MAD

NOVEMBER 2024

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 = 514

PROJECT ID: 5845-16-72

WITH: 5845-16-79

COUNTY: DANE

09

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

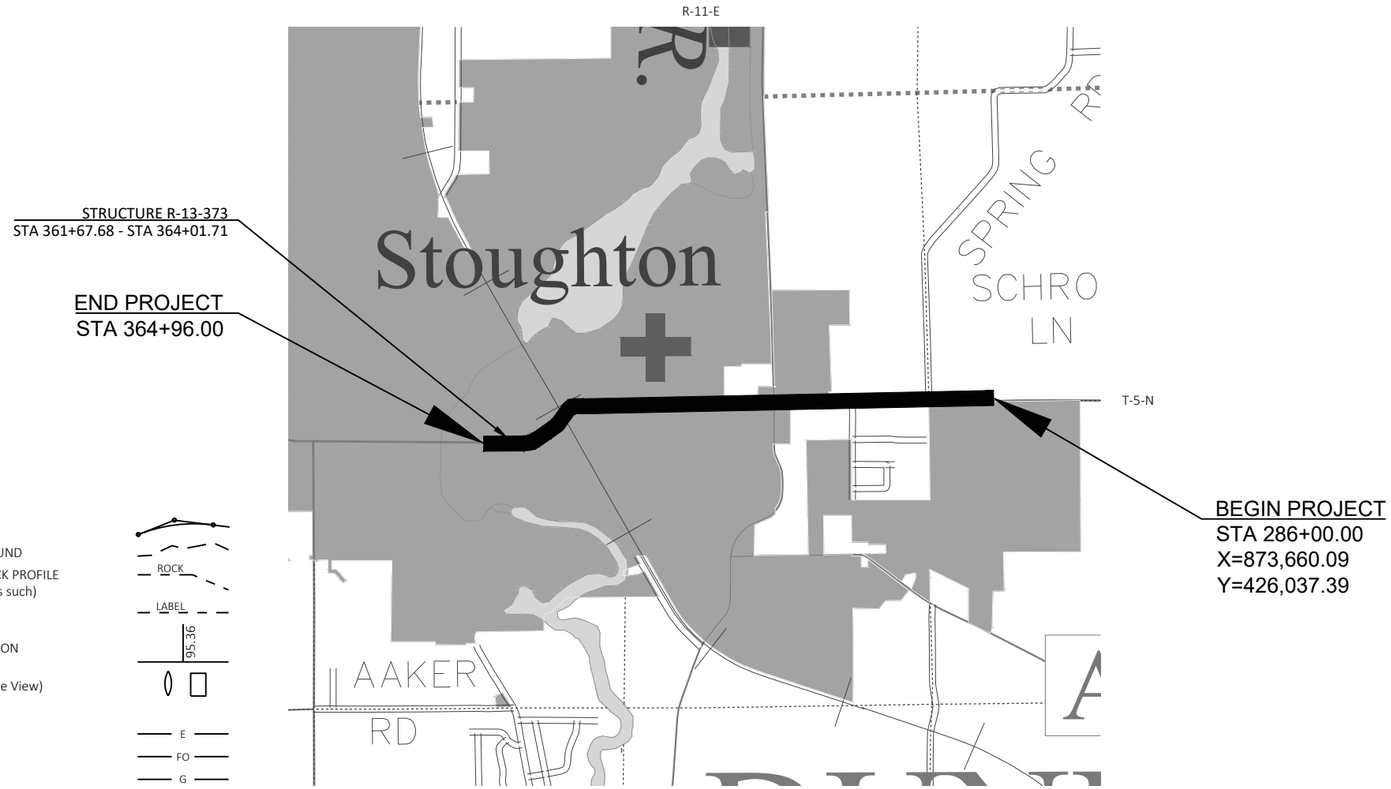
STOUGHTON - MADISON

SPRING RD TO FIFTH ST

USH 51
DANE COUNTY

STATE PROJECT NUMBER
5845-16-72

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5845-16-72	WISC 2025029	1



STRUCTURE R-13-373
STA 361+67.68 - STA 364+01.71

END PROJECT
STA 364+96.00

BEGIN PROJECT
STA 286+00.00
X=873,660.09
Y=426,037.39

LAYOUT
SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 1.495 MI

DESIGN DESIGNATION 5845-16-72

A.A.D.T.	2026	=	12,700
A.A.D.T.	2046	=	13,600
D.H.V.		=	1242
D.D.		=	59/41
T.		=	6.1%
DESIGN SPEED		=	30 - 60 MPH
ESALS		=	2,600,000

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 (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE
- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES
- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DANE 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 18.

ACCEPTED FOR

CITY OF STOUGHTON

Date 7-9-24 Signature and Title of Official: MMOR

ORIGINAL PLANS PREPARED BY

JT ENGINEERING

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

DATE: 3/28/2024 (Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	JT ENGINEERING, INC
Designer	BRAD GROH, P.E.
Project Manager	DAVID SCHMIDT, P.E.
Regional Examiner	SW REGION
Regional Supervisor	JENNIFER KOBRYN, P.E.

APPROVED FOR THE DEPARTMENT

DATE: David B Schmidt — Digitally signed by David B Schmidt Date: 2024.07.10 10:08:23-05'00' (Signature)

E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\010101-TI.DWG PLOT DATE : 7/12/2024 12:00 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

GENERAL NOTES

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.

INLETS SHALL HAVE INLET PROTECTION AS NECESSARY TO PREVENT CONSTRUCTION MATERIALS FROM FALLING INTO THE INLETS.

SAWCUTS, AS SHOWN ON THE PLANS, ARE AT SUGGESTED LOCATIONS AND MAY BE ADJUSTED AT THE DISCRETION OF THE ENGINEER TO BETTER SUIT FIELD CONDITIONS.

EROSION CONTROL ITEMS IN THE MISC. QUAN. ARE SUGGESTED. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD. MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY. PROTECT WETLANDS AND OTHER WATERWAYS THAT ARE PRESENT WITHIN THE PROJECT LIMITS.

CONTRACTOR WILL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY THEIR OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS.

TOPSOIL SHALL BE PLACED 1 INCH BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS.

THE QUANTITY OF THE ITEMS FOR EROSION PROTECTION INCLUDES AN UNDISTRIBUTED AMOUNT FOR PROTECTION, CONTROL, AND ABATEMENT OF WATER POLLUTION RESULTING FROM SOIL EROSION. THE DISTRIBUTION AND LOCATION OF THESE MATERIALS ARE TO BE DETERMINED BY THE ENGINEER.

THE ENGINEER SHALL ADJUST THE LOCATIONS OF ITEMS UNDER THIS CONTRACT TO AVOID CONFLICT WITH THE EXISTING UTILITY FACILITIES.

CONCRETE PAVEMENT REMOVAL INCLUDES THE REMOVAL OF ANY REINFORCEMENT IN THE EXISTING CONCRETE PAVEMENT.

RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = 18.15 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 14.44 ACRES

ROADWAY SOIL BORING SUMMARY TABLE

Boring #	STA.	Offset	Bituminous	Concrete	Sand/gravel	Subgrade
RW-1	292+45	28' RT	N/A	N/A	5' Sand	2.5' Gravel
RW-2	298+05	25' RT	N/A	N/A	2.5' Clay	2.5' Gravel
3	302+85	11' LT	8"	N/A	8" Base	3' Clay
4	308+00	10' RT	7"	N/A	8" Base	4.5' Clay
5	313+10	8' LT	7.5"	N/A	6" Base	3' Clay
6-Mono	319+60	48' RT	N/A	N/A	N/A	5.75' Clay
7	323+00	8' RT	8"	N/A	14" Base	4.2' Clay
8	328+50	11' LT	6"	6"	6" Base	1.5' Clay
9	334+10	9' RT	6"	N/A	10" Base	1.7' Gravel
10	340+55	7' LT	5.5"	N/A	6" Base	4' Clay
11	344+40	5' LT	6"	N/A	8" Recycled	5.8' Clay
12	348+40	6' RT	7"	N/A	7" Recycled	1.8' Sand
13	354+75	11' RT	7"	N/A	5" Base	2.5' Sand
14	362+15	14' RT	5.5"	N/A	7" Recycled	6' Sand
15	363+75	17' RT	6"	N/A	4" Recycled	6' Sand

NOTES:
DATE BORINGS TAKEN: 5/19/2022
FOR REFERENCE PURPOSES ONLY

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL DETAILS
PLAN DETAILS
PAVEMENT GRADES
CURB RAMPS
EROSION CONTROL
STORM SEWER
PERMANENT SIGNING
LIGHTING PLAN
TRAFFIC SIGNAL PLAN
PAVEMENT MARKINGS
TRAFFIC CONTROL
DETOUR PLAN
ALIGNMENT DETAILS

DESIGN CONTACTS

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DNR LIAISON

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DAVID.OBRIEN@TDSTELECOM.COM

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

2

2

N

MAIN STREET HISTORIC DISTRICT

DEPOT HILL HISTORIC DISTRICT

ENVIRONMENTALLY SENSITIVE AREA

EAST PARK HISTORIC DISTRICT

EAST SIDE HISTORIC DISTRICT

END PROJECT
STA 364+96.00
MATCH EXISTING
SAW CUT REQ'D

WISCONSIN AND SOUTHERN RAILROAD

S 7TH ST

S 6TH ST

FIFTH ST

CITY OF STOUGHTON

CITY OF STOUGHTON

CITY OF STOUGHTON

TOWN OF DUNKIRK

DELINEATED WETLAND

RACE TRACK RD

CTH A

CHALET DR

S HENRY ST

S MORRIS ST

S FRANKLIN ST

S ACADEMY ST

S LYNN ST

290

300

310

320

330

340

350

360

USH 51

RETAINAING WALL R-13-373
STA 361+67.68 - STA 364+01.71

SPRING RD

TOWN OF DUNKIRK

ASHBERRY LN

CTH N

AMUNDSON PKWY

N HENRY ST

N MORRIS ST

N FRANKLIN ST

CHURCH ST

N LYNN ST

HILLSIDE AVE

TOWN OF DUNKIRK

CITY OF STOUGHTON

CITY OF STOUGHTON

CITY OF STOUGHTON

BEGIN PROJECT
STA 286+00.00
MATCH EXISTING
SAW CUT REQ'D

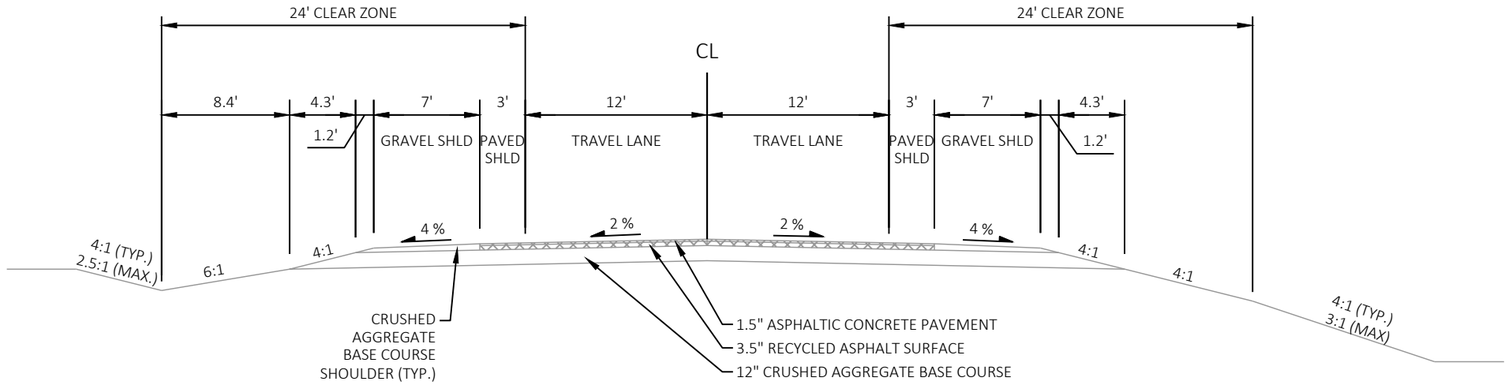
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020201-PO.DWG
LAYOUT NAME - 01

PLOT DATE : 7/12/2024 12:02 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:500 FT

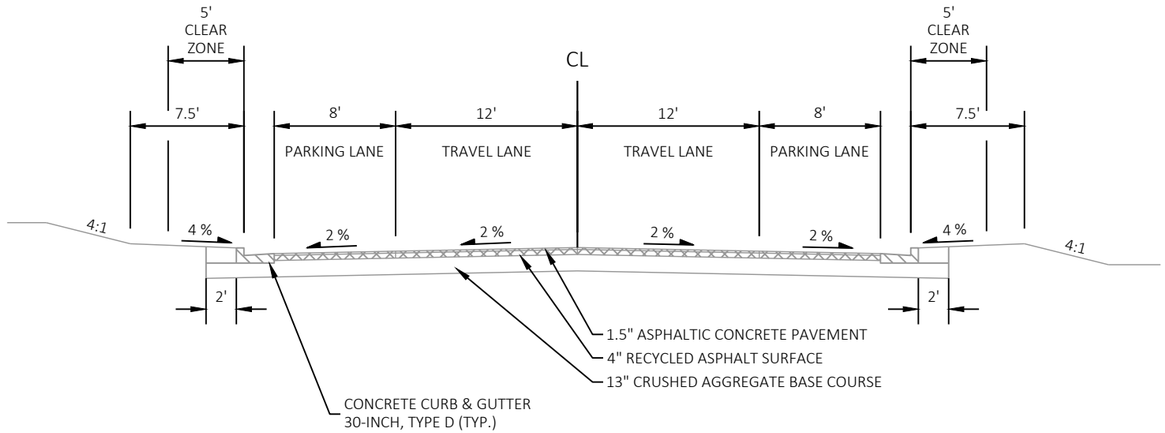
WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION - USH 51

STA 286+00 - 291+56

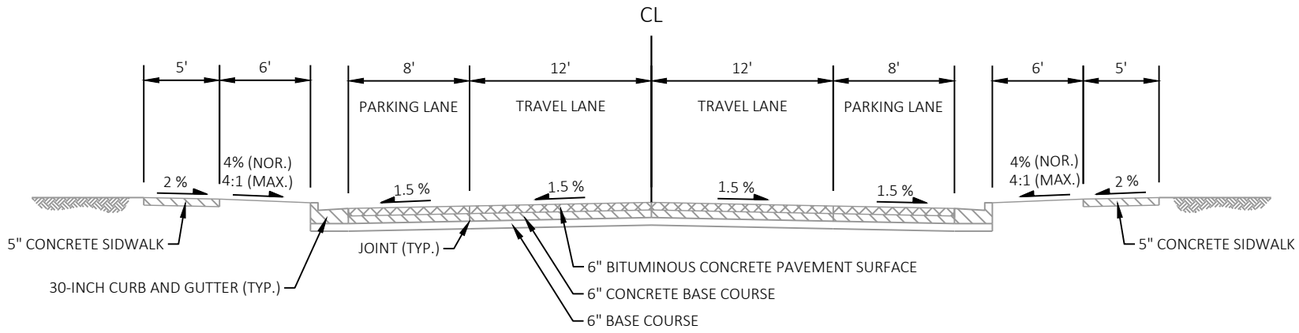


EXISTING TYPICAL SECTION - USH 51

STA 291+56 - 327+56

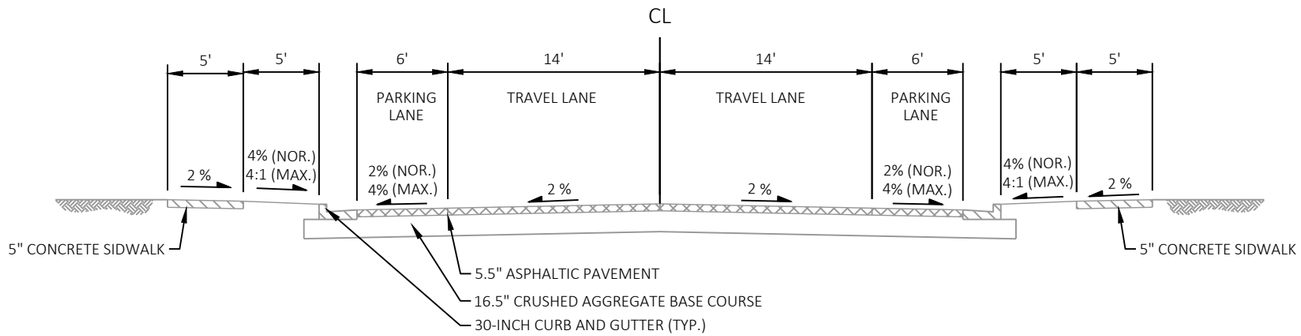
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 4	E

2



EXISTING TYPICAL SECTION - USH 51

STA 327+56 - 331+60



EXISTING TYPICAL SECTION - USH 51

STA 331+60 - 333+60
STA 338+85 - 342+14
STA 354+73 - 356+35

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 5	E

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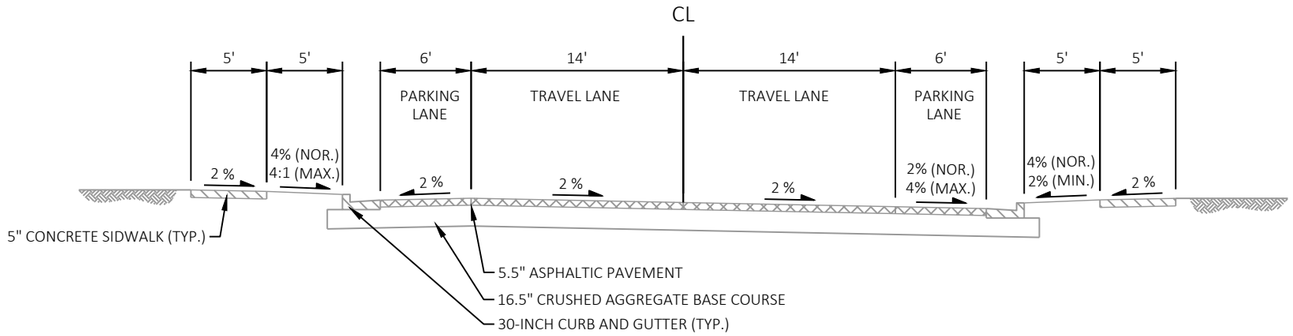
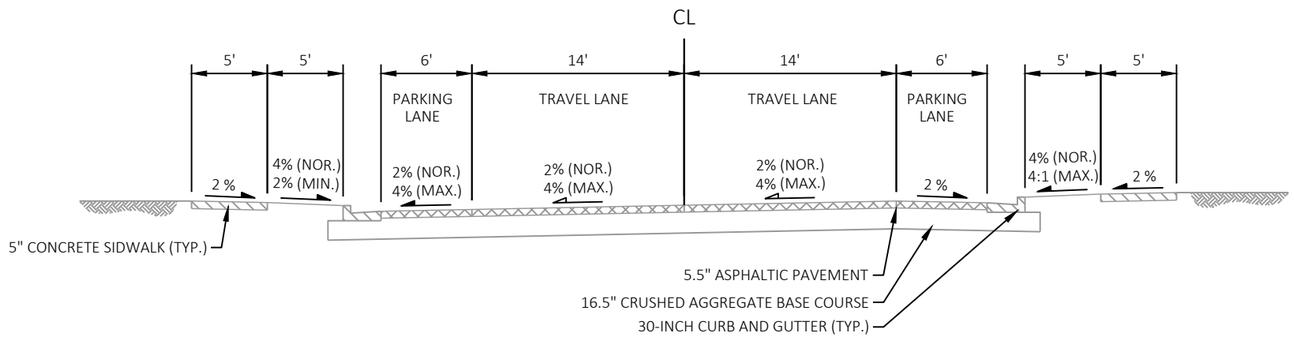


EXISTING TYPICAL SECTION - USH 51

STA 333+60 - 338+85



EXISTING TYPICAL SECTION - USH 51

STA 342+14 - 354+73

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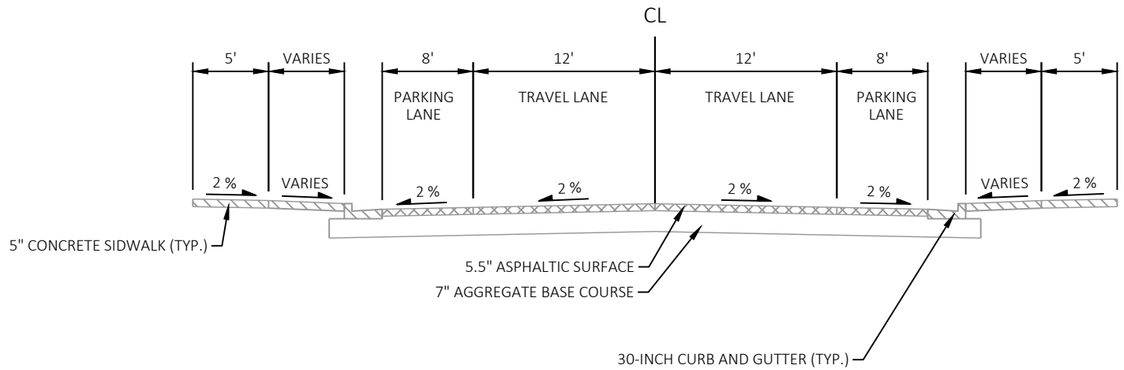
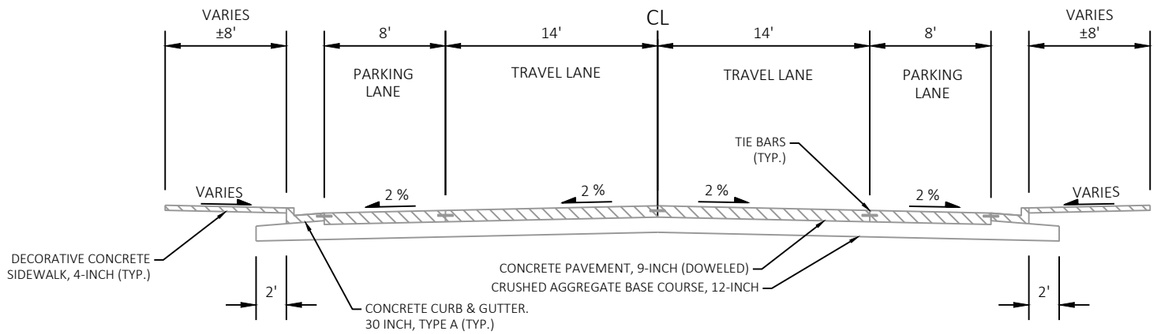


EXISTING TYPICAL SECTION - USH 51

STA 356+35 - 363+67



EXISTING TYPICAL SECTION - USH 51

STA 363+67 - 364+96

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 7	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - Existing 4

PLOT DATE : 7/12/2024 12:03 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT

