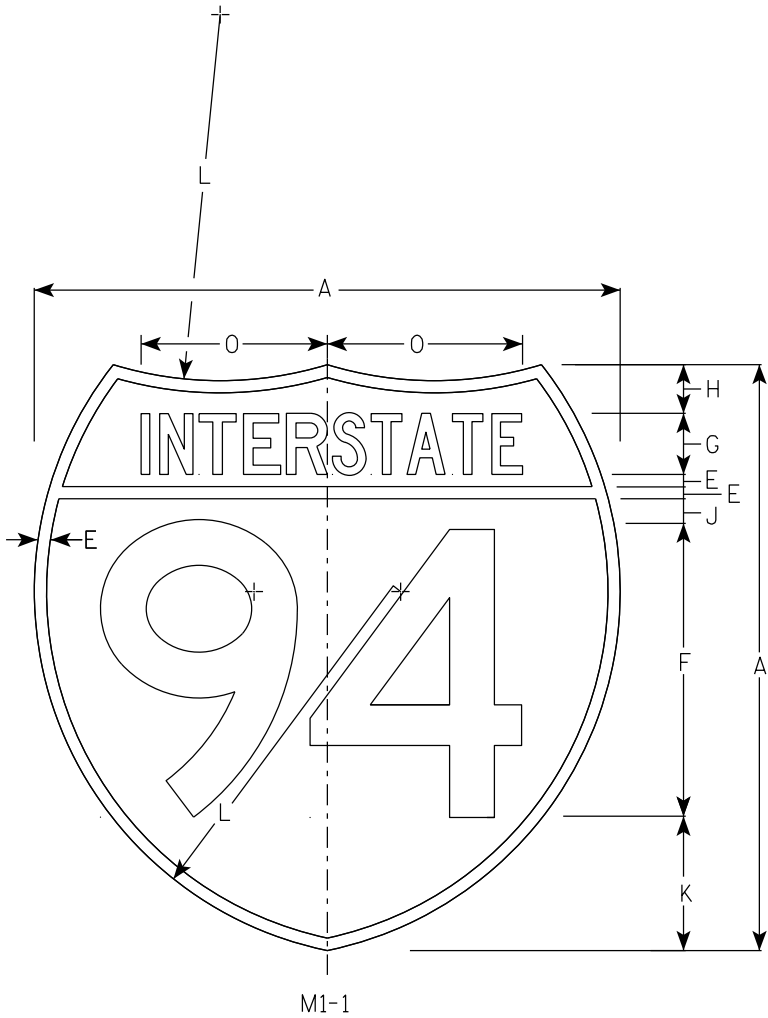
G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

7



NOTES

- 1. Sign is Type II - Type H Reflective
- 2. Color:
Background - Top Red - Bottom Blue
Message - White
- 3. Message Series - See note 5
- 4. Substitute appropriate numerals & adjust spacing as per plate A10-1.
- 5. M1-1 - Numerals - D
Interstate - C
M1-1A - All copy - C

7

																										M1-1	M1-1A
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	Area sq. ft.	Area sq. ft.
1																											
2	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
2M	24				1/2	12	2 1/2	2		1	5 1/2	15	24	17	7 7/8								30			3.13	3.91
3	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
4	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79
5	36				3/4	18	3 3/4	3		1 1/2	8 1/4	22 1/2	36	25 1/2	11 3/4								45			7.03	8.79

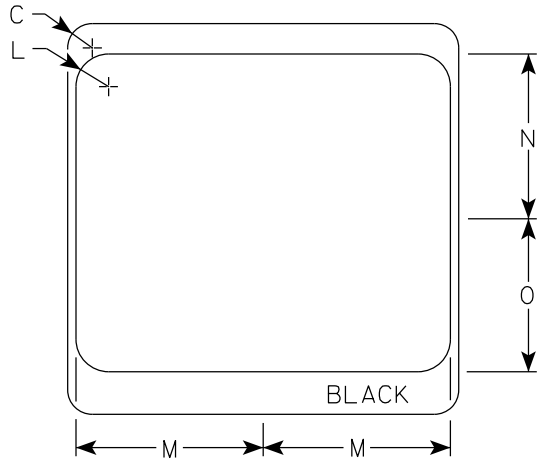
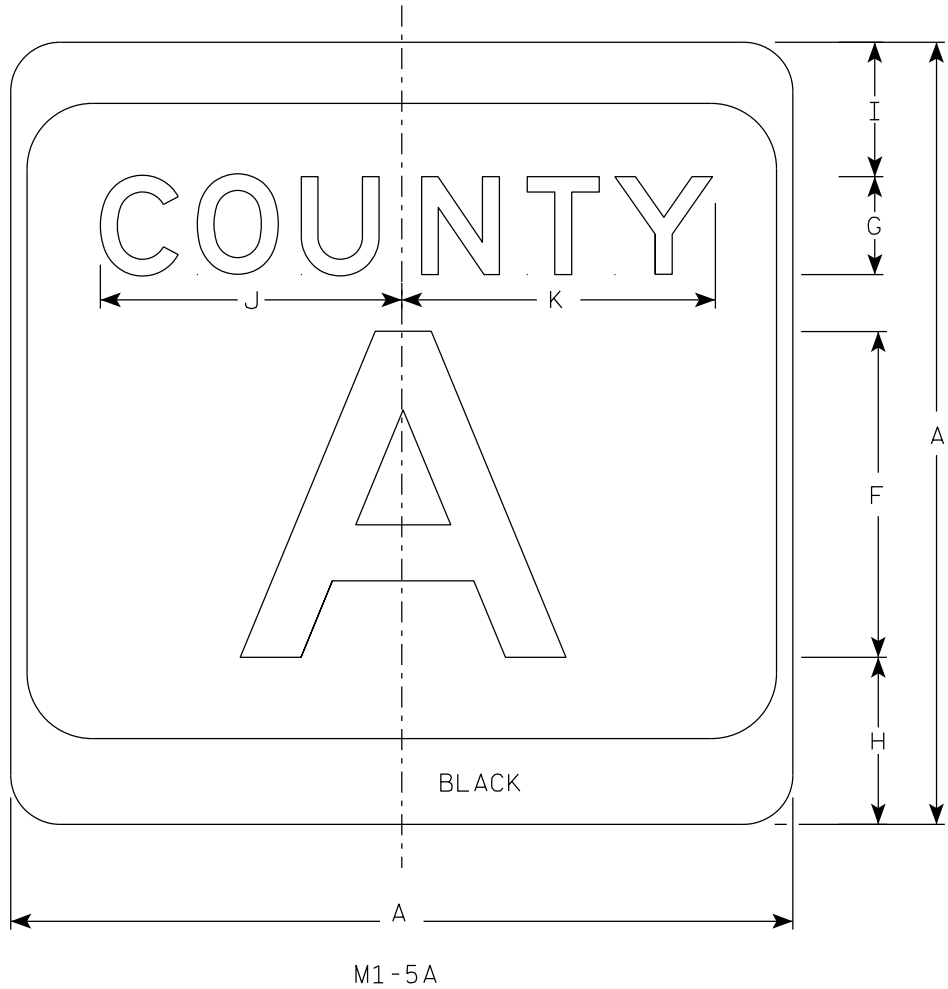
INTERSTATE ROUTE MARKER
M1-1 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

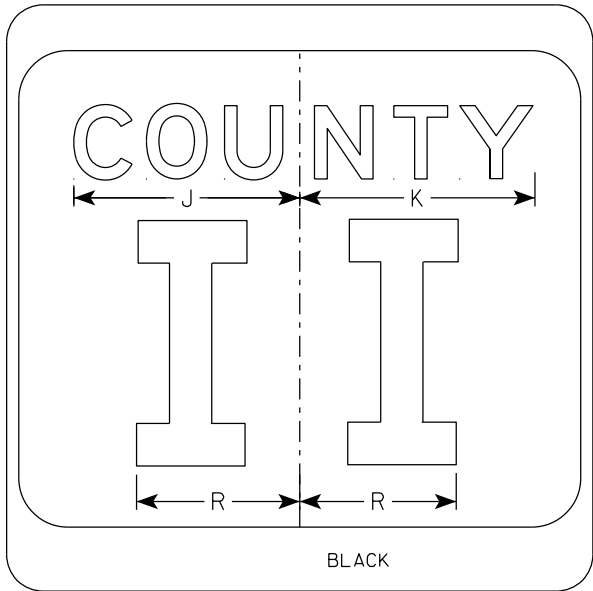
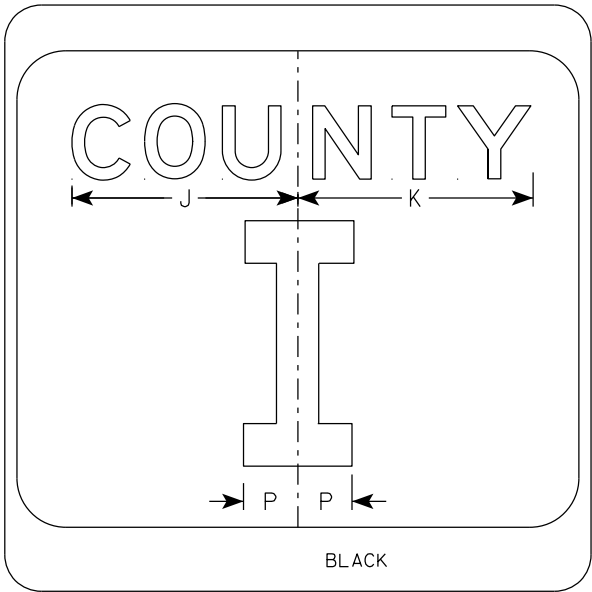
DATE 11/7/2022 PLATE NO. M1-1.9

7



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
Background - White & Black
Message - Black
3. Message Series - see Note 4
4. Message Series E for 1 letter.
Message Series D for 2 letters unless
message is too big then Series C.
Message Series C for 3 letters unless
message is too big then Series B.
5. Substitute appropriate letters & optically
center 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	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 7/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

CTH MARKER

M1-5A FOR ASSEMBLIES

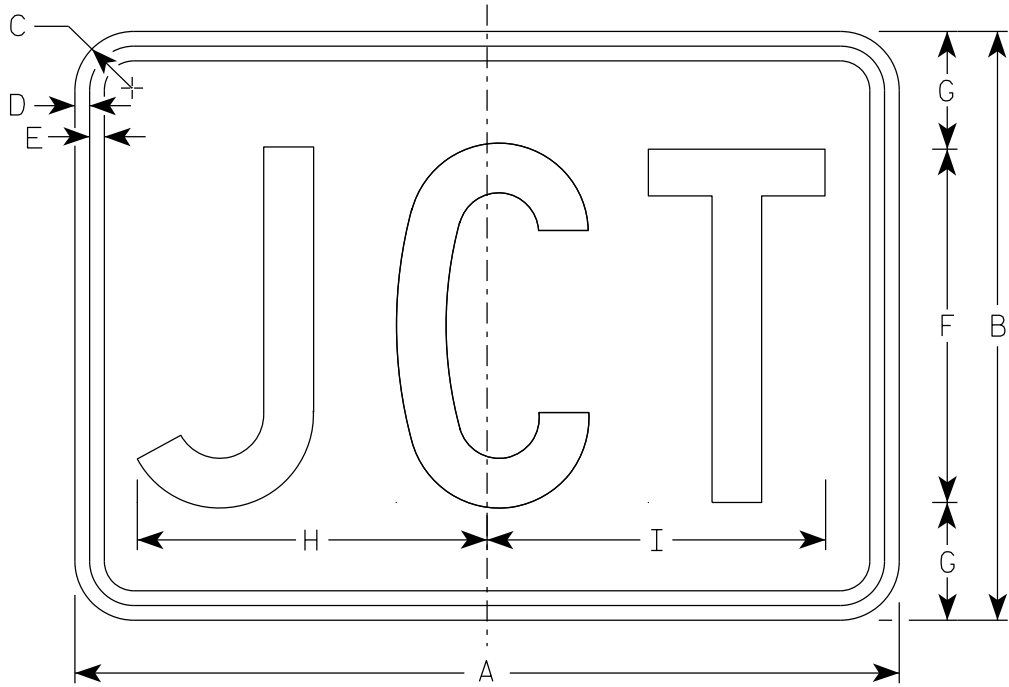
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

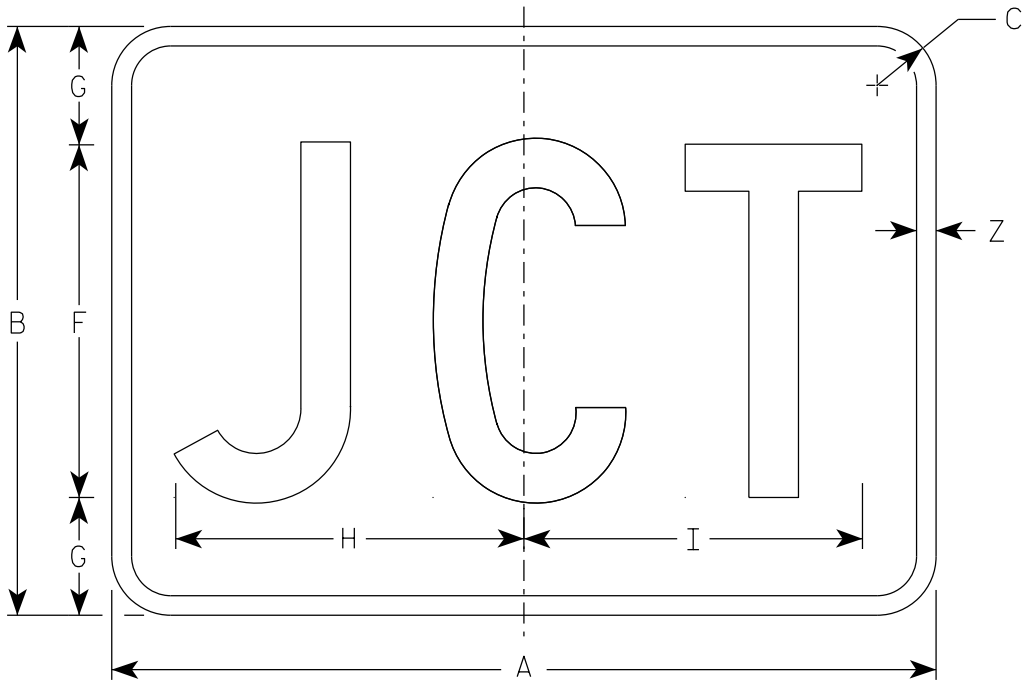
DATE 11/8/2022 PLATE NO. M1-5A.9

7

7



M2-1
MM2-1
MP2-1



MB2-1
MK2-1
MN2-1
MR2-1

NOTES

- 1. Sign is Type II - Type H Reflective
- 2. Color:
 - Background - See note 5
 - Message - See note 5
- 3. Message Series - C
- 4. M2-1 Background - White
Message - Black
- MB2-1 Background - Blue
Message - White
- MK2-1 Background - Green
Message - White
- MM2-1 Background - White
Message - Green
- MN2-1 Background - Brown
Message - White
- MP2-1 Background - White
Message - Blue
- MR2-1 Background - Brown
Message - Yellow

7

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	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
2M	21	15	1 1/2	3/8	3/8	9	3	8 7/8	8 5/8																	1/2	2.20
3	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
4	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40
5	30	21	1 1/2	3/8	3/8	13	4	12 7/8	12 3/8																	1/2	4.40

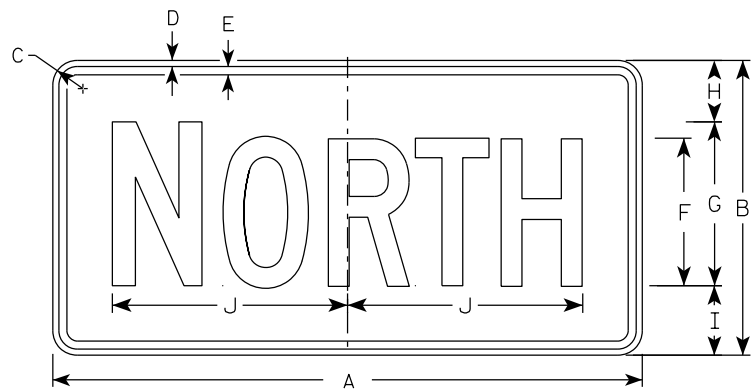
PROJECT NO:

HWY:

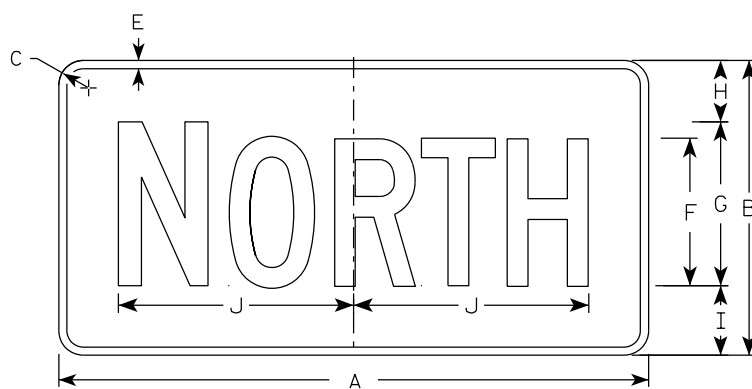
COUNTY:

SHEET NO: 182

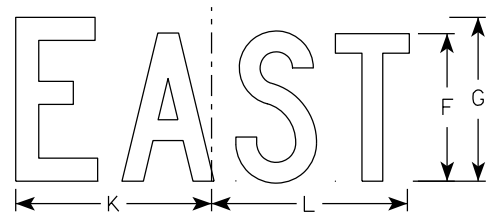
E



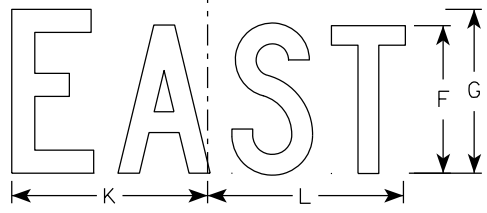
M3-1
MM3-1
MP3-1



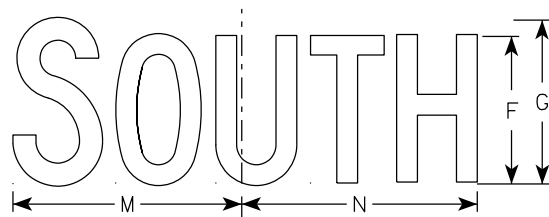
MB3-1
MK3-1
MN3-1



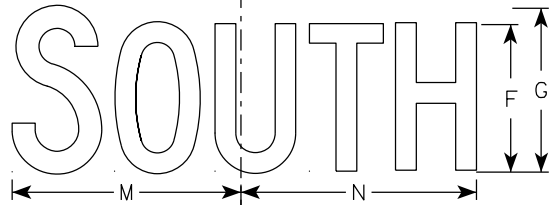
M3-2
MM3-2
MP3-2



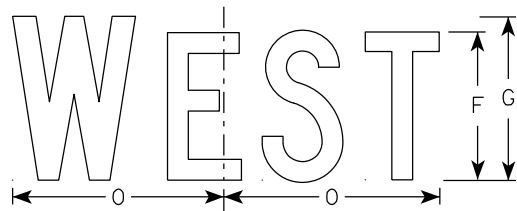
MB3-2
MK3-2
MN3-2



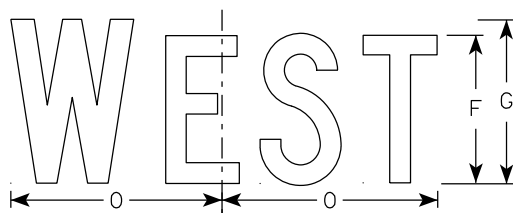
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

- All Signs Type II - Type H Reflective
- Color:
 - Background - See note 5
 - Message - See note 5
- Message Series - C
- 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.
- 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
- 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																											
2S	24	12	1 1/2	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												2.00
2M	24	12	1 1/2	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												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

STANDARD SIGNS M3-1 THRU M3-4 SERIES

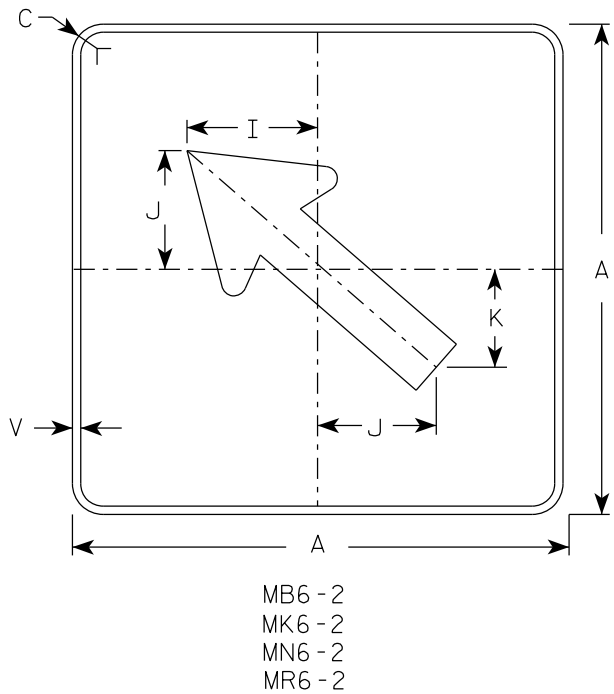
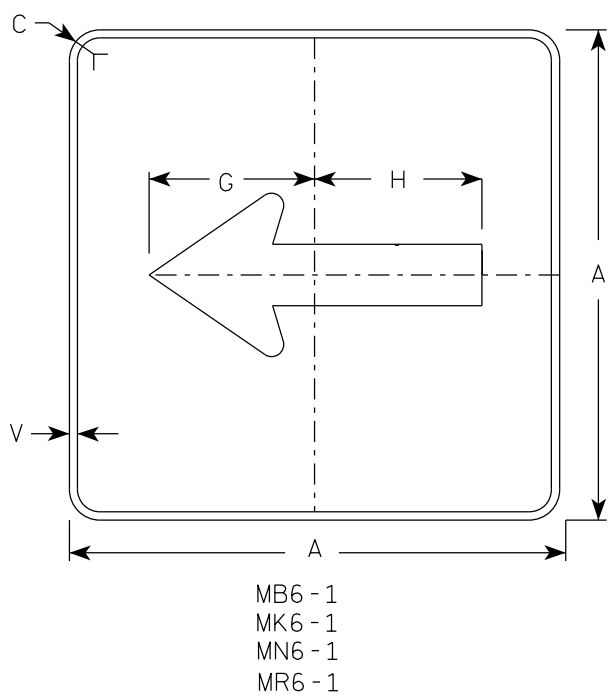
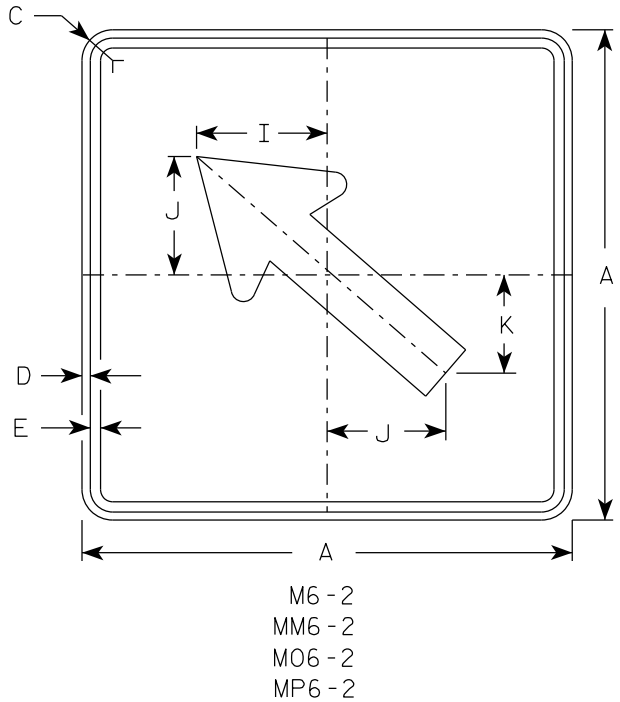
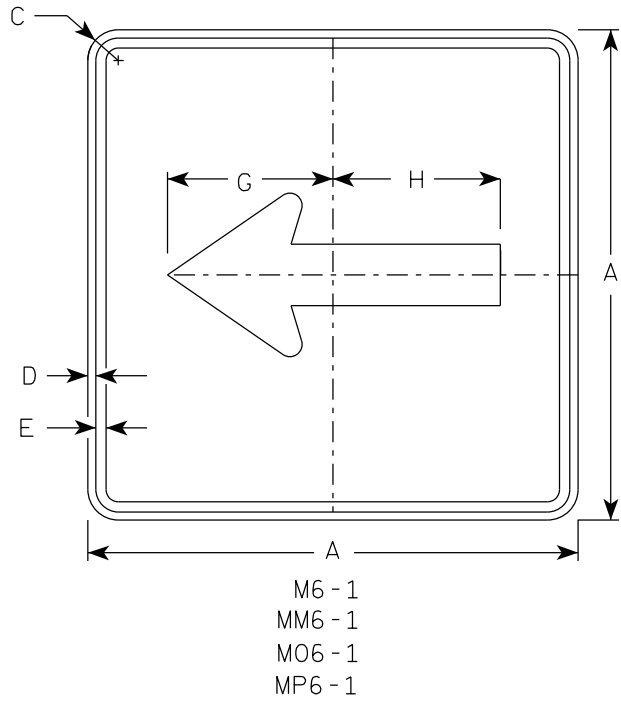
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

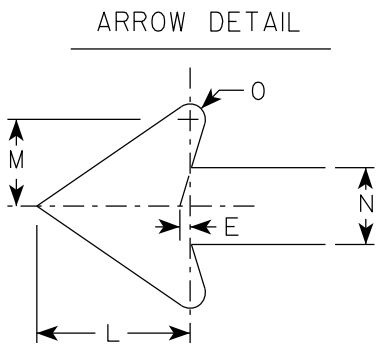
DATE 2/8/2023 PLATE NO. M3-1.15

PROJECT NO: HWY: COUNTY: SHEET NO: 183 E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate-M31.dgn PLOT DATE : 8-FEB 2023 11:00 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : \$\$.....plotscale.....\$\$WISDOT/CADDS SHEET 42



- NOTES**
- Signs are Type II - Type H Reflective except as Shown
 - Color:
Background - See note 4
Message - See note 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.
 - 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
M06-1 and M06-2 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



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	21		1 1/2	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							1/2						3.06
2M	21		1 1/2	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							1/2						3.06
3	30		1 7/8	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							1/2						6.25
4	30		1 7/8	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							1/2						6.25
5	30		1 7/8	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							1/2						6.25

PROJECT NO:

HWY:

COUNTY:

SHEET NO: 184

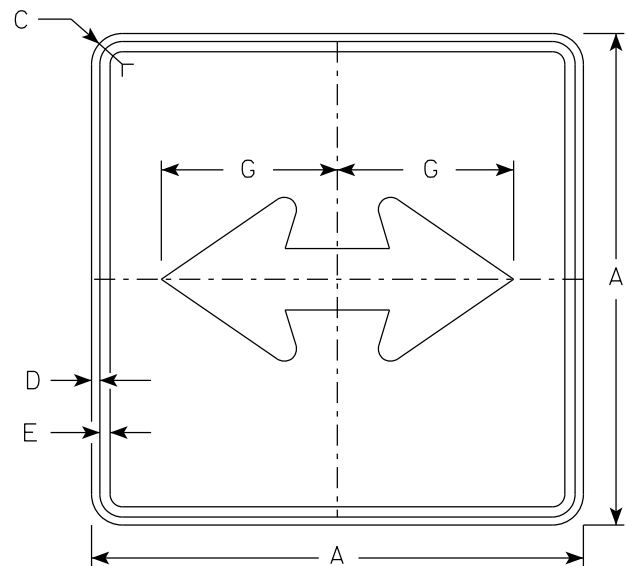
E

STANDARD SIGN
M6-1 & M6-2
SERIES

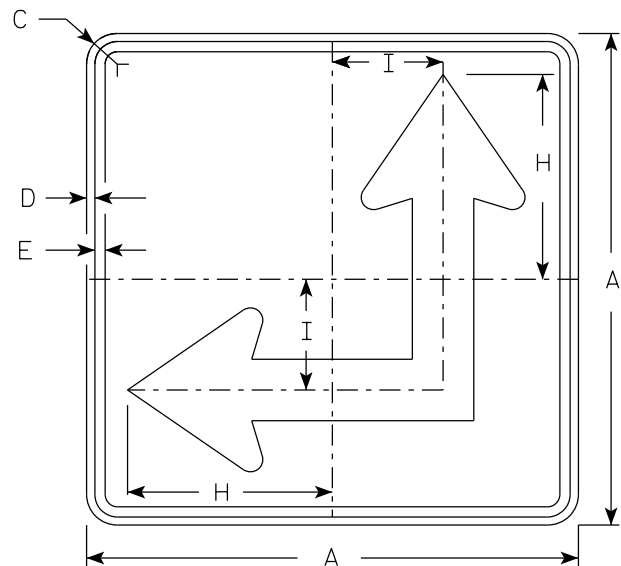
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

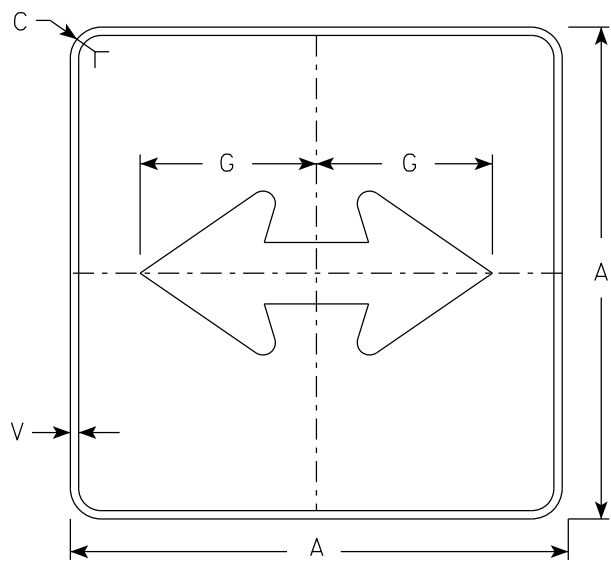
DATE 2/13/2023 PLATE NO. M6-1.16



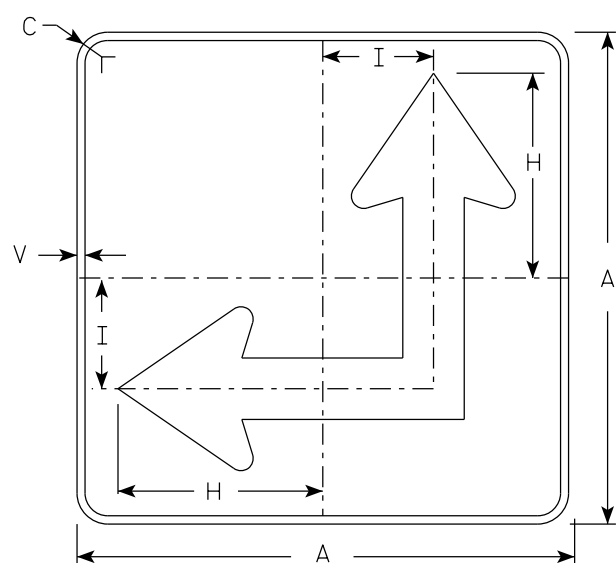
M6 - 4
MM6 - 4
M06 - 4
MP6 - 4



M6 - 6
MM6 - 6
M06 - 6
MP6 - 6



MB6 - 4
MK6 - 4
MN6 - 4
MR6 - 4

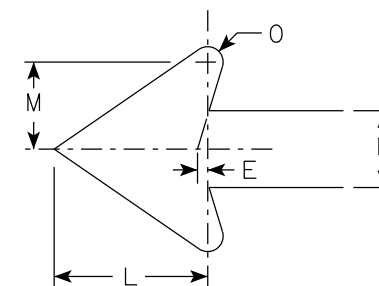


MB6 - 6
MK6 - 6
MN6 - 6
MR6 - 6

NOTES

- Signs are Type II - Type H Reflective except as Shown
- Color:
Background - See Note 4
Message - See Note 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.
- M6-4 and M6-6 Background - White
Message - Black
MB6-4 and MB6-6 Background - Blue
Message - White
MK6-4 and MK6-6 Background - Green
Message - White
MM6-4 and MM6-6 Background - White
Message - Green
MN6-4 and MN6-6 Background - Brown
Message - White
M06-4 and M06-6 Background - Orange - Type F Reflective
Message - Black
MP6-4 and MP6-6 Background - White
Message - Blue
MR6-4 and MR6-6 Background - Brown
Message - Yellow
- M6-6R same as M6-6L except arrow points ahead and right.

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																											
2S	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
2M	21		1 1/2	3/8	3/8		7 1/2	8 3/4	4 1/4			5 1/4	3	2 5/8	1/2							1/2					3.06
3	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
4	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25
5	30		1 7/8	1/2	5/8		10 3/4	12 1/2	6 3/4			7 1/2	4 1/4	3 3/4	3/4							1/2					6.25

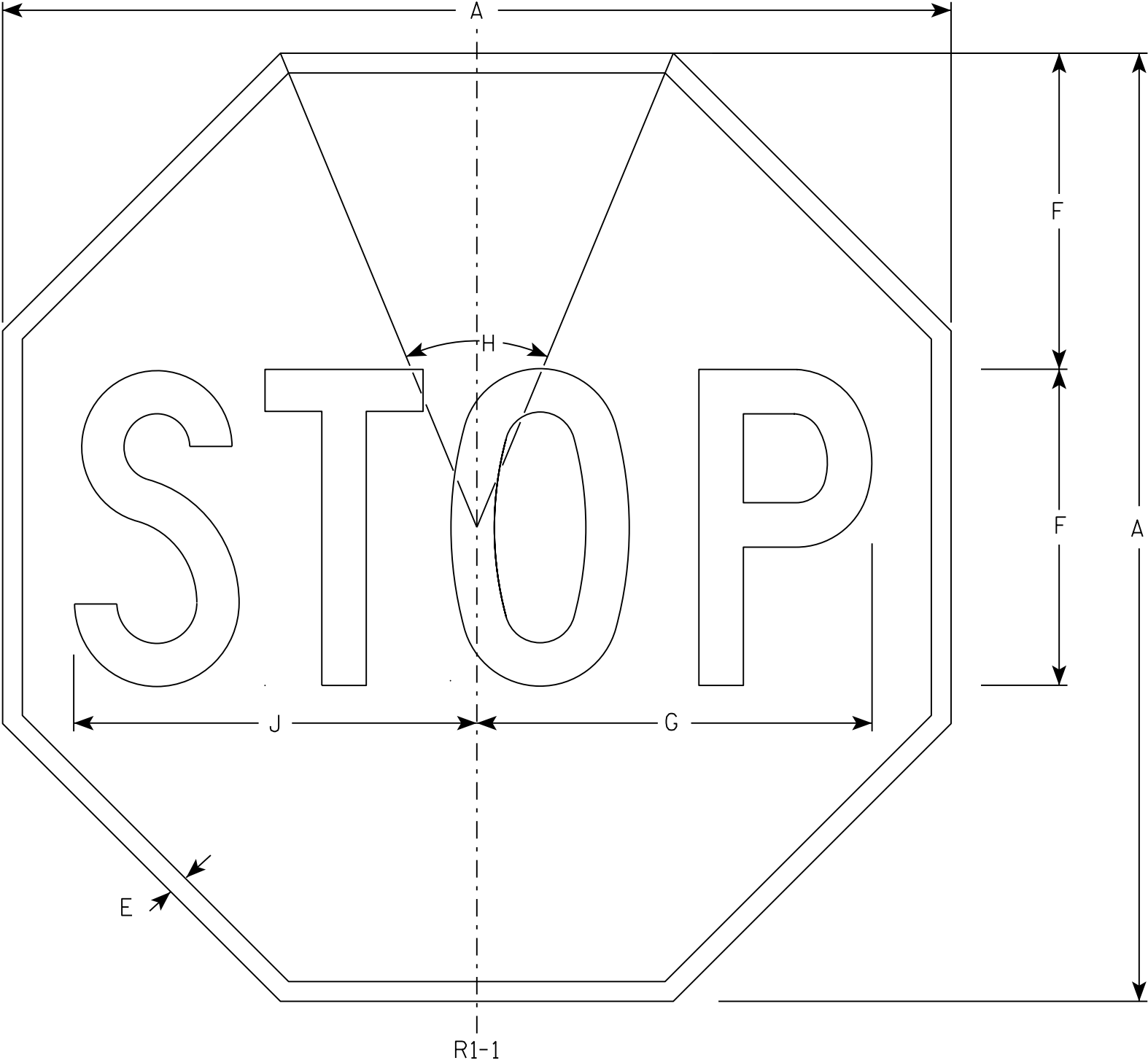
STANDARD SIGN
M6 - 4 & M6 - 6
SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M6-4.11

7



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

7

R1-1

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

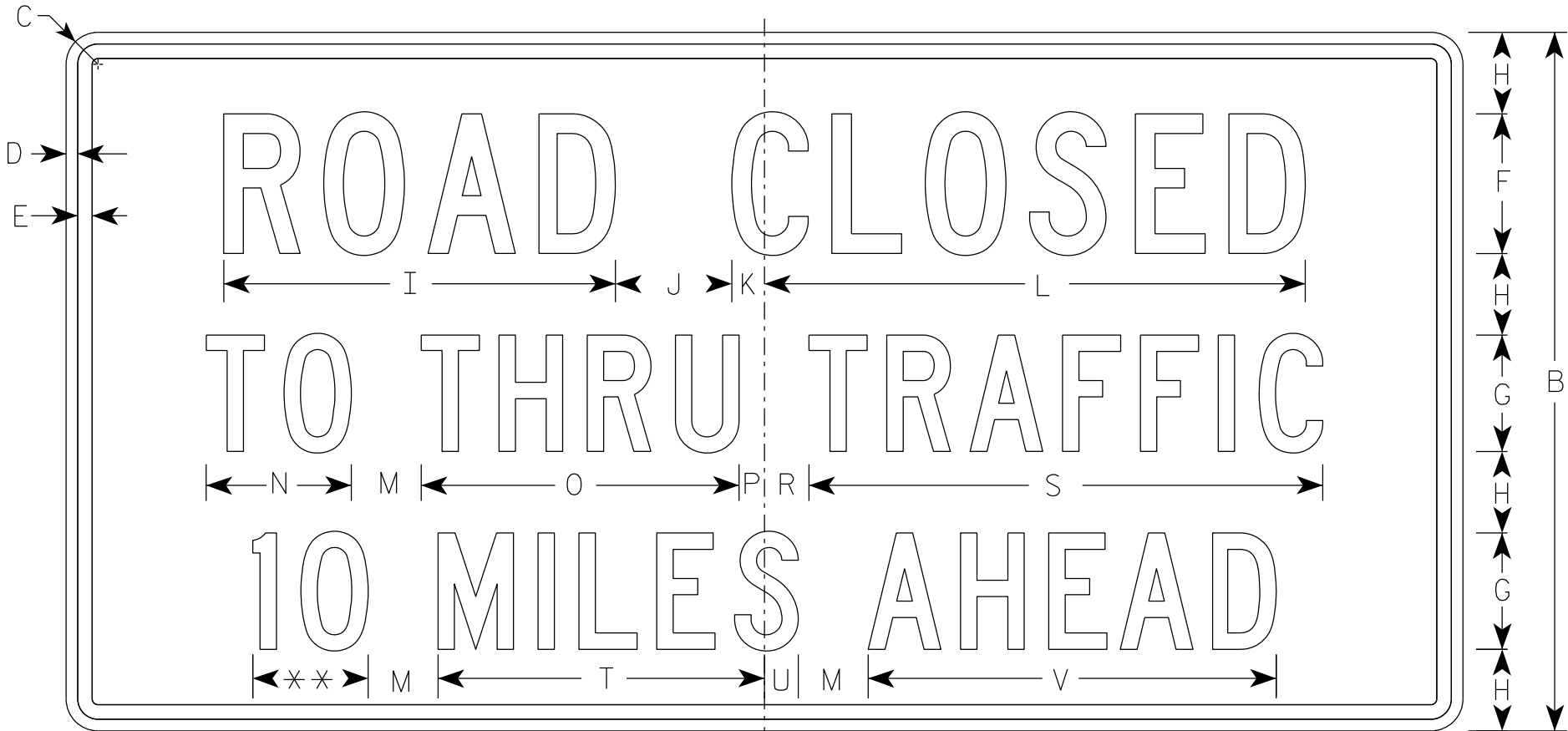
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 11/12/15 PLATE NO. R1-1.13

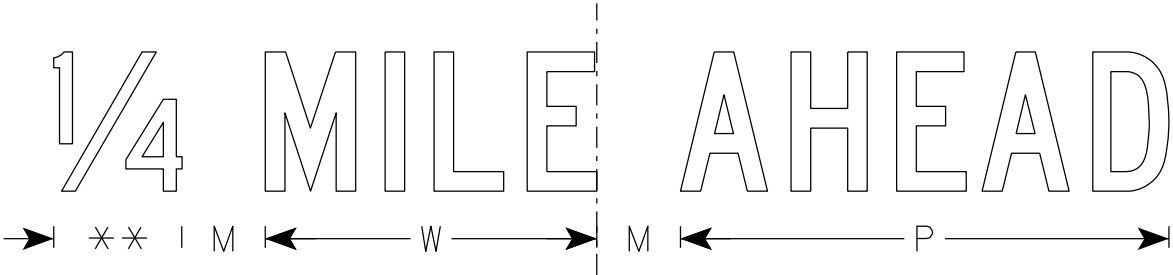
NOTES

- 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 1/2	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 7/8	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 7/8	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 2/5/24 PLATE NO. R11-3.10

PROJECT NO:

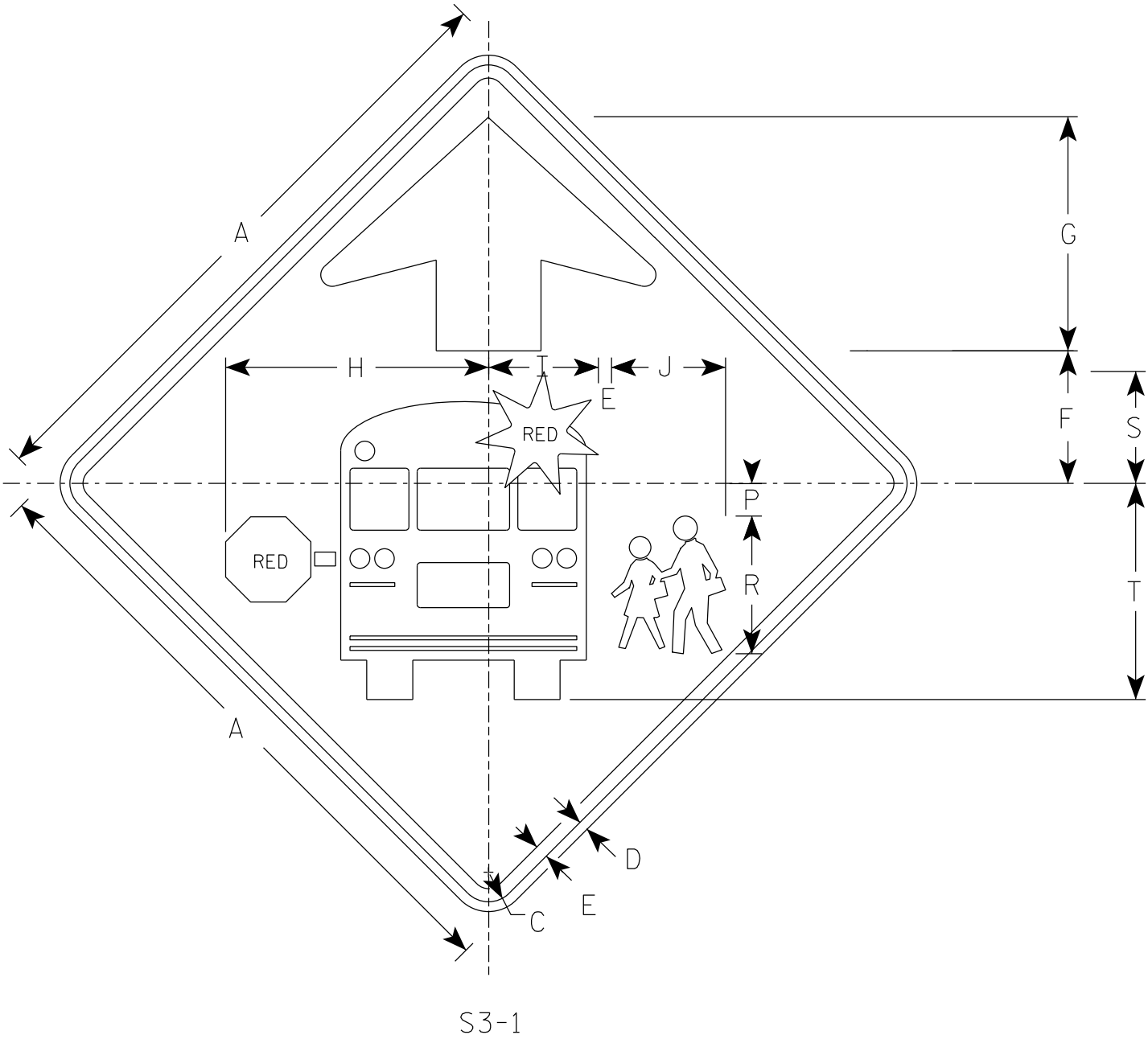
HWY:

COUNTY:

SHEET NO: 187

E

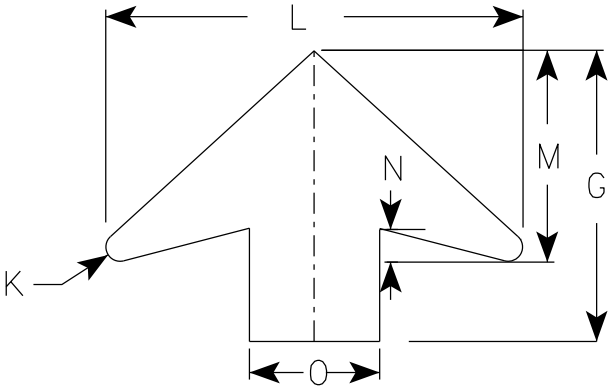
7



S3-1

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
 - Background - YELLOW-GREEN
 - Message - BLACK except as noted
 - Circles except PEDS- RED BACKGROUND

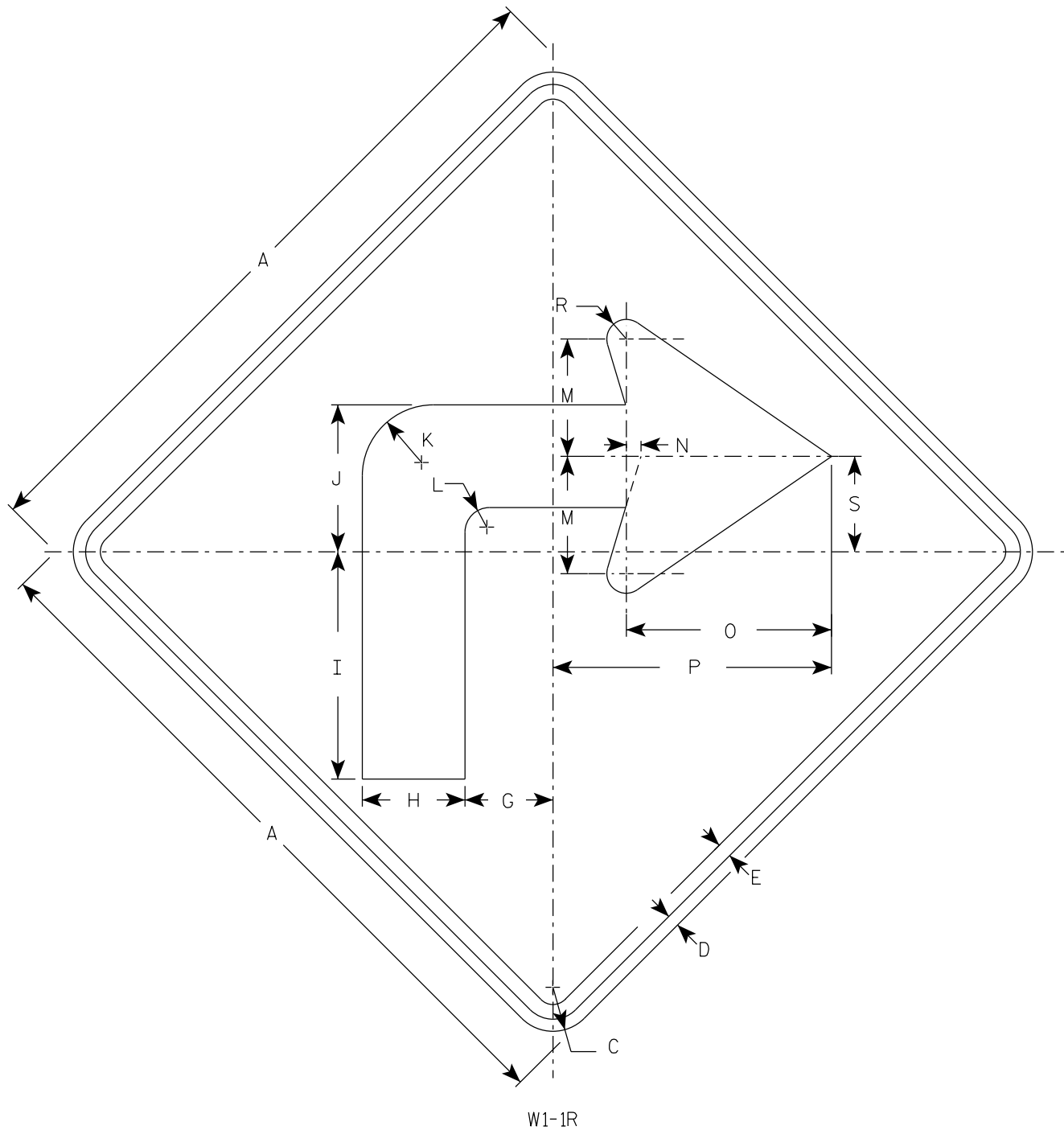


ARROW DETAIL

7

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 7/8	1/2	5/8	6 1/4	11 1/4	12 1/2	5 1/4	5 1/2	1/2	16	8	1 1/4	5	1 1/2		6 5/8	5 3/8	10 3/8							6.25
2S	36		2 1/4	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
2M	36		2 1/4	5/8	3/4	7 1/2	13 1/2	15 1/8	6 1/4	6 1/2	5/8	19 1/4	9 3/4	1 5/8	6	1 7/8		7 7/8	6 3/8	12 3/8							9.0
3	48		3	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
4	48		3	3/4	1	10	17 7/8	20 1/8	8 3/8	8 3/4	7/8	25 5/8	13	2	8	2 1/2		10 1/2	8 1/2	16 1/2							16.0
5																											

7



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
Background - Yellow
Message - Black
3. W1-1L is the same as W1-1R except the arrow is reversed along the vertical centerline.

7

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 1/2	3/8	1/2		3	3 1/2	7 3/4	5	2 1/2	7/8	4	1/2	7	9 1/2		5/8	3 1/4								4.0
2S	36		2 1/4	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
2M	36		2 1/4	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
3	36		2 1/4	5/8	3/4		4 1/2	5 1/4	11 5/8	7 1/2	3 5/8	1 1/4	6	3/4	10 1/2	14 1/4		1	4 7/8								9.0
4	48		3	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0
5	48		3	3/4	1		6	7	15 1/2	10	4 7/8	1 5/8	8	1	14	19		1 1/4	6 1/2								16.0

STANDARD SIGN
W1-1

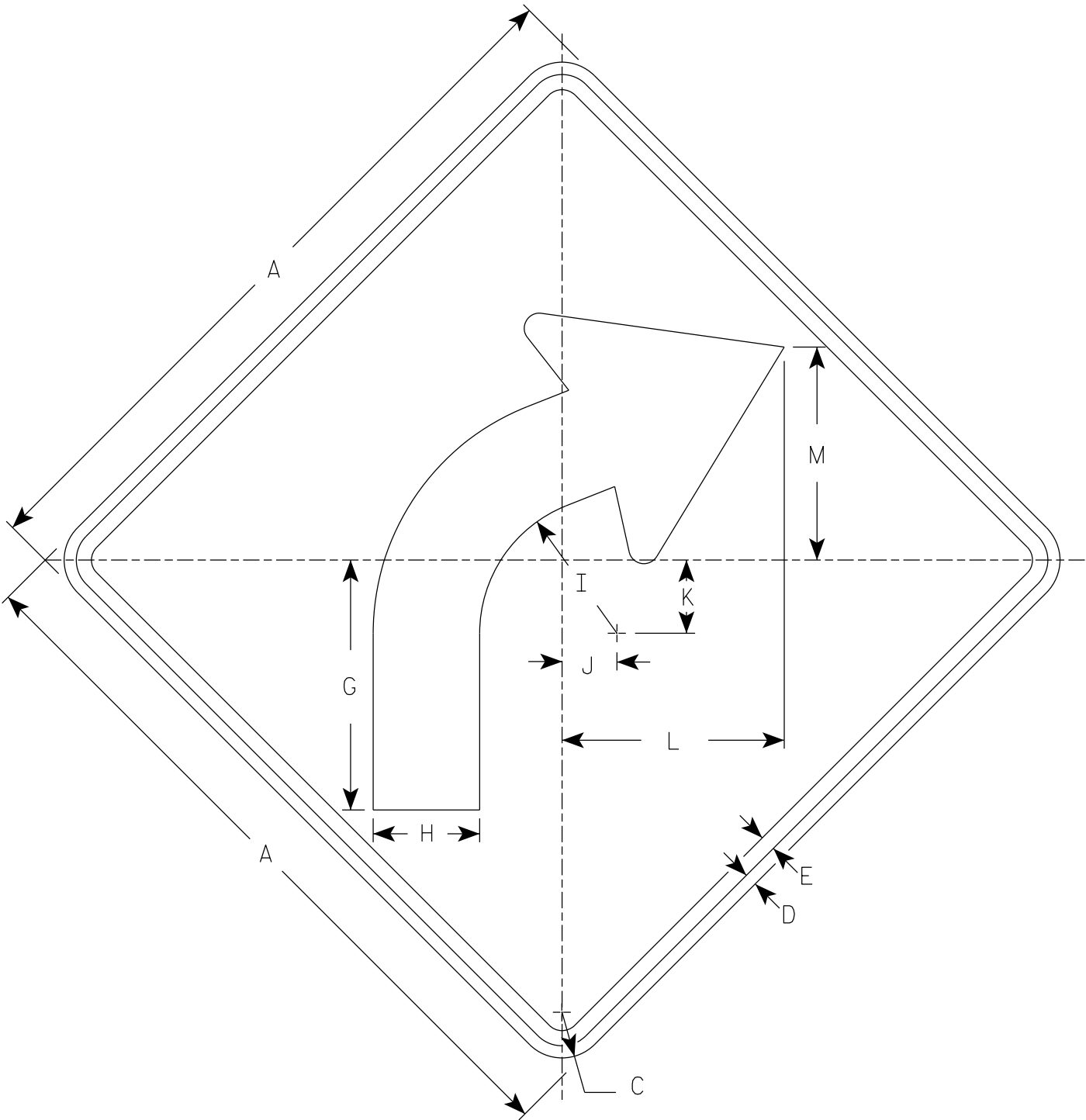
WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 3/22/2023 PLATE NO. W1-1.12

PROJECT NO: HWY: COUNTY: SHEET NO: 189 E

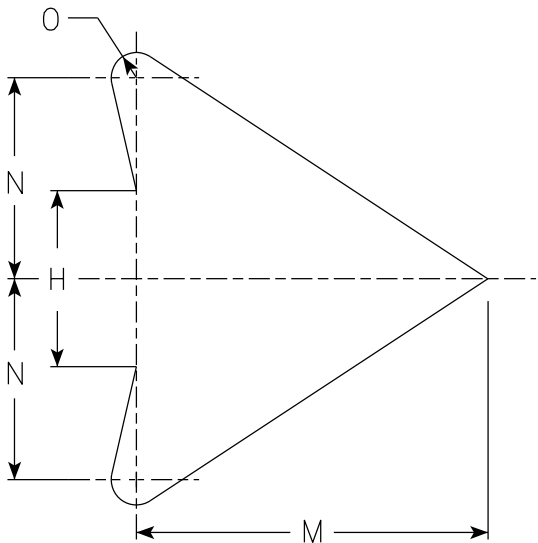
FILE NAME : C:\Users\PROJECTS\tr_stdplate\W11.dgn PLOT DATE : 23-MARCH 2023 6:01 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : \$\$.....plotscale.....\$\$ WISDOT/CADUS SHEET 42



W1-2R

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
Background - Yellow
Message - Black
- 3. W1-2L is the same as W1-2R except the arrow is reversed along the vertical centerline.



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 1/2	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 7/8	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		2 1/4	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		2 1/4	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		2 1/4	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		3	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

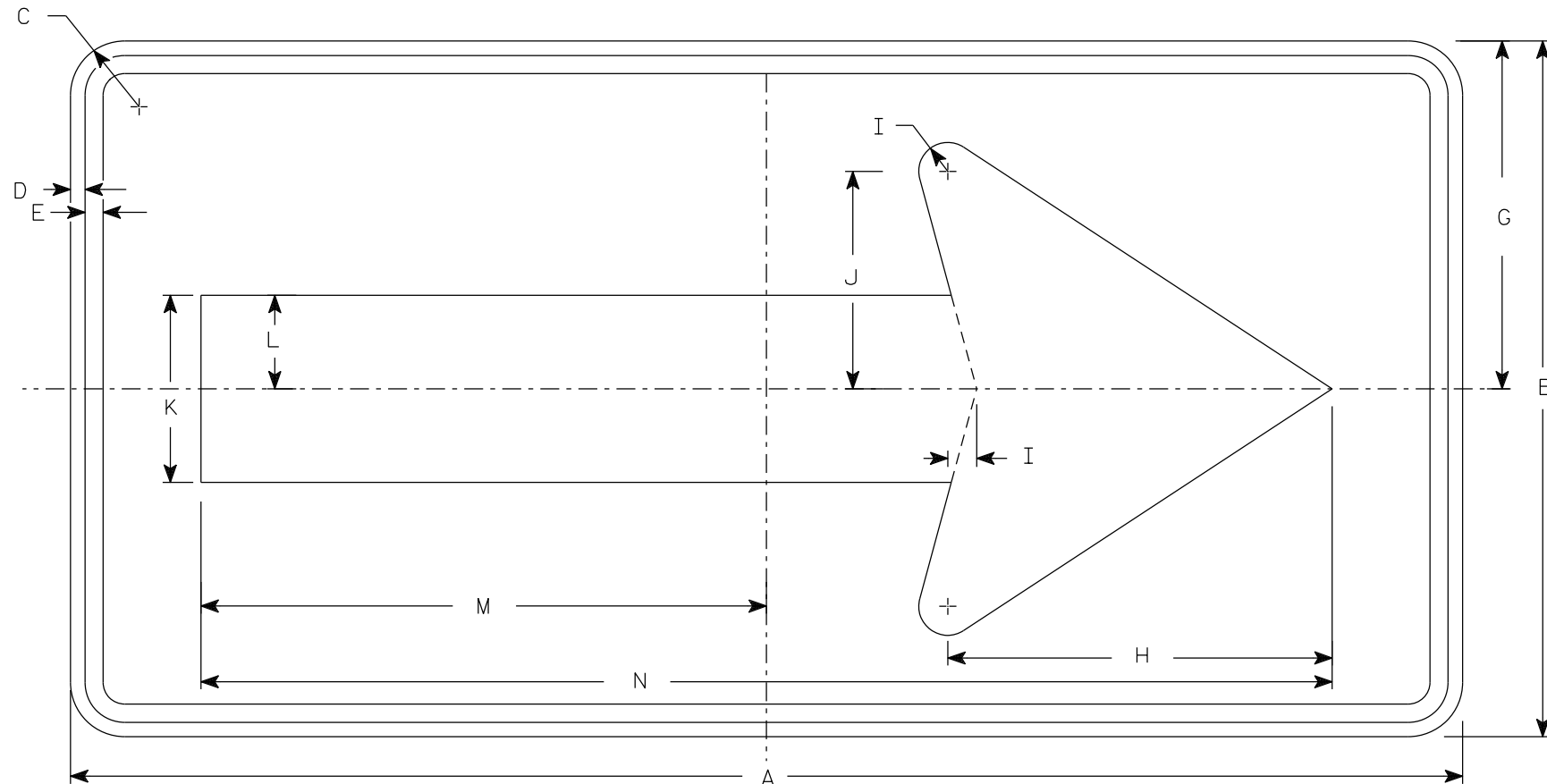
DATE 3/23/2023 PLATE NO. W1-2.11

7

7

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
Background - Yellow
Message - Black



W1-6

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 1/2	3/8	3/8		9	10	3/4	5 5/8	4 3/4	2 3/8	14 5/8	29 1/4													4.5
2S	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
2M	48	24	1 7/8	1/2	5/8		12	13 1/4	1	7 1/2	6 1/2	3 1/4	19 1/2	39													8.0
3	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
4	60	30	1 7/8	1/2	5/8		15	16 1/4	1 1/4	9 1/4	8	4	24 3/8	48 3/4													12.5
5	96	48	3	3/4	1		24	26 1/2	2	15	13	6 1/2	39	78													32.0

PROJECT NO:		HWY:		COUNTY:		SHEET NO: 191		E
-------------	--	------	--	---------	--	---------------	--	---

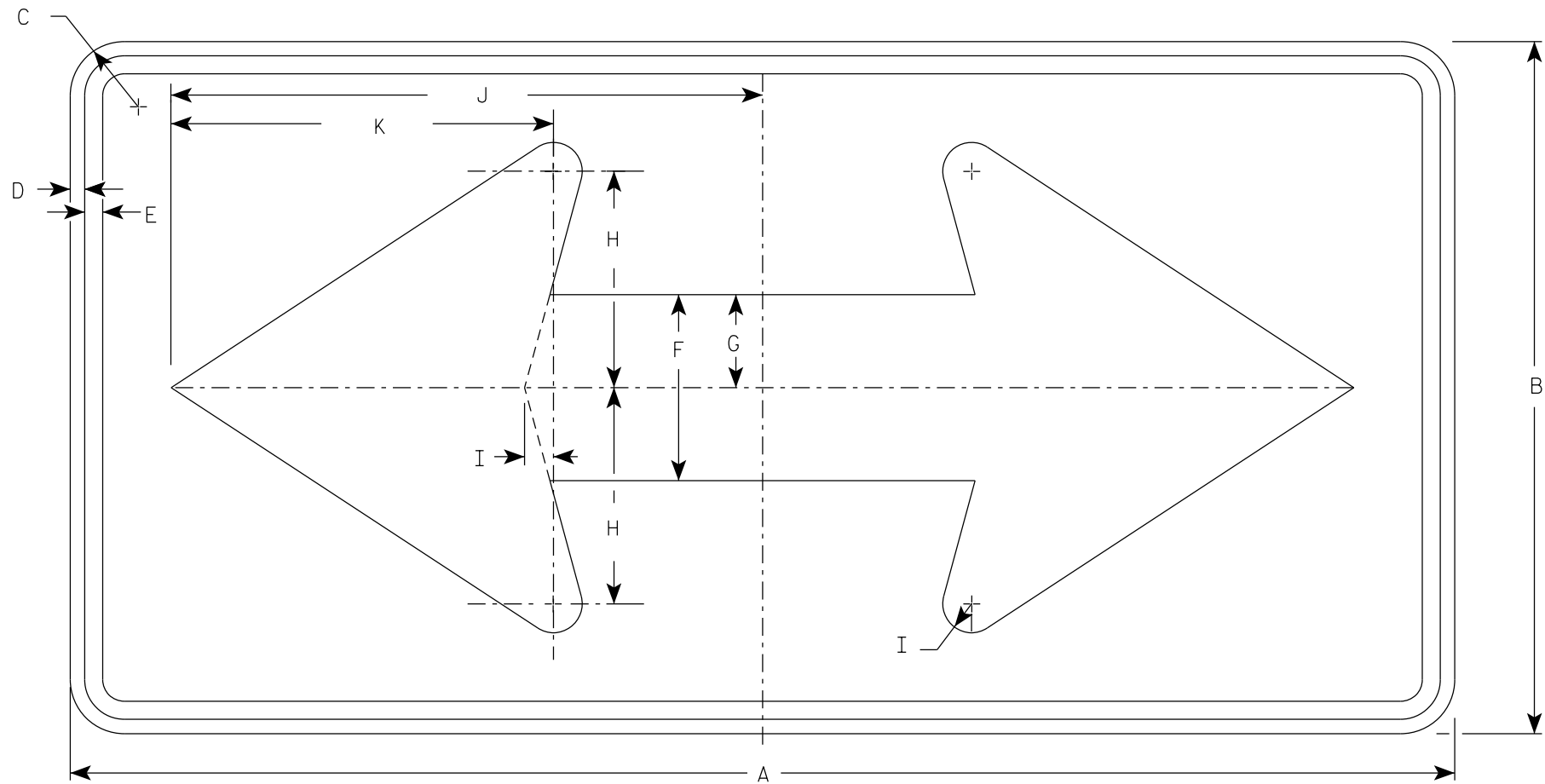
STANDARD SIGN
W1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
For State Traffic Engineer

DATE 4/13/2023 PLATE NO. W1-6.9

7



W1-7

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
Background - Yellow
Message - Black

7

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 1/2	3/8	1/2	5	2 1/2	5 3/4	3/4	15 5/8	10 1/8																4.5
2S	48	24	1 7/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
2M	48	24	1 7/8	1/2	5/8	6 1/2	3 1/4	7 1/2	1	20 1/2	13 1/4																8.0
3	60	30	1 7/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
4	60	30	1 7/8	1/2	5/8	8	4	9 1/4	1 1/4	25 3/8	16 1/4																12.5
5	96	48	3	3/4	1	13	6 1/2	15	2	41	26 1/2																32.0

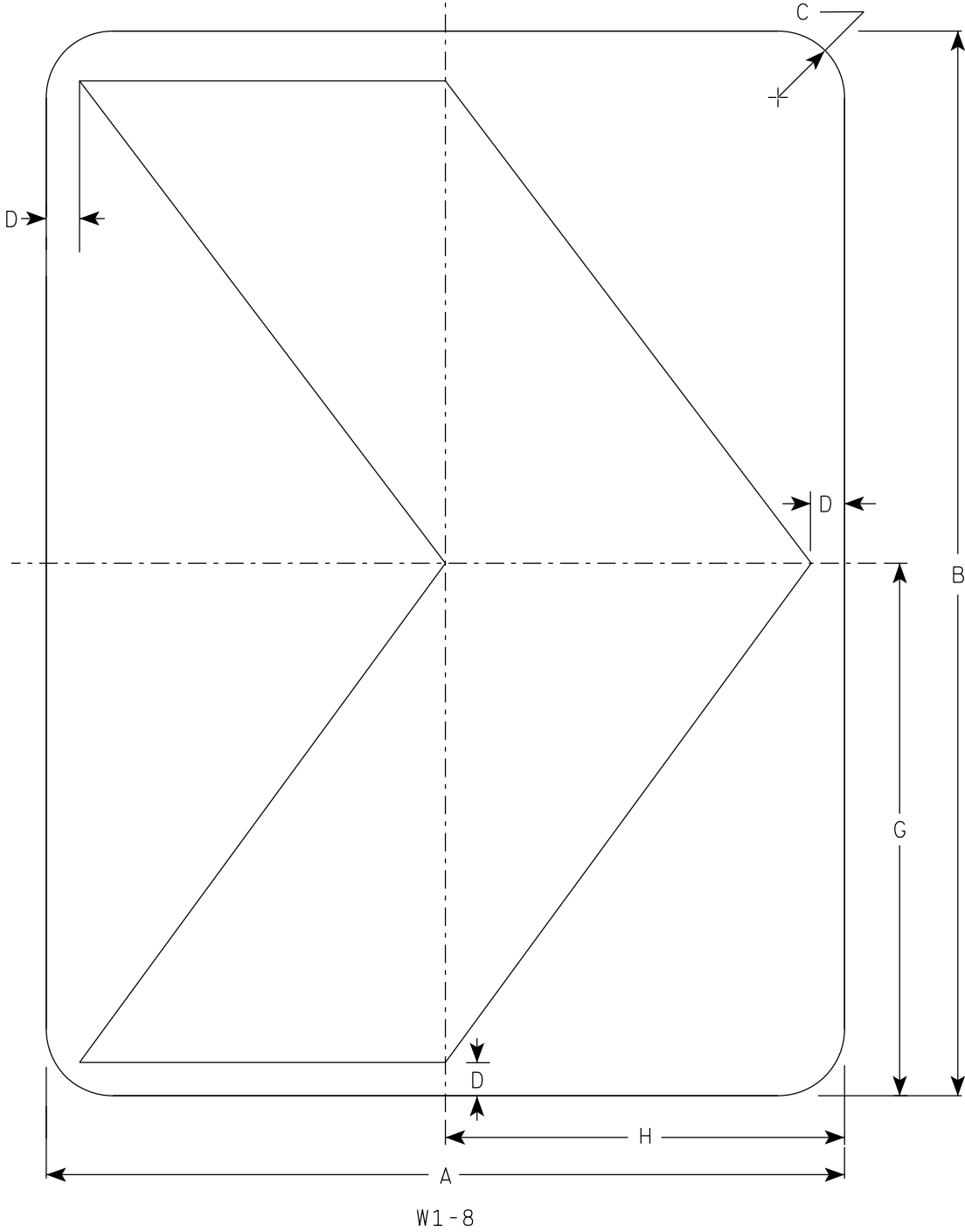
STANDARD SIGN
W1-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/10/2023 PLATE NO. W1-7.8

7



NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
 - Background - Yellow
 - Message - Black

7

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 1/2	1/2			9	6																			1.5
2S	18	24	1 1/2	3/4			12	9																			3.0
2M	18	24	1 1/2	3/4			12	9																			3.0
3	24	30	1 1/2	1			15	12																			5.0
4	30	36	1 7/8	1 1/4			18	15																			7.5
5	36	48	1 7/8	1 1/2			24	18																			12.0

STANDARD SIGN

W1-8

WISCONSIN DEPT OF TRANSPORTATION

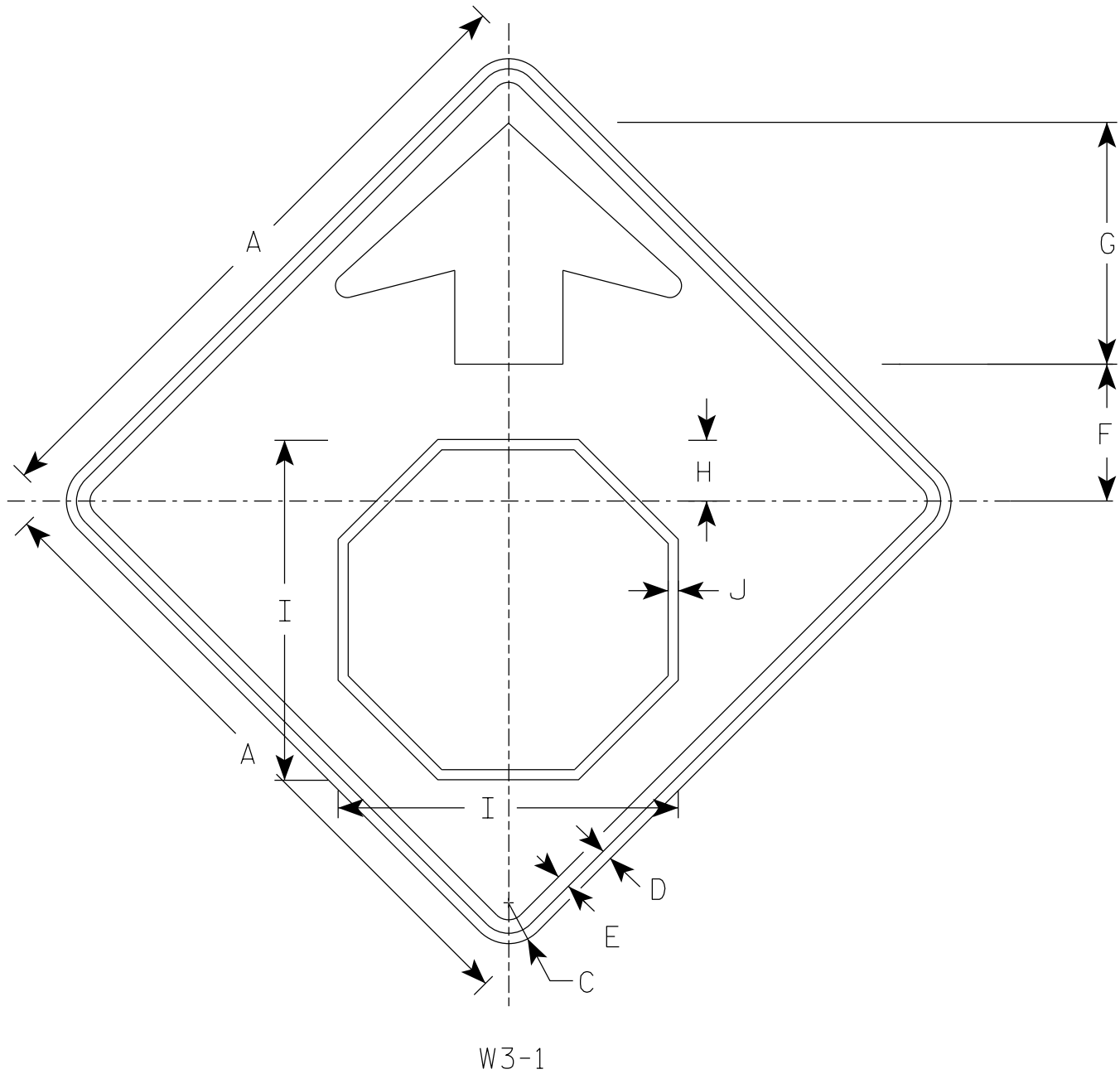
APPROVED *Matthew R. Rauch*
for State Traffic Engineer

DATE 5/11/2023 PLATE NO. W1-8.7

SHEET NO: 193

E

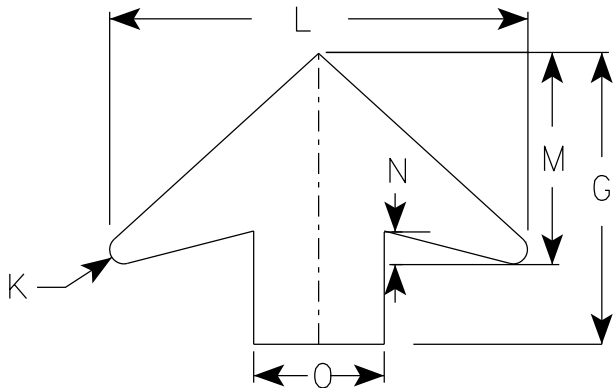
7



W3-1

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
 - Background - Yellow
 - Arrow & Border - Black
 - Stop Symbol - White Border on Red Background



ARROW DETAIL

7

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 7/8	1/2	5/8	6 1/4	11 1/4	2 3/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		2 1/4	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		2 1/4	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		2 1/4	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		3	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		3	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 8/17/2023 PLATE NO. W3-1.13

7



W11-15A

NOTES

- 1. Sign is Type II - Type F Reflective
- 2. Color:
Background - Yellow
Message - Black
- 3. Message Series - C

7

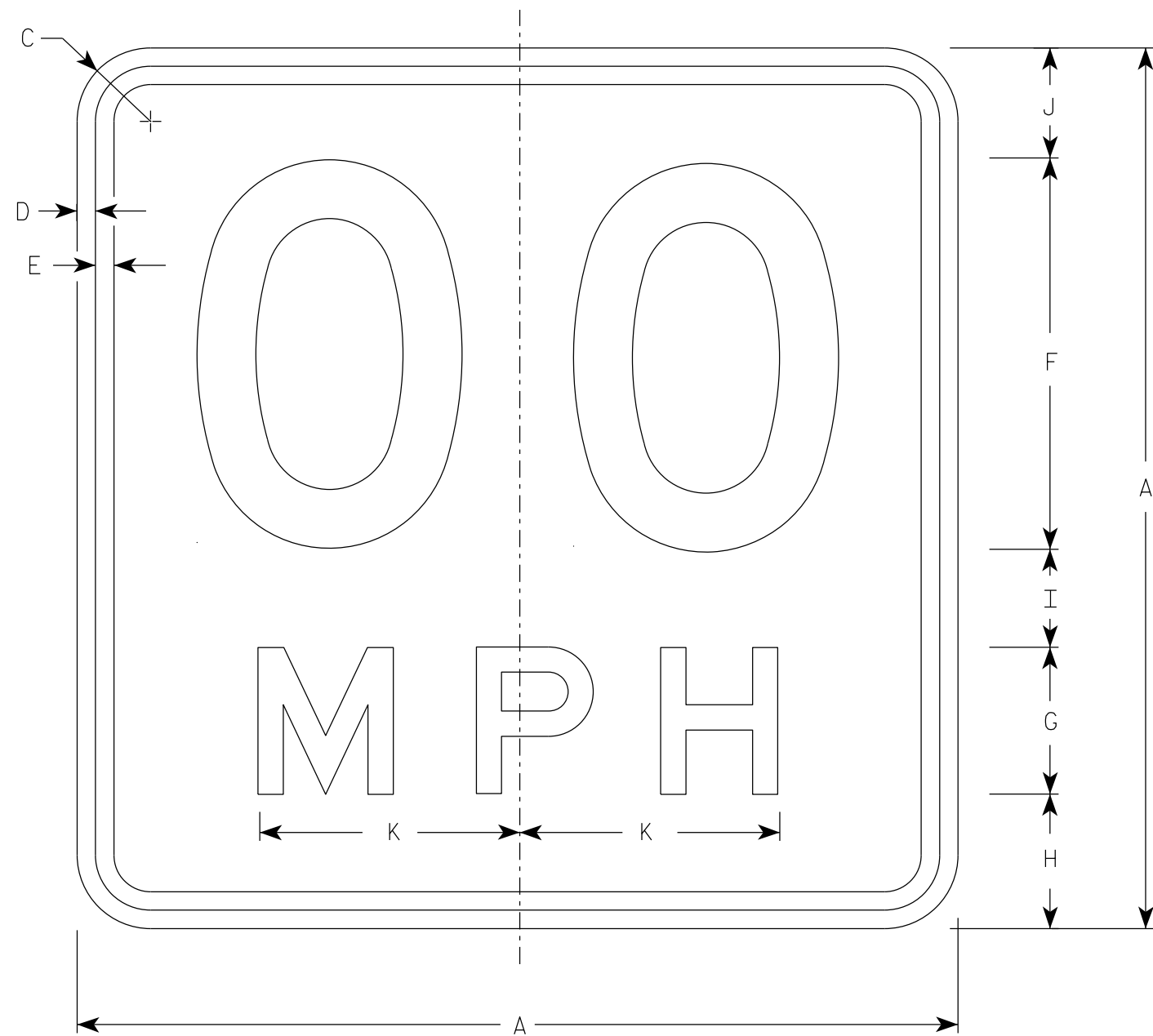
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24		1 1/2	3/8	1/2	4	2 3/8	6 1/8	10 3/4																		4.0
2S	30		1 7/8	1/2	5/8	5	3	7 3/4	13 3/8																		6.25
2M	36		2 1/4	5/8	3/4	6	3 1/2	9 1/4	16																		9.0
3	36		2 1/4	5/8	3/4	6	3 1/2	9 1/4	16																		9.0
4	48		3	3/4	1	8	5	12 7/8	21 1/4																		16.0
5																											

STANDARD SIGN
W11-15A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R. Rauch
for State Traffic Engineer

DATE 11/21/2023 PLATE NO. W11-15A.2



NOTES

1. Sign is Type II - Type F Reflective
2. Color:
Background - Yellow
Message - Black
3. Message Series - See Note 5
4. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
5. Line 1 is Series D
Line 2 is Series E

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.