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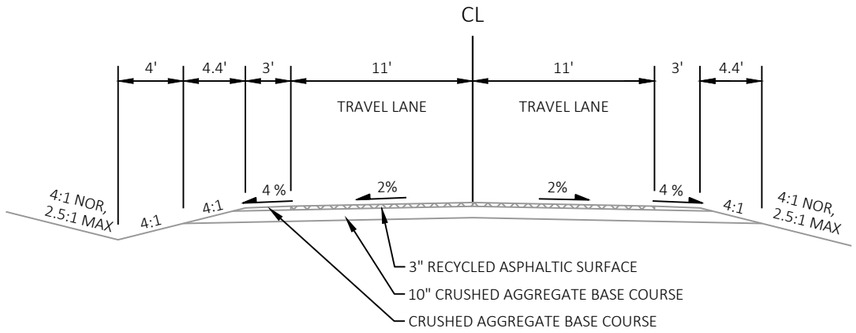
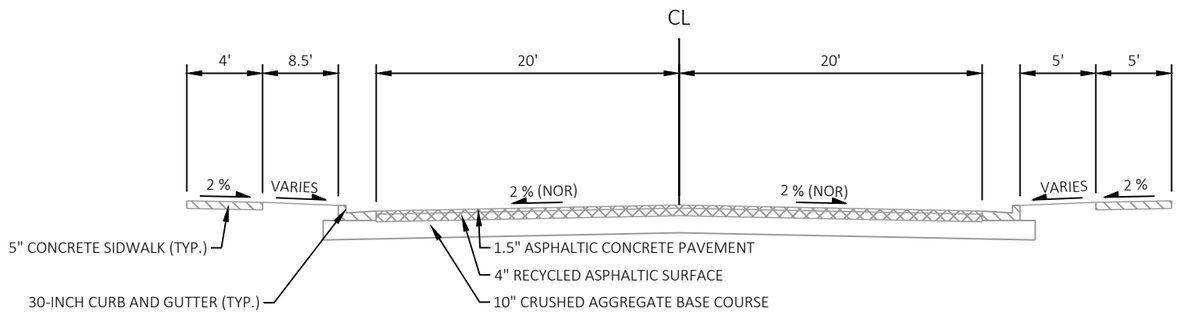


EXISTING TYPICAL SECTION - SPRING RD

STA 10+30 'SP' - 11+03 'SP'



EXISTING TYPICAL SECTION - CTH A

STA 8+20 'A' - 8+96 'A'

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 8	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - Existing 5

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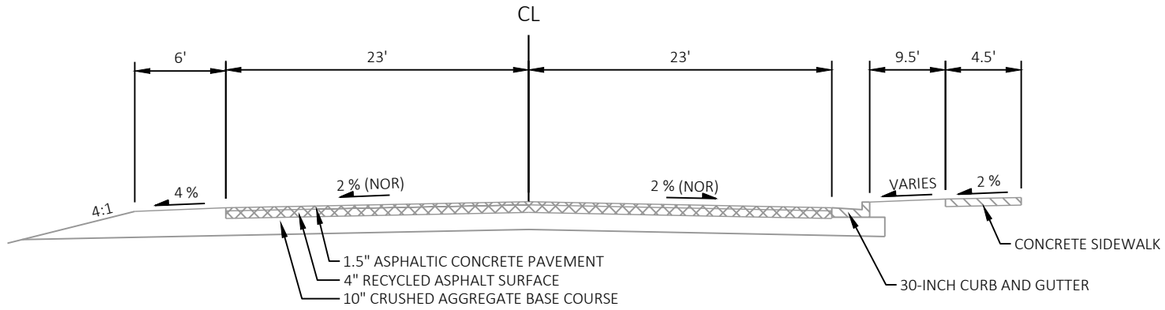
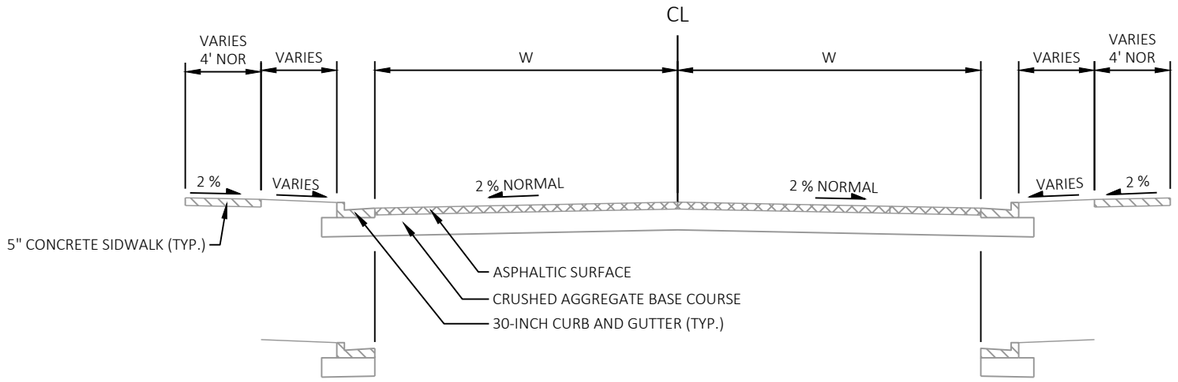


EXISTING TYPICAL SECTION - CTH N

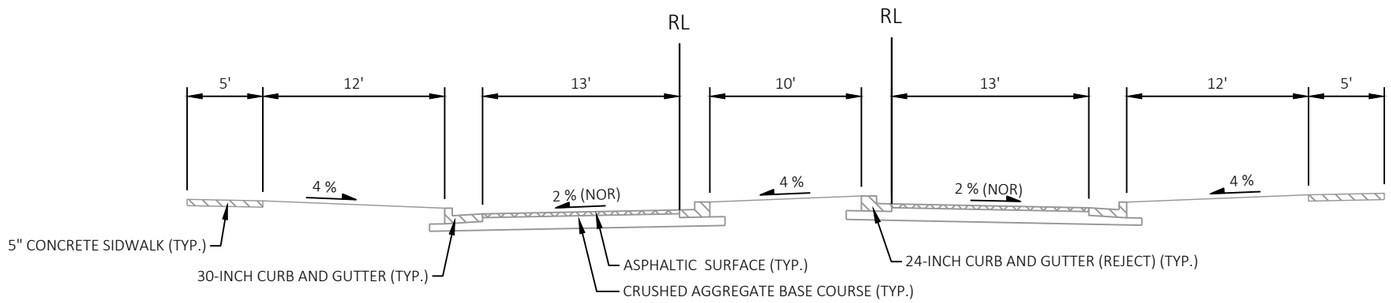
STA 11+18 'N' - 11+80 'N'



EXISTING TYPICAL SECTION - SIDEROADS

RACETRACK RD	N MORRIS ST	SEVENTH ST
ASHBERRY LN	S MORRIS ST	SIXTH ST
CHALET DR	N FRANKLIN ST	FIFTH ST
CHURCH ST	S FRANKLIN ST	
AMUNDSON PKWY	S ACADEMY ST	
N HENRY ST	N LYNN ST	
S HENRY ST	HILLSIDE AVE	

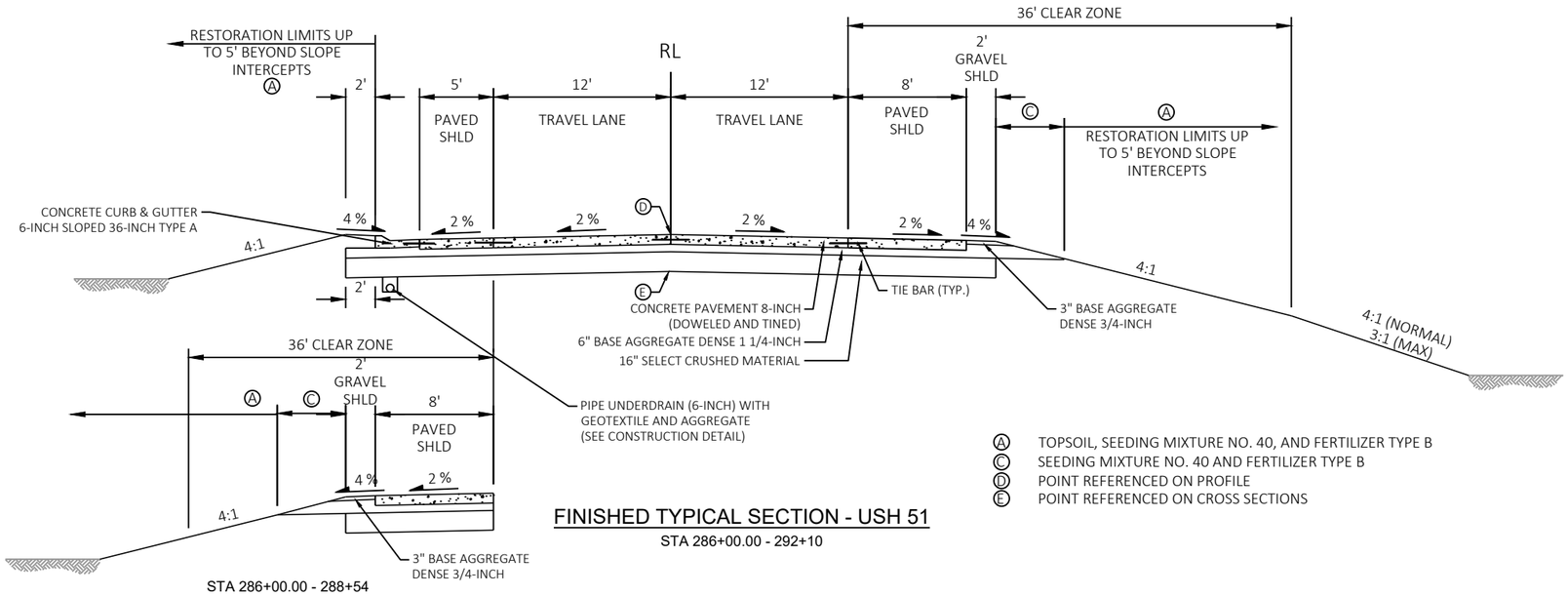
SIDEROAD	W (FT)
RACETRACK RD	VARIES 20.25' - 21.25'
ASHBERRY LN	17'
CHALET DR	17'
CHURCH ST	17'
AMUNDSON PKWY	20'
N HENRY ST	13'
S HENRY ST	10'
N MORRIS ST	13'
S MORRIS ST	13'
N FRANKLIN ST	15'
S FRANKLIN ST	15'
S ACADEMY ST	14'
N LYNN ST	14'
HILLSIDE AVE	VARIES 14' NORMAL
SEVENTH ST	12.75'
SIXTH ST	14'
FIFTH ST	16'



EXISTING TYPICAL SECTION - S LYNN ST

STA 9+20 'LY' - 9+32 'LY'

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 9	E

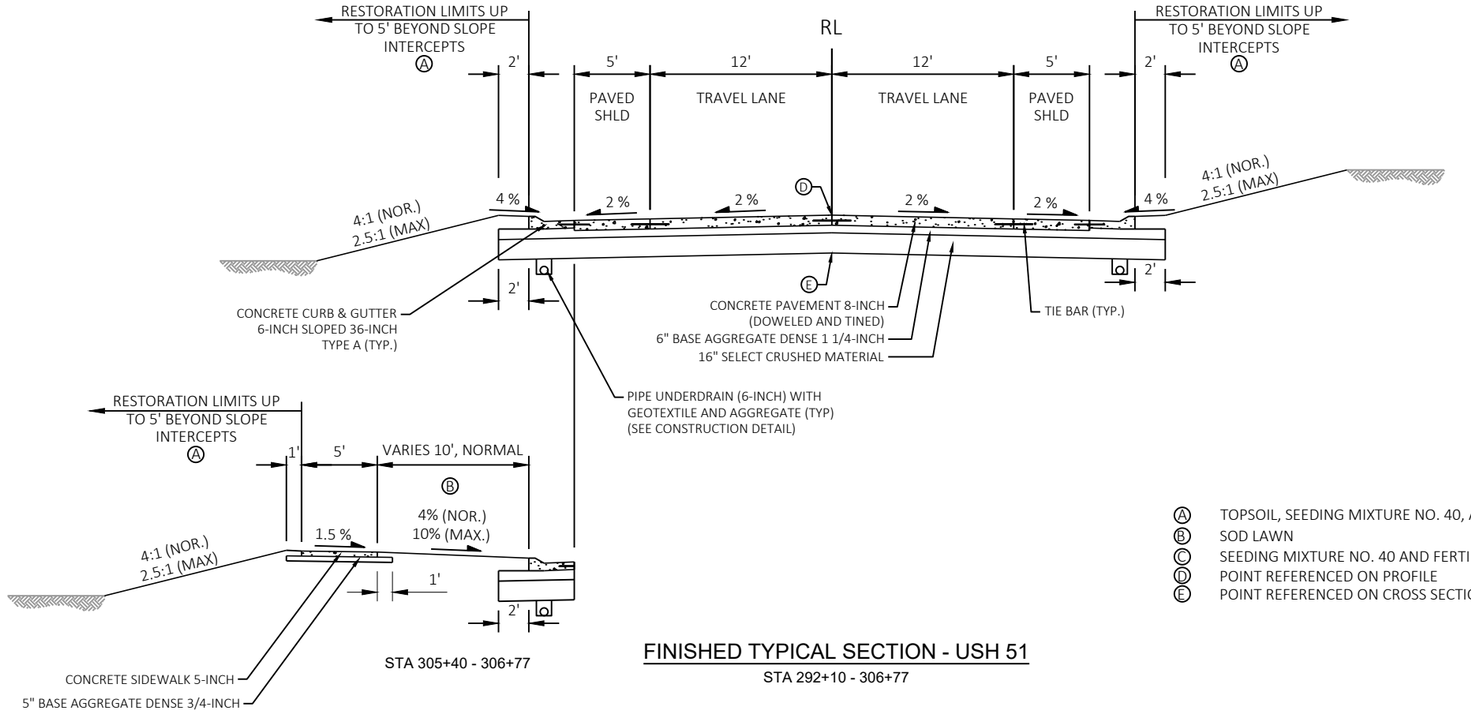


STA 286+00.00 - 288+54

FINISHED TYPICAL SECTION - USH 51

STA 286+00.00 - 292+10

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓒ SEEDING MIXTURE NO. 40 AND FERTILIZER TYPE B
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS



STA 305+40 - 306+77

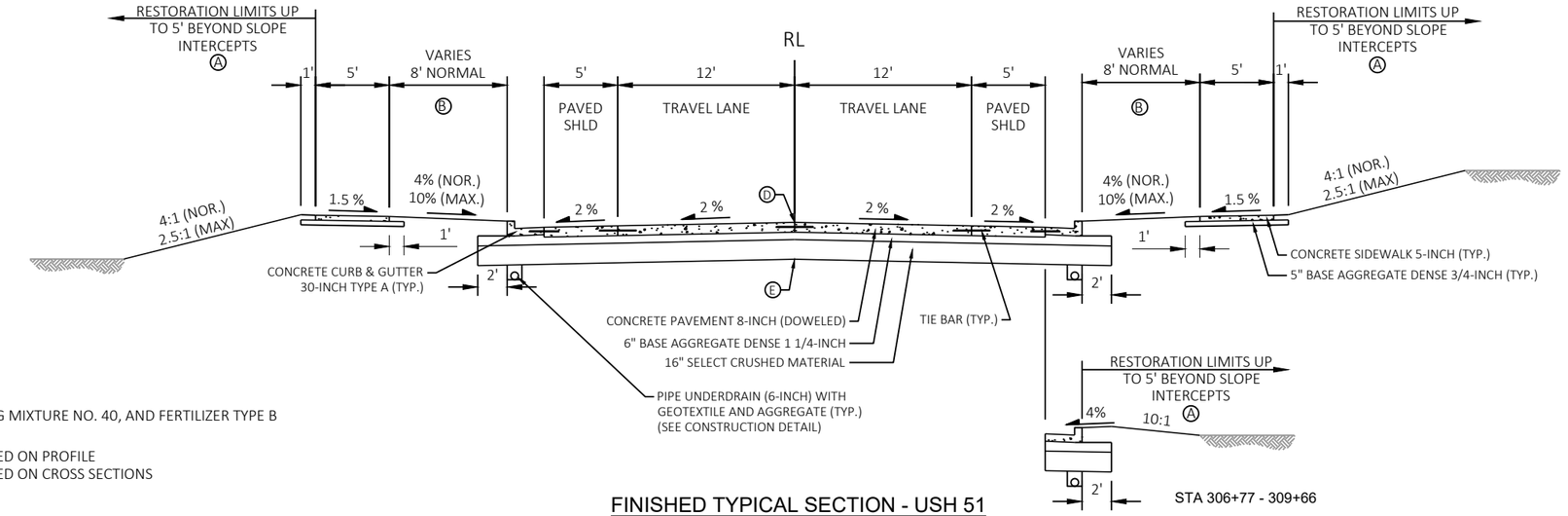
FINISHED TYPICAL SECTION - USH 51

STA 292+10 - 306+77

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓒ SEEDING MIXTURE NO. 40 AND FERTILIZER TYPE B
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 10	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - Finished 1
PLOT DATE : 9/27/2024 1:43 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

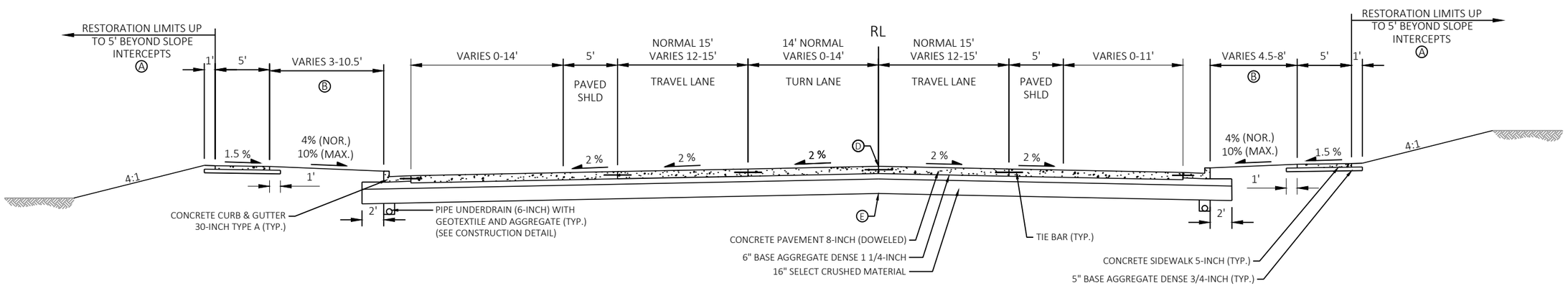


Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - USH 51

STA 306+77 - 314+35
STA 323+62 - 330+56
STA 332+88 - 338+16
STA 340+50 - 341+33

STA 306+77 - 309+66



Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - USH 51

STA 314+35 - 323+62

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 11	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
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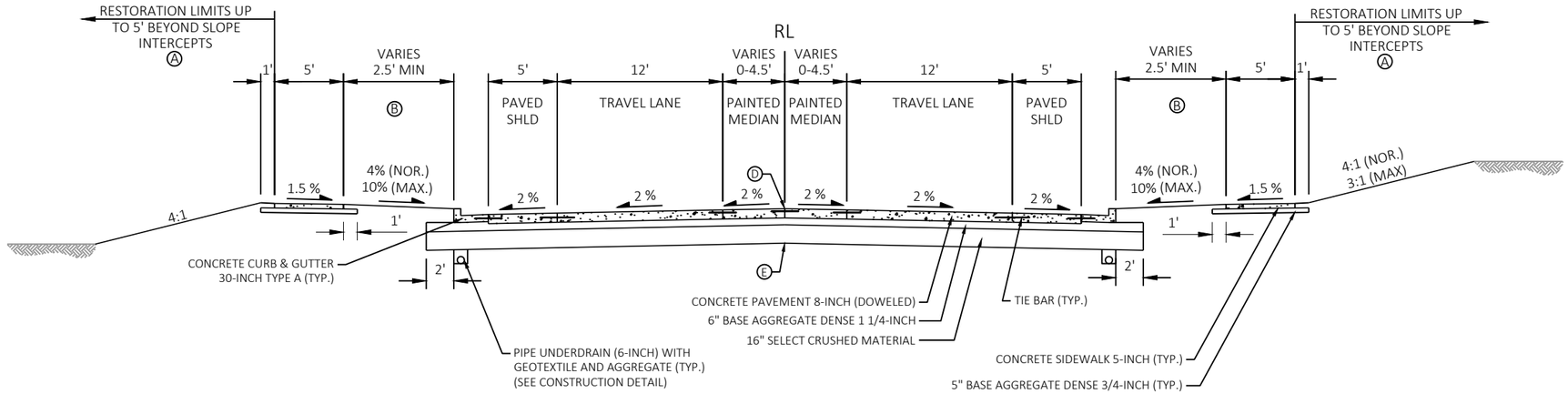
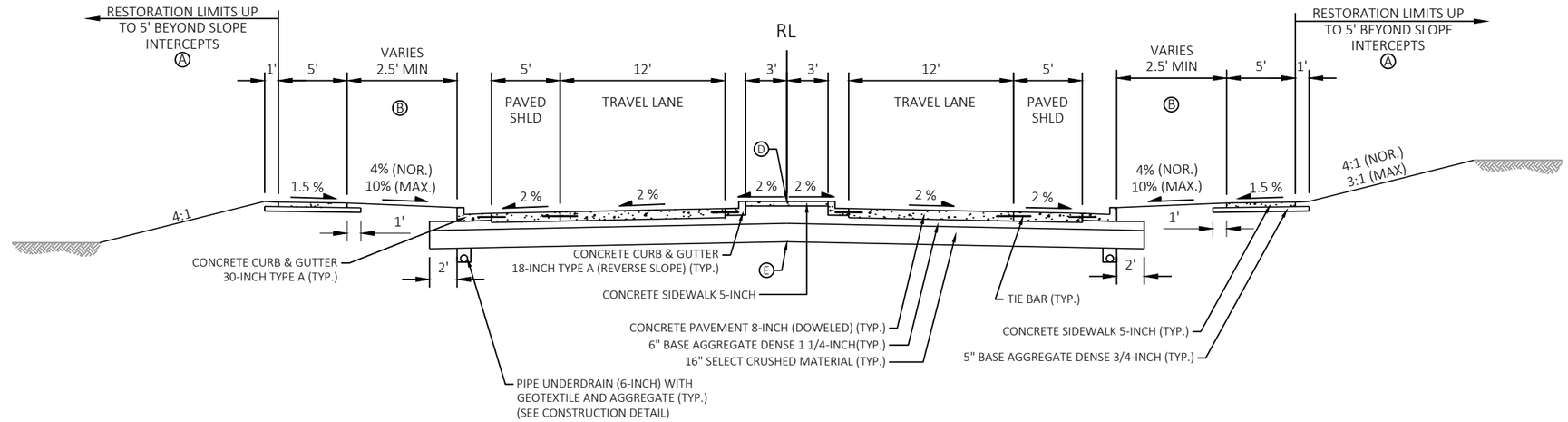
WISDOT/CADDS SHEET 42



Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - USH 51

STA 309+00 - 310+16
STA 310+56 - 311+76
STA 330+56 - 331+52
STA 331+92 - 332+88
STA 338+16 - 339+15
STA 339+55 - 340+50



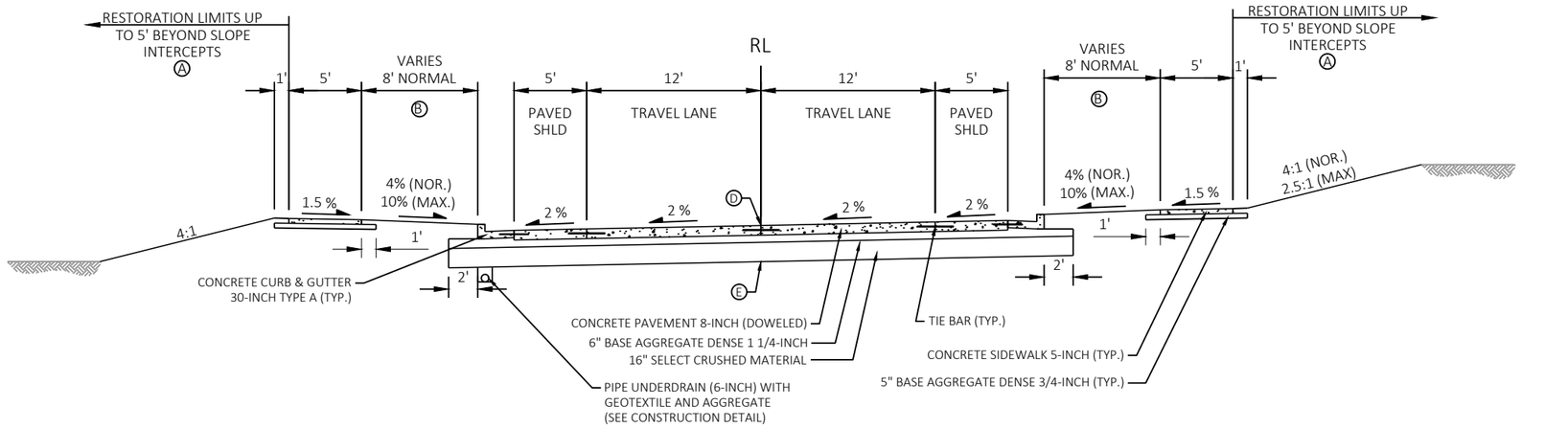
FINISHED TYPICAL SECTION - USH 51

STA 310+16 - 310+56
STA 331+52 - 331+92
STA 339+15 - 339+55

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 12	E

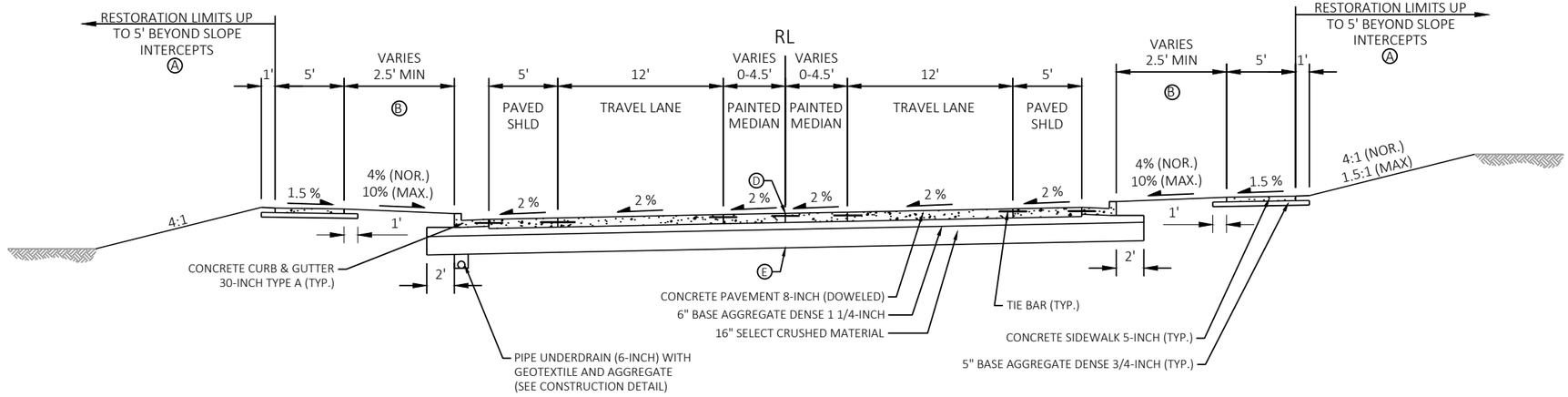
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - Finished 3
PLOT DATE : 9/27/2024 1:43 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT



Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - USH 51

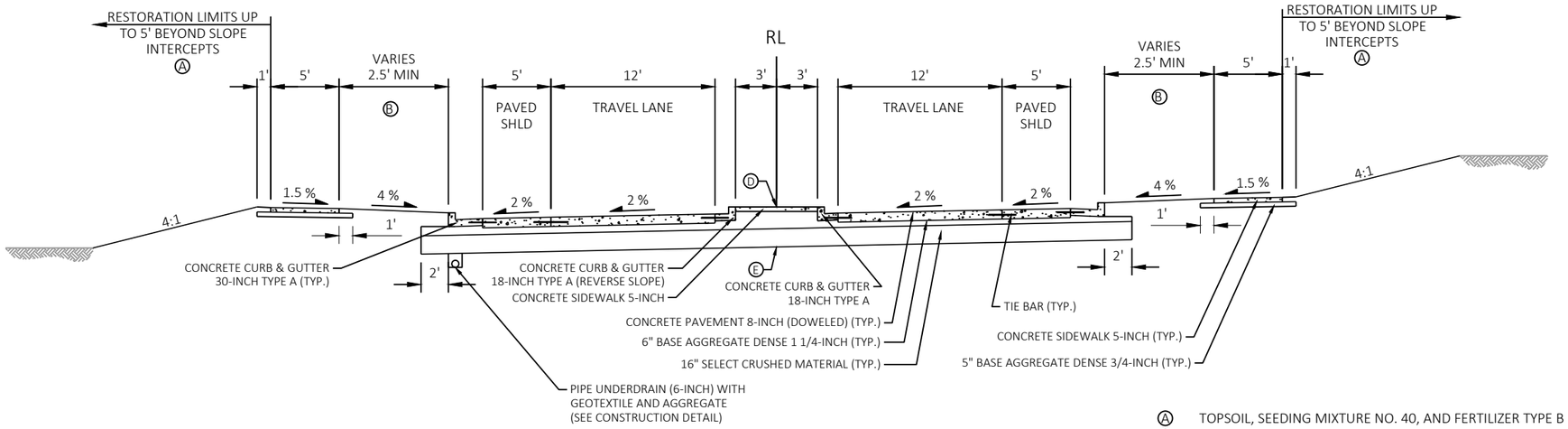
STA 341+33 - 345+54
STA 352+26 - 356+01



FINISHED TYPICAL SECTION - USH 51

STA 345+54 - 346+59
STA 351+31 - 352+26

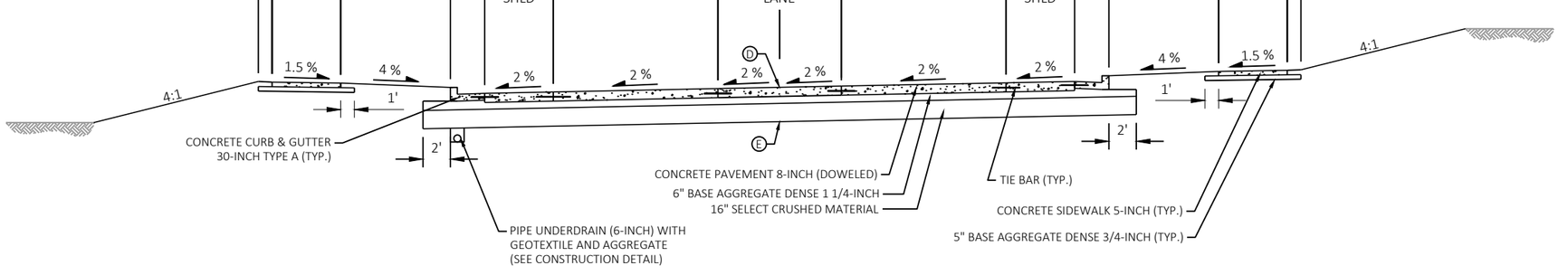
Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS



FINISHED TYPICAL SECTION - USH 51

STA 346+59 - 346+89
STA 350+91 - 351+31

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS



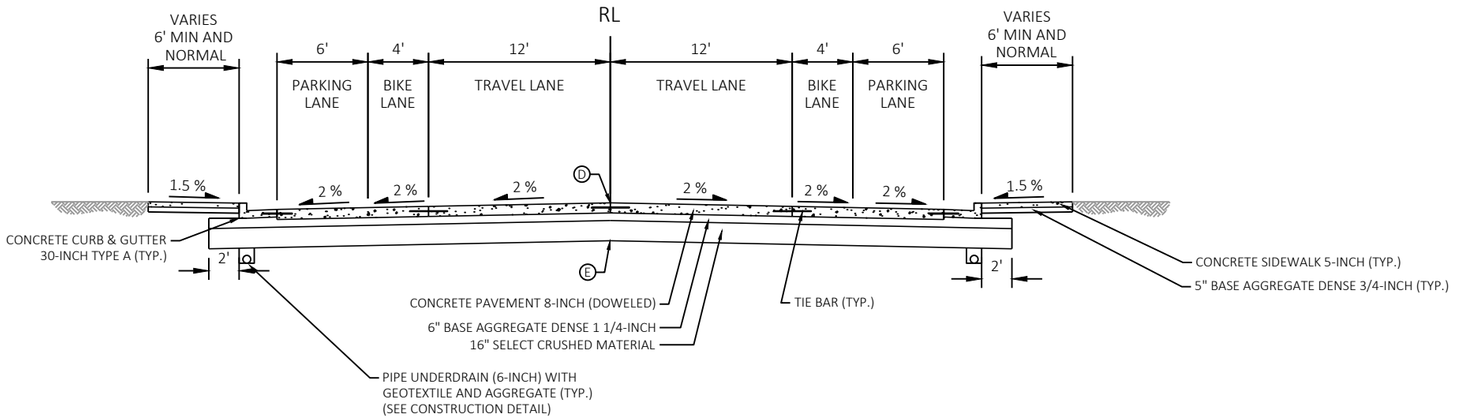
FINISHED TYPICAL SECTION - USH 51

STA 346+89 - 350+91

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 14	E

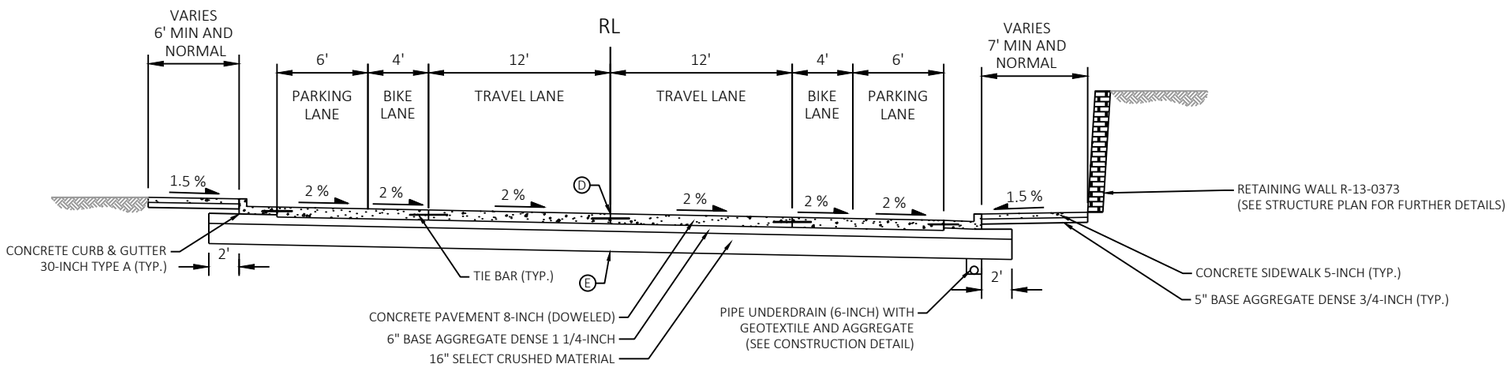
2



Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - USH 51

STA 356+91 - 362+02
STA 364+02 - 364+96



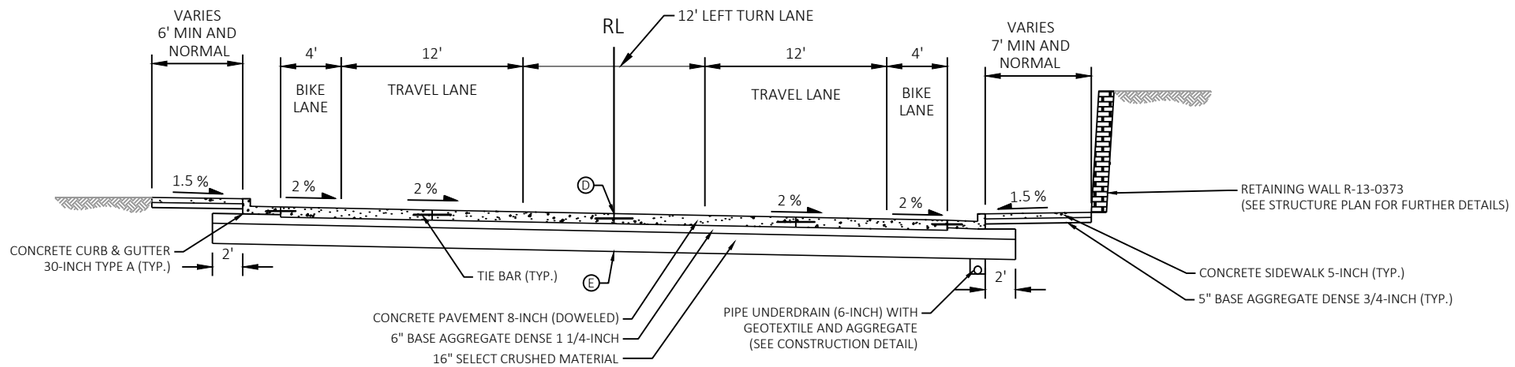
FINISHED TYPICAL SECTION - USH 51

STA 362+02 - 362+88

Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 15	E

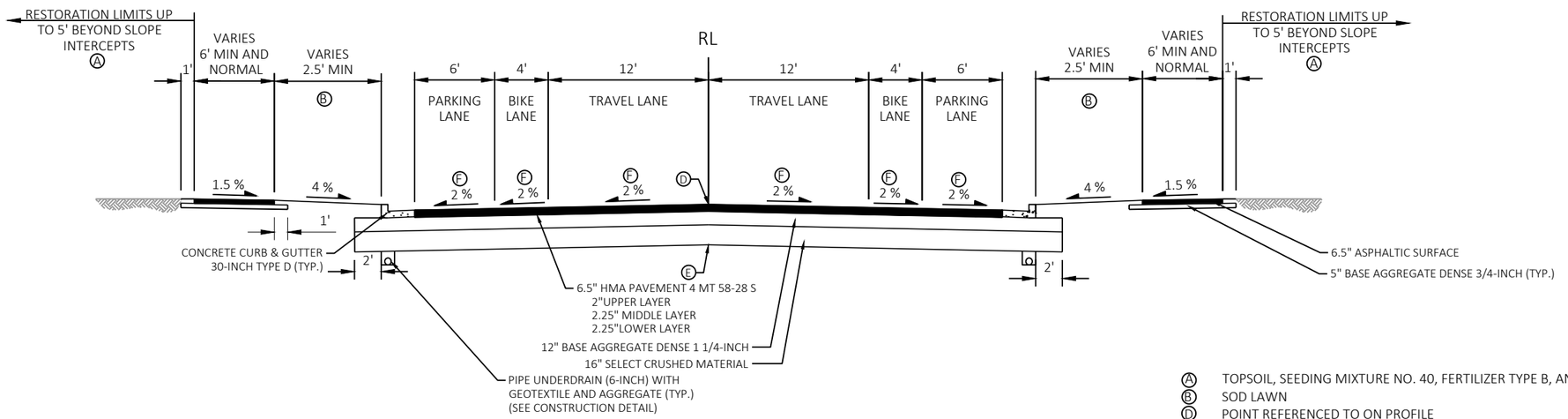
2



FINISHED TYPICAL SECTION - USH 51

STA 362+88 - 364+02

Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS



FINISHED TYPICAL SECTION - USH 51

STA 356+01 - 356+35
STA 356+59 - 356+91

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, FERTILIZER TYPE B, AND MULCH
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED TO ON PROFILE
Ⓔ POINT REFERENCED TO ON CROSS SECTIONS
Ⓕ TRANSITIONS TO 0% AT RAILROAD CROSSING

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 16	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - Finished 6.5
PLOT DATE : 9/27/2024 1:43 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT

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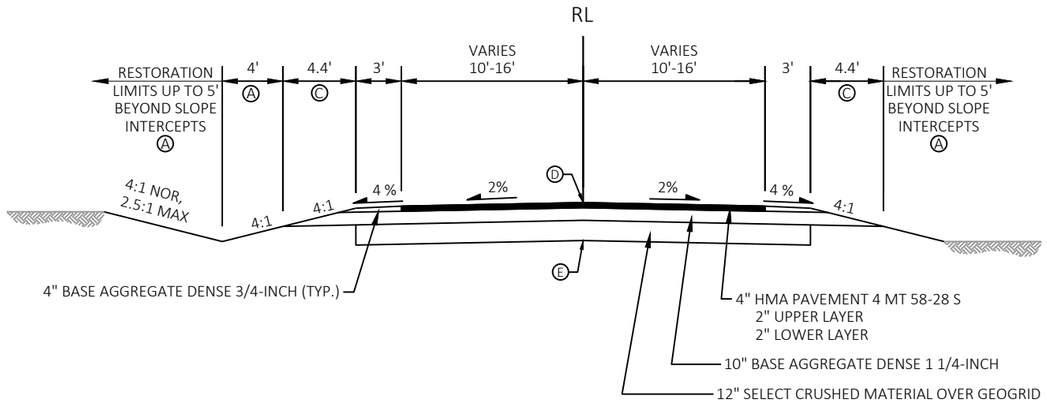
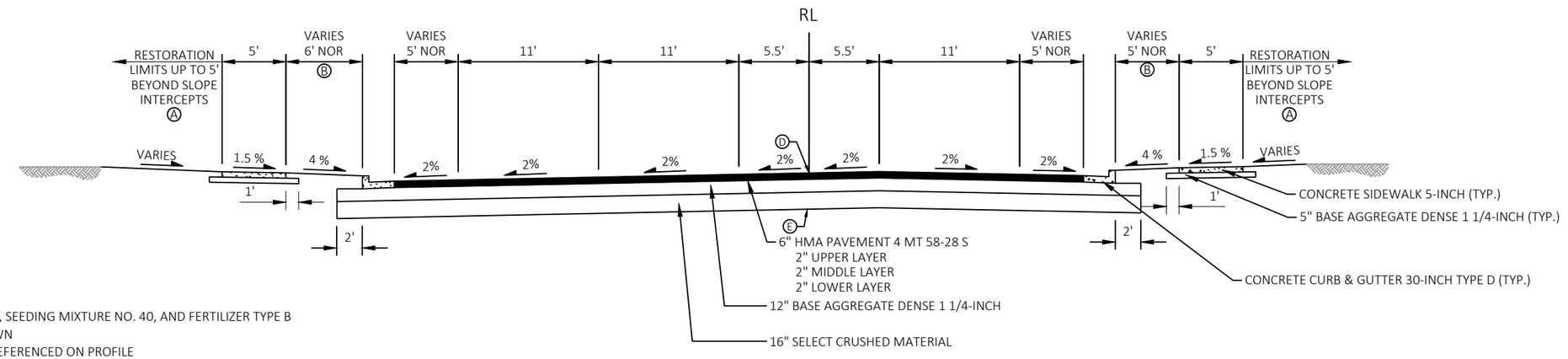


Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓒ SEEDING MIXTURE NO. 40 AND FERTILIZER TYPE B
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - SPRING RD

STA 10+90 'SP' - 11+70 'SP'



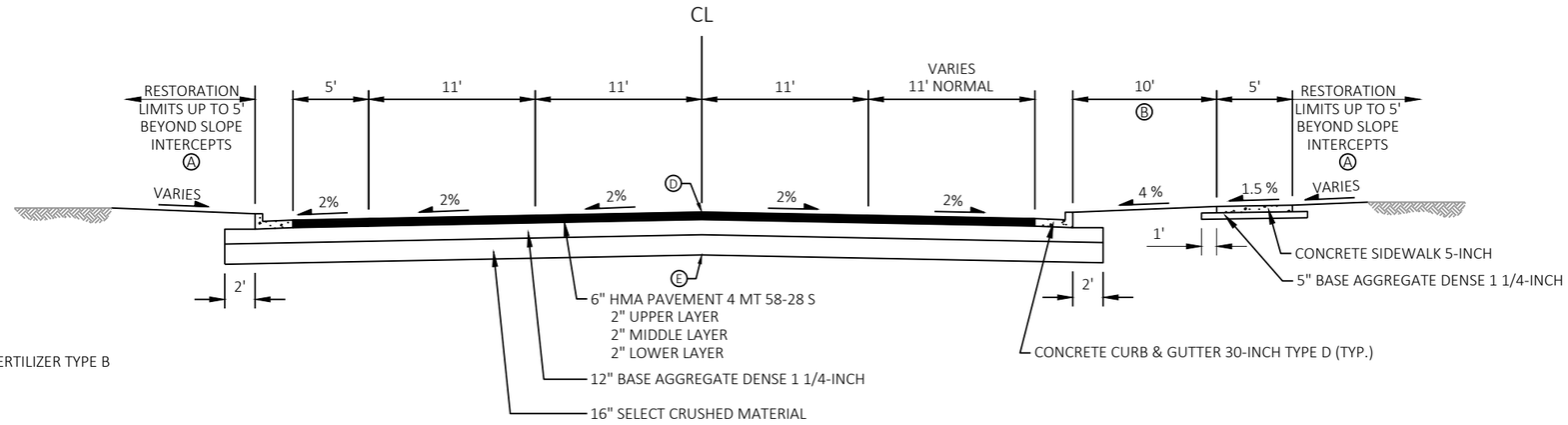
Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - CTH A

STA 8+70 'A' - 9+14 'A'