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.
✱ 2S	1	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8															2.25
	2	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8															2.25
✱ 2M	3	18		1 1/2	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8															2.25
	4	24		1 1/2	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8															4.00
	5	36		2 1/4	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8															9.00
	6	36		2 1/4	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 1/8/2024 PLATE NO. W13-1.17

PROJECT NO:

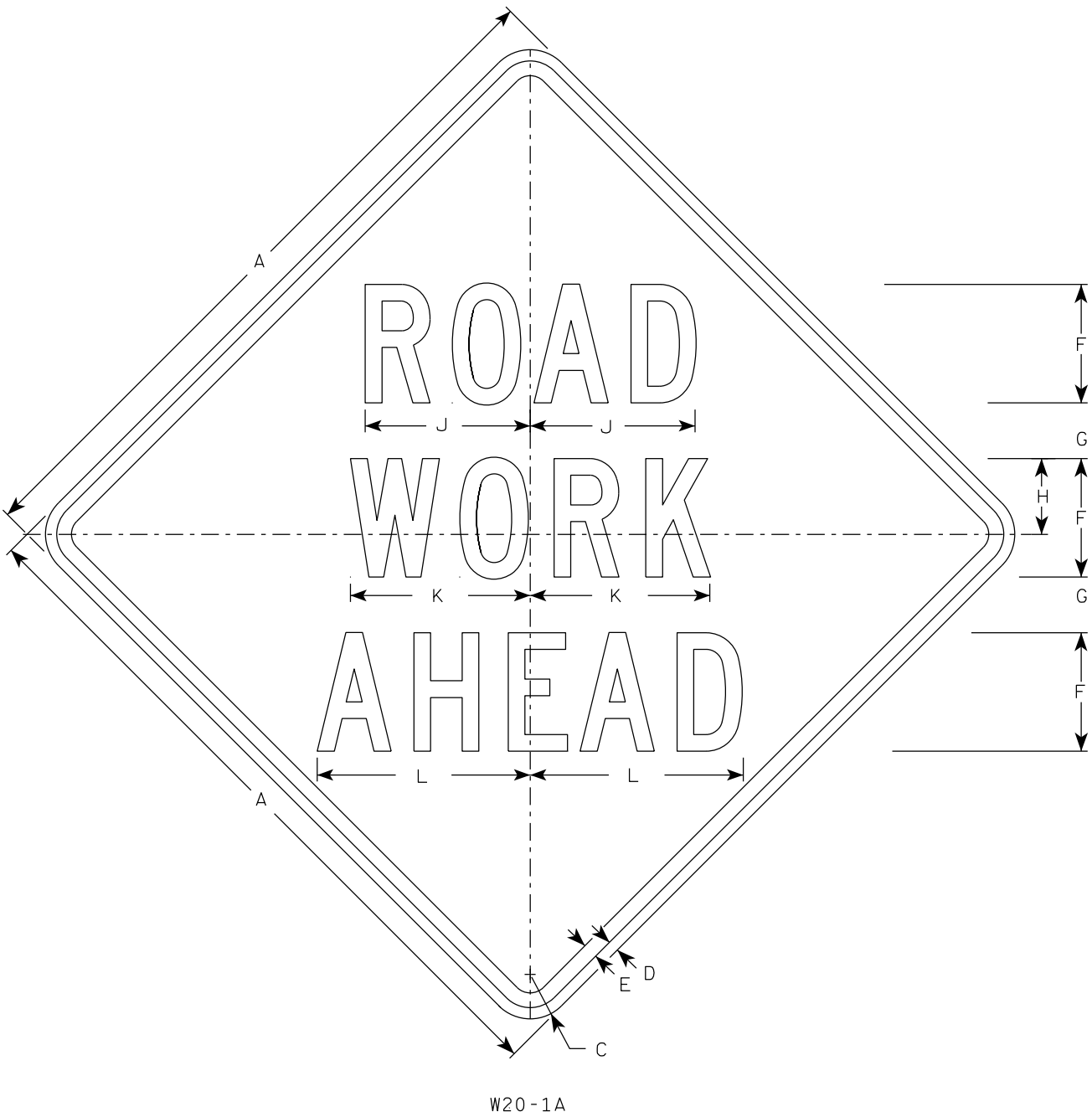
HWY:

COUNTY:

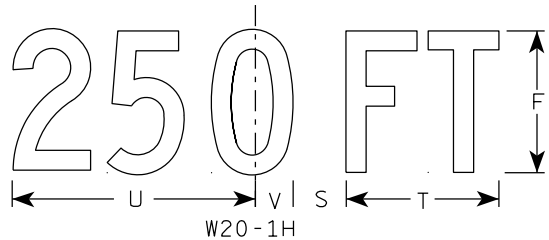
SHEET NO:

196

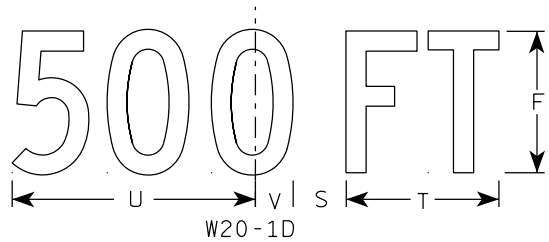
E



W20-1A



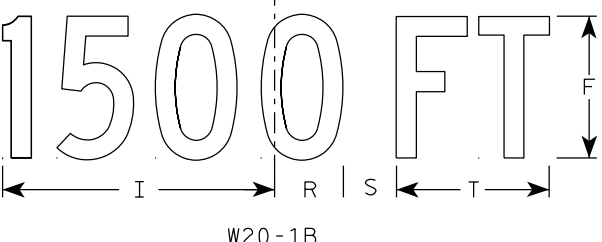
W20-1H



W20-1D

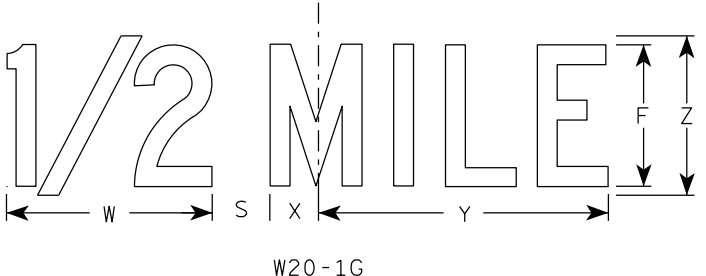


W20-1C

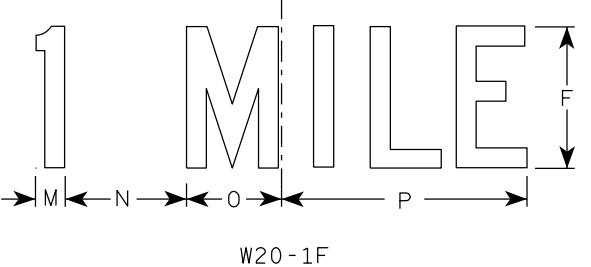


W20-1B

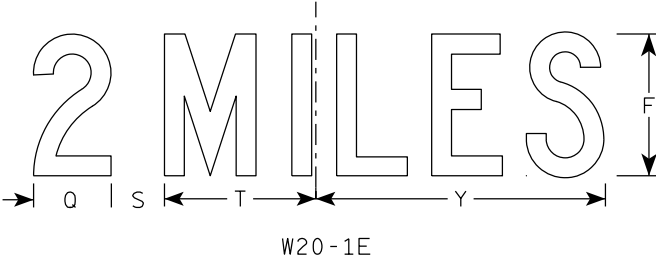
- NOTES
1. Sign is Type II - Type F Reflective
 2. Color:
Background - Orange
Message - Black
 3. Message Series - C
 4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W20-1G



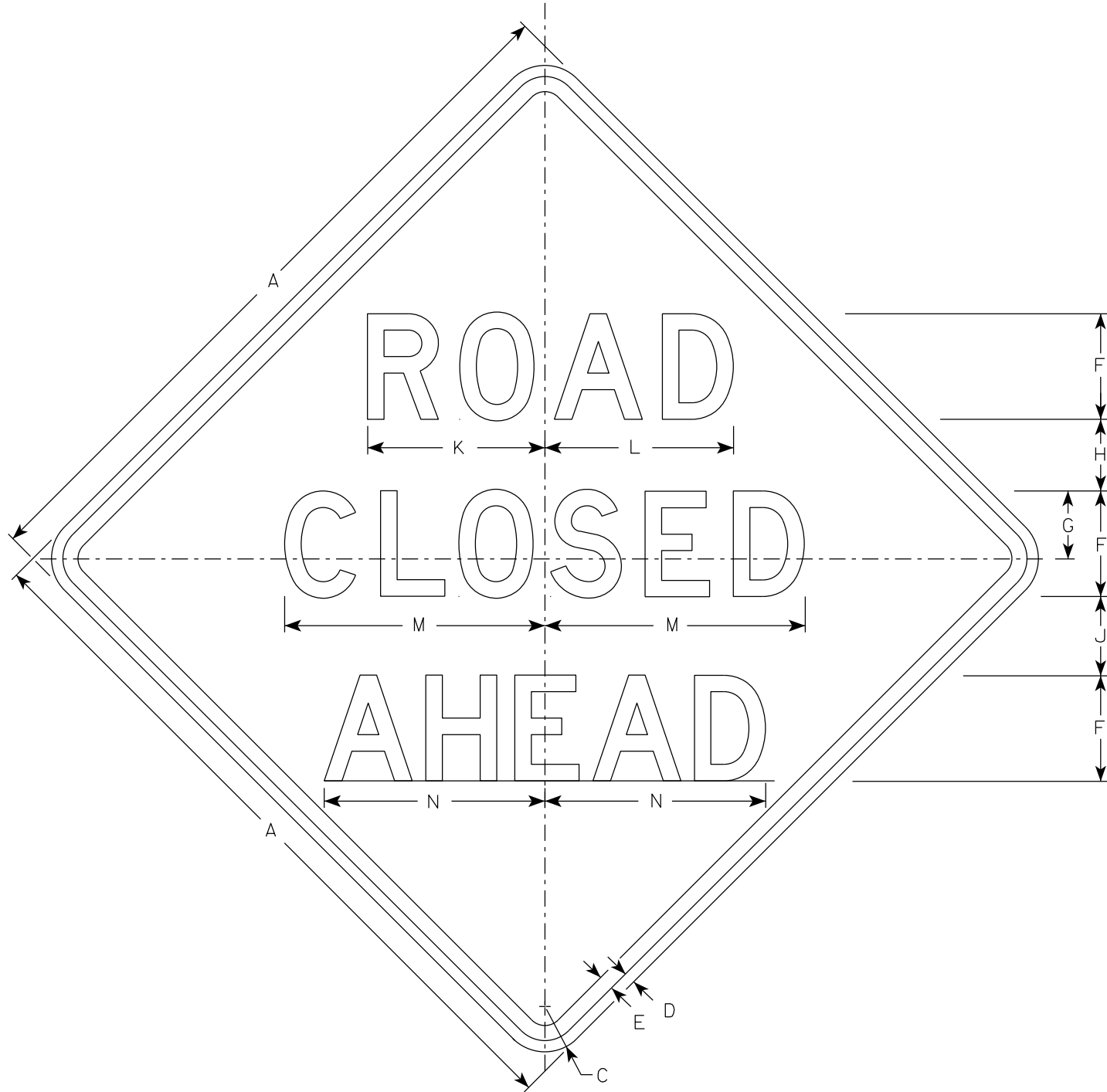
W20-1F



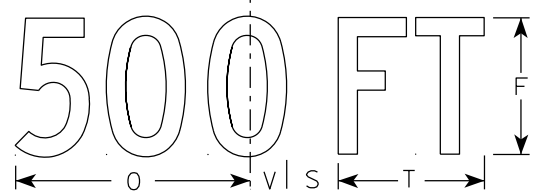
W20-1E

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		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7 5/8	8 7/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5 5/8	9	1 3/8	8	1 3/4	10 3/4	6	9.0
2S	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 7/8	5 3/8	13 7/8	4 3/8	3 7/8	3	8 5/8	13 3/4	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

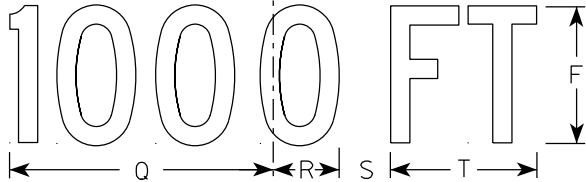
7



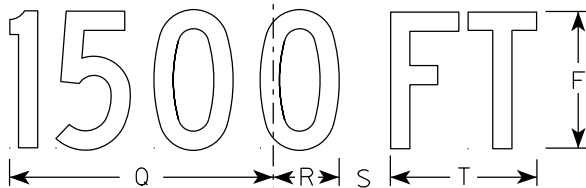
W20-3A



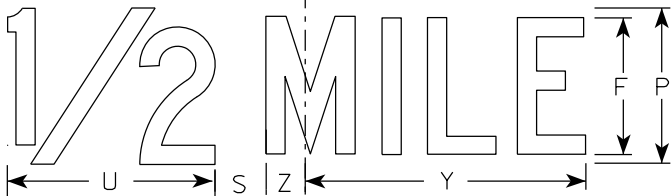
W20-3D



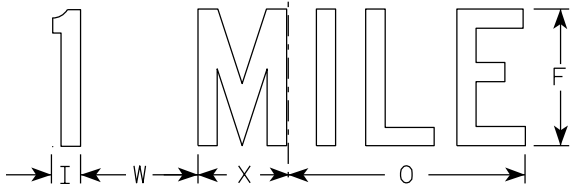
W20-3C



W20-3B



W20-3G



W20-3F

NOTES

1. Sign is Type II - Type F Reflective
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		2 1/4	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		3	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		3	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		3	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		3	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		3	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 1/10/2024 PLATE NO. W20-3.8

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	10+00	1000	0	5.60	0.00	0	0	0	0	0
	11+00	1100	100	3.71	0.28	17	1	17	1	17
	12+00	1200	100	4.38	0.31	15	1	32	2	30
	13+00	1300	100	4.30	0.28	16	1	48	3	45
	14+00	1400	100	4.65	0.03	17	1	65	4	61
	15+00	1500	100	4.91	0.16	18	0	83	5	78
	16+00	1600	100	4.61	0.14	18	1	100	5	95
	17+00	1700	100	2.55	0.13	13	1	113	6	108
	18+00	1800	100	4.66	0.04	13	0	127	6	120
	19+00	1900	100	4.47	0.04	17	0	144	6	137
	20+00	2000	100	7.26	0.00	22	0	165	7	159
	21+00	2100	100	5.30	0.11	23	0	189	7	182
	22+00	2200	100	5.74	0.00	20	0	209	7	202
	23+00	2300	100	5.92	0.33	22	1	231	8	223
	24+00	2400	100	8.03	0.00	26	1	256	9	248
	25+00	2500	100	6.46	0.06	27	0	283	9	275
	26+00	2600	100	5.78	0.25	23	1	306	9	296
	27+00	2700	100	0.52	0.36	12	1	318	11	307
	28+00	2800	100	-2.90	0.67	-4	2	313	13	300
	29+00	2900	100	38.96	0.00	67	1	380	15	365
	30+00	3000	100	41.53	0.00	149	0	529	15	514
	31+00	3100	100	32.22	0.00	137	0	666	15	651
	32+00	3200	100	37.64	0.00	129	0	795	15	780
	33+00	3300	100	59.83	0.00	181	0	975	15	961
	34+00	3400	100	68.58	0.00	238	0	1,213	15	1,199
	35+00	3500	100	42.93	0.00	207	0	1,420	15	1,405
	36+00	3600	100	50.26	0.00	173	0	1,592	15	1,578
	37+00	3700	100	36.27	0.19	160	0	1,753	15	1,737
	38+00	3800	100	22.57	1.64	109	3	1,862	19	1,842
	39+00	3900	100	26.36	4.34	91	11	1,952	33	1,919
	40+00	4000	100	0.99	9.40	51	25	2,003	65	1,938
	41+00	4100	100	-3.20	16.22	-4	47	1,999	124	1,874
	42+00	4200	100	-4.84	11.07	-15	51	1,984	188	1,796
	43+00	4300	100	0.87	7.75	-7	35	1,977	231	1,745
	44+00	4400	100	11.35	2.83	23	20	1,999	256	1,744
	45+00	4500	100	-1.38	5.12	18	15	2,018	274	1,744
	46+00	4600	100	4.90	5.77	7	20	2,024	299	1,725
	47+00	4700	100	18.02	3.79	42	18	2,067	321	1,745
	48+00	4800	100	41.71	1.11	111	9	2,177	333	1,845
	49+00	4900	100	49.78	0.00	169	2	2,347	335	2,011
	50+00	5000	100	17.57	0.58	125	1	2,471	337	2,135
	51+00	5100	100	20.49	0.33	70	2	2,542	339	2,203
	52+00	5200	100	19.61	0.07	74	1	2,616	340	2,277
	53+00	5300	100	17.06	0.62	68	1	2,684	341	2,343
	54+00	5400	100	14.64	3.24	59	7	2,743	350	2,393
	54+39	5439	39	15.61	3.35	22	5	2,765	356	2,409
	54+44	5444	5	15.75	3.29	3	1	2,768	357	2,411
	55+00	5500	56	13.98	0.99	31	4	2,798	362	2,436
	56+00	5600	100	16.46	2.19	56	6	2,855	370	2,485
	57+00	5700	100	7.11	3.10	44	10	2,899	382	2,516
	58+00	5800	100	23.10	3.23	56	12	2,954	397	2,558

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	59+00	5900	100	23.41	4.92	87	18	3,041	419	2,622
	60+00	6000	100	21.40	1.23	83	11	3,124	434	2,690
	61+00	6100	100	10.39	6.03	59	13	3,183	451	2,733
	62+00	6200	100	20.85	8.40	58	27	3,241	484	2,757
	63+00	6300	100	9.62	9.13	56	32	3,297	525	2,773
	64+00	6400	100	14.80	3.55	45	23	3,343	554	2,789
	65+00	6500	100	13.39	5.20	52	16	3,395	574	2,821
	66+00	6600	100	11.55	6.11	46	21	3,441	600	2,841
	67+00	6700	100	5.83	9.54	32	29	3,473	637	2,837
	68+00	6800	100	7.39	9.05	24	34	3,498	680	2,818
	69+00	6900	100	31.30	11.63	72	38	3,569	727	2,842
	70+00	7000	100	52.66	2.56	155	26	3,725	760	2,965
	71+00	7100	100	66.97	0.60	222	6	3,946	768	3,179
	72+00	7200	100	38.29	0.35	195	2	4,141	770	3,372
	73+00	7300	100	28.31	1.19	123	3	4,265	773	3,491
	74+00	7400	100	55.88	0.09	156	2	4,421	776	3,644
	75+00	7500	100	34.84	1.59	168	3	4,589	780	3,808
	76+00	7600	100	15.18	2.10	93	7	4,681	789	3,893
	77+00	7700	100	53.42	0.00	127	4	4,808	794	4,015
	78+00	7800	100	77.04	0.00	242	0	5,050	794	4,256
	79+00	7900	100	73.32	0.00	278	0	5,328	794	4,535
	80+00	8000	100	34.53	0.32	200	1	5,528	794	4,734
	81+00	8100	100	32.70	8.04	125	15	5,653	814	4,839
	82+00	8200	100	46.28	6.90	146	28	5,799	848	4,951
	83+00	8300	100	71.97	3.33	219	19	6,018	872	5,146
	84+00	8400	100	52.59	7.39	231	20	6,249	897	5,352
	85+00	8500	100	16.35	15.26	128	42	6,376	949	5,427
	86+00	8600	100	11.25	7.67	51	42	6,427	1,002	5,425
	87+00	8700	100	27.43	1.21	72	16	6,499	1,023	5,476
	88+00	8800	100	45.64	0.00	135	2	6,634	1,026	5,609
	89+00	8900	100	32.97	0.00	146	0	6,780	1,026	5,754
	90+00	9000	100	20.02	1.58	98	3	6,878	1,029	5,849
	91+00	9100	100	29.35	2.63	91	8	6,970	1,039	5,930
	92+00	9200	100	22.49	2.46	96	9	7,066	1,051	6,015
	93+00	9300	100	12.99	1.45	66	7	7,131	1,060	6,071
	94+00	9400	100	25.48	0.67	71	4	7,203	1,065	6,138
	95+00	9500	100	14.31	0.89	74	3	7,276	1,068	6,208
	96+00	9600	100	9.27	2.21	44	6	7,320	1,076	6,244
	97+00	9700	100	10.33	1.03	36	6	7,356	1,083	6,273
	98+00	9800	100	9.43	0.73	37	3	7,393	1,087	6,306
	99+00	9900	100	33.94	1.11	80	3	7,473	1,091	6,382
	100+00	10000	100	1.31	3.81	65	9	7,538	1,103	6,436
	101+00	10100	100	3.32	7.86	9	22	7,547	1,130	6,417
	102+00	10200	100	38.07	7.63	77	29	7,624	1,166	6,458
	103+00	10300	100	66.99	2.37	195	19	7,818	1,189	6,629
	104+00	10400	100	56.24	0.33	228	5	8,046	1,195	6,851
	105+00	10500	100	57.88	0.00	211	1	8,258	1,196	7,062
	106+00	10600	100	56.83	0.07	212	0	8,470	1,196	7,274
	107+00	10700	100	24.65	2.21	151	4	8,621	1,201	7,420
	108+00	10800	100	-2.23	10.86	42	24	8,663	1,232	7,431
	109+00	10900	100	-9.43	36.47	-22	88	8,641	1,341	7,300

PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

EARTHWORK DATA

SHEET

199

E

PROJECT ID 9258-05-73

CTH A

CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
	109+56	10956	56	-9.74	42.84	-20	89	8,621	1,452	7,169
	110+00	11000	44	2.24	61.64	-6	85	8,615	1,559	7,056
	111+00	11100	100	14.25	79.53	31	261	8,645	1,885	6,760
	111+25	11125	25	17.70	98.68	15	83	8,660	1,988	6,672
	112+00	11200	75	28.67	85.75	64	256	8,725	2,309	6,416
	113+00	11300	100	59.12	23.33	163	202	8,887	2,561	6,326
	114+00	11400	100	82.79	0.00	263	43	9,150	2,615	6,535
	114+50	11450	50	134.28	0.00	201	0	9,351	2,615	6,736
	114+75	11475	25	173.46	0.00	142	0	9,493	2,615	6,878
	115+00	11500	25	152.57	0.00	151	0	9,644	2,615	7,029
	116+00	11600	100	85.02	0.00	440	0	10,084	2,615	7,469
	117+00	11700	100	105.49	0.00	353	0	10,437	2,615	7,822
	118+00	11800	100	61.50	0.00	309	0	10,746	2,615	8,131
	119+00	11900	100	16.37	2.48	144	5	10,891	2,621	8,270
	120+00	12000	100	11.05	2.10	51	8	10,941	2,632	8,310
	121+00	12100	100	15.96	28.60	50	57	10,991	2,703	8,289
	122+00	12200	100	11.61	51.89	51	149	11,043	2,889	8,154
	123+00	12300	100	0.03	84.18	22	252	11,064	3,204	7,860
	124+00	12400	100	5.50	32.42	10	216	11,074	3,474	7,601
						11074	2779			

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	124+00	12400	0	5.50	30.42	0	0	0	0	0
	125+00	12500	100	11.11	7.48	31	70	31	88	-57
	125+50	12550	50	18.17	2.59	27	9	58	99	-41
	126+00	12600	50	27.85	3.95	43	6	101	107	-6
	127+00	12700	100	34.18	0.90	115	9	215	118	97
	128+00	12800	100	14.78	2.49	91	6	306	126	180
	129+00	12900	100	10.42	4.69	47	13	353	143	210
	130+00	13000	100	17.03	8.78	51	25	404	174	230
	131+00	13100	100	20.71	4.57	70	25	473	205	269
	132+00	13200	100	20.85	5.76	77	19	550	229	322
	133+00	13300	100	34.32	5.22	102	20	653	254	399
	134+00	13400	100	47.03	0.81	151	11	803	268	535
	135+00	13500	100	44.10	0.00	169	2	972	270	702
	136+00	13600	100	23.45	2.07	125	4	1,097	275	822
	137+00	13700	100	38.92	6.14	116	15	1,213	294	919
	138+00	13800	100	65.40	14.04	193	37	1,406	340	1,065
	139+00	13900	100	28.99	17.58	175	59	1,581	414	1,167
	140+00	14000	100	4.96	23.37	63	76	1,644	508	1,135
	141+00	14100	100	4.98	32.31	18	103	1,662	637	1,025
	142+00	14200	100	13.81	31.30	35	118	1,697	785	912
	143+00	14300	100	13.21	18.02	50	91	1,747	899	848
	144+00	14400	100	23.51	7.22	68	47	1,815	957	858
	145+00	14500	100	27.28	4.93	94	23	1,909	985	924
	146+00	14600	100	30.69	5.82	107	20	2,016	1,010	1,006
	147+00	14700	100	8.86	0.52	73	12	2,090	1,025	1,065
	148+00	14800	100	29.38	1.10	71	3	2,160	1,029	1,132
	149+00	14900	100	31.89	2.22	113	6	2,274	1,036	1,238
	150+00	15000	100	21.34	1.48	99	7	2,372	1,045	1,328
	151+00	15100	100	16.48	6.80	70	15	2,443	1,064	1,379
	152+00	15200	100	17.15	14.19	62	39	2,505	1,113	1,392
	152+32	15232	32	13.62	13.98	18	17	2,523	1,133	1,390
	153+00	15300	68	10.46	8.94	30	29	2,553	1,170	1,384
	154+00	15400	100	1.49	14.14	22	43	2,576	1,223	1,353
	155+00	15500	100	4.96	0.34	12	27	2,587	1,256	1,331
	156+00	15600	100	24.79	0.04	55	1	2,643	1,257	1,385
	157+00	15700	100	37.45	7.76	115	14	2,758	1,275	1,482
	158+00	15800	100	27.29	15.48	120	43	2,878	1,329	1,549
	159+00	15900	100	3.01	24.52	56	74	2,934	1,422	1,512
	160+00	16000	100	-0.48	18.24	5	79	2,939	1,521	1,418
	161+00	16100	100	6.54	9.28	11	51	2,950	1,584	1,365
162+00	16200	100	7.20	17.75	25	50	2,975	1,647	1,328	
163+00	16300	100	10.13	22.65	32	75	3,007	1,741	1,267	
164+00	16400	100	9.31	4.96	36	51	3,043	1,804	1,239	
165+00	16500	100	90.97	0.74	186	11	3,229	1,818	1,411	
166+00	16600	100	208.18	0.01	554	1	3,783	1,819	1,964	
167+00	16700	100	423.91	0.00	1171	0	4,954	1,819	3,134	
168+00	16800	100	276.29	0.00	1297	0	6,250	1,819	4,431	
169+00	16900	100	2.03	4.16	515	8	6,766	1,829	4,937	
170+00	17000	100	4.27	9.45	12	25	6,777	1,861	4,917	
171+00	17100	100	8.52	16.17	24	47	6,801	1,920	4,881	
171+47	17147	47	14.95	14.65	20	27	6,821	1,953	4,868	

9

9

PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

EARTHWORK DATA

SHEET

200

E

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
	171+72	17172	25	14.60	14.65	14	14	6,835	1,970	4,865
	171+97	17197	25	12.43	15.58	13	14	6,848	1,988	4,860
	172+00	17200	3	12.17	19.86	1	2	6,849	1,990	4,859
	173+00	17300	100	-3.51	44.40	16	119	6,865	2,139	4,726
	174+00	17400	100	-19.19	118.67	-42	302	6,823	2,517	4,306
	175+00	17500	100	11.45	91.44	-14	389	6,809	3,003	3,806
	176+00	17600	100	7.55	240.83	35	615	6,844	3,772	3,072
	177+00	17700	100	0.32	204.38	15	824	6,858	4,803	2,056
	177+28	17728	28	-0.31	152.81	0	186	6,858	5,035	1,823
	177+53	17753	25	2.18	116.53	1	125	6,859	5,191	1,668
	177+78	17778	25	5.95	106.56	4	103	6,863	5,320	1,543
	178+00	17800	22	8.36	54.92	6	65	6,869	5,402	1,467
	179+00	17900	100	23.72	9.85	59	120	6,928	5,552	1,377
	180+00	18000	100	123.21	2.59	272	23	7,200	5,581	1,620
	181+00	18100	100	110.16	0.10	432	5	7,633	5,587	2,046
	182+00	18200	100	6.28	2.06	216	4	7,848	5,592	2,256
	183+00	18300	100	8.87	3.06	28	9	7,876	5,604	2,273
	184+00	18400	100	28.47	0.00	69	6	7,945	5,611	2,335
	185+00	18500	100	4.48	5.86	61	11	8,006	5,624	2,382
	186+00	18600	100	-5.14	21.62	-1	51	8,005	5,688	2,317
	187+00	18700	100	4.19	43.41	-2	120	8,004	5,838	2,165
	188+00	18800	100	11.69	46.82	29	167	8,033	6,047	1,986
	189+00	18900	100	8.30	85.68	37	245	8,070	6,354	1,716
	190+00	19000	100	7.41	86.14	29	318	8,099	6,752	1,347
	191+00	19100	100	17.70	13.92	47	185	8,146	6,983	1,162
	192+00	19200	100	47.51	0.25	121	26	8,266	7,016	1,250
	193+00	19300	100	73.56	0.38	224	1	8,491	7,018	1,473
	194+00	19400	100	9.81	2.10	154	5	8,645	7,023	1,622
	195+00	19500	100	-0.32	5.77	18	15	8,663	7,042	1,621
	196+00	19600	100	20.90	3.48	38	17	8,701	7,063	1,638
	197+00	19700	100	1.52	7.16	42	20	8,742	7,088	1,655
	198+00	19800	100	4.43	8.76	11	29	8,753	7,124	1,629
	199+00	19900	100	7.07	21.93	21	57	8,775	7,195	1,579
	200+00	20000	100	6.04	58.55	24	149	8,799	7,382	1,417
	201+00	20100	100	6.32	97.87	23	290	8,822	7,744	1,078
	202+00	20200	100	6.37	44.19	24	263	8,845	8,073	773
	203+00	20300	100	3.51	8.08	18	97	8,864	8,194	670
	204+00	20400	100	15.20	2.51	35	20	8,898	8,218	680
	205+00	20500	100	14.55	0.30	55	5	8,953	8,225	729
	206+00	20600	100	103.49	0.00	219	1	9,172	8,225	947
	207+00	20700	100	46.46	0.10	278	0	9,450	8,226	1,224
	208+00	20800	100	29.42	1.76	141	3	9,590	8,230	1,360
	209+00	20900	100	5.24	0.00	64	3	9,654	8,234	1,420
	210+00	21000	100	-0.12	7.28	9	13	9,664	8,251	1,413
	211+00	21100	100	-6.39	10.68	-12	33	9,652	8,292	1,359
	212+00	21200	100	7.46	4.52	2	28	9,654	8,328	1,326
	213+00	21300	100	2.49	3.09	18	14	9,672	8,345	1,327
	214+00	21400	100	0.56	3.79	6	13	9,678	8,361	1,317
	215+00	21500	100	8.72	2.11	17	11	9,695	8,375	1,320
	216+00	21600	100	22.70	0.28	58	4	9,753	8,380	1,373

PROJECT ID 9258-05-73

CTH A

0010		REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
CATEGORY	STATION									
	217+00	21700	100	15.13	0.29	56	1	9,809	8,382	1,428
	218+00	21800	100	11.72	2.05	50	4	9,859	8,387	1,472
	219+00	21900	100	9.08	0.72	39	5	9,897	8,394	1,504
	220+00	22000	100	20.10	1.68	54	4	9,951	8,399	1,552
	221+00	22100	100	24.25	19.47	82	39	10,034	8,448	1,586
	222+00	22200	100	9.15	31.13	62	94	10,095	8,565	1,530
	222+15	22215	15	8.93	30.84	5	17	10,100	8,587	1,514
	223+00	22300	85	15.10	4.50	38	56	10,138	8,656	1,482
	224+00	22400	100	18.35	0.07	62	8	10,200	8,667	1,533
	225+00	22500	100	11.93	31.23	56	58	10,256	8,739	1,517
	226+00	22600	100	6.85	22.56	35	100	10,291	8,864	1,427
	226+50	22650	50	6.34	7.33	12	28	10,303	8,898	1,405
	227+00	22700	50	5.06	0.22	11	7	10,314	8,907	1,407
	228+00	22800	100	9.19	0.54	26	1	10,340	8,909	1,431
	229+00	22900	100	11.22	0.00	38	1	10,378	8,910	1,468
	230+00	23000	100	25.31	2.12	68	4	10,446	8,915	1,531
	231+00	23100	100	25.83	1.18	95	6	10,540	8,923	1,618
	232+00	23200	100	11.39	16.88	69	33	10,609	8,964	1,645
	233+00	23300	100	-1.04	45.05	19	115	10,628	9,108	1,520
	234+00	23400	100	-2.42	24.60	-6	129	10,622	9,269	1,353
	235+00	23500	100	-4.77	14.06	-13	72	10,609	9,359	1,250
	236+00	23600	100	-1.01	12.89	-11	50	10,598	9,421	1,177
	237+00	23700	100	41.76	0.38	75	25	10,673	9,452	1,222
	238+00	23800	100	42.00	0.00	155	1	10,828	9,453	1,376
						10828	7562			

PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

EARTHWORK DATA

SHEET

201

E

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	238+00	23800	0	42.00	0.00	0	0	0	0	0
	239+00	23900	100	48.51	0.00	168	0	168	0	168
	240+00	24000	200	0.56	19.19	182	71	349	89	260
	241+00	24100	100	-12.45	74.52	-22	174	327	306	22
	241+11	24111	11	-10.78	120.20	-5	40	323	355	-33
	242+00	24200	89	-3.17	65.54	-23	306	300	738	-438
	243+00	24300	100	6.63	39.14	6	194	306	980	-674
	244+00	24400	100	9.78	39.40	30	145	336	1,162	-826
	245+00	24500	100	4.19	14.20	26	99	362	1,286	-924
	246+00	24600	100	-12.61	28.22	-16	79	347	1,384	-1,038
	247+00	24700	100	-18.33	64.64	-57	172	289	1,599	-1,310
	248+00	24800	100	-18.33	73.80	-68	256	221	1,920	-1,698
	248+66	24866	66	8.13	85.62	-12	195	209	2,163	-1,954
	249+00	24900	34	-10.43	50.84	-1	86	207	2,271	-2,063
	250+00	25000	100	12.75	1.80	4	97	212	2,393	-2,181
	251+00	25100	100	29.65	9.60	79	21	290	2,419	-2,129
	252+00	25200	100	3.90	4.89	62	27	352	2,453	-2,100
	253+00	25300	100	-14.44	24.37	-20	54	333	2,520	-2,187
	254+00	25400	100	-18.18	44.89	-60	128	272	2,681	-2,408
	255+00	25500	100	-16.44	247.52	-64	542	208	3,357	-3,149
	256+00	25600	100	-11.44	177.10	-52	786	157	4,340	-4,184
	256+25	25625	25	-8.29	204.11	-9	176	147	4,561	-4,414
	257+00	25700	75	58.10	181.49	69	536	217	5,230	-5,014
	258+00	25800	100	60.68	52.83	220	434	437	5,773	-5,336
	259+00	25900	100	92.61	0.48	284	99	721	5,896	-5,176
	260+00	26000	100	37.58	2.28	241	5	962	5,903	-4,941
	261+00	26100	100	993.19	11.49	1909	26	2,870	5,935	-3,064
	262+00	26200	100	20.67	39.34	1878	94	4,748	6,052	-1,304
	262+82	26282	82	7.23	62.64	42	155	4,790	6,246	-1,455
	263+00	26300	18	9.17	66.25	5	43	4,796	6,299	-1,504
	264+00	26400	100	15.84	0.00	46	123	4,842	6,453	-1,611
	265+00	26500	100	7.62	532.07	43	985	4,885	7,684	-2,799
	266+00	26600	100	14.30	0.00	41	985	4,926	8,916	-3,990
	267+00	26700	100	168.20	0.00	338	0	5,264	8,916	-3,652
	268+00	26800	100	139.21	0.00	569	0	5,833	8,916	-3,083
	269+00	26900	100	63.04	0.36	375	1	6,208	8,917	-2,709
	270+00	27000	100	52.10	2.23	213	5	6,421	8,923	-2,502
	271+00	27100	100	51.58	0.00	192	4	6,613	8,928	-2,315
	272+00	27200	100	41.92	0.13	173	0	6,786	8,928	-2,142
	273+00	27300	100	41.64	2.81	155	5	6,941	8,935	-1,994
	274+00	27400	100	18.22	3.78	111	12	7,052	8,950	-1,899
	274+62	27462	62	10.70	0.00	33	4	7,085	8,956	-1,871
	275+00	27500	38	15.36	8.21	18	6	7,103	8,963	-1,860
	276+00	27600	100	4.01	0.00	36	15	7,139	8,982	-1,843
	277+00	27700	100	15.91	0.00	37	0	7,176	8,982	-1,806
	278+00	27800	100	28.26	0.00	82	0	7,258	8,982	-1,724
	279+00	27900	100	41.12	0.00	128	0	7,386	8,982	-1,596
	280+00	28000	100	15.58	27.62	105	51	7,491	9,046	-1,555
	281+00	28100	100	18.90	35.00	64	116	7,555	9,191	-1,636
	282+00	28200	100	9.60	44.99	53	148	7,608	9,376	-1,768
	283+00	28300	100	11.97	27.24	40	134	7,648	9,543	-1,896

PROJECT ID 9258-05-73

CTH A											
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)			
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE	
0010	284+00	28400	100	5.29	28.19	20	104	7,667	9,674	-2,007	
	285+00	28500	100	22.32	0.07	51	52	7,718	9,739	-2,021	
	286+00	28600	100	67.95	0.00	167	0	7,886	9,739	-1,854	
	287+00	28700	100	179.27	0.00	458	0	8,343	9,739	-1,396	
	288+00	28800	100	98.69	0.00	515	0	8,858	9,739	-881	
	289+00	28900	100	29.87	1.04	238	2	9,096	9,742	-646	
	290+00	29000	100	42.81	0.00	135	2	9,231	9,744	-513	
	291+00	29100	100	17.14	0.00	111	0	9,342	9,744	-402	
	292+00	29200	100	8.85	0.60	48	1	9,390	9,746	-356	
	293+00	29300	100	5.76	3.55	27	8	9,417	9,755	-338	
	294+00	29400	100	3.09	11.67	16	28	9,433	9,790	-357	
	295+00	29500	100	8.95	6.88	22	34	9,456	9,833	-378	
	296+00	29600	100	11.66	1.97	38	16	9,494	9,854	-360	
	297+00	29700	100	12.15	0.17	44	4	9,538	9,859	-321	
	298+00	29800	100	11.58	1.11	44	2	9,582	9,862	-280	
	299+00	29900	100	12.87	0.19	45	2	9,627	9,865	-238	
	300+00	30000	100	18.34	0.00	58	0	9,685	9,865	-180	
	301+00	30100	100	15.37	0.24	62	0	9,747	9,866	-119	
	302+00	30200	100	18.41	0.10	63	1	9,810	9,867	-57	
	303+00	30300	100	98.50	0.00	216	0	10,026	9,867	159	
	304+00	30400	100	65.15	0.00	303	0	10,329	9,867	462	
	305+00	30500	100	8.72	2.51	137	5	10,466	9,873	593	
	306+00	30600	100	-7.42	91.87	2	175	10,468	10,091	377	
	306+52	30652	52	-14.79	147.92	-21	231	10,447	10,380	67	
	307+00	30700	48	-15.65	90.57	-27	212	10,420	10,645	-225	
	308+00	30800	100	2.43	0.03	-24	168	10,396	10,854	-459	
	309+00	30900	100	1.77	0.12	8	0	10,403	10,855	-452	
	310+00	31000	100	10.30	4.55	22	9	10,426	10,866	-440	
	311+00	31100	100	17.06	0.25	51	9	10,476	10,877	-400	
	312+00	31200	100	6.09	2.40	43	5	10,519	10,883	-364	
	313+00	31300	100	11.08	0.71	32	6	10,551	10,890	-339	
	314+00	31400	100	-13.48	18.77	-4	36	10,546	10,935	-389	
	315+00	31500	100	-9.85	17.49	-43	67	10,503	11,019	-516	
	316+00	31600	100	-0.57	9.05	-19	49	10,484	11,081	-597	
	317+00	31700	100	6.46	13.54	11	42	10,495	11,133	-638	
	318+00	31800	100	2.86	19.58	17	61	10,512	11,210	-697	
	319+00	31900	100	6.51	6.48	17	48	10,529	11,270	-740	
	320+00	32000	100	25.48	7.94	59	27	10,589	11,303	-715	
	321+00	32100	100	6.72	18.56	60	49	10,648	11,365	-716	
	322+00	32200	100	9.06	7.44	29	48	10,677	11,425	-747	
	323+00	32300	100	11.93	5.18	39	23	10,716	11,454	-738	
	324+00	32400	100	34.56	0.30	86	10	10,802	11,467	-664	
	325+00	32500	100	15.51	0.45	93	1	10,895	11,468	-573	
	326+00	32600	100	14.95	1.09	56	3	10,952	11,472	-520	
	327+00	32700	100	25.06	1.58	74	5	11,026	11,478	-453	
	328+00	32800	100	53.69	0.00	146	3	11,171	11,482	-310	
	329+00	32900	100	61.15	0.43	213	1	11,384	11,483	-99	
		330+00	33000	100	37.98	3.38	184	7	11,568	11,492	76
		331+00	33100	100	-18.33	74.22	36	144	11,604	11,671	-67
		332+00	33200	100	-18.33	314.38	-68	720	11,536	12,571	-1,035

9

9

PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

EARTHWORK DATA

SHEET

202

E

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	332+96	33296	96	-18.33	441.78	-65	1573	11,471	14,537	-3,066
	333+00	33300	4	-18.33	436.71	-3	63	11,468	14,616	-3,147
	334+00	33400	100	-18.33	227.61	-68	1230	11,400	16,153	-4,753
	335+00	33500	100	23.54	0.35	10	422	11,410	16,681	-5,271
	335+65	33565	65	230.08	0.01	305	0	11,715	16,682	-4,966
	336+00	33600	35	230.76	0.00	299	0	12,014	16,682	-4,668
	336+75	33675	75	185.31	0.00	578	0	12,592	16,682	-4,090
	337+00	33700	25	145.73	0.00	153	0	12,745	16,682	-3,937
	337+10	33710	10	119.55	0.00	49	0	12,794	16,682	-3,887
	338+00	33800	90	100.60	2.18	367	4	13,161	16,686	-3,525
	339+00	33900	100	-0.85	7.55	185	18	13,346	16,709	-3,363
	340+00	34000	100	-18.33	75.08	-36	153	13,310	16,900	-3,590
	341+00	34100	100	-18.33	69.73	-68	268	13,242	17,235	-3,993
	342+00	34200	100	-18.33	147.69	-68	403	13,174	17,738	-4,564
	343+00	34300	100	18.33	94.76	68	449	13,107	18,300	5,193
	344+00	34400	100	18.33	146.86	0	447	13,107	18,859	-5,752
	345+00	34500	100	195.27	23.74	396	316	13,502	19,254	5,752
	346+00	34600	100	340.77	0.00	993	44	14,495	19,309	-4,814
	346+85	34685	85	311.62	0.00	1027	0	15,522	19,309	3,787
	347+00	34700	15	262.79	0.00	160	0	15,681	19,309	-3,628
	348+00	34800	100	87.18	0.00	648	0	16,329	19,309	-2,980
	349+00	34900	100	71.02	0.00	293	0	16,622	19,309	-2,687
	350+00	35000	100	16.45	2.44	162	5	16,784	19,314	-2,530
	351+00	35100	100	-18.33	46.43	-3	91	16,781	19,428	-2,647
	352+00	35200	100	-18.33	185.42	-68	429	16,713	19,964	-3,251
						16713	15971			

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
	394+00	39400	100	28.17	0.06	104	0	11,683	6,519	5,165
	395+00	39500	100	43.59	0.17	133	0	11,816	6,519	5,297
	396+00	39600	100	62.87	0.00	197	0	12,013	6,520	5,494
	397+00	39700	100	71.96	0.00	250	0	12,263	6,520	5,743
	397+19	39719	19	72.31	0.02	51	0	12,314	6,520	5,795
	398+00	39800	81	59.54	0.00	197	0	12,512	6,520	5,992
	398+51	39851	51	84.94	0.00	136	0	12,648	6,520	6,128
	399+00	39900	49	64.58	0.35	136	0	12,784	6,520	6,264
	400+00	40000	100	-18.33	59.11	86	110	12,869	6,658	6,212
	400+47	40047	47	-18.33	215.50	-32	239	12,838	6,956	5,882
	400+72	40072	25	-18.33	384.20	-17	278	12,821	7,303	5,518
	400+97	40097	25	-18.33	404.11	-17	365	12,804	7,759	5,045
	401+00	40100	3	-18.33	411.95	-2	47	12,801	7,818	4,984
	402+00	40200	100	-18.32	338.71	-68	1390	12,734	9,555	3,178
	403+00	40300	100	-18.31	176.92	-68	955	12,666	10,749	1,917
	404+00	40400	100	-18.33	70.18	-68	458	12,598	11,321	1,277
	404+03	40403	3	-18.33	63.77	-2	8	12,596	11,330	1,265
	404+28	40428	25	-6.16	24.27	-11	41	12,584	11,381	1,203
	404+53	40453	25	22.70	5.21	8	14	12,592	11,398	1,194
	405+00	40500	47	125.04	0.00	128	5	12,720	11,404	1,316
	406+00	40600	100	231.33	0.00	660	0	13,380	11,404	1,976
	407+00	40700	100	250.43	0.00	892	0	14,272	11,404	2,868
	408+00	40800	100	221.16	0.00	873	0	15,146	11,404	3,742
	409+00	40900	100	112.84	0.00	619	0	15,764	11,404	4,360
	410+00	41000	100	50.31	0.00	302	0	16,066	11,404	4,662
	411+00	41100	100	179.15	4.92	425	9	16,491	11,415	5,076
	412+00	41200	100	6.51	79.94	344	157	16,835	11,612	5,223
	412+70	41270	70	7.43	127.35	18	269	16,853	11,948	4,905
	413+00	41300	30	10.60	127.85	10	142	16,863	12,125	4,738
	414+00	41400	100	18.12	0.62	53	238	16,916	12,422	4,494
	415+00	41500	100	39.09	1.16	106	3	17,022	12,427	4,596
	416+00	41600	100	22.75	0.43	115	3	17,137	12,430	4,707
	417+00	41700	100	4.39	13.32	50	25	17,187	12,462	4,725
	418+00	41800	100	-1.59	39.33	5	98	17,192	12,584	4,608
	419+00	41900	100	-0.69	6.80	-4	85	17,188	12,691	4,497
	420+00	42000	100	-8.89	14.33	-18	39	17,170	12,740	4,431
	421+00	42100	100	-18.29	23.91	-50	71	17,120	12,828	4,292
	422+00	42200	100	-17.68	17.06	-67	76	17,053	12,923	4,130
	423+00	42300	100	-1.27	2.02	-35	35	17,018	12,967	4,051
	424+00	42400	100	16.72	0.04	29	4	17,047	12,972	4,075
	425+00	42500	100	29.79	0.00	86	0	17,133	12,972	4,161
	426+00	42600	100	24.29	0.00	100	0	17,233	12,972	4,261
	427+00	42700	100	21.23	0.00	84	0	17,317	12,972	4,345
	428+00	42800	100	3.57	1.02	46	2	17,363	12,974	4,389
	429+00	42900	100	2.81	0.02	12	2	17,375	12,977	4,398
	430+00	43000	100	2.46	1.26	10	2	17,385	12,980	4,405
	431+00	43100	100	21.83	0.00	45	2	17,430	12,983	4,447
	432+00	43200	100	15.83	0.02	70	0	17,499	12,983	4,517
	433+00	43300	100	7.88	0.69	44	1	17,543	12,984	4,559
	434+00	43400	100	6.58	2.77	27	6	17,570	12,992	4,578

PROJECT NO: 9258-05-73

HWY: CTH A

COUNTY: MARINETTE

EARTHWORK DATA

SHEET

203

E

PROJECT ID 9258-05-73

CTH A										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
	435+00	43500	100	14.06	1.62	52	6	17,622	13,000	4,622
	436+00	43600	100	19.43	1.83	62	6	17,684	13,008	4,676
	437+00	43700	100	19.40	2.01	72	7	17,756	13,017	4,739
	438+00	43800	100	19.75	1.34	72	6	17,829	13,024	4,804
	438+86	43886	86	18.89	5.41	62	11	17,890	13,038	4,852
	439+00	43900	14	9.89	9.92	7	4	17,898	13,043	4,855
	440+00	44000	100	15.19	2.73	46	23	17,944	13,072	4,872
	441+00	44100	100	9.28	1.11	45	7	17,989	13,081	4,908
	442+00	44200	100	8.00	1.35	32	5	18,021	13,087	4,935
	443+00	44300	100	7.05	3.30	28	9	18,049	13,098	4,952
	444+00	44400	100	12.16	1.01	36	8	18,085	13,107	4,977
	445+00	44500	100	35.39	0.00	88	2	18,173	13,110	5,063
	446+00	44600	100	19.36	0.00	101	0	18,274	13,110	5,164
	447+00	44700	100	-7.54	2.19	22	4	18,296	13,115	5,181
	448+00	44800	100	-6.20	2.50	-25	9	18,271	13,126	5,145
	449+00	44900	100	1.57	10.18	-9	23	18,262	13,155	5,107
	449+27	44927	27	1.03	11.17	1	11	18,263	13,168	5,095
	450+00	45000	73	-3.68	6.20	-4	23	18,260	13,198	5,062
	451+00	45100	100	26.44	0.02	42	12	18,302	13,212	5,090
	452+00	45200	100	14.99	1.39	77	3	18,379	13,215	5,163
	453+00	45300	100	28.75	0.28	81	3	18,460	13,219	5,240
	454+00	45400	100	49.12	0.00	144	1	18,604	13,220	5,384
	455+00	45500	100	26.47	0.00	140	0	18,744	13,220	5,524
	456+00	45600	100	11.00	1.10	69	2	18,813	13,223	5,591
	457+00	45700	100	-0.88	7.89	19	17	18,832	13,243	5,588
	458+00	45800	100	3.50	4.99	5	24	18,837	13,273	5,563
	459+00	45900	100	3.17	12.63	12	33	18,849	13,314	5,535
	459+21	45921	21	4.95	12.62	3	10	18,852	13,326	5,526
	460+00	46000	79	9.24	2.35	21	22	18,873	13,354	5,519
	461+00	46100	100	5.53	18.39	27	38	18,900	13,402	5,499
	462+00	46200	100	25.85	24.90	58	80	18,958	13,502	5,456
	463+00	46300	100	24.36	0.11	93	46	19,051	13,560	5,492
	464+00	46400	100	28.27	0.00	97	0	19,149	13,560	5,589
	465+00	46500	100	6.52	0.00	64	0	19,213	13,560	5,653
	465+50	46550	50	35.49	0.00	39	0	19,252	13,560	5,692
						19252	10848			

PROJECT ID 9258-05-73

BIZJAK LANE 'BZ'										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	17+95	1795	0	51.07	0.00	0	0	0	0	0
	18+00	1800	5	50.62	0.00	9	0	9	0	9
	18+25	1825	30	45.62	0.07	53	0	63	0	63
	18+50	1850	25	22.44	4.12	32	2	94	2	92
	18+75	1875	25	19.13	29.05	19	15	113	22	92
	18+78	1878	3	17.76	36.48	2	4	116	26	89
	19+00	1900	22	0.76	27.03	8	26	123	59	64
	19+25	1925	25	1.16	2.08	1	13	124	75	49
	19+50	1950	25	2.13	1.54	2	2	125	78	48
						125	62			

PROJECT ID 9258-05-73

GETAWAY LANE 'GL'										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	20+48	2048	0	0.00	105.23	0	0	0	0	0
	20+53	2053	5	0.00	242.85	0	34	0	43	-43
	20+75	2075	22	0.00	252.39	0	197	0	289	-289
	21+00	2100	25	0.00	246.20	0	231	0	578	-578
	21+25	2125	25	0.00	219.45	0	216	0	848	-848
	21+75	2175	50	0.00	88.01	0	285	0	1,203	-1,203
	22+00	2200	25	0.00	29.62	0	54	0	1,271	-1,271
	22+25	2225	25	2.40	0.14	1	14	1	1,289	-1,288
	22+50	2250	25	29.56	0.00	15	0	16	1,289	-1,273
	22+70	2270	20	39.26	0.00	25	0	41	1,289	-1,247
	22+75	2275	5	41.26	0.00	7	0	49	1,289	-1,240
	23+00	2300	25	60.02	0.00	47	0	96	1,289	-1,193
	23+25	2325	25	62.07	0.00	57	0	152	1,289	-1,136
						152	1031			

PROJECT ID 9258-05-73

NEWTON LAKE ROAD 'NR'										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	18+92	1892	0	49.30	0.55	0	0	0	0	0
	19+00	1900	8	39.33	0.01	13	0	13	0	13
	19+25	1925	33	7.36	0.97	29	1	42	1	41
	19+45	1945	20	0.00	2.90	3	1	45	3	42
						45	2			

PROJECT ID 9258-05-73

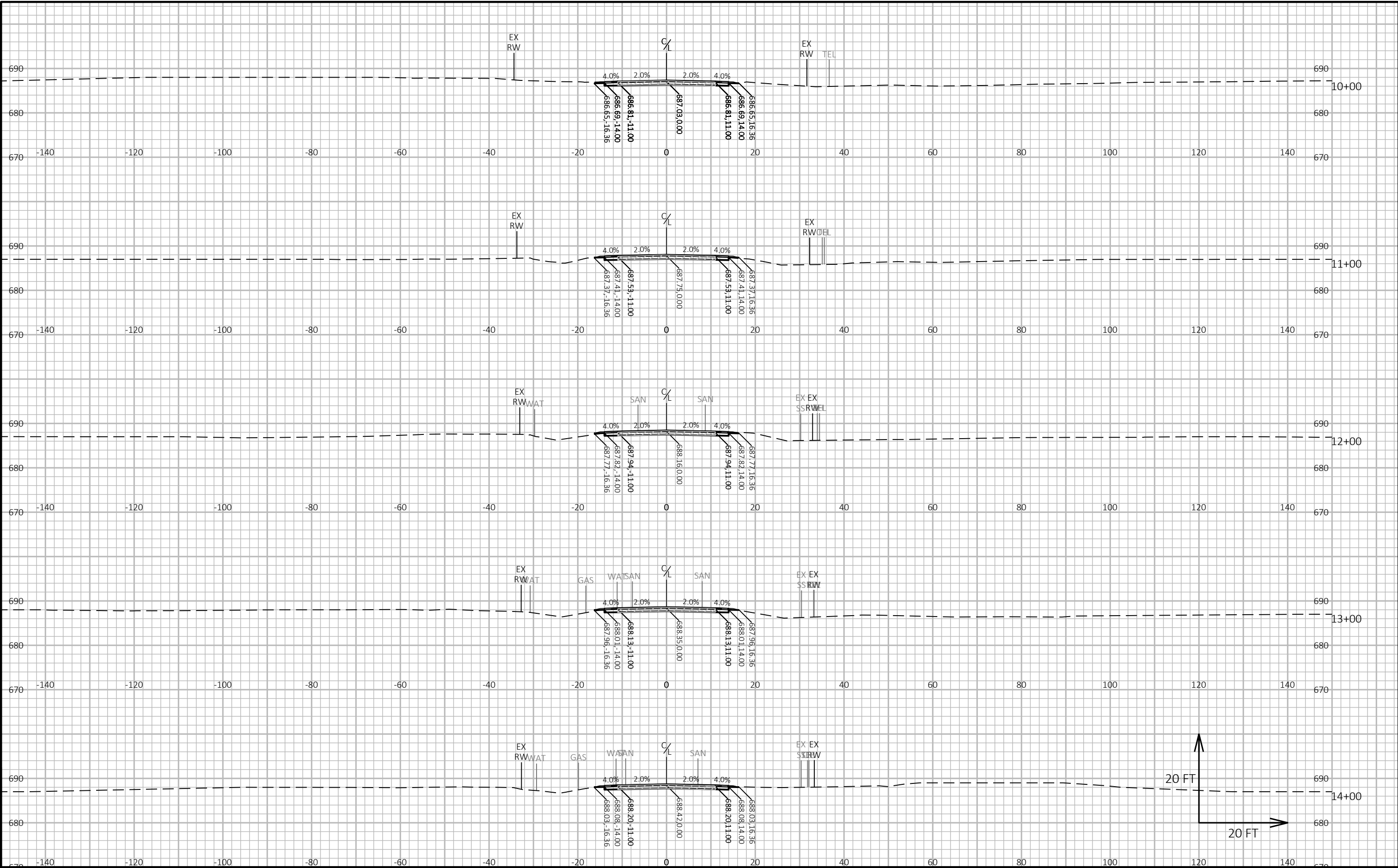
ROYAL ANN LANE 'RL'										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	17+95	1795	0	51.07	0.00	0	0	0	0	0
	18+00	1800	5	50.62	0.00	9	0	9	0	9
	18+25	1825	25	45.62	0.07	45	0	54	0	54
	18+50	1850	25	22.44	4.12	32	2	85	2	83
	18+75	1875	25	19.13	29.05	19	15	105	22	83
	18+78	1878	3	17.76	36.48	2	4	107	26	80
	19+00	1900	22	0.76	27.03	8	26	114	59	56
	19+25	1925	25	1.16	2.08	1	13	115	75	40
	19+50	1950	25	2.13	1.54	2	2	117	77	39
						117	62			

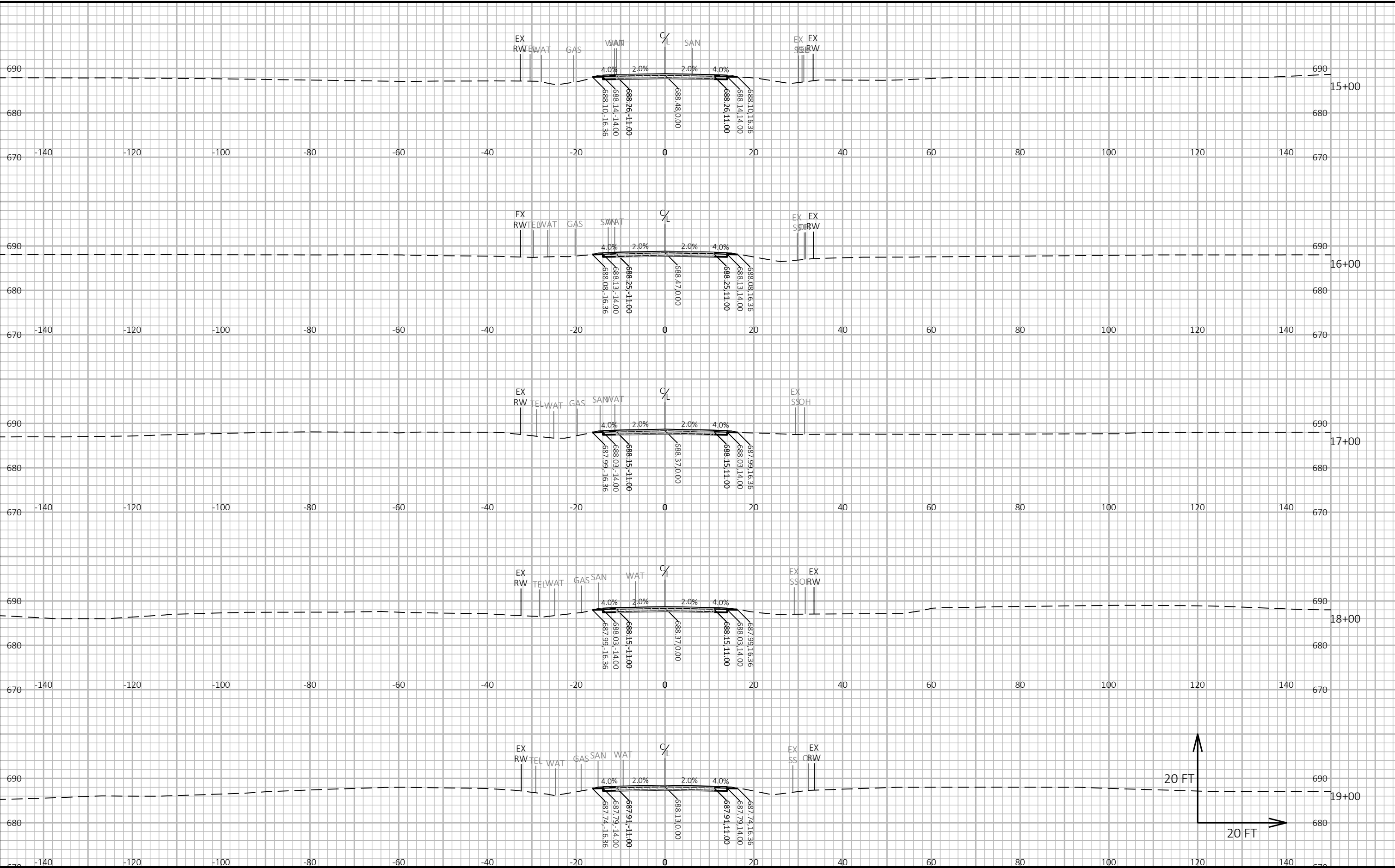
PROJECT ID 9258-05-73

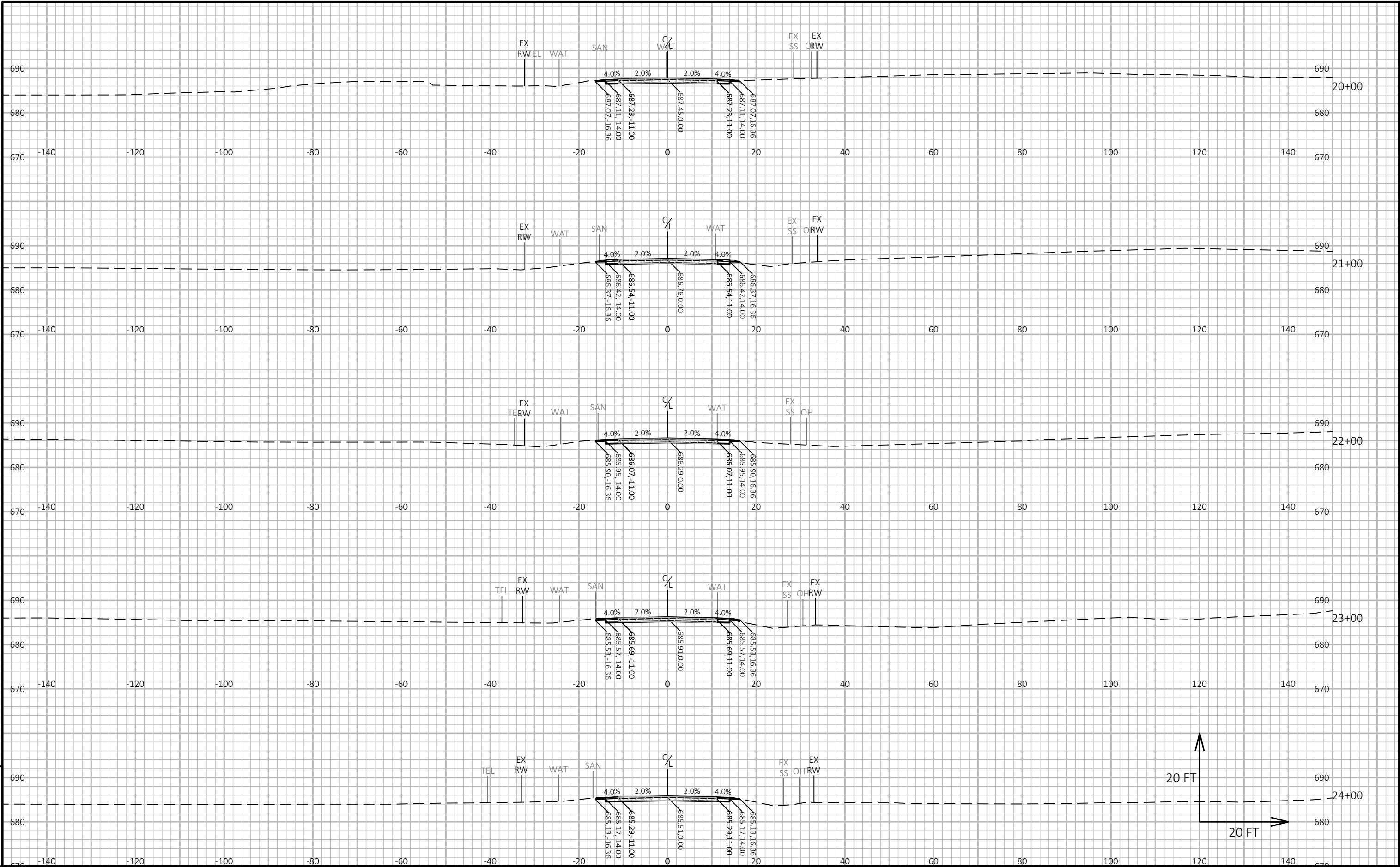
KANIKULA LANE 'KL'										
CATEGORY	STATION	REAL STATION	DISTANCE	AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
				CUT	FILL	CUT	FILL	CUT 1.00	EXPANDED FILL 1.25	MASS ORDINATE
0010	20+41	2041	0	54.16	0.00	0	0	0	0	0
	20+50	2050	9	103.65	0.00	25	0	25	0	25
	20+56	2056	14	145.95	0.00	66	0	91	0	91
	20+75	2075	19	126.60	0.00	97	0	188	0	188
	20+95	2095	20	103.46	0.00	84	0	272	0	272
						272	0			