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 17	E

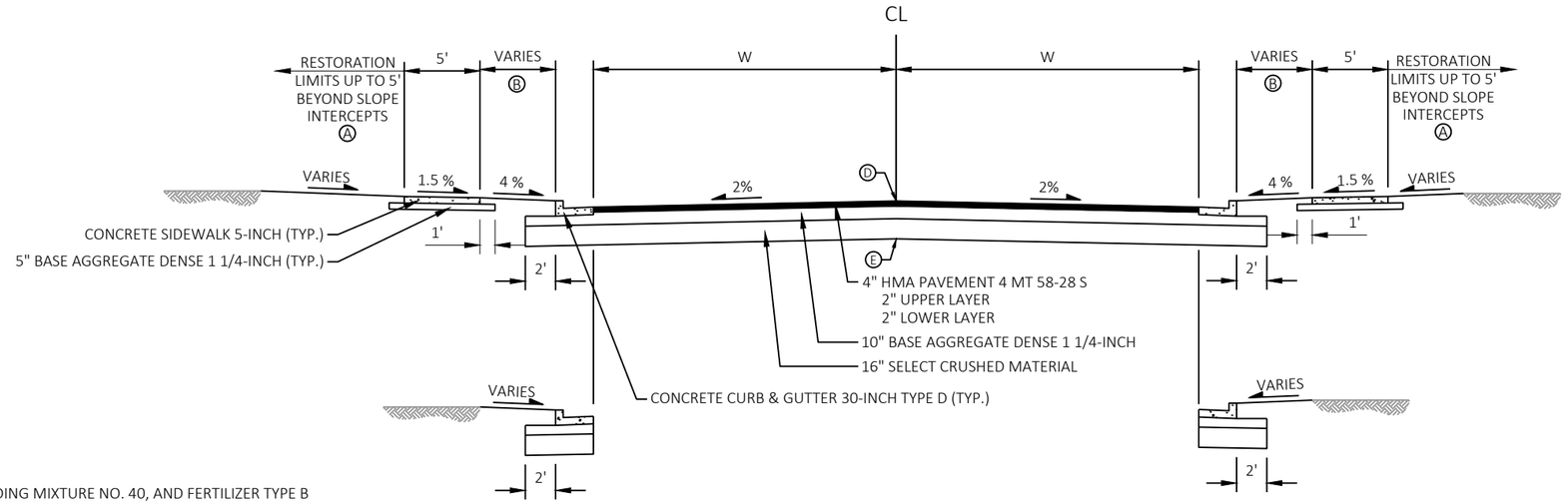
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - Finished 7
PLOT DATE : 9/27/2024 1:43 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT



Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

FINISHED TYPICAL SECTION - CTH N

STA 10+74 'N' - 11+80 'N'



CHALET DR
AMUNDSON PKWY

RACETRACK RD
CHALET DR
SEVENTH ST

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

SIDEROAD	W (FT)
RACETRACK RD	VARIES 20.25' - 21.25'
ASHBERRY LN	17'
CHALET DR	17'
CHURCH ST	17'
AMUNDSON PKWY	20'
N HENRY ST	13'
S HENRY ST	10'
N MORRIS ST	13'
S MORRIS ST	13'
N FRANKLIN ST	15'
S FRANKLIN ST	15'
S ACADEMY ST	14'
N LYNN ST	14'
HILLSIDE AVE	VARIES 14' NORMAL
SEVENTH ST	12.75'
SIXTH ST	14'
FIFTH ST	16'

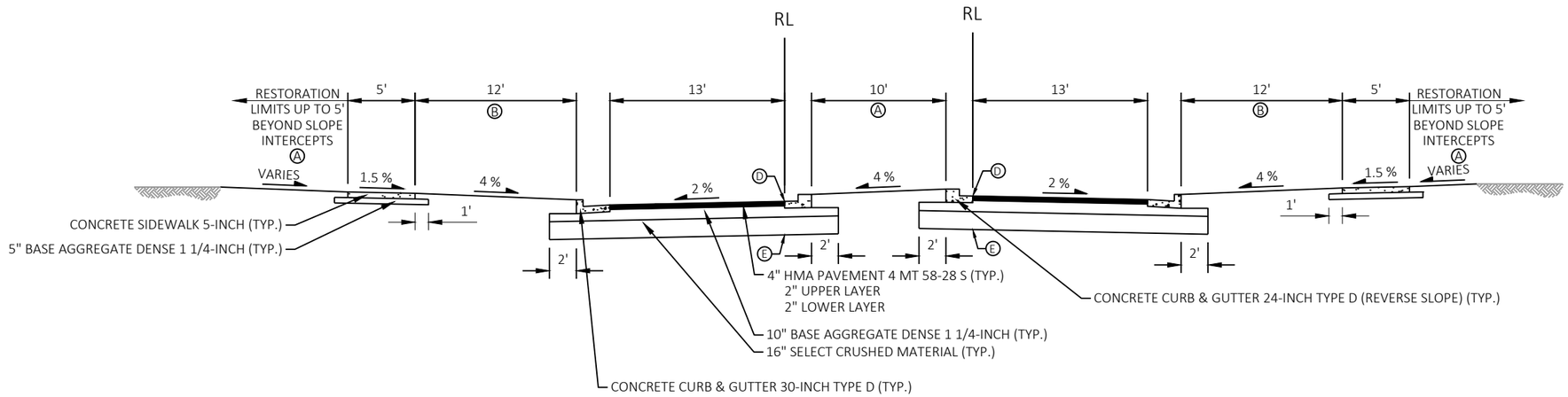
FINISHED TYPICAL SECTION - SIDEROADS

RACETRACK RD	N MORRIS ST	SEVENTH ST
ASHBERRY LN	S MORRIS ST	SIXTH ST
CHALET DR	N FRANKLIN ST	FIFTH ST
CHURCH ST	S FRANKLIN ST	
AMUNDSON PKWY	S ACADEMY ST	
N HENRY ST	N LYNN ST	
S HENRY ST	HILLSIDE AVE	

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TYPICAL SECTIONS	SHEET 18	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - Finished 8
PLOT DATE : 9/27/2024 1:43 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

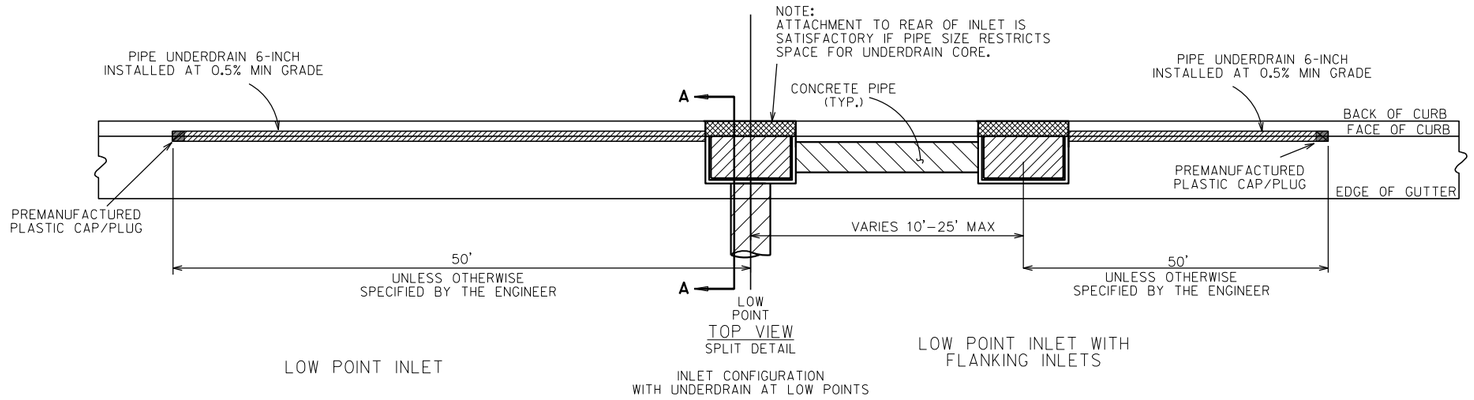


FINISHED TYPICAL SECTION - S LYNN ST

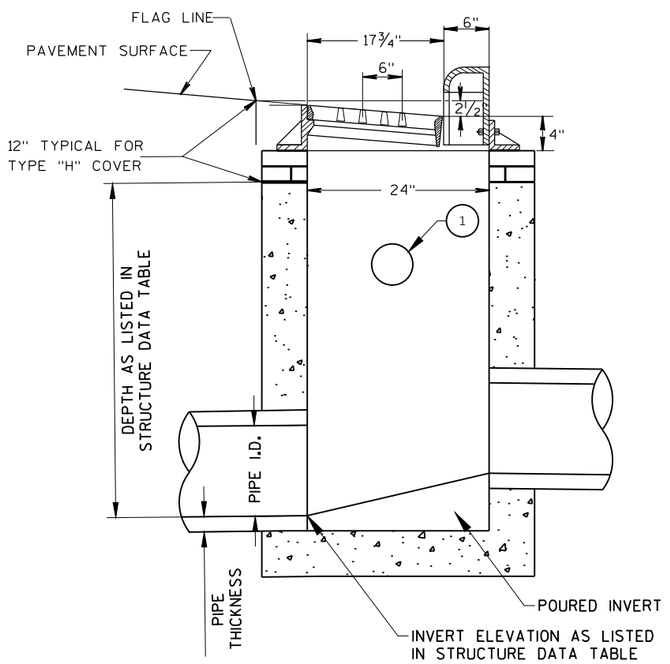
STA 9+45 'LY' - 9+58 'LY'

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 40, AND FERTILIZER TYPE B
Ⓑ SOD LAWN
Ⓓ POINT REFERENCED ON PROFILE
Ⓔ POINT REFERENCED ON CROSS SECTIONS

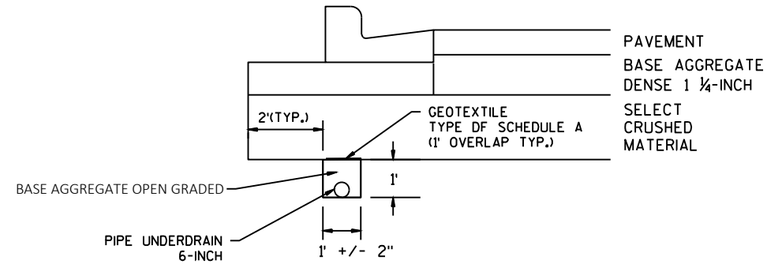
2



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



SECTION A-A



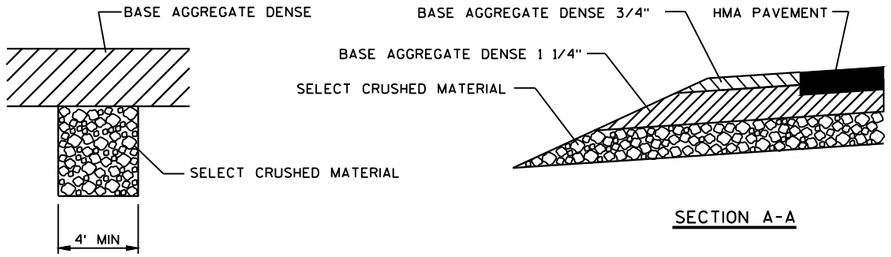
PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE DETAIL

(1) PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE TYPE DF SCHEDULE A AND BASE AGGREGATE OPEN GRADED. SEE "PIPE UNDERDRAIN 6-INCH DETAIL" AND MISCELLANEOUS QUANTITIES FOR LOCATIONS AND ADDITIONAL INFORMATION.

DETAIL OF CURB AND GUTTER AT INLETS AT SAG LOCATIONS

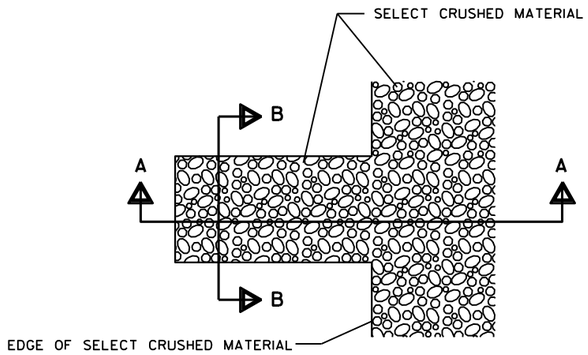
(INLET TYPE 2X3-H SHOWN)

2



SECTION B-B

SECTION A-A

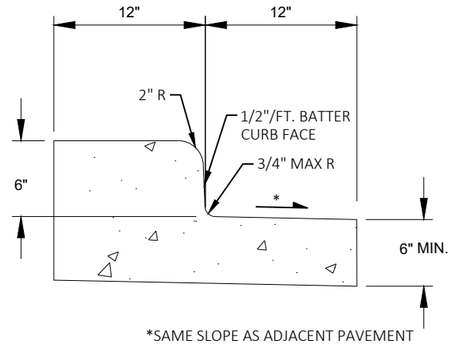


DETAIL FOR FRENCH DRAINS

DRAINS ARE TO BE CONSTRUCTED AT THE FOLLOWING LOCATIONS:
- STA 288+50 LT & RT
- STA 291+00 RT
- STA 11'SR'+70 LT & RT

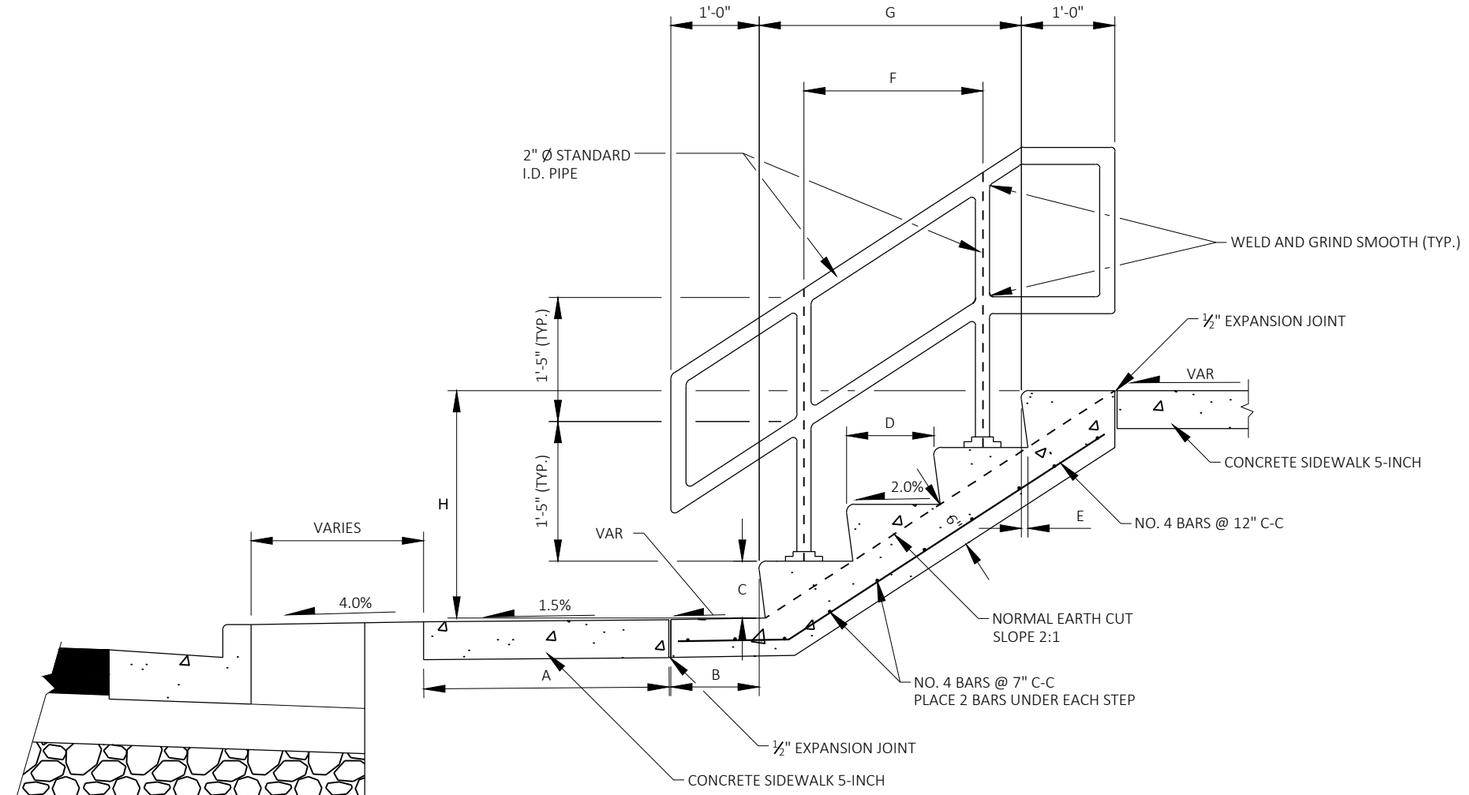
EXCAVATION REQUIRED TO CONSTRUCT FRENCH DRAINS SHALL BE CONSIDERED INCIDENTAL TO THE ITEM SELECT CRUSHED MATERIAL

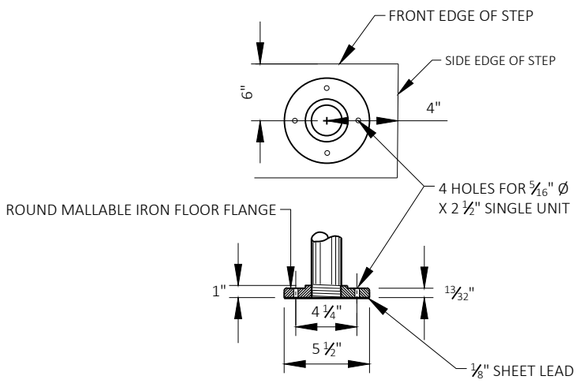
DO NOT COVER SELECT CRUSHED MATERIAL WITH TOPSOIL



CONCRETE CURB & GUTTER 24-INCH TYPE D

STA 9'LY'+45 - 9'LY'+59





FLANGE DETAIL

STEP NOTES:

MAINTAIN UNIFORM RISER HEIGHTS AND TREAD DEPTHS THROUGHOUT STAIRWAYS.

PLACE 18" NO. 4 DRILLED TIE BARS SPACED 15" C-C BETWEEN CONCRETE SIDEWALK AND AND CONCRETE STEPS WHEN POURED SEPARATELY. DRILLED TIE BAR COSTS ARE INCIDENTAL TO THE CONCRETE STEPS.

TOTAL RISER HEIGHT IN THE DETAILS TABLE INCLUDES 2.0% TREAD SLOPE ADJUSTMENTS.

PLACE ½" EXPANSION JOINT BETWEEN THE STAIRS AND WALL

RAILING NOTES:

BID ITEM SHALL BE "PIPE RAILING" WHICH INCLUDES ALL ITEMS SHOWN AND PAINTING.

RAILING TO BE PLACED ON LEFT SIDE ONLY IN THE ASCENDING DIRECTION.

PIPE RAILING REQUIRED ON STEPS WITH 3 OR MORE RISER SECTIONS.

AFTER FABRICATION, ALL MATERIAL SHALL BE PAINTED WITH A THREE-COAT ZINC-RICH EPOXY SYSTEM. THE FINISH COLOR SHALL BE BLACK, FED-STD. COLOR NO. 27038. PRIOR TO PAINTING, ALL MEMBERS SHALL BE GIVEN A NO. 11 NEAR WHITE BLASTING CLEANING BY S.S.P.C. SPECIFICATIONS.

RAILING SHALL BE FABRICATED TO MATCH STEP DIMENSIONS IN THE FIELD.

TOUCH-UP PAINTING TO BE DONE AT COMPLETION OF STEEL RAILING INSTALLATION TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST.

ALL POSTS AND RAILS SHALL BE WELDED TOGETHER WITH MIN. 3/16" FILLET WELDS ALL AROUND AND GROUND SMOOTH.

CONCRETE STEP REQUIREMENTS					
TREAD DEPTH	TREAD SLOPE	RISER HEIGHT	STEP CLEAR WIDTH	TOE KICK	LANDING LENGTH
11" MINIMUM	¼" PER FOOT (2.0%) MAX.	4" MIN., 7" MAX.	36" MIN.	30" MAX.	36" MIN.

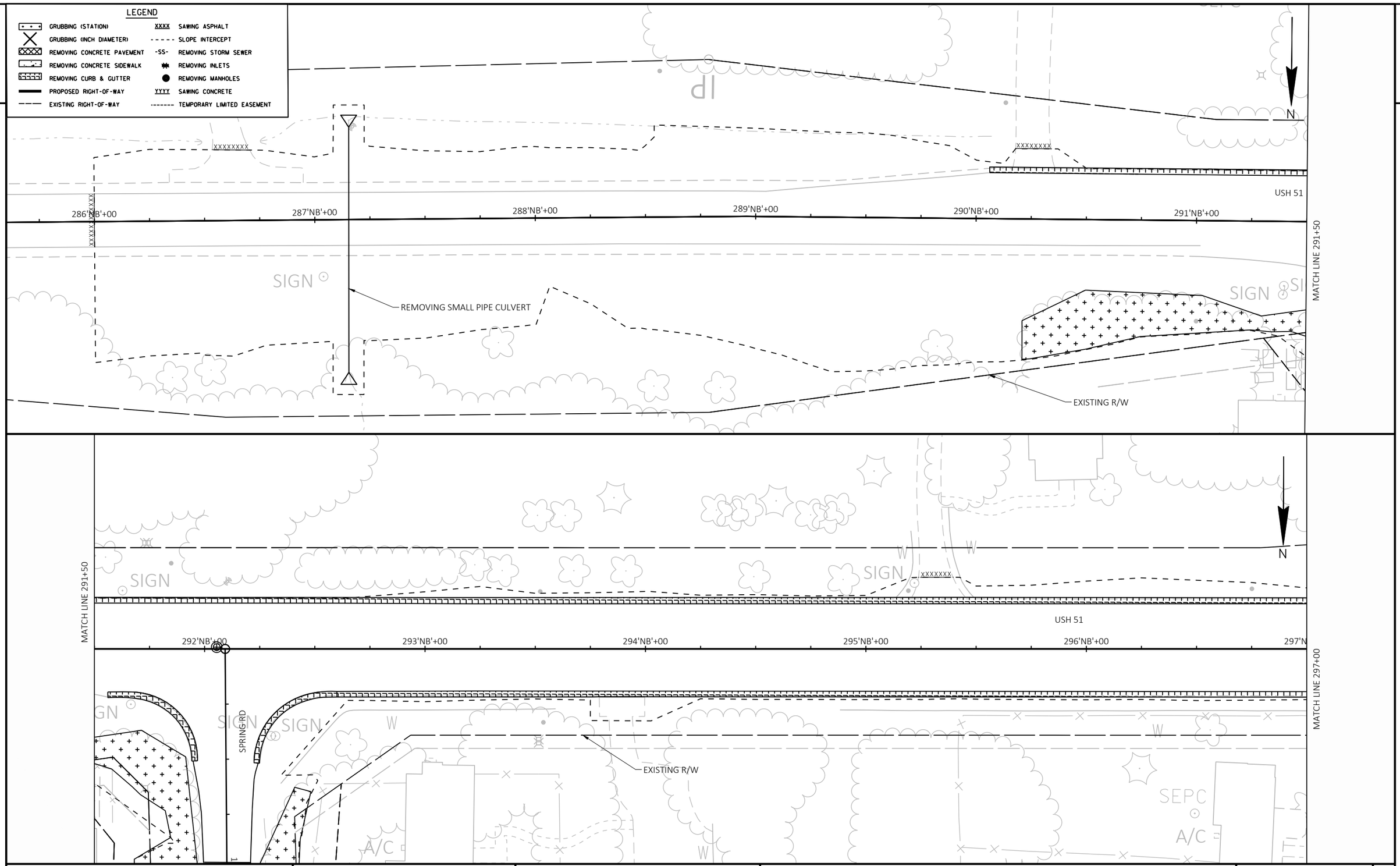
PIPE RAILING REQUIREMENTS				
RAIL TOP HEIGHT	RAIL TOP EXTENSION	RAIL BOTTOM EXTENSION	RAIL POST SPACING	RAIL NOSING RADIUS
34" MIN., 38" MAX.	12" MIN.	11" MIN.	5' MAX.	½" MAX.

CONCRETE STEPS AND PIPE RAILING DETAIL

CONCRETE STEPS AND PIPE RAILING DETAILS													
STA LOCATION	SIDEWALK WIDTH A	LANDING WIDTH B	STEP RISER HEIGHT C	STEP TREAD DEPTH D	STEP TOE KICK E	POST TO POST SPACING F	TOTAL NUMBER OF TREADS	TOTAL TREAD LENGTH G	TOTAL NUMBER OF RISERS	TOTAL RISER HEIGHT H	TOTAL NUMBER OF STEPS	WIDTH OF STEPS	COMMENTS
STA 351'NB'+96.50 RT	5'	1'	5 7/16" (TYP.)	1' (TYP.)	3/4"	3'	4	4'	5	2'-5 13/32"	5	5'-0"	
STA 352'NB'+03.40 LT	5'	1'	6 7/16" (TYP.)	1' (TYP.)	3/4"	2'	3	3'	4	2'- 1/4"	4	4'-0"	
STA 352'NB'+65.90 RT	5'	1'	6 9/16" (TYP.)	1' (TYP.)	3/4"	3'	4	4'	5	2'-8 7/8"	5	4'-2 1/4"	
STA 353'NB'+26.20 RT	5'	4'	6" (TYP.)	1' (TYP.)	3/4"	6'	7	7'	8	4'	8	5'	

LEGEND

GRUBBING (STATION)	XXXX	SAWING ASPHALT
GRUBBING (INCH DIAMETER)	-----	SLOPE INTERCEPT
REMOVING CONCRETE PAVEMENT	-SS-	REMOVING STORM SEWER
REMOVING CONCRETE SIDEWALK		REMOVING INLETS
REMOVING CURB & GUTTER		REMOVING MANHOLES
PROPOSED RIGHT-OF-WAY	YYYY	SAWING CONCRETE
EXISTING RIGHT-OF-WAY	------	TEMPORARY LIMITED EASEMENT



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	REMOVAL PLAN	SHEET 23	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020211-REMOVALS.DWG
LAYOUT NAME - Removals-1 (2)
PLOT DATE : 7/26/2024 2:07 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

MATCH LINE 297+00

MATCH LINE 302+50

MATCH LINE 302+50

MATCH LINE 308+00

B'+00 298'NB'+00 299'NB'+00 300'NB'+00 301'NB'+00 302'NB'+00 USH 51

303'NB'+00 304'NB'+00 305'NB'+00 306'NB'+00 307'NB'+00 308'N

N

SIGN

SIGN

SIGN

2

2

MATCH LINE 308+00

MATCH LINE 313+50

USH 51

ASHBERRY LN

CTH A

CTH N

EXISTING R/W

EXISTING R/W

MATCH LINE 313+50

MATCH LINE 319+00

314'NB'+00

315'NB'+00

316'NB'+00

317'NB'+00

318'NB'+00

319'N

USH 51

N

N

LEGEND

	GRUBBING (STATION)	XXXX	SAWING ASPHALT
	GRUBBING (INCH DIAMETER)	-----	SLOPE INTERCEPT
	REMOVING CONCRETE PAVEMENT	-SS-	REMOVING STORM SEWER
	REMOVING CONCRETE SIDEWALK		REMOVING INLETS
	REMOVING CURB & GUTTER		REMOVING MANHOLES
	PROPOSED RIGHT-OF-WAY	YYYY	SAWING CONCRETE
	EXISTING RIGHT-OF-WAY	-------	TEMPORARY LIMITED EASEMENT

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	REMOVAL PLAN	SHEET 25 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020211-REMOVALS.DWG
LAYOUT NAME - Removals-3 (2)

PLOT DATE : 7/26/2024 2:07 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

CTH A

CTH N

USH 51

MATCH LINE 319+00

MATCH LINE 324+50

MATCH LINE 324+50

MATCH LINE 330+00

CHALET DR

EXISTING R/W

EXISTING R/W

320'NB'+00

321'NB'+00

322'NB'+00

323'NB'+00

324'NB'+00

325'NB'+00

326'NB'+00

327'NB'+00

SIGN

POST

MH

INL

SLAB

N

LEGEND

GRUBBING (STATION)		XXXX	SAWING ASPHALT
GRUBBING (INCH DIAMETER)		-----	SLOPE INTERCEPT
REMOVING CONCRETE PAVEMENT		-SS-	REMOVING STORM SEWER
REMOVING CONCRETE SIDEWALK			REMOVING INLETS
REMOVING CURB & GUTTER			REMOVING MANHOLES
PROPOSED RIGHT-OF-WAY		YYYY	SAWING CONCRETE
EXISTING RIGHT-OF-WAY		-------	TEMPORARY LIMITED EASEMENT

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	REMOVAL PLAN	SHEET 26 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020211-REMOVALS.DWG
LAYOUT NAME - Removals-4 (2)

PLOT DATE : 7/26/2024 2:07 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 330+00

MATCH LINE 335+50

MATCH LINE 335+50

MATCH LINE 341+00

USH 51

330'NB'+00 331'NB'+00 332'NB'+00 333'NB'+00 334'NB'+00 335'NB'+00

336'NB'+00 337'NB'+00 338'NB'+00 339'NB'+00 340'NB'+00 341'N

EXISTING R/W

EXISTING R/W

ADMUNDSON PKWY

S HENRY ST

N HENRY ST

S MORRIS ST

N MORRIS ST

N HENRY ST

CANOPY

WALLS

POST

SIGN

MH

INL

FLAG

A/C

W

SS

HW

XXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXX

2

2

MATCH LINE 341+00

S FRANKLIN ST

EXISTING R/W

S ACADEMY ST

POOL

N

B'+00

USH 51

342'NB'+00

343'NB'+00

344'NB'+00

345'NB'+00

346'NB'+00

N FRANKLIN ST

SS

A/C

POST

POST MH

LEGEND

	GRUBBING (STATION)	XXXX	SAWING ASPHALT
	GRUBBING (INCH DIAMETER)	-----	SLOPE INTERCEPT
	REMOVING CONCRETE PAVEMENT	-SS-	REMOVING STORM SEWER
	REMOVING CONCRETE SIDEWALK		REMOVING INLETS
	REMOVING CURB & GUTTER		REMOVING MANHOLES
	PROPOSED RIGHT-OF-WAY	YYYY	SAWING CONCRETE
	EXISTING RIGHT-OF-WAY	-------	TEMPORARY LIMITED EASEMENT

MATCH LINE 346+50

USH 51

347'NB'+00

348'NB'+00

349'NB'+00

350'NB'+00

351'NB'+00

352'N

S LYNN ST

CHURCH ST

EXISTING R/W

N LYNN ST

REMOVE BLOCK WALL

MATCH LINE 352+00

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	REMOVAL PLAN	SHEET 28	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020211-REMOVALS.DWG
LAYOUT NAME - Removals-6 (2)

PLOT DATE : 7/26/2024 2:08 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 352+00

B'+00

EXISTING R/W

USH 51

353'NB'+00

354'NB'+00

355'NB'+00

356'NB'+00

357'NB'+00

MATCH LINE 357+50

SS

SIGN

MH

INL

POST

A/C

HILLSIDE AVE

S 57TH ST

WISCONSIN &

N

LEGEND

GRUBBING (STATION)	XXXX	SAWING ASPHALT
GRUBBING (INCH DIAMETER)	-----	SLOPE INTERCEPT
REMOVING CONCRETE PAVEMENT	-SS-	REMOVING STORM SEWER
REMOVING CONCRETE SIDEWALK		REMOVING INLETS
REMOVING CURB & GUTTER		REMOVING MANHOLES
PROPOSED RIGHT-OF-WAY	YYYY	SAWING CONCRETE
EXISTING RIGHT-OF-WAY	-------	TEMPORARY LIMITED EASEMENT

EXISTING R/W

S 56TH ST

80+6

MATCH LINE 357+50

358'NB'+00

359'NB'+00

360'NB'+00

361'NB'+00

362'NB'+00

363'N

USH 51

MATCH LINE 363+00

REMOVE
EXISTING WALL

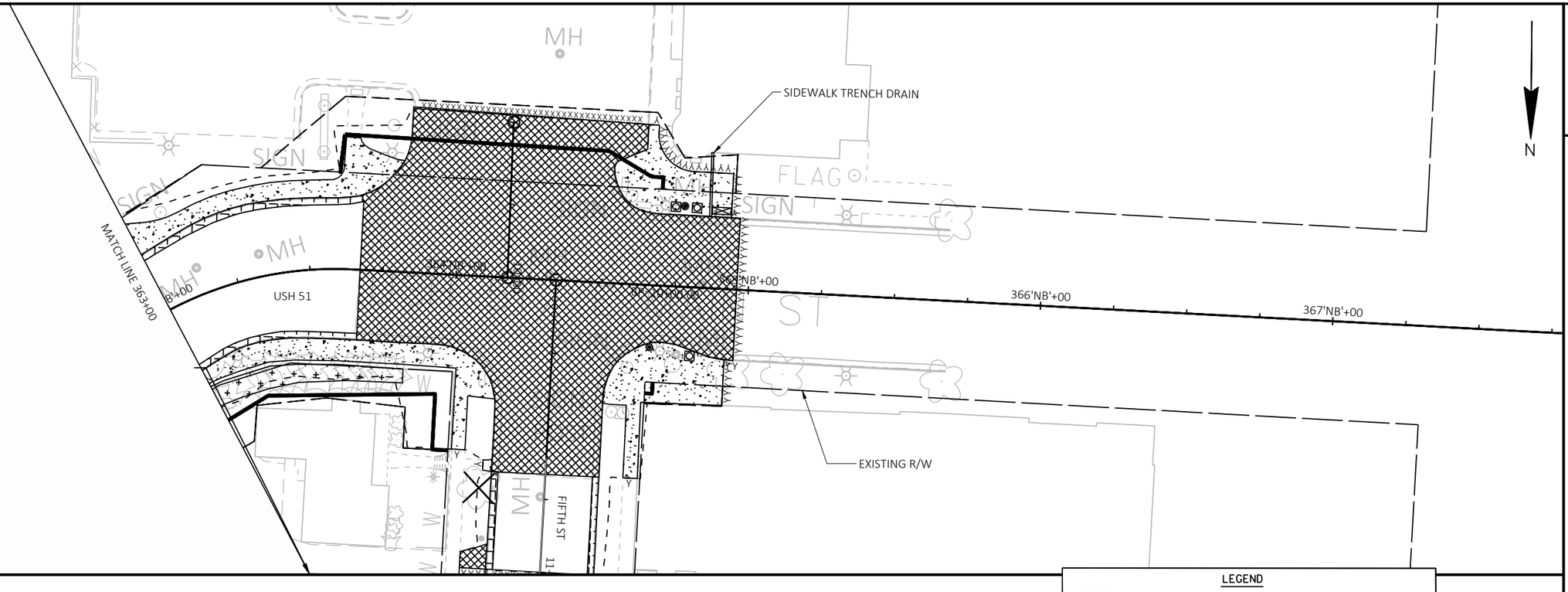
FLAG

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	REMOVALS	SHEET 29	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\020211-REMOVALS.DWG
LAYOUT NAME - Removals-7 (2)

PLOT DATE : 7/26/2024 2:08 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



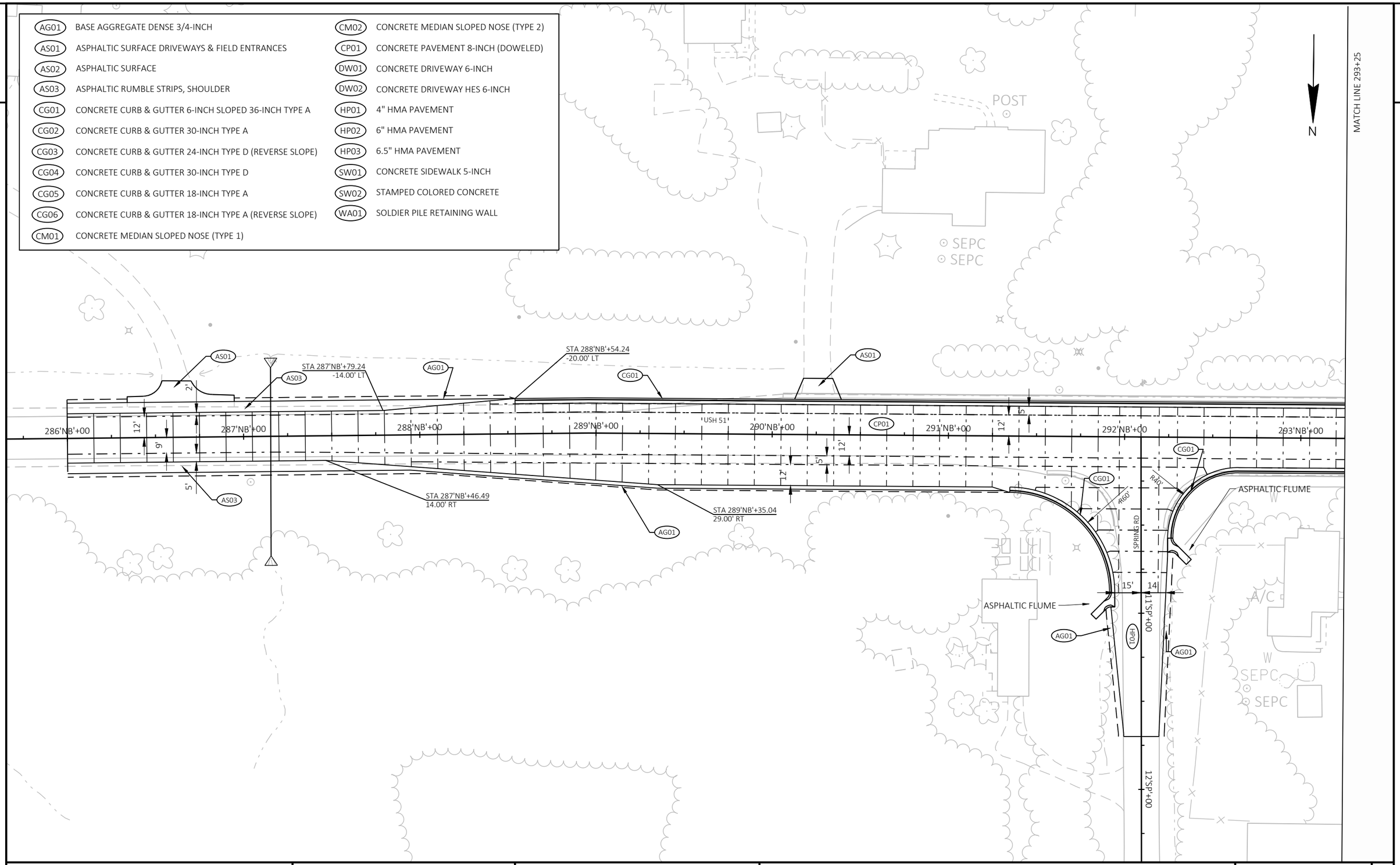
2

LEGEND

GRUBBING (STATION)	XXXX	SAWING ASPHALT
GRUBBING (INCH DIAMETER)	- - - - -	SLOPE INTERCEPT
REMOVING CONCRETE PAVEMENT	-SS-	REMOVING STORM SEWER
REMOVING CONCRETE SIDEWALK		REMOVING INLETS
REMOVING CURB & GUTTER		REMOVING MANHOLES
PROPOSED RIGHT-OF-WAY	YYYY	SAWING CONCRETE
EXISTING RIGHT-OF-WAY	-------	TEMPORARY LIMITED EASEMENT

2

AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES
AS02	ASPHALTIC SURFACE
AS03	ASPHALTIC RUMBLE STRIPS, SHOULDER
CG01	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE D (REVERSE SLOPE)
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE D
CG05	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG06	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE)
CM01	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
CM02	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
CP01	CONCRETE PAVEMENT 8-INCH (DOWELED)
DW01	CONCRETE DRIVEWAY 6-INCH
DW02	CONCRETE DRIVEWAY HES 6-INCH
HP01	4" HMA PAVEMENT
HP02	6" HMA PAVEMENT
HP03	6.5" HMA PAVEMENT
SW01	CONCRETE SIDEWALK 5-INCH
SW02	STAMPED COLORED CONCRETE
WA01	SOLDIER PILE RETAINING WALL



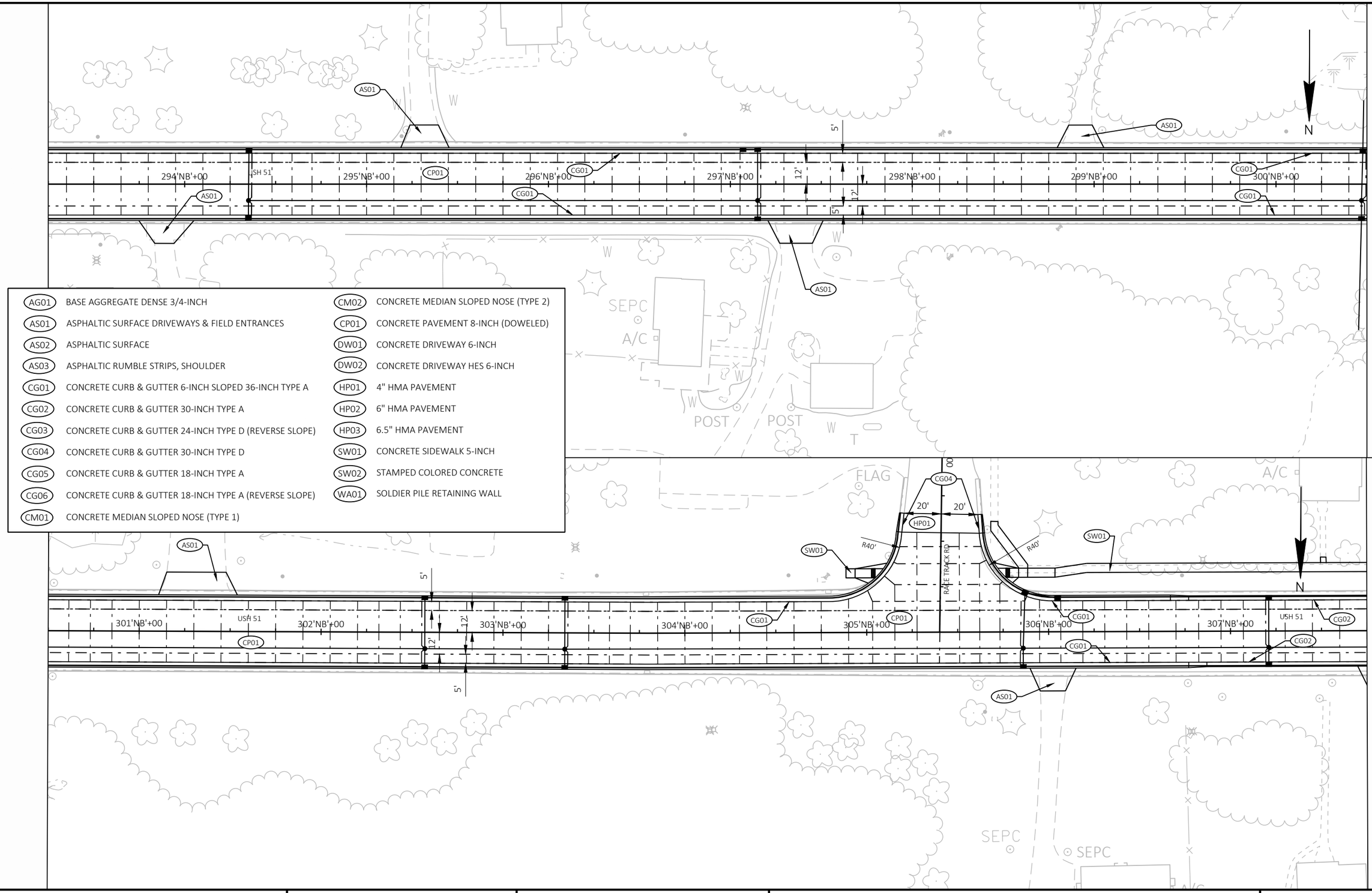
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET 31 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - Plan Details1