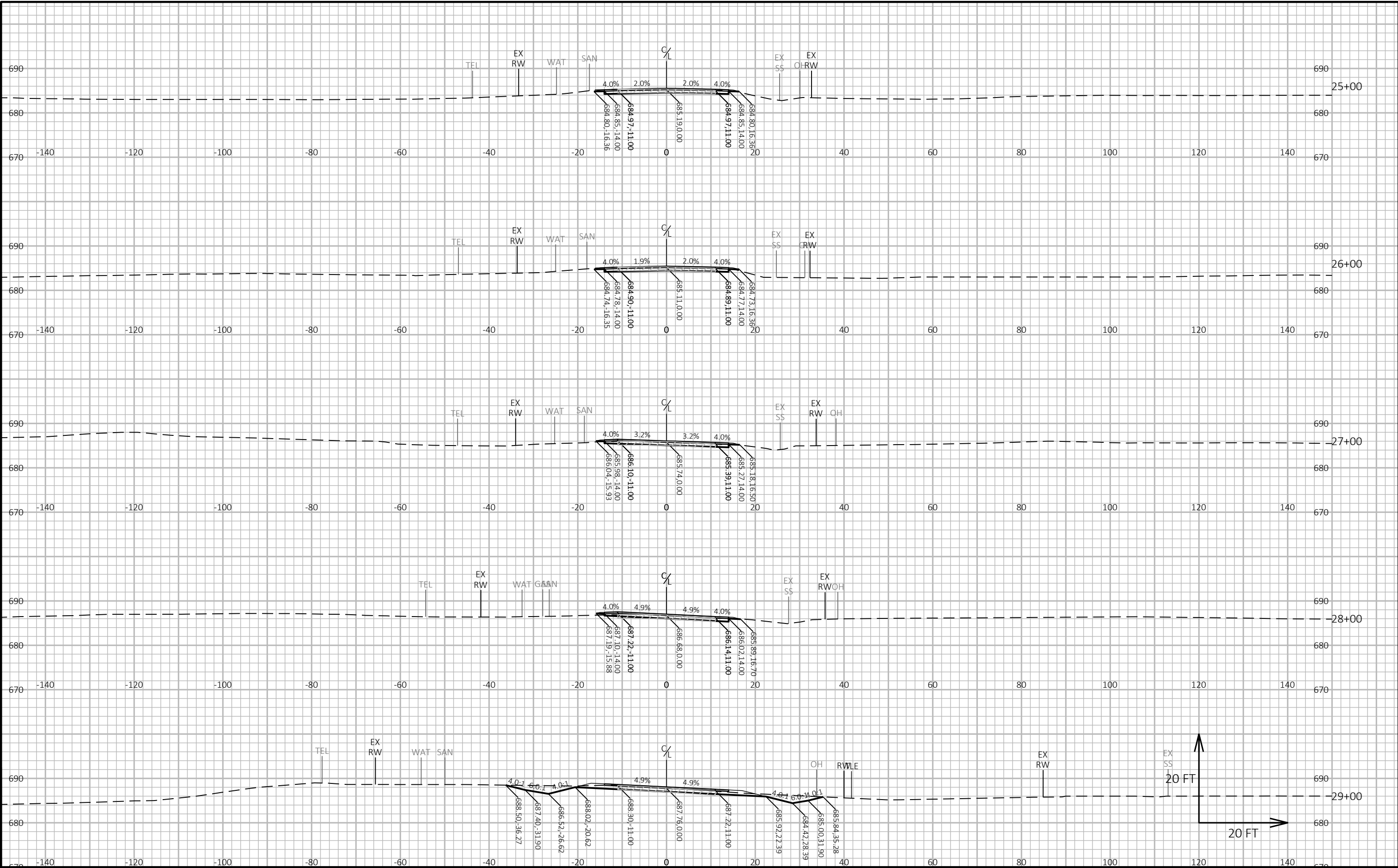
9

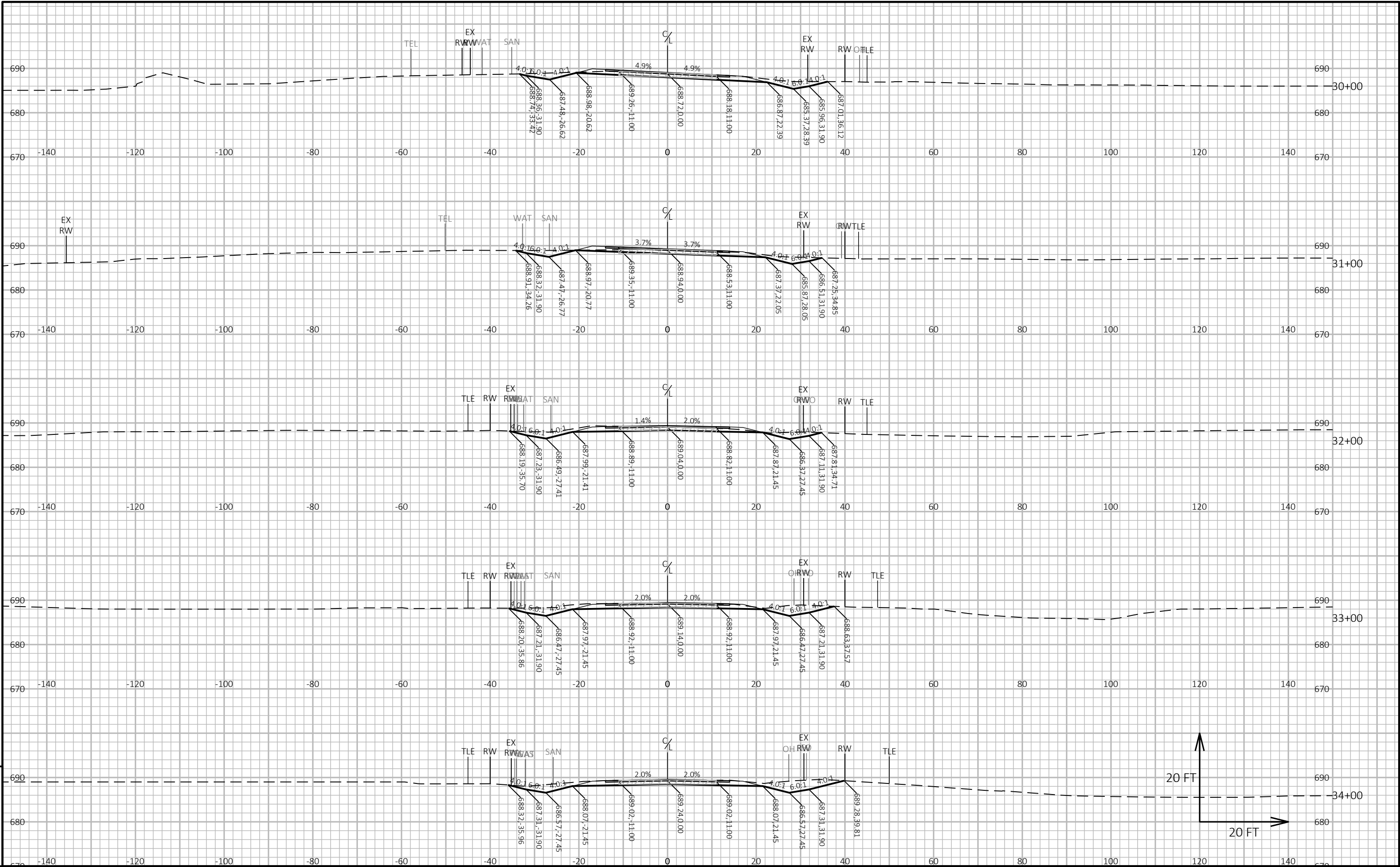
9

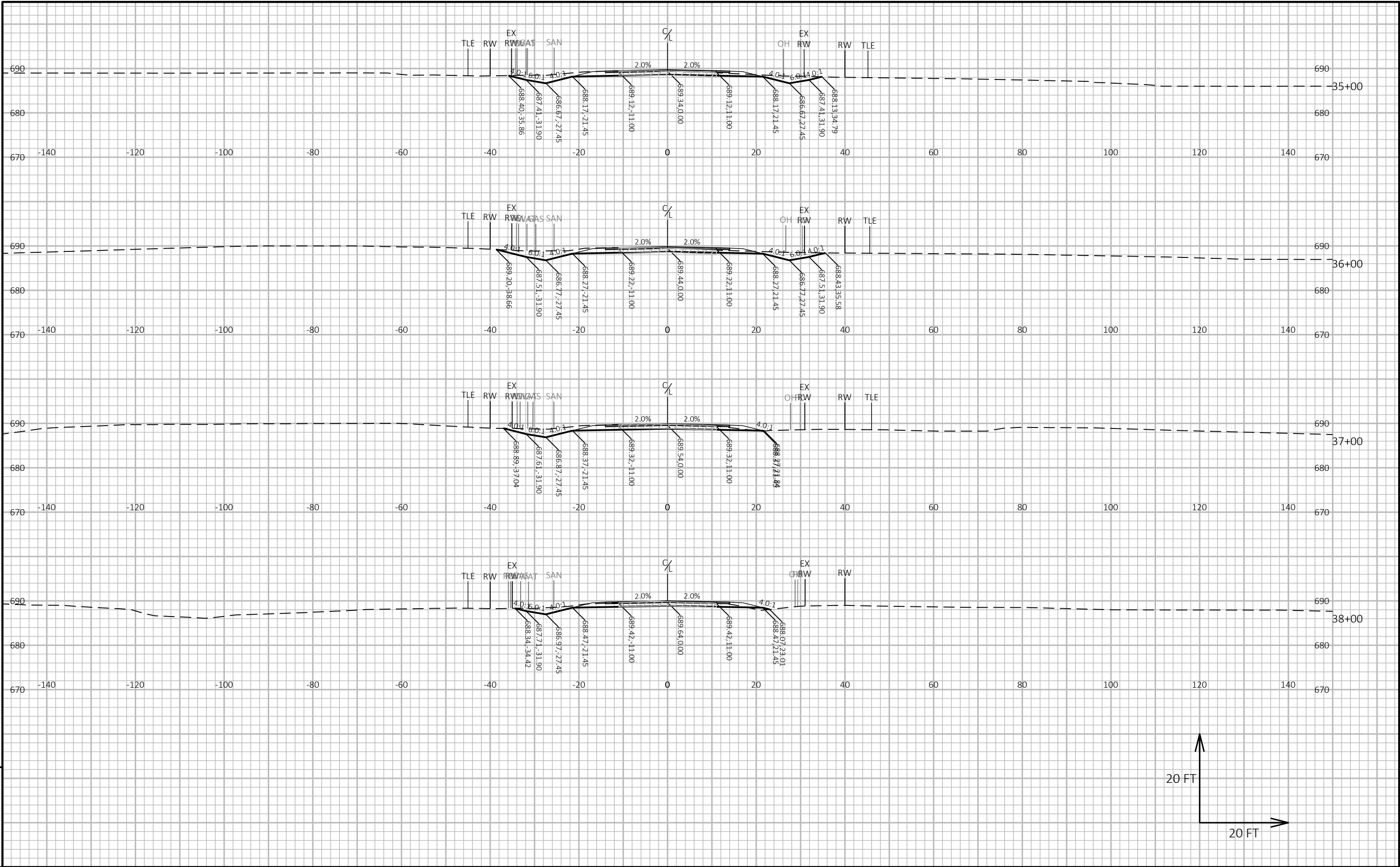


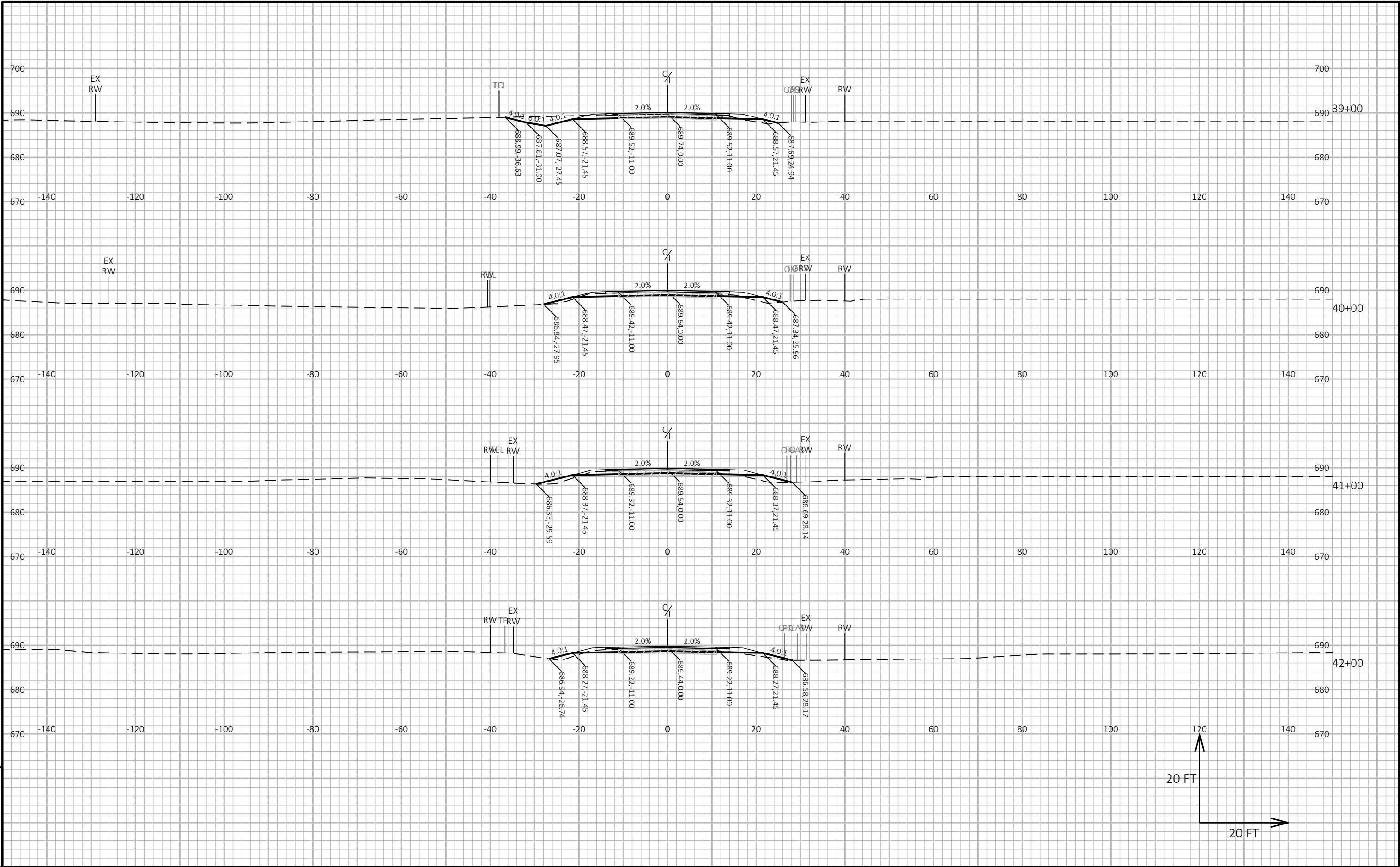


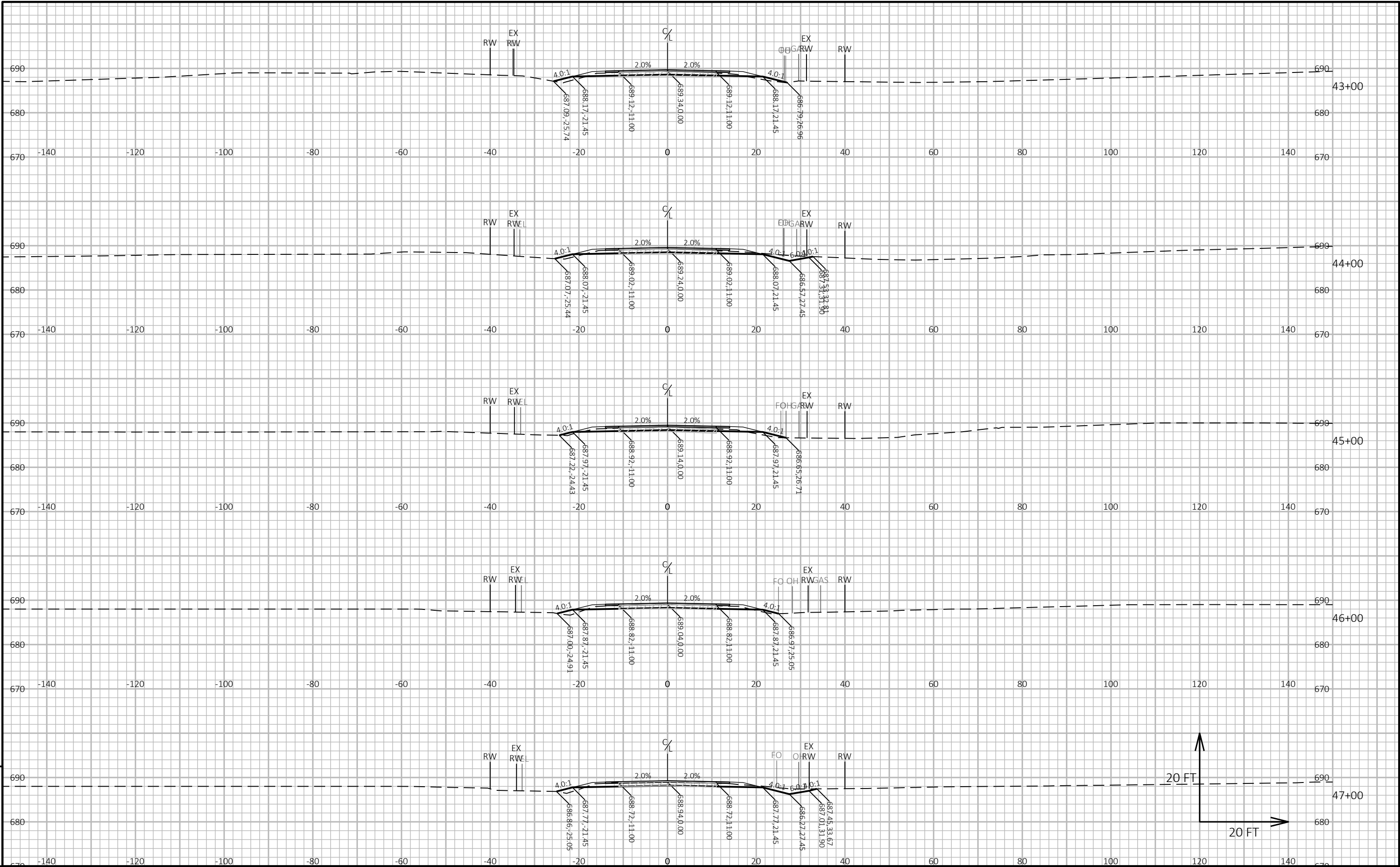


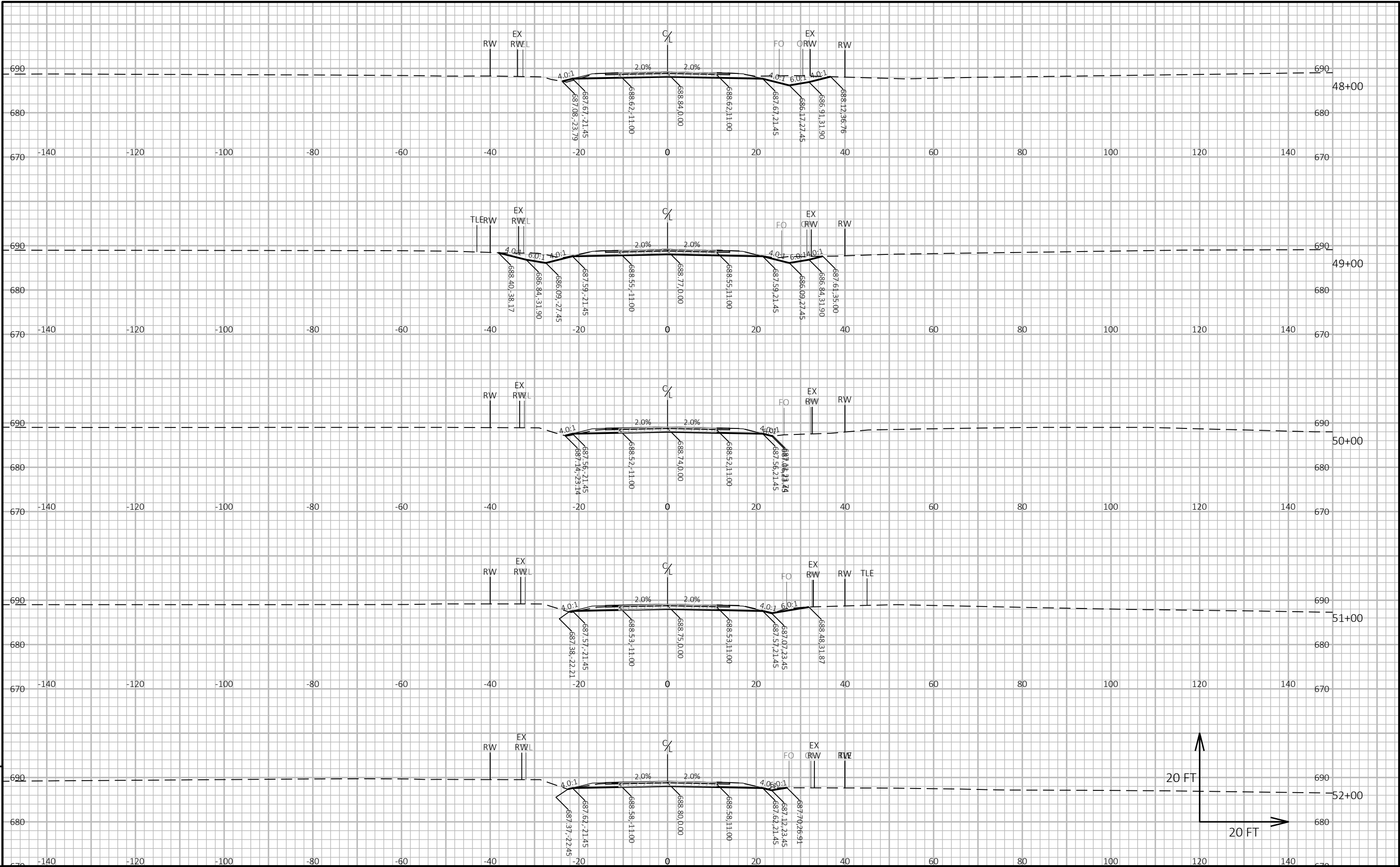


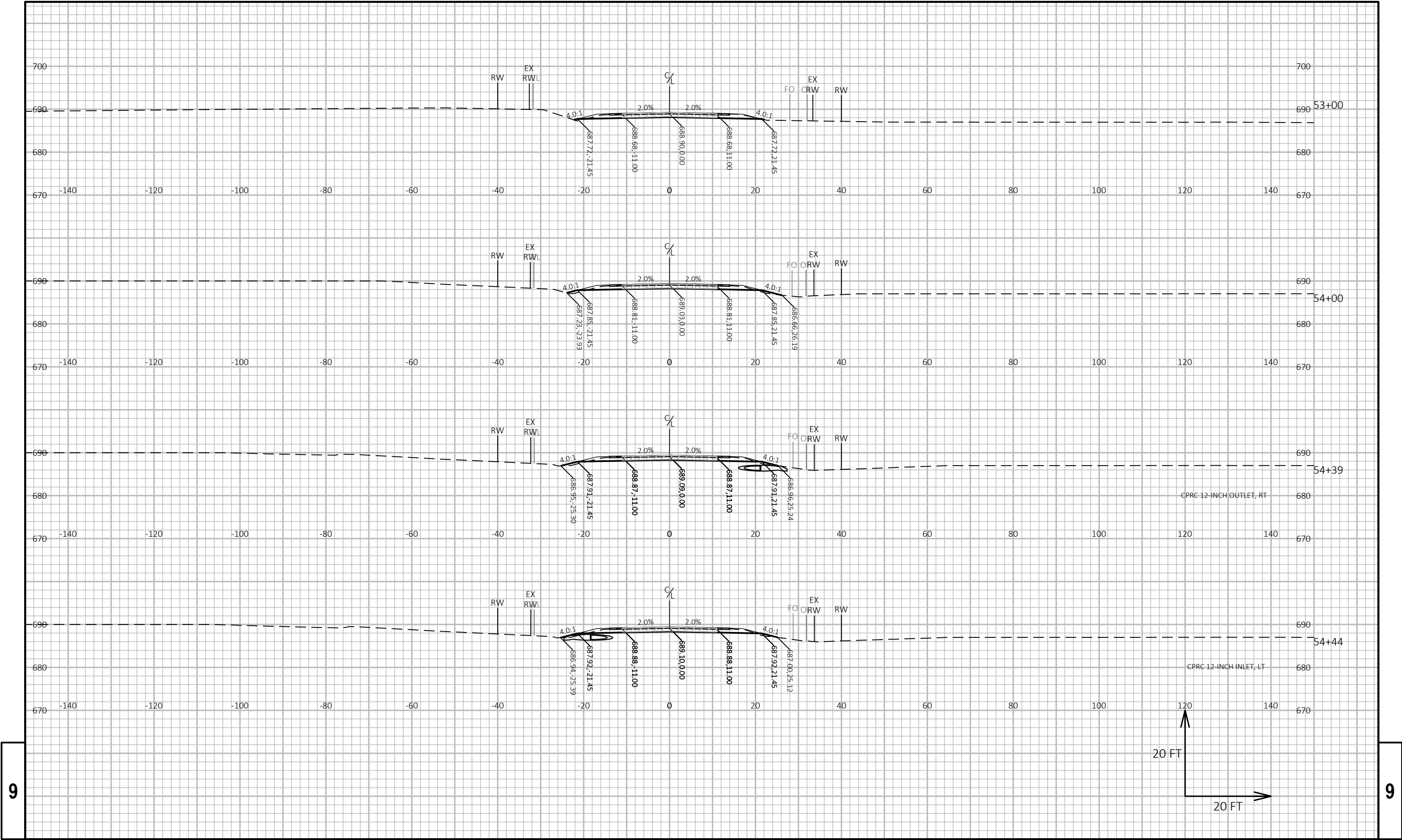






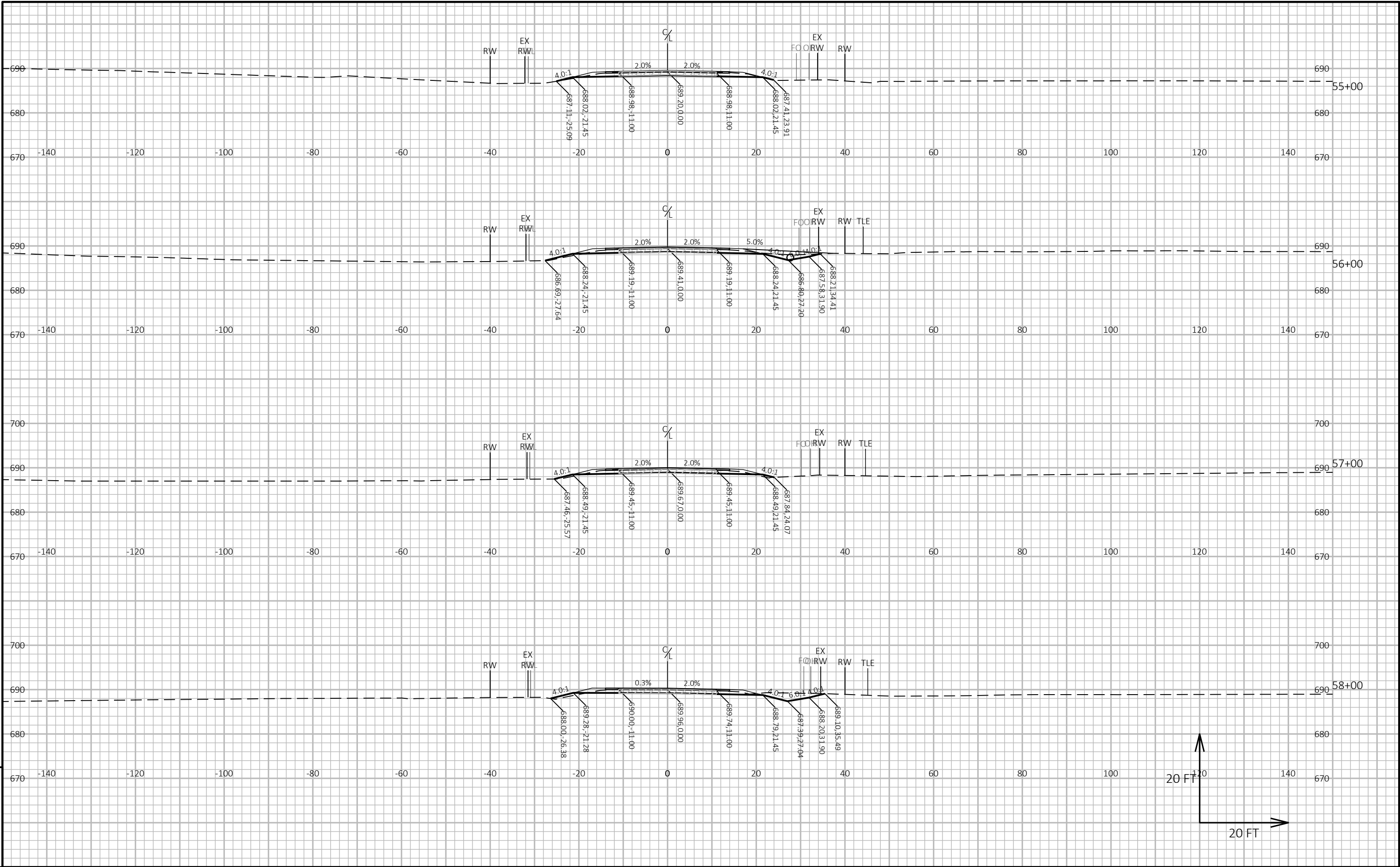




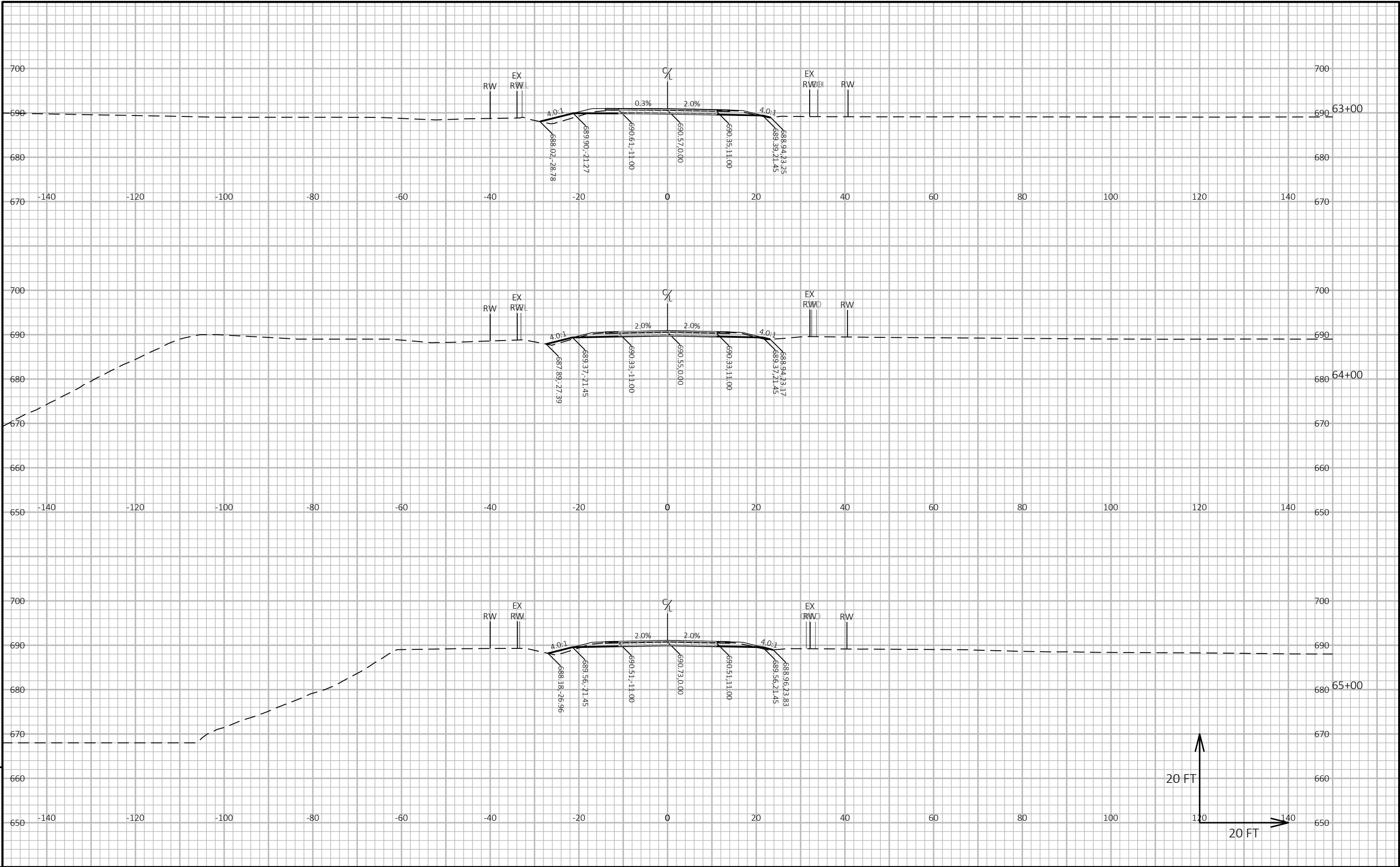


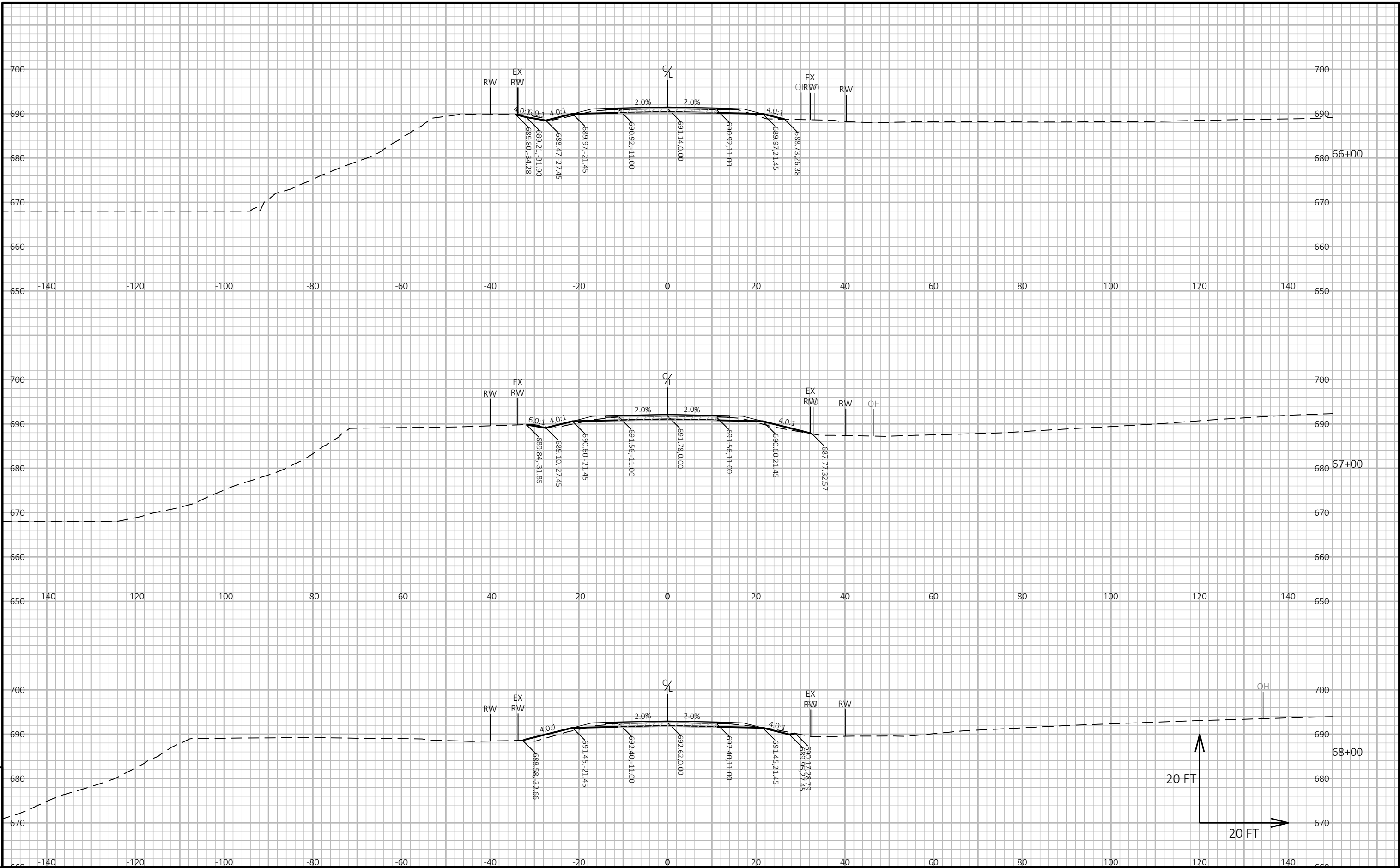
9

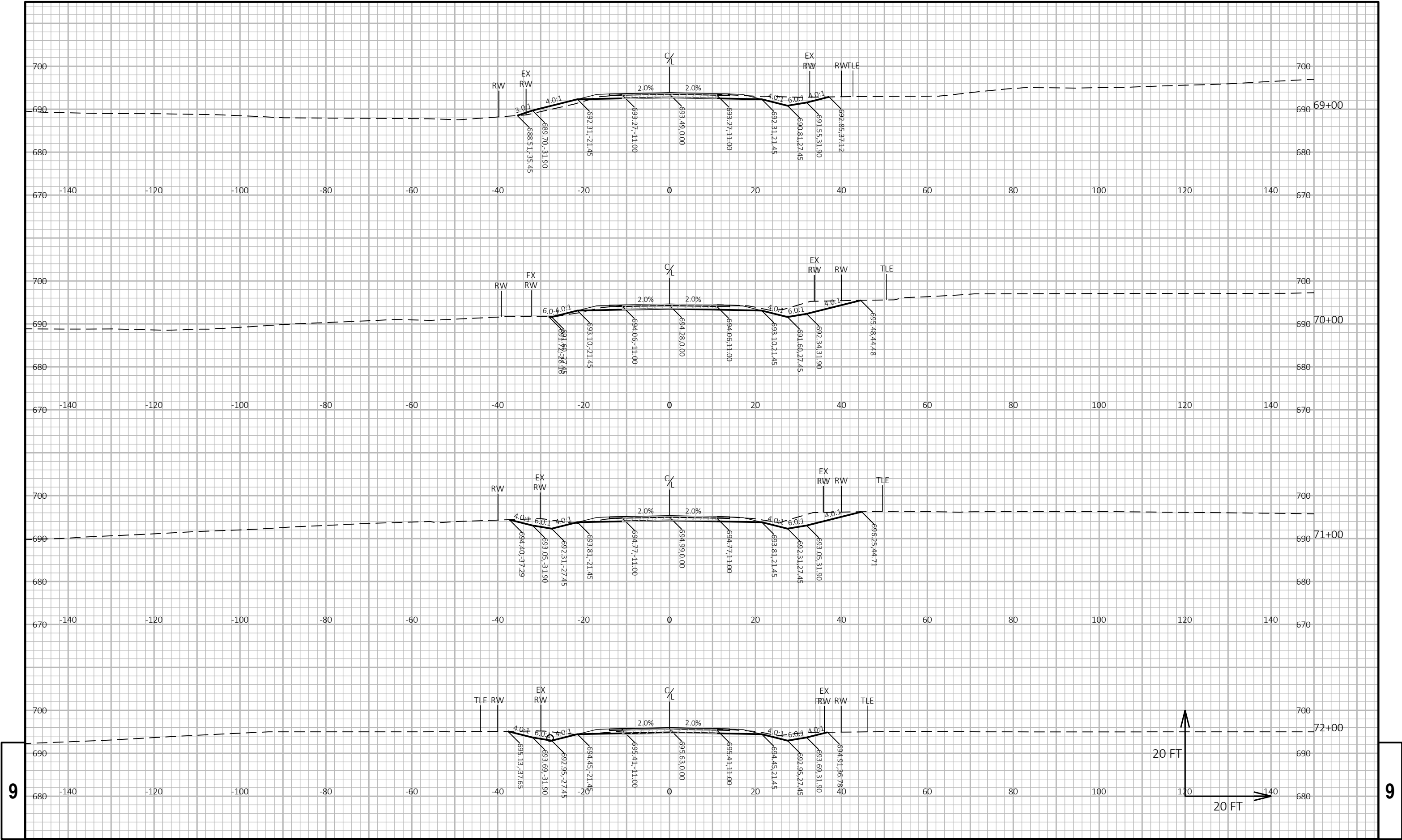
9

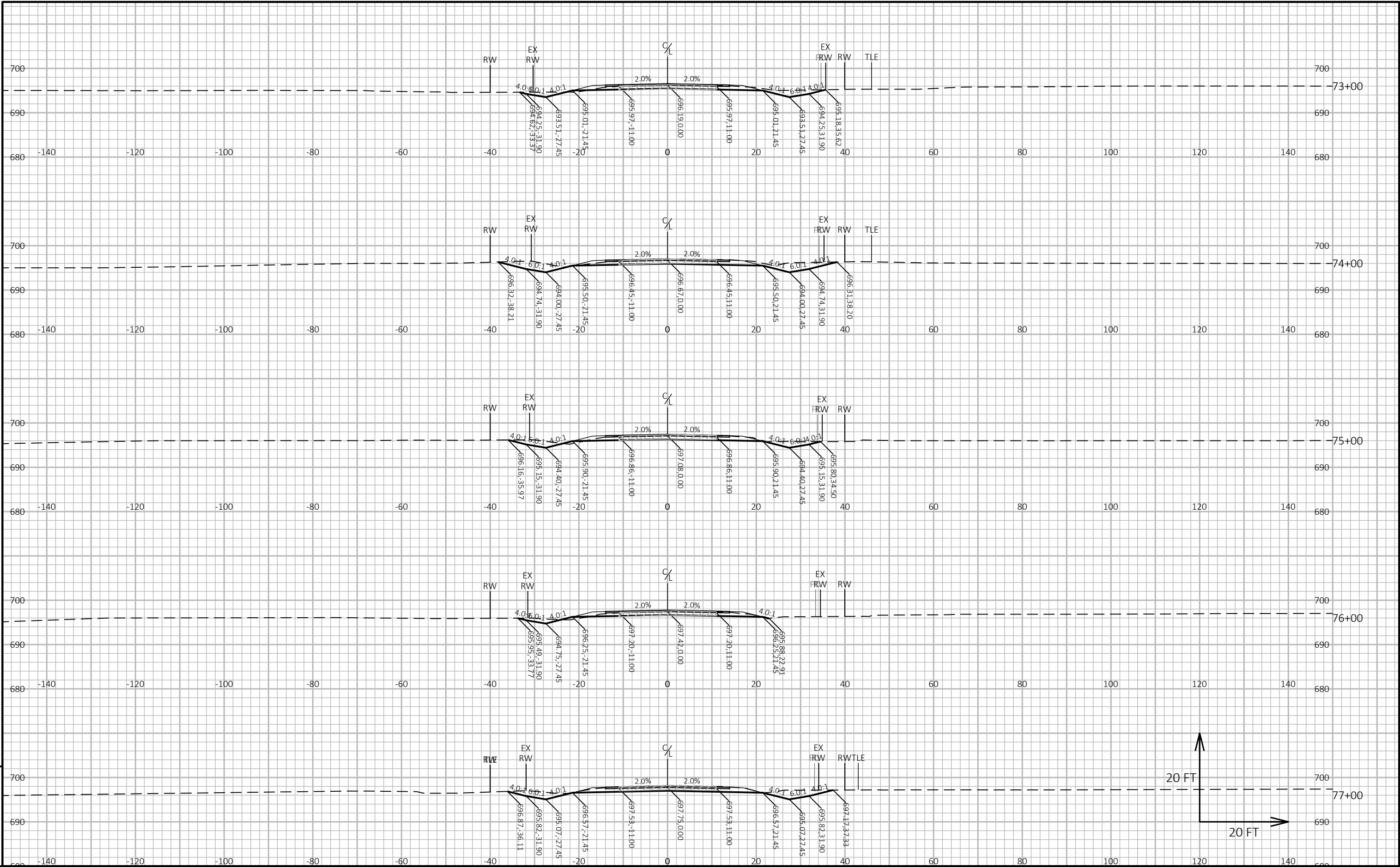


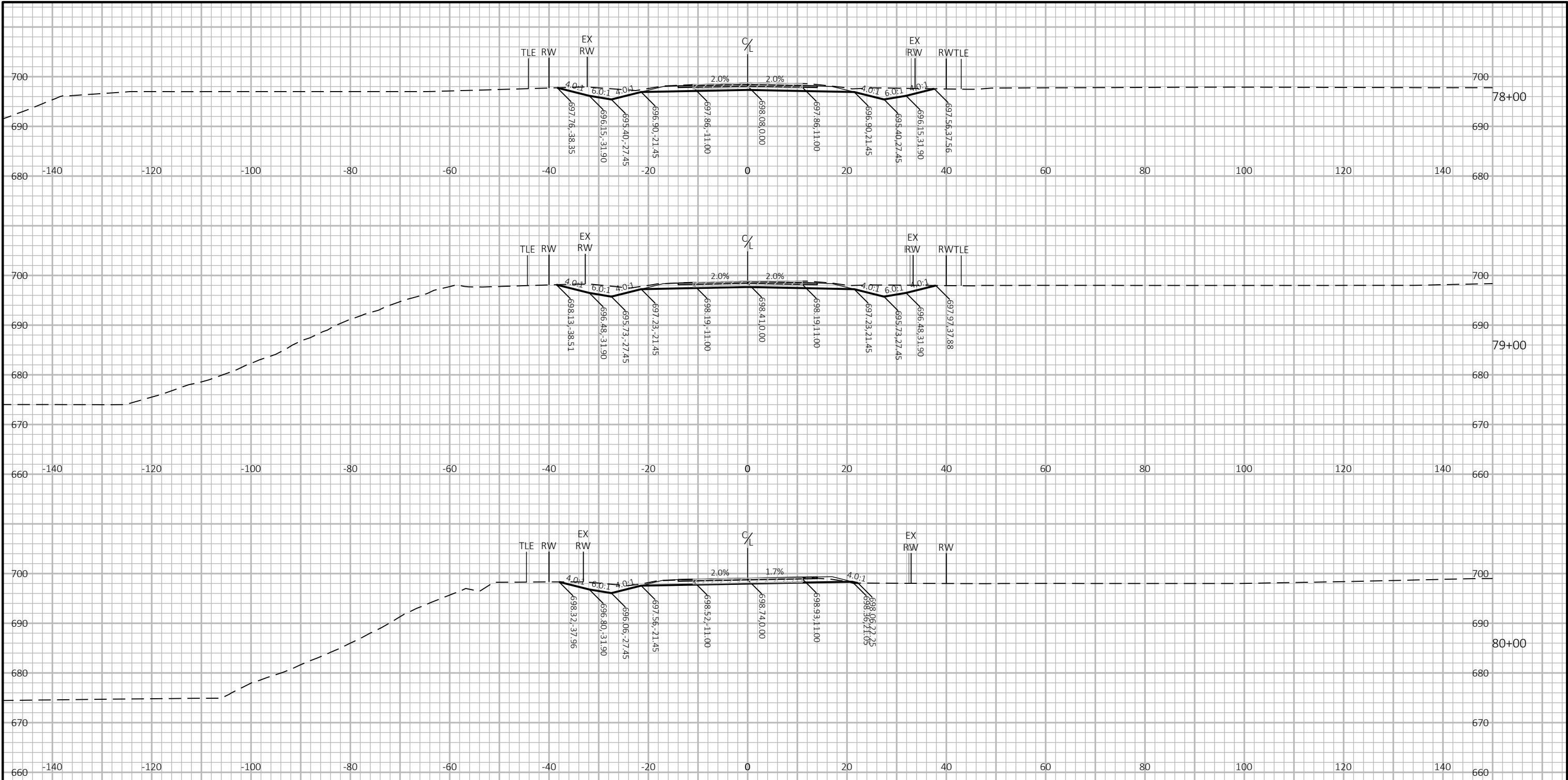










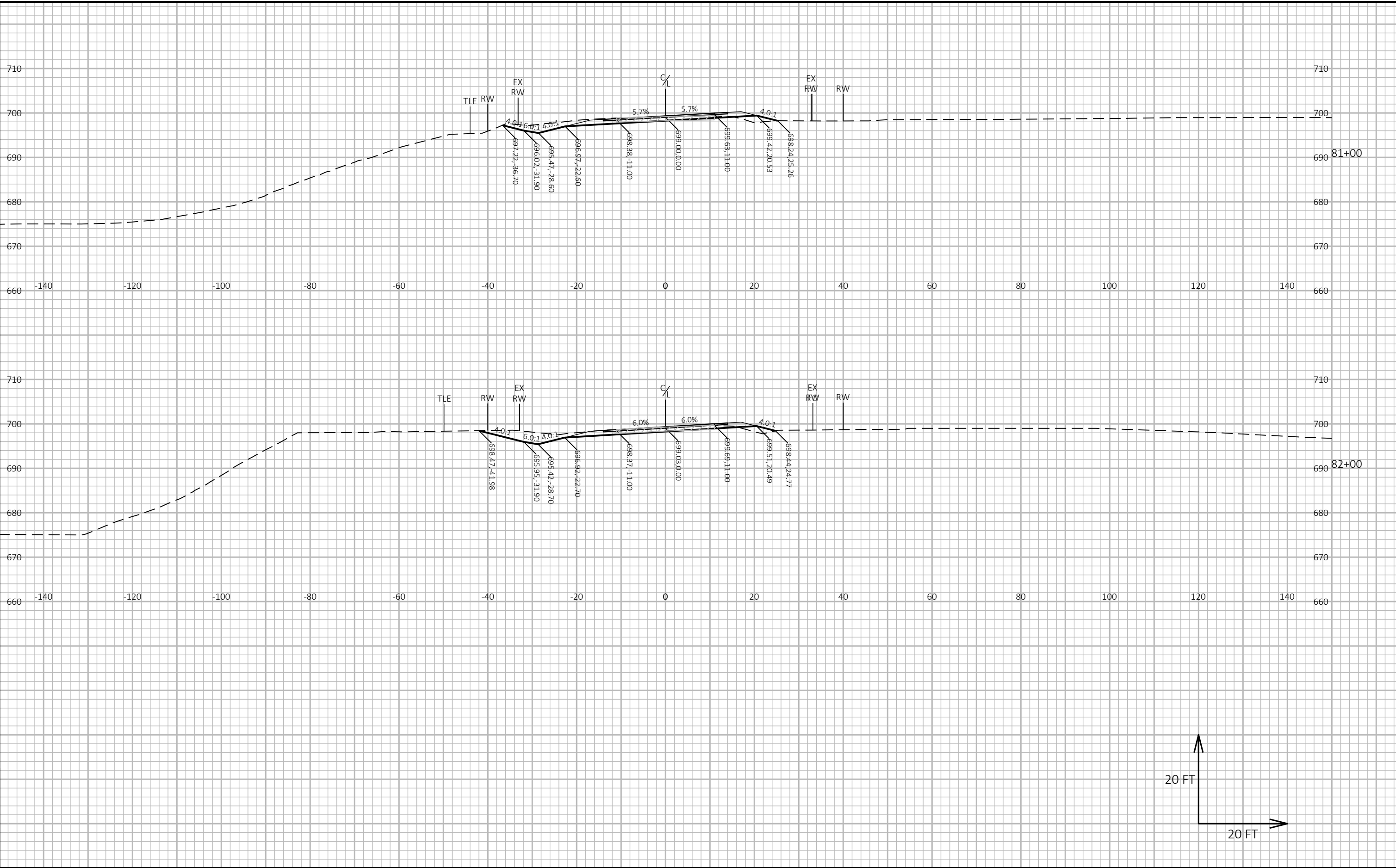


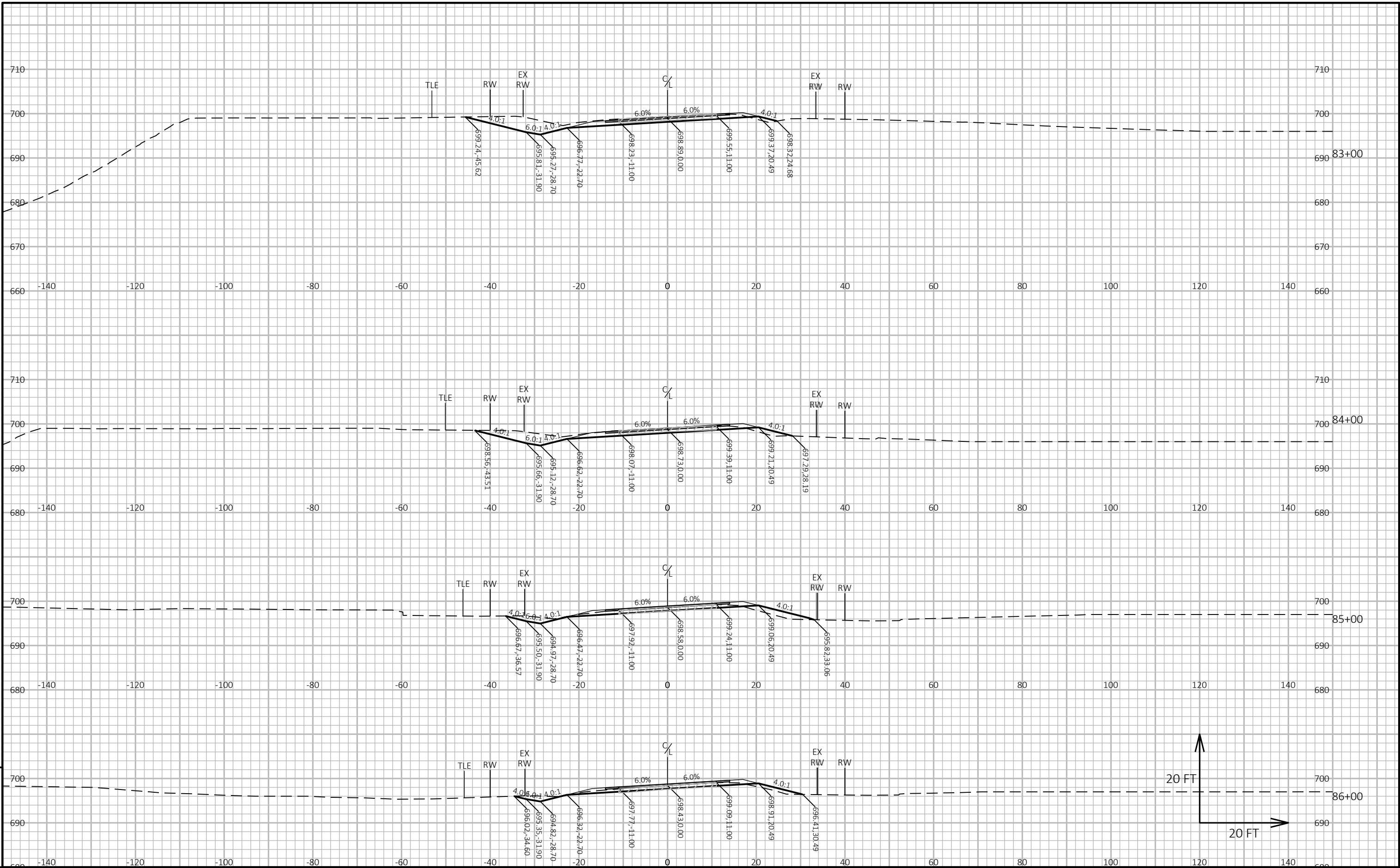
9

9

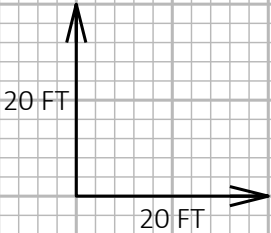
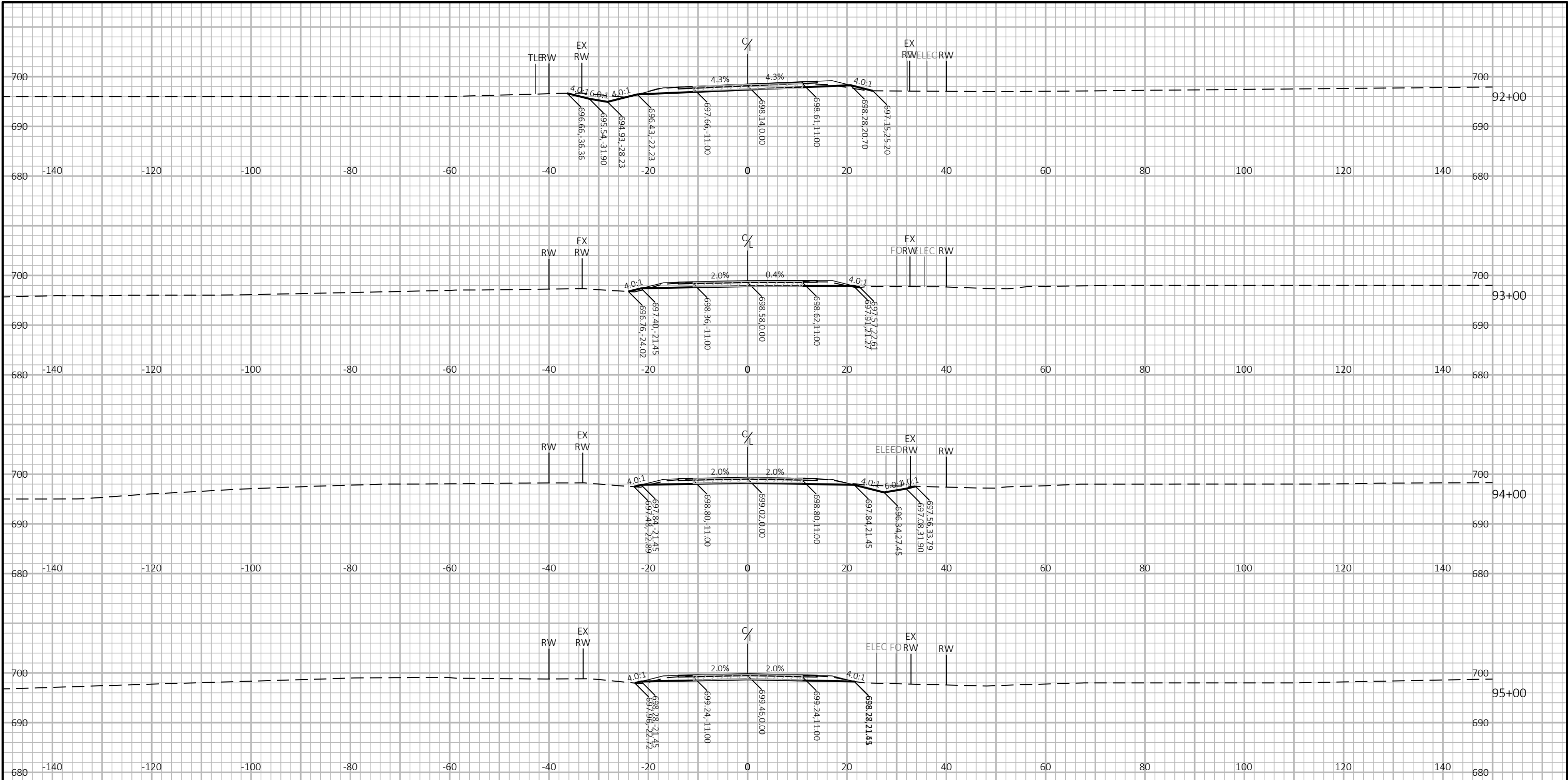


PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 222	E
------------------------	------------	-------------------	-----------------------	-----------	---





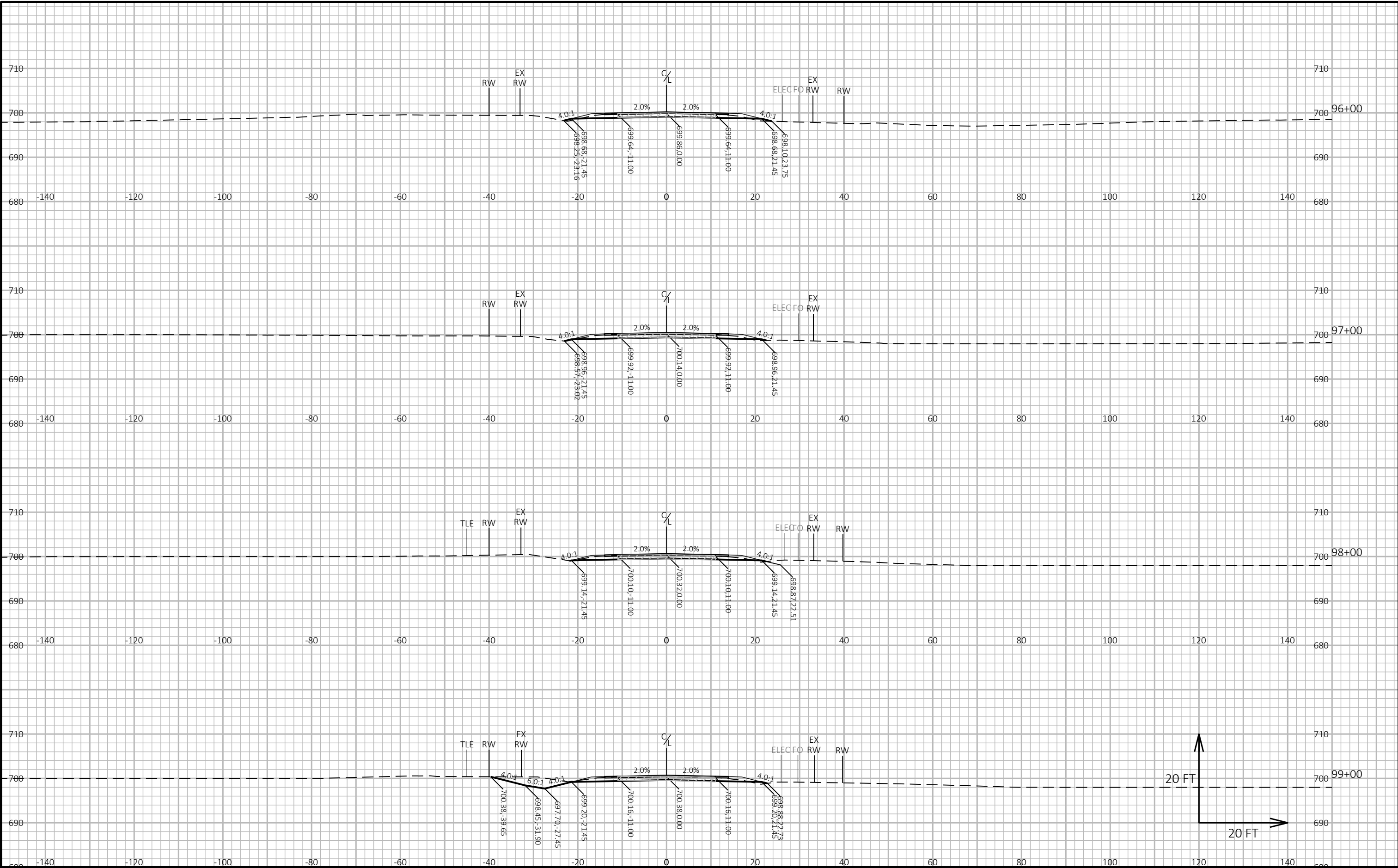


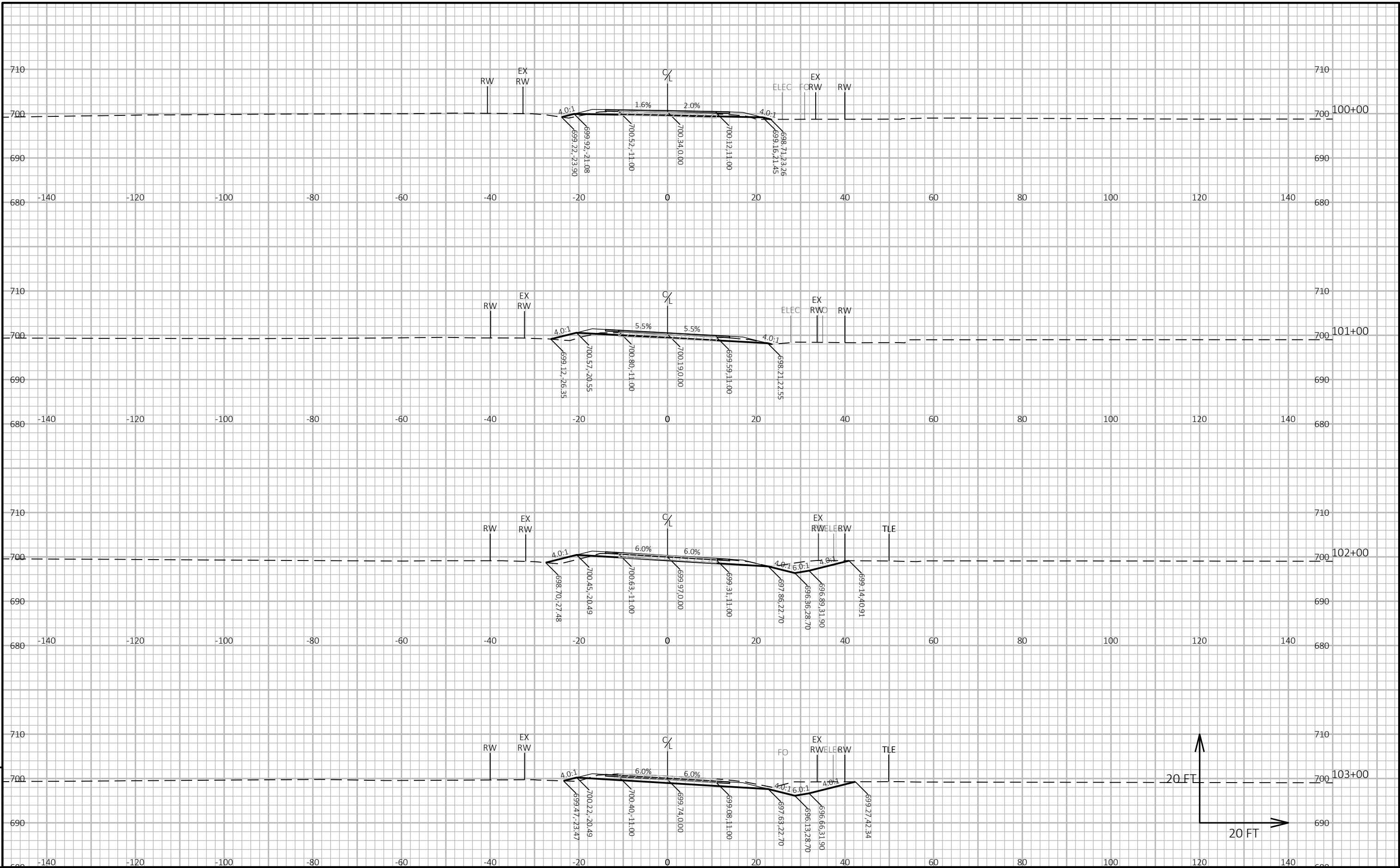


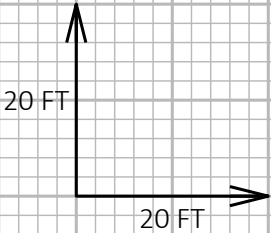
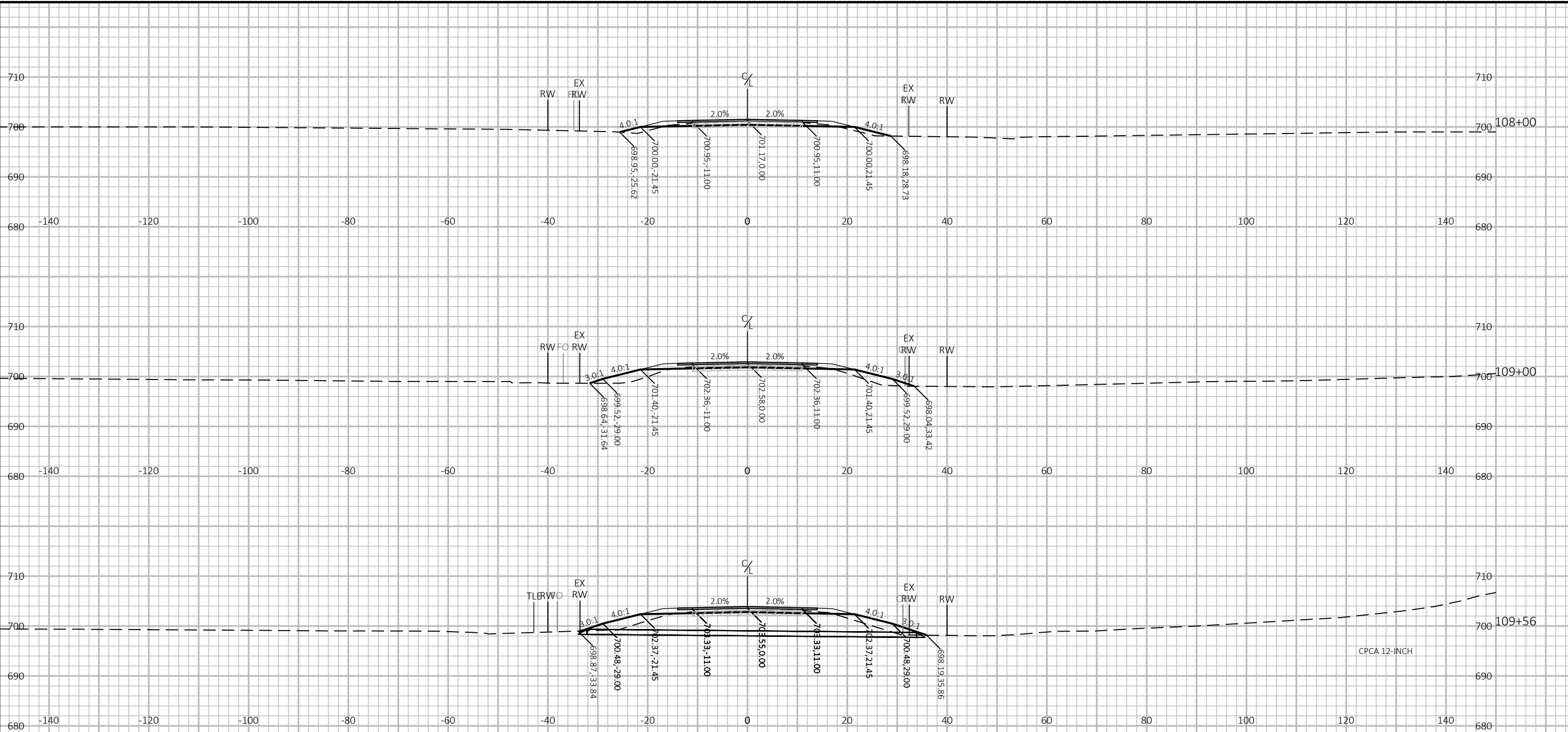
9

9

PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 226	E
------------------------	------------	-------------------	-----------------------	-----------	---

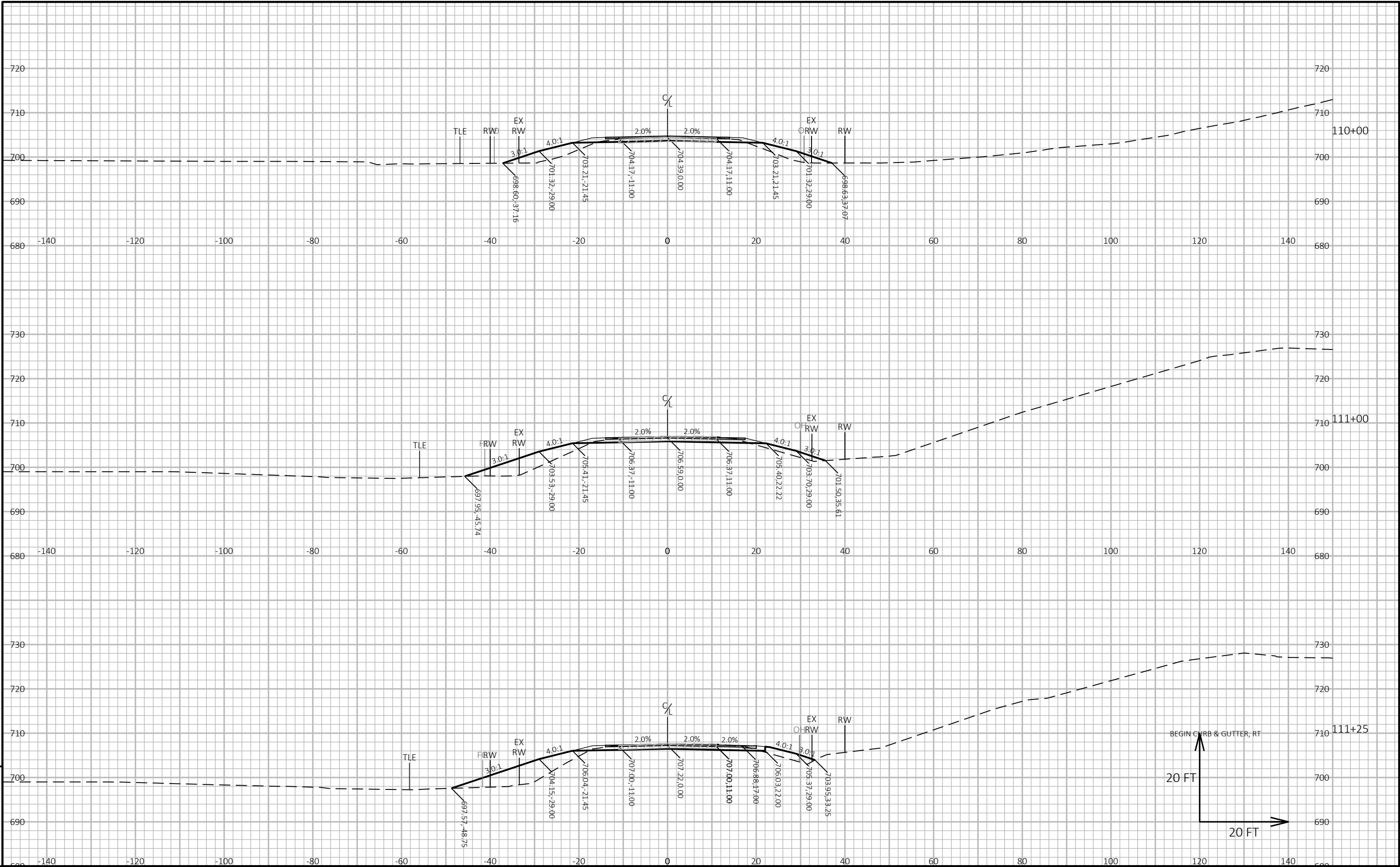


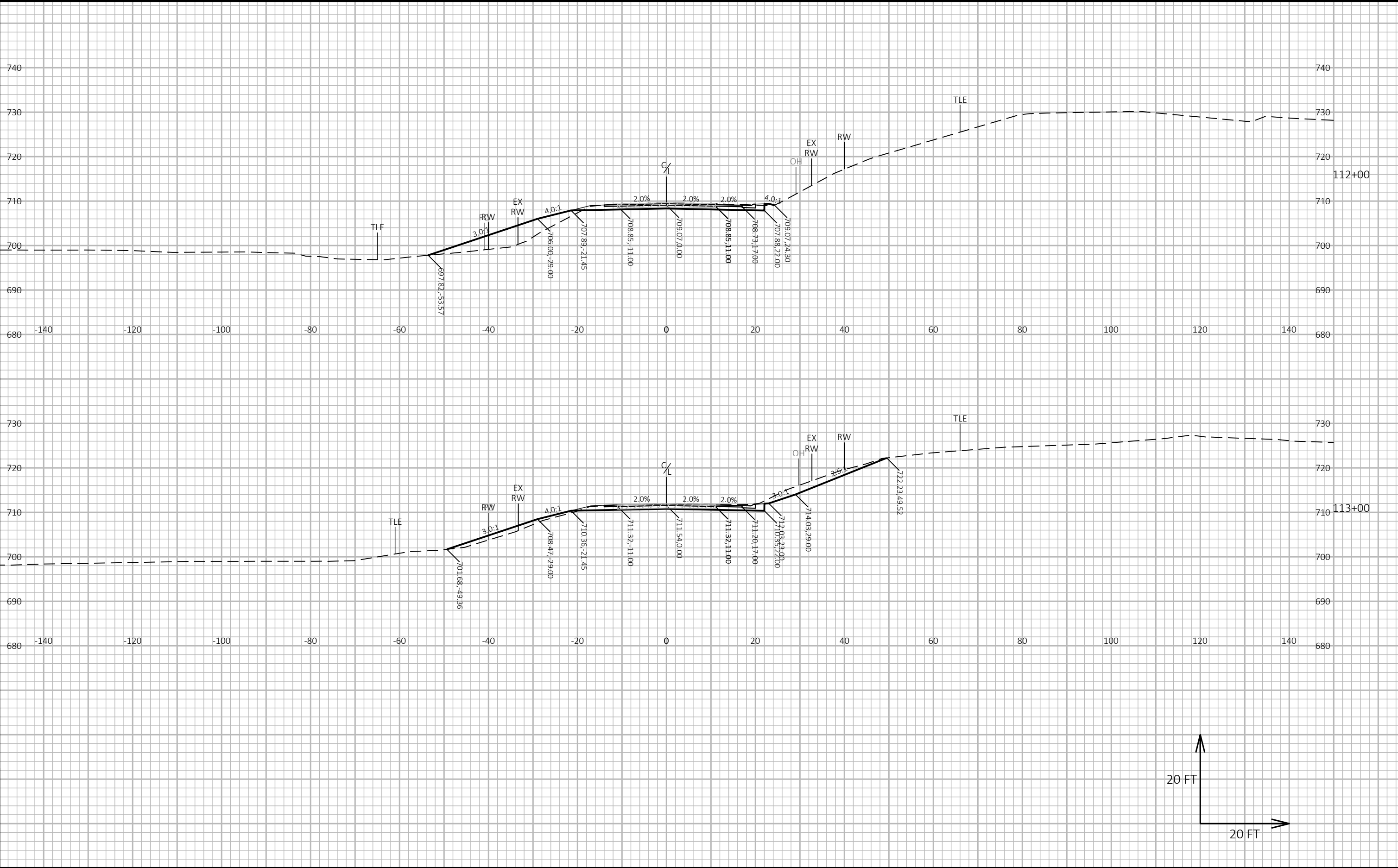


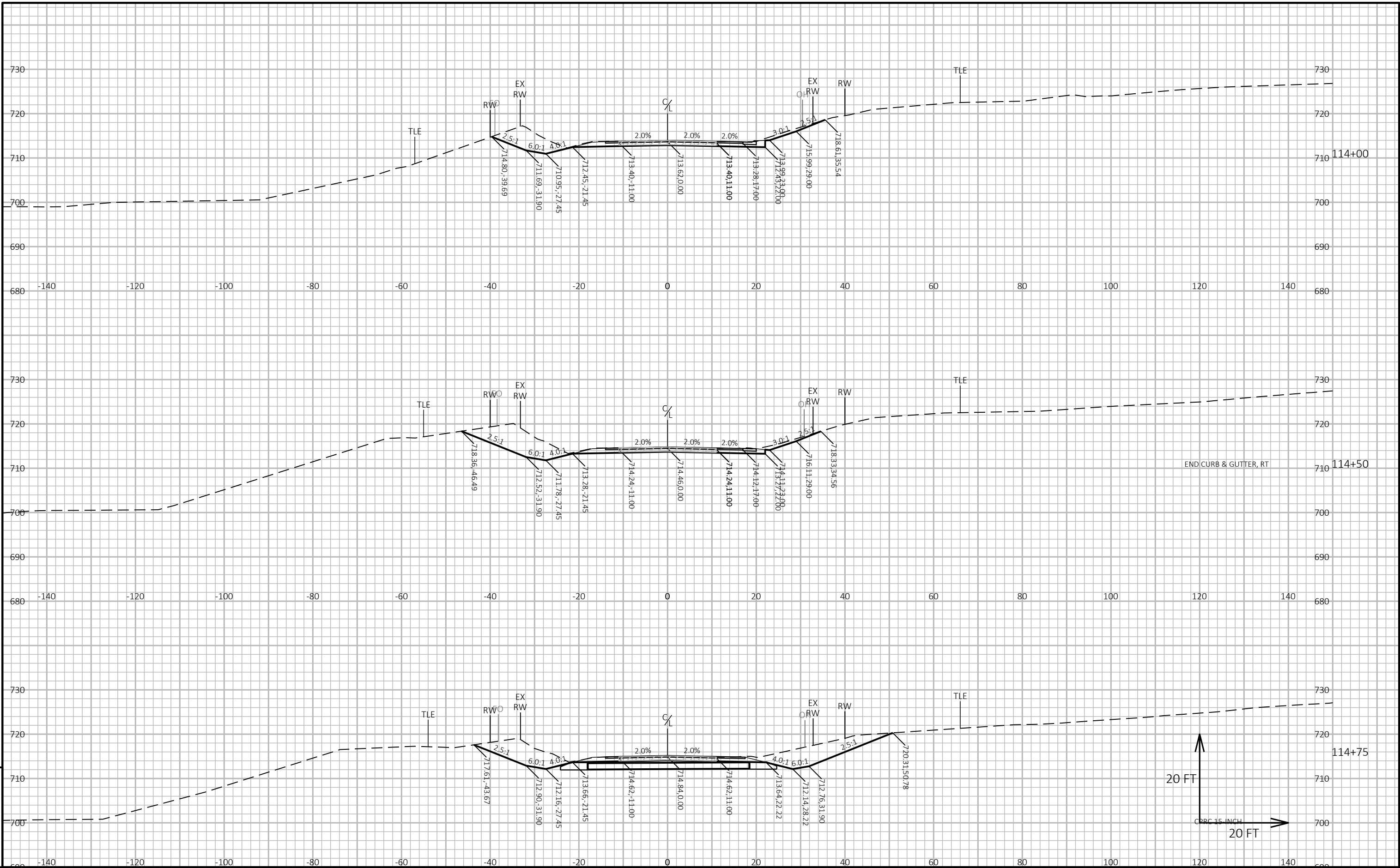


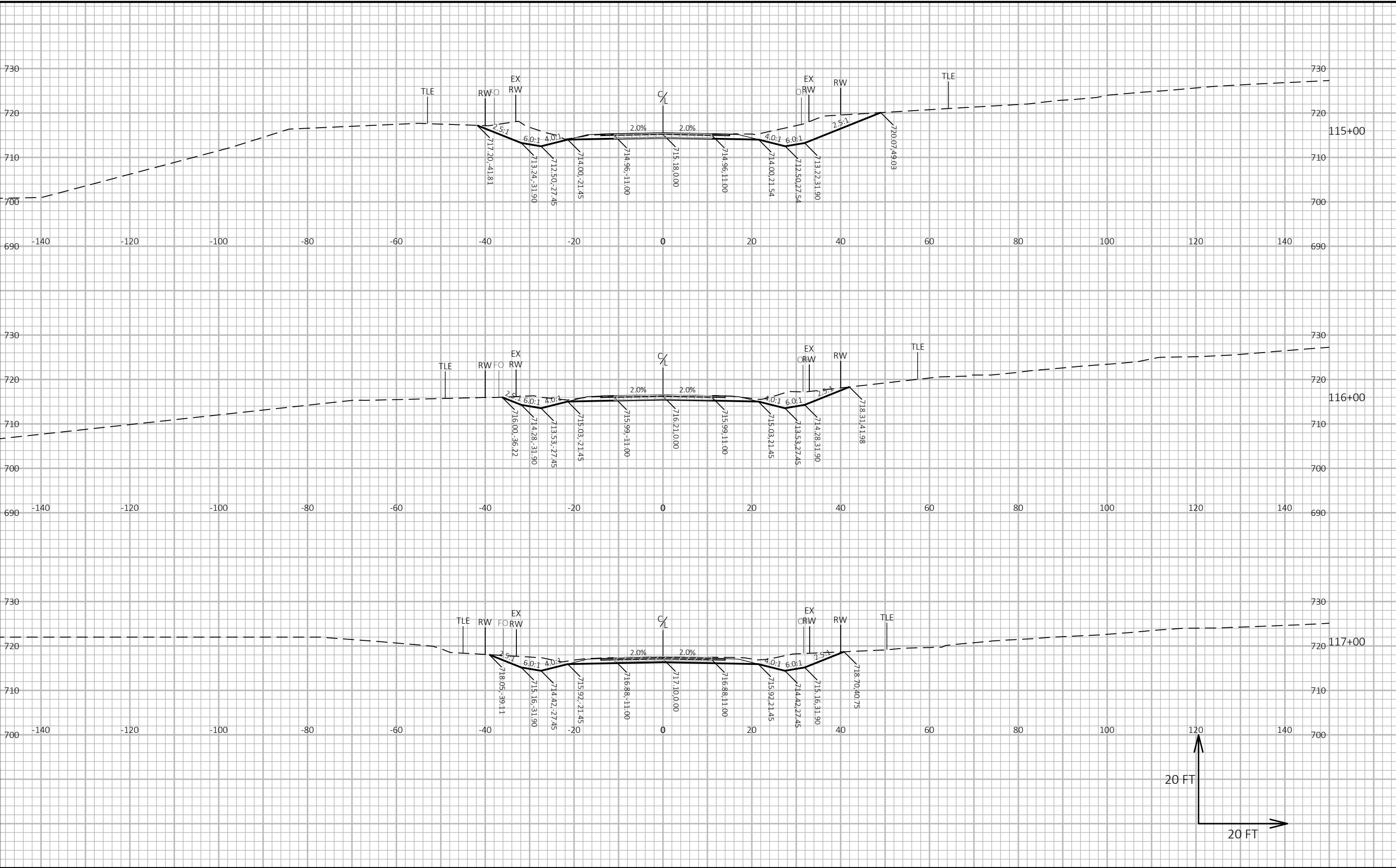
9

9









9

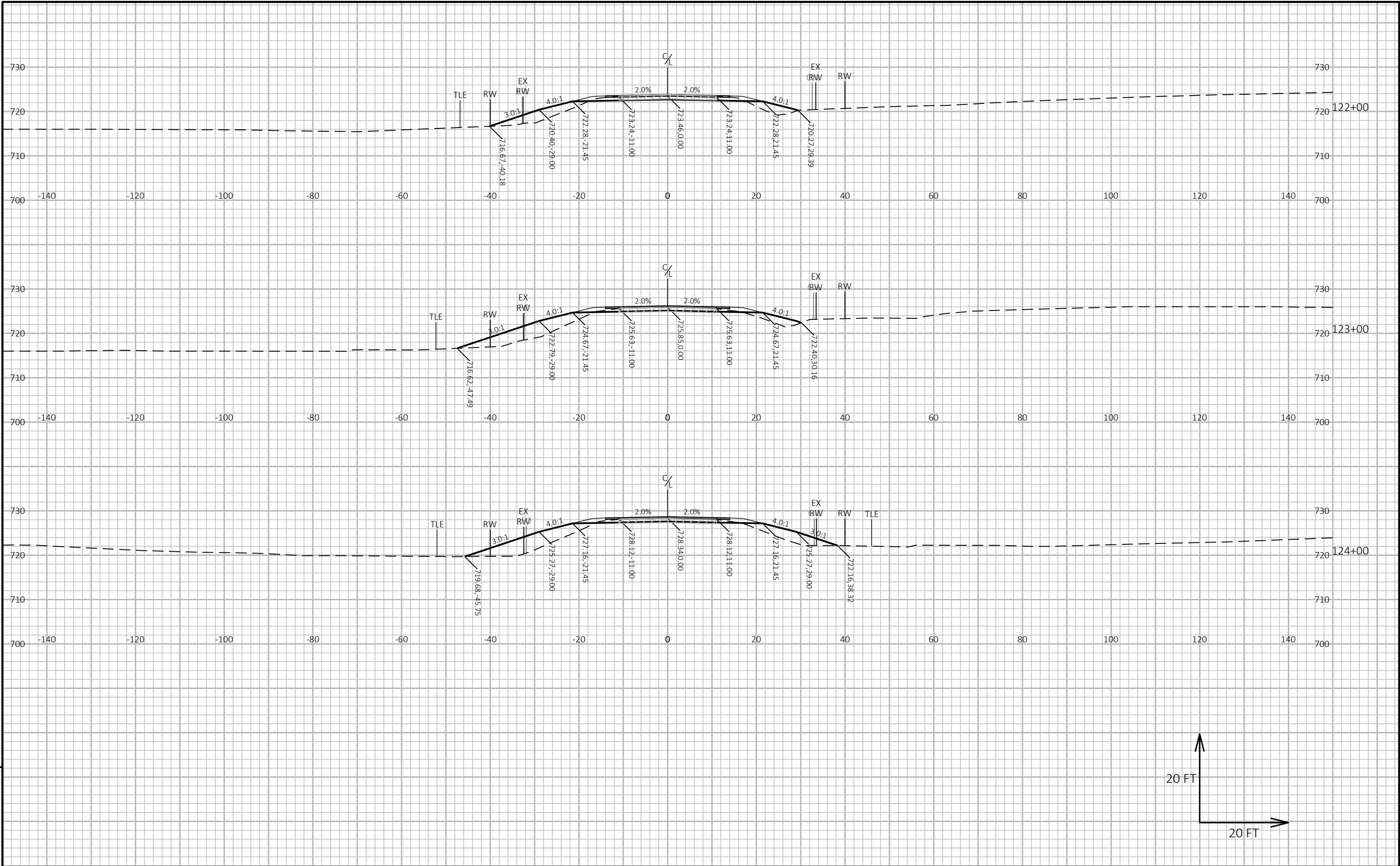
9

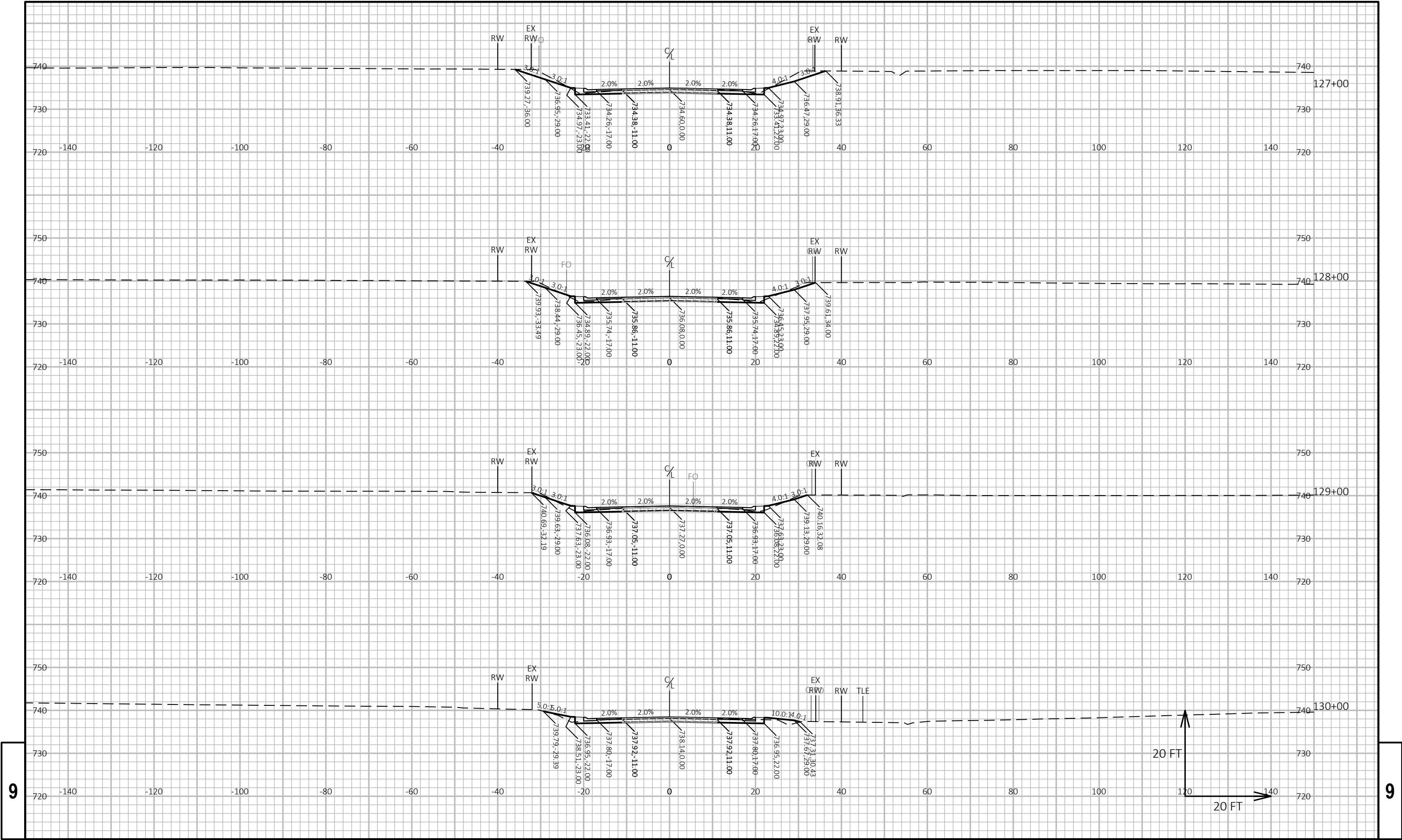


9

9

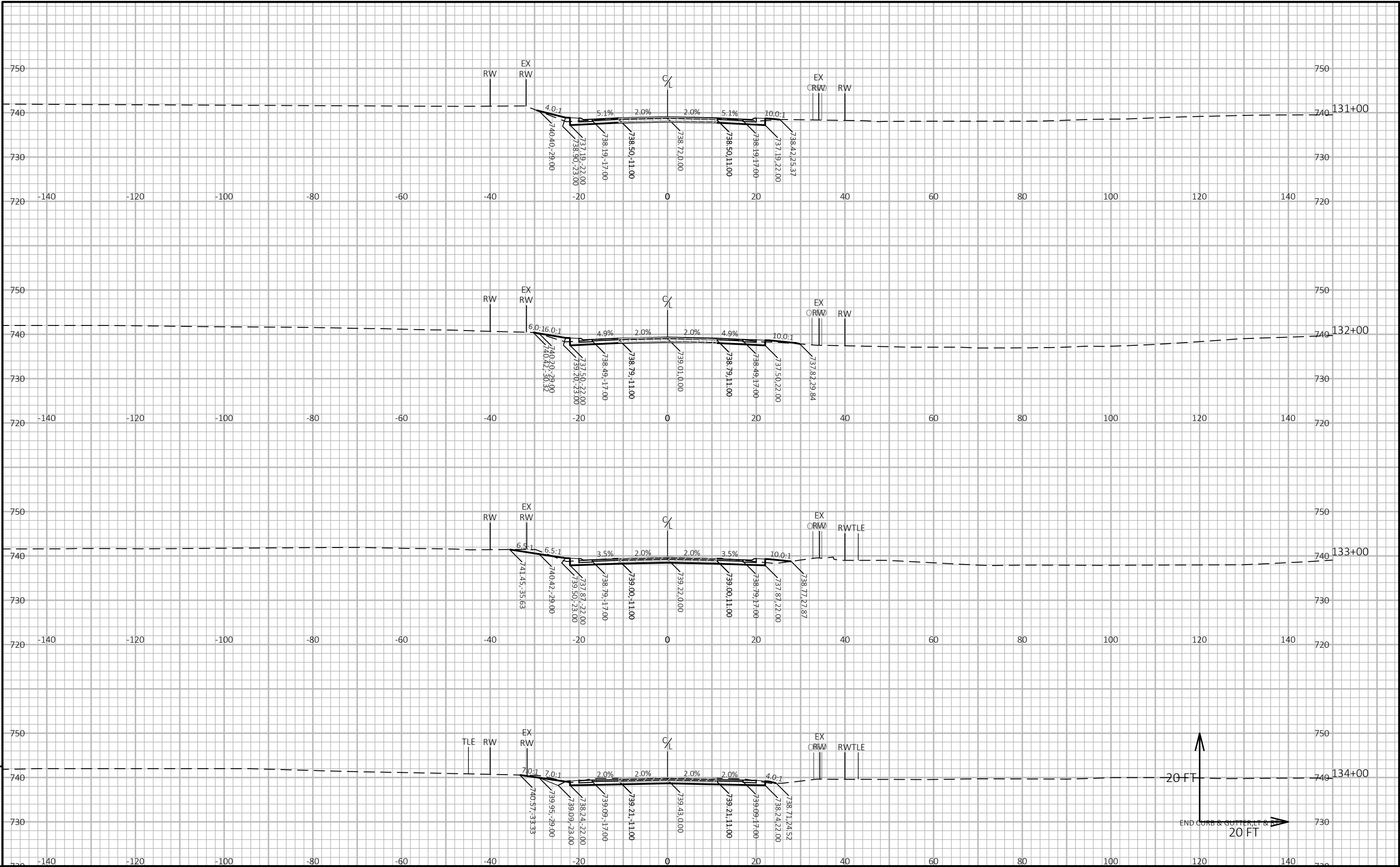
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 235	E
------------------------	------------	-------------------	-----------------------	-----------	---

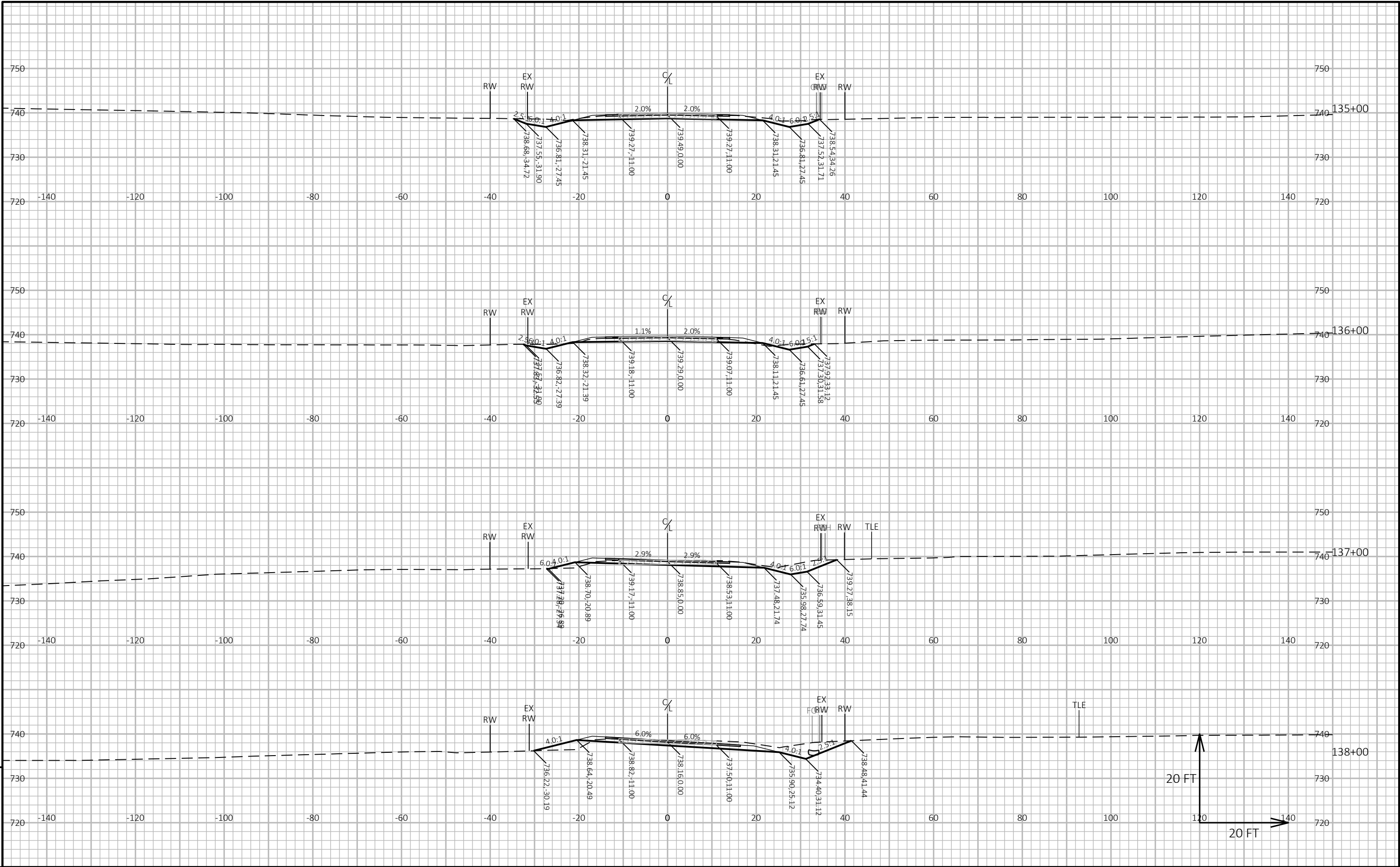




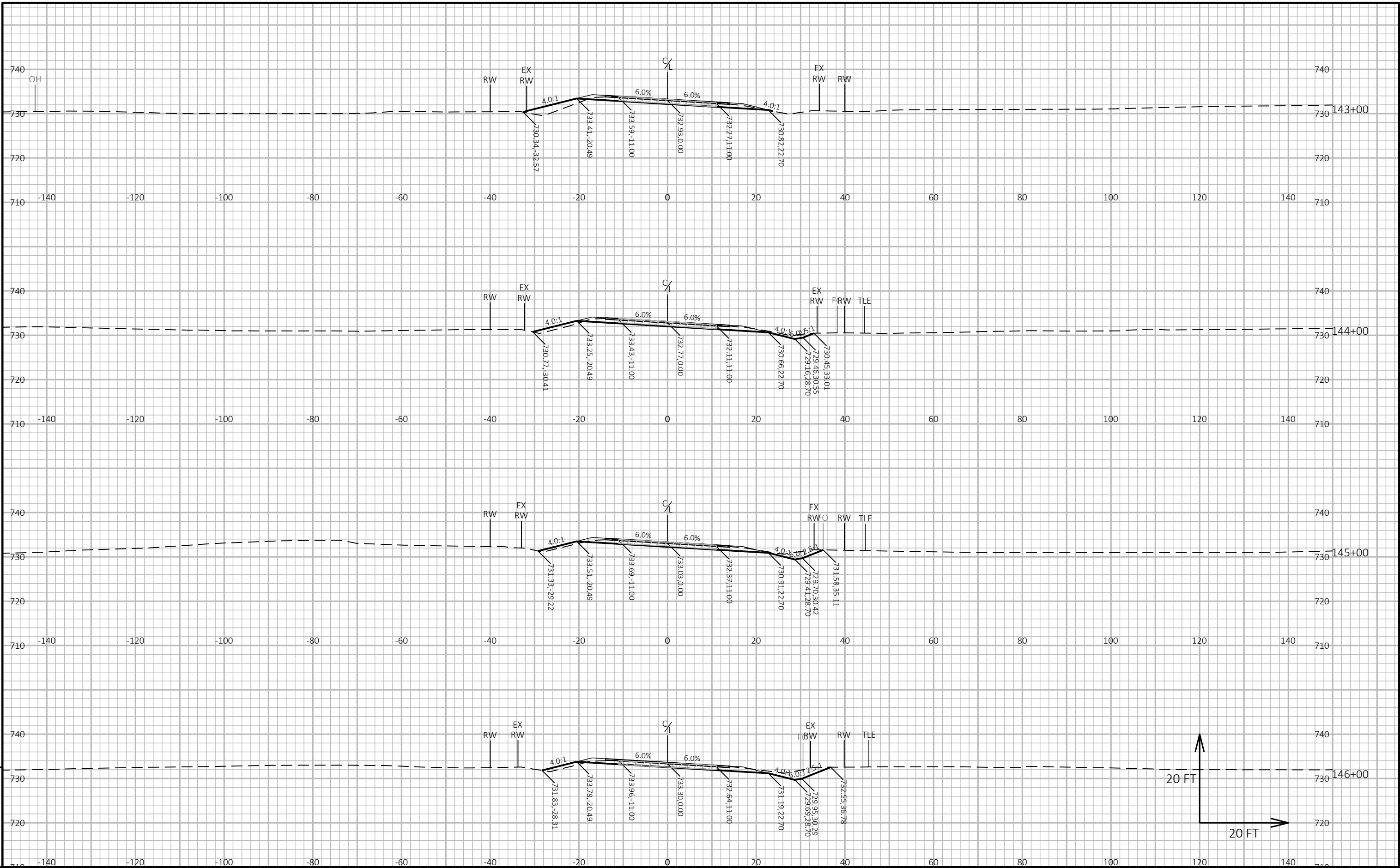
9

9



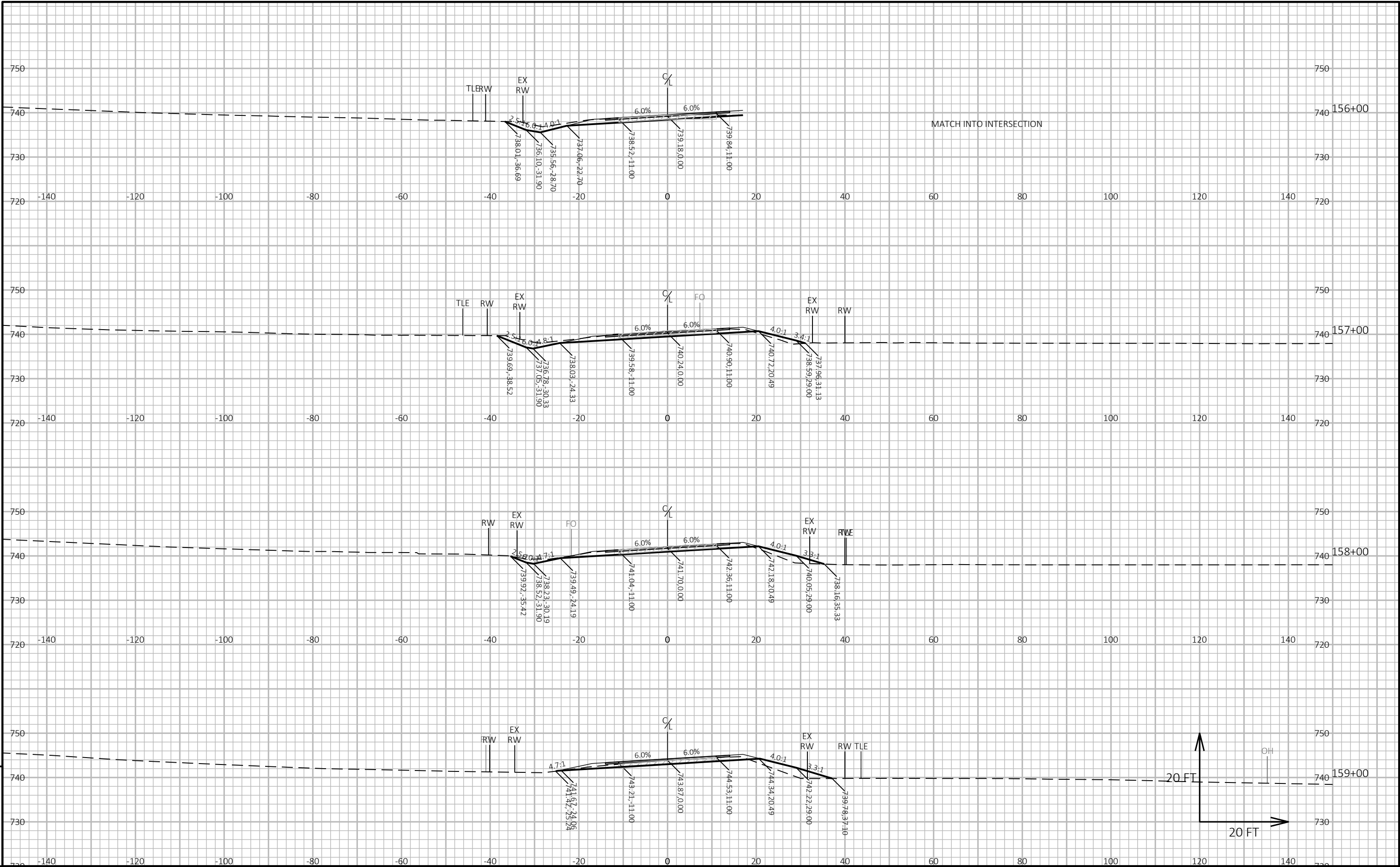




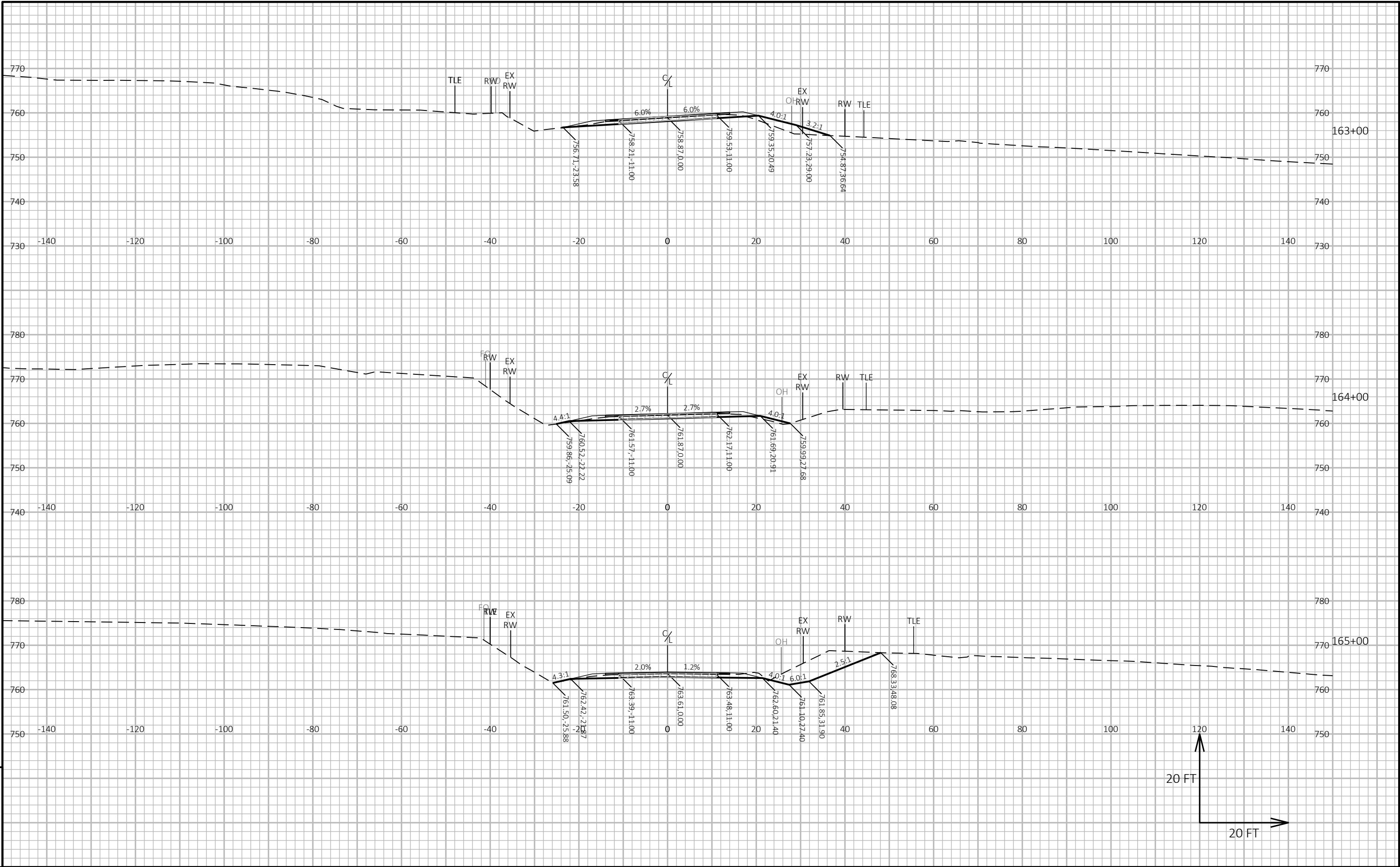


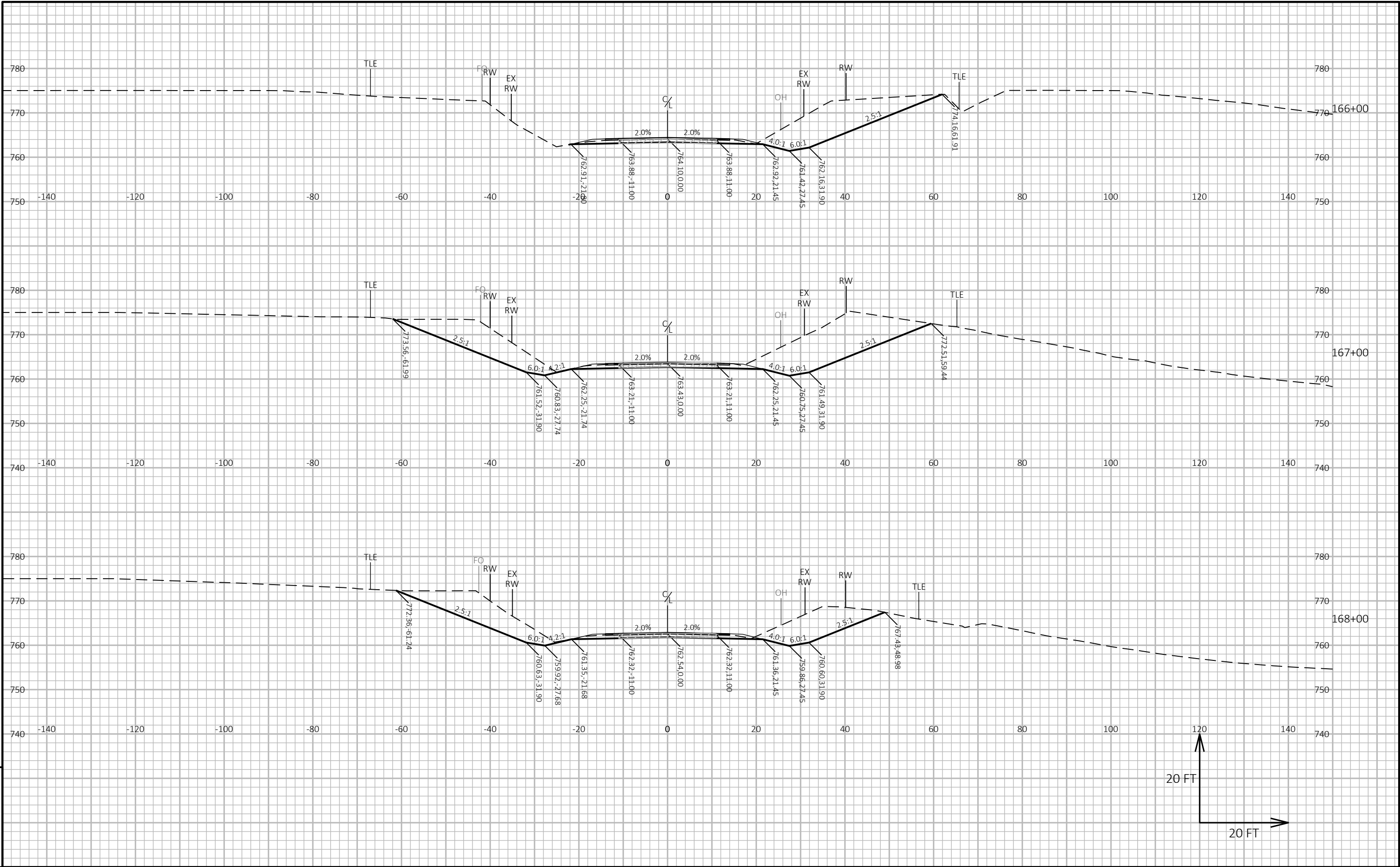






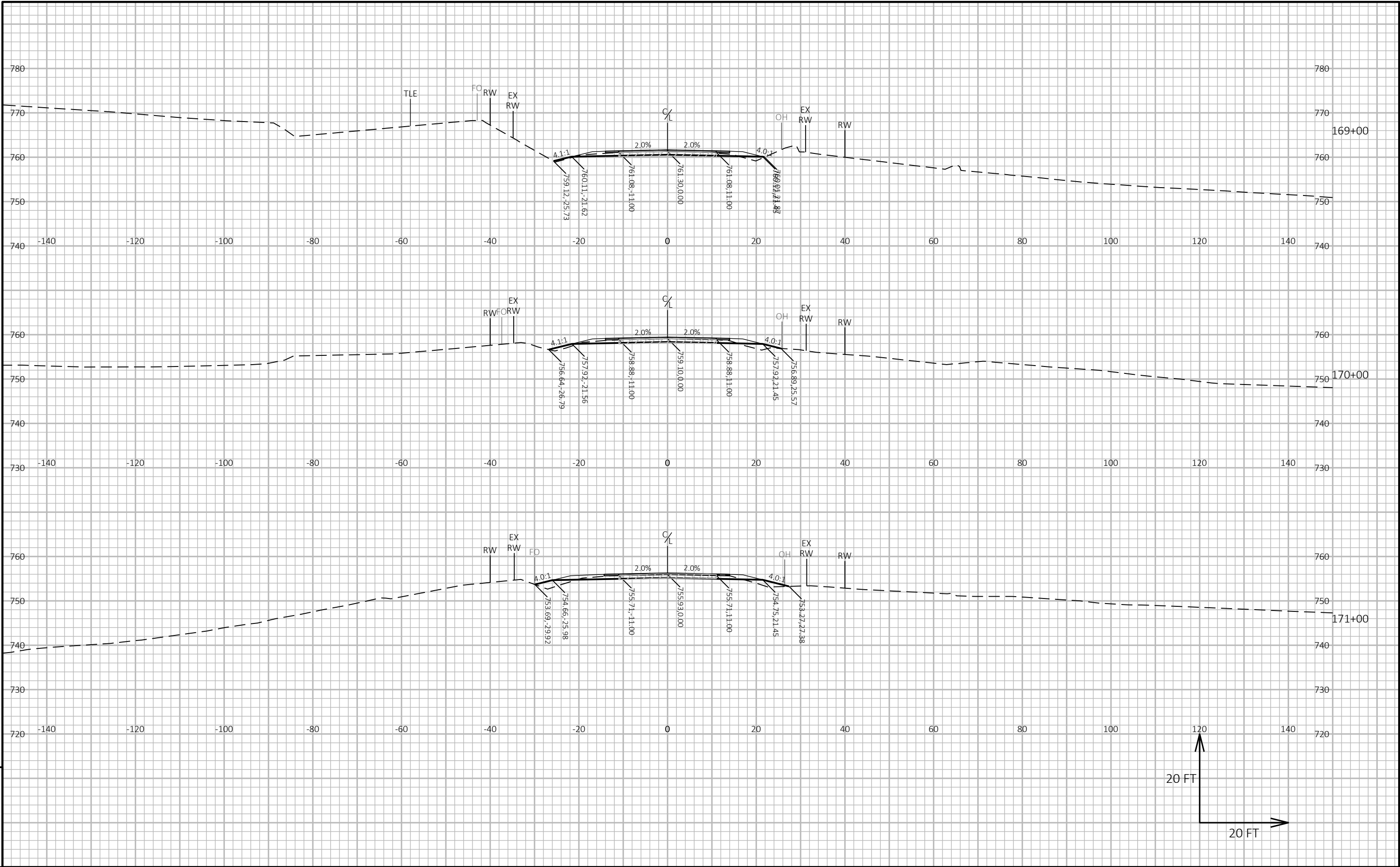


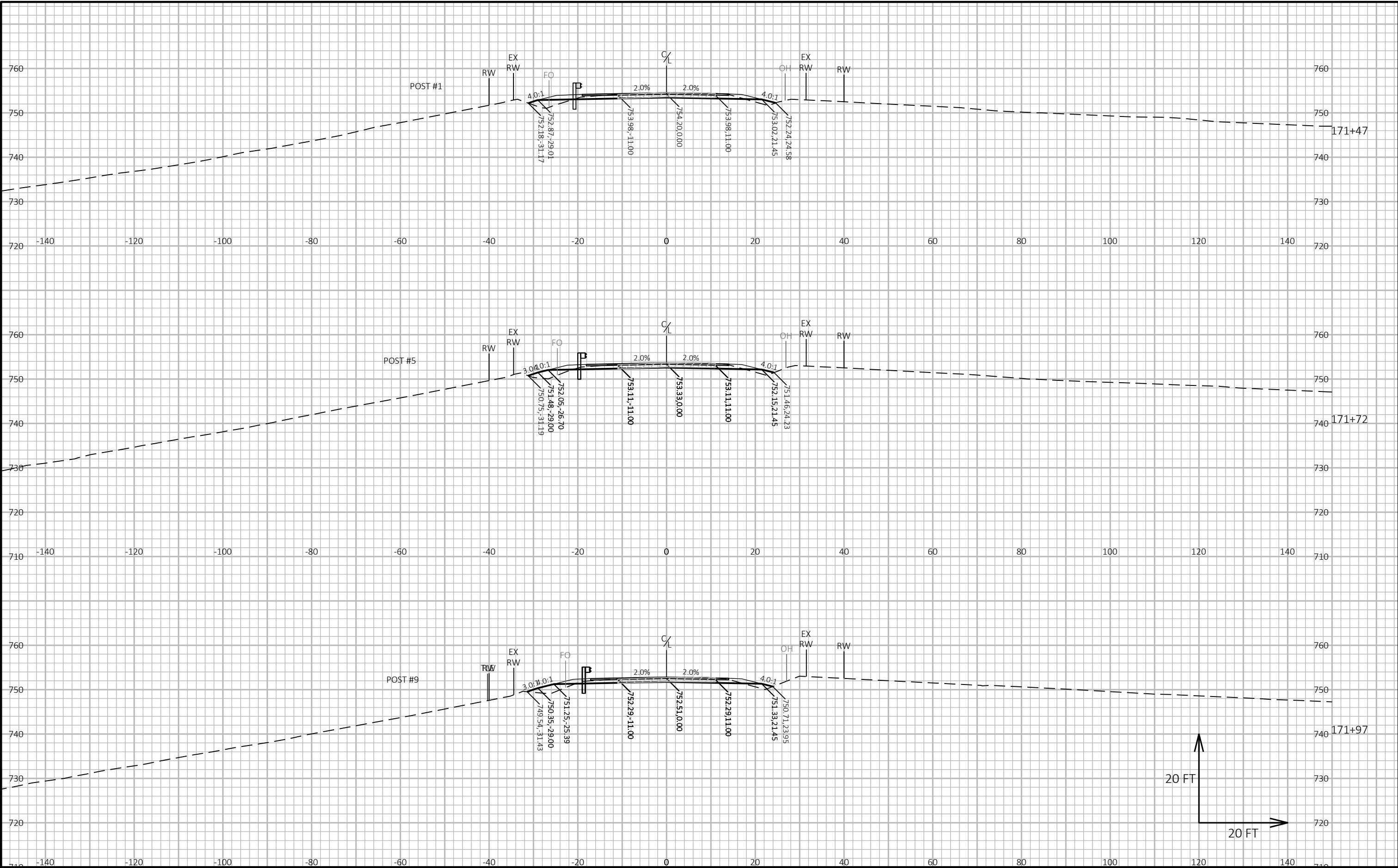


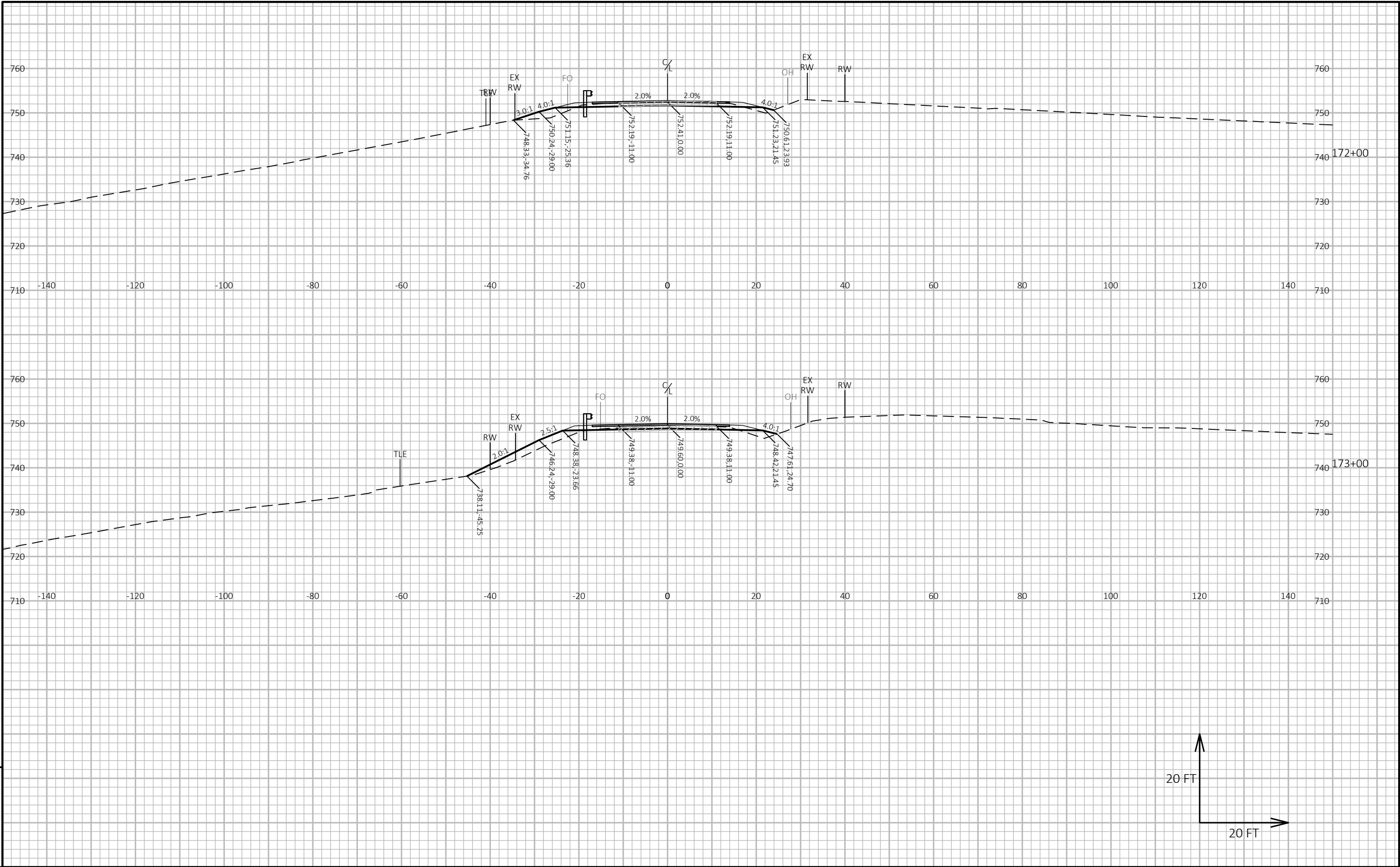


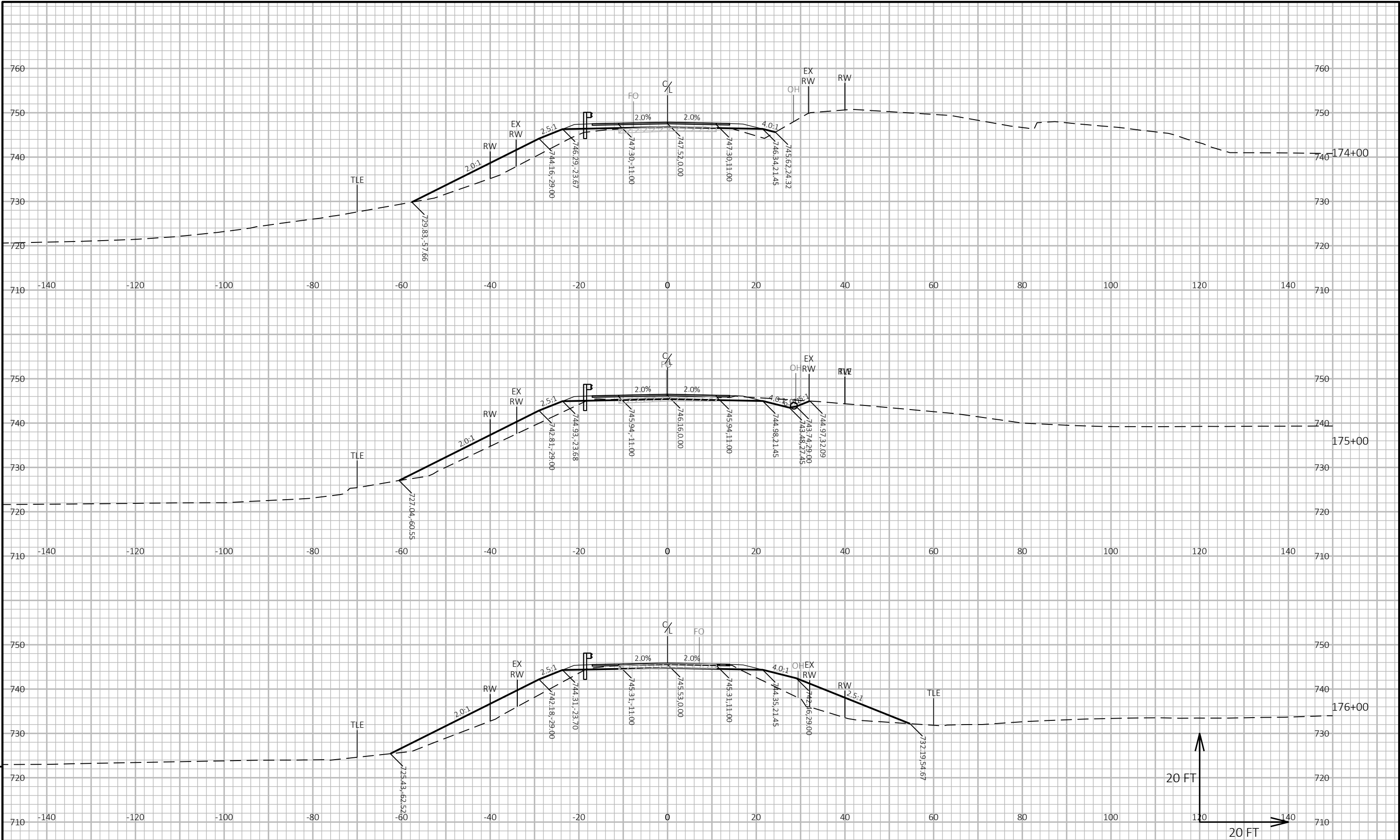
9

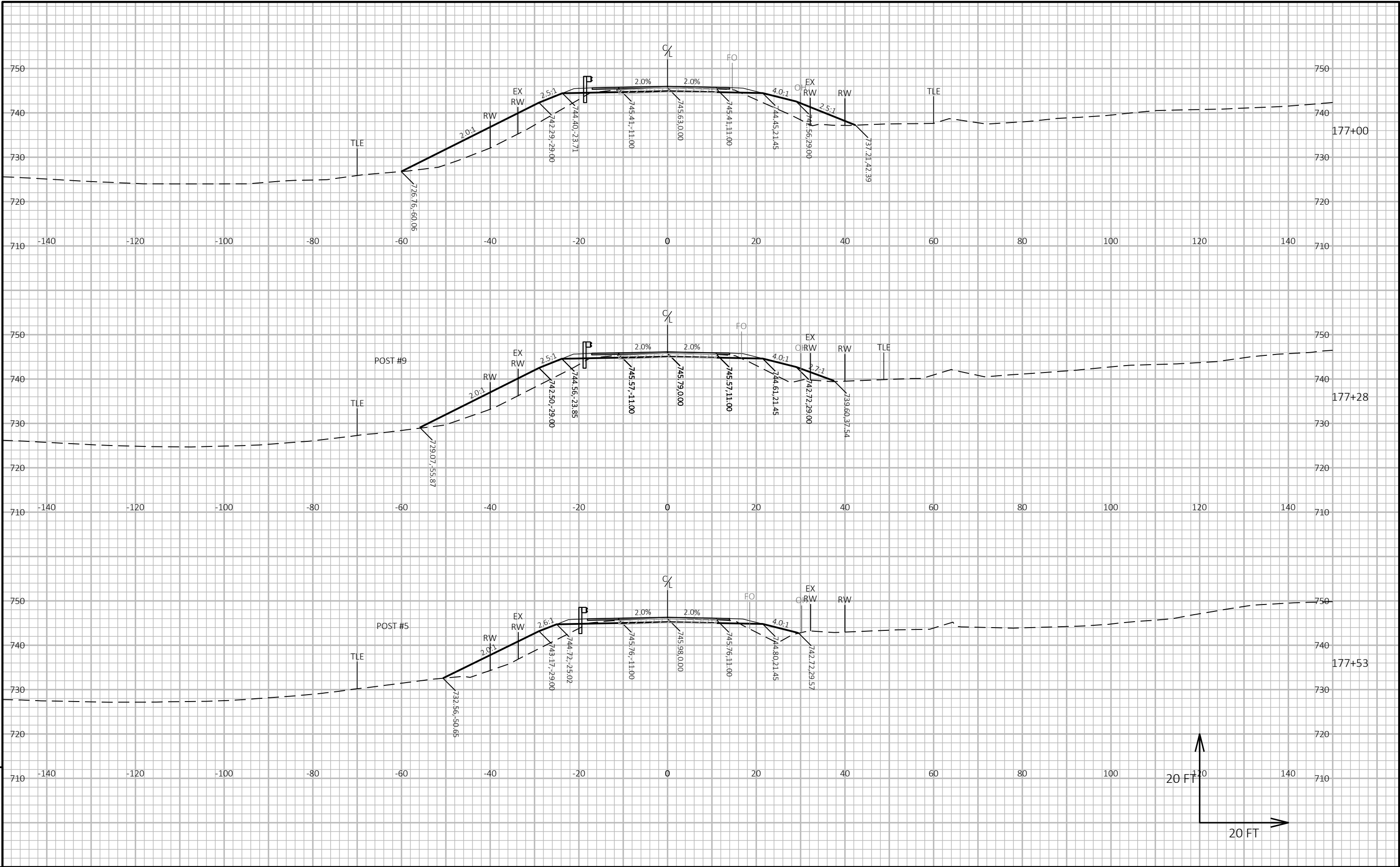
9

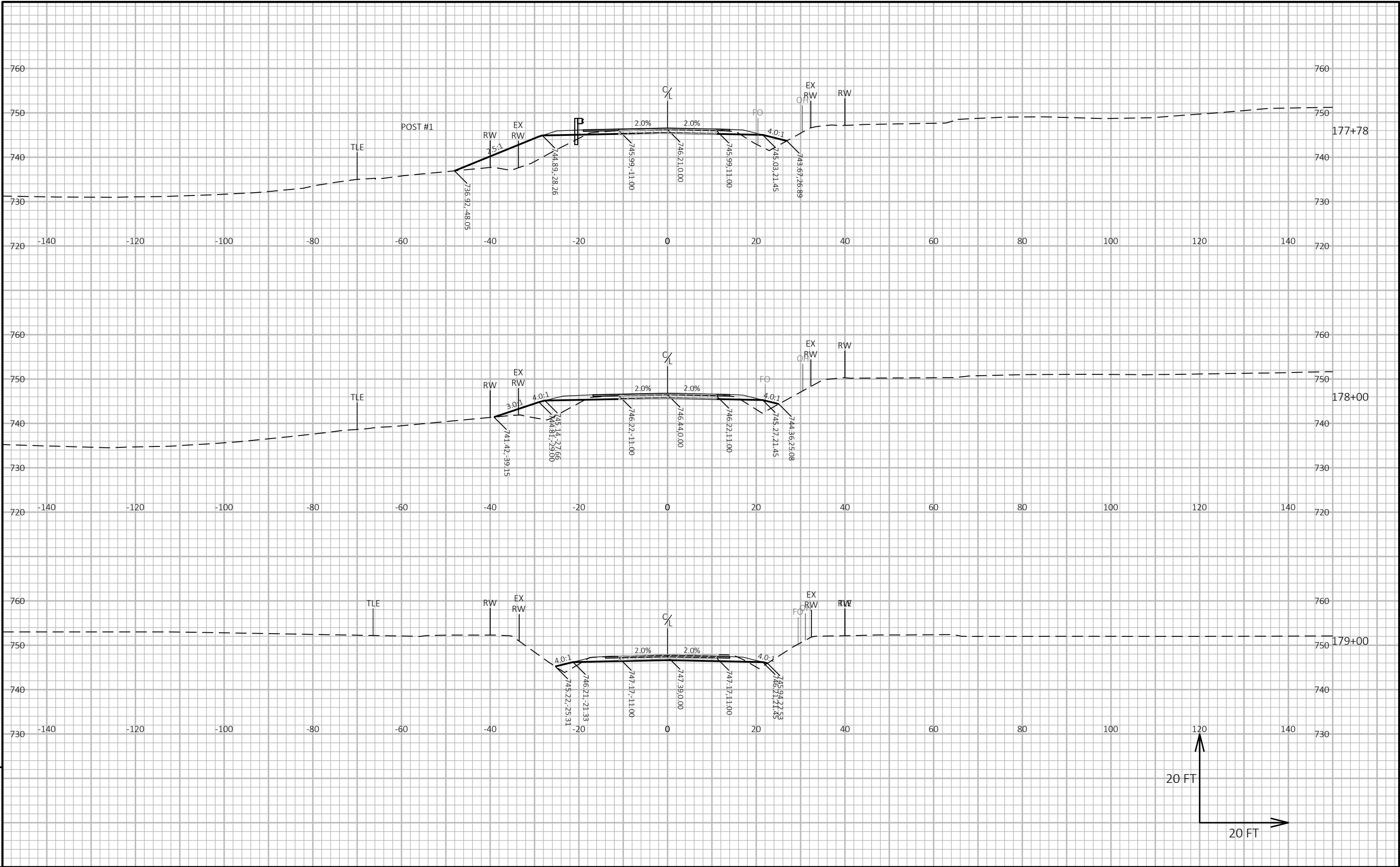




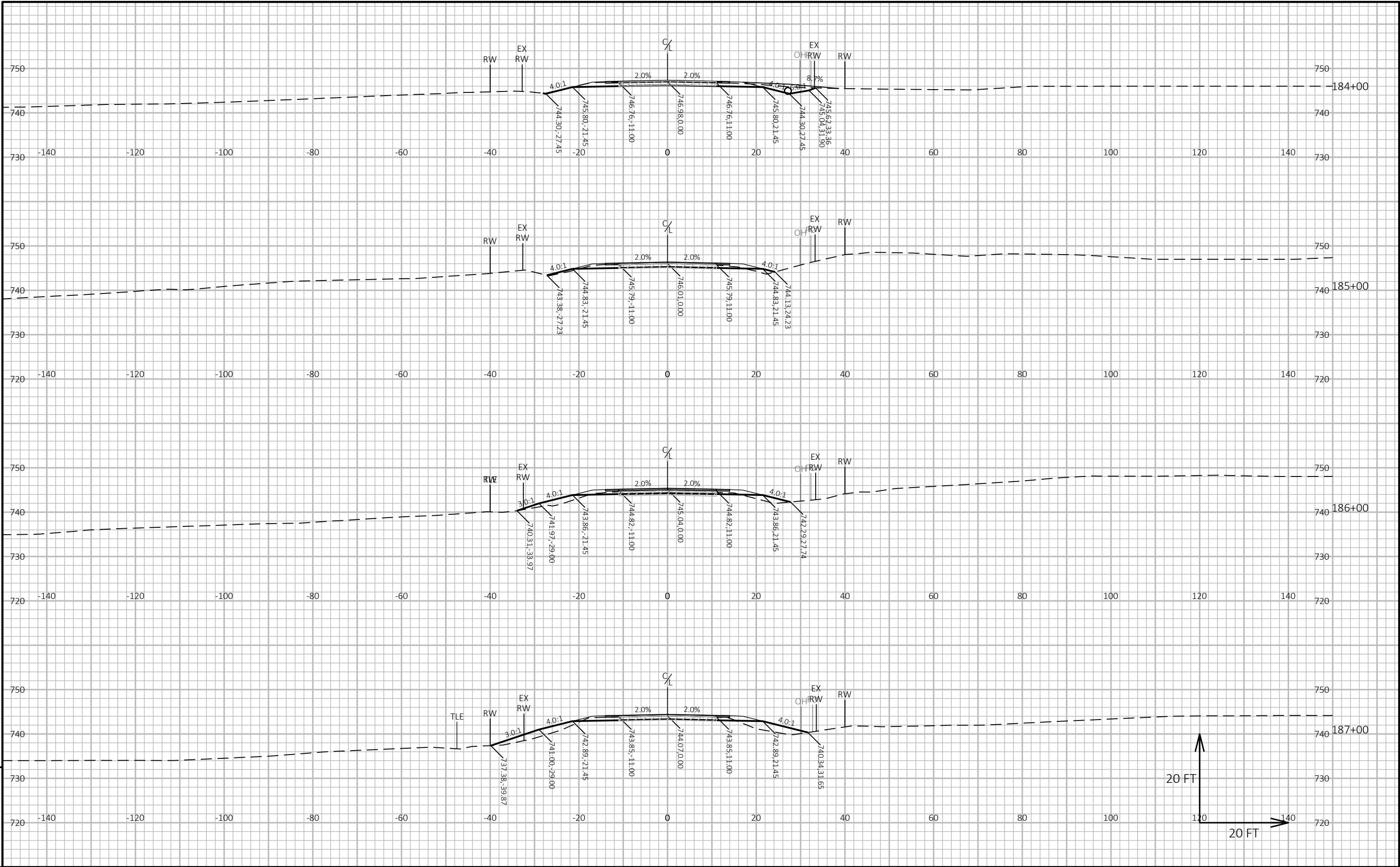


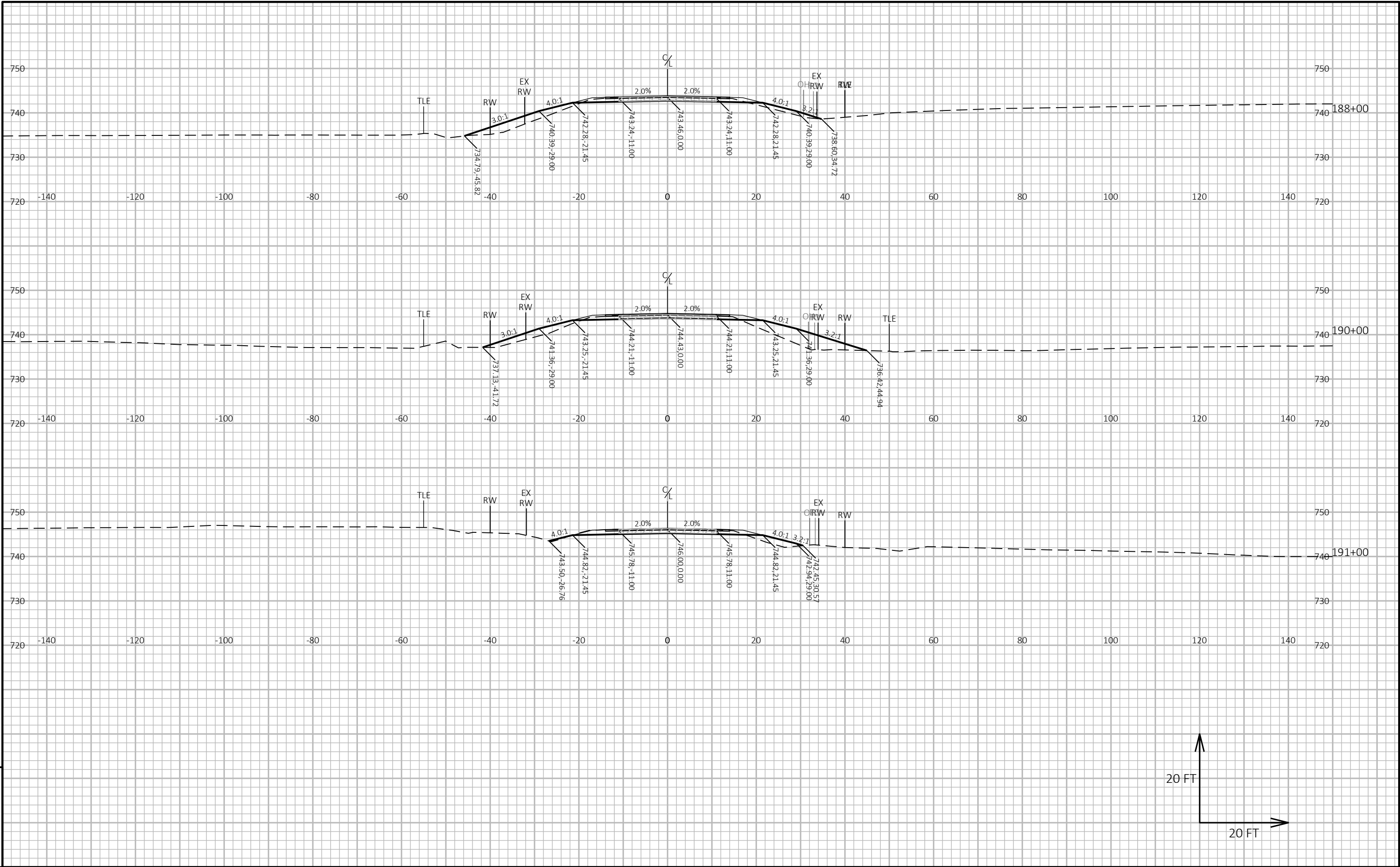






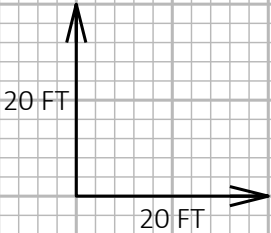






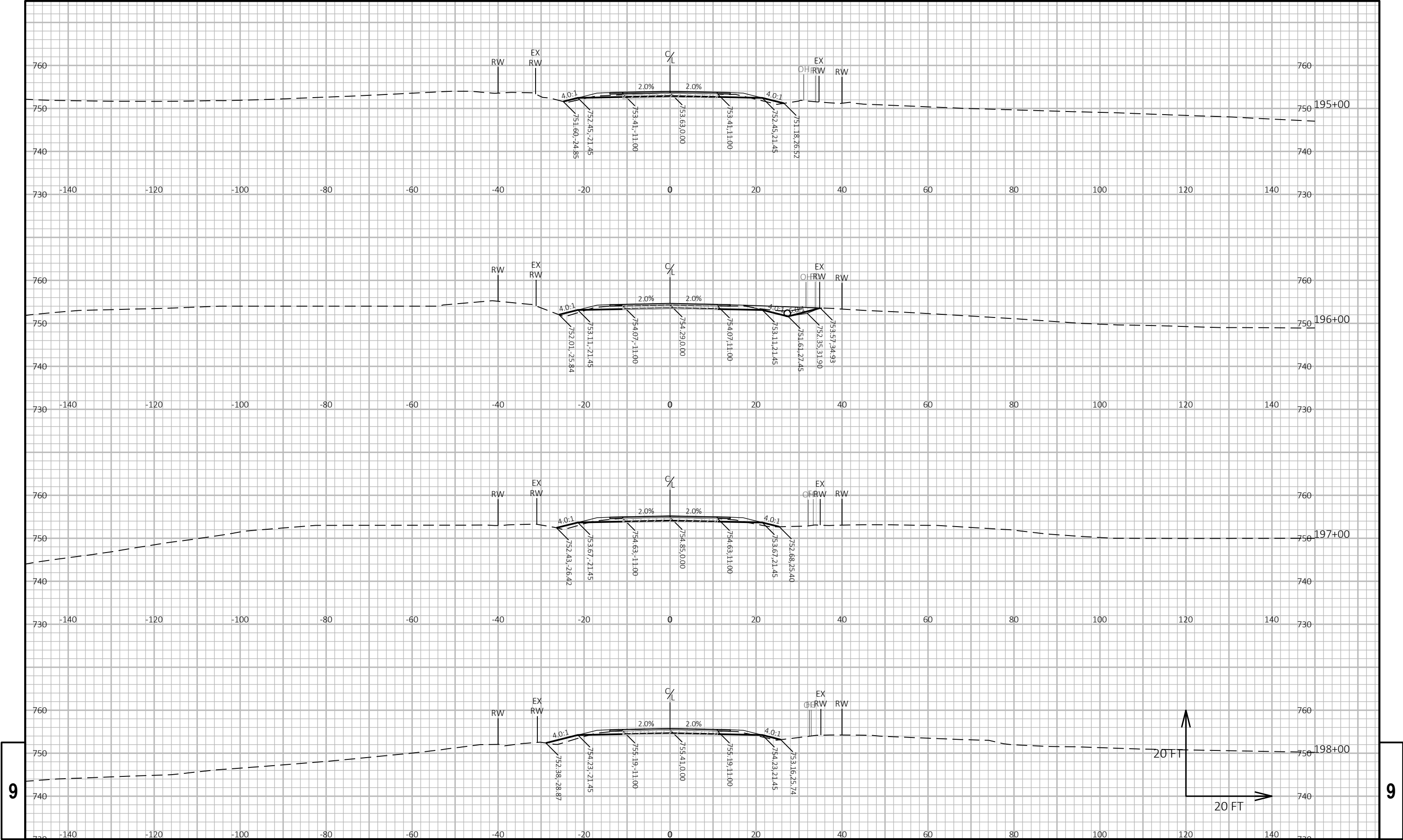
9

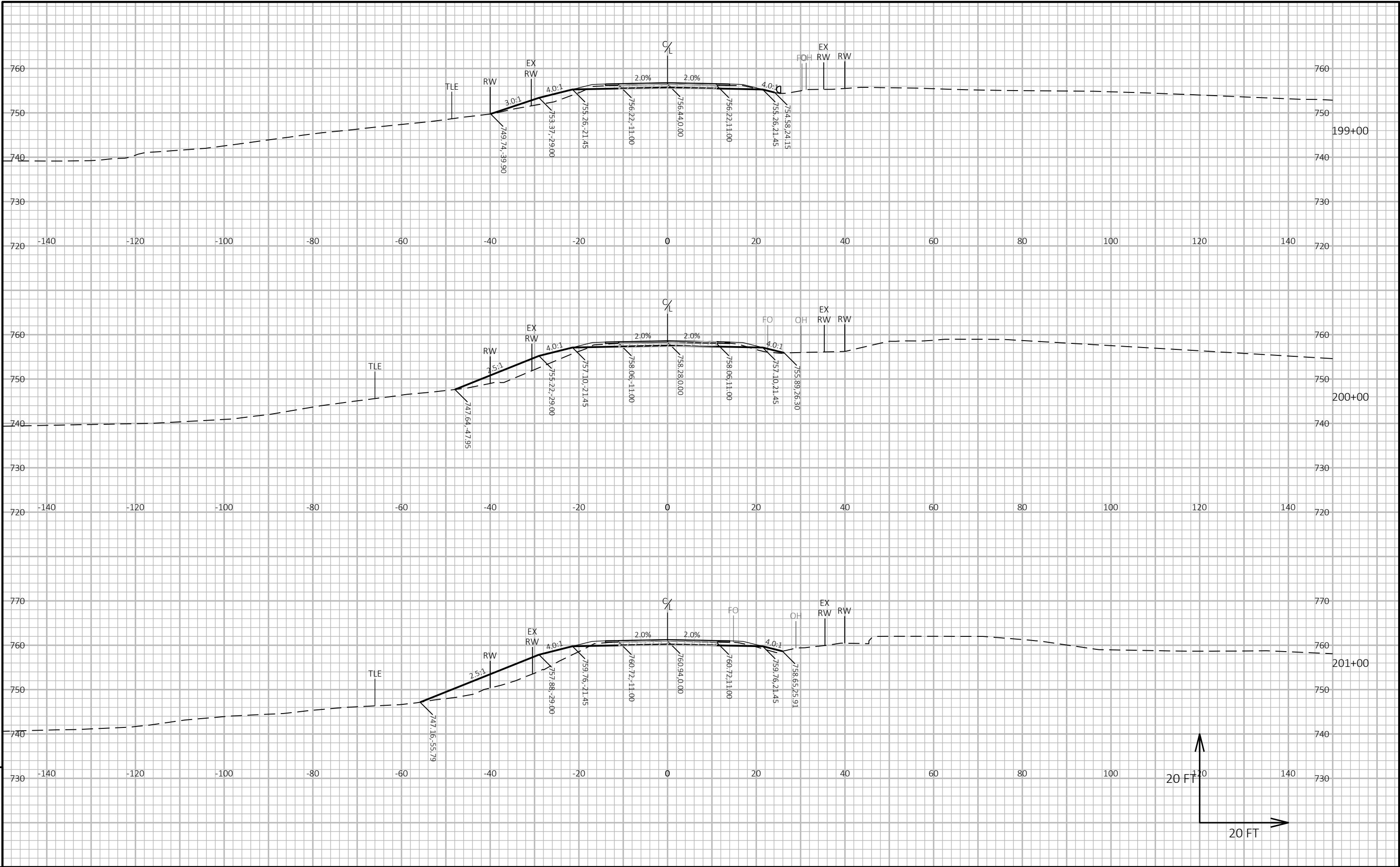
9



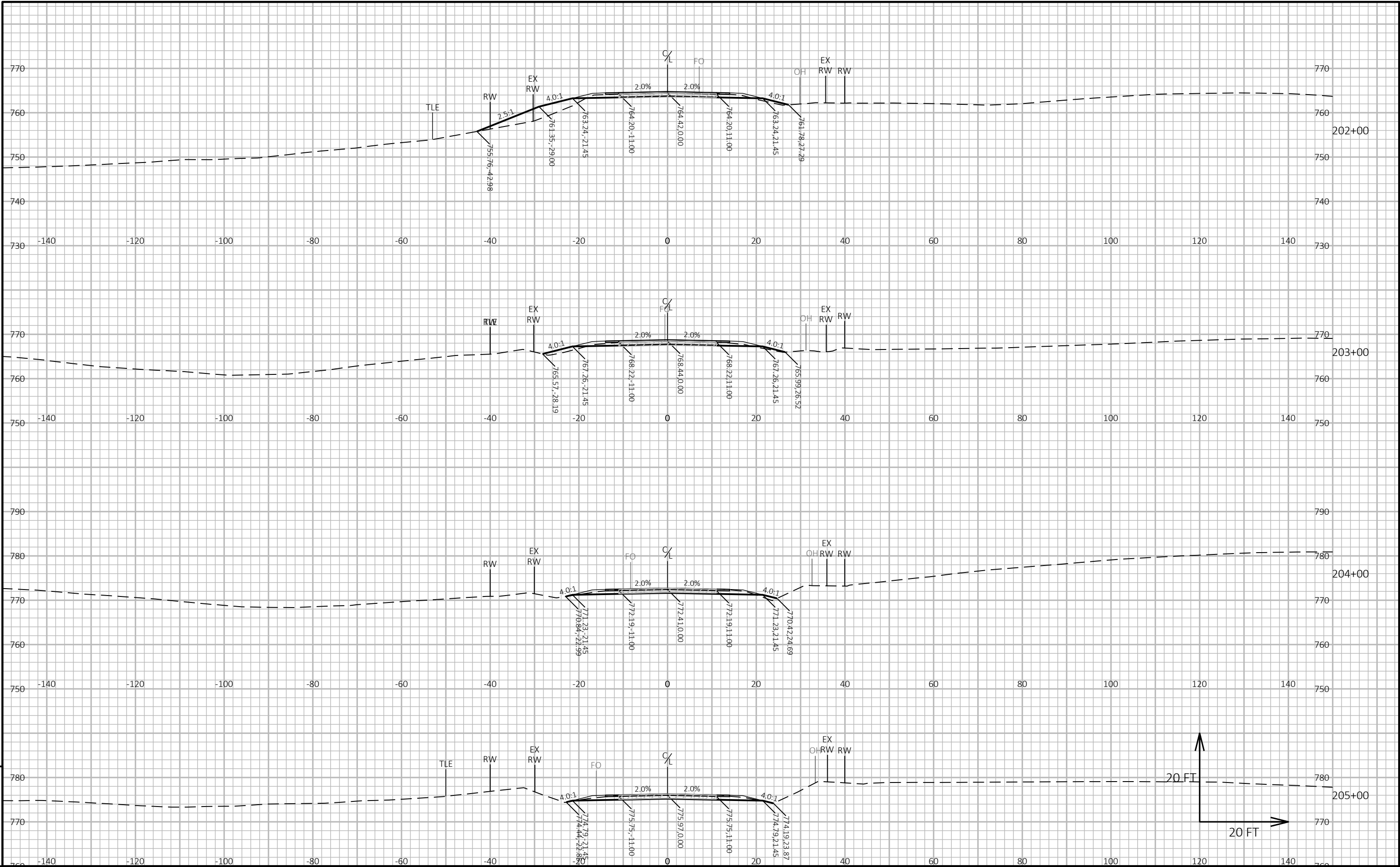
9

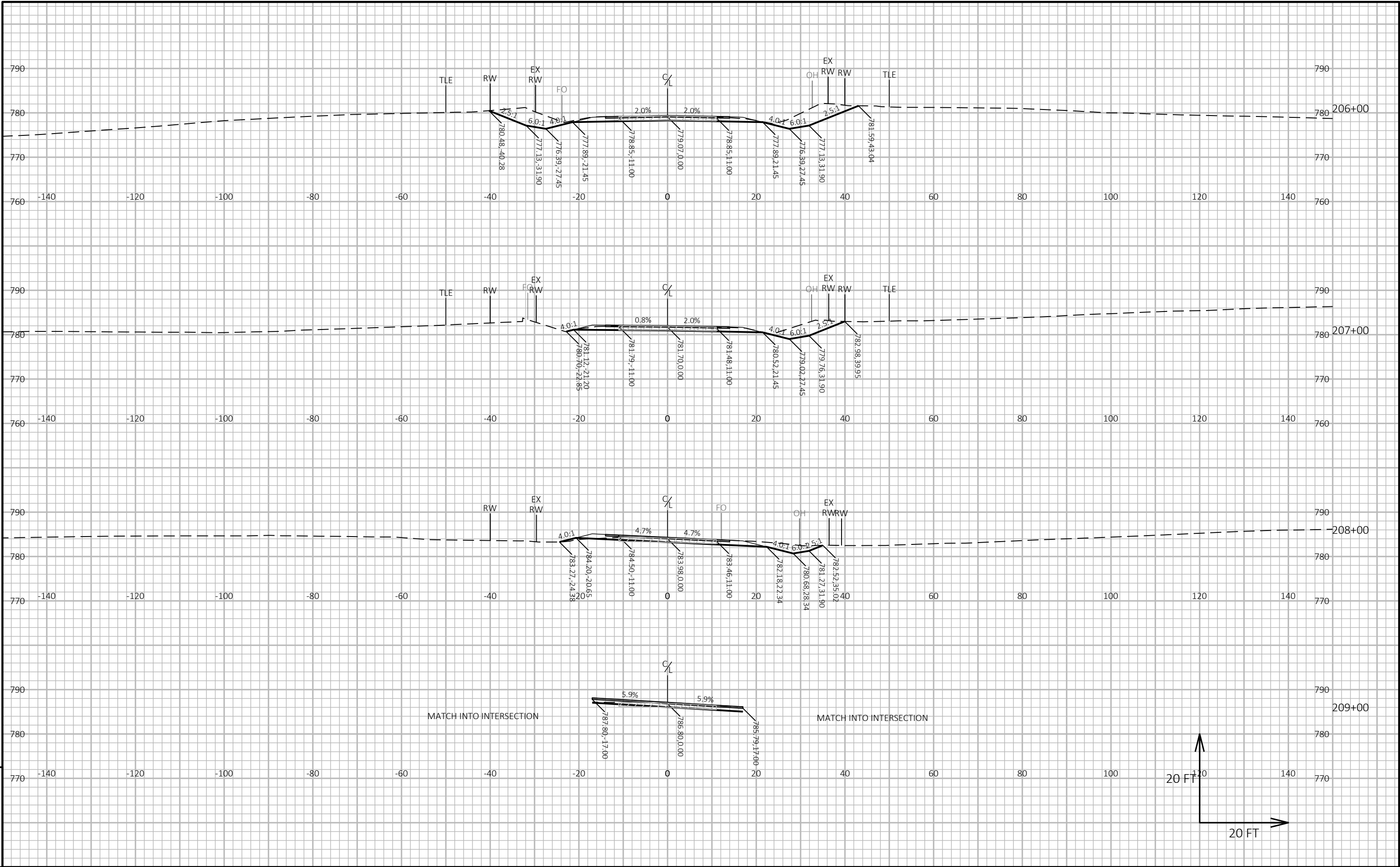
9

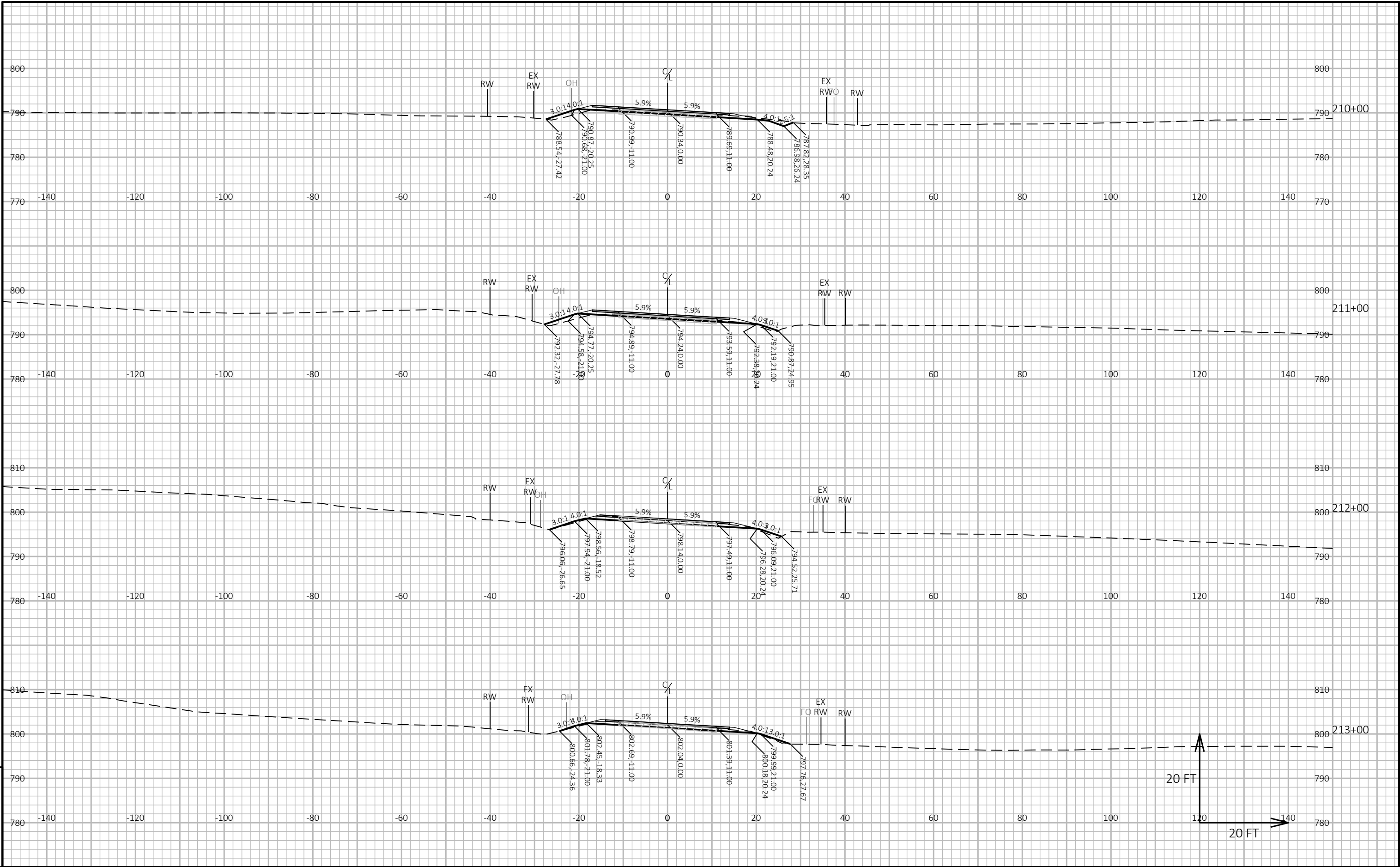


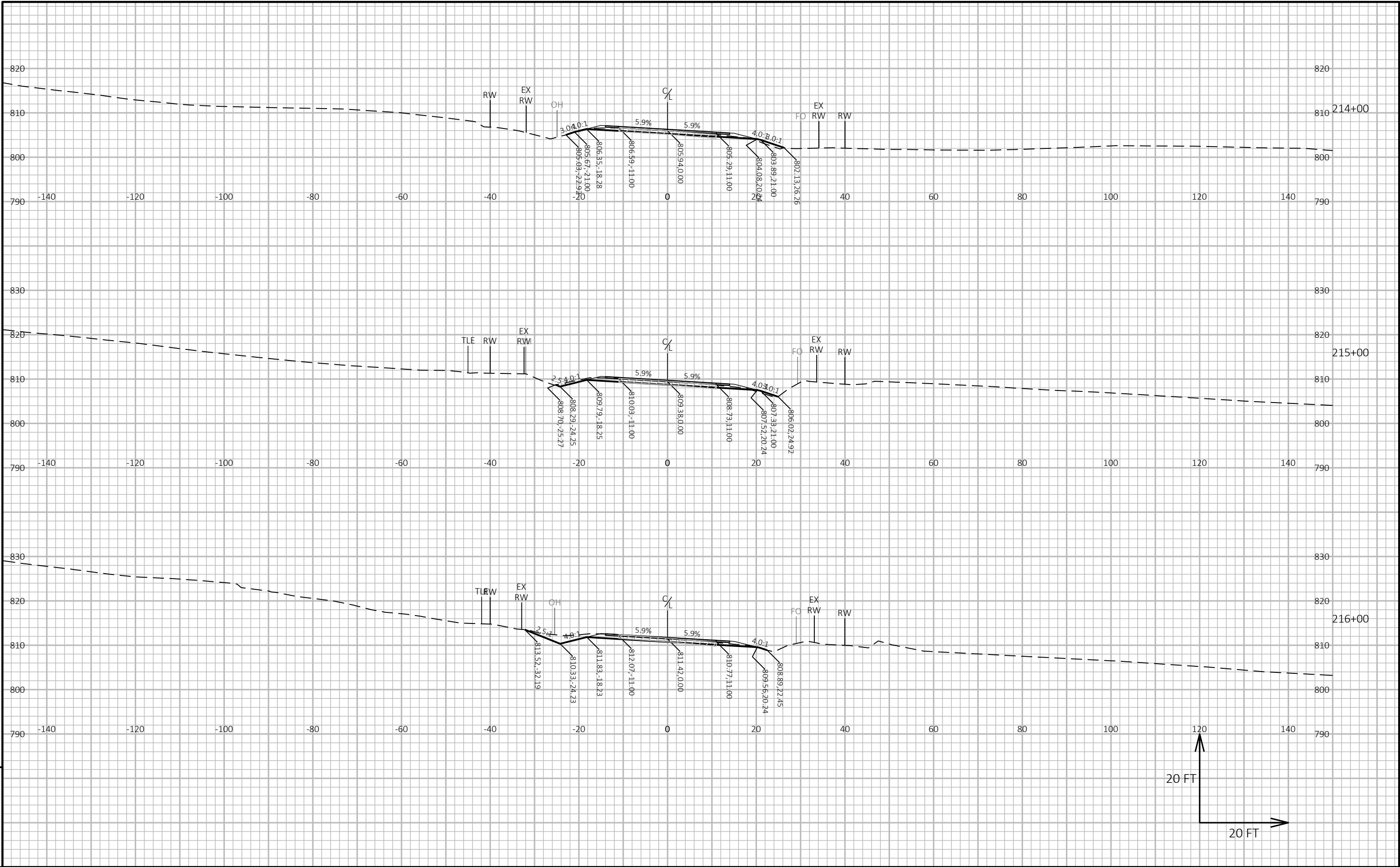


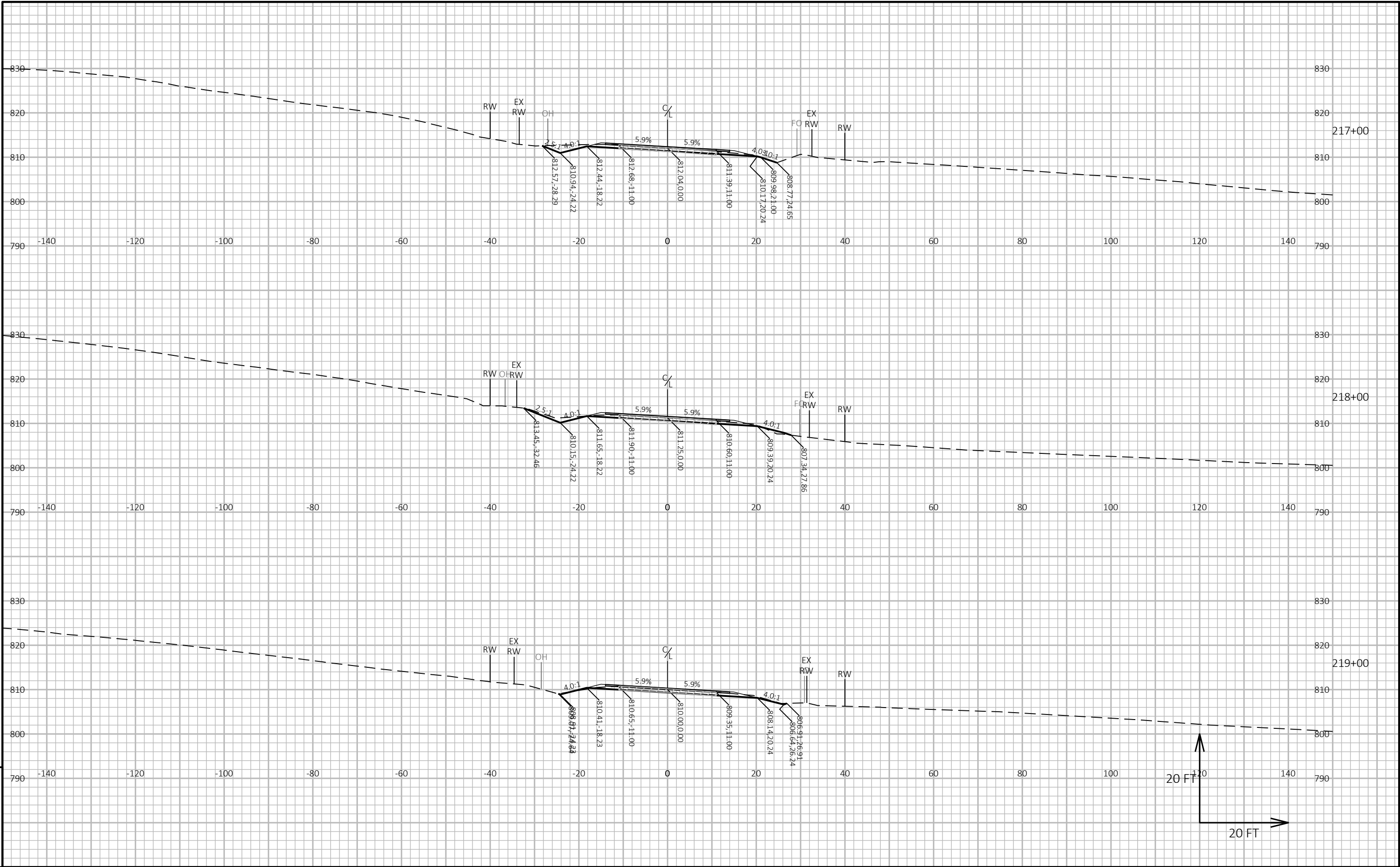
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 260	E
------------------------	------------	-------------------	-----------------------	-----------	---