PLOT DATE : 7/26/2024 2:32 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

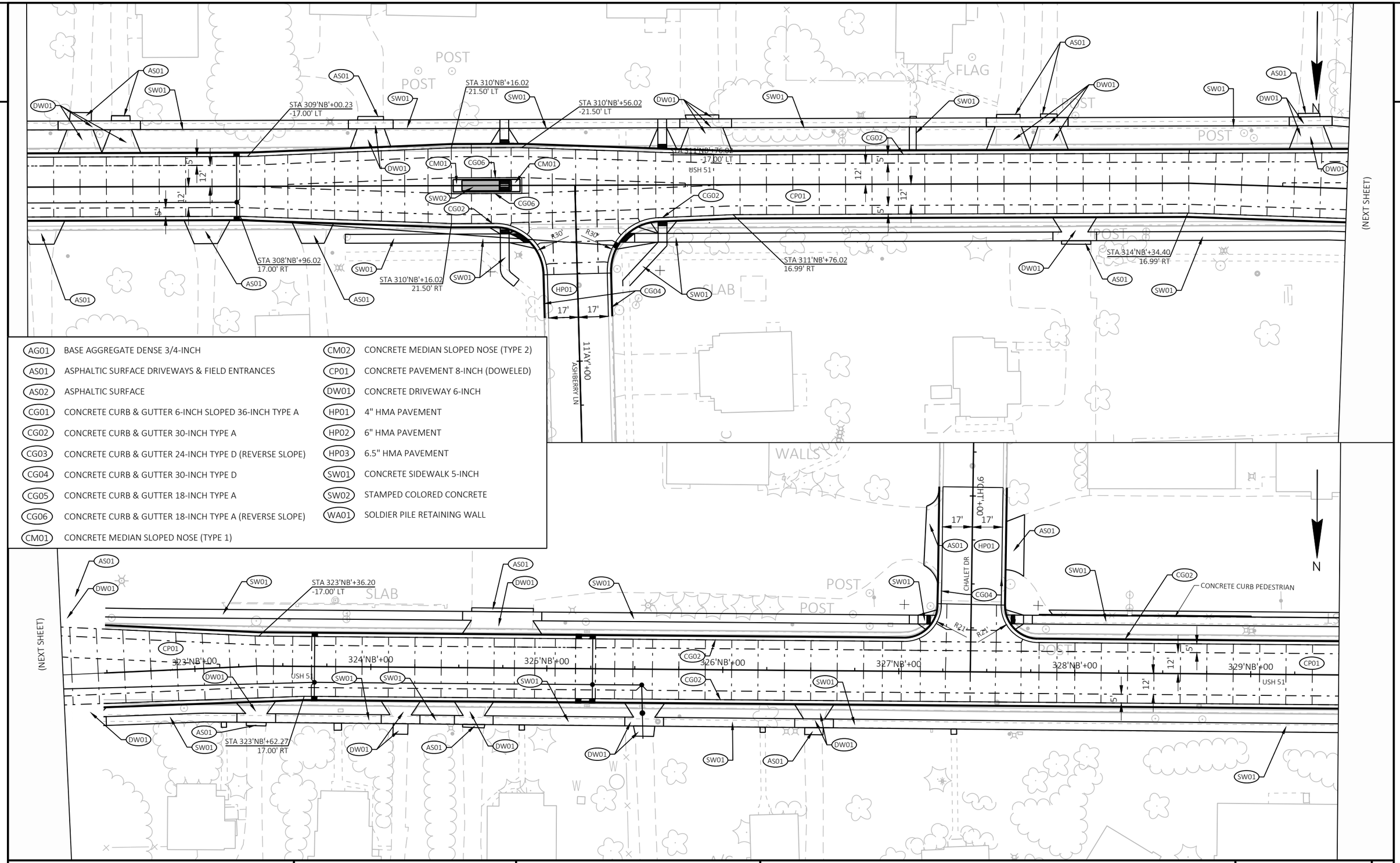
2



AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES
AS02	ASPHALTIC SURFACE
AS03	ASPHALTIC RUMBLE STRIPS, SHOULDER
CG01	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE D (REVERSE SLOPE)
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE D
CG05	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG06	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE)
CM01	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
CM02	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
CP01	CONCRETE PAVEMENT 8-INCH (DOWELED)
DW01	CONCRETE DRIVEWAY 6-INCH
DW02	CONCRETE DRIVEWAY HES 6-INCH
HP01	4" HMA PAVEMENT
HP02	6" HMA PAVEMENT
HP03	6.5" HMA PAVEMENT
SW01	CONCRETE SIDEWALK 5-INCH
SW02	STAMPED COLORED CONCRETE
WA01	SOLDIER PILE RETAINING WALL

2

AG01	BASE AGGREGATE DENSE 3/4-INCH	CM02	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
AS01	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES	CP01	CONCRETE PAVEMENT 8-INCH (DOWELED)
AS02	ASPHALTIC SURFACE	DW01	CONCRETE DRIVEWAY 6-INCH
CG01	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A	HP01	4" HMA PAVEMENT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A	HP02	6" HMA PAVEMENT
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE D (REVERSE SLOPE)	HP03	6.5" HMA PAVEMENT
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE D	SW01	CONCRETE SIDEWALK 5-INCH
CG05	CONCRETE CURB & GUTTER 18-INCH TYPE A	SW02	STAMPED COLORED CONCRETE
CG06	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE)	WA01	SOLDIER PILE RETAINING WALL
CM01	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)		



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET 33	E

AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES
AS02	ASPHALTIC SURFACE
AS03	ASPHALTIC RUMBLE STRIPS, SHOULDER
CG01	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE D (REVERSE SLOPE)
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE D
CG05	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG06	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE)
CM01	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
CM02	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
CP01	CONCRETE PAVEMENT 8-INCH (DOWELED)
DW01	CONCRETE DRIVEWAY 6-INCH
DW02	CONCRETE DRIVEWAY HES 6-INCH
HP01	4" HMA PAVEMENT
HP02	6" HMA PAVEMENT
HP03	6.5" HMA PAVEMENT
SW01	CONCRETE SIDEWALK 5-INCH
SW02	STAMPED COLORED CONCRETE
WA01	SOLDIER PILE RETAINING WALL

2

2

MATCH LINE 315+25

MATCH LINE 322+25

SAN 3D

00+00

11+00

12+00

21'

22'

22'

27'

N

A/C

FLAG

STA 315'NB'+67.45
21.98' LT

STA 317'NB'+09.09
28.00' LT

STA 486'NB'+18.46
13899.72' RT

STA 320'NB'+78.58
17.00' RT

316'NB'+00

317'NB'+00

318'NB'+00

319'NB'+00

320'NB'+00

321'NB'+00

322'NB'+00

R45'

12'

5'

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET 34	E

2

2

MATCH LINE 336+75

N

AG01	BASE AGGREGATE DENSE 3/4-INCH
AS01	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES
AS02	ASPHALTIC SURFACE
AS03	ASPHALTIC RUMBLE STRIPS, SHOULDER
CG01	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE D (REVERSE SLOPE)
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE D
CG05	CONCRETE CURB & GUTTER 18-INCH TYPE A
CG06	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE)
CM01	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
CM02	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
CP01	CONCRETE PAVEMENT 8-INCH (DOWELED)
DW01	CONCRETE DRIVEWAY 6-INCH
DW02	CONCRETE DRIVEWAY HES 6-INCH
HP01	4" HMA PAVEMENT
HP02	6" HMA PAVEMENT
HP03	6.5" HMA PAVEMENT
SW01	CONCRETE SIDEWALK 5-INCH
SW02	STAMPED COLORED CONCRETE
WA01	SOLDIER PILE RETAINING WALL

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET 35 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - Plan Details4

PLOT DATE : 7/26/2024 2:32 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 42

2

2

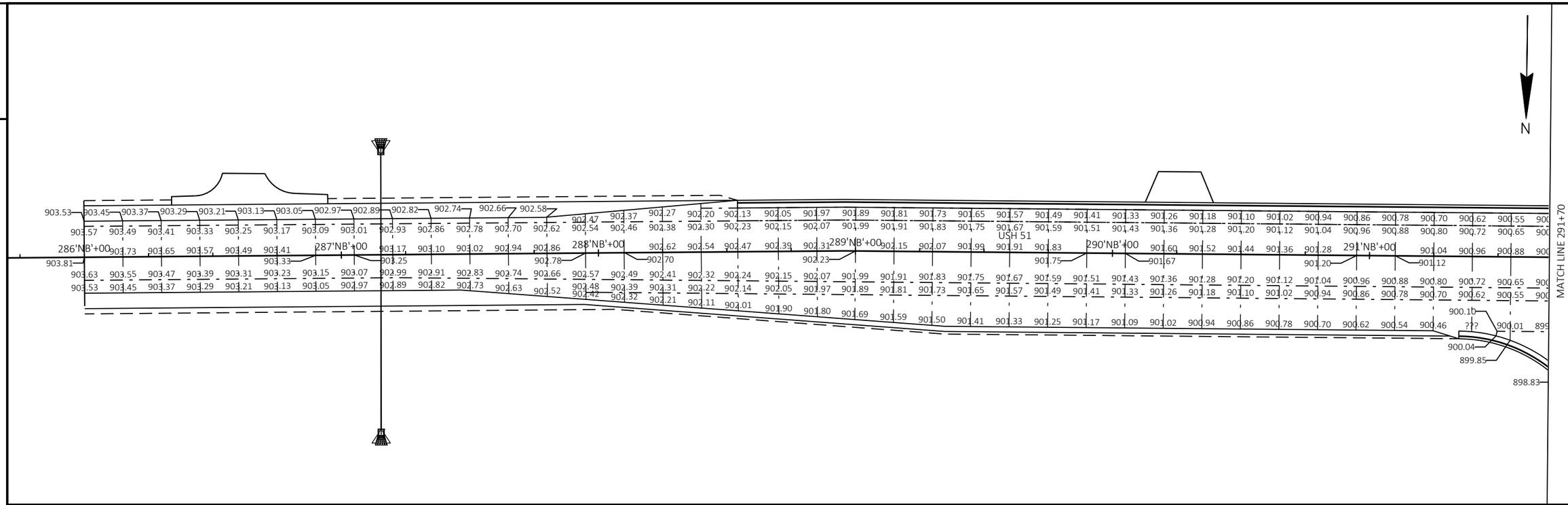
AG01	BASE AGGREGATE DENSE 3/4-INCH	CM02	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
AS01	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES	CP01	CONCRETE PAVEMENT 8-INCH (DOWELED)
AS02	ASPHALTIC SURFACE	DW01	CONCRETE DRIVEWAY 6-INCH
AS03	ASPHALTIC RUMBLE STRIPS, SHOULDER	DW02	CONCRETE DRIVEWAY HES 6-INCH
CG01	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A	HP01	4" HMA PAVEMENT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A	HP02	6" HMA PAVEMENT
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE D (REVERSE SLOPE)	HP03	6.5" HMA PAVEMENT
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE D	SW01	CONCRETE SIDEWALK 5-INCH
CG05	CONCRETE CURB & GUTTER 18-INCH TYPE A	SW02	STAMPED COLORED CONCRETE
CG06	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE)	WA01	SOLDIER PILE RETAINING WALL
CM01	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)		

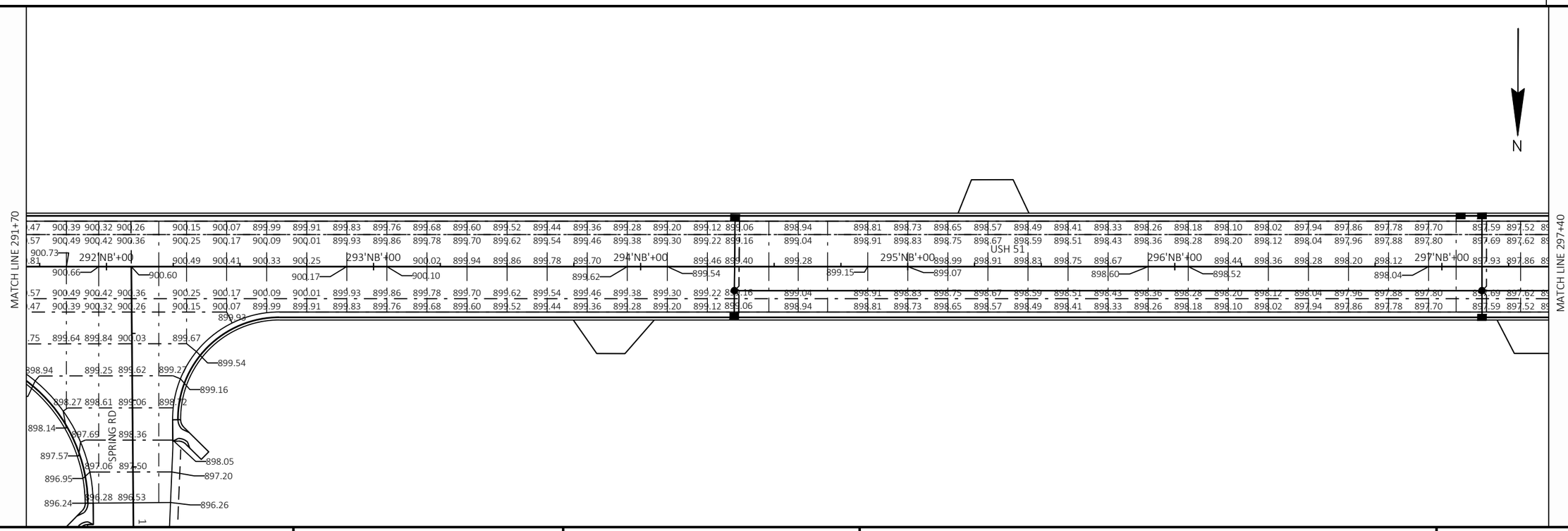
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET 36 E

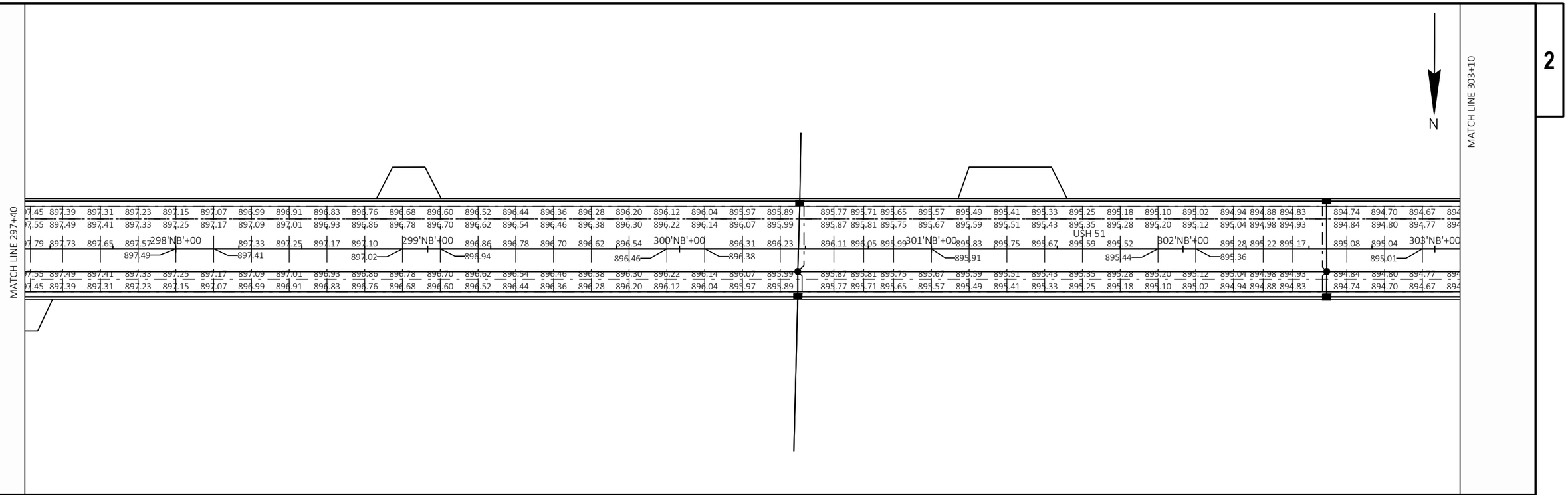
2

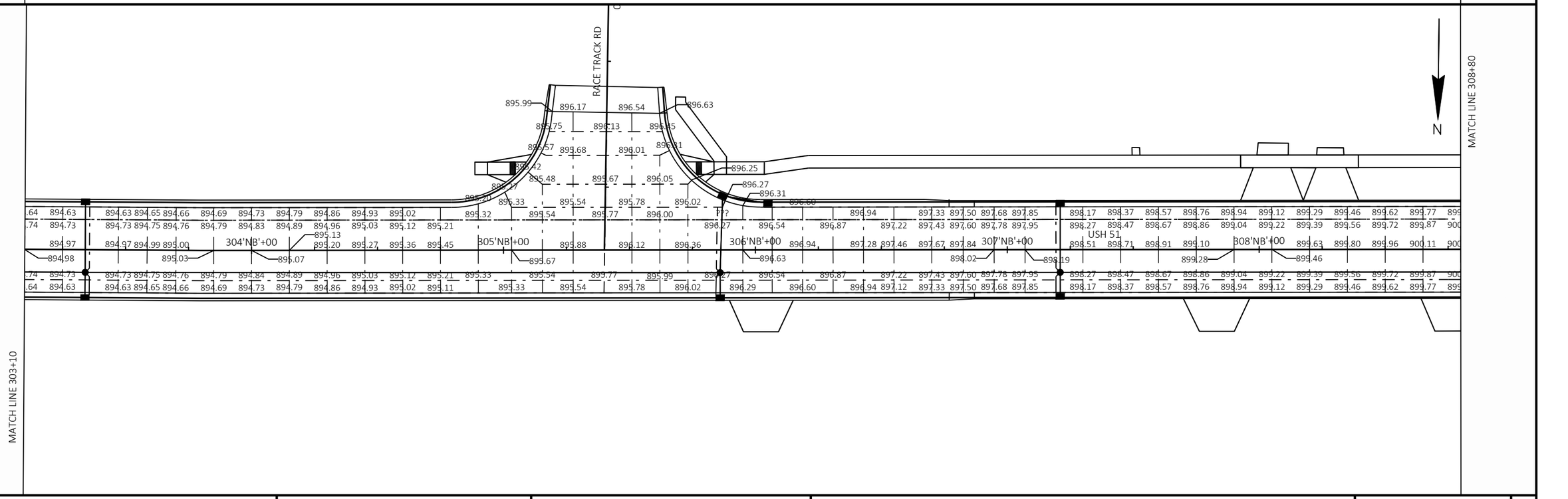
AG01	BASE AGGREGATE DENSE 3/4-INCH	CM02	CONCRETE MEDIAN SLOPED NOSE (TYPE 2)
AS01	ASPHALTIC SURFACE DRIVEWAYS & FIELD ENTRANCES	CP01	CONCRETE PAVEMENT 8-INCH (DOWELED)
AS02	ASPHALTIC SURFACE	DW01	CONCRETE DRIVEWAY 6-INCH
AS03	ASPHALTIC RUMBLE STRIPS, SHOULDER	DW02	CONCRETE DRIVEWAY HES 6-INCH
CG01	CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A	HP01	4" HMA PAVEMENT
CG02	CONCRETE CURB & GUTTER 30-INCH TYPE A	HP02	6" HMA PAVEMENT
CG03	CONCRETE CURB & GUTTER 24-INCH TYPE D (REVERSE SLOPE)	HP03	6.5" HMA PAVEMENT
CG04	CONCRETE CURB & GUTTER 30-INCH TYPE D	SW01	CONCRETE SIDEWALK 5-INCH
CG05	CONCRETE CURB & GUTTER 18-INCH TYPE A	SW02	STAMPED COLORED CONCRETE
CG06	CONCRETE CURB & GUTTER 18-INCH TYPE A (REVERSE SLOPE)	WA01	SOLDIER PILE RETAINING WALL
CM01	CONCRETE MEDIAN SLOPED NOSE (TYPE 1)		

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET 37 E


N
USH 51
286'NB'+00
287'NB'+00
288'NB'+00
289'NB'+00
290'NB'+00
291'NB'+00
MATCH LINE 291+70


N
USH 51
MATCH LINE 291+70
292'NB'+00
293'NB'+00
294'NB'+00
295'NB'+00
296'NB'+00
297'NB'+00
SPRING RD
MATCH LINE 297+40





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET 39	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021220-PD.DWG
LAYOUT NAME - 021209

PLOT DATE : 7/26/2024 2:43 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE 308+80

MATCH LINE 314+50

N

309'NB'+00

310'NB'+00

311'NB'+00

312'NB'+00

313'NB'+00

314'NB'+00

USH 51

ASHBERRY LN

MATCH LINE 314+50

MATCH LINE 320+20

N

315'NB'+00

316'NB'+00

317'NB'+00

318'NB+00

319'NB'+00

320'NB'+00

USH 51

CTH N

CTH N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET 40	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021220-PD.DWG
LAYOUT NAME - 021210