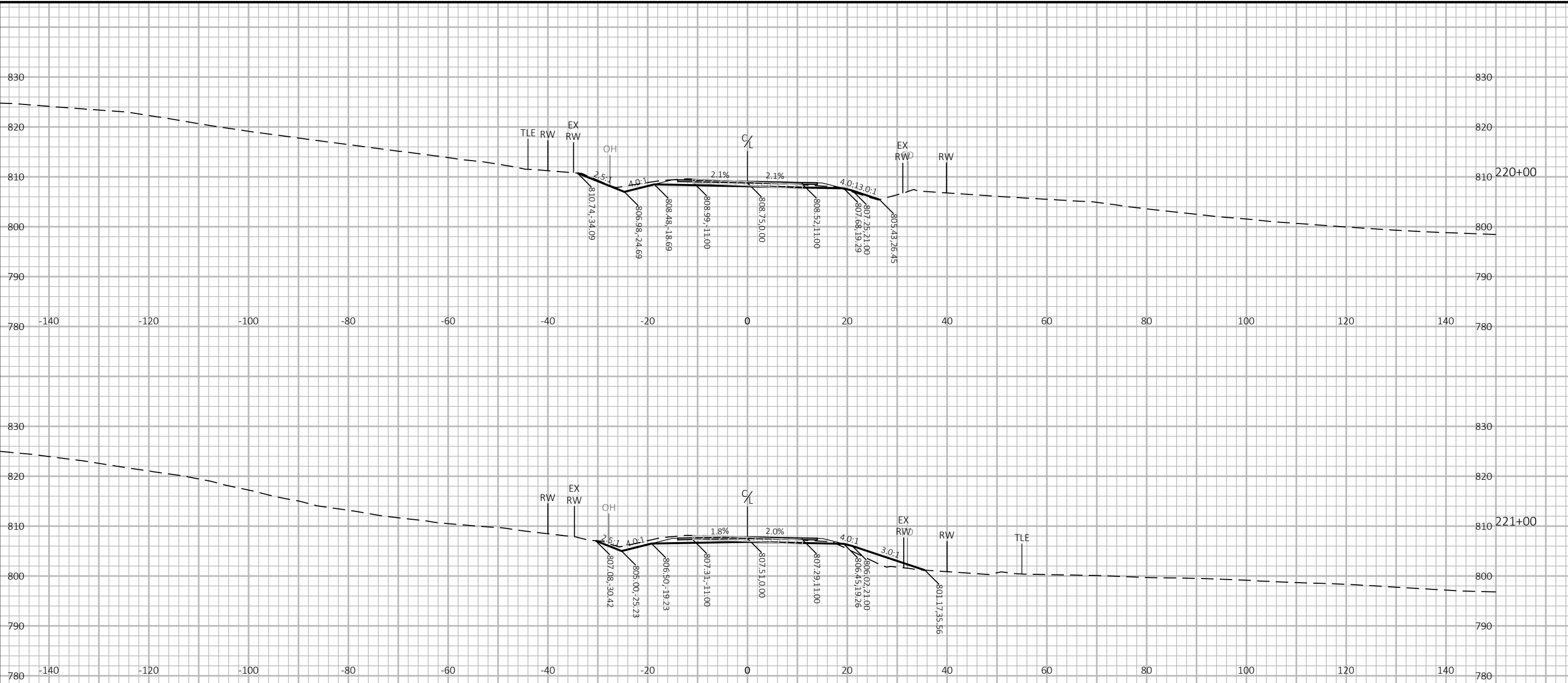


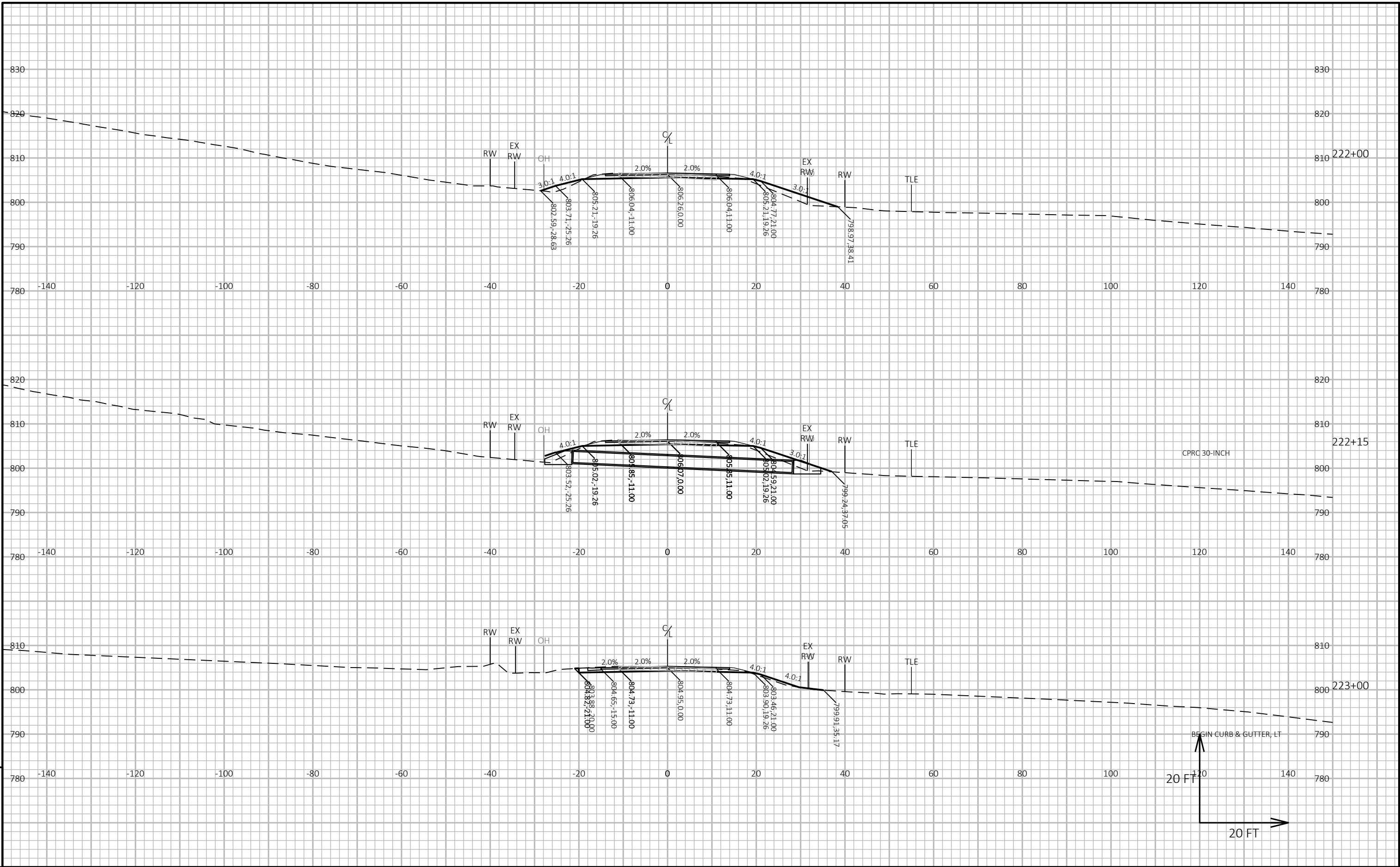


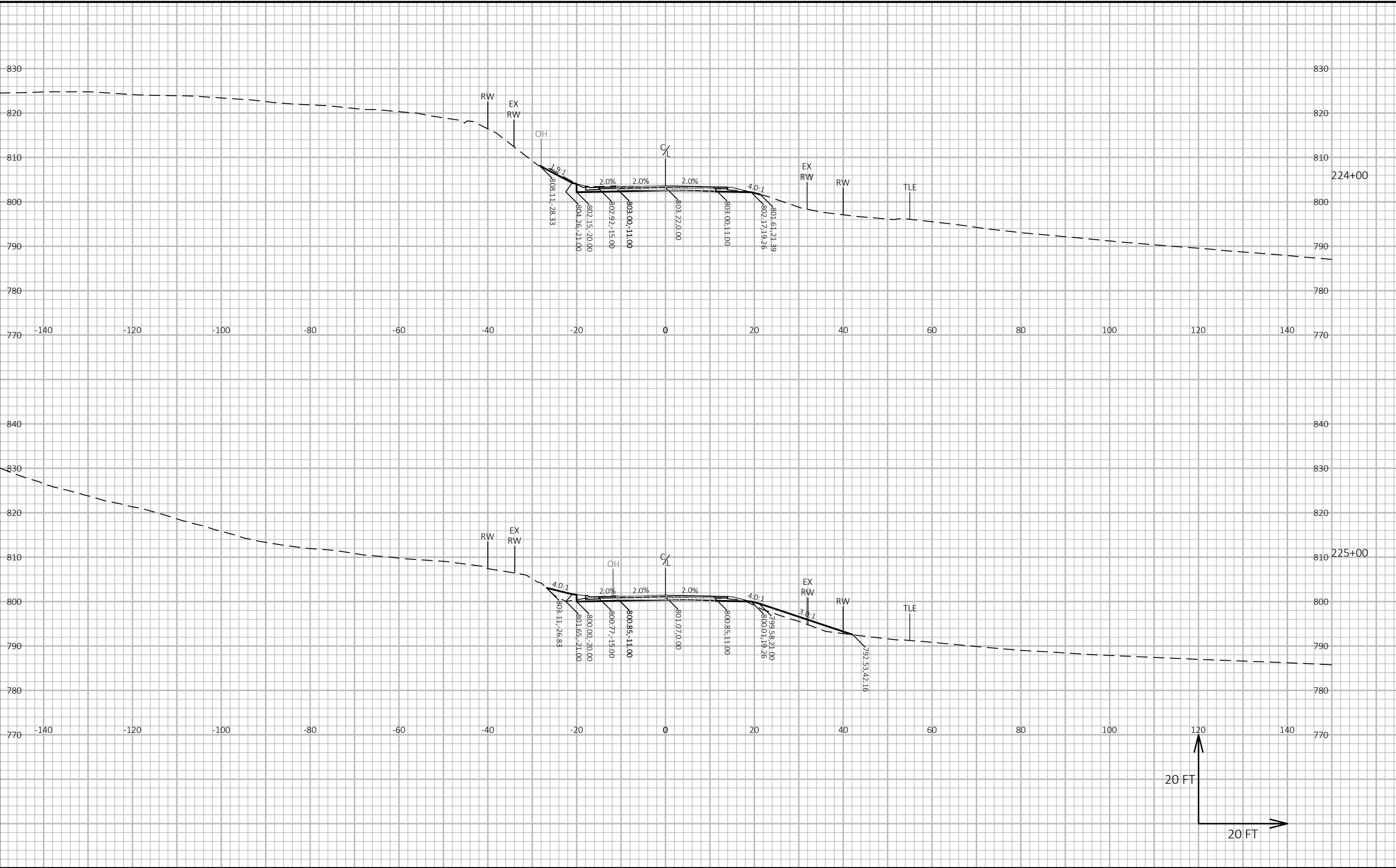


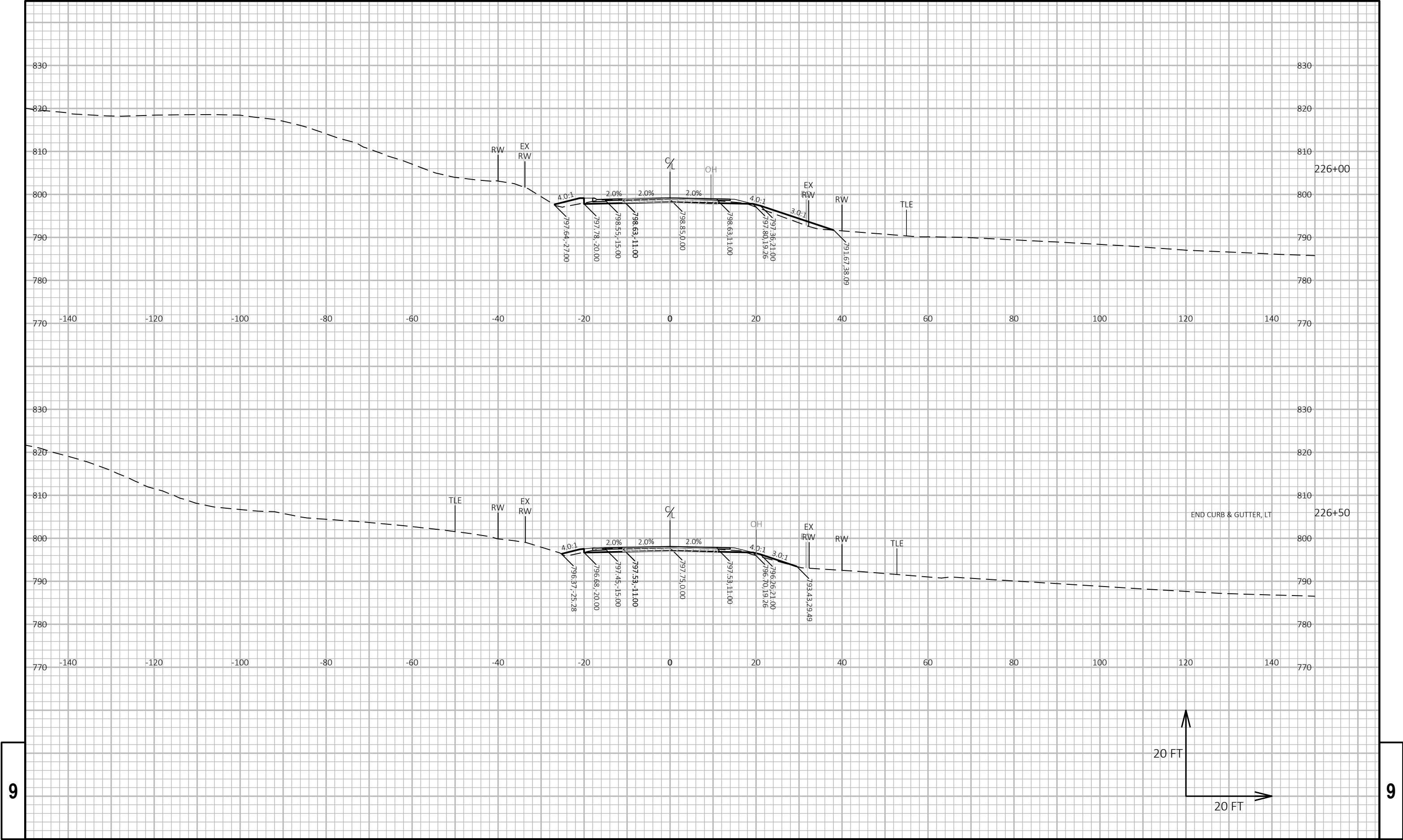






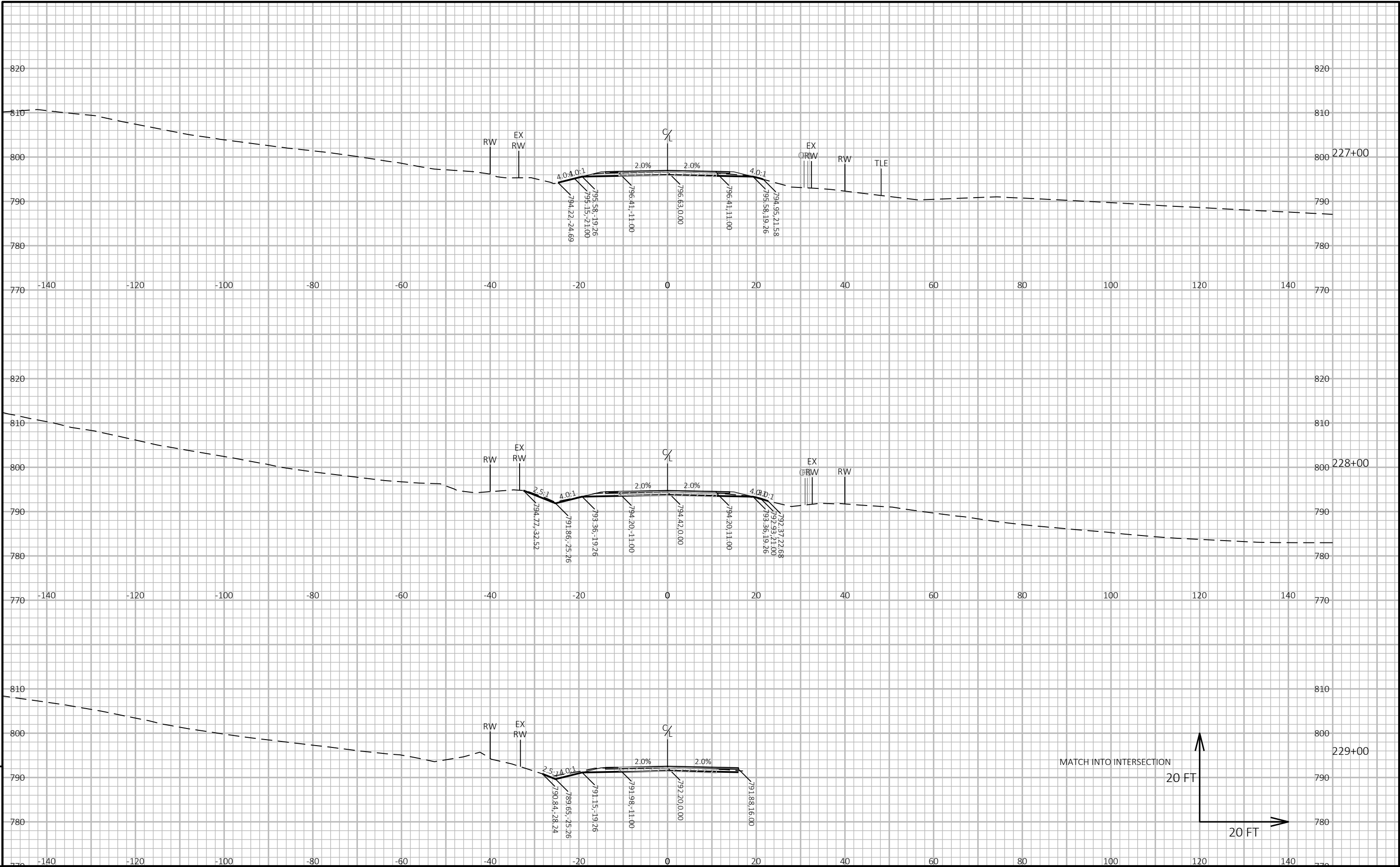


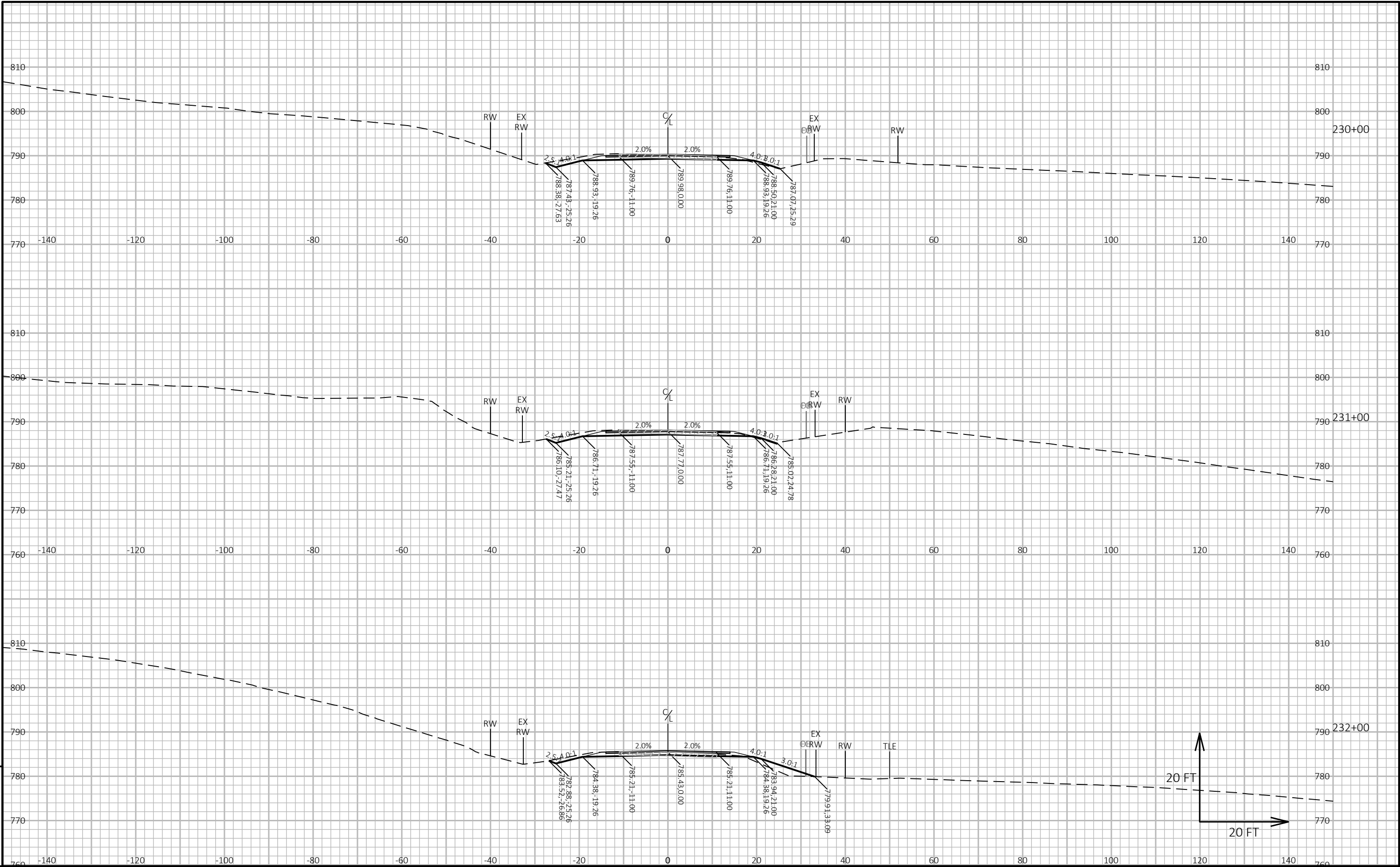


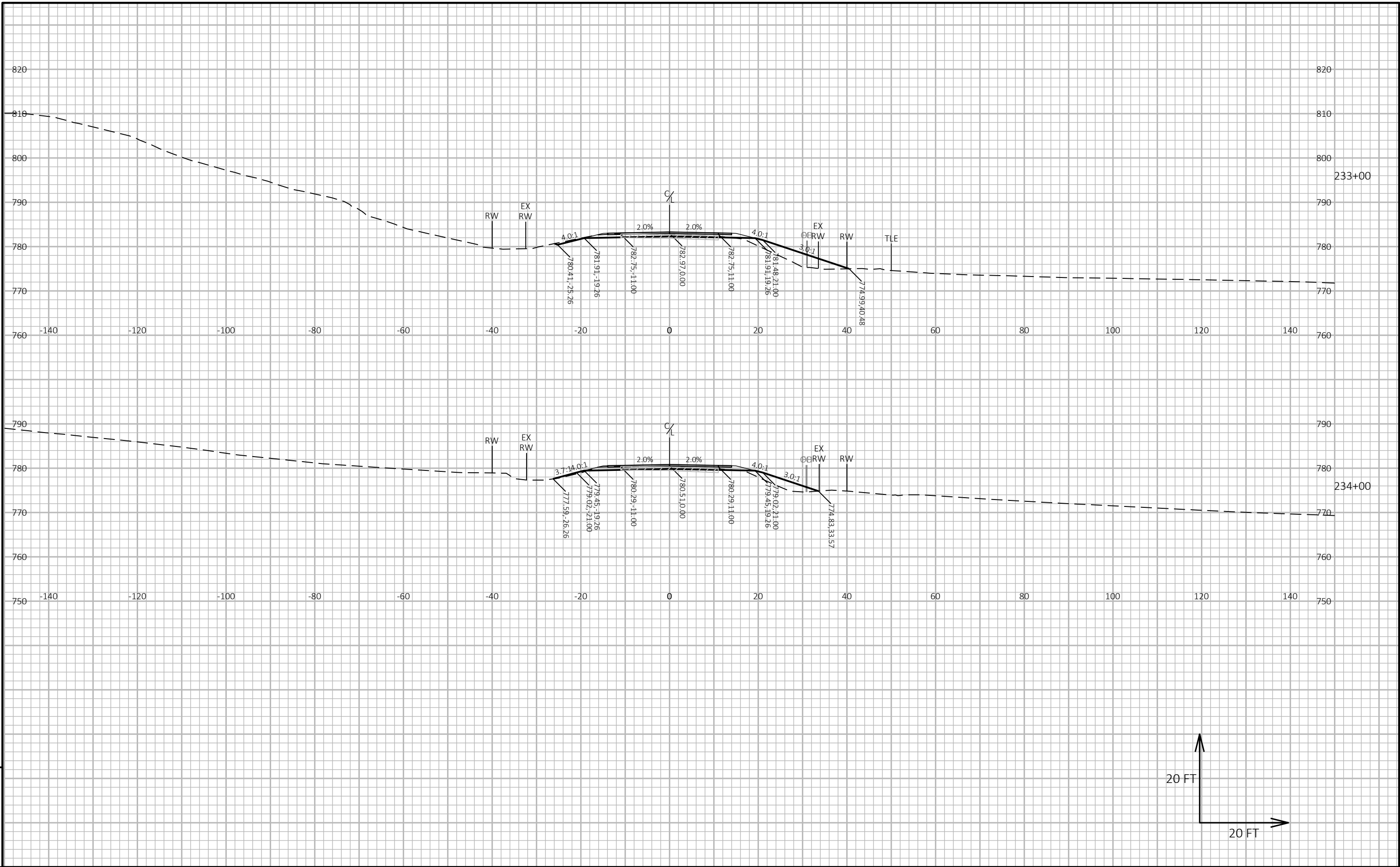


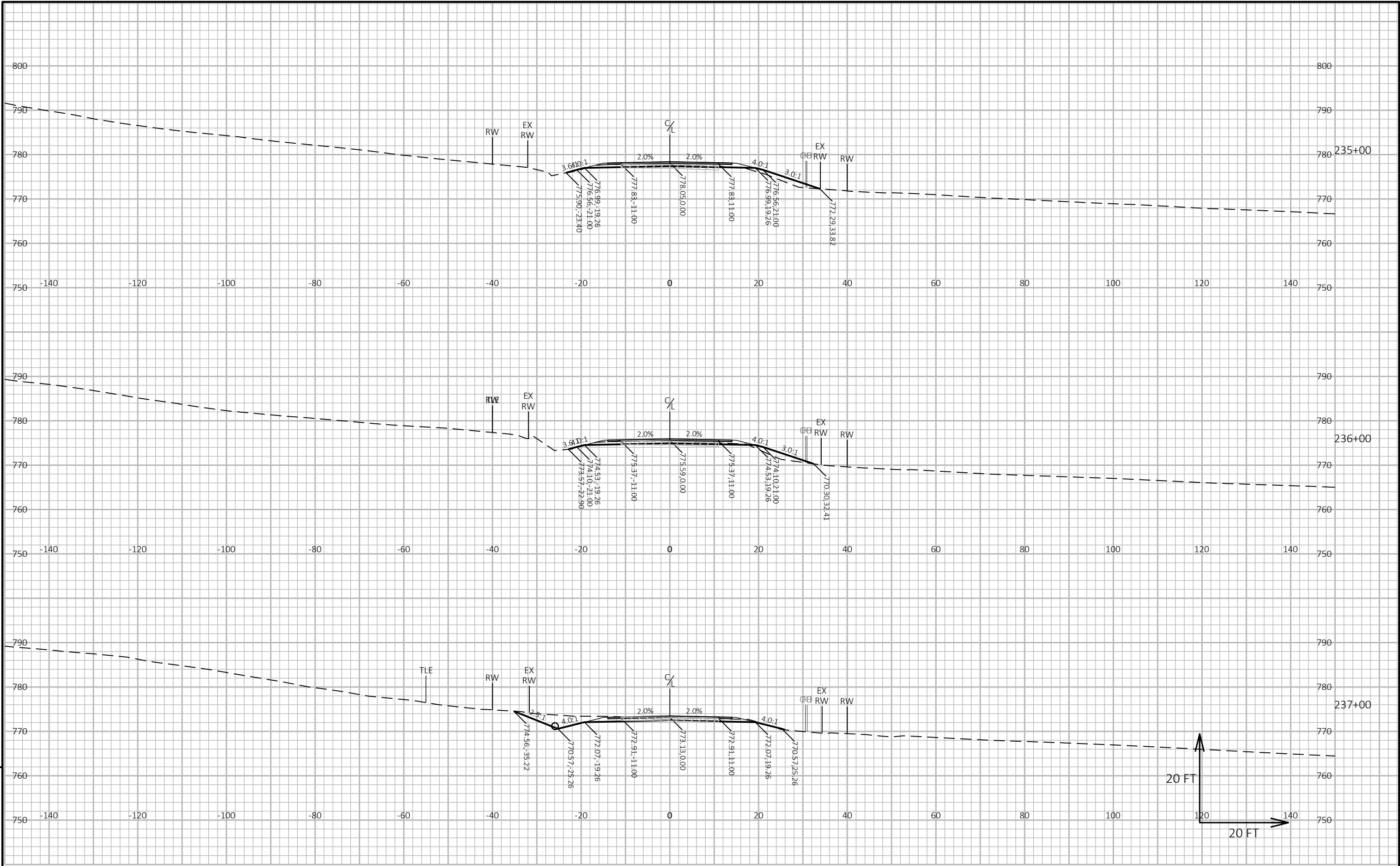
9

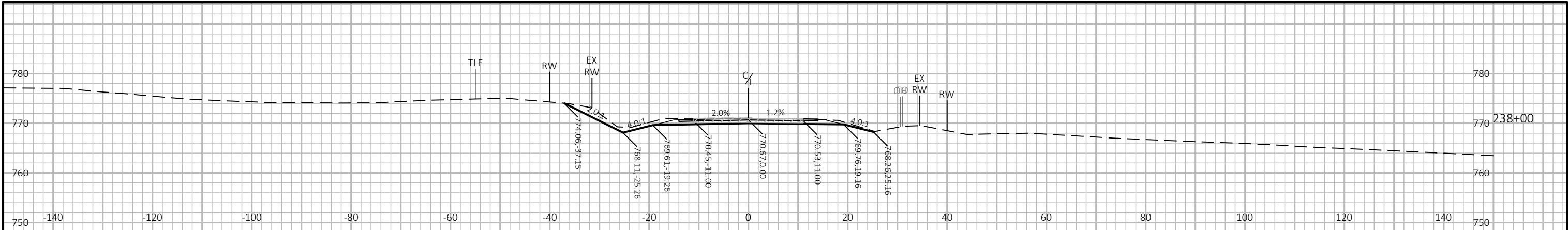
9





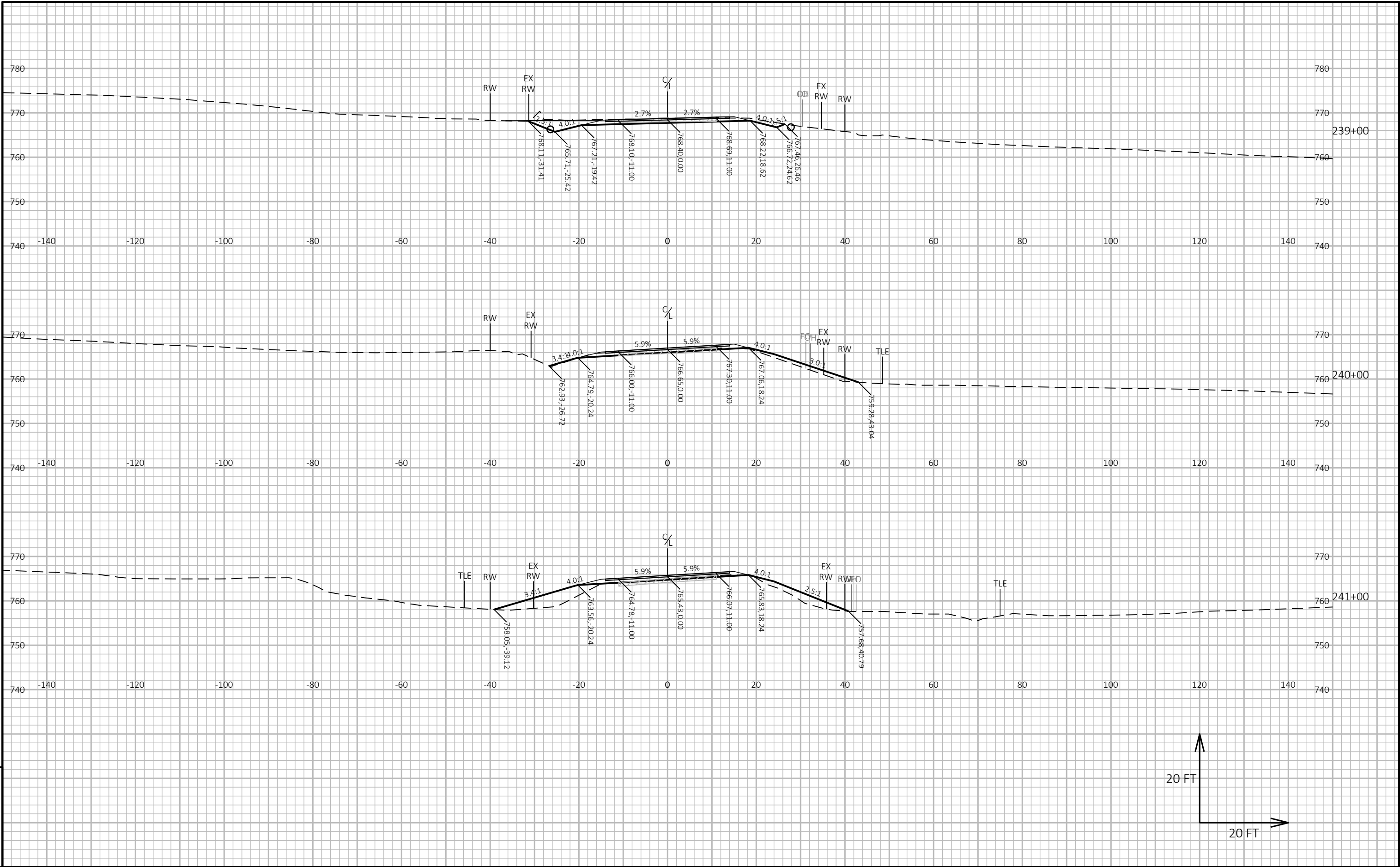




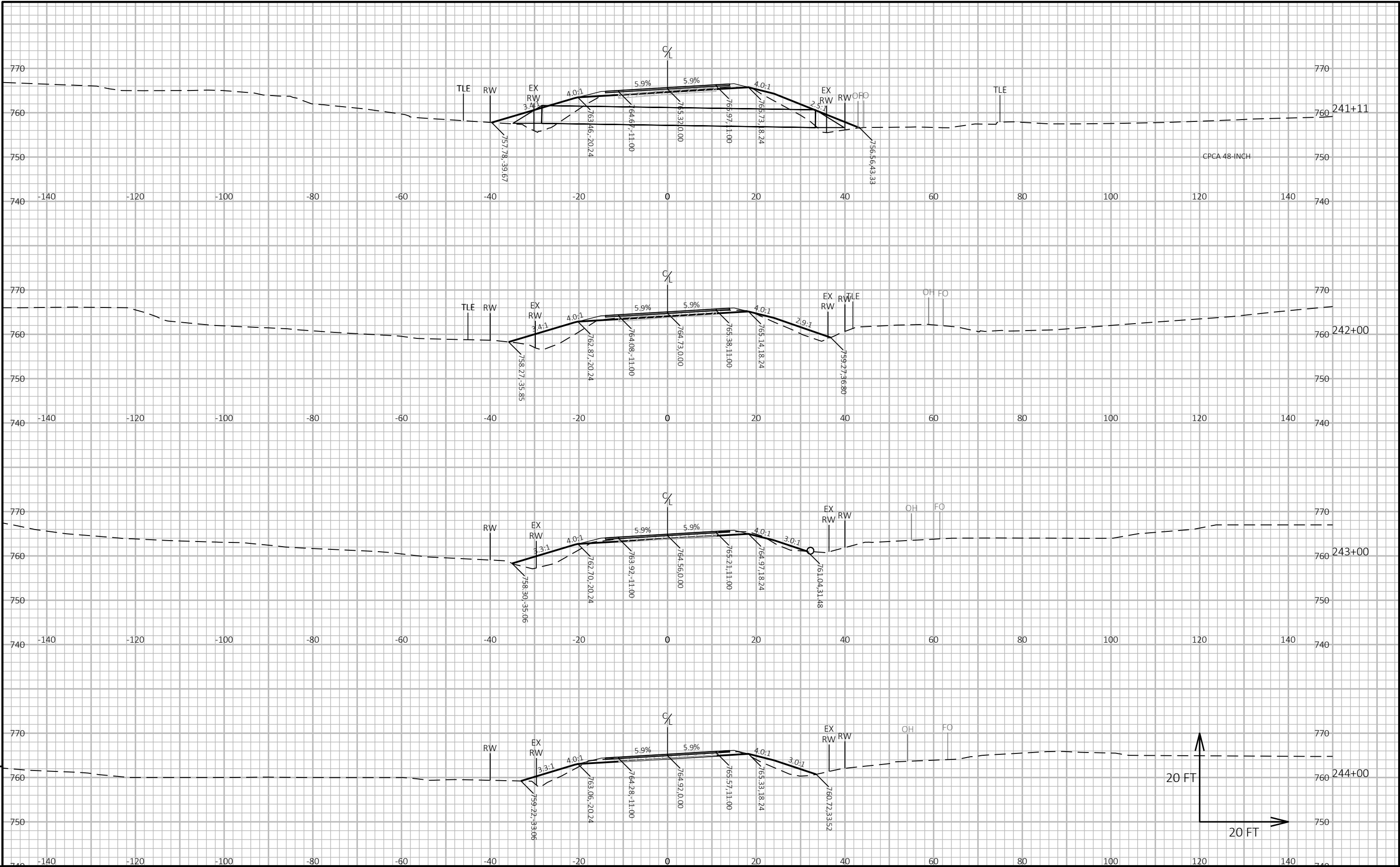


9

9

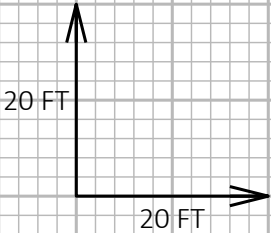


PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 275	E
------------------------	------------	-------------------	-----------------------	-----------	---



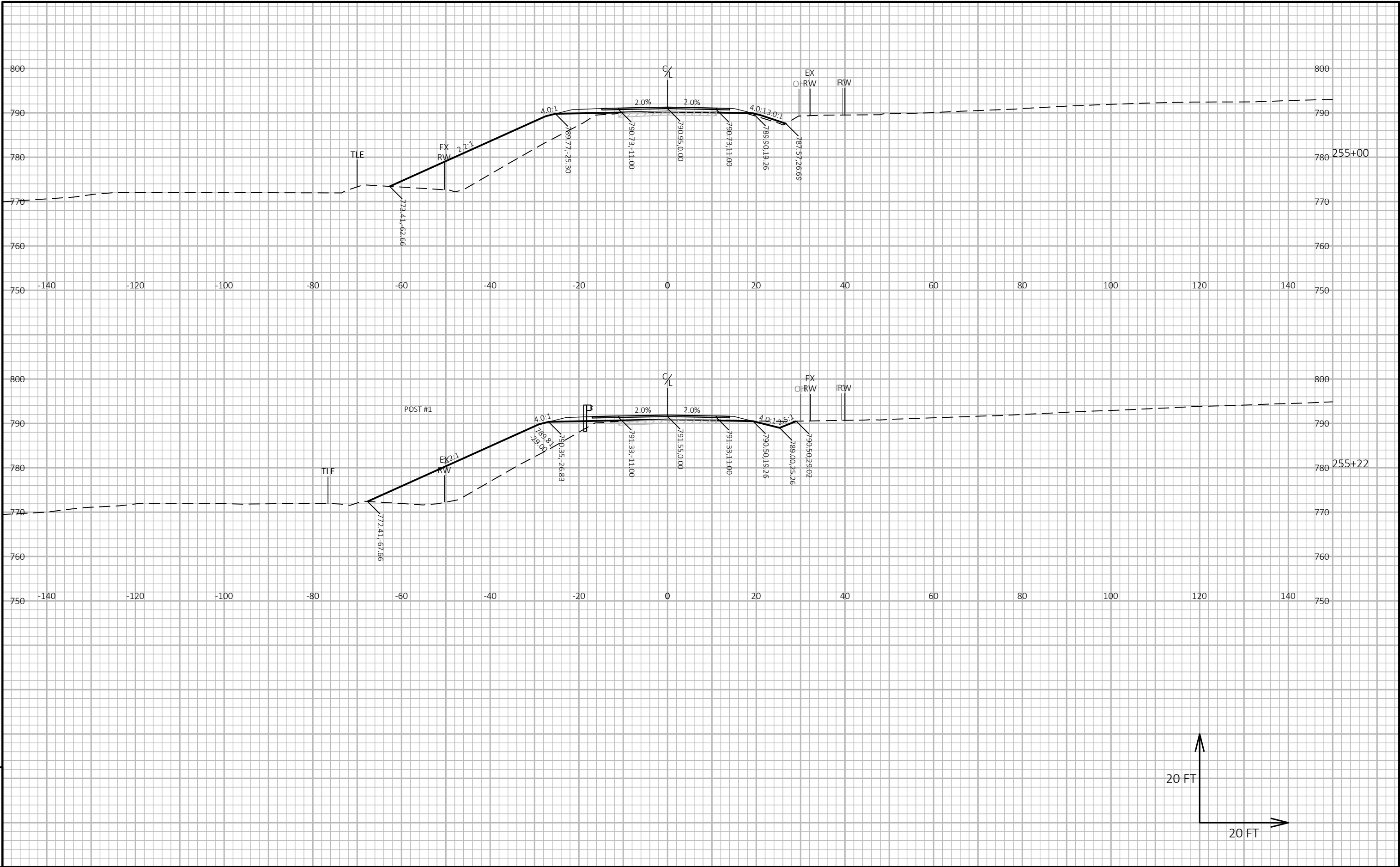






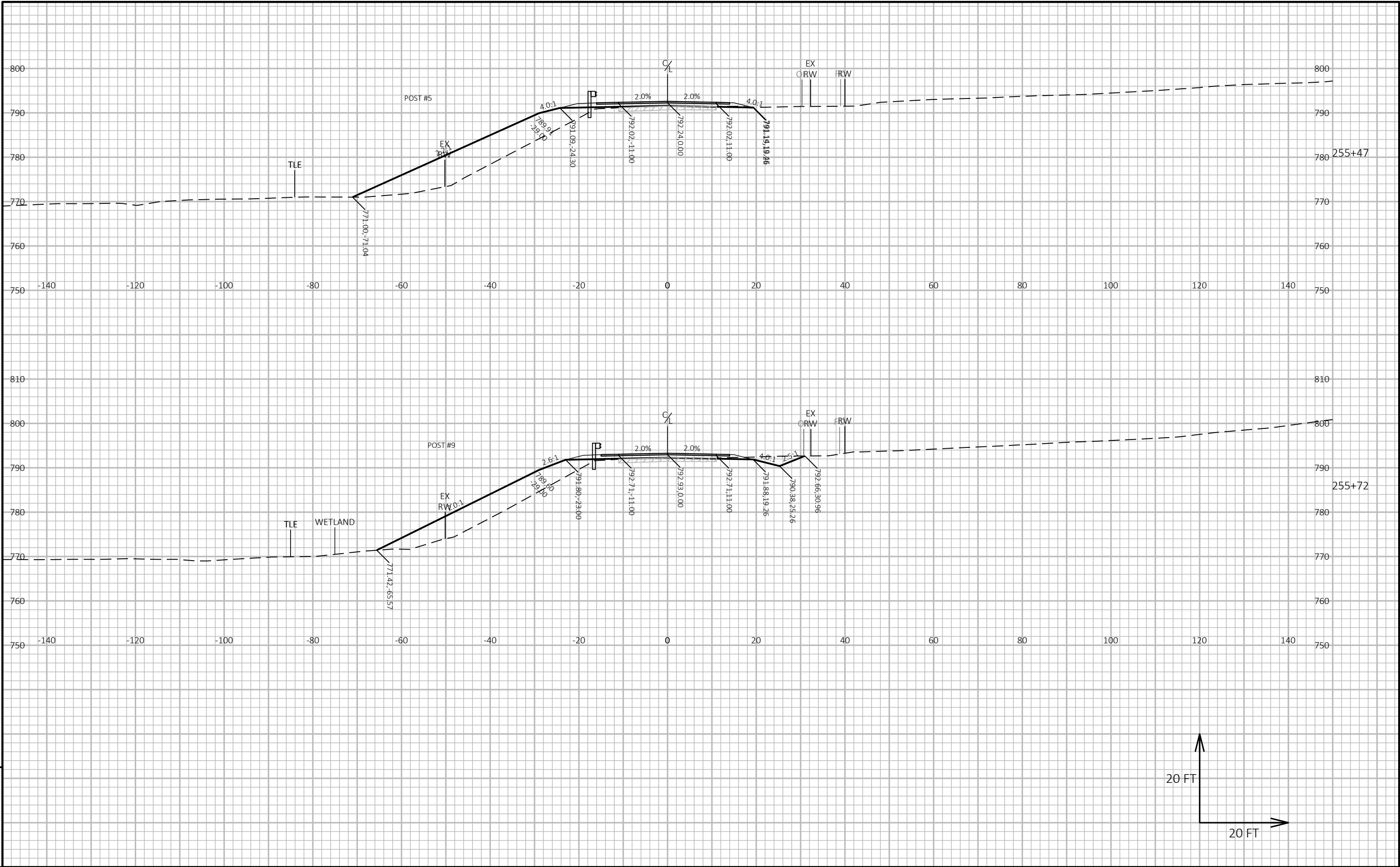
9

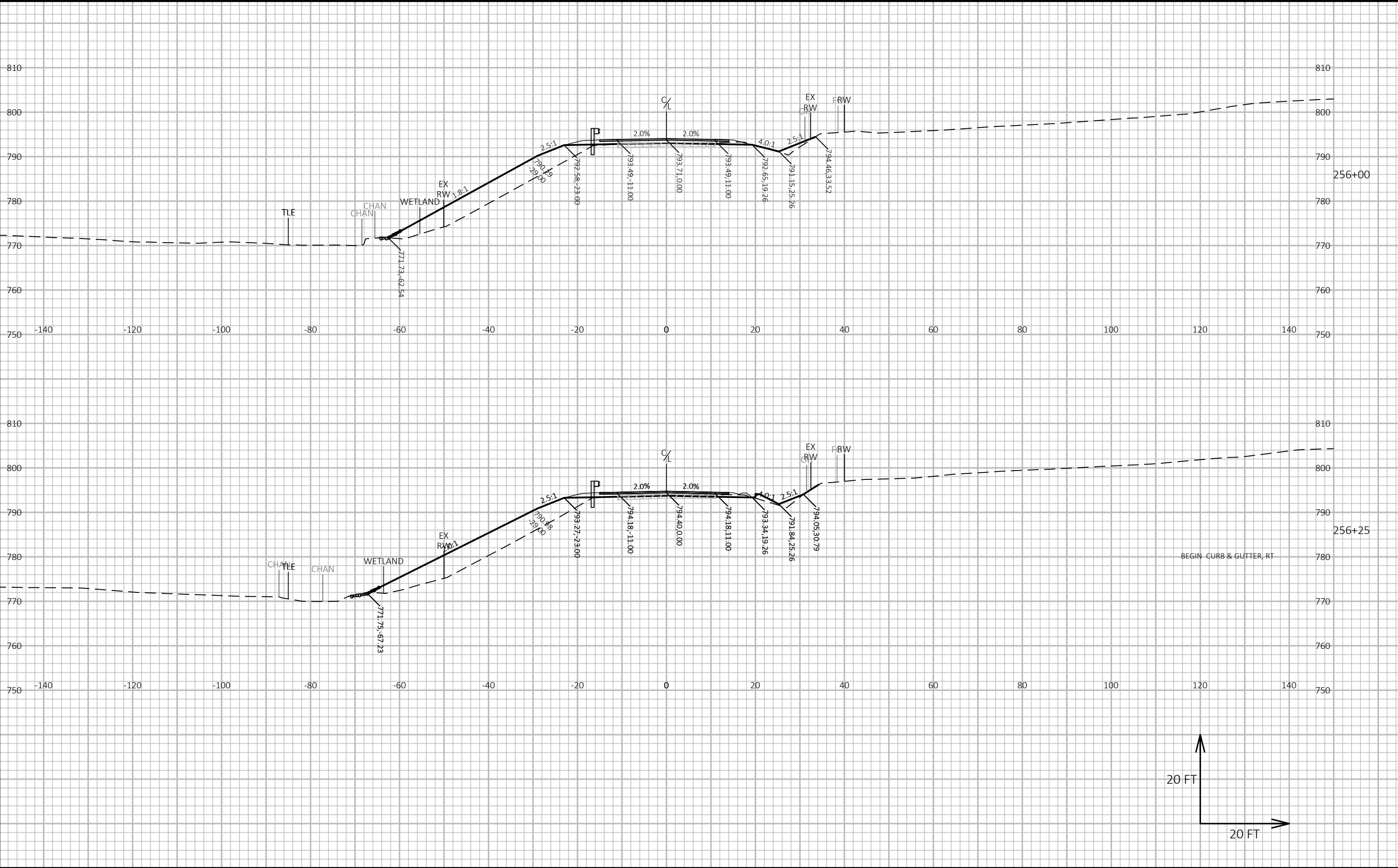
9

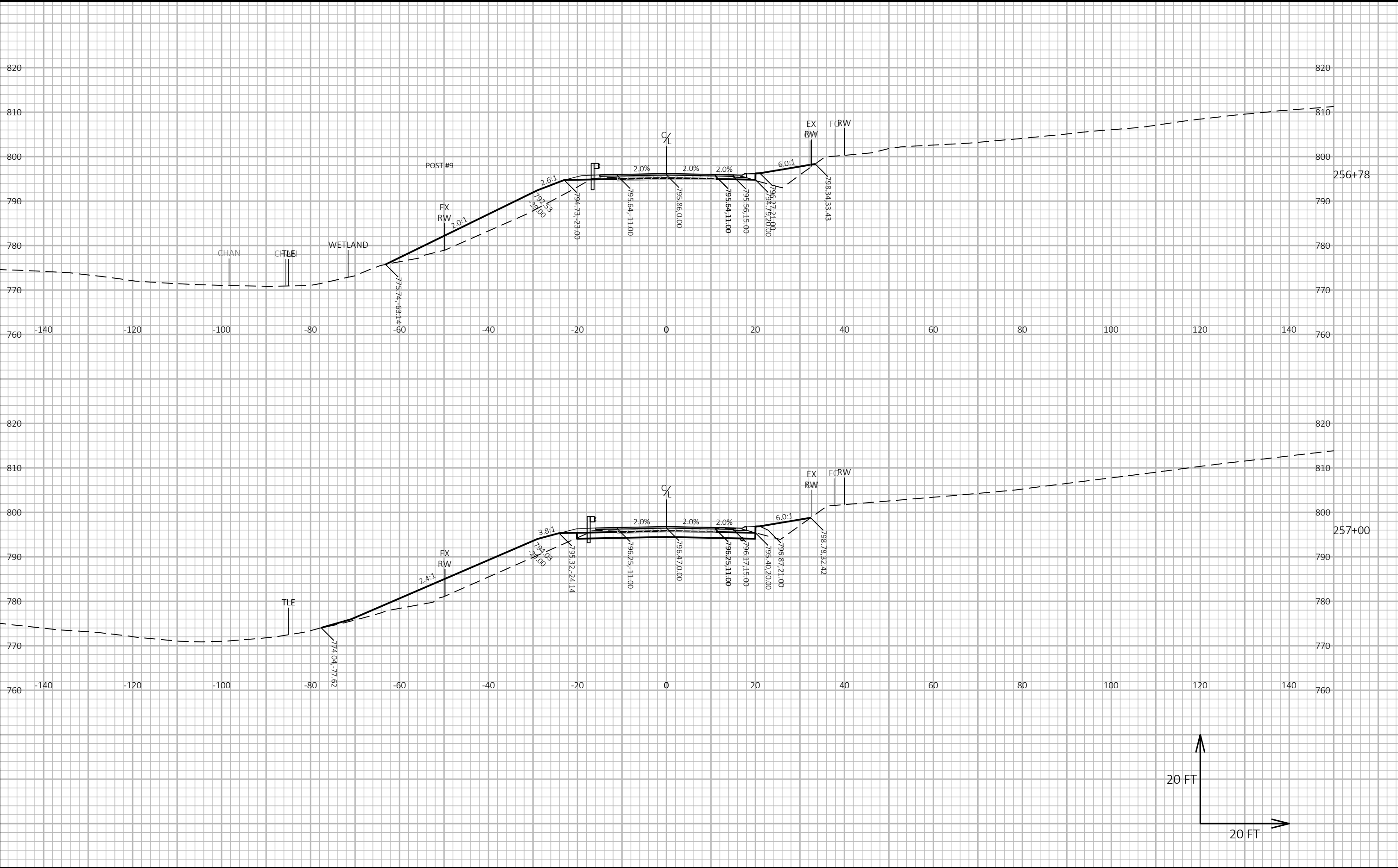


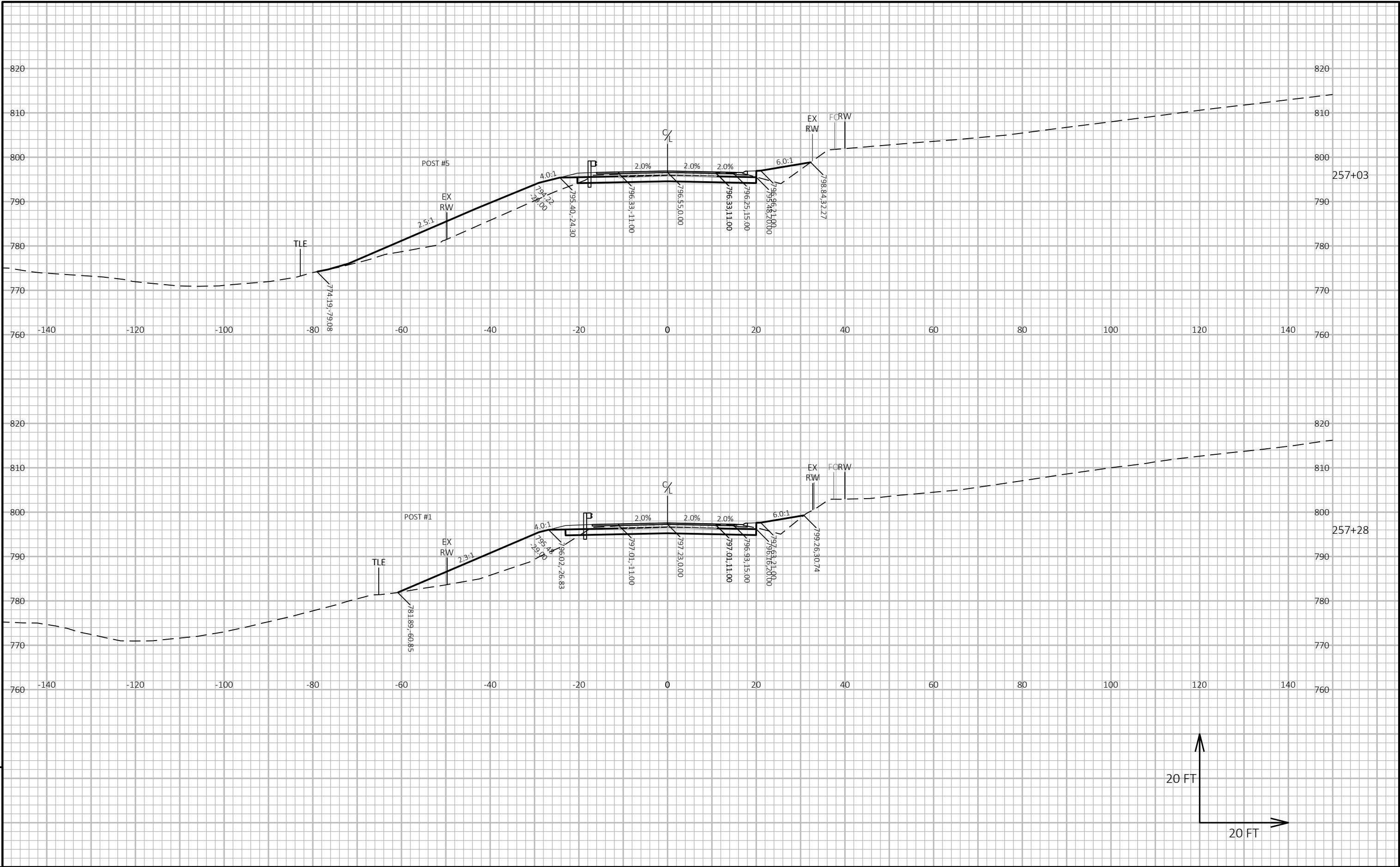
9

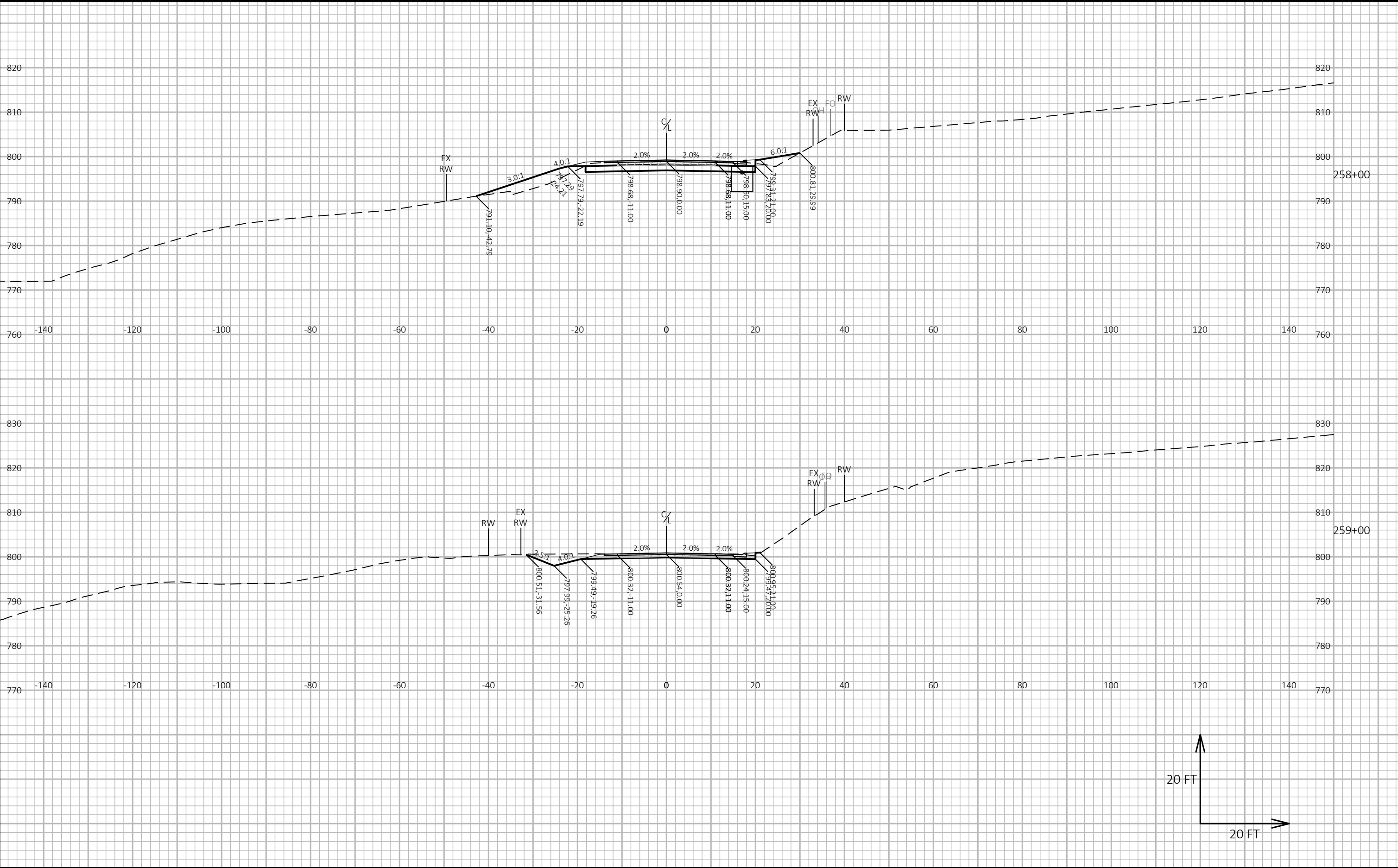
9

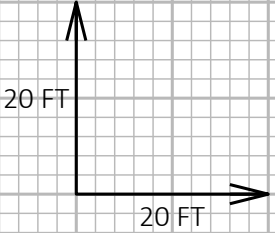
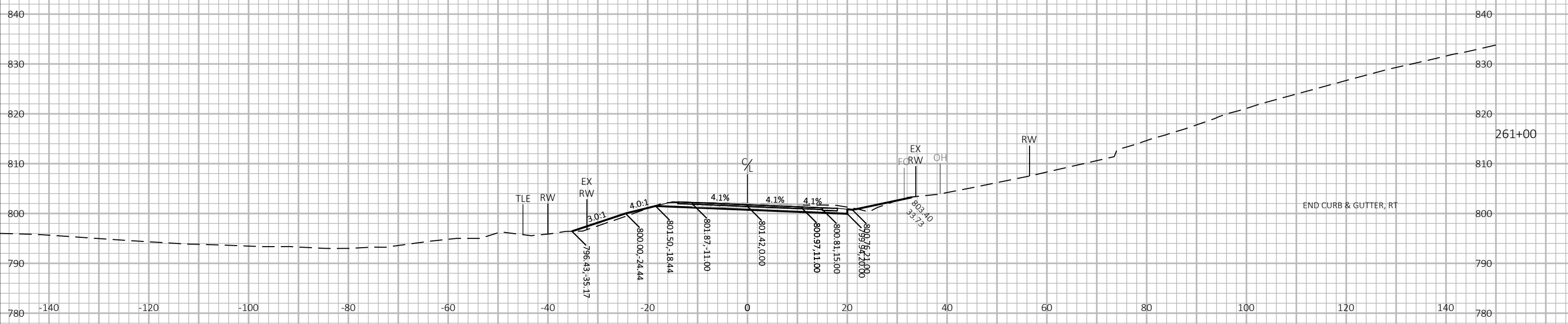
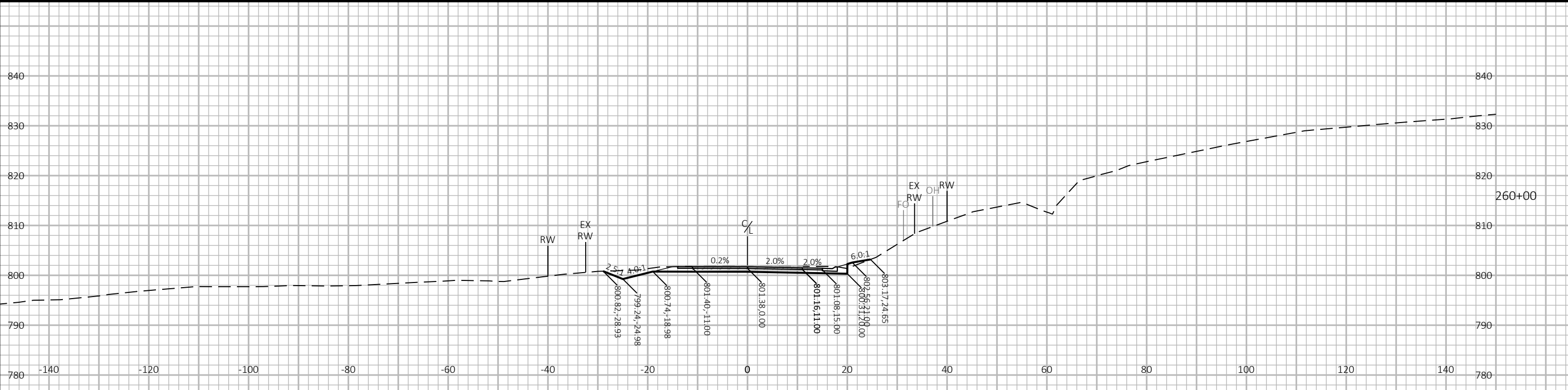






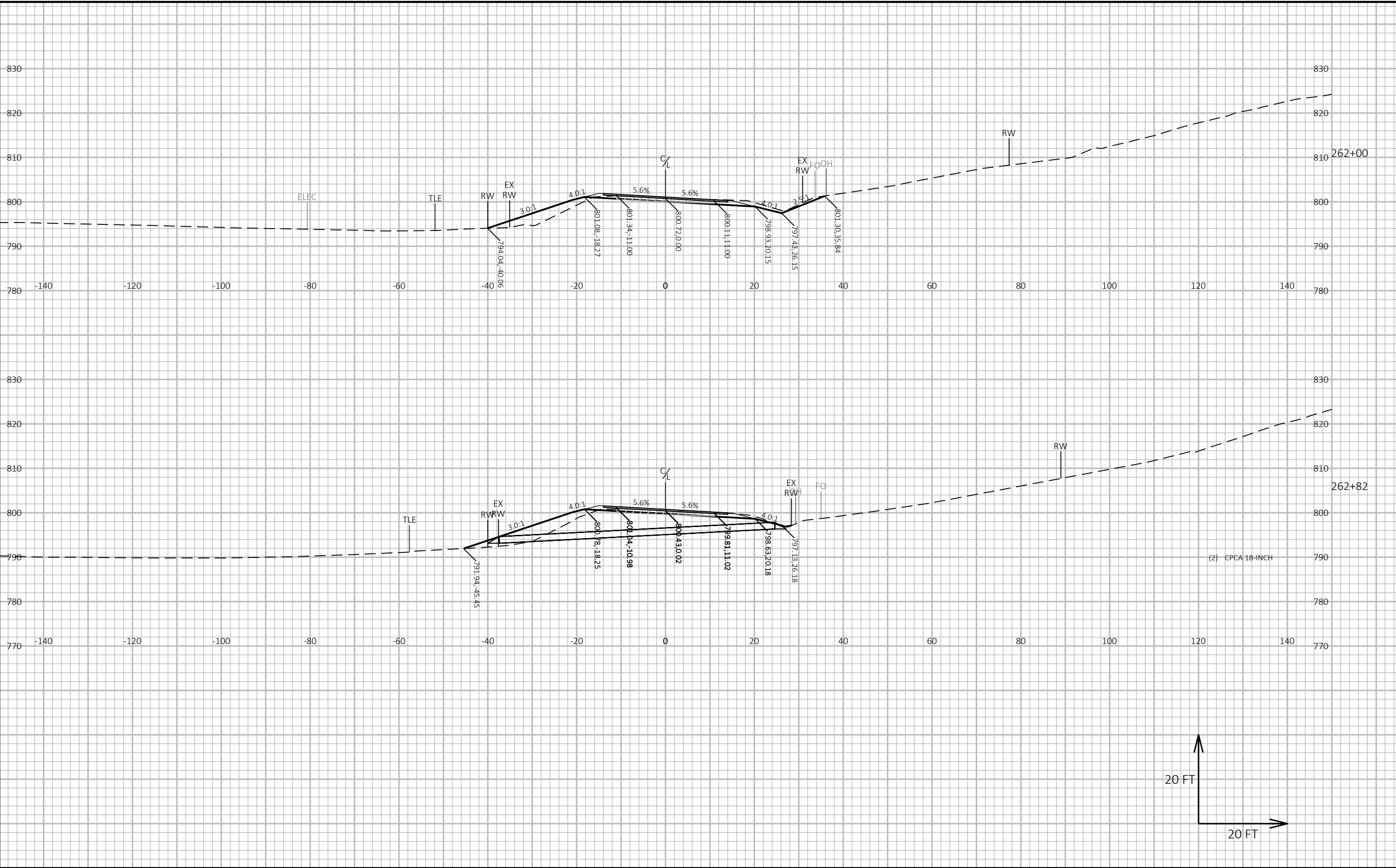


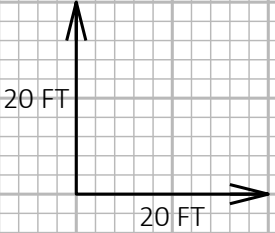
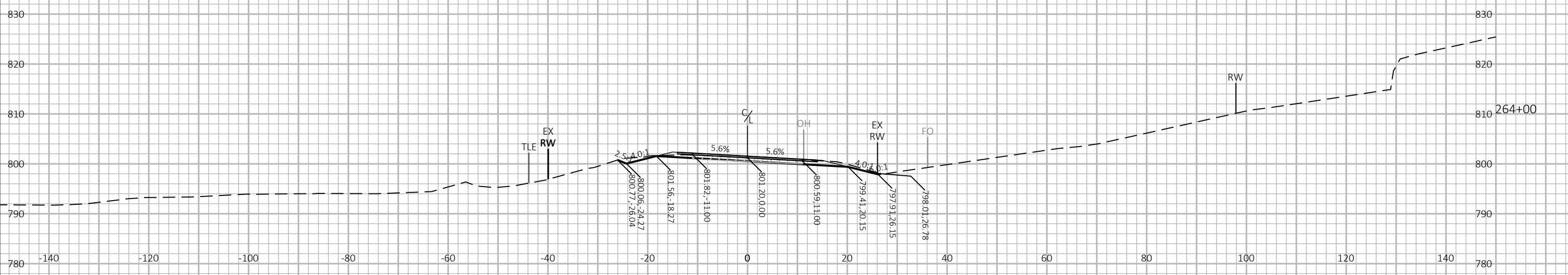
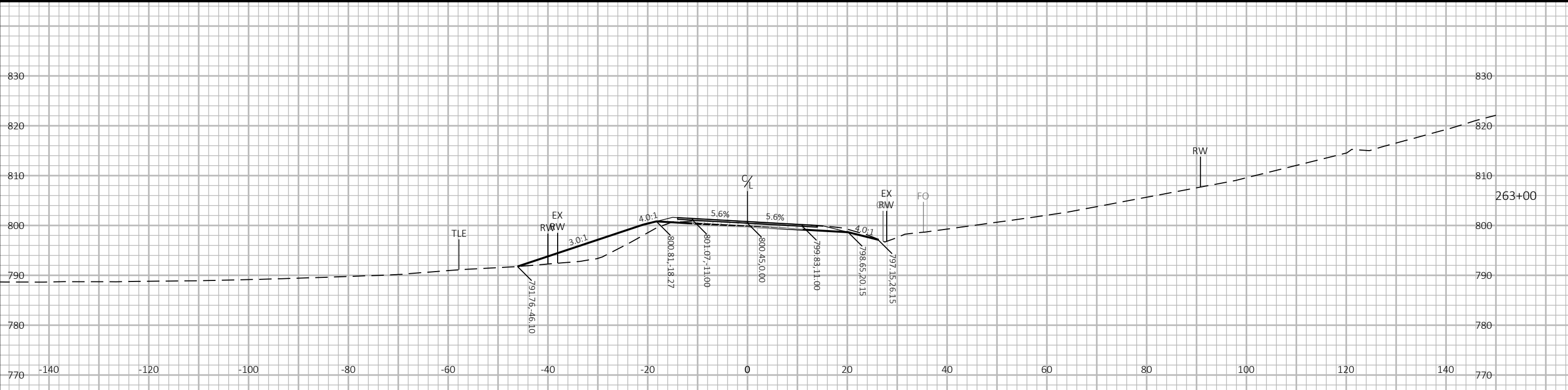