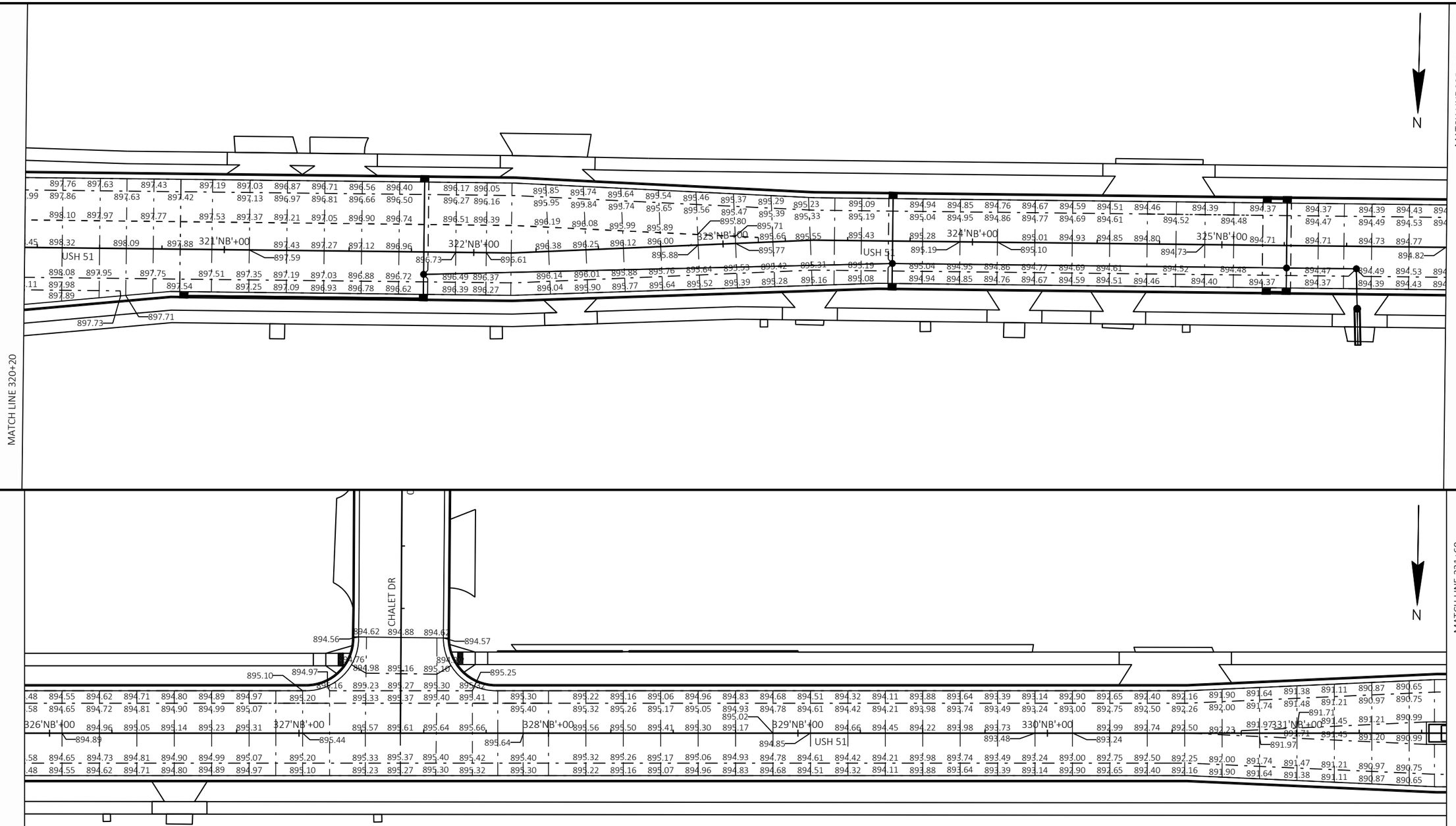
PLOT DATE : 7/26/2024 2:43 PM

PLOT BY : JOHNATHAN HOPP

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

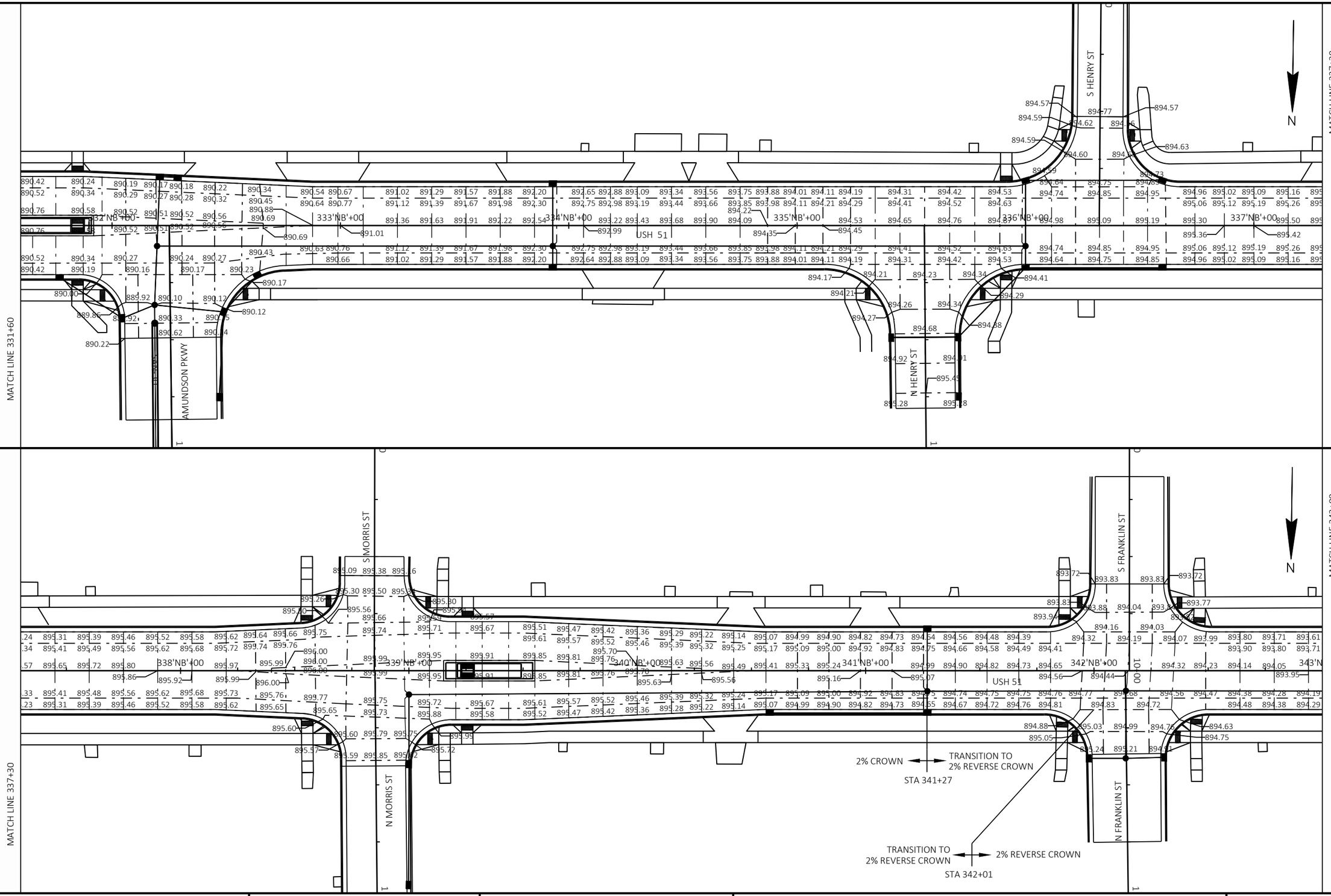
WISDOT/CADDS SHEET 44



2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET 41	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021220-PD.DWG
LAYOUT NAME - 021211
PLOT DATE : 7/26/2024 2:43 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET 42	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021220-PD.DWG
LAYOUT NAME - 021212

PLOT DATE : 7/26/2024 2:43 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCH LINE 343+00

S ACADEMY ST

CHURCH ST

USH 51

MATCH LINE 348+70

N

MATCH LINE 348+70

S LYNN ST

N LYNN ST

349 NB +00

350 NB +00

352 NB +00

353 NB +00

354 NB +00

USH 51

HILLSIDE AV

MATCH LINE 354+40

2% REVERSE CROWN
STA 352+16

TRANSITION TO 4% SE

4% SE
STA 352+53

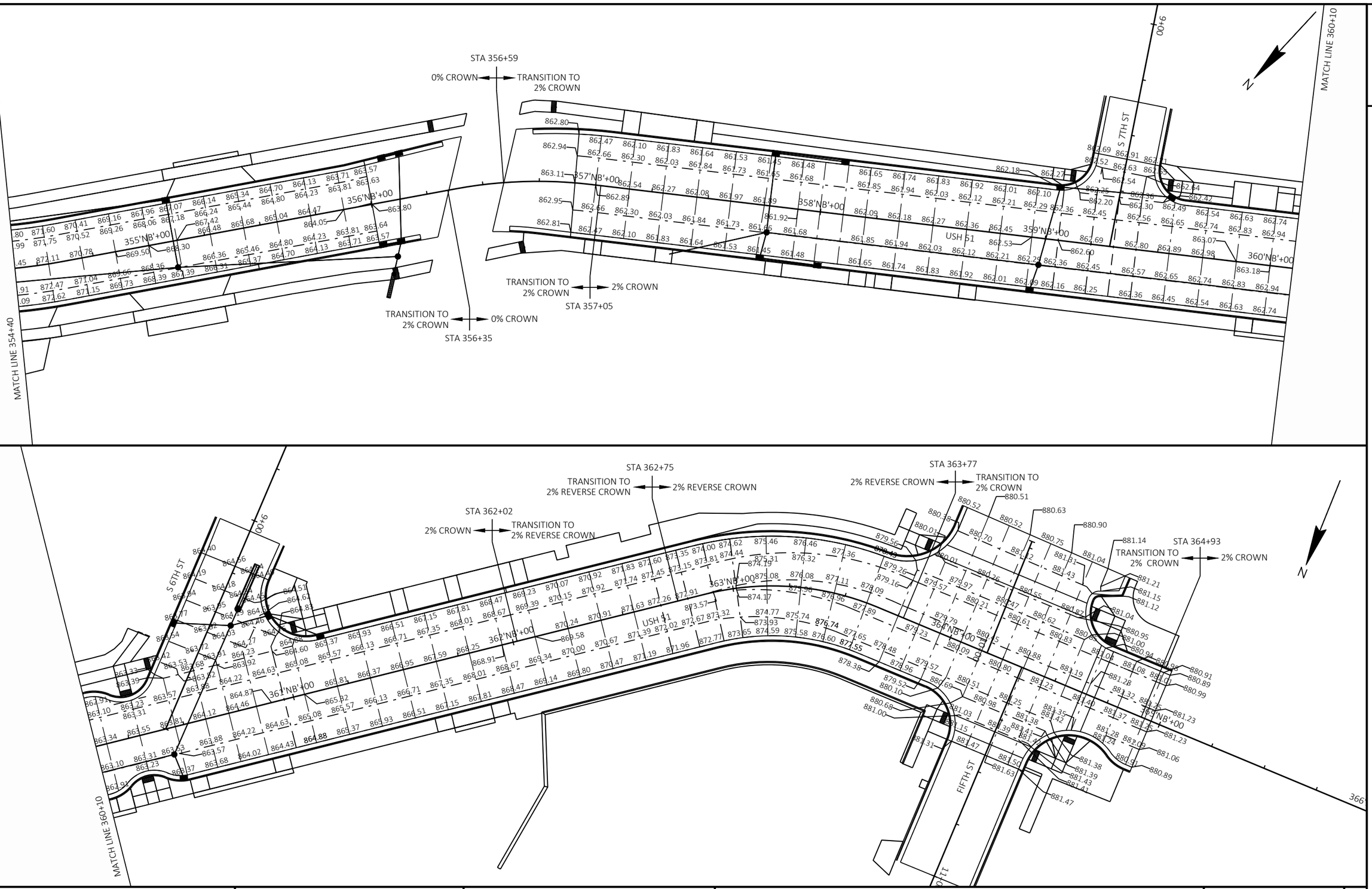
4% SE
TRANSITION TO 2% CROWN
STA 354+36

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET 43	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021220-PD.DWG
LAYOUT NAME - 021213

PLOT DATE : 7/26/2024 2:44 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

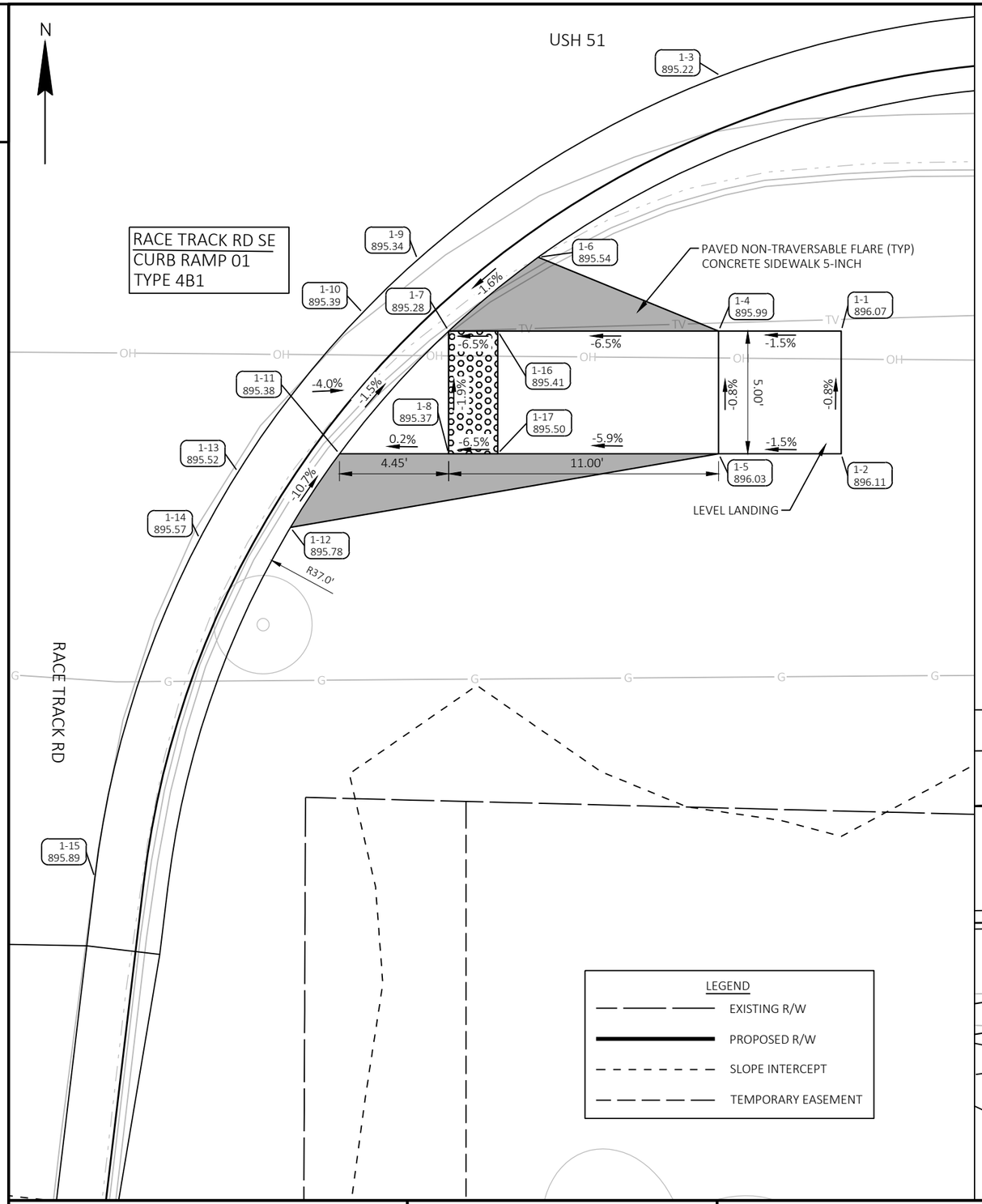
WISDOT/CADDS SHEET 44



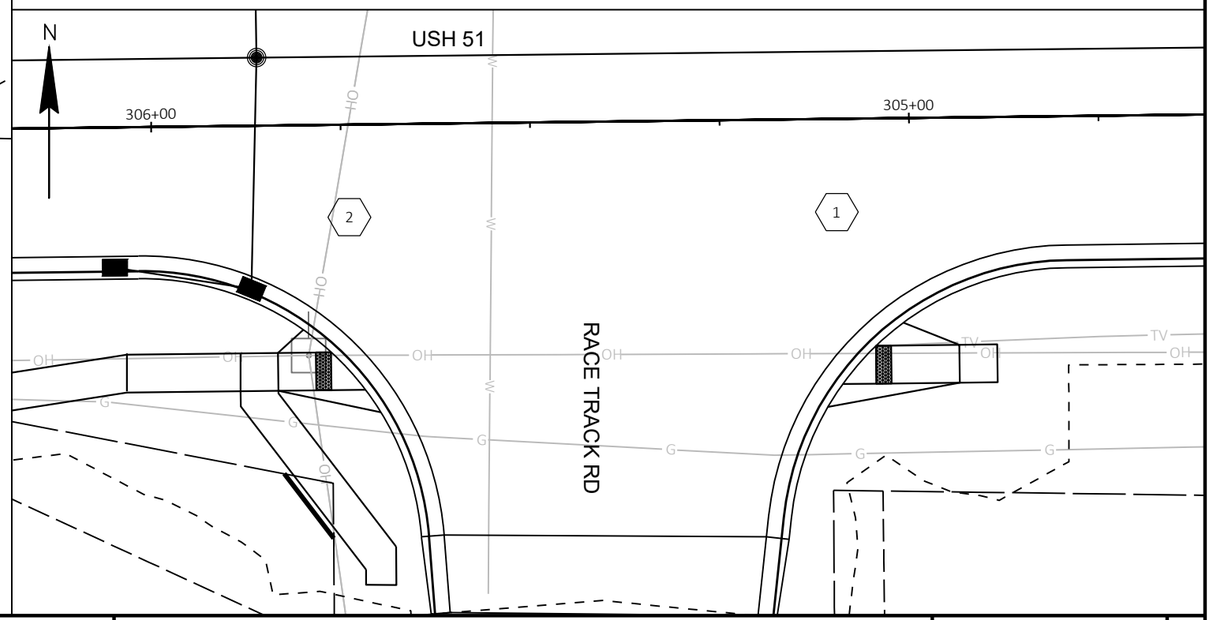
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET 44	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021220-PD.DWG
LAYOUT NAME - 021214

PLOT DATE : 7/26/2024 2:44 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT



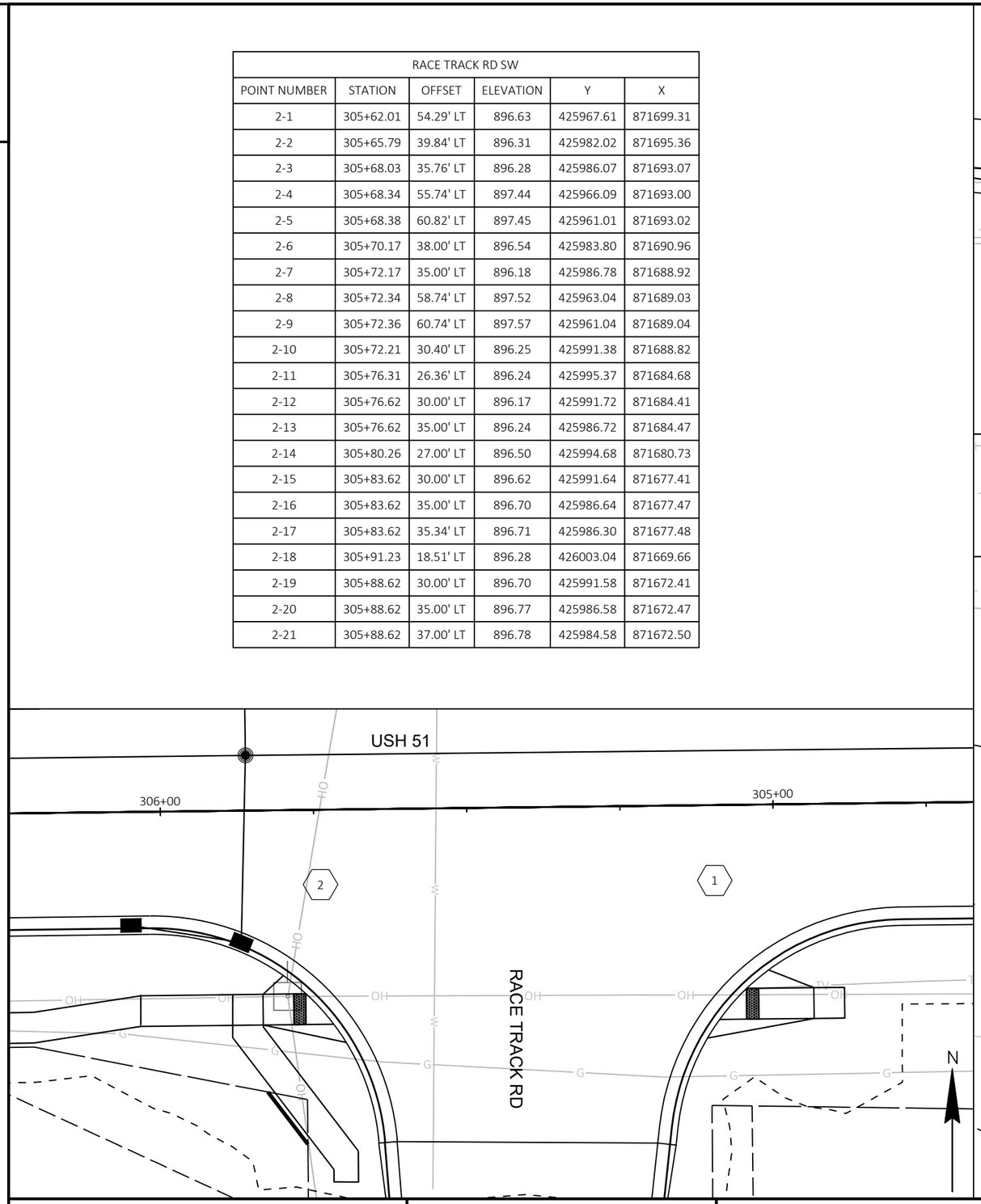
RACE TRACK RD SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
1-1	304+88.70	30.00' LT	896.07	425992.78	871772.32
1-2	304+88.70	35.00' LT	896.11	425987.78	871772.38
1-3	304+93.61	19.61' LT	895.22	426003.11	871767.29
1-4	304+93.70	30.00' LT	895.99	425992.72	871767.32
1-5	304+93.70	35.00' LT	896.03	425987.72	871767.38
1-6	305+01.06	27.00' LT	895.54	425995.63	871759.93
1-7	305+04.70	30.00' LT	895.28	425992.59	871756.32
1-8	305+04.70	35.00' LT	895.37	425987.59	871756.38
1-9	305+05.97	27.09' LT	895.34	425995.48	871755.02
1-10	305+08.19	29.27' LT	895.39	425993.28	871752.82
1-11	305+09.15	35.00' LT	895.38	425987.53	871751.93
1-12	305+11.15	38.00' LT	895.78	425984.51	871749.97
1-13	305+13.28	35.76' LT	895.52	425986.73	871747.81
1-14	305+14.86	38.47' LT	895.57	425983.99	871746.27
1-15	305+19.12	52.27' LT	895.89	425970.14	871742.17
1-16	305+02.70	30.00' LT	895.41	425992.61	871758.32
1-17	305+02.70	35.00' LT	895.50	425987.61	871758.38

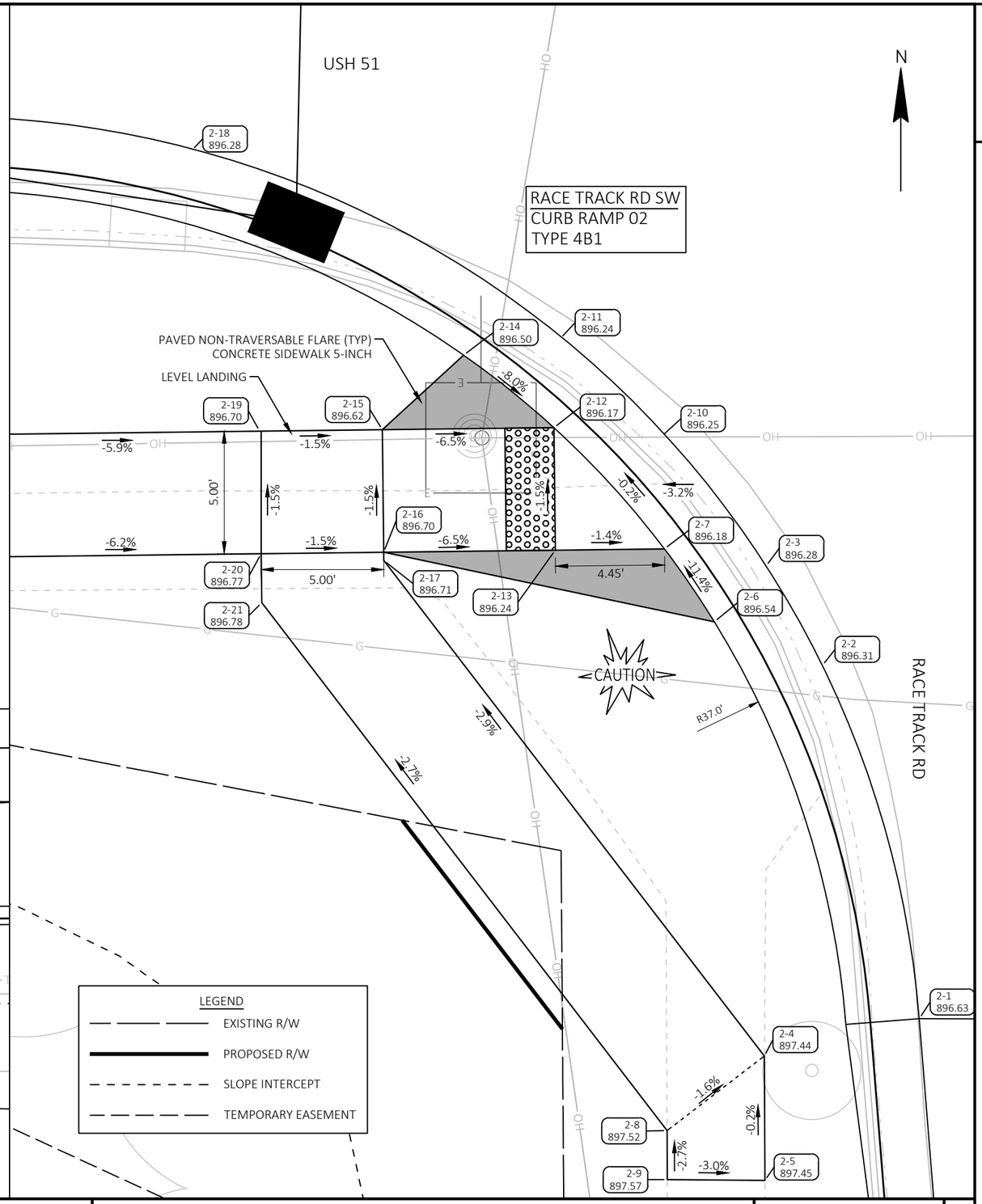


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS: RACE TRACK ROAD	SHEET 45	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - Race Track Road
PLOT DATE : 9/30/2024 4:12 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : #########
WISDOT/CADDS SHEET 42