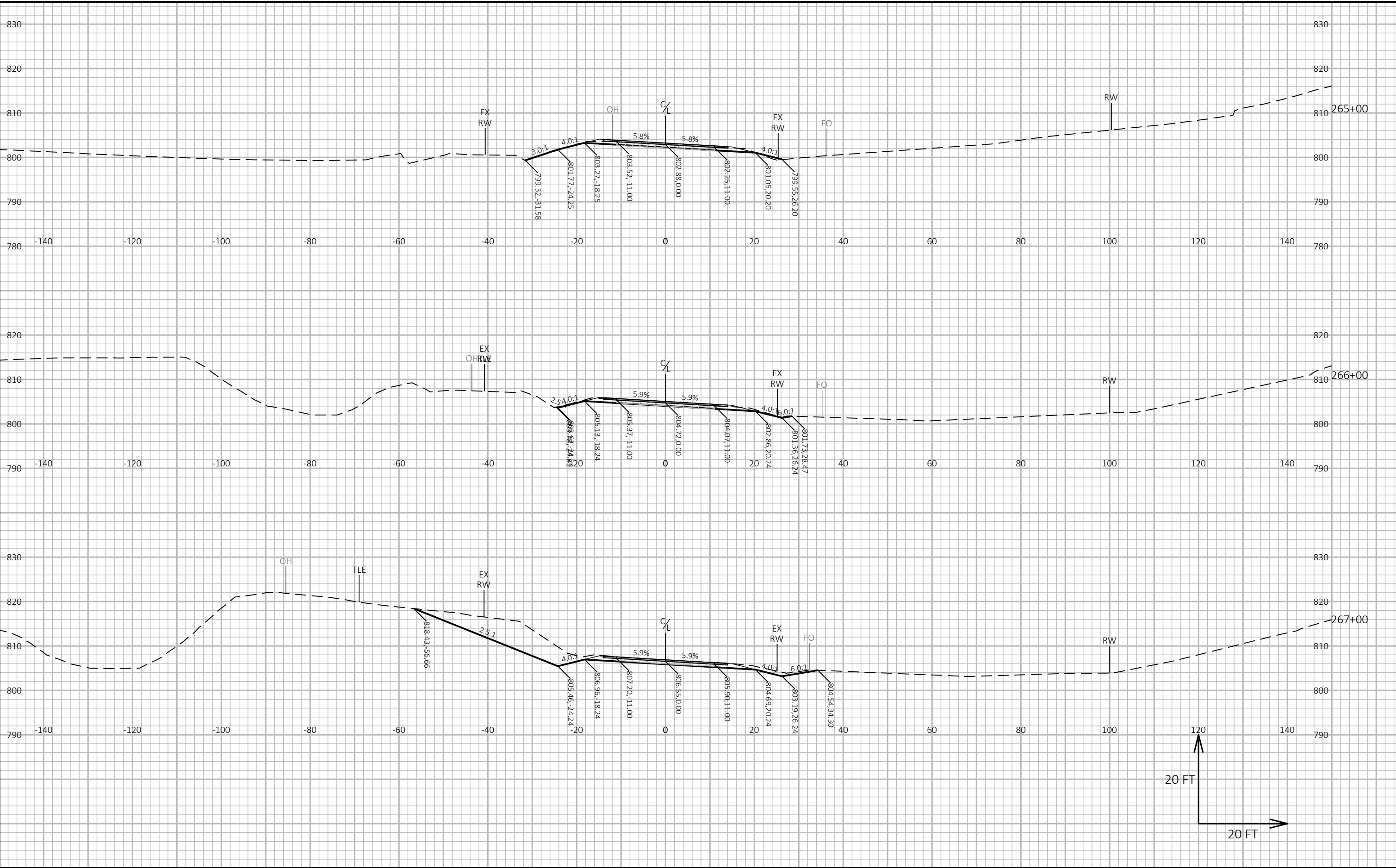


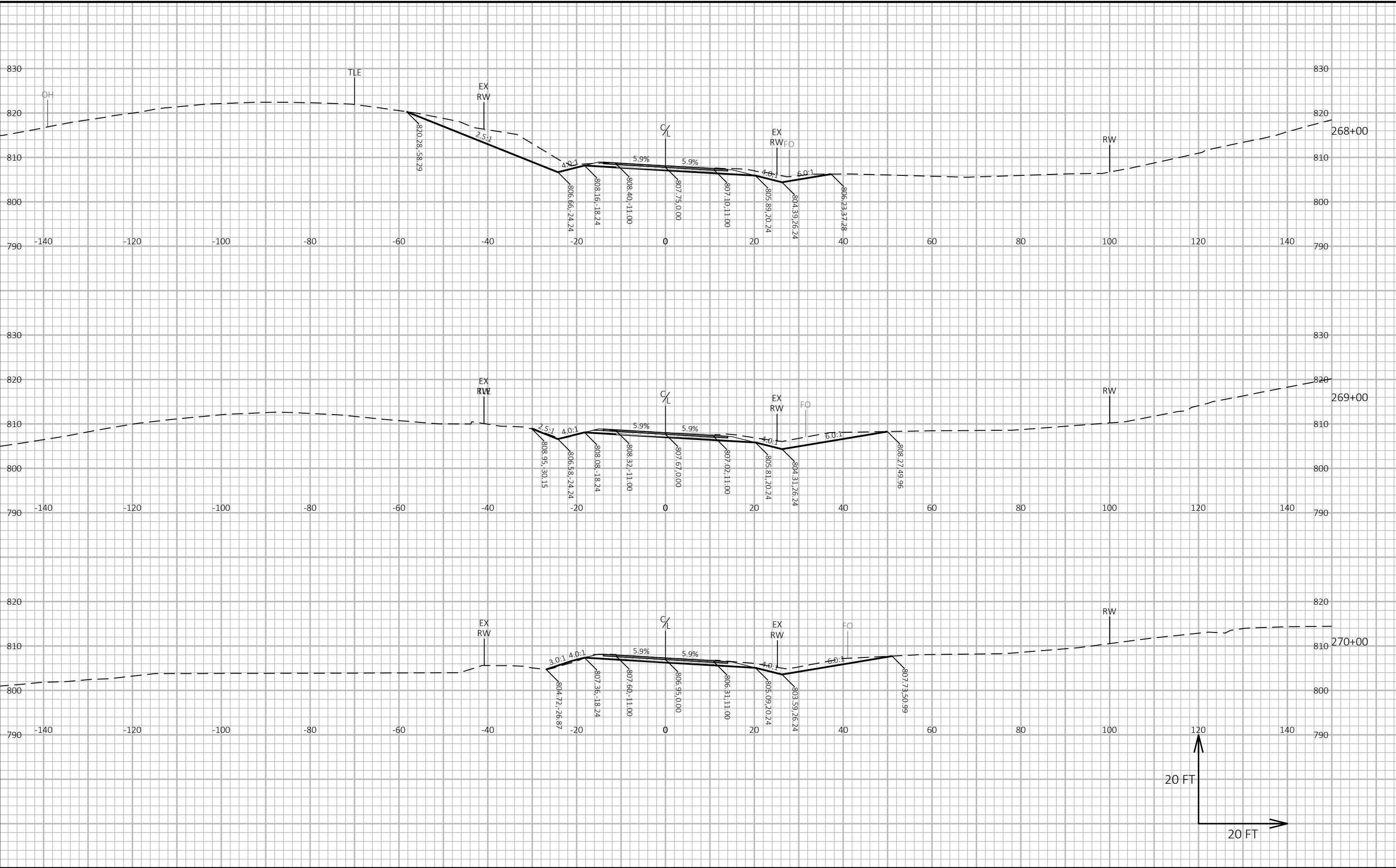
9

9



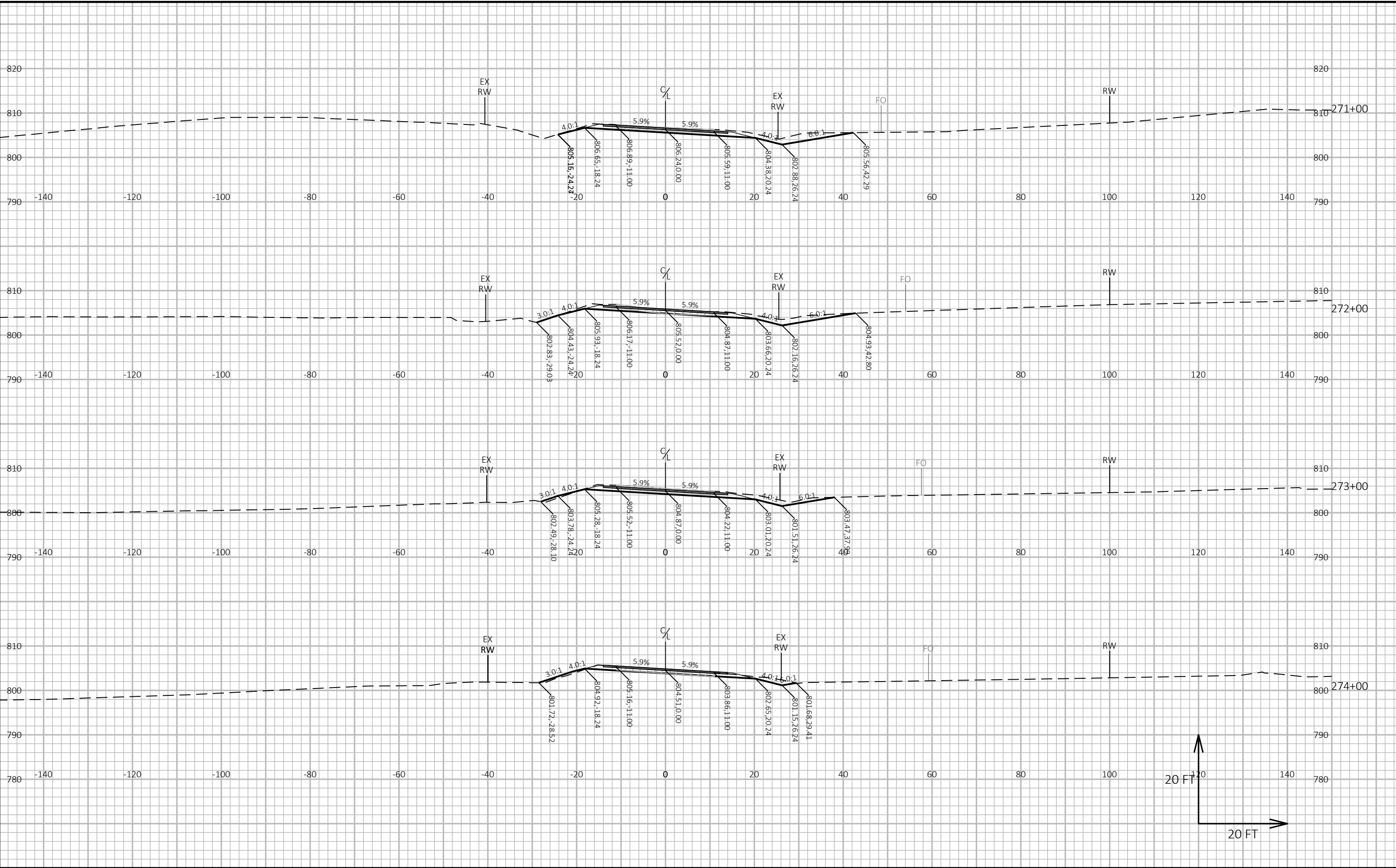


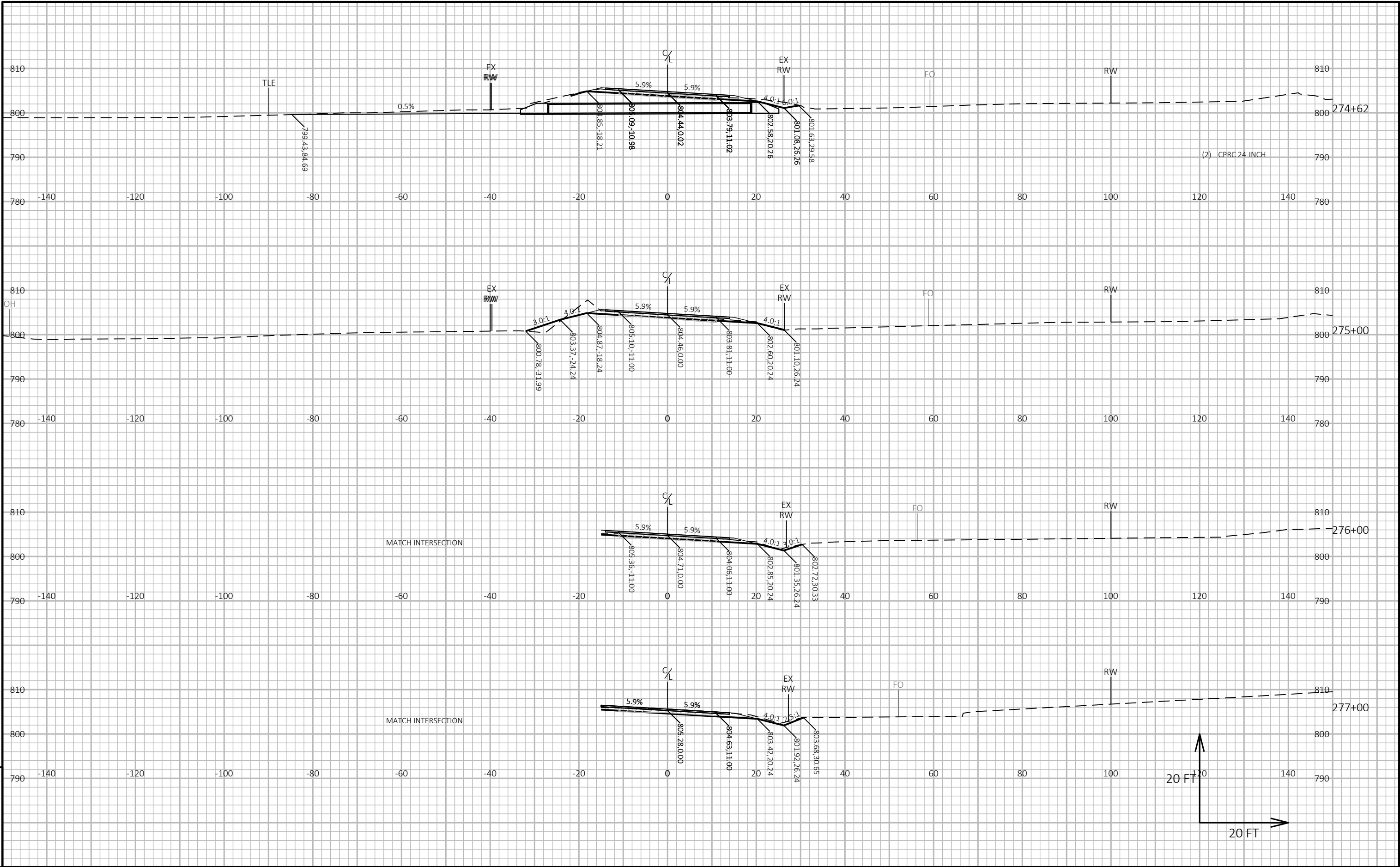


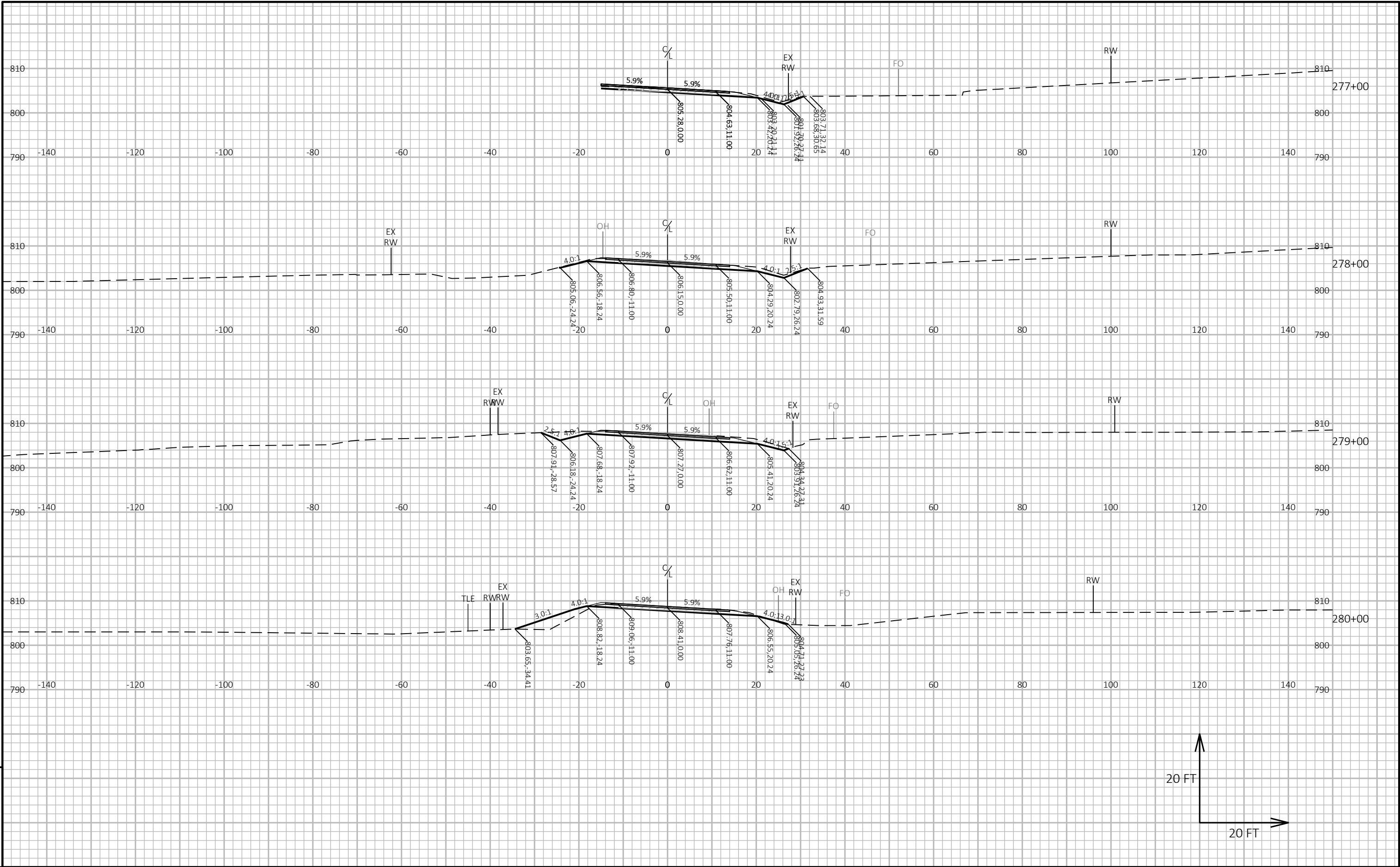


9

9



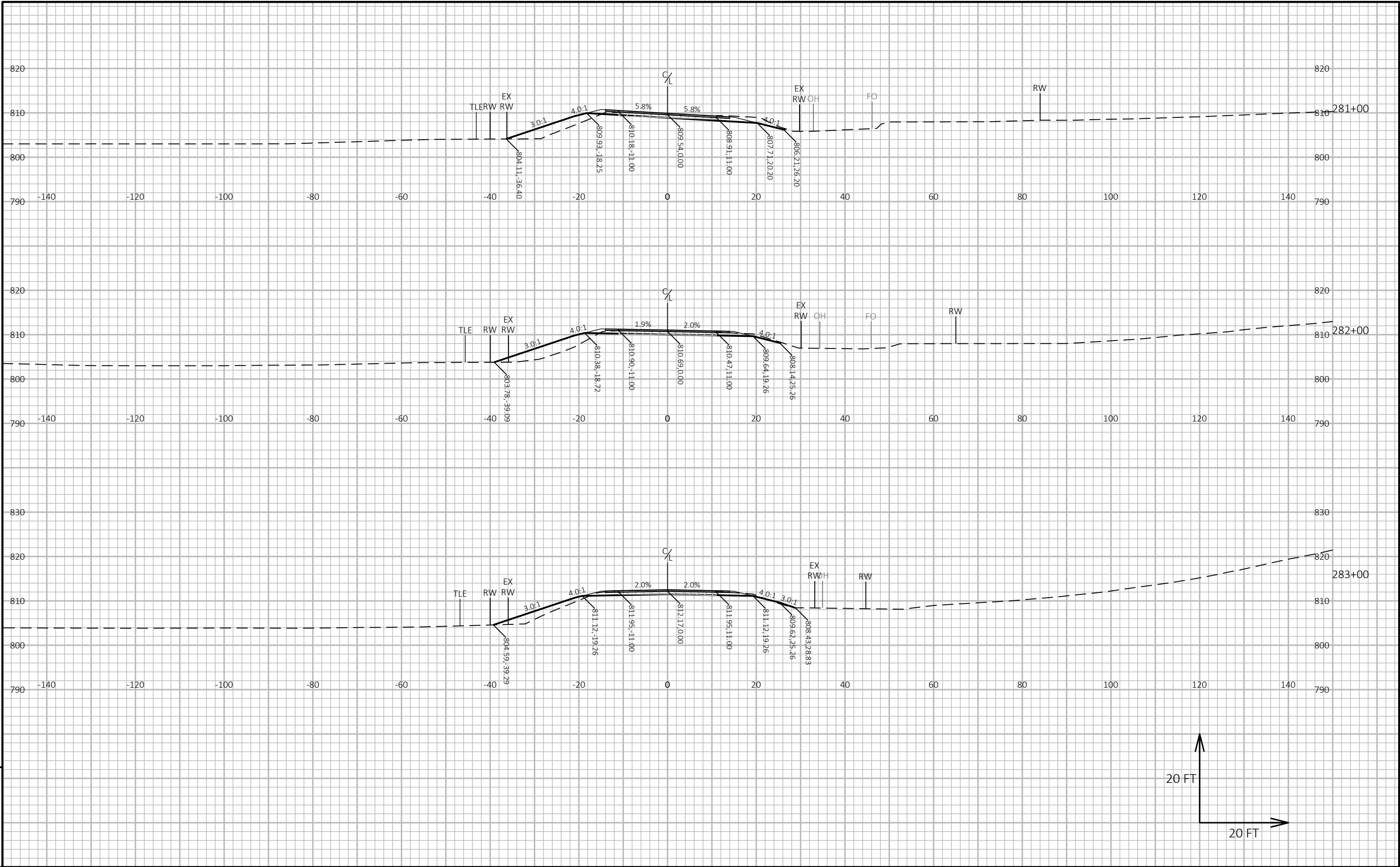


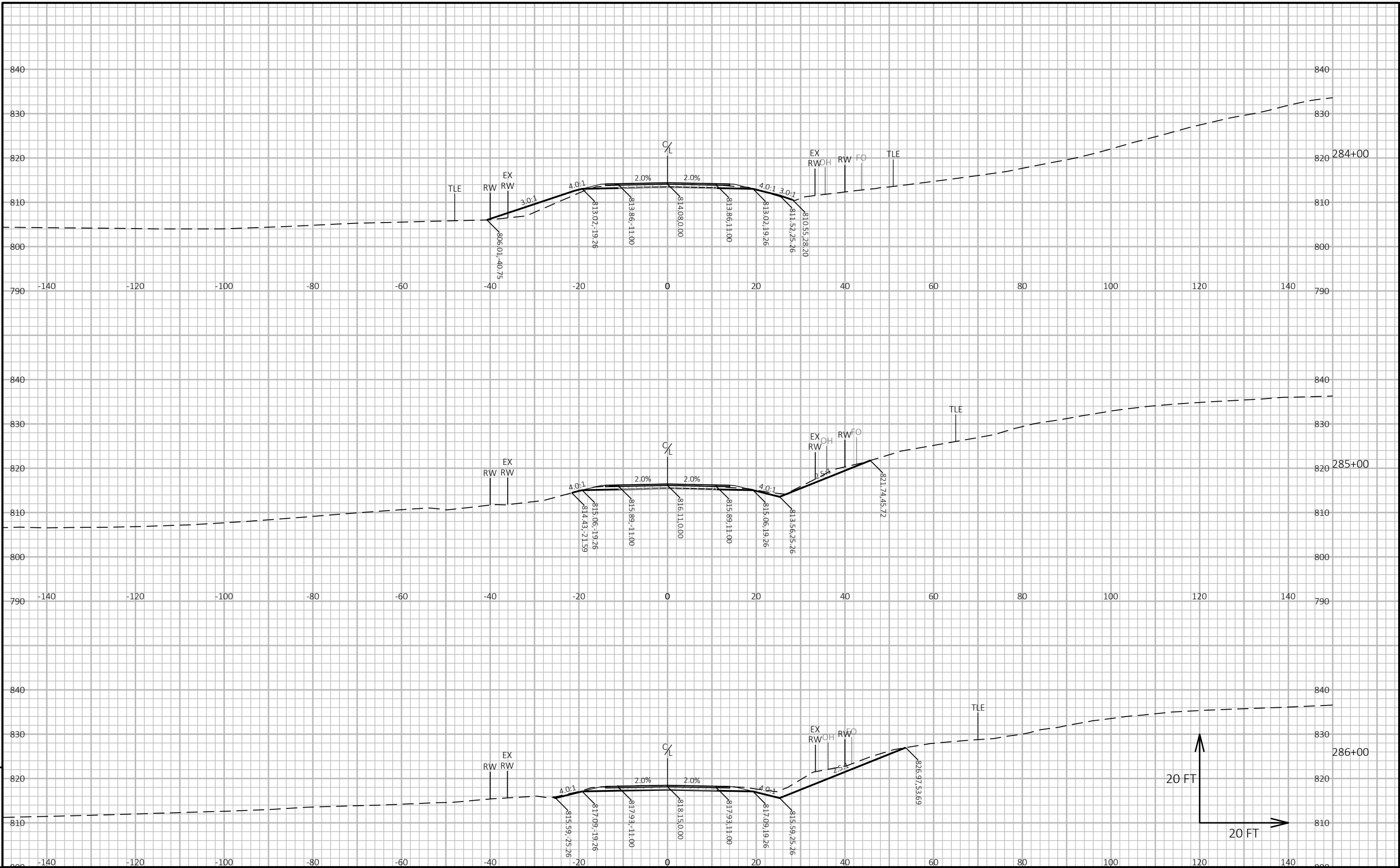


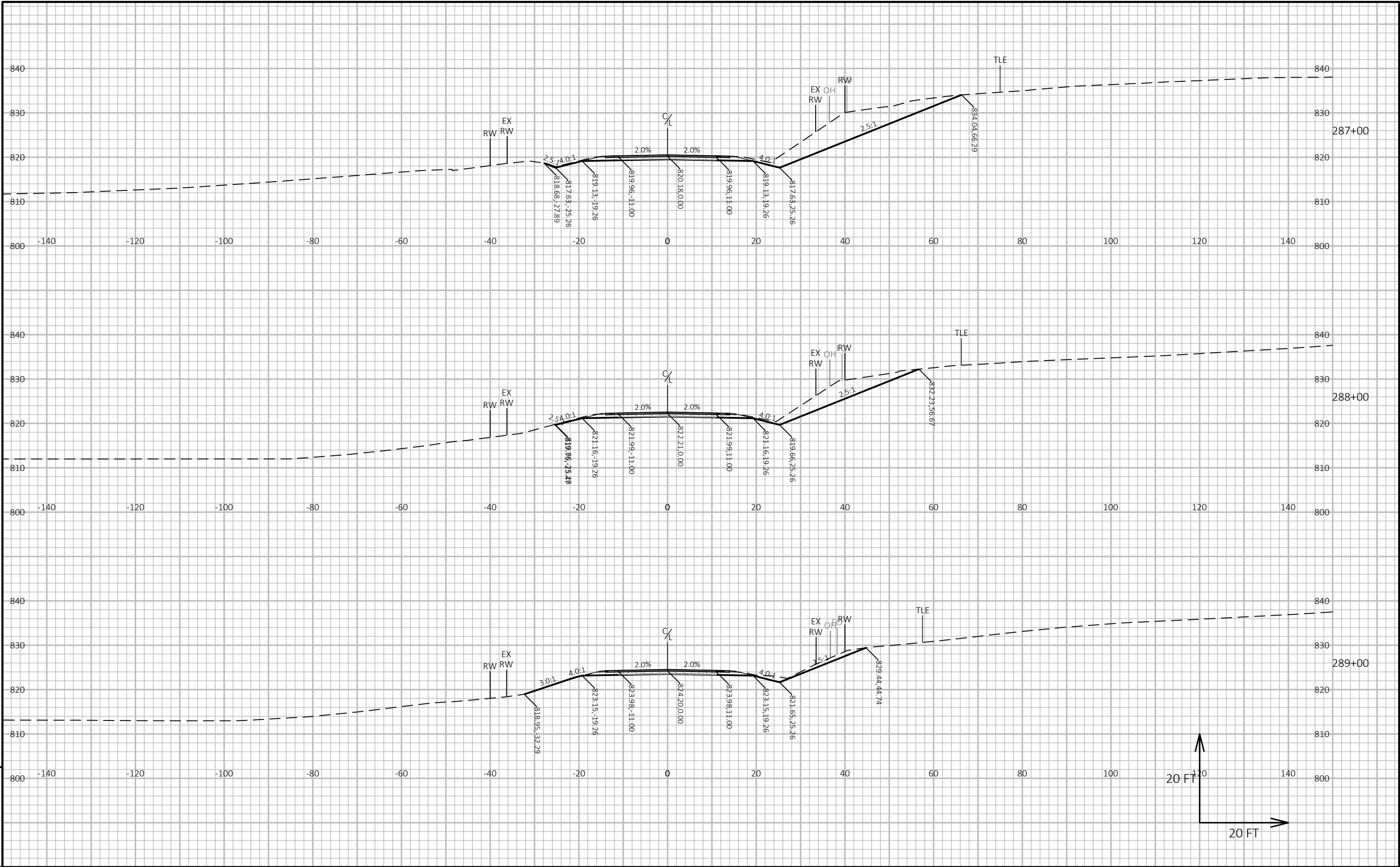
9

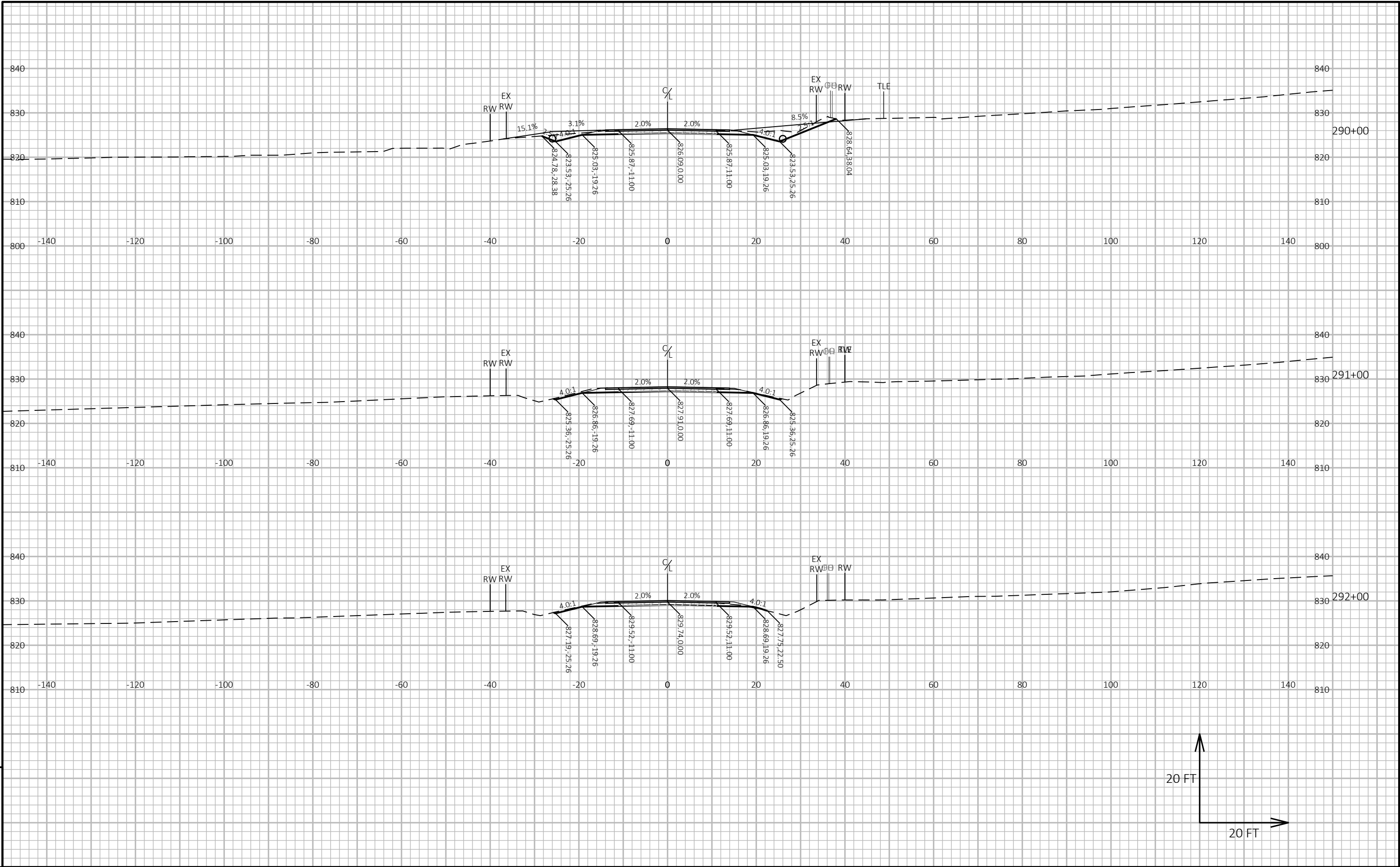
9

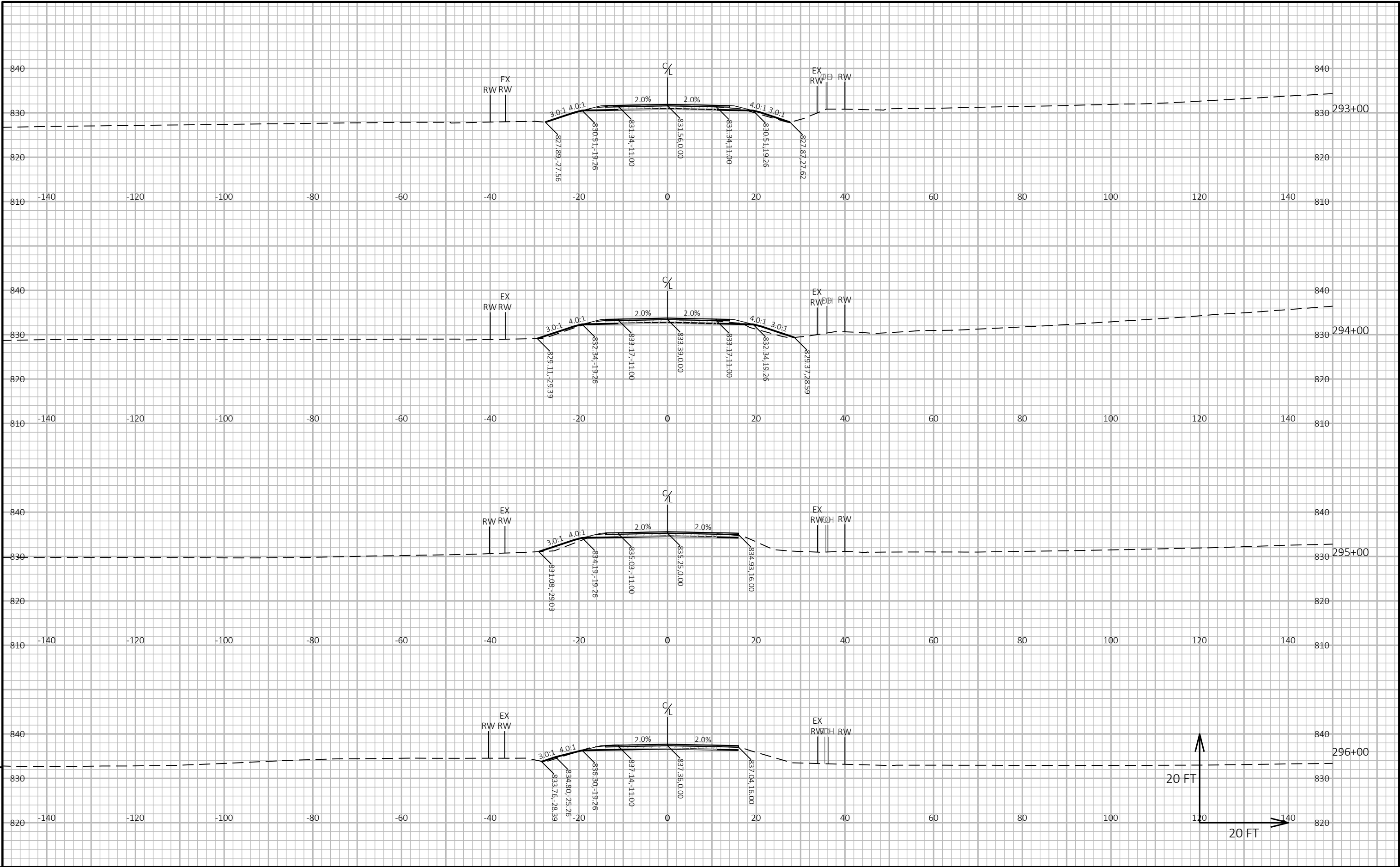
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 293	E
------------------------	------------	-------------------	-----------------------	-----------	---

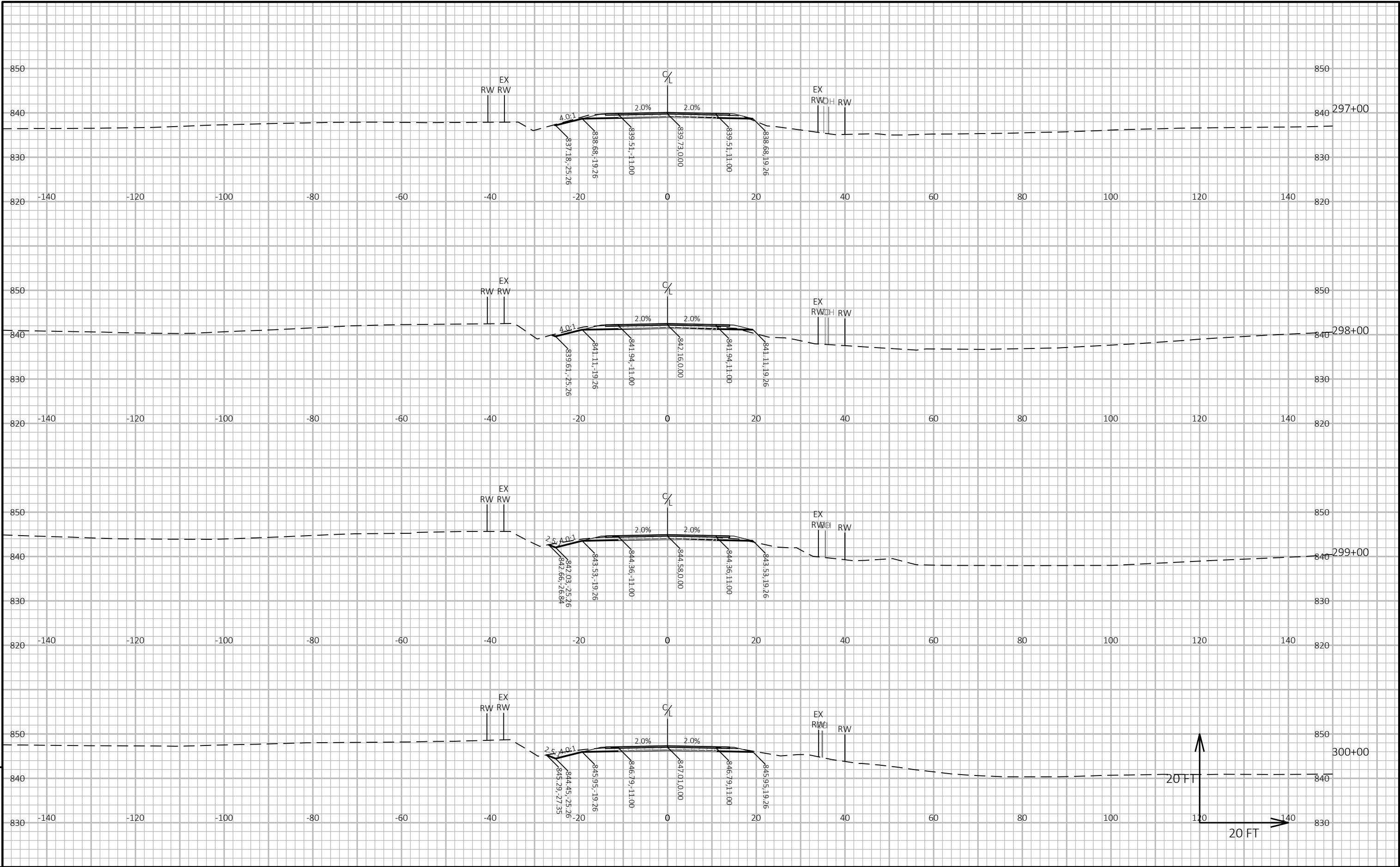


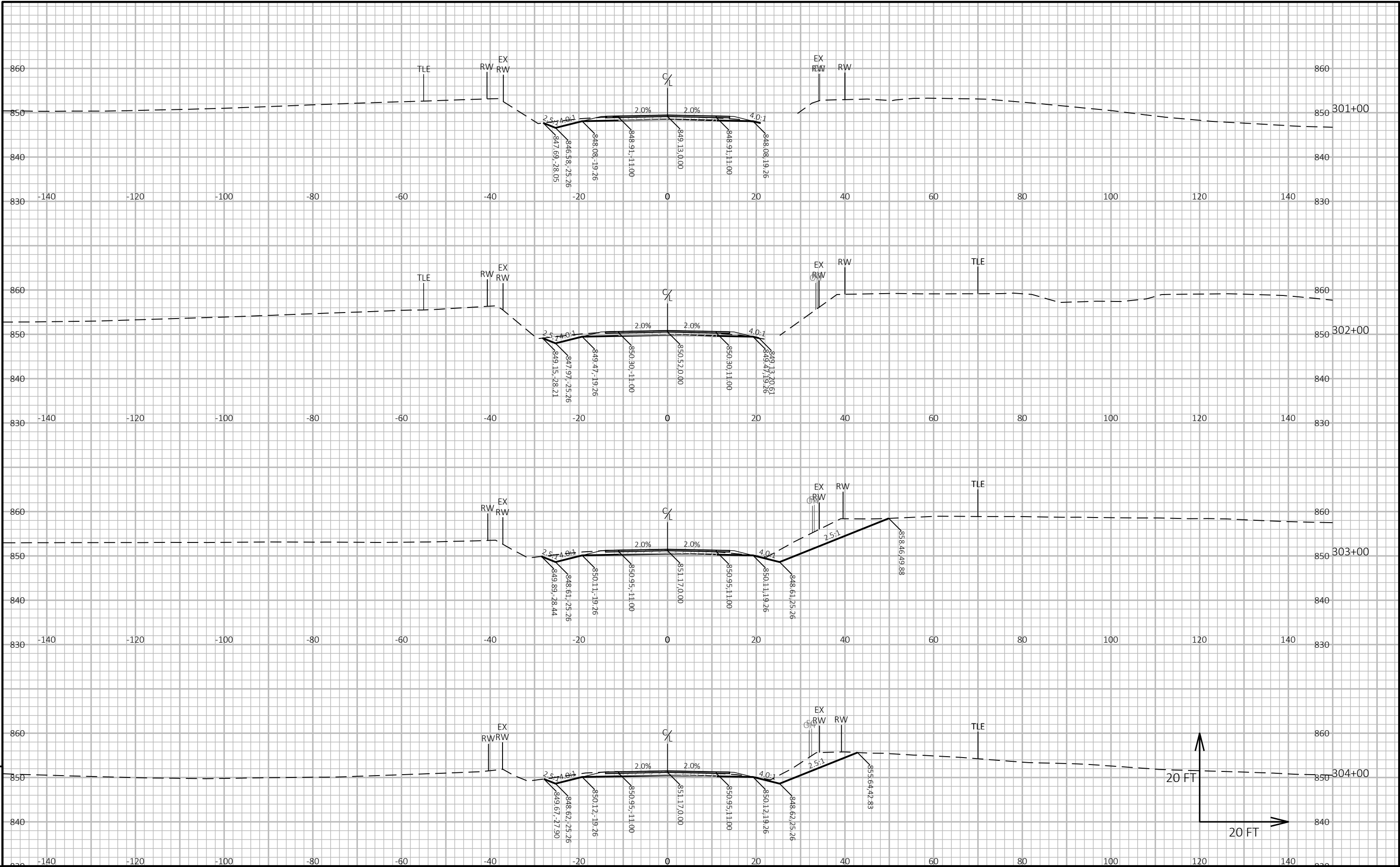


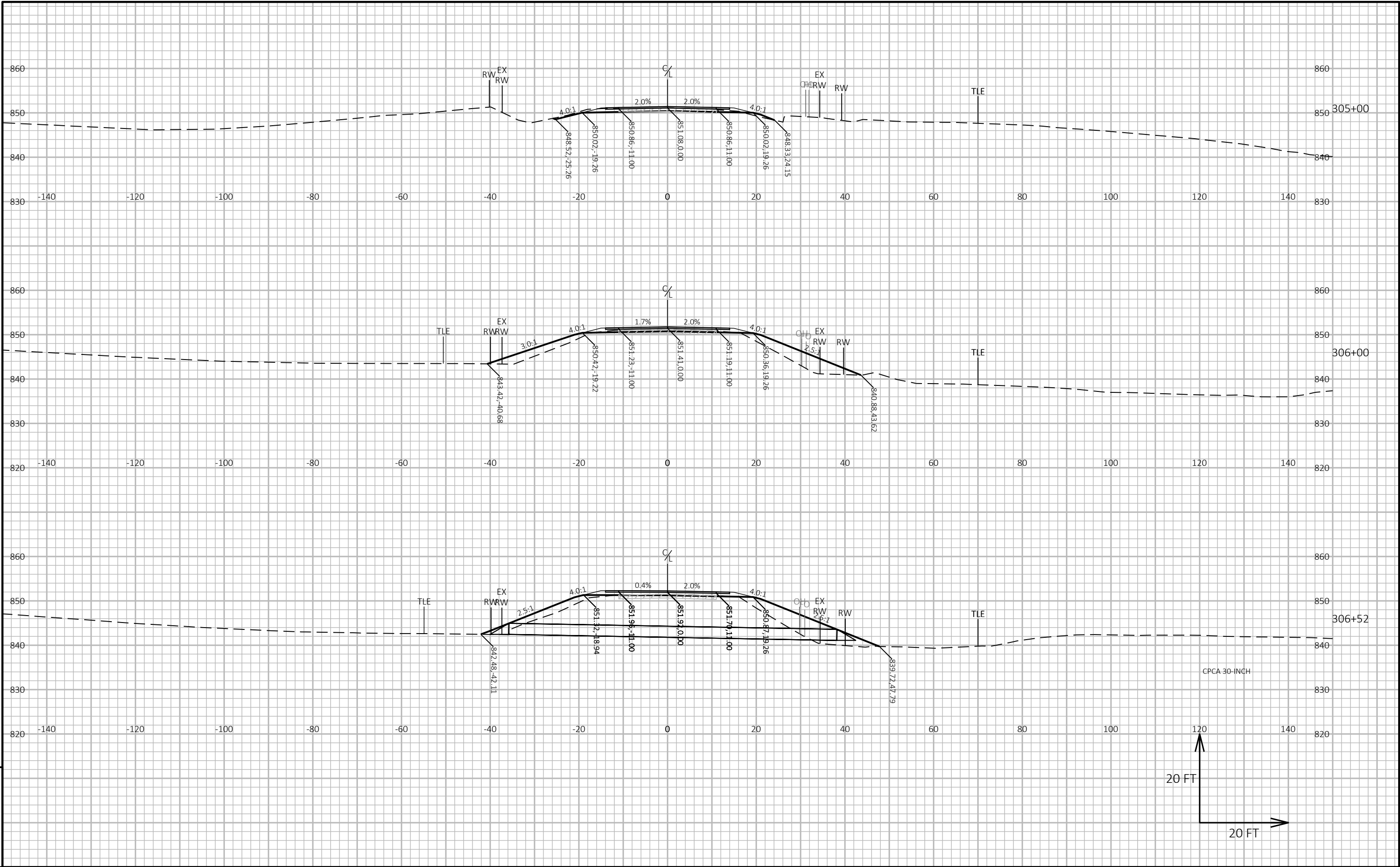


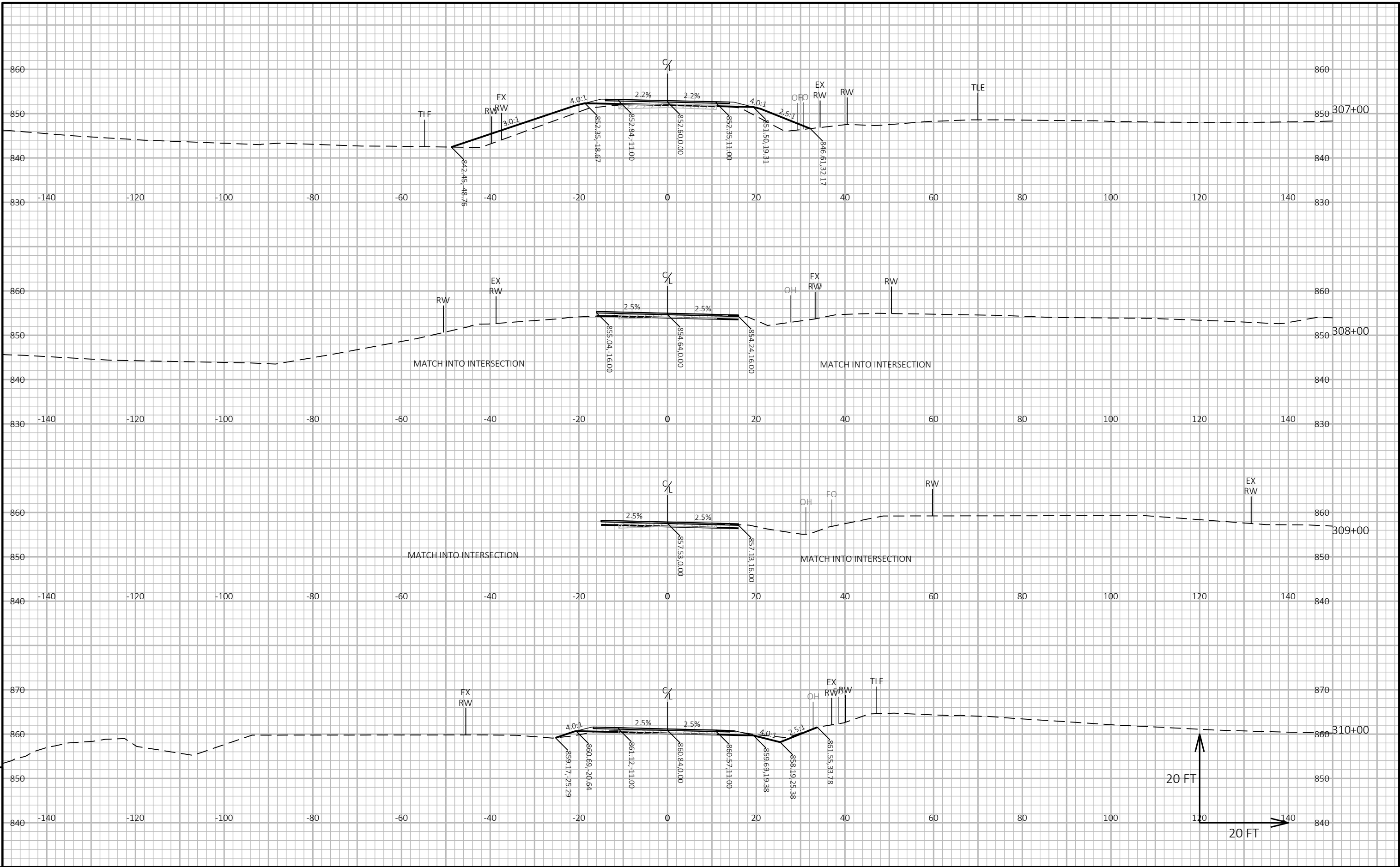


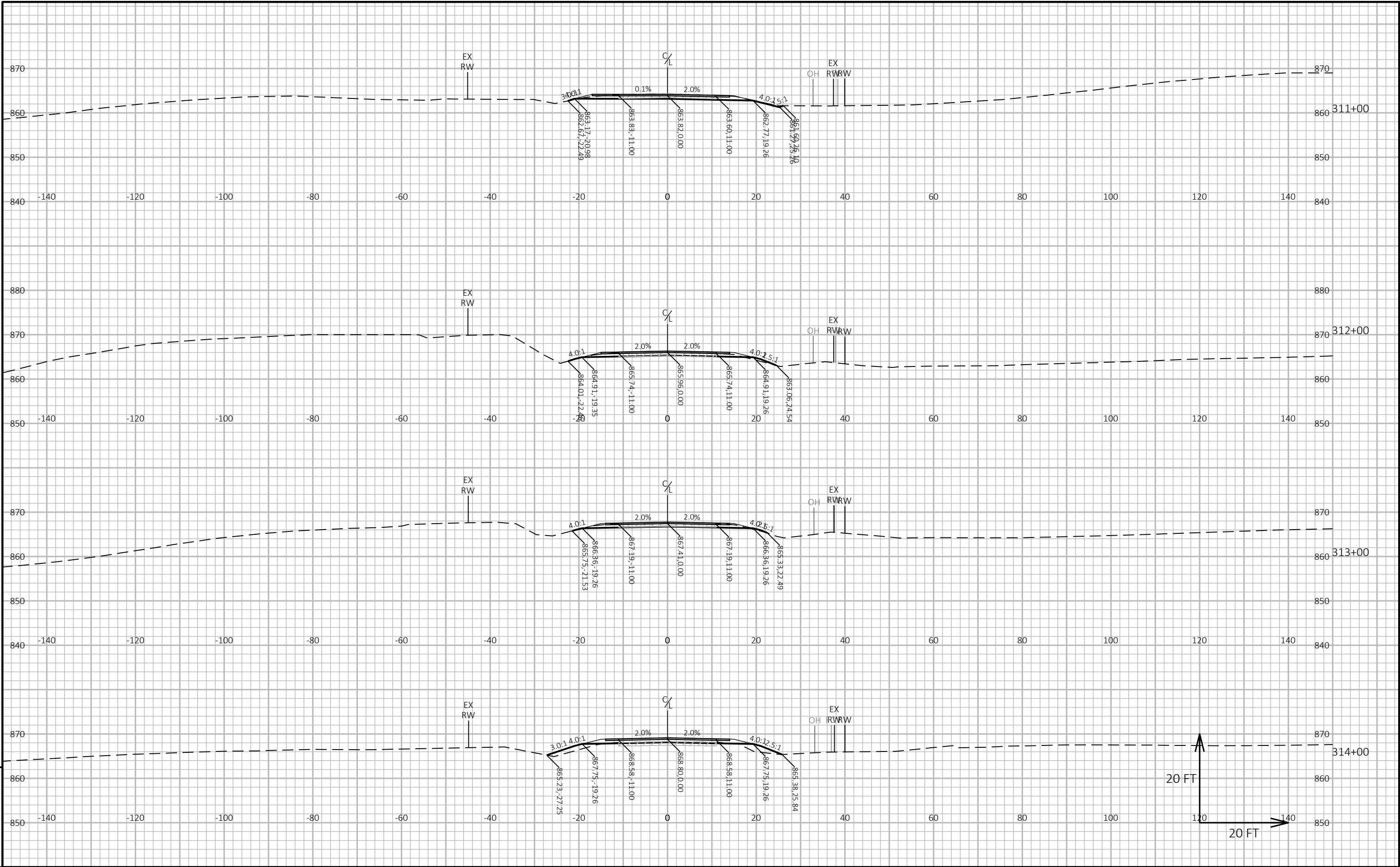


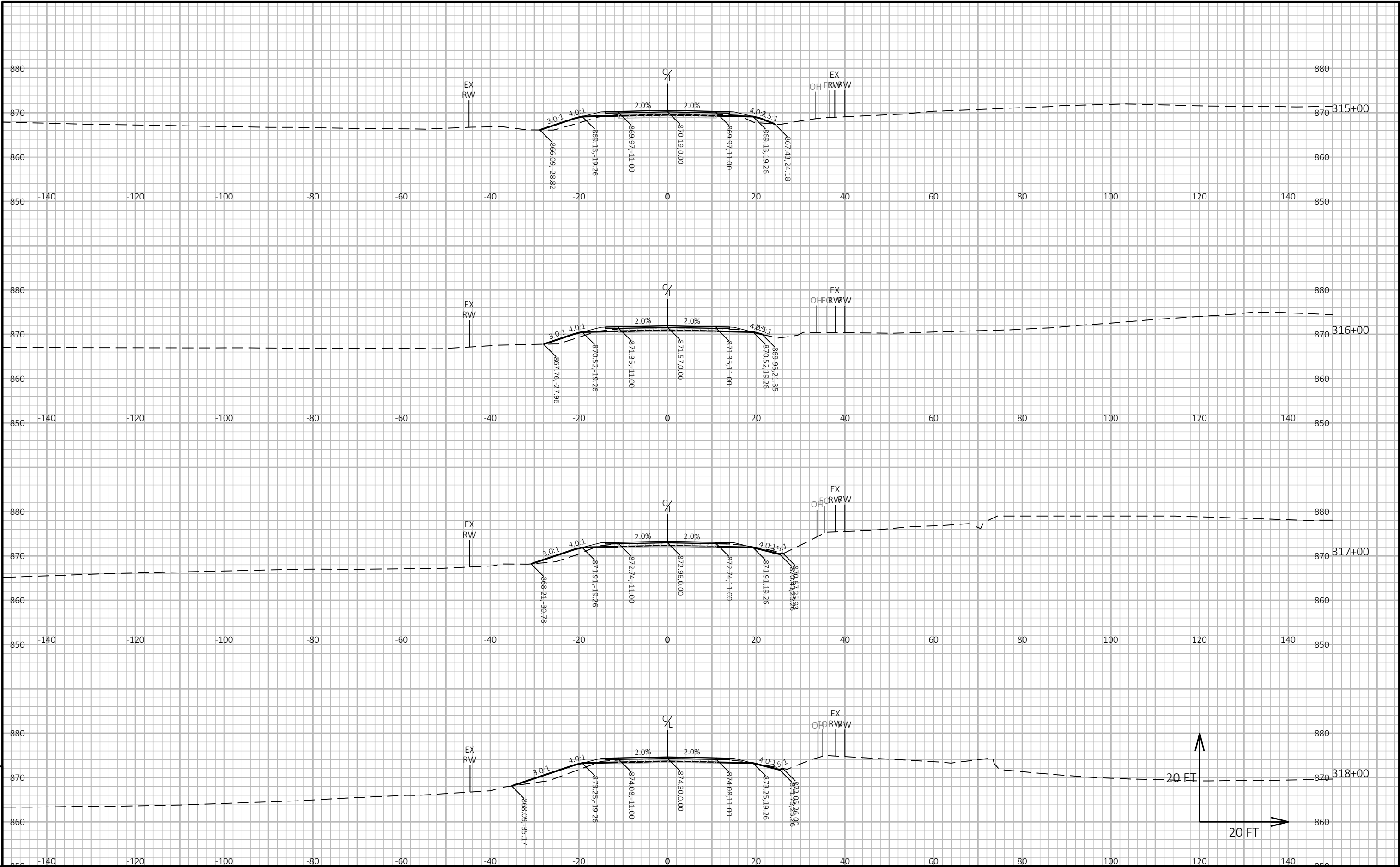


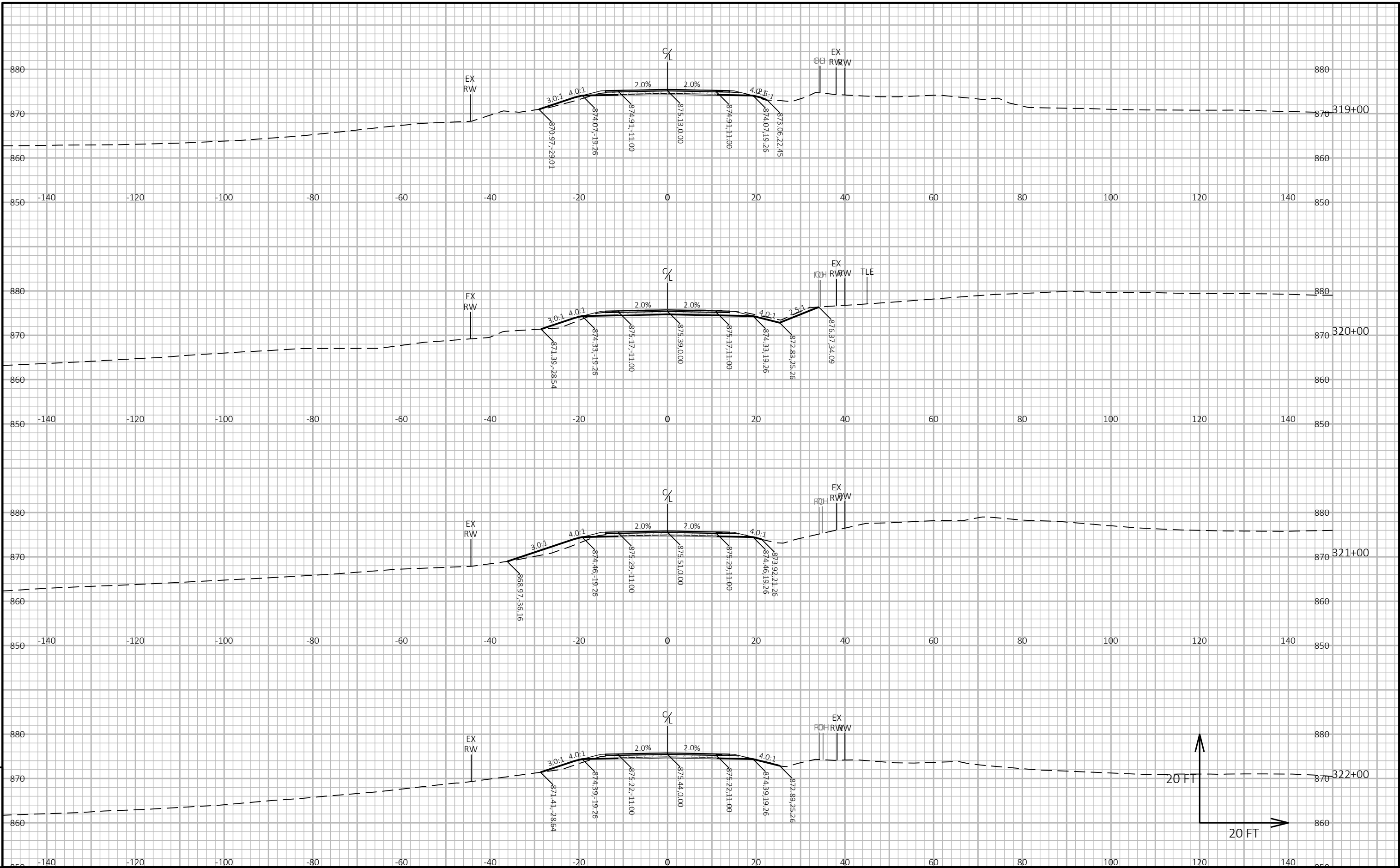


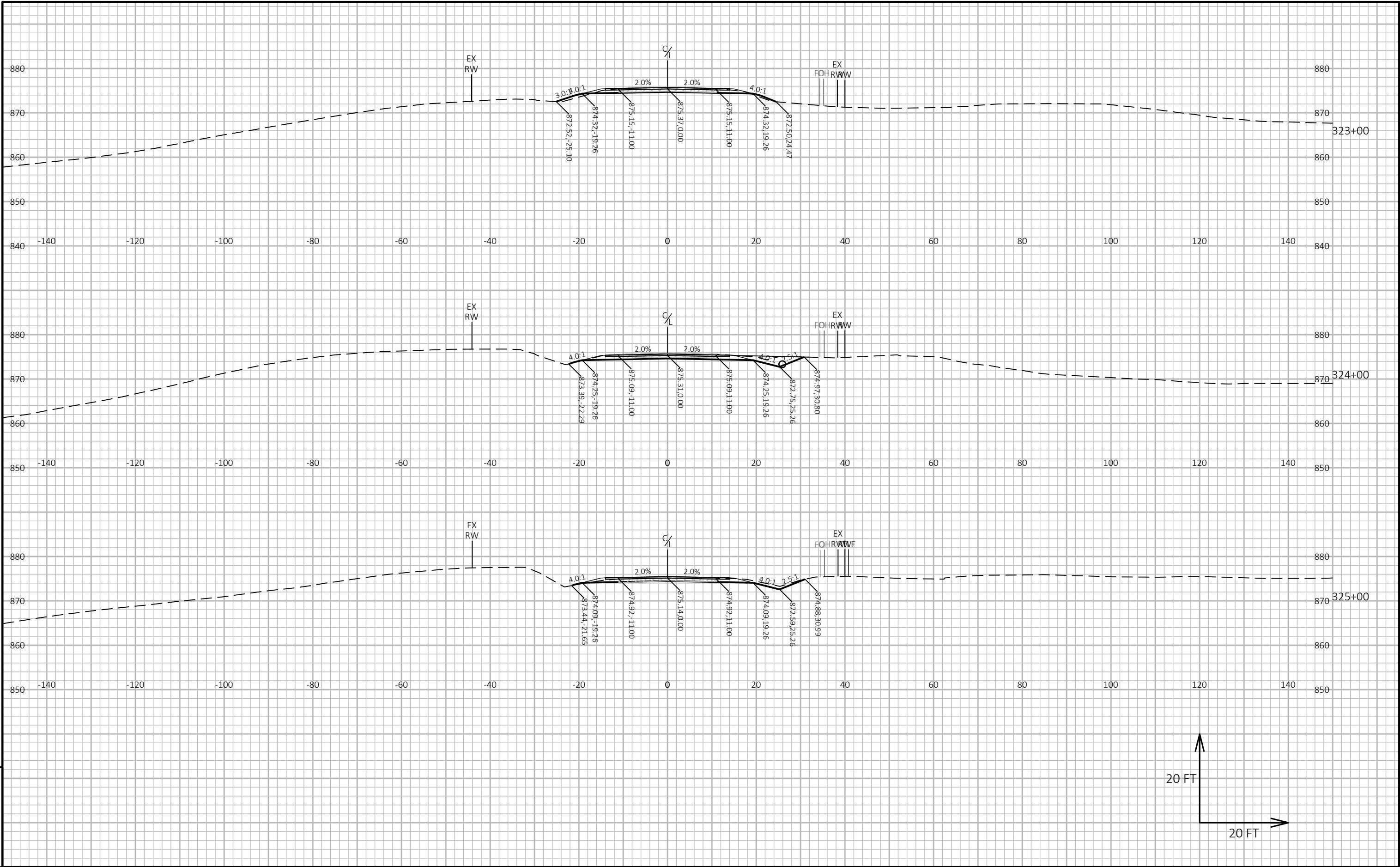


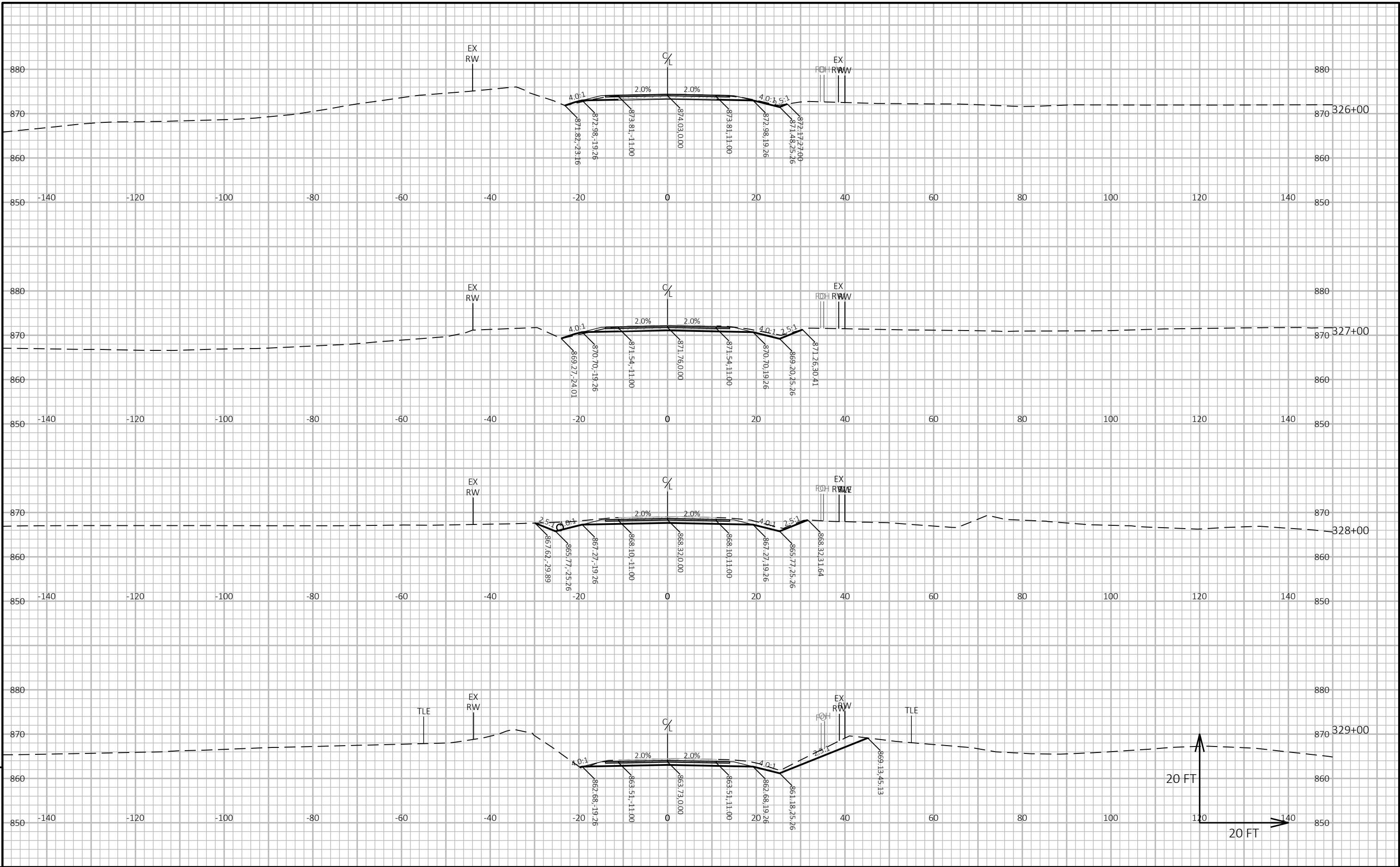


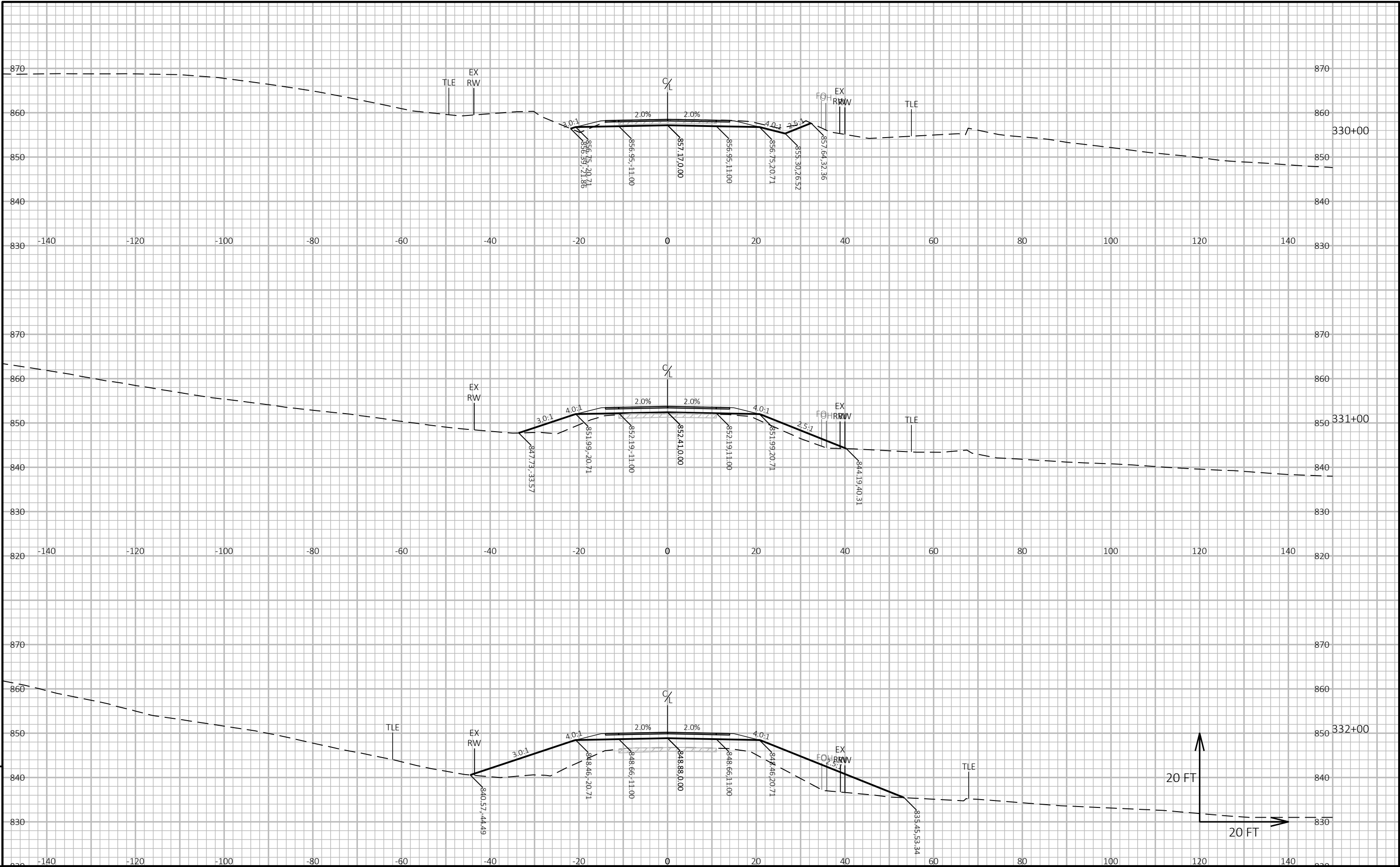




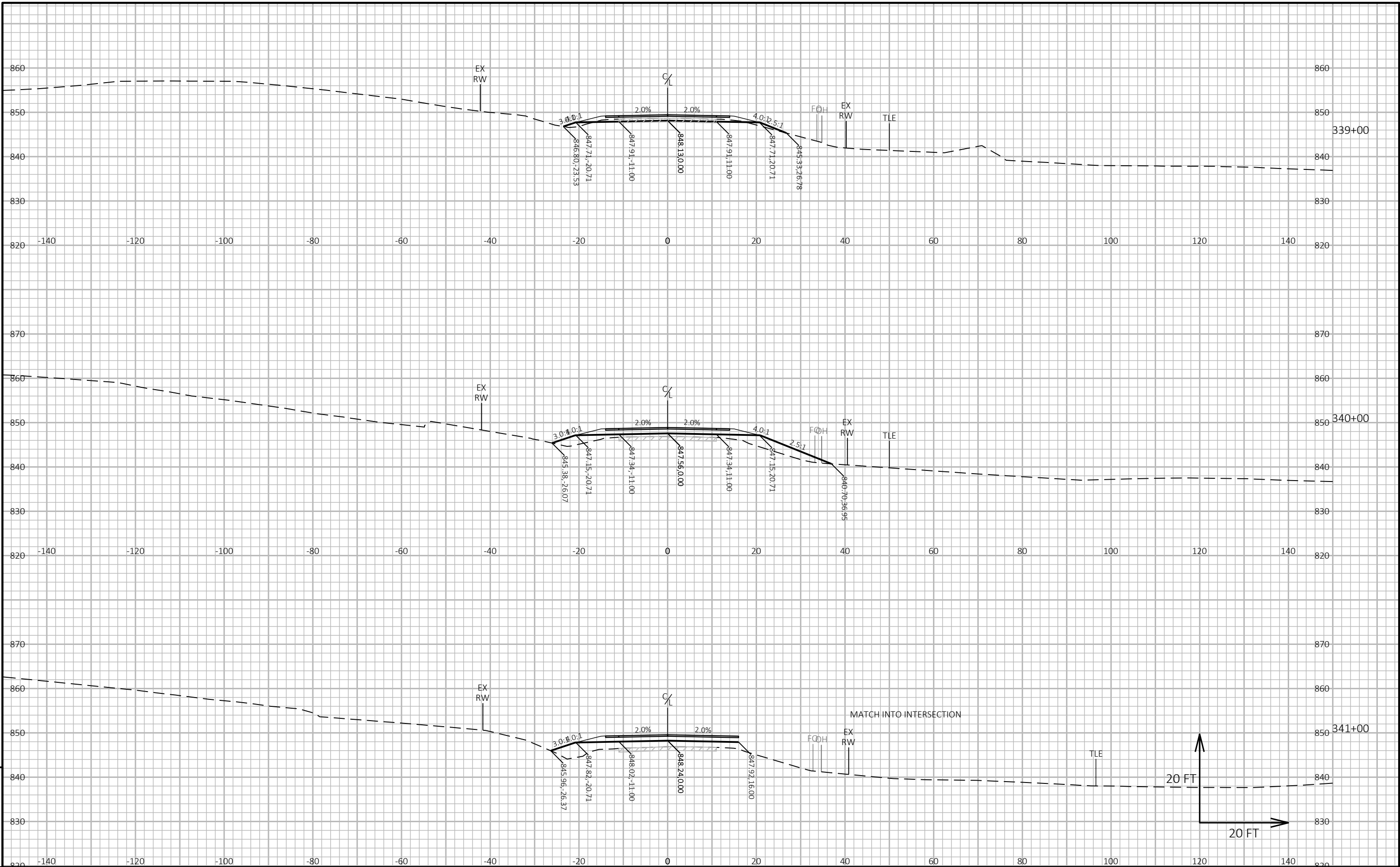


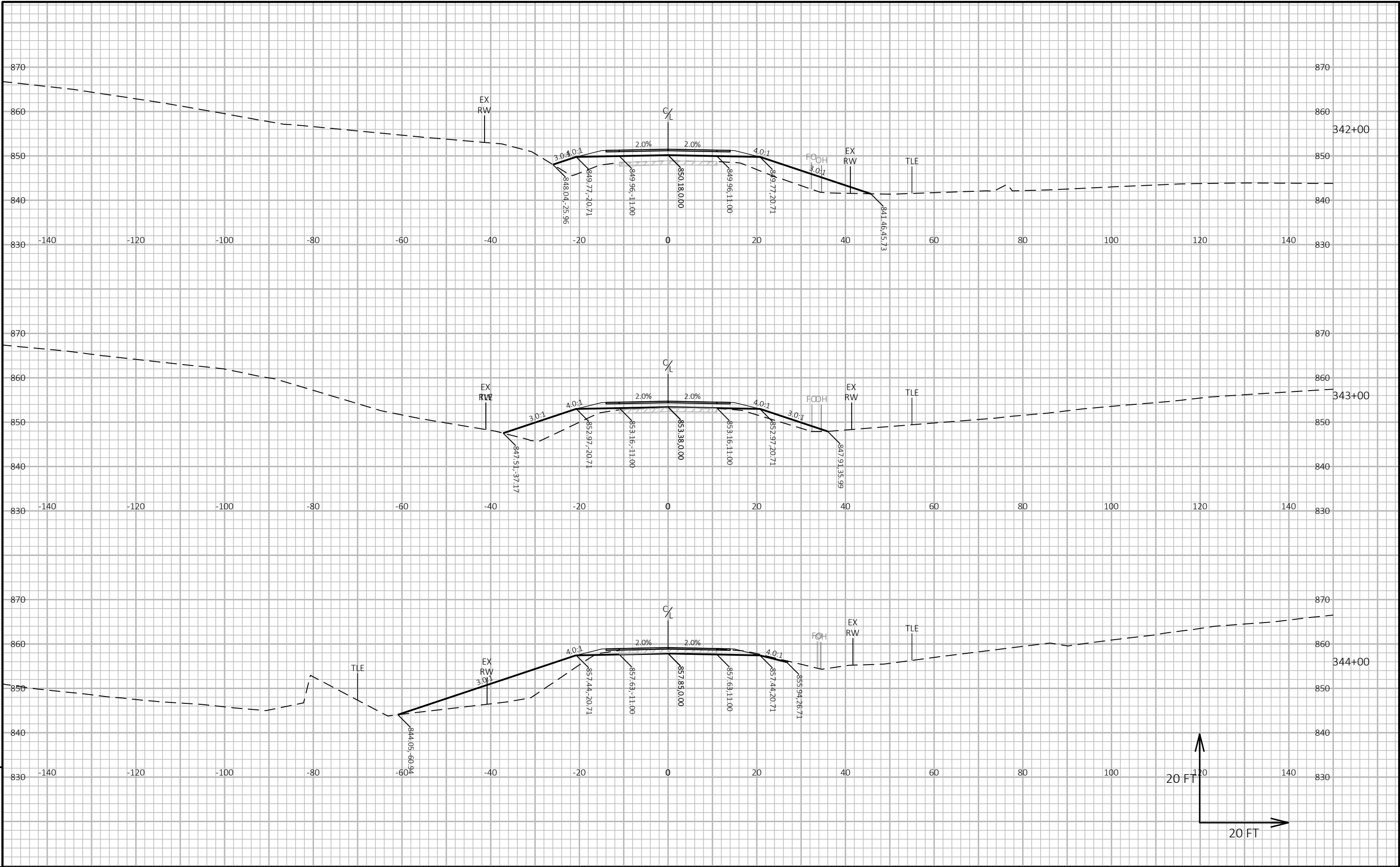




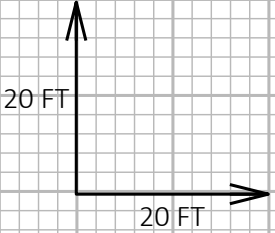
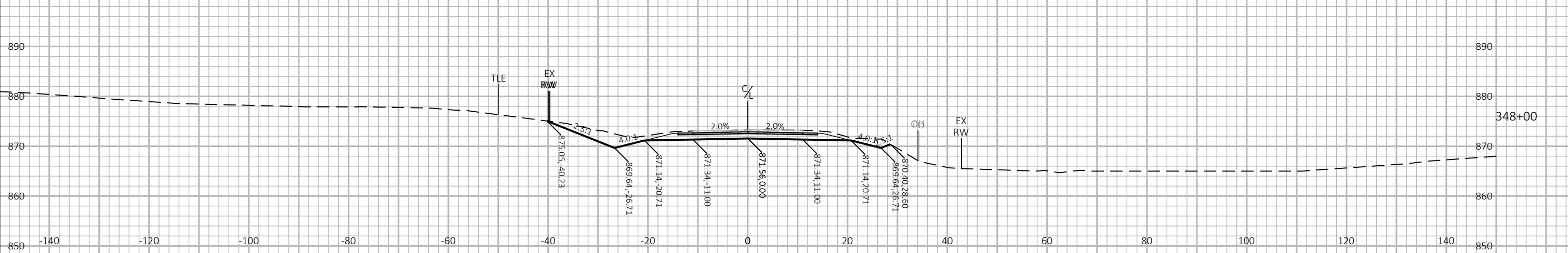
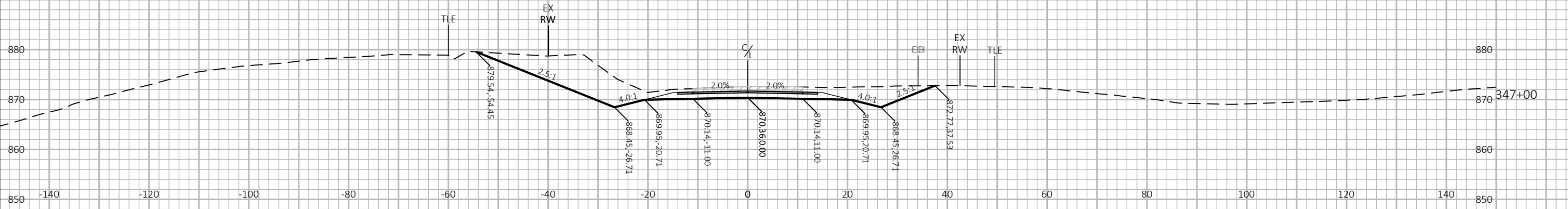
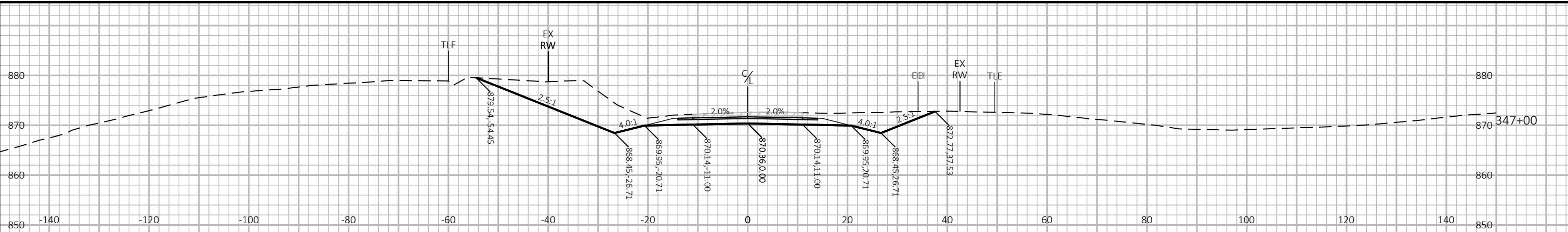


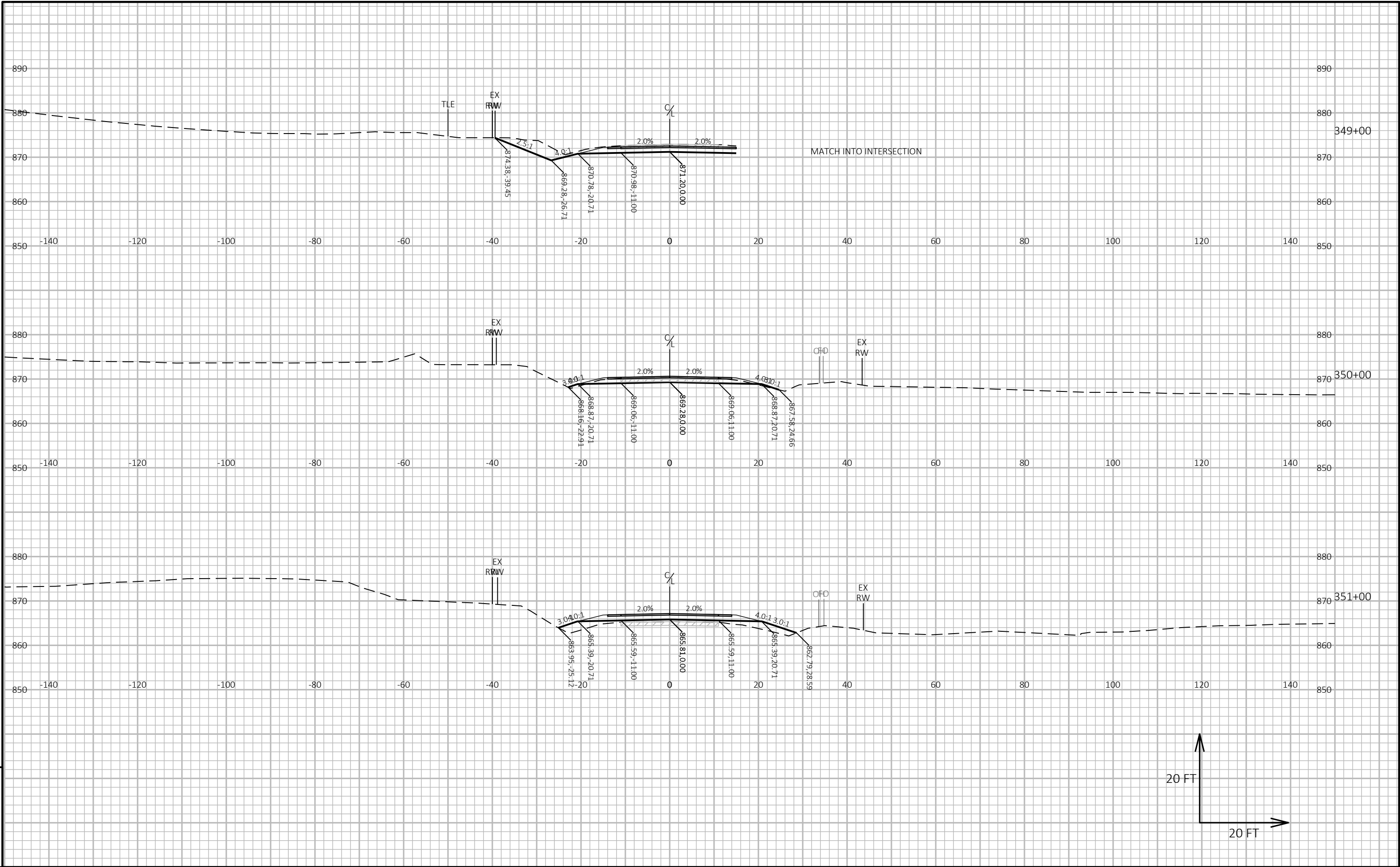


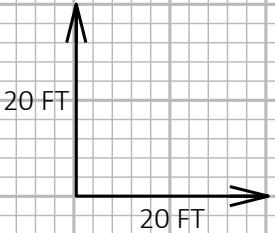
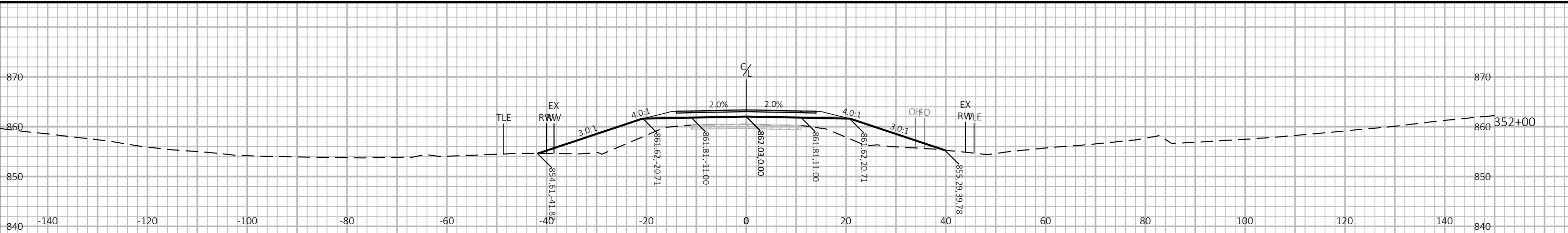








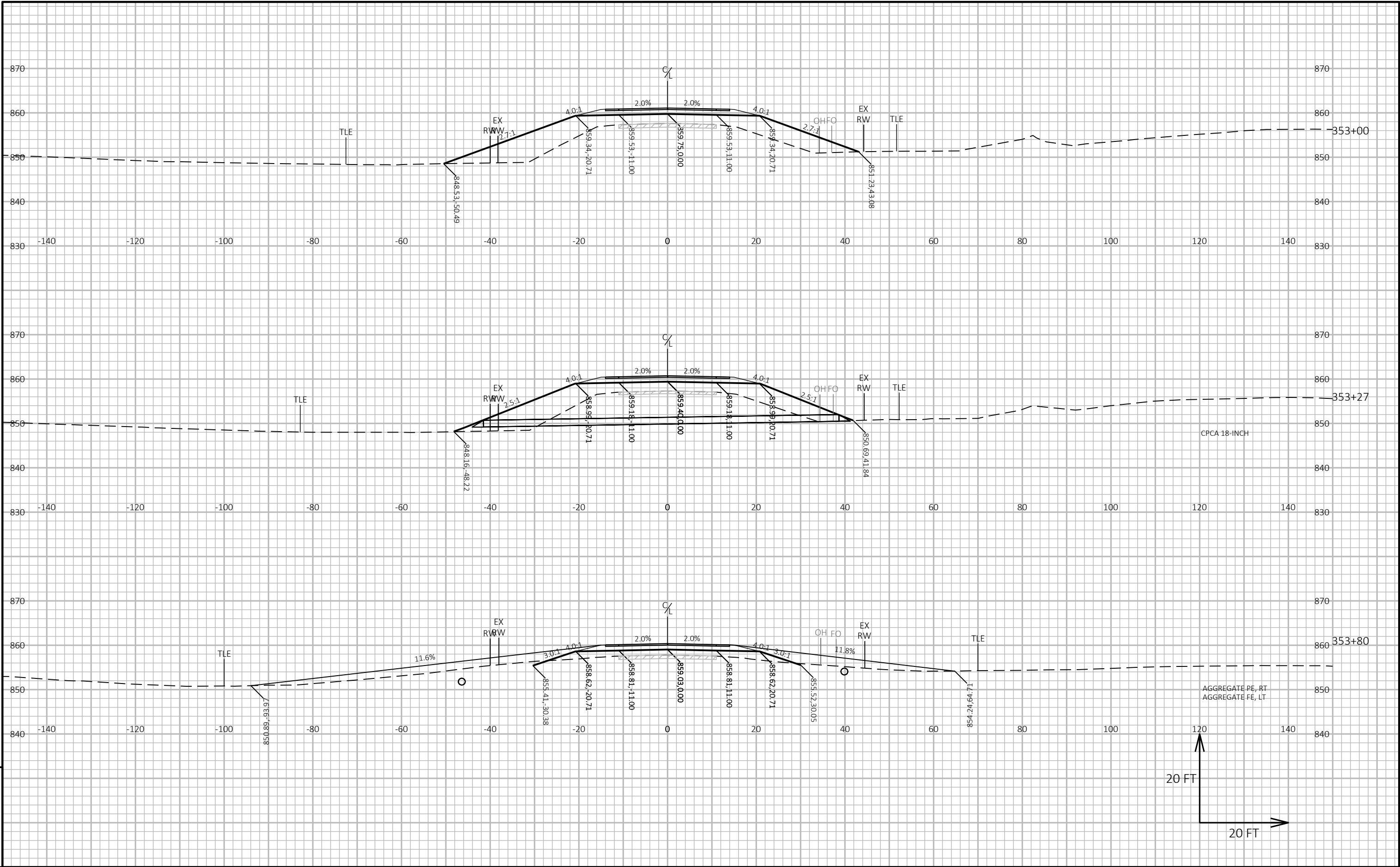


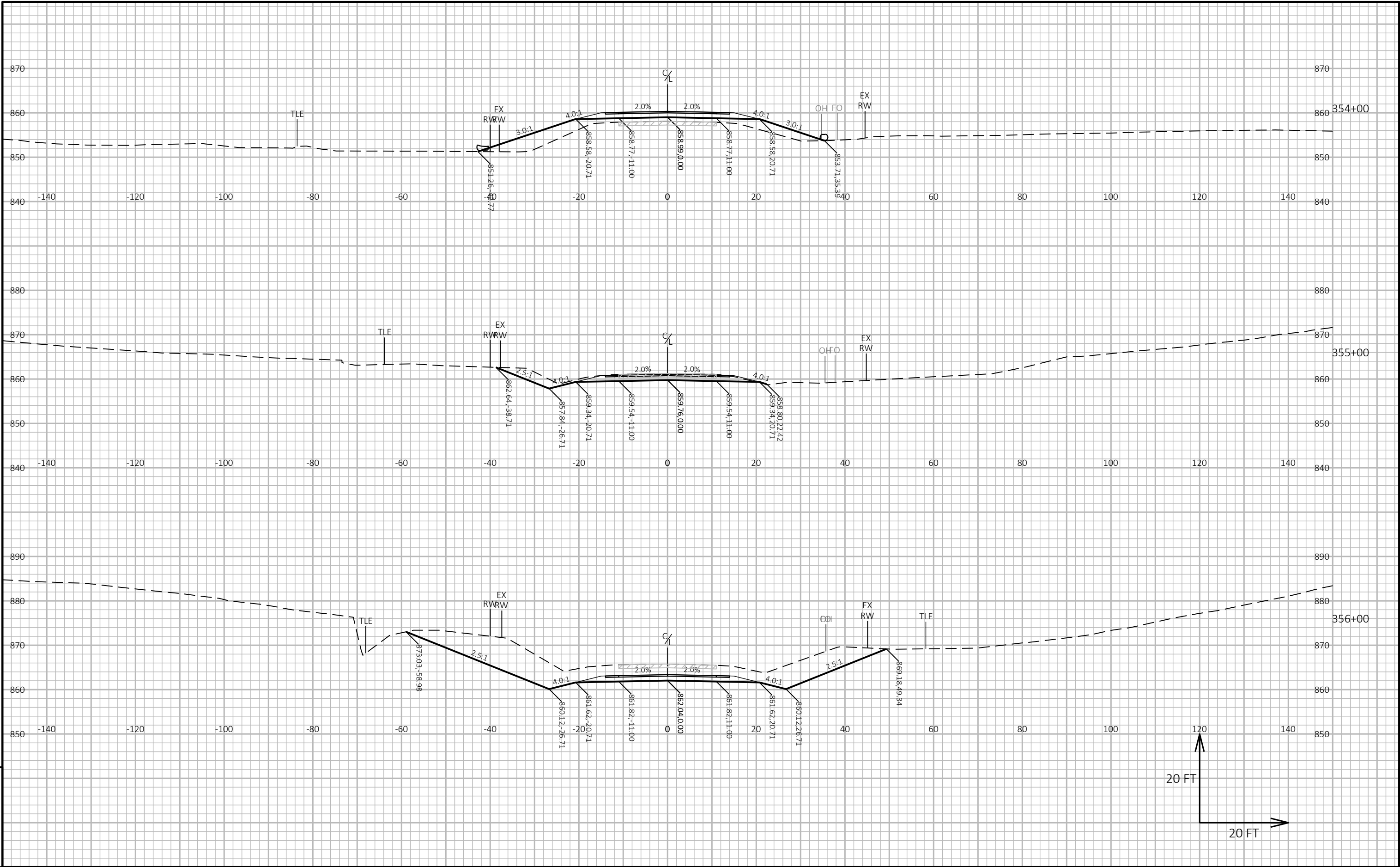


9

9

PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 317	E
------------------------	------------	-------------------	-----------------------	-----------	---

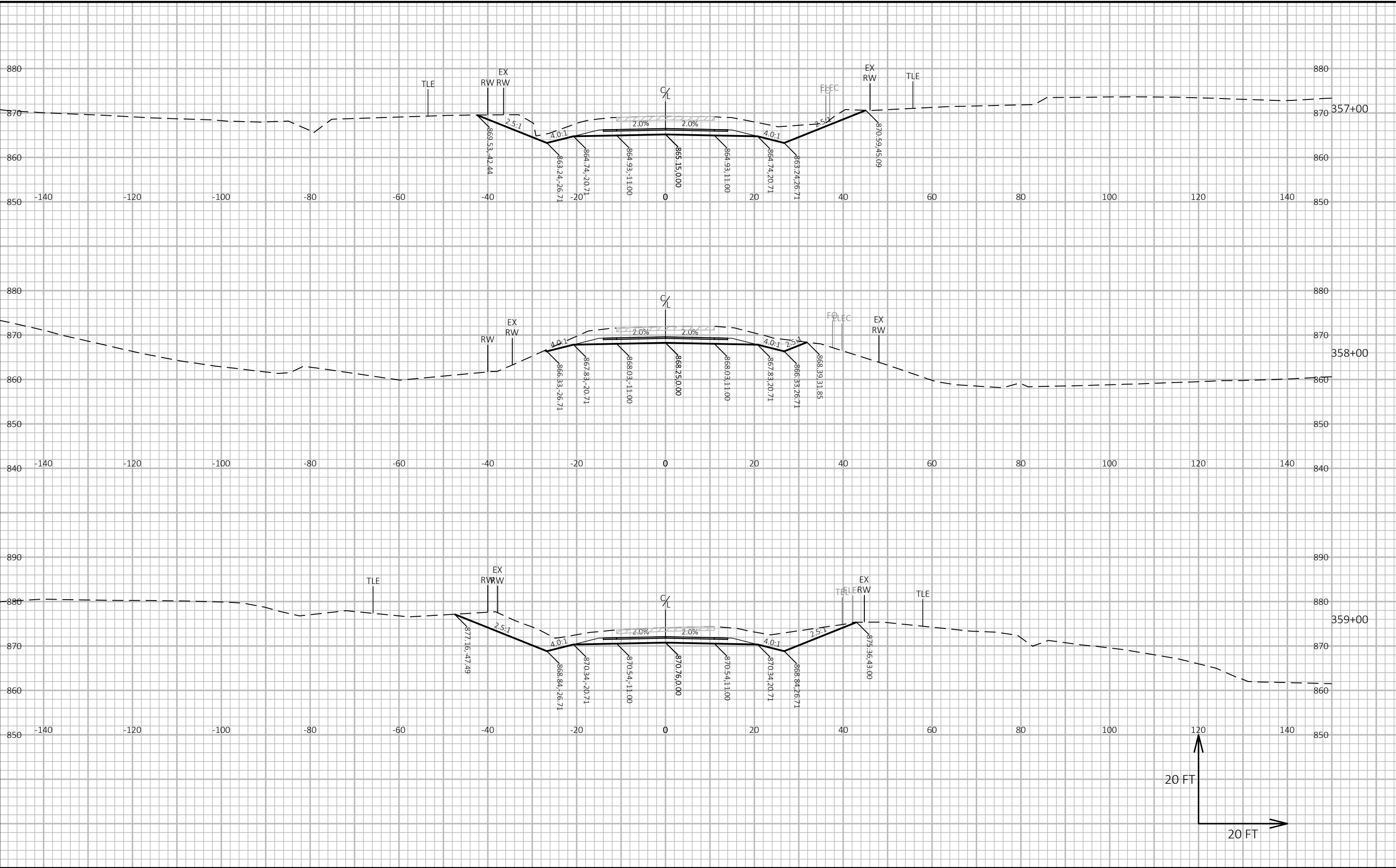




9

9

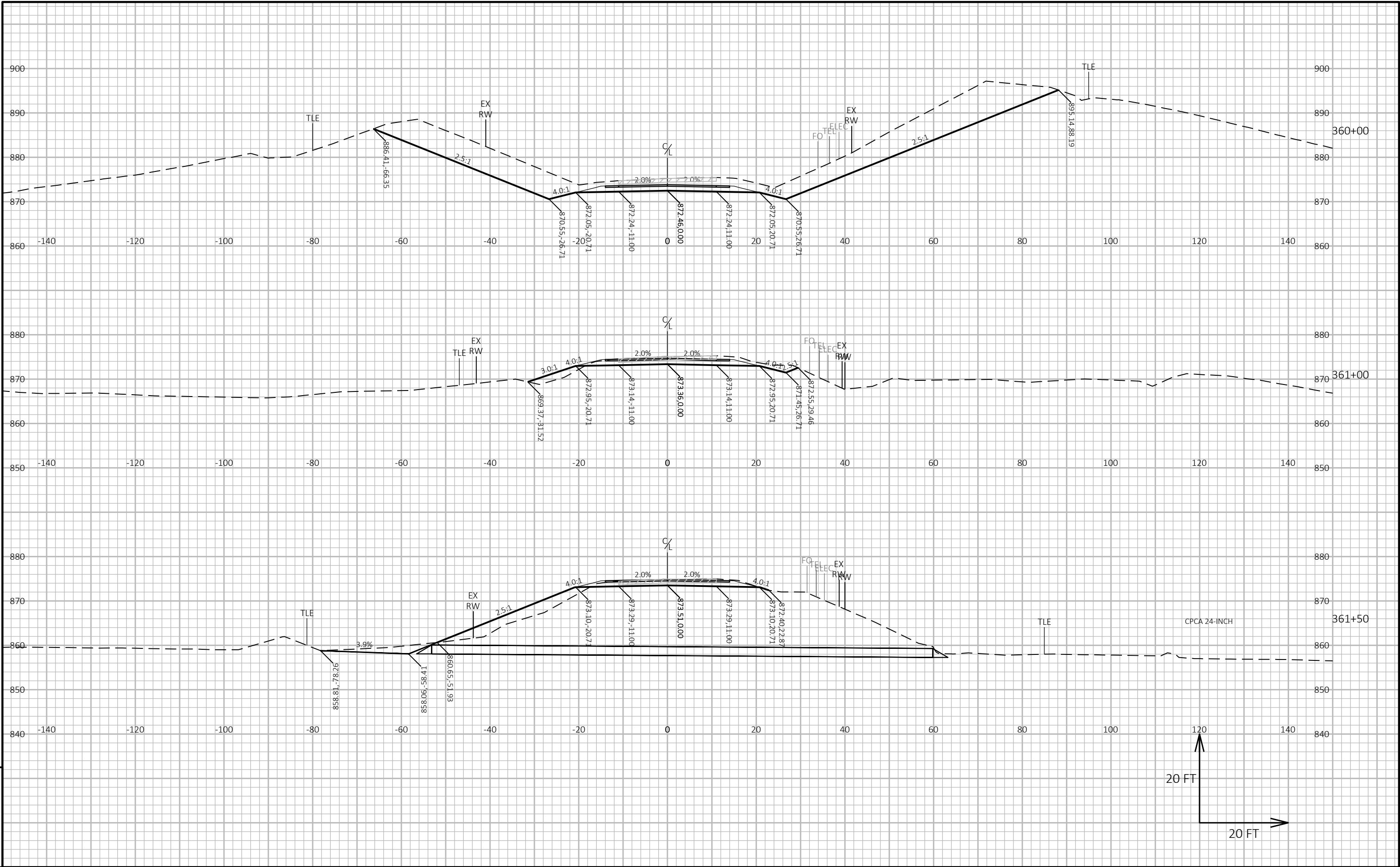
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 319	E
------------------------	------------	-------------------	-----------------------	-----------	---

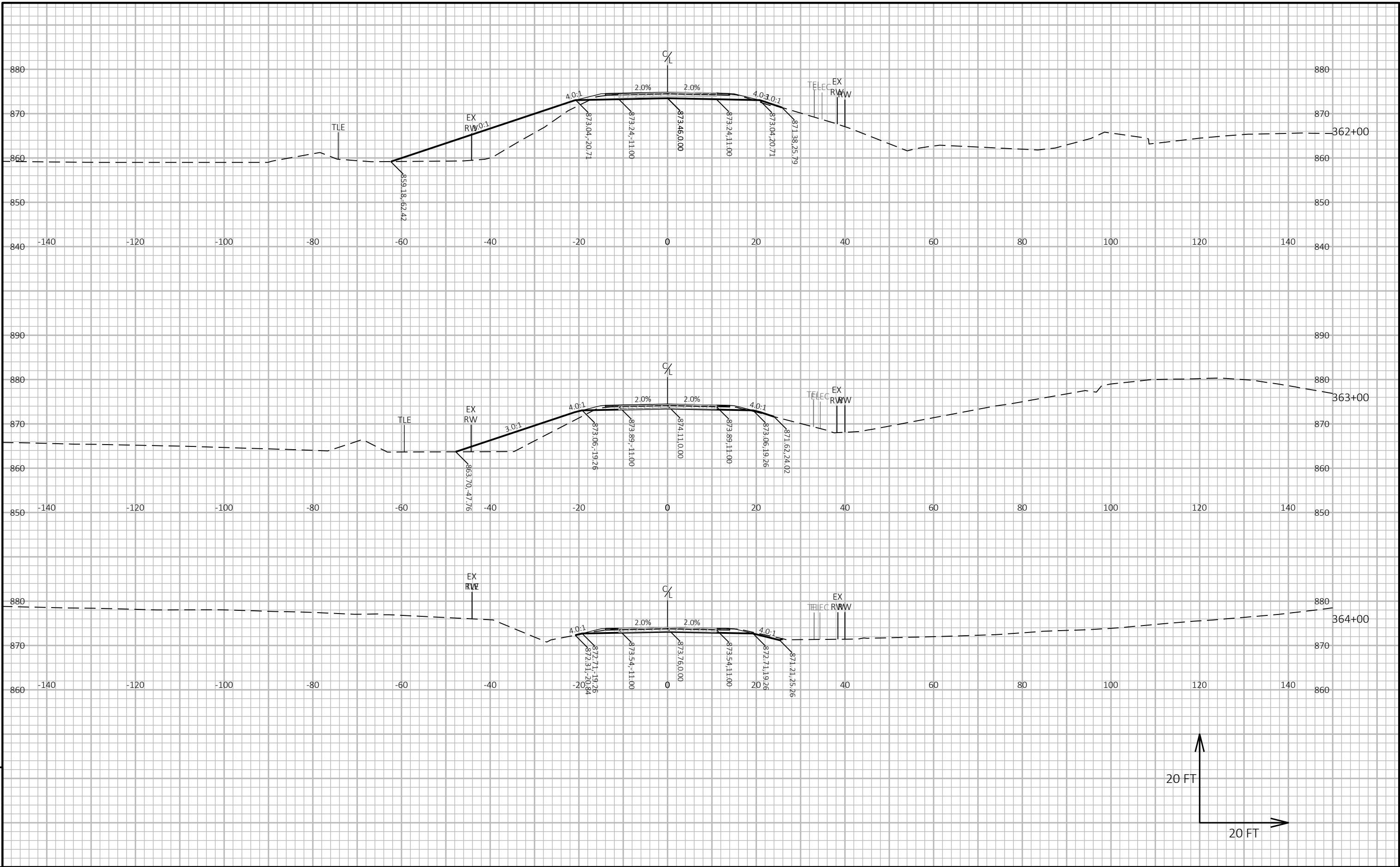


9

9

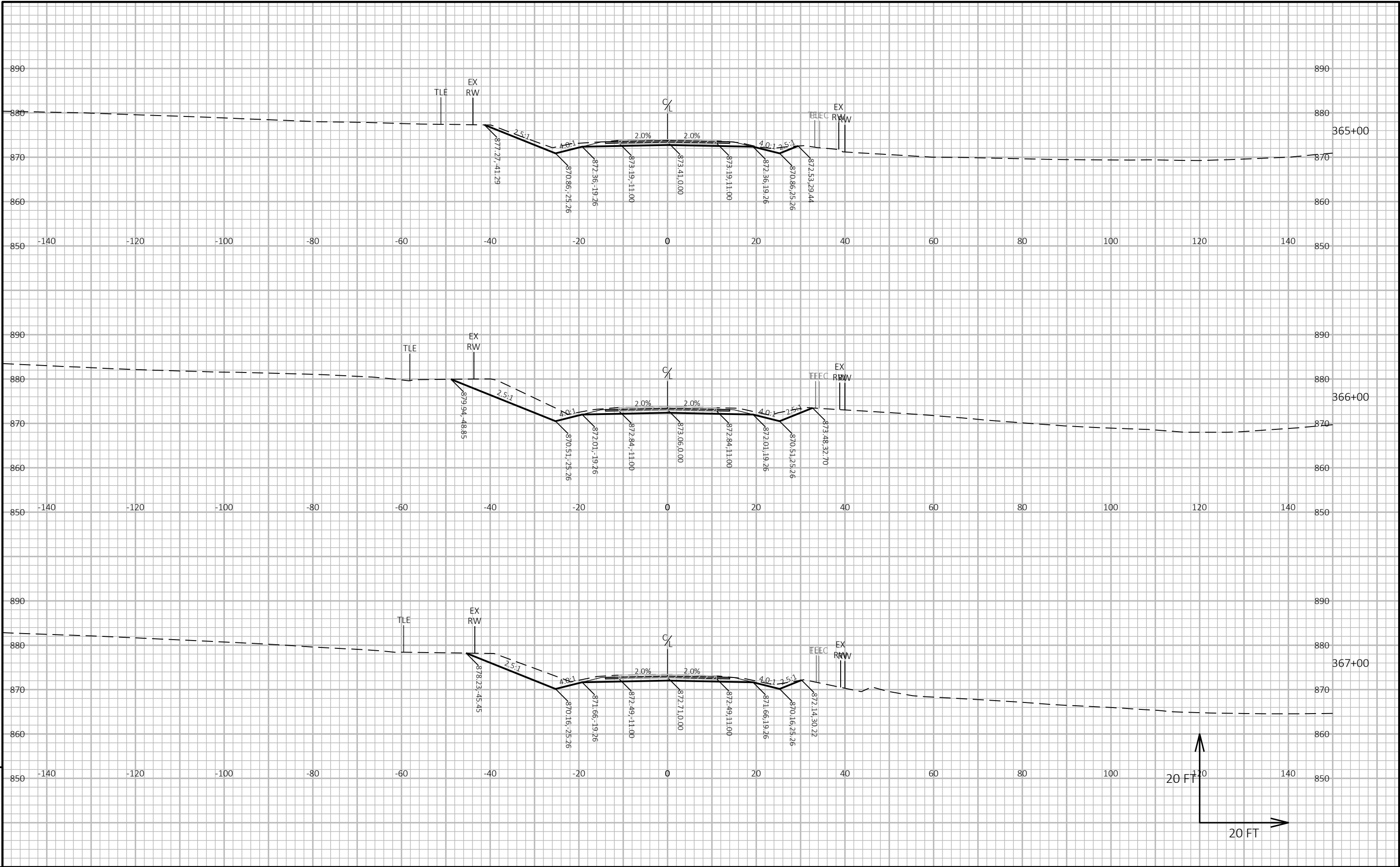
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 320	E
------------------------	------------	-------------------	-----------------------	-----------	---

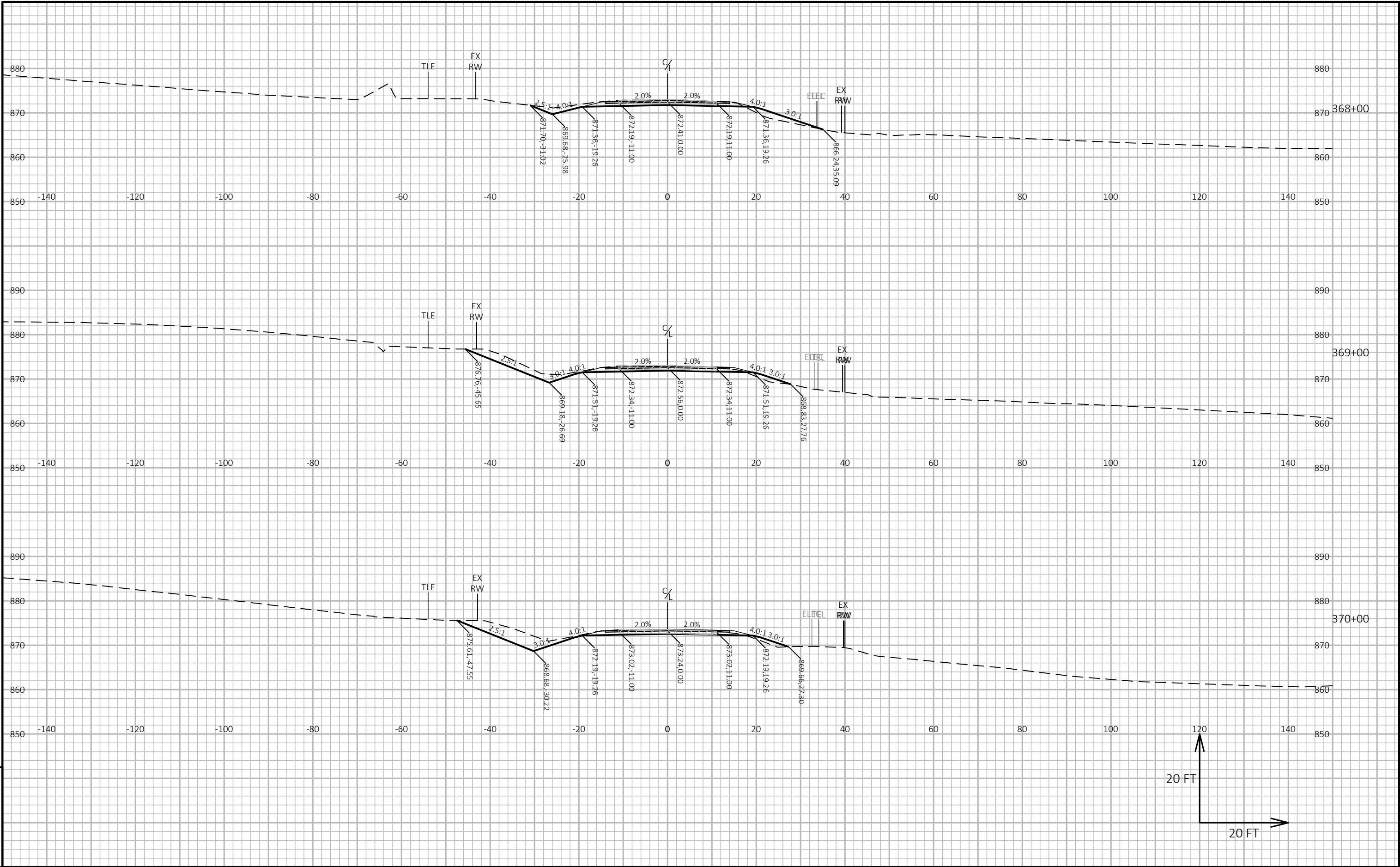


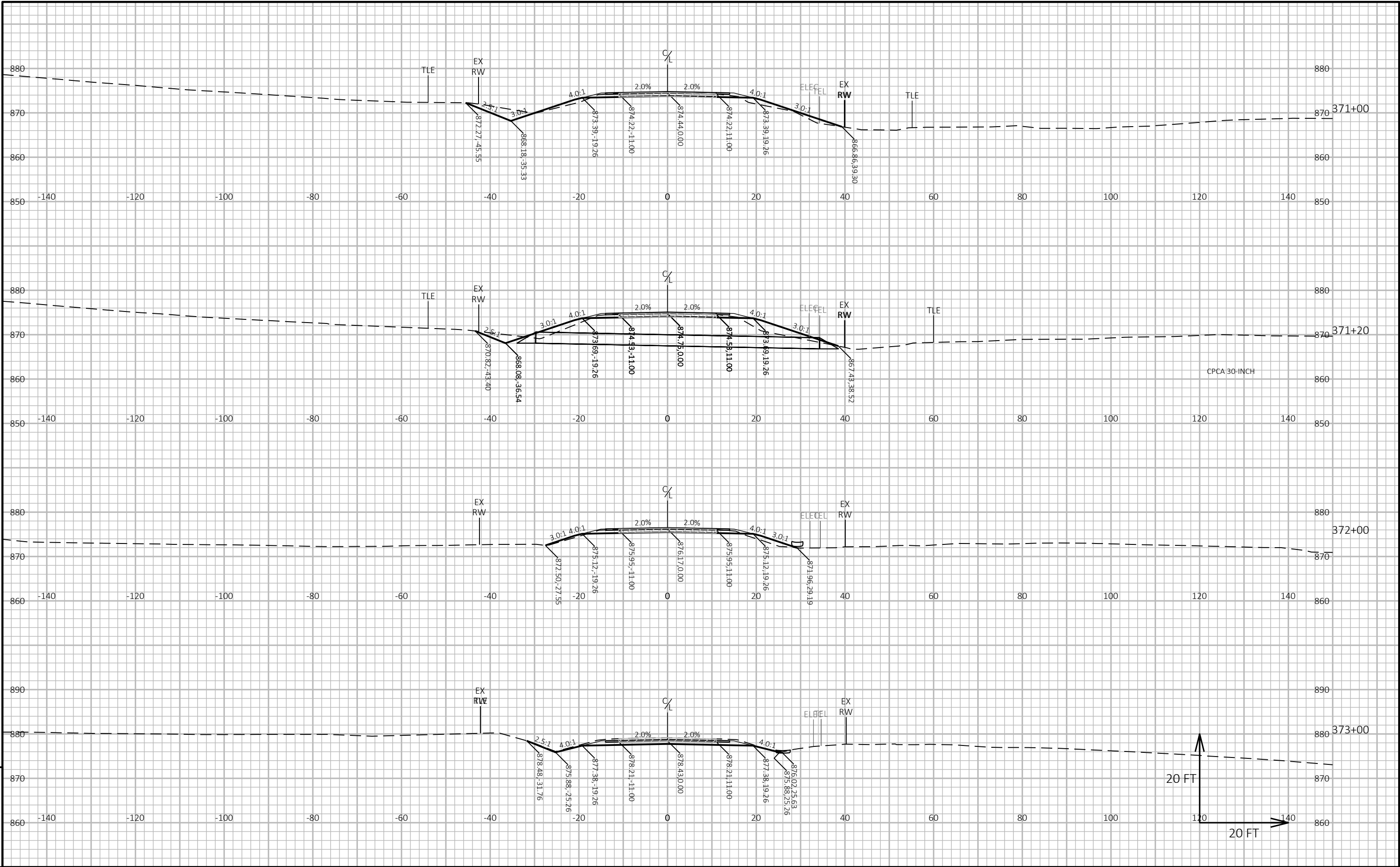


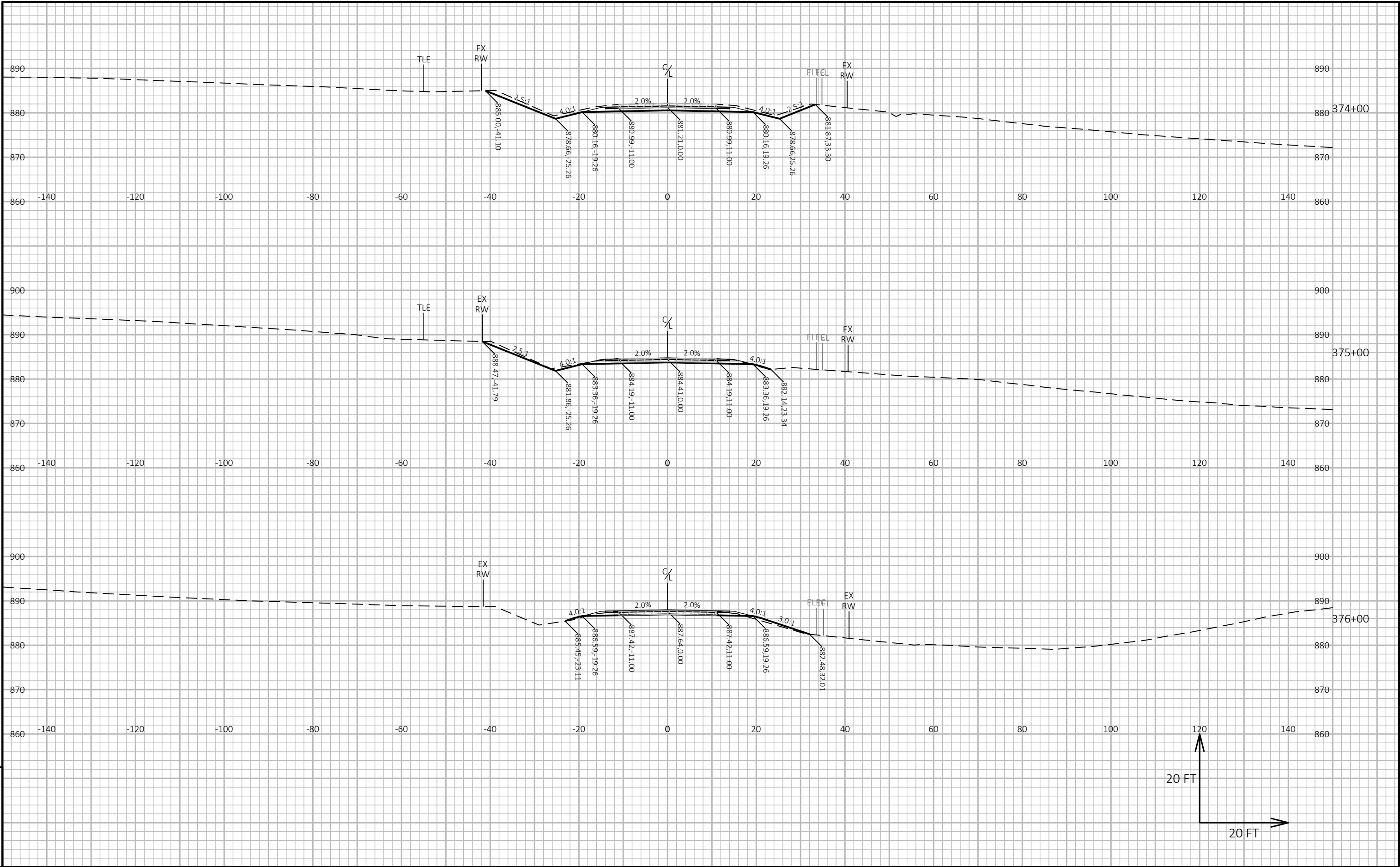
9

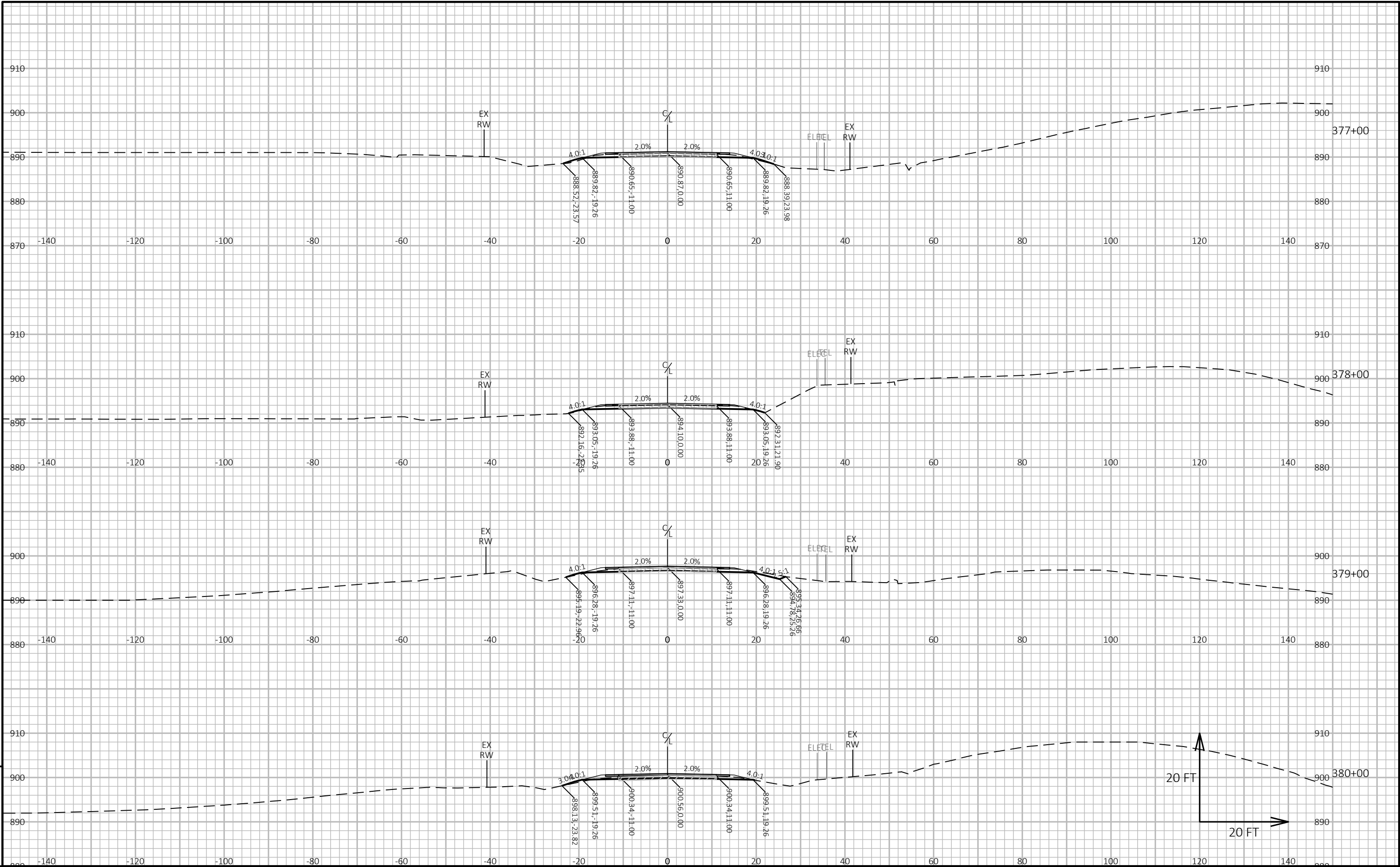
9

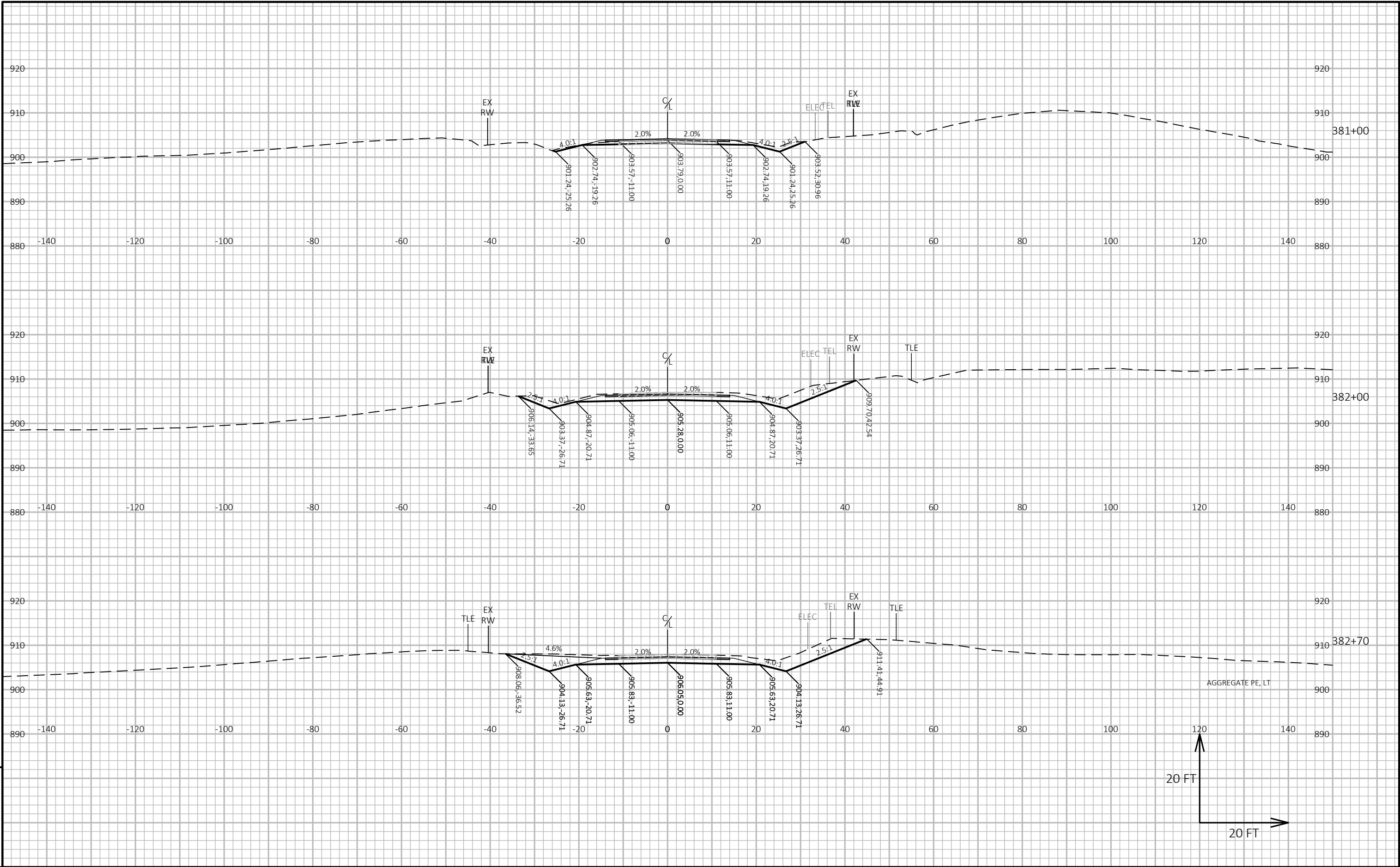




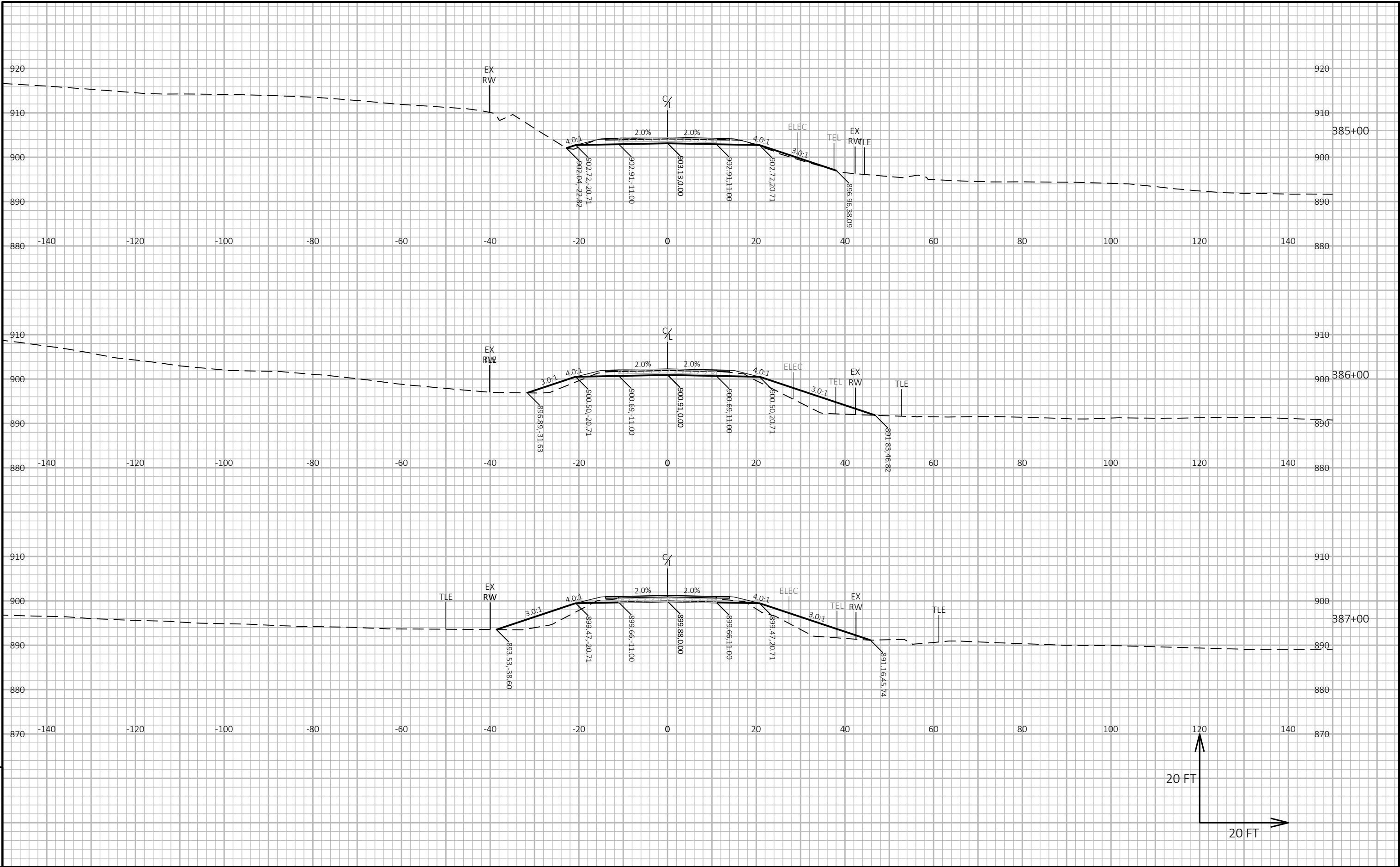


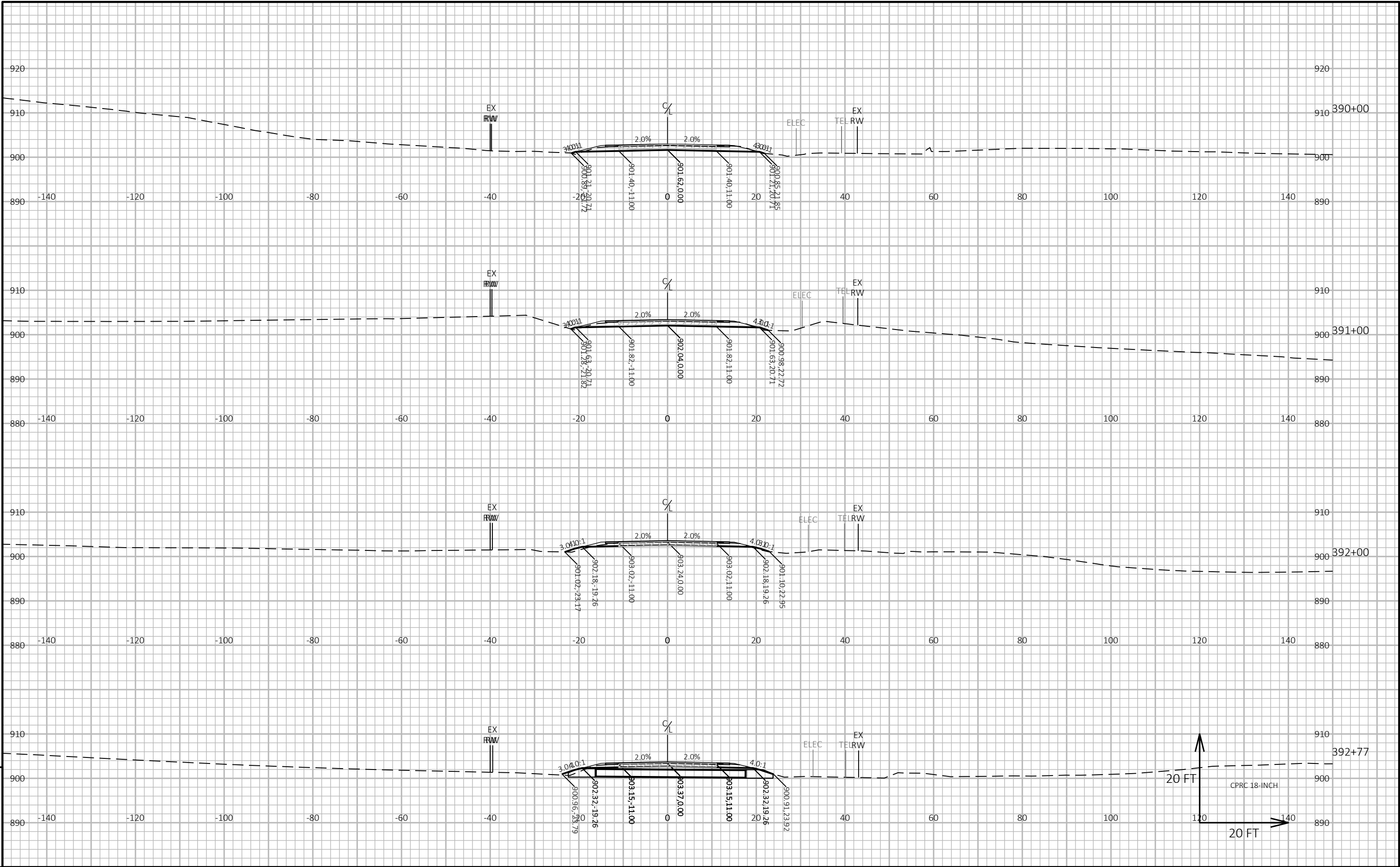


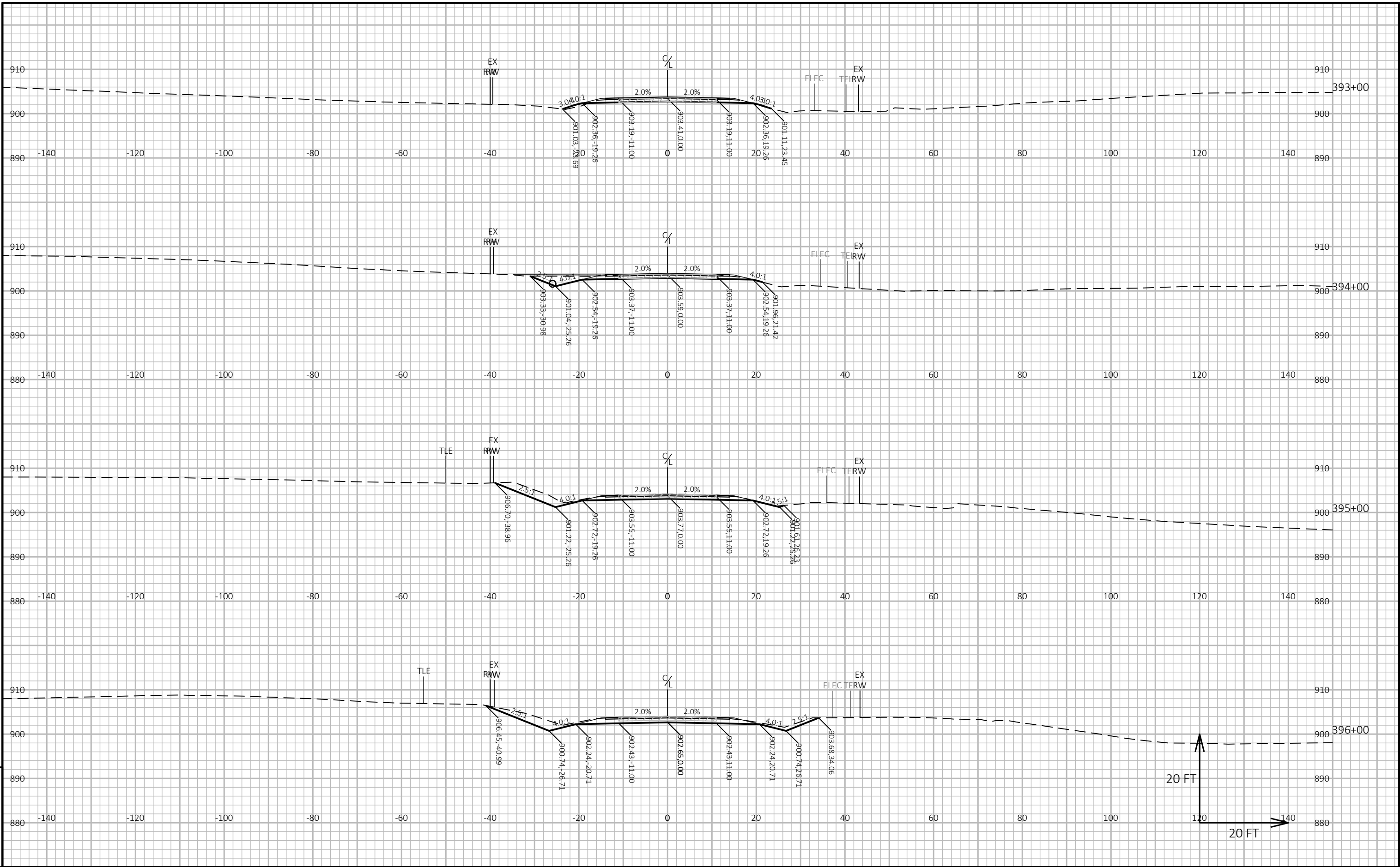




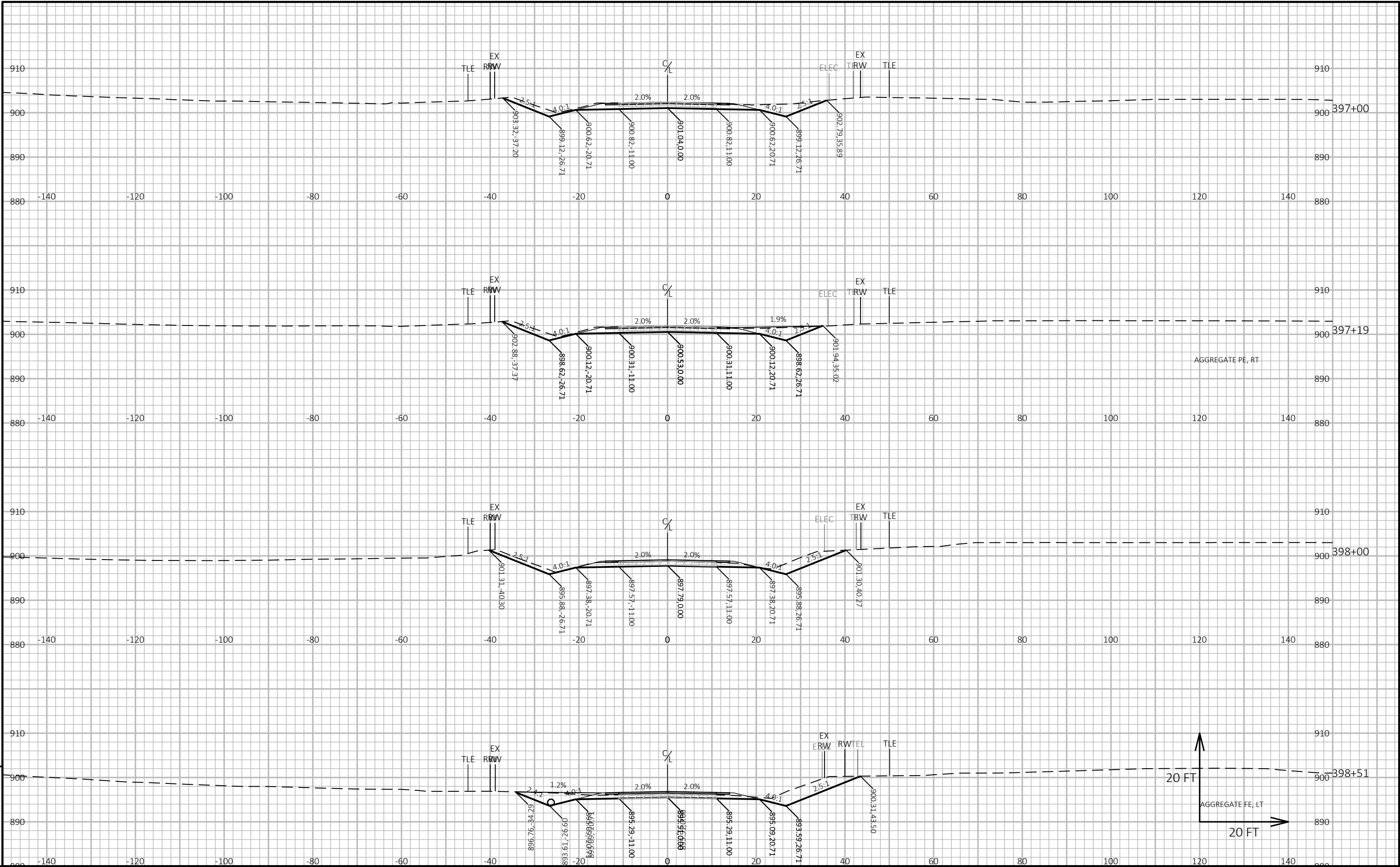


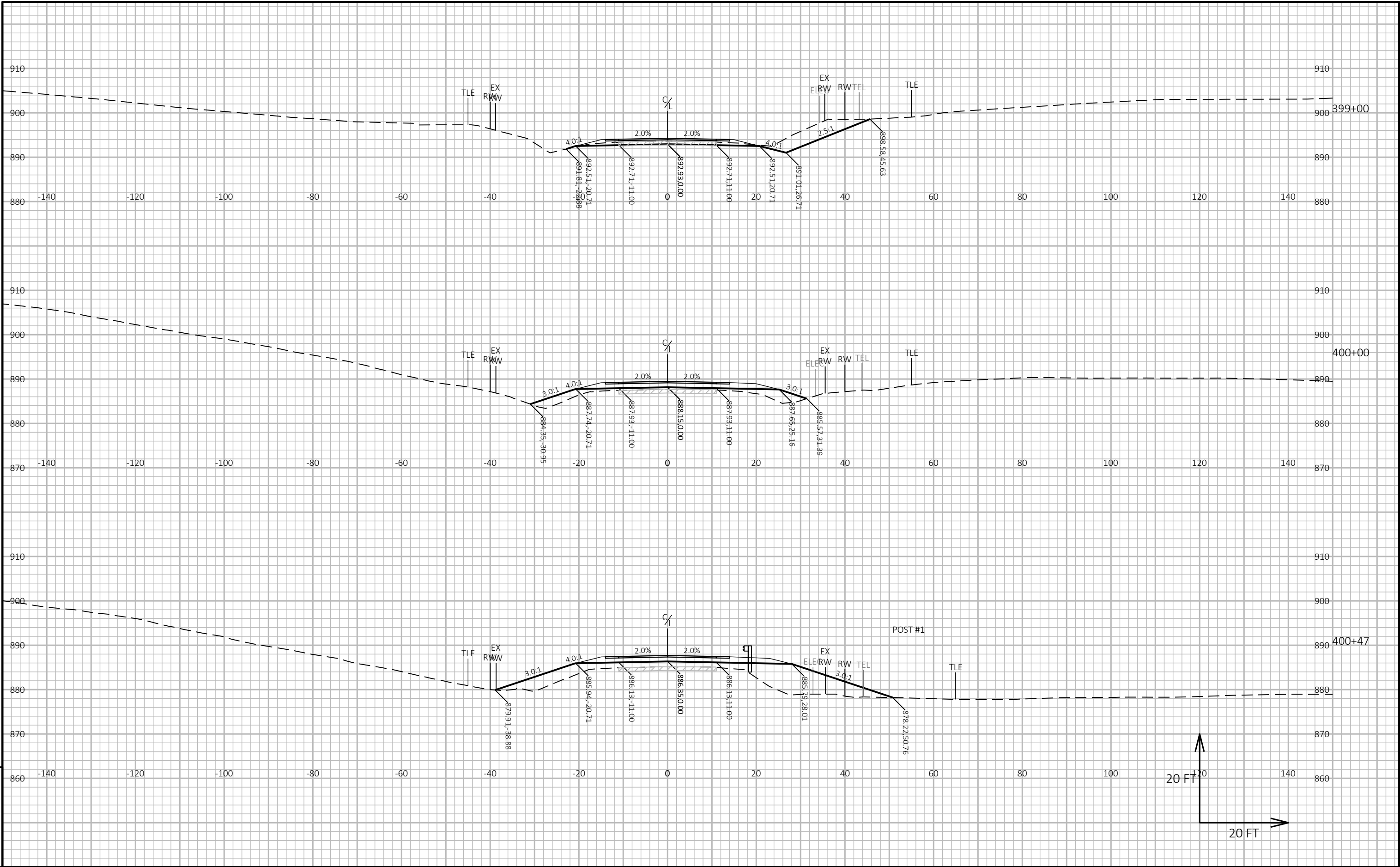


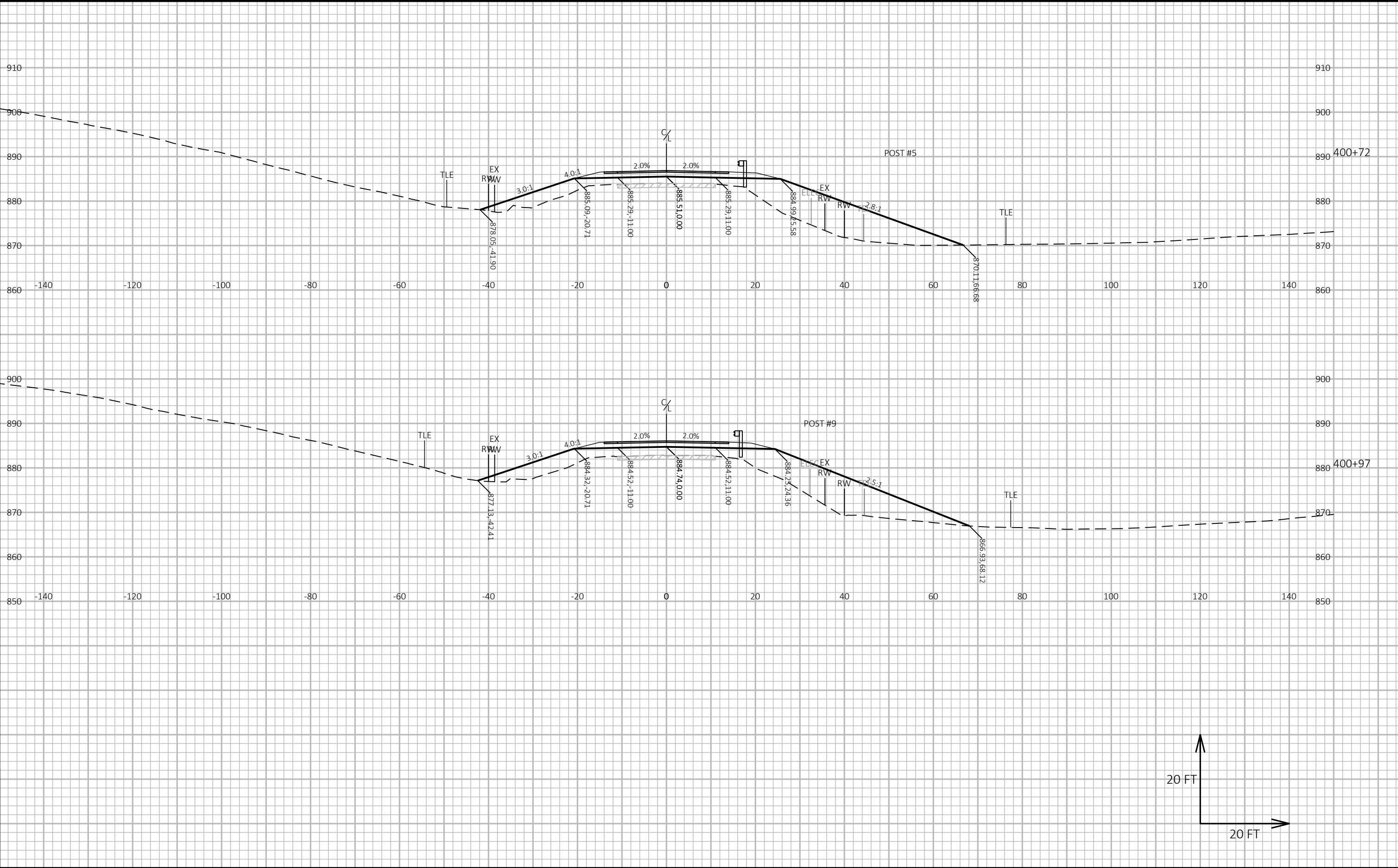


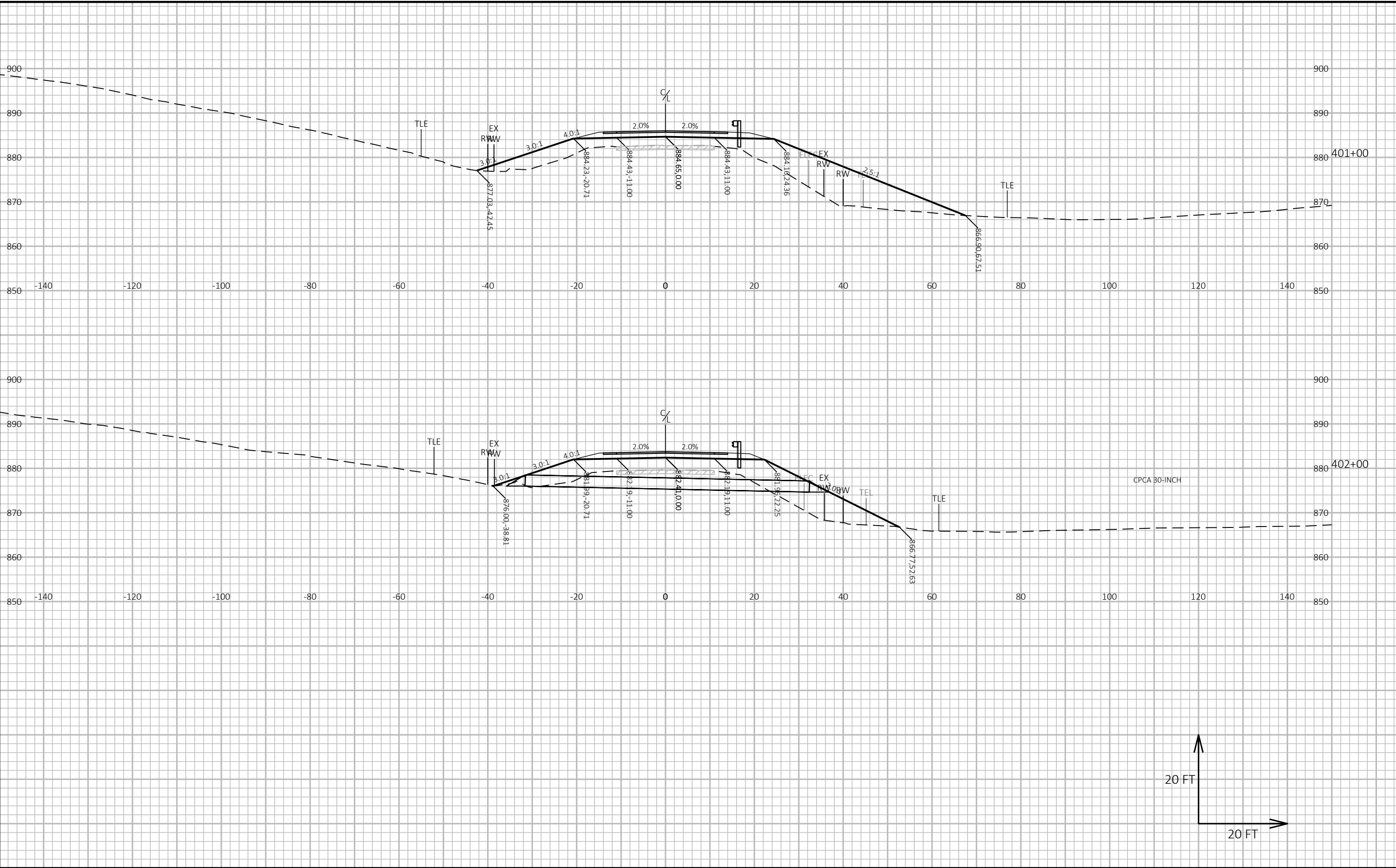


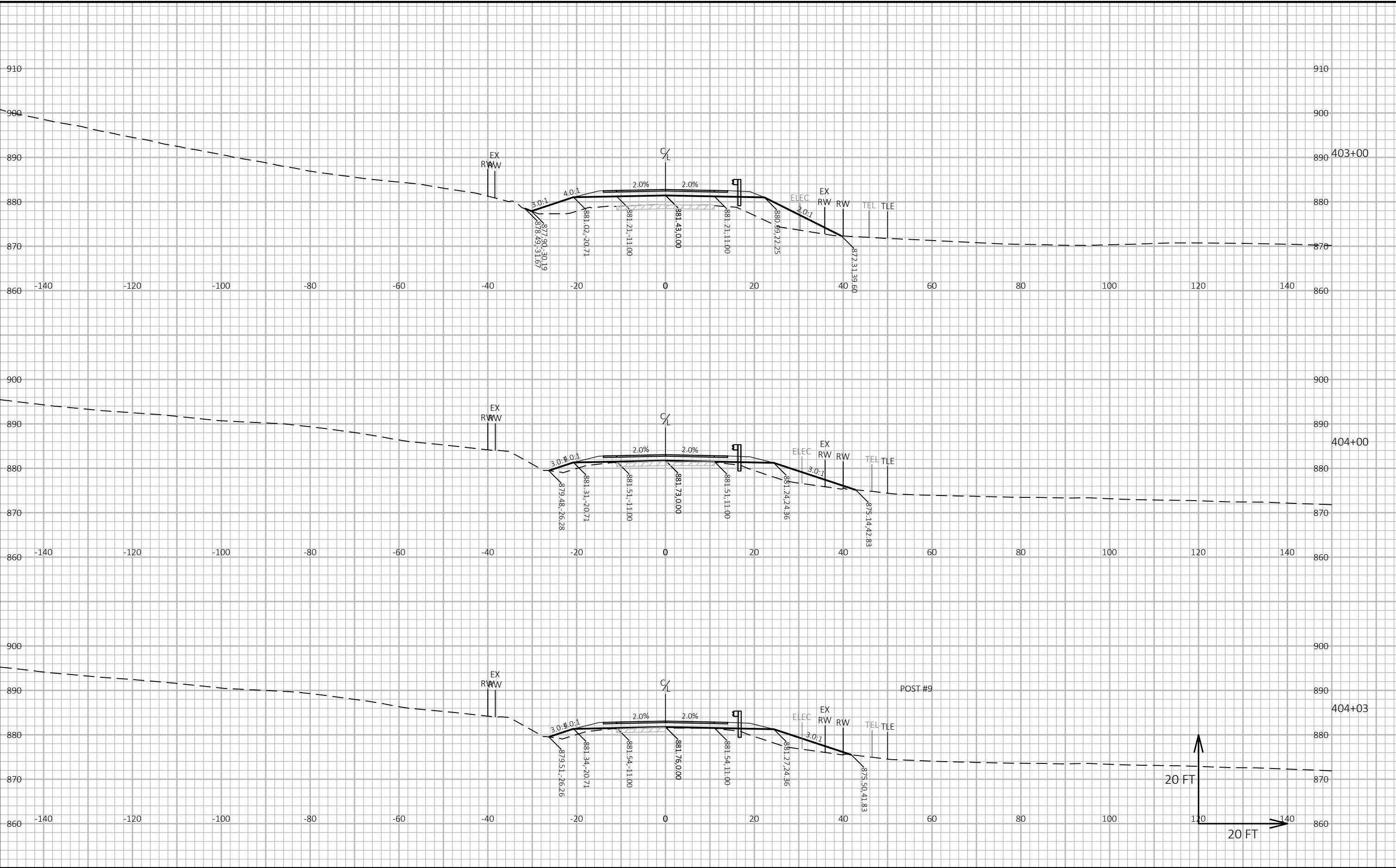
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 333	E
------------------------	------------	-------------------	-----------------------	-----------	---

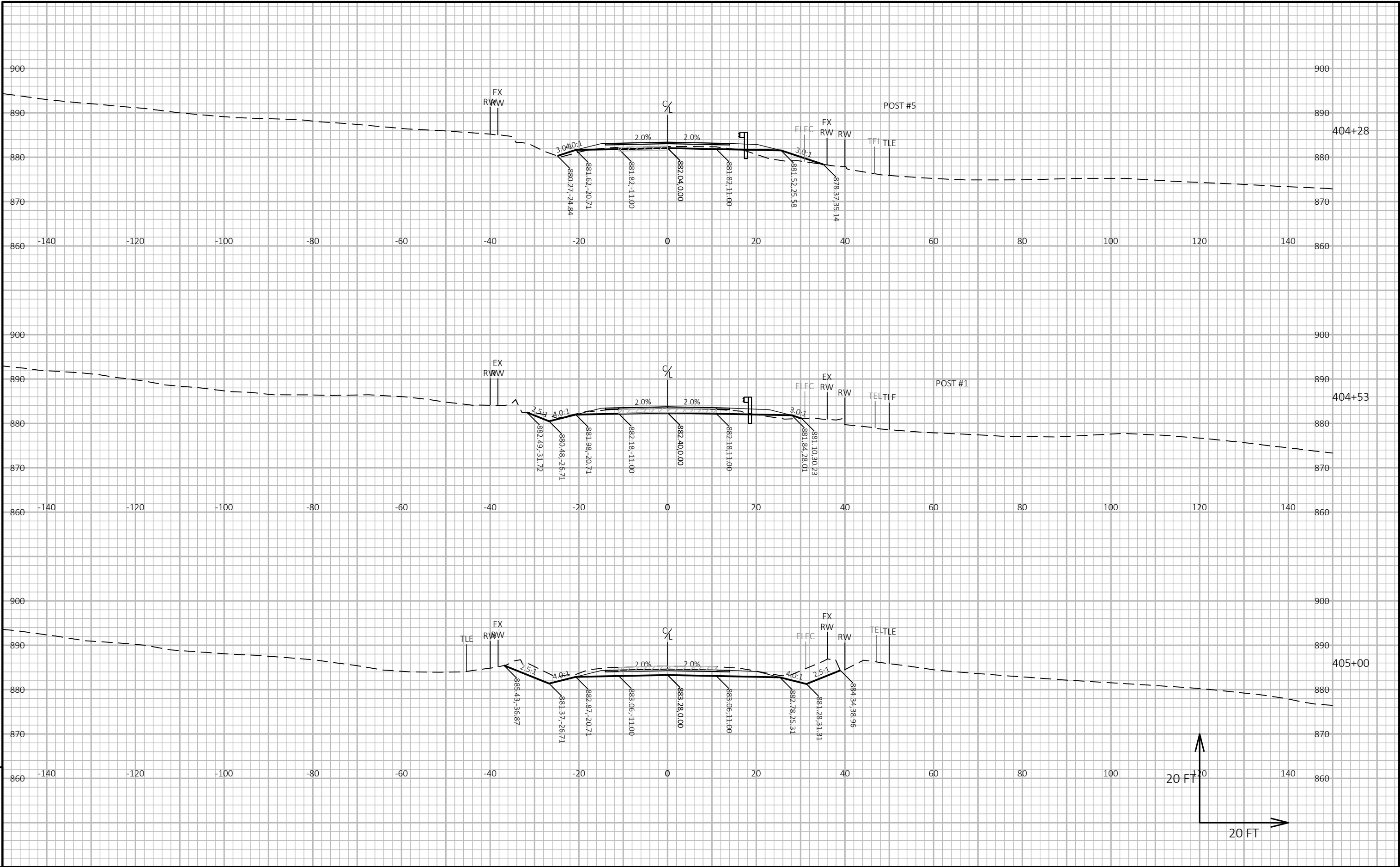


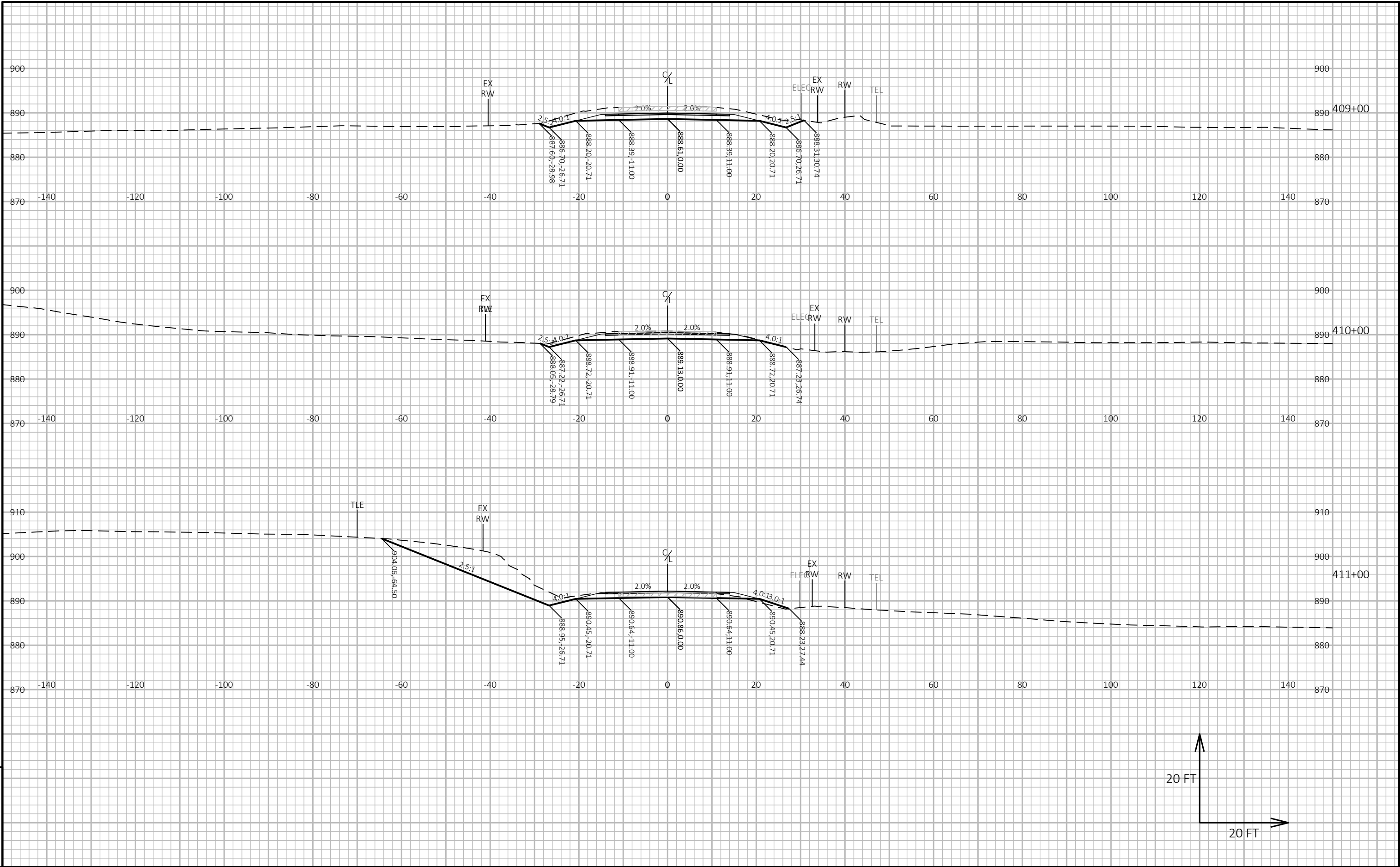


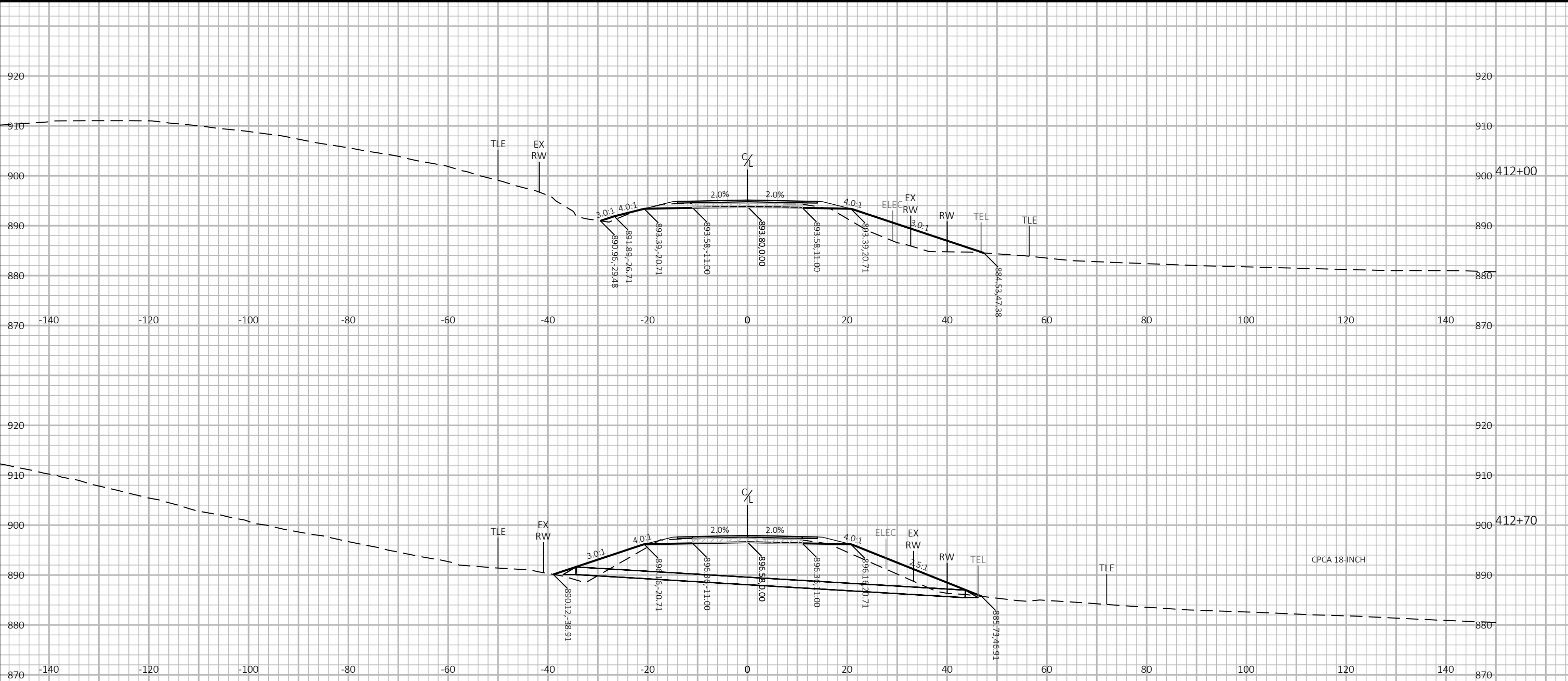






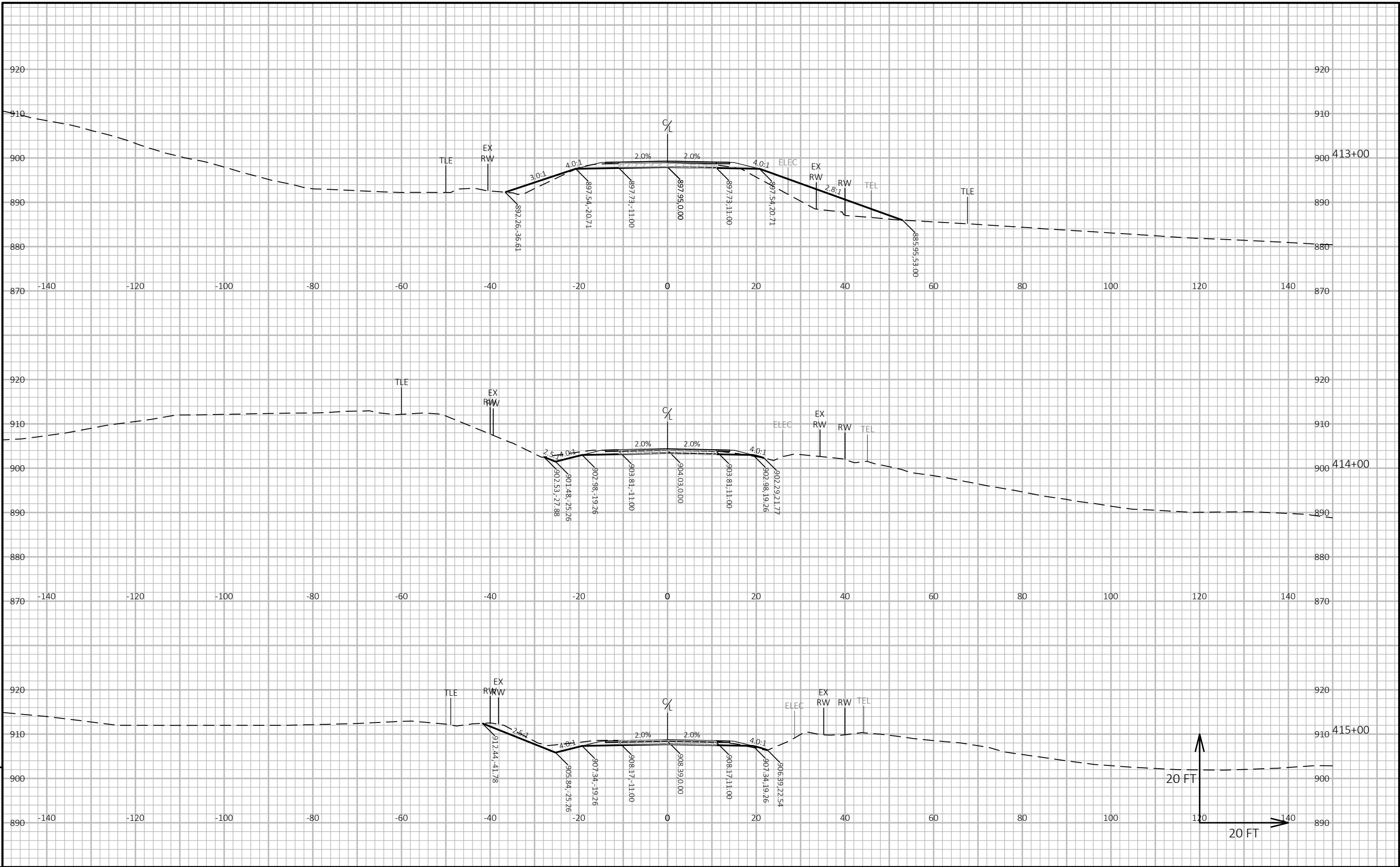


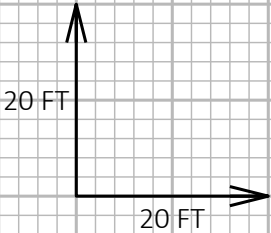
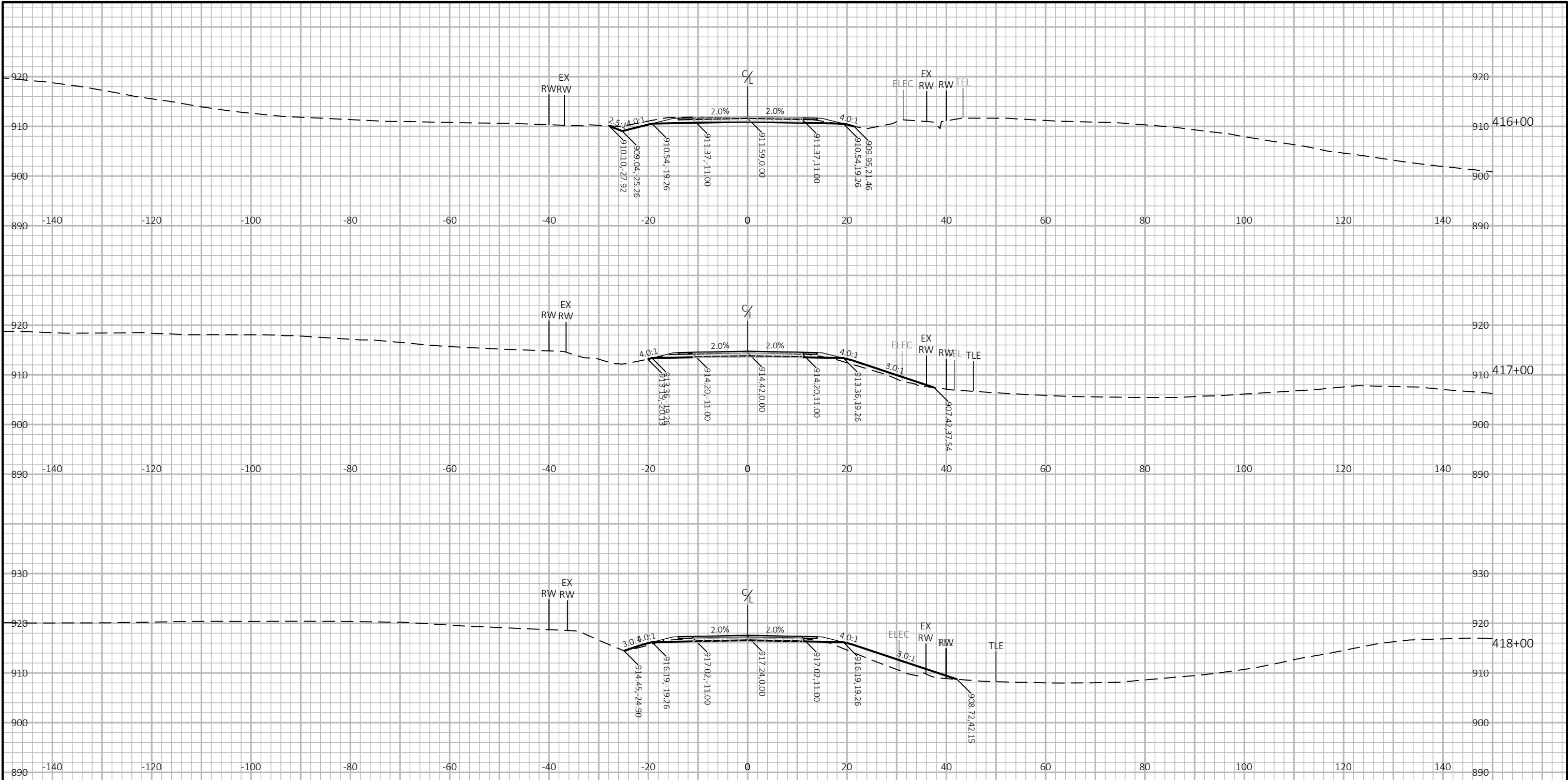




9

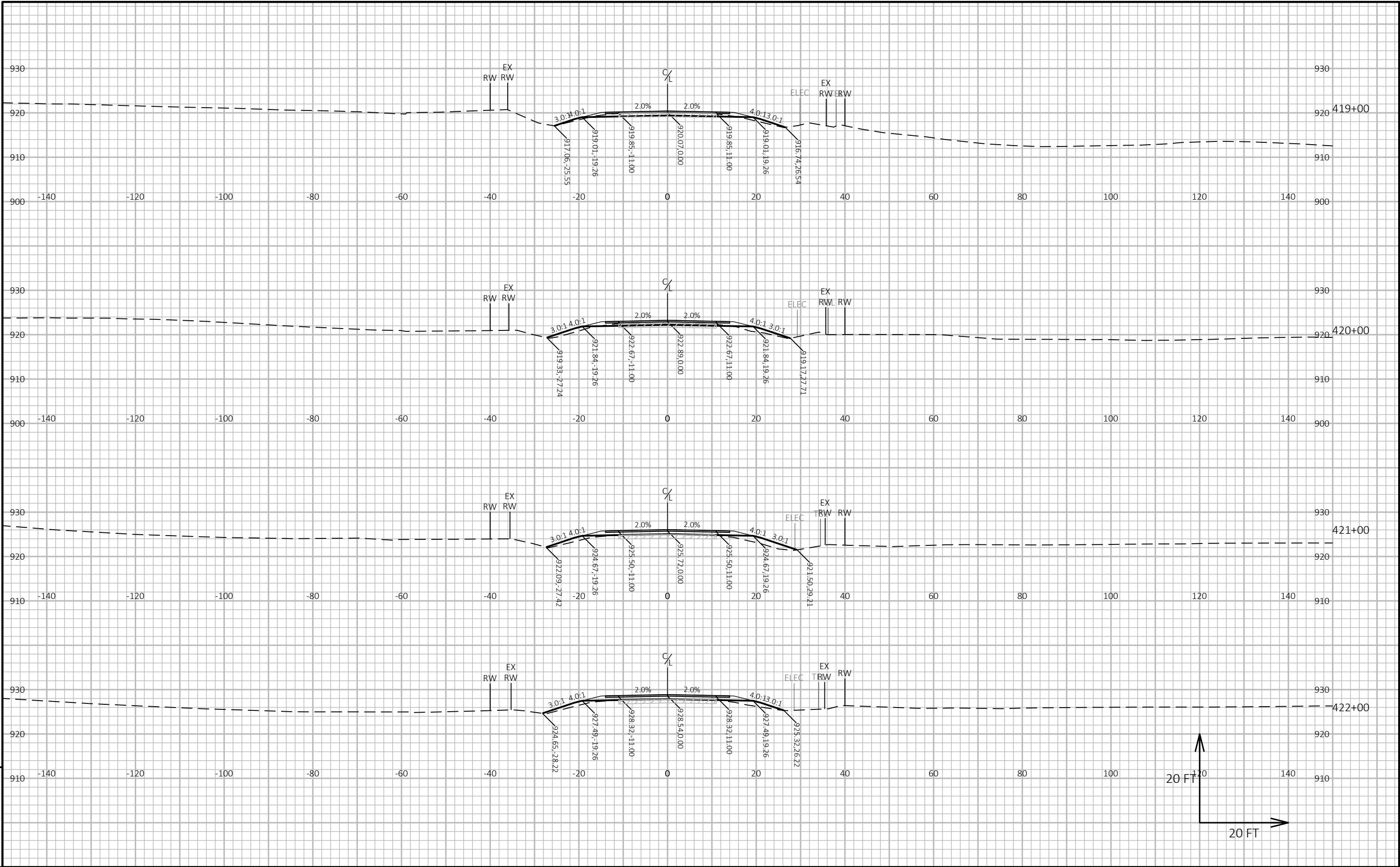
9

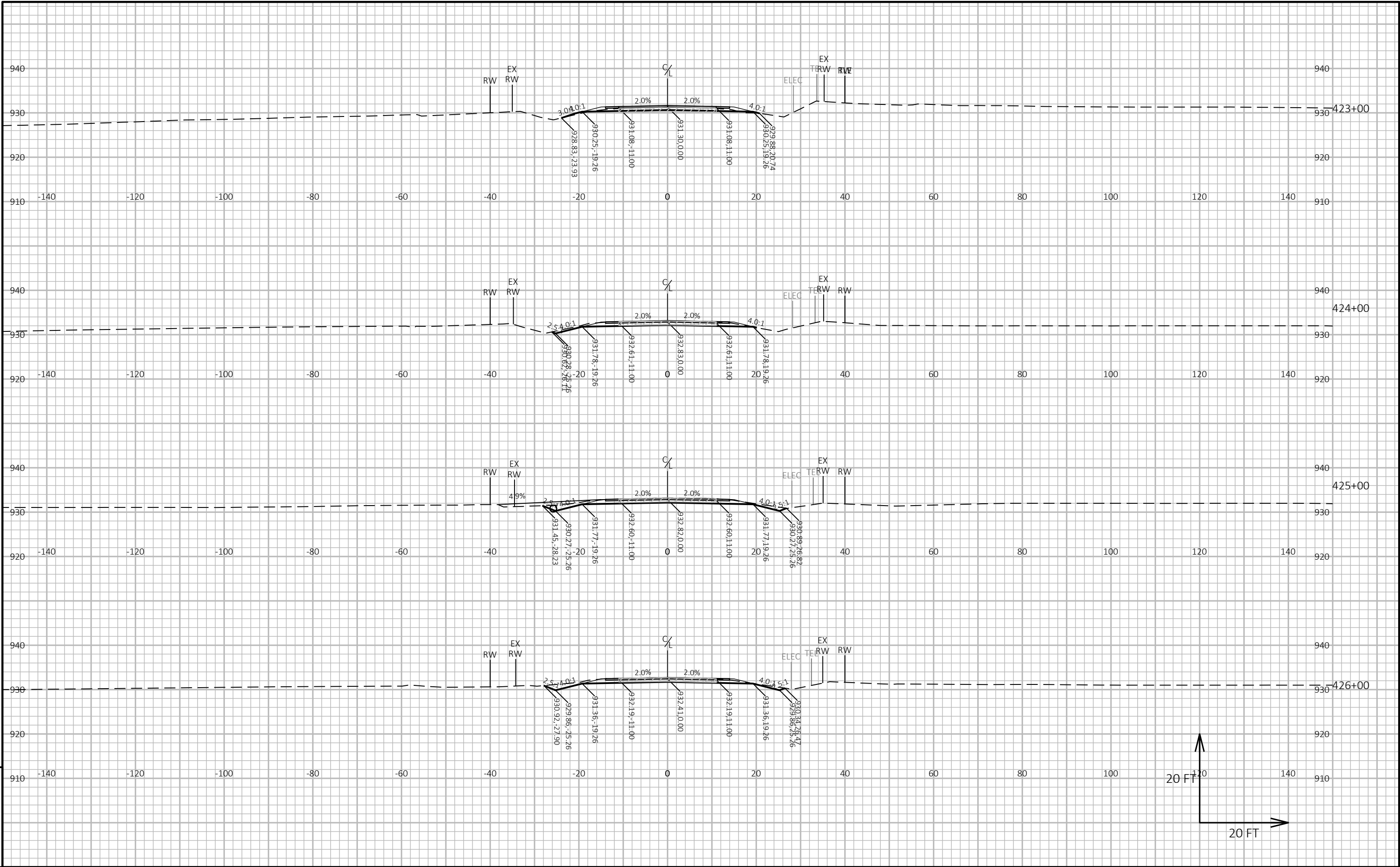


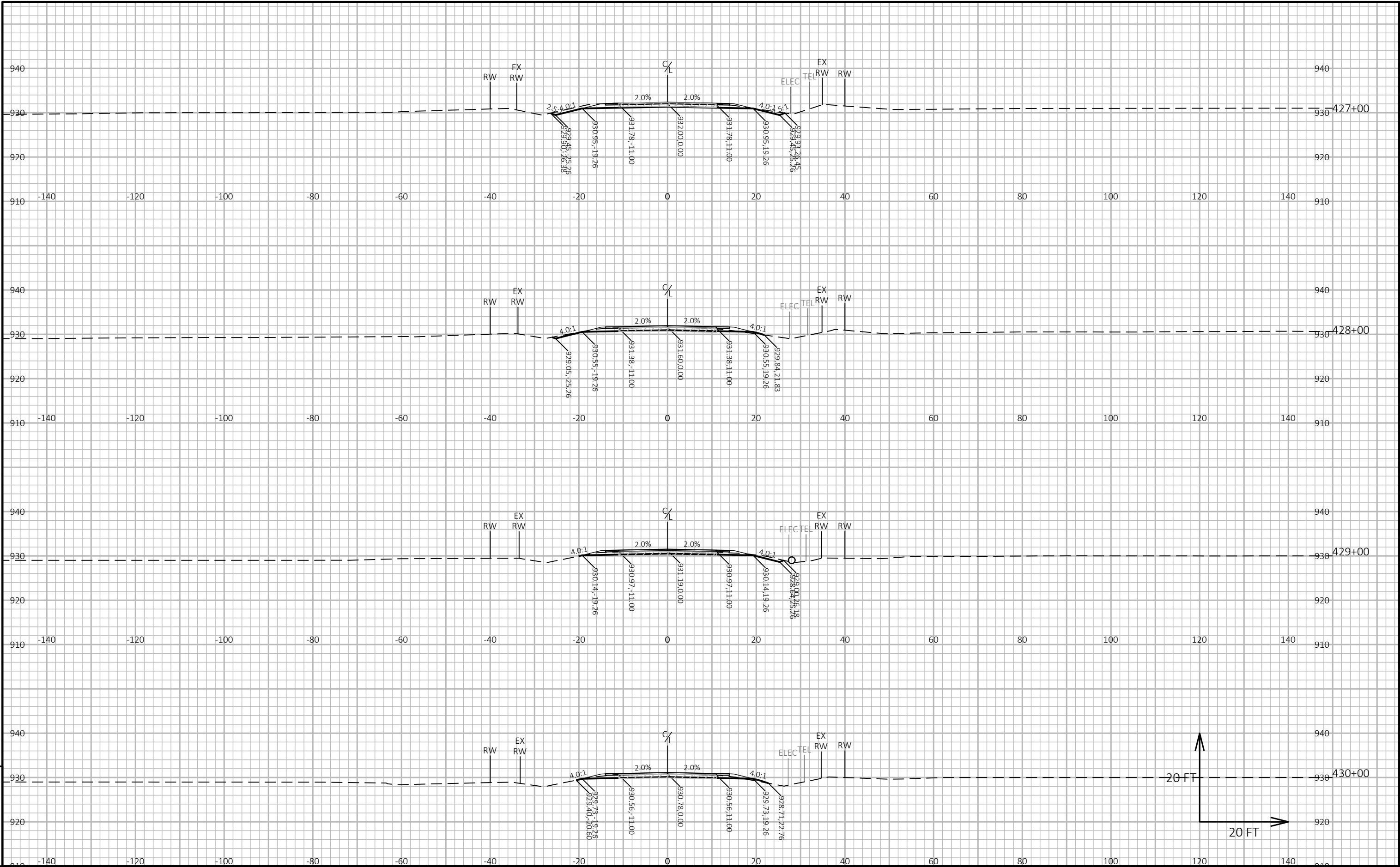


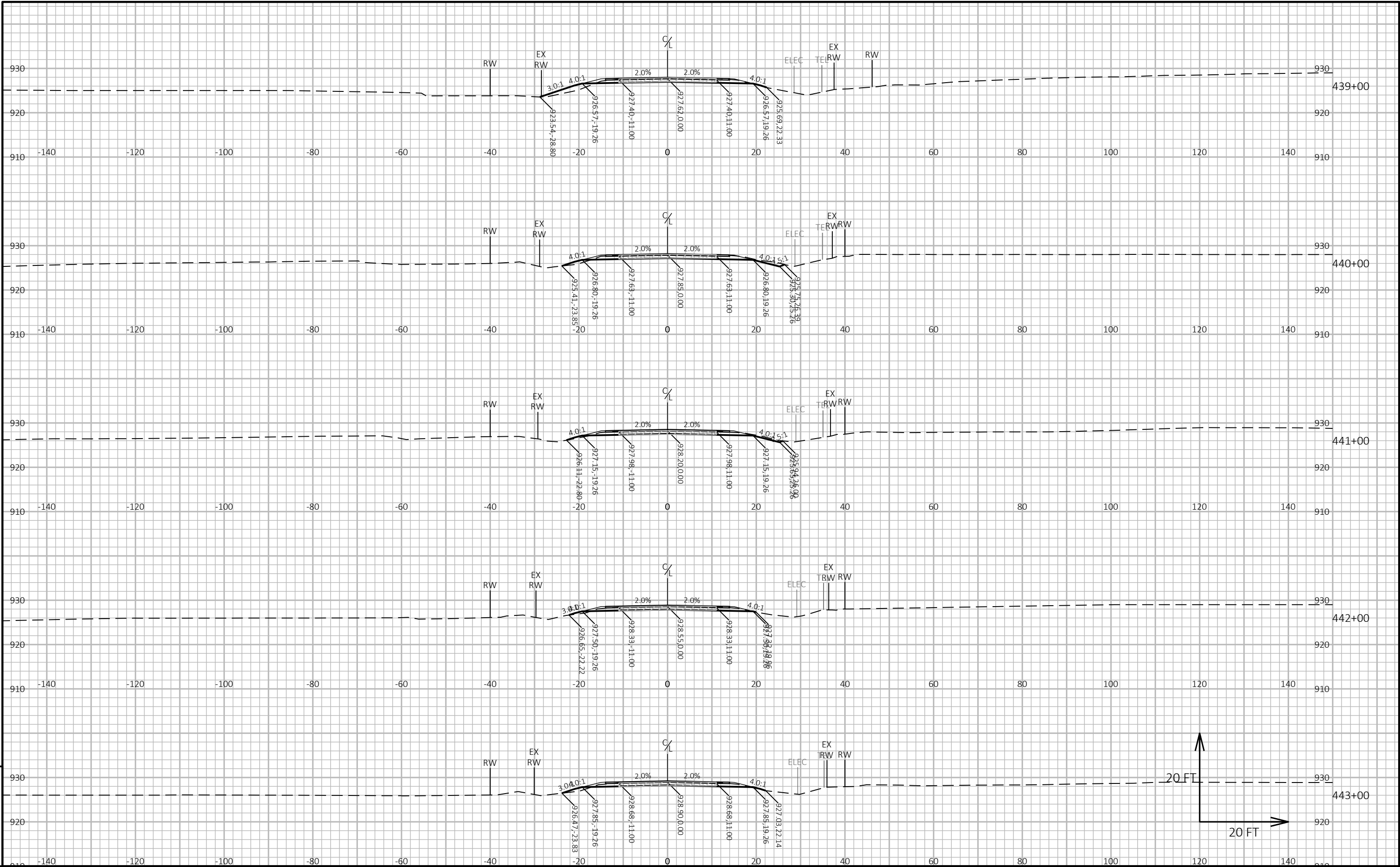
9

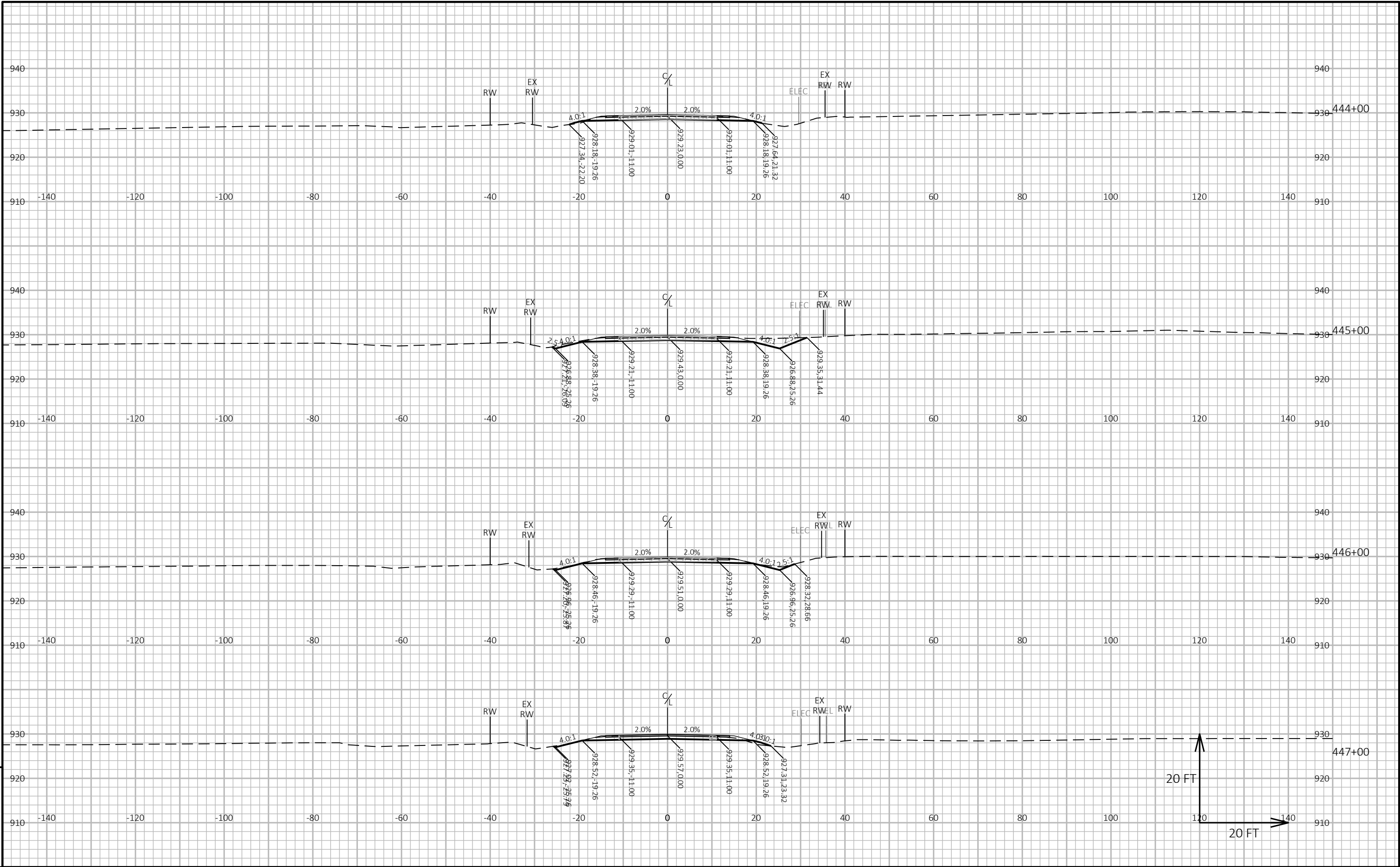
9







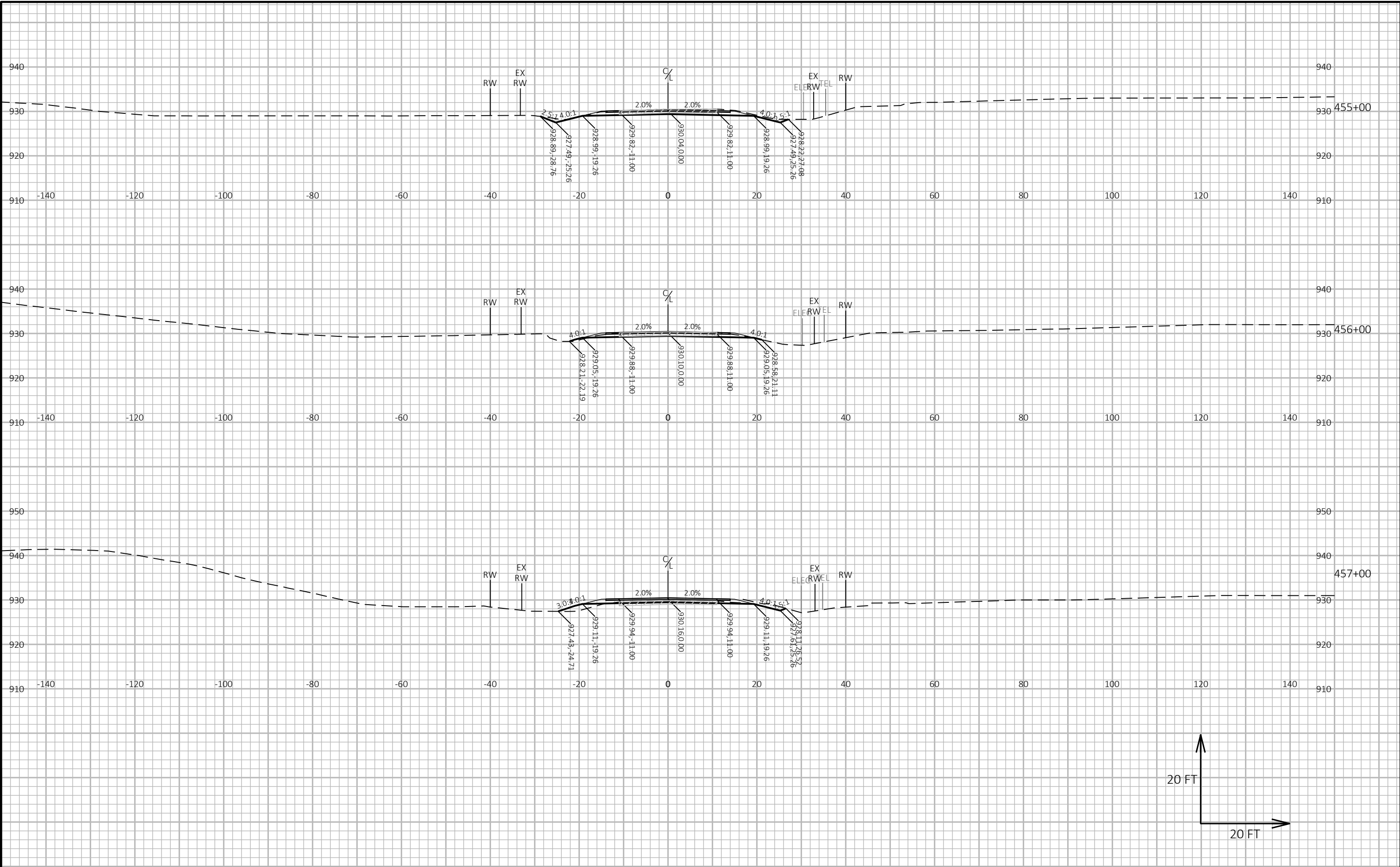


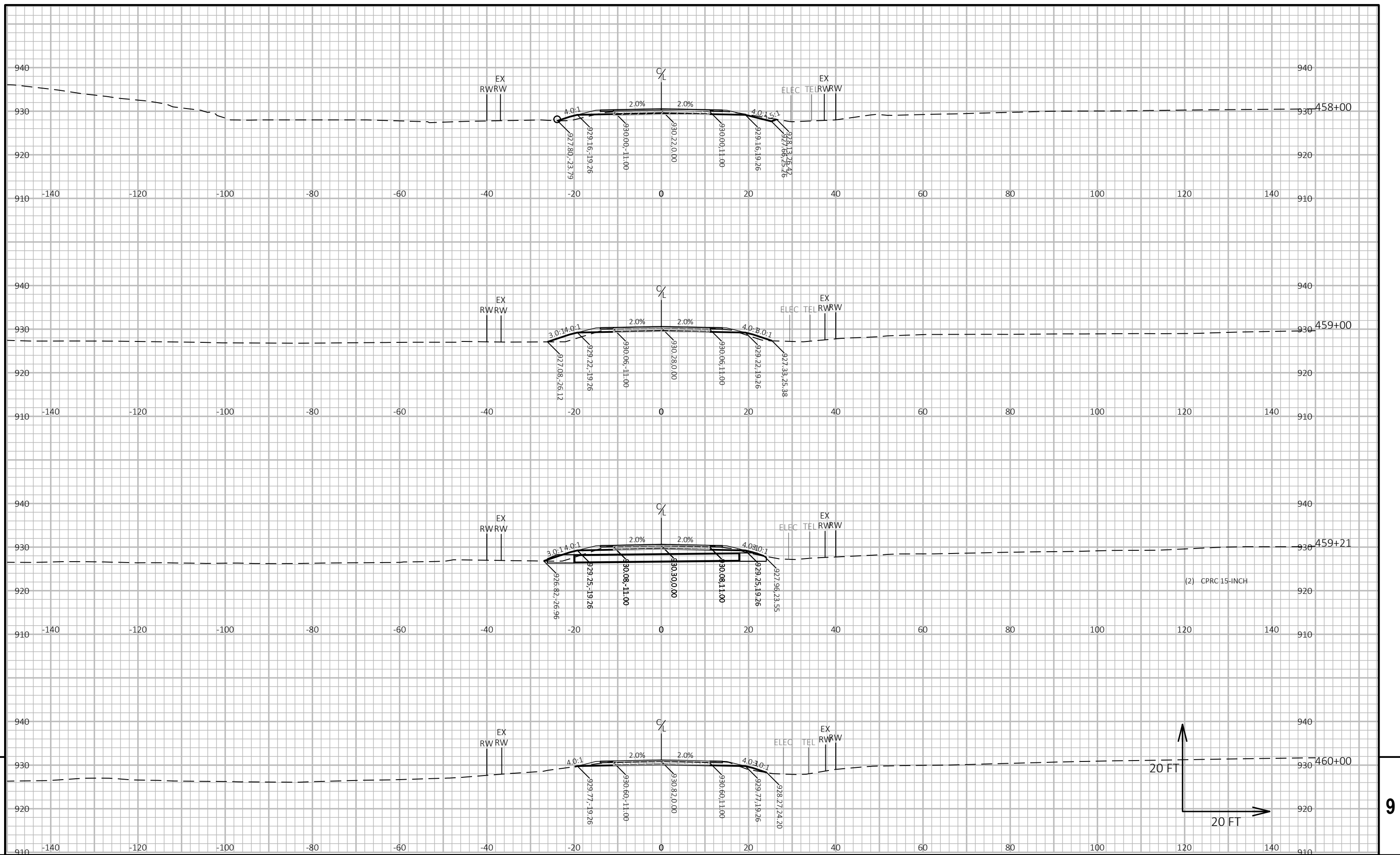
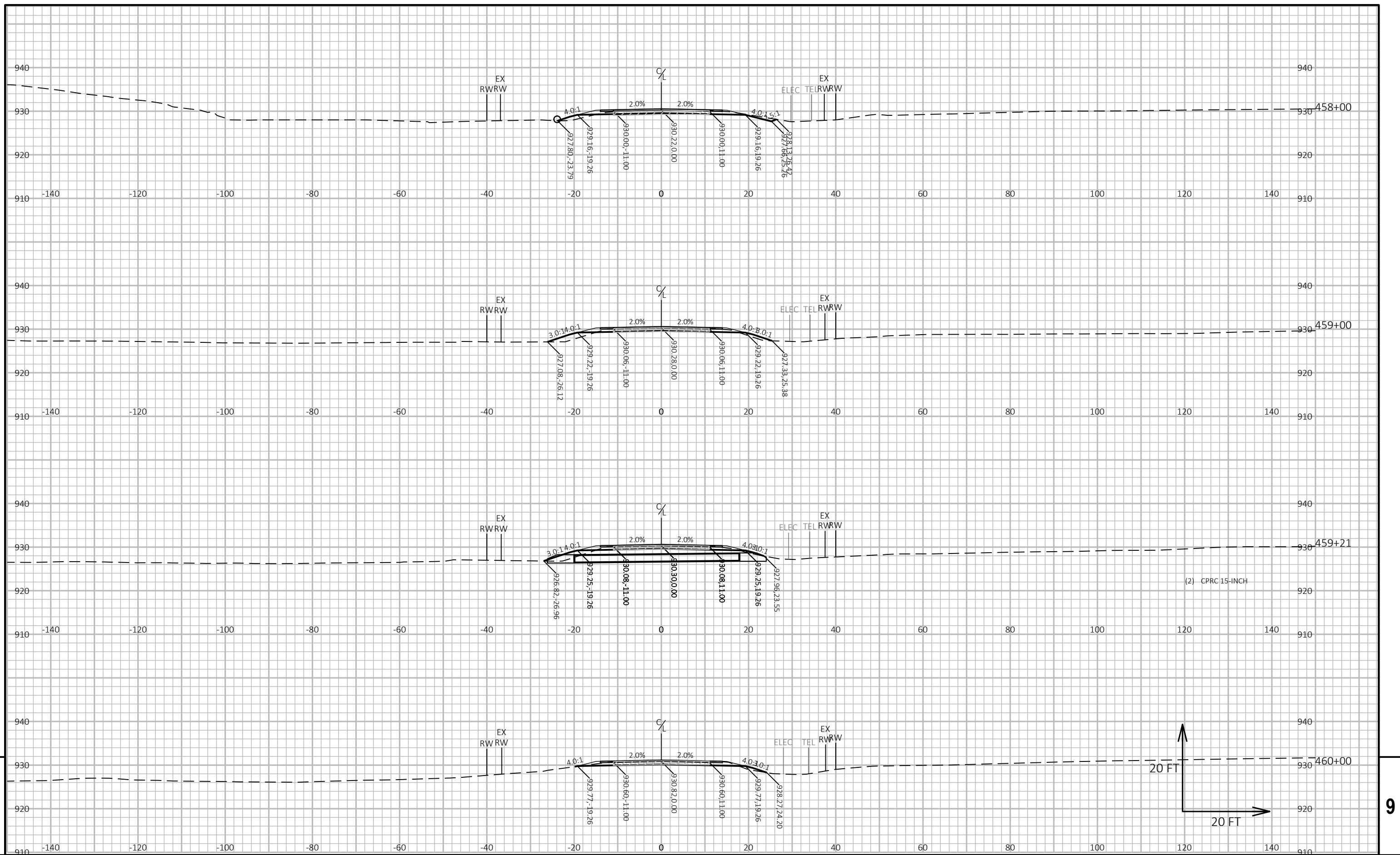




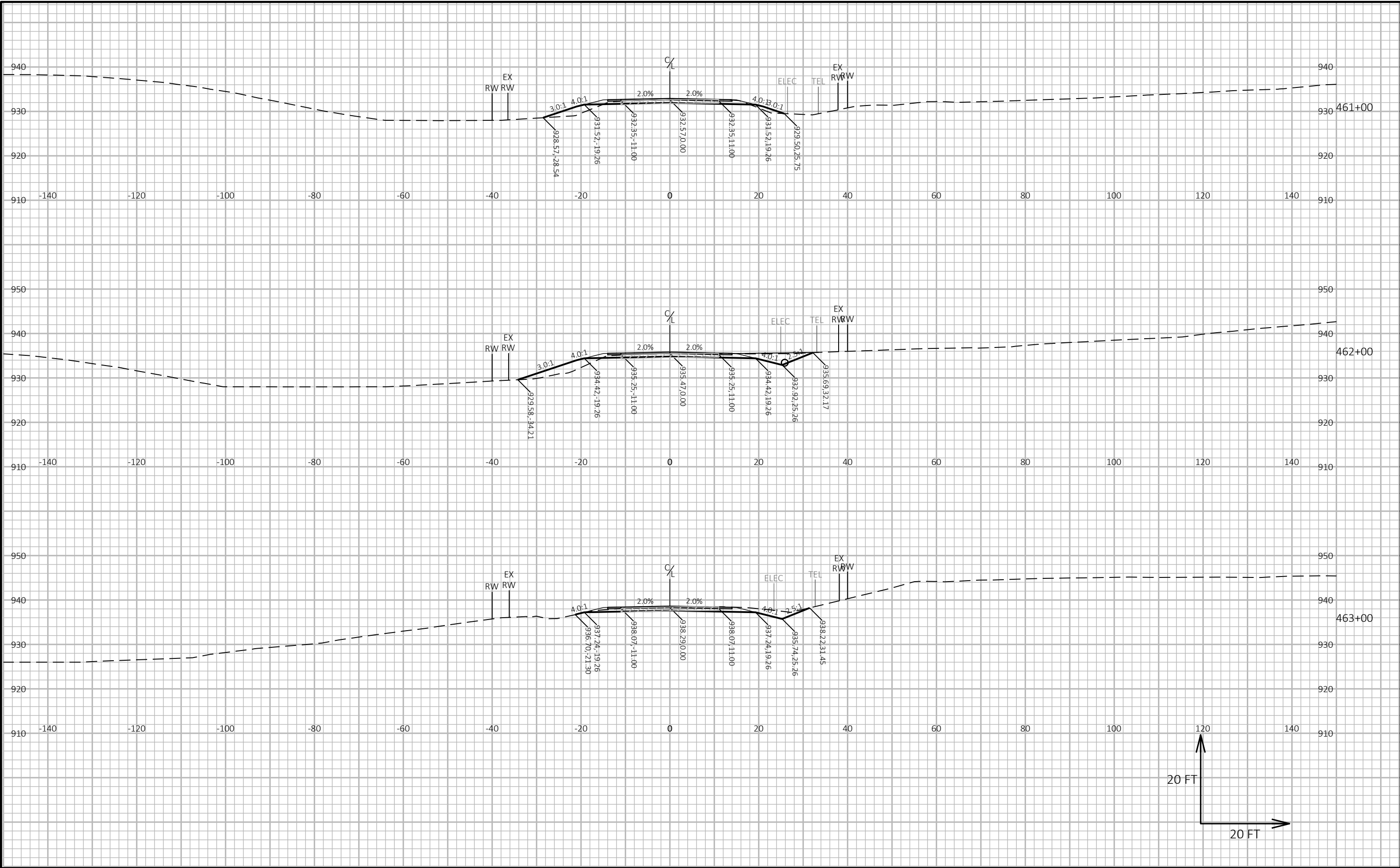
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 352	E
------------------------	------------	-------------------	-----------------------	-----------	---

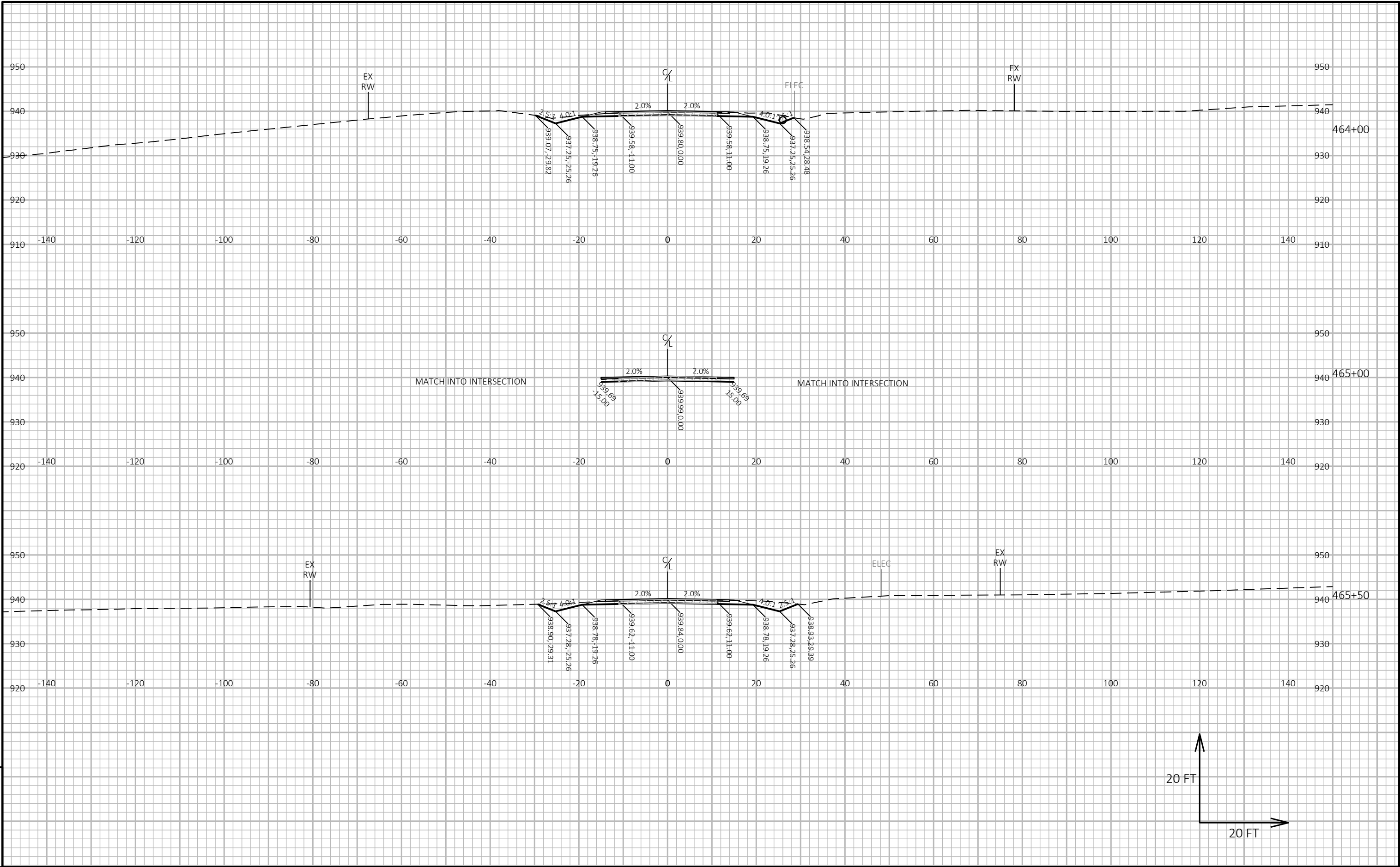






PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 355	E
------------------------	------------	-------------------	-----------------------	-----------	---

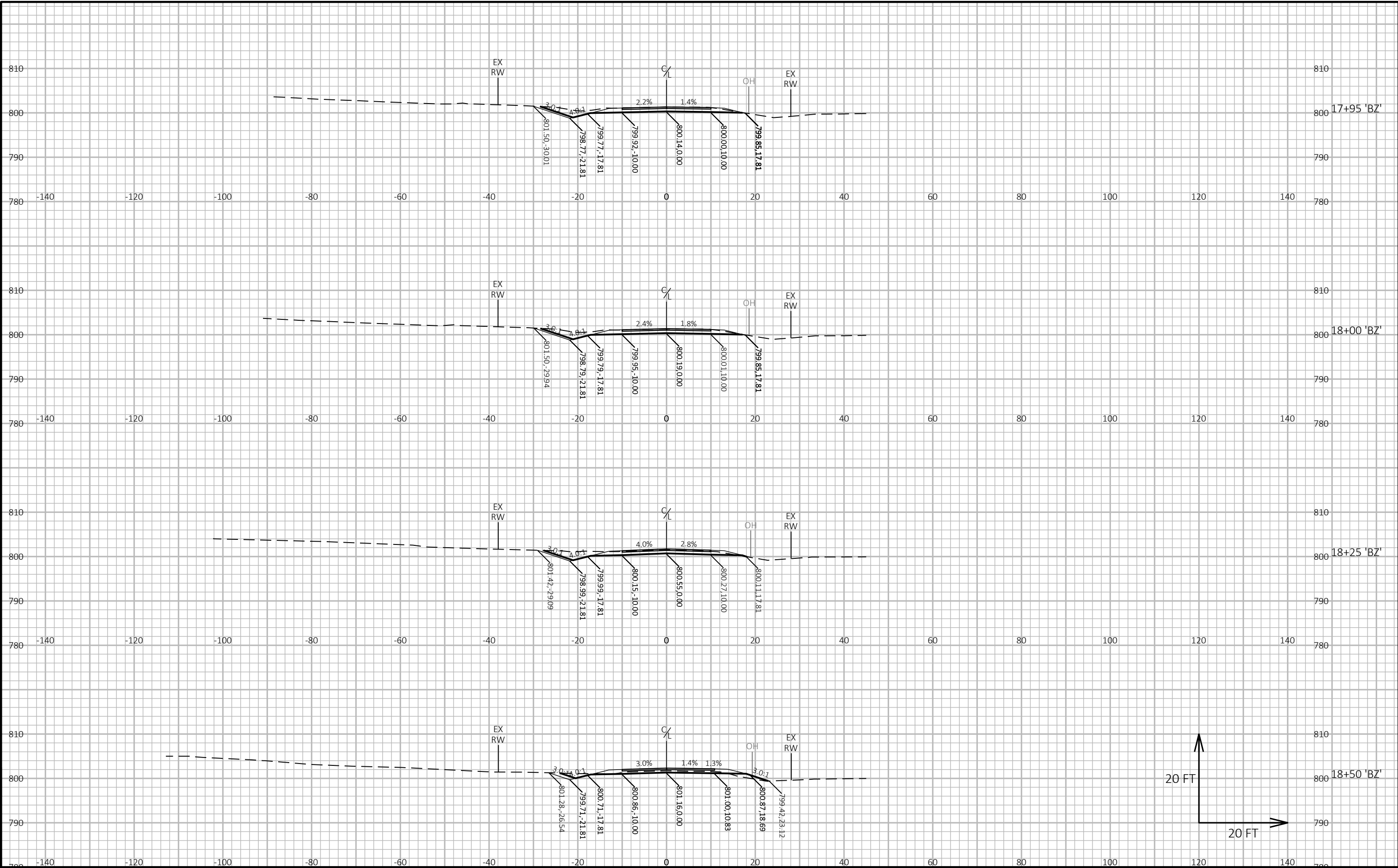


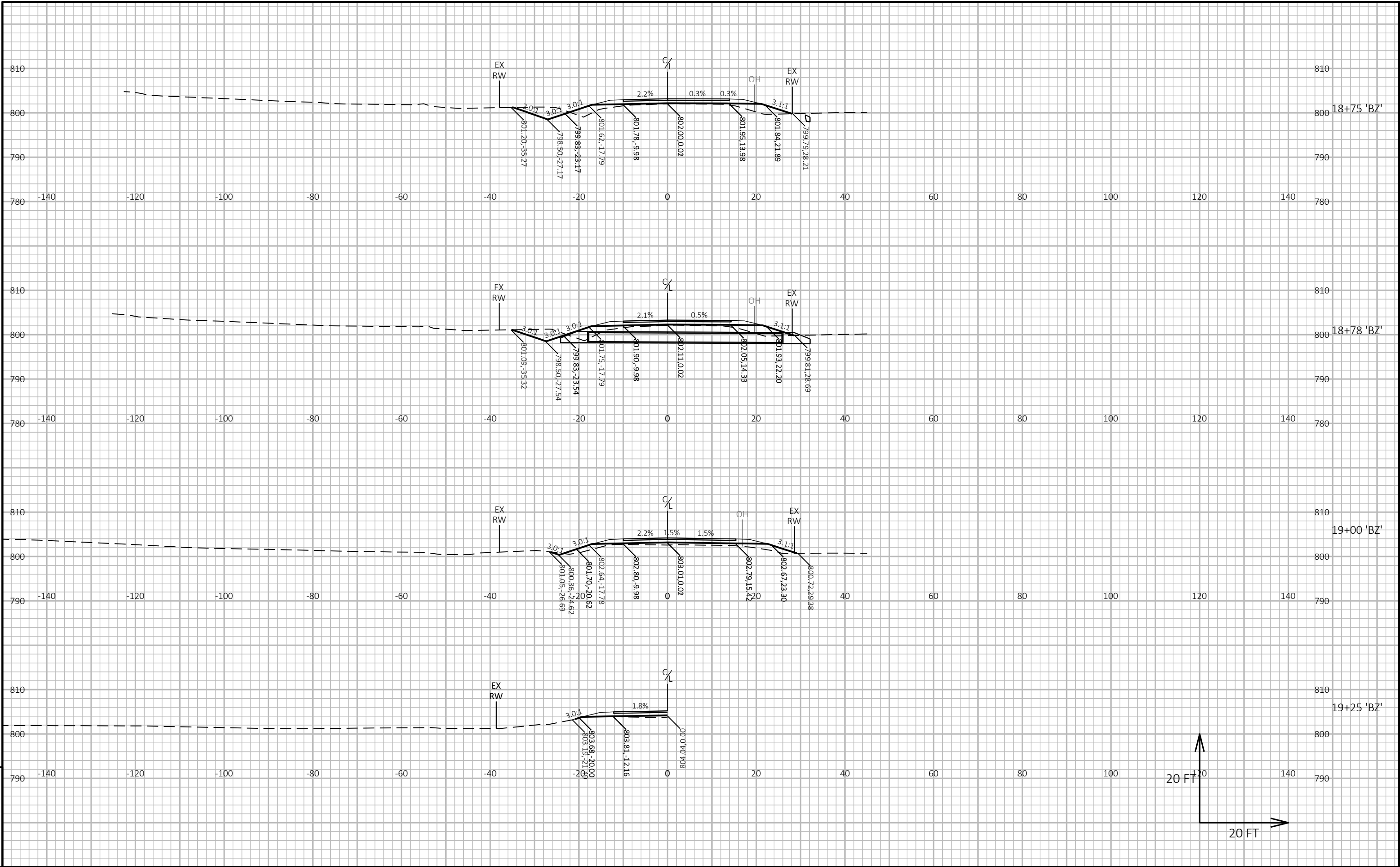


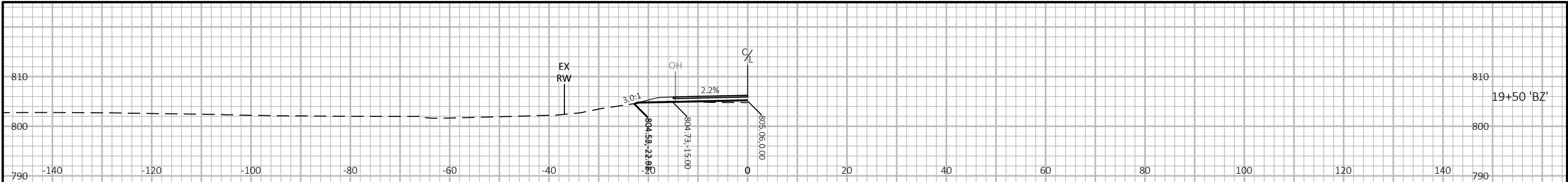
9

9

PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: CTH A	SHEET 357	E
------------------------	------------	-------------------	-----------------------	-----------	---



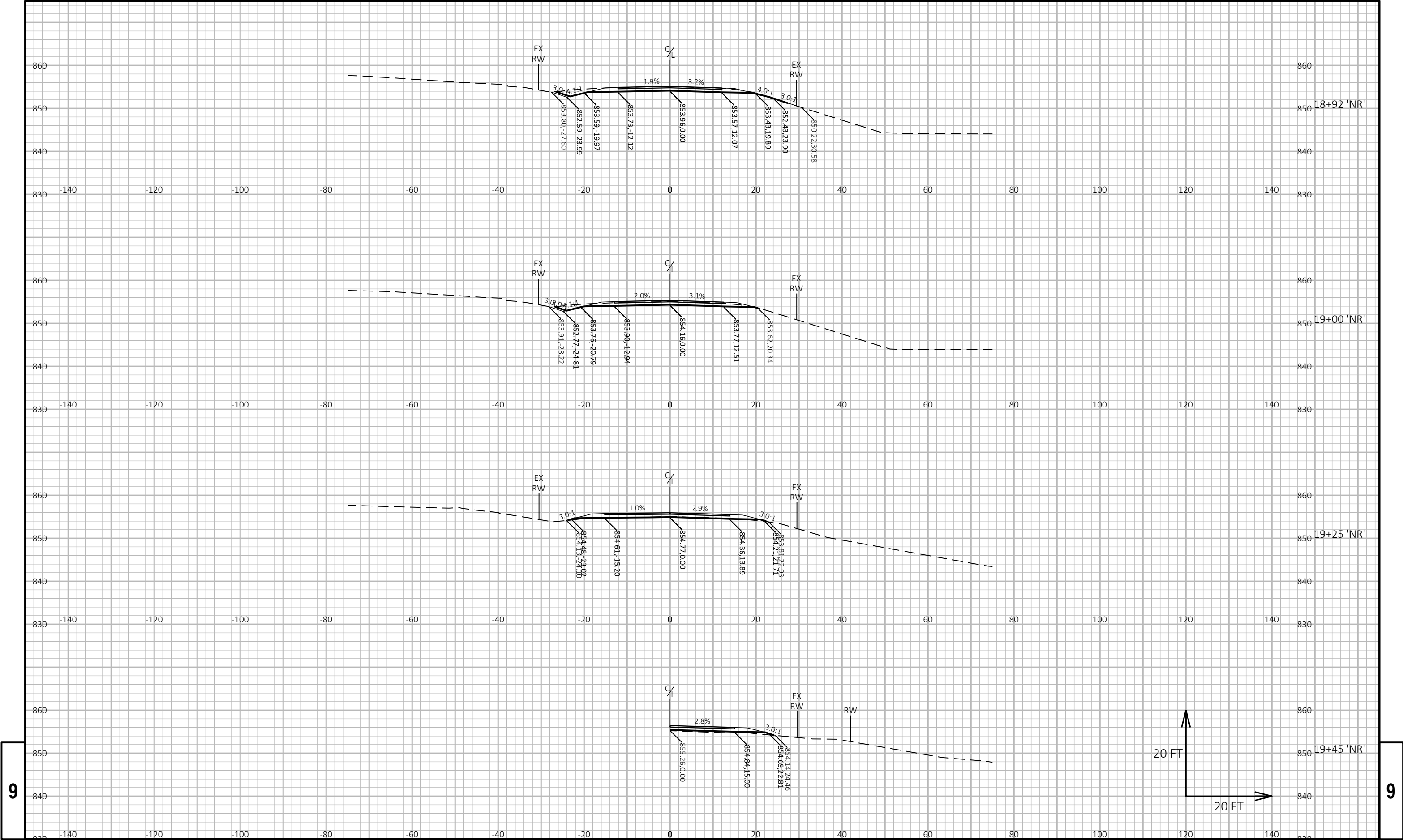




9

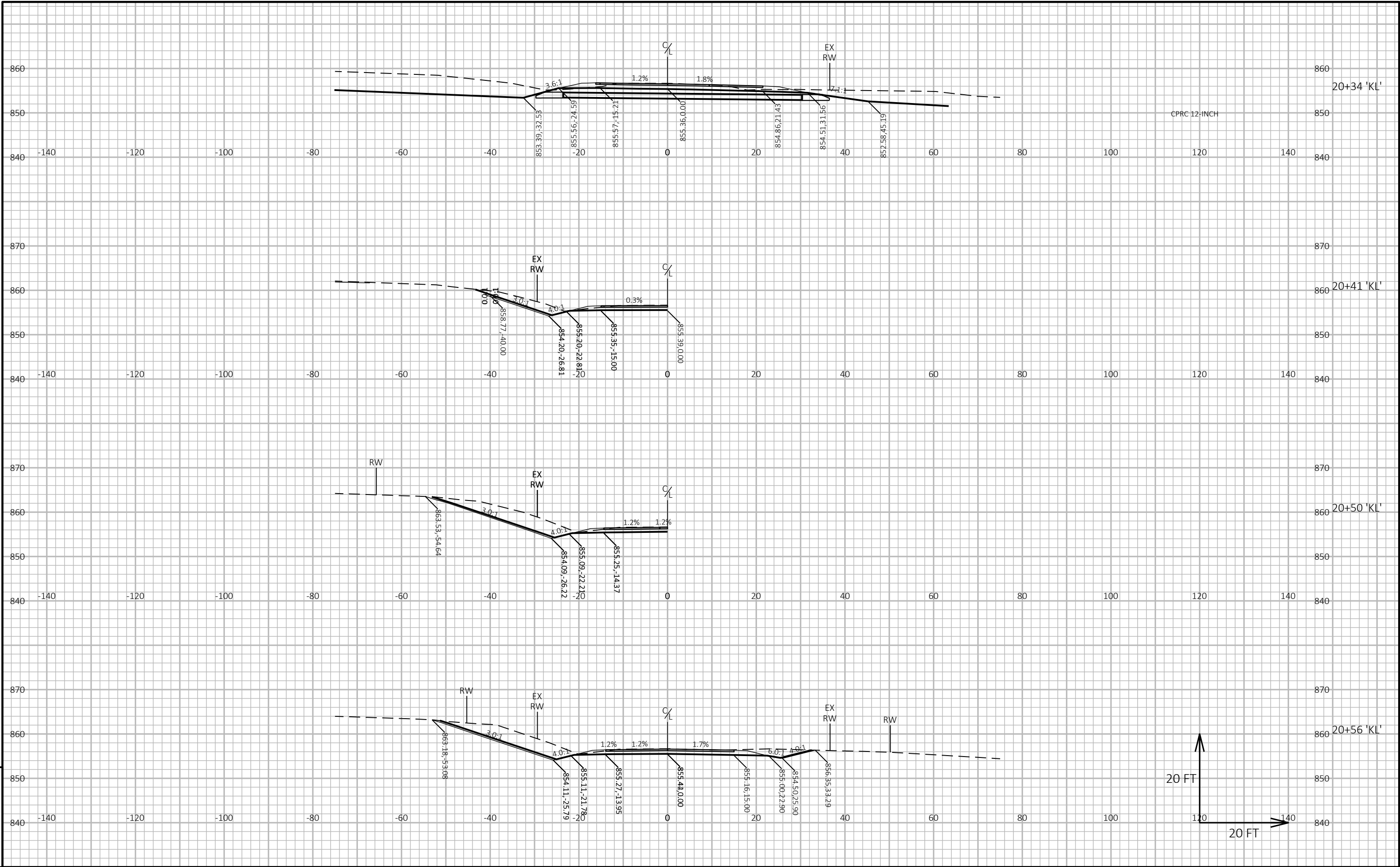
9

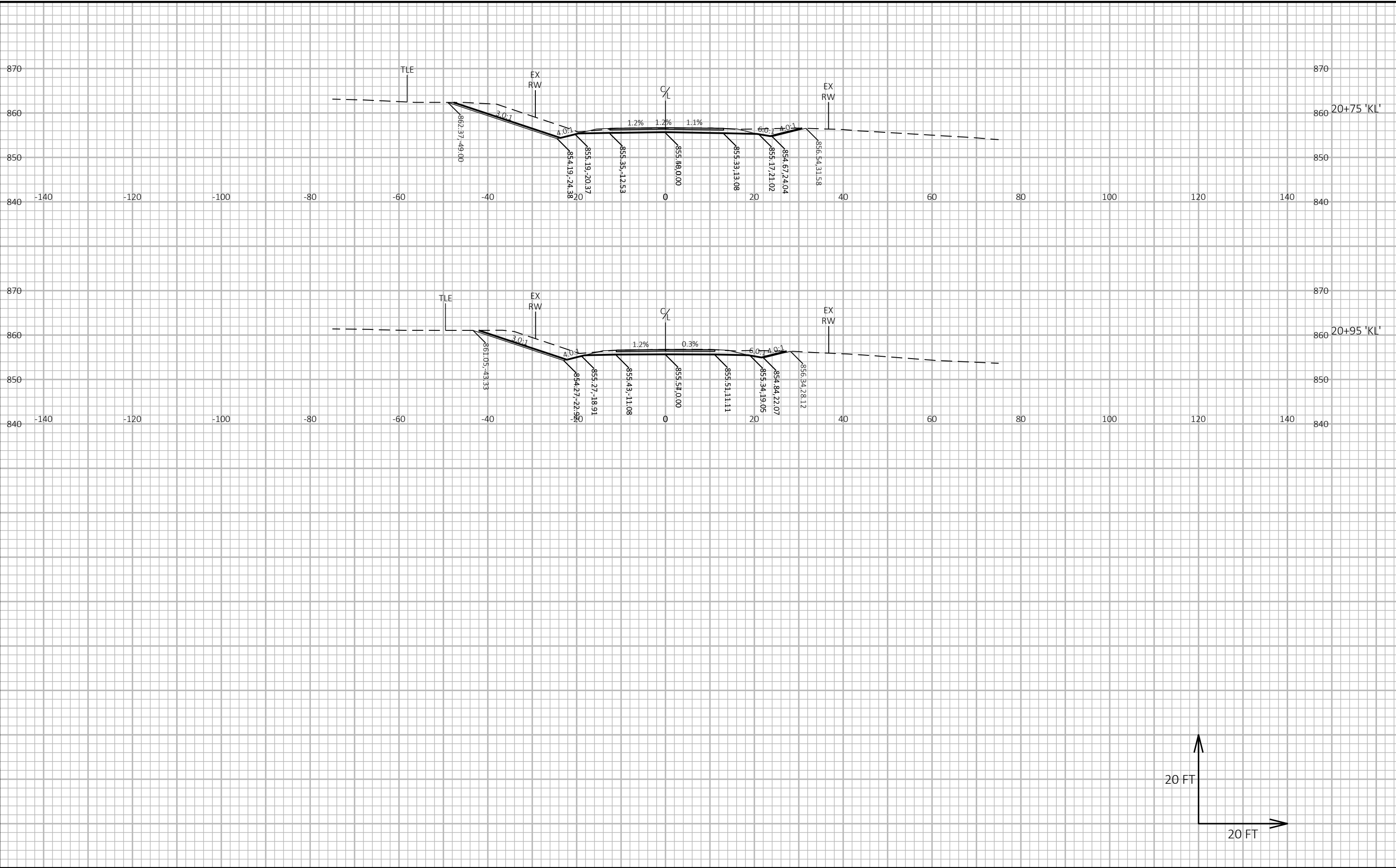
PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: BIZIAK LANE	SHEET 360	E
------------------------	------------	-------------------	-----------------------------	-----------	---



9

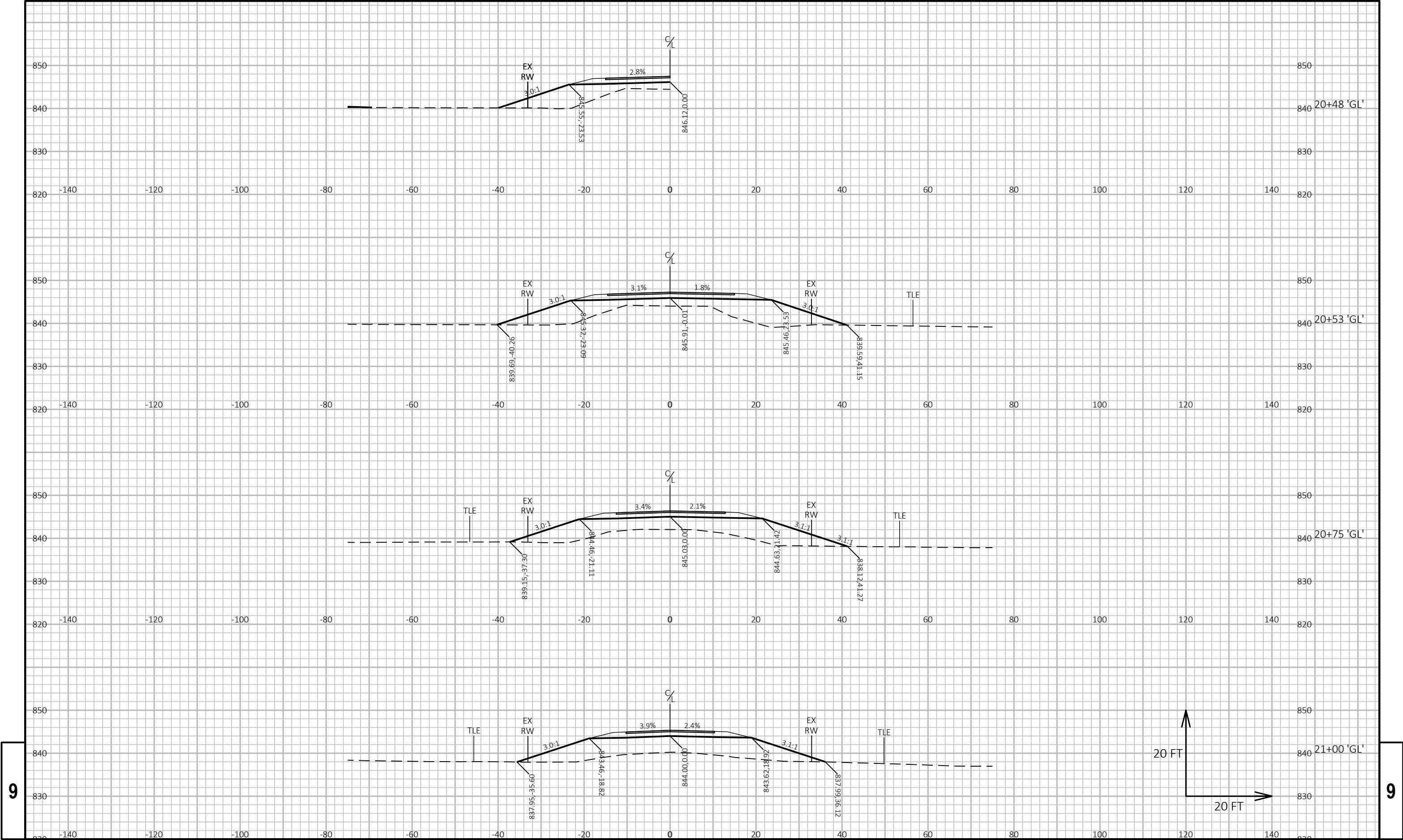
9





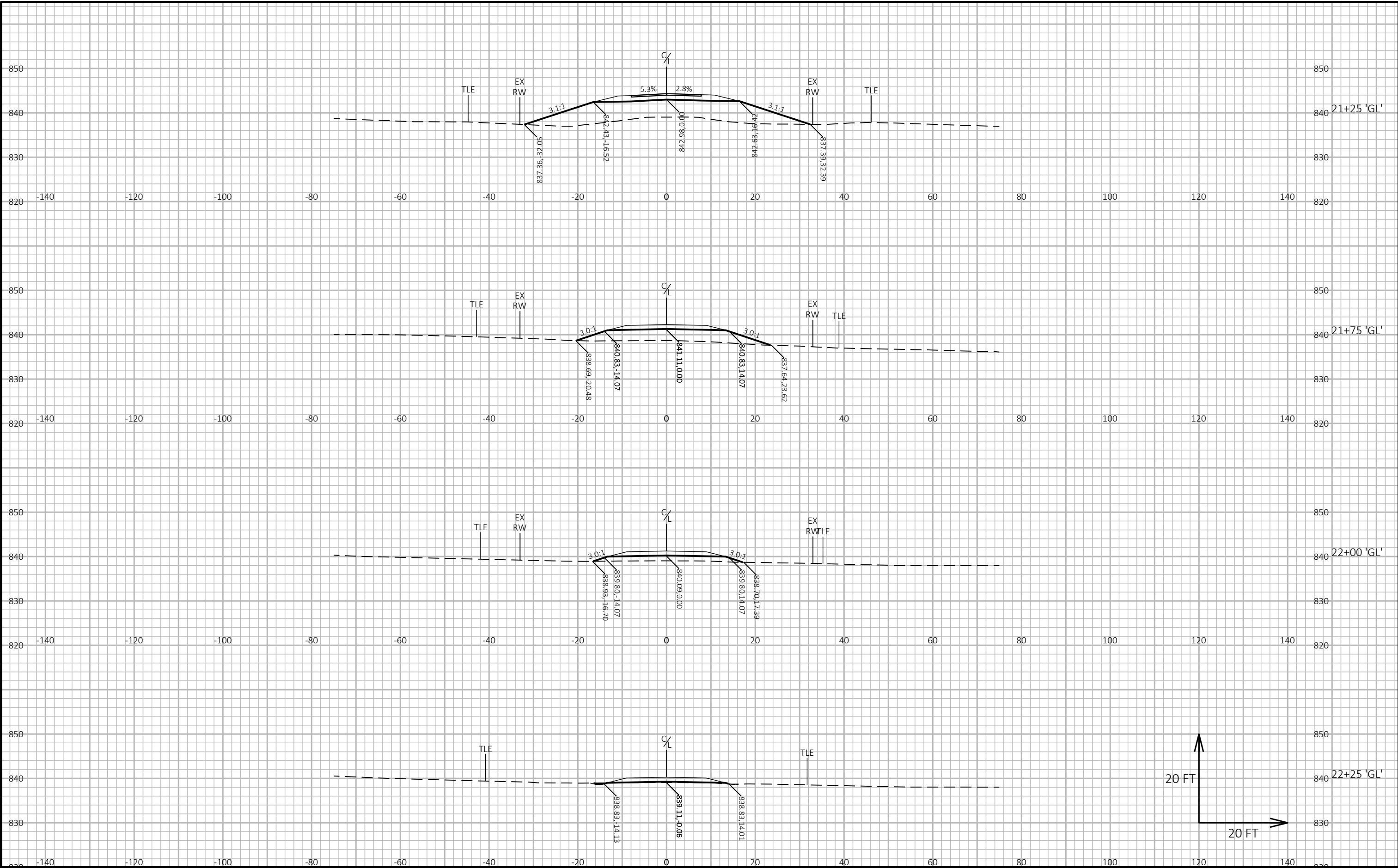
9

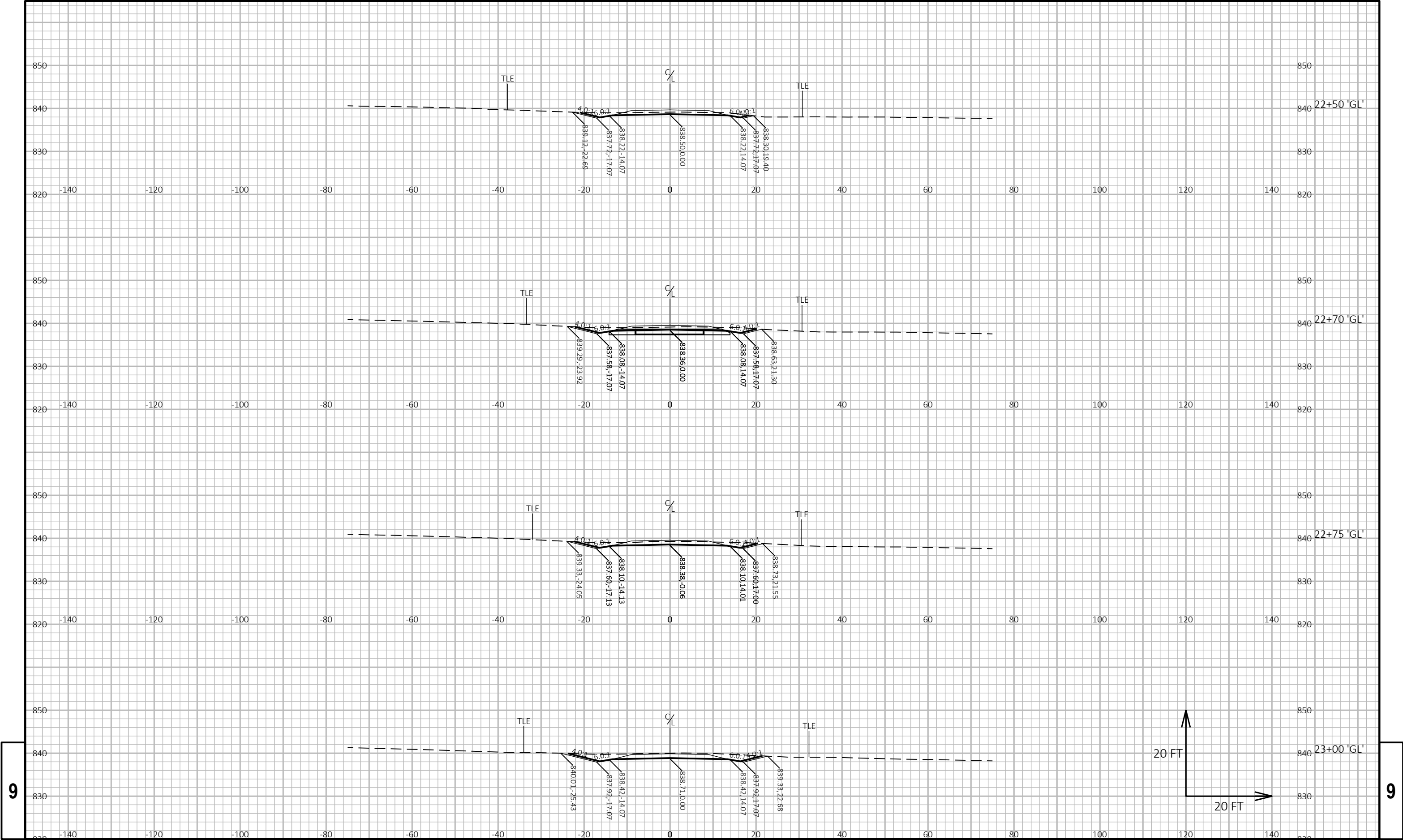
9



9

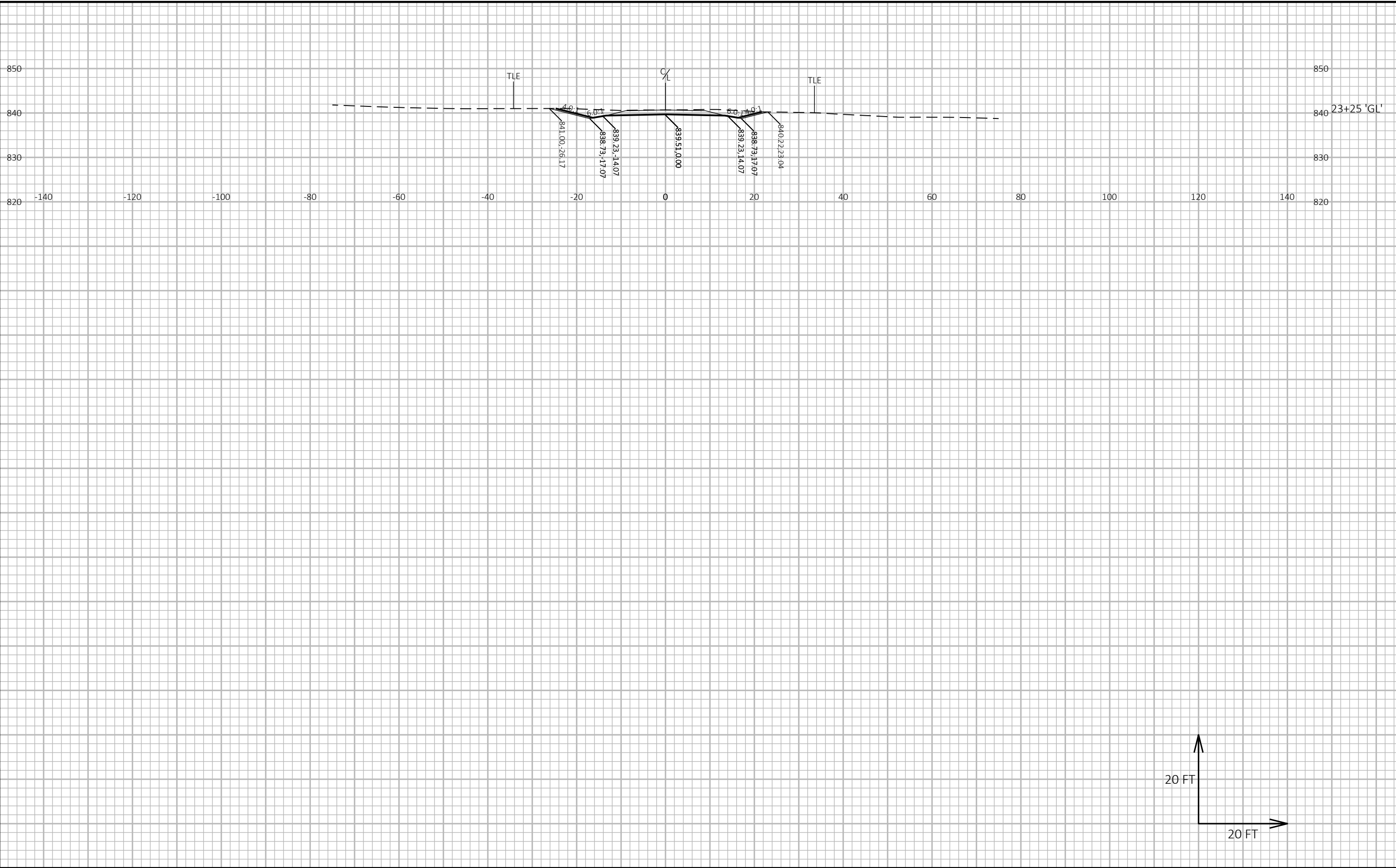
9





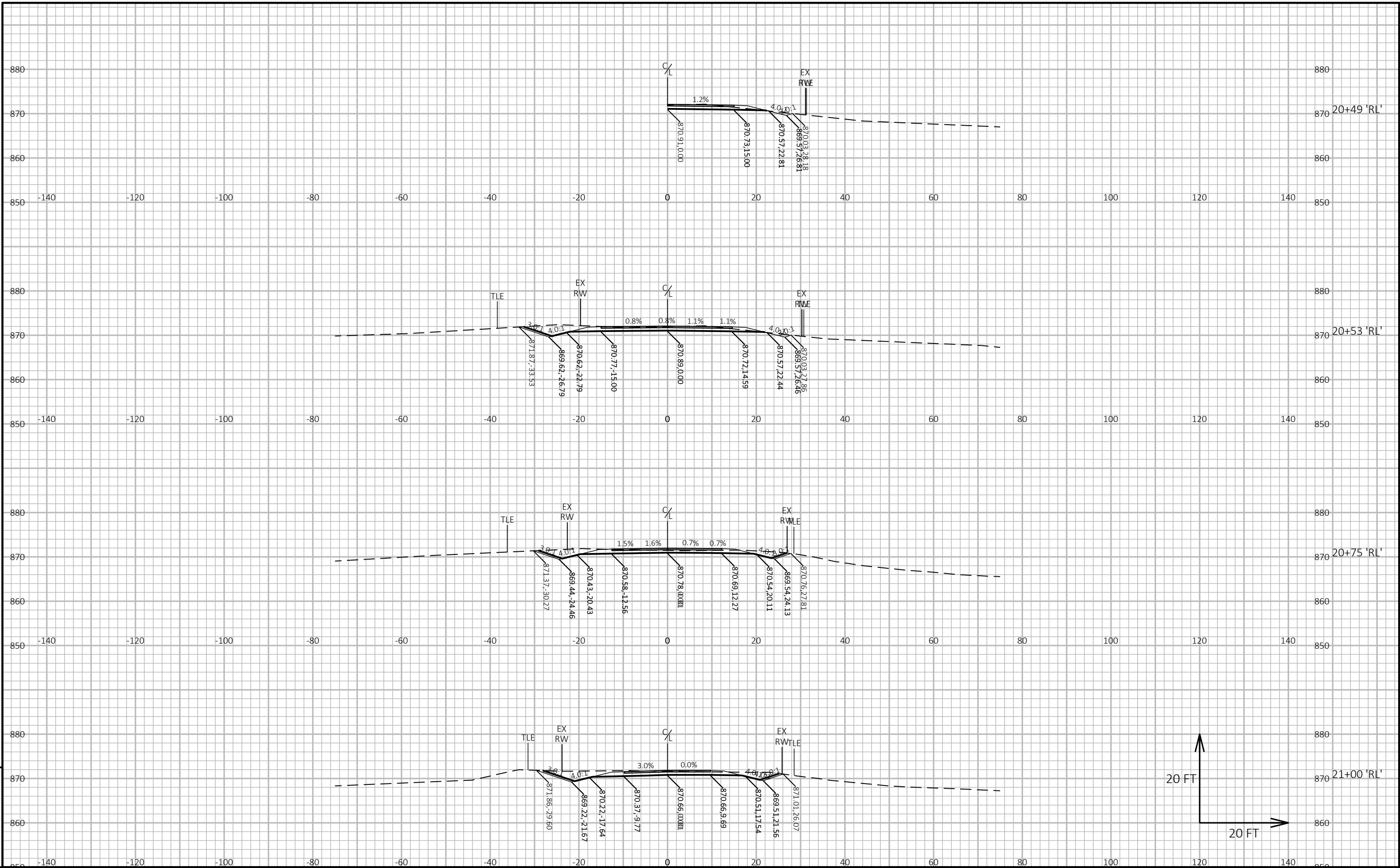
9

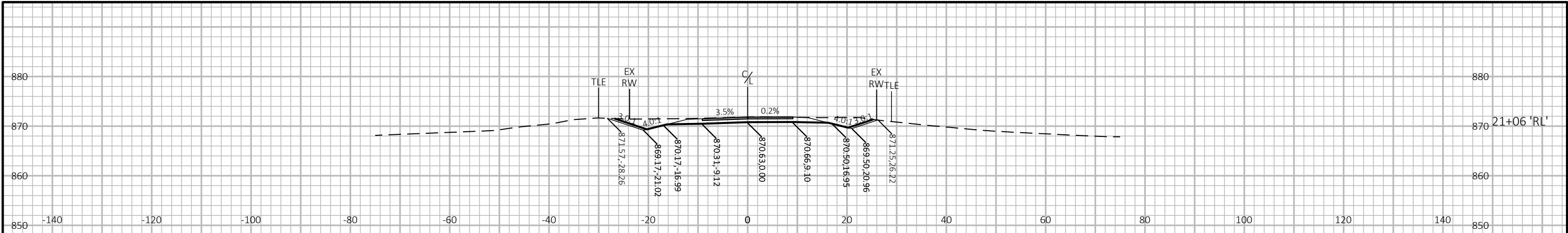
9



9

9

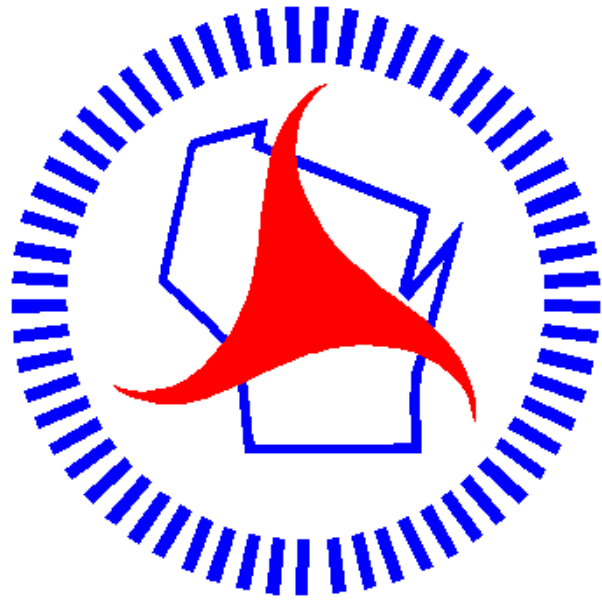




9

9

PROJECT NO: 9258-05-73	HWY: CTH A	COUNTY: MARINETTE	CROSS SECTIONS: ROYAL ANN LANE	SHEET 369	E
------------------------	------------	-------------------	--------------------------------	-----------	---



Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

<http://www.dot.wisconsin.gov>