RACE TRACK RD SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
2-1	305+62.01	54.29' LT	896.63	425967.61	871699.31
2-2	305+65.79	39.84' LT	896.31	425982.02	871695.36
2-3	305+68.03	35.76' LT	896.28	425986.07	871693.07
2-4	305+68.34	55.74' LT	897.44	425966.09	871693.00
2-5	305+68.38	60.82' LT	897.45	425961.01	871693.02
2-6	305+70.17	38.00' LT	896.54	425983.80	871690.96
2-7	305+72.17	35.00' LT	896.18	425986.78	871688.92
2-8	305+72.34	58.74' LT	897.52	425963.04	871689.03
2-9	305+72.36	60.74' LT	897.57	425961.04	871689.04
2-10	305+72.21	30.40' LT	896.25	425991.38	871688.82
2-11	305+76.31	26.36' LT	896.24	425995.37	871684.68
2-12	305+76.62	30.00' LT	896.17	425991.72	871684.41
2-13	305+76.62	35.00' LT	896.24	425986.72	871684.47
2-14	305+80.26	27.00' LT	896.50	425994.68	871680.73
2-15	305+83.62	30.00' LT	896.62	425991.64	871677.41
2-16	305+83.62	35.00' LT	896.70	425986.64	871677.47
2-17	305+83.62	35.34' LT	896.71	425986.30	871677.48
2-18	305+91.23	18.51' LT	896.28	426003.04	871669.66
2-19	305+88.62	30.00' LT	896.70	425991.58	871672.41
2-20	305+88.62	35.00' LT	896.77	425986.58	871672.47
2-21	305+88.62	37.00' LT	896.78	425984.58	871672.50





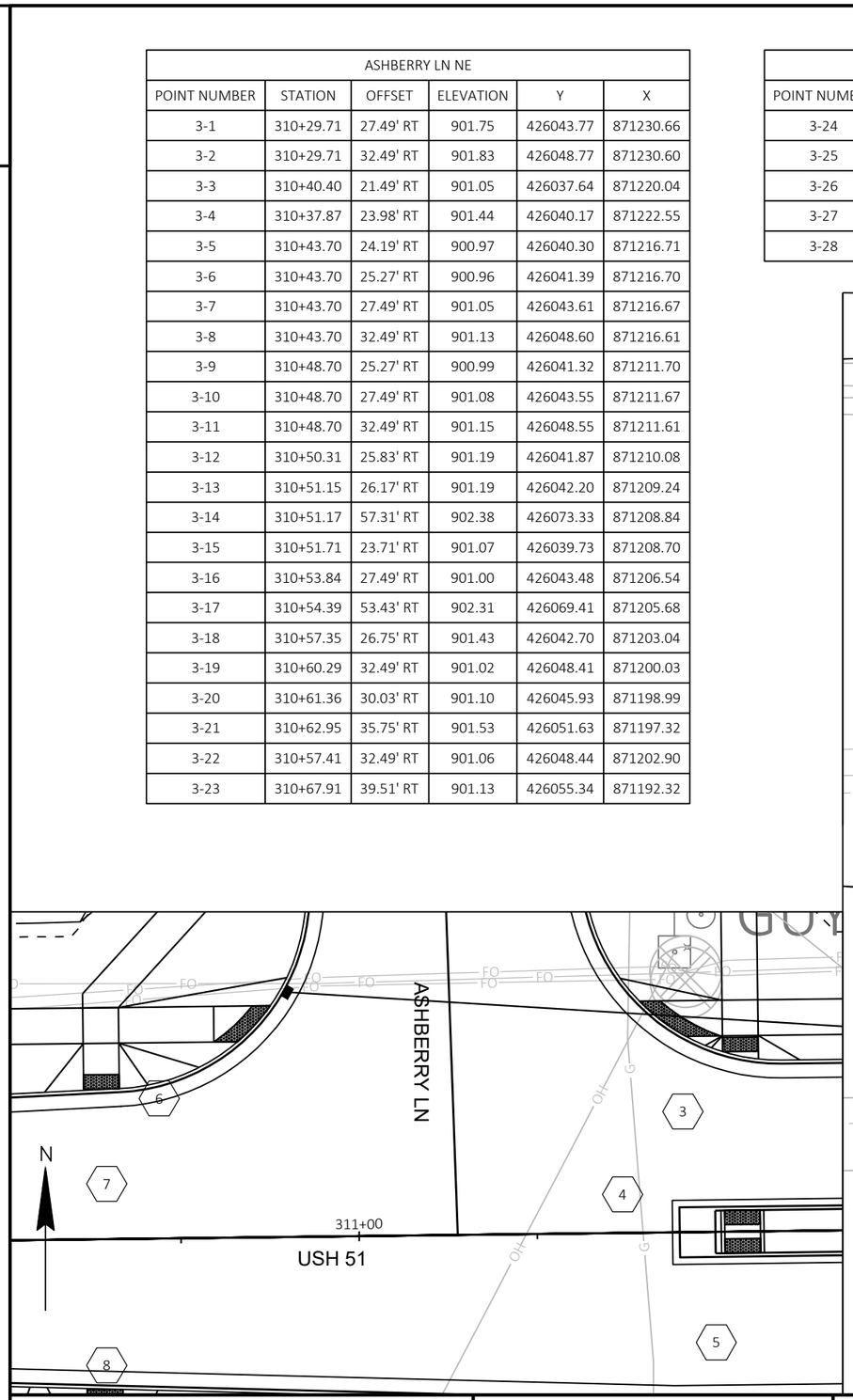
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 46	E

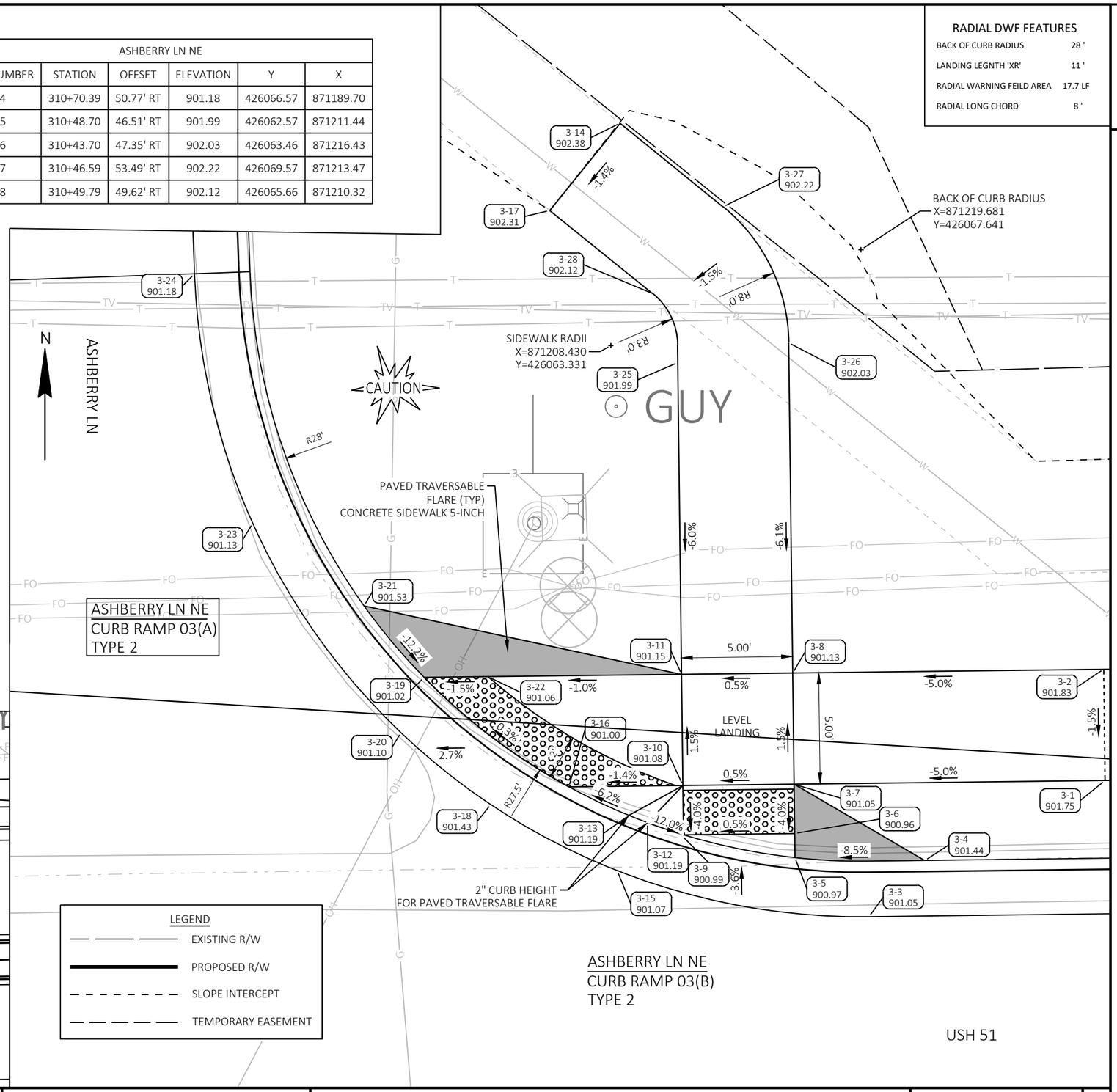
ASHBERRY LN NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
3-1	310+29.71	27.49' RT	901.75	426043.77	871230.66
3-2	310+29.71	32.49' RT	901.83	426048.77	871230.60
3-3	310+40.40	21.49' RT	901.05	426037.64	871220.04
3-4	310+37.87	23.98' RT	901.44	426040.17	871222.55
3-5	310+43.70	24.19' RT	900.97	426040.30	871216.71
3-6	310+43.70	25.27' RT	900.96	426041.39	871216.70
3-7	310+43.70	27.49' RT	901.05	426043.61	871216.67
3-8	310+43.70	32.49' RT	901.13	426048.60	871216.61
3-9	310+48.70	25.27' RT	900.99	426041.32	871211.70
3-10	310+48.70	27.49' RT	901.08	426043.55	871211.67
3-11	310+48.70	32.49' RT	901.15	426048.55	871211.61
3-12	310+50.31	25.83' RT	901.19	426041.87	871210.08
3-13	310+51.15	26.17' RT	901.19	426042.20	871209.24
3-14	310+51.17	57.31' RT	902.38	426073.33	871208.84
3-15	310+51.71	23.71' RT	901.07	426039.73	871208.70
3-16	310+53.84	27.49' RT	901.00	426043.48	871206.54
3-17	310+54.39	53.43' RT	902.31	426069.41	871205.68
3-18	310+57.35	26.75' RT	901.43	426042.70	871203.04
3-19	310+60.29	32.49' RT	901.02	426048.41	871200.03
3-20	310+61.36	30.03' RT	901.10	426045.93	871198.99
3-21	310+62.95	35.75' RT	901.53	426051.63	871197.32
3-22	310+57.41	32.49' RT	901.06	426048.44	871202.90
3-23	310+67.91	39.51' RT	901.13	426055.34	871192.32

ASHBERRY LN NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
3-24	310+70.39	50.77' RT	901.18	426066.57	871189.70
3-25	310+48.70	46.51' RT	901.99	426062.57	871211.44
3-26	310+43.70	47.35' RT	902.03	426063.46	871216.43
3-27	310+46.59	53.49' RT	902.22	426069.57	871213.47
3-28	310+49.79	49.62' RT	902.12	426065.66	871210.32

RADIAL DWF FEATURES

BACK OF CURB RADIUS	28 '
LANDING LEGNTH 'XR'	11 '
RADIAL WARNING FEILD AREA	17.7 LF
RADIAL LONG CHORD	8 '

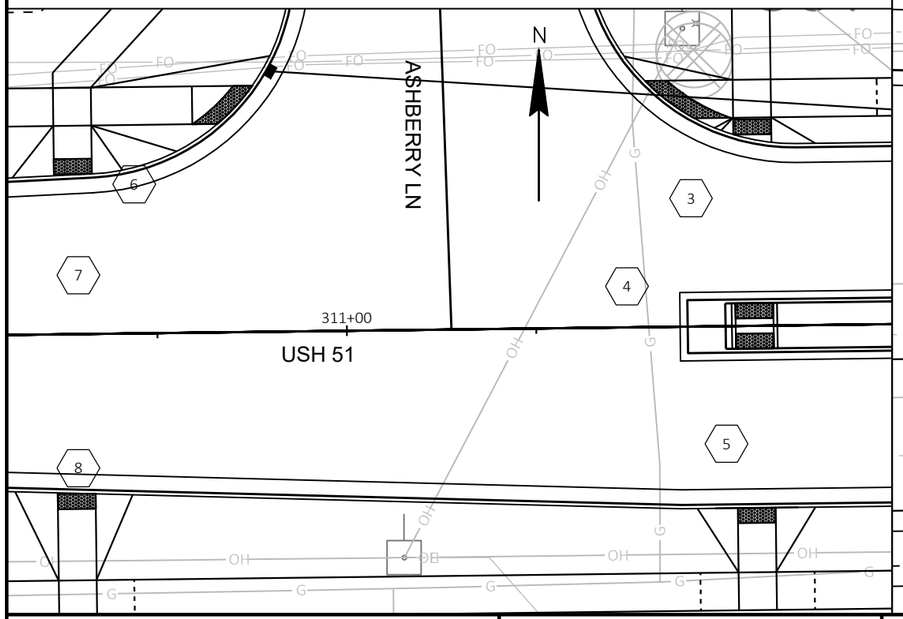


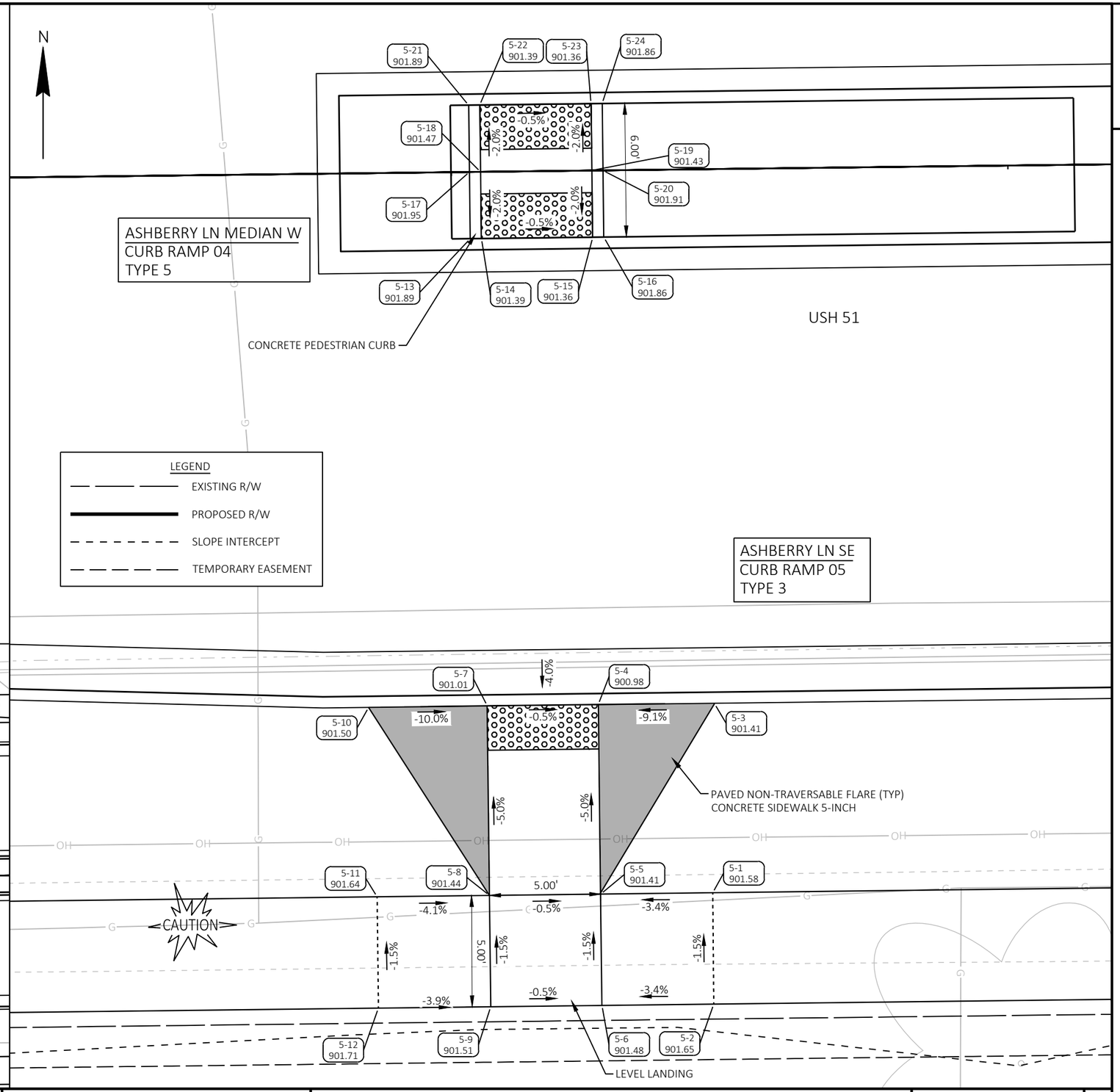


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 47	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - Ashberry Lane
PLOT DATE : 9/30/2024 4:13 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : #########

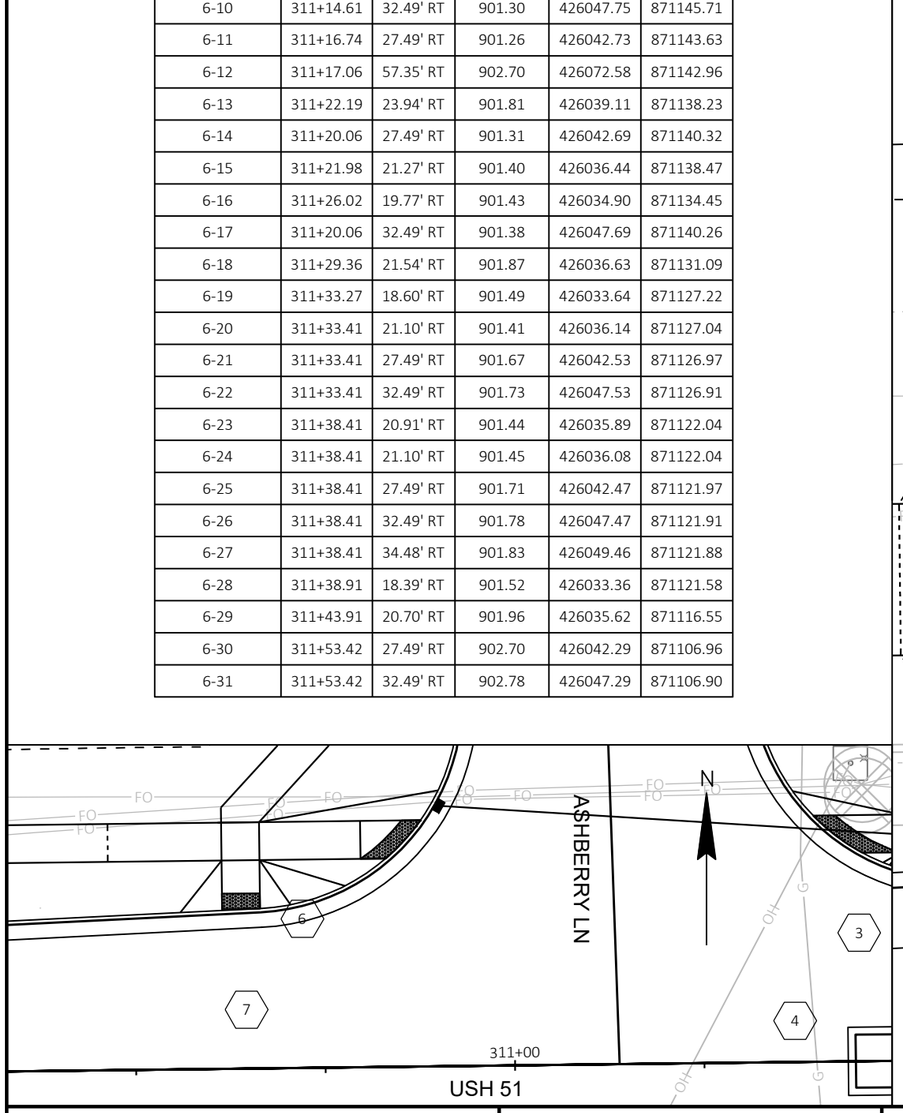
ASHBERRY LN SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
5-1	310+38.65	32.51' LT	901.58	425983.67	871222.44
5-2	310+38.67	37.51' LT	901.65	425978.67	871222.48
5-3	310+38.47	24.01' LT	901.41	425992.17	871222.52
5-4	310+43.69	23.99' LT	900.98	425992.13	871217.30
5-5	310+43.69	32.51' LT	901.41	425983.61	871217.40
5-6	310+43.69	37.51' LT	901.48	425978.61	871217.46
5-7	310+48.69	23.99' LT	901.01	425992.07	871212.30
5-8	310+48.69	32.51' LT	901.44	425983.55	871212.41
5-9	310+48.69	37.51' LT	901.51	425978.55	871212.47
5-10	310+54.02	23.99' LT	901.50	425992.00	871206.97
5-11	310+53.73	32.51' LT	901.64	425983.49	871207.36
5-12	310+53.73	37.51' LT	901.71	425978.49	871207.42
5-13	310+49.19	3.00' LT	901.89	426013.05	871211.55
5-14	310+48.69	3.00' LT	901.39	426013.06	871212.05
5-15	310+43.69	3.00' LT	901.36	426013.12	871217.05
5-16	310+43.19	3.00' LT	901.86	426013.12	871217.55
5-17	310+49.19	0.00'	901.95	426016.05	871211.51
5-18	310+48.69	0.00'	901.47	426016.06	871212.01
5-19	310+43.69	0.00'	901.43	426016.12	871217.01
5-20	310+43.19	0.01' LT	901.91	426016.12	871217.51
5-21	310+49.19	3.00' RT	901.89	426019.05	871211.47
5-22	310+48.69	3.00' RT	901.39	426019.06	871211.97
5-23	310+43.69	3.00' RT	901.36	426019.12	871216.97
5-24	310+43.19	3.00' RT	901.86	426019.12	871217.47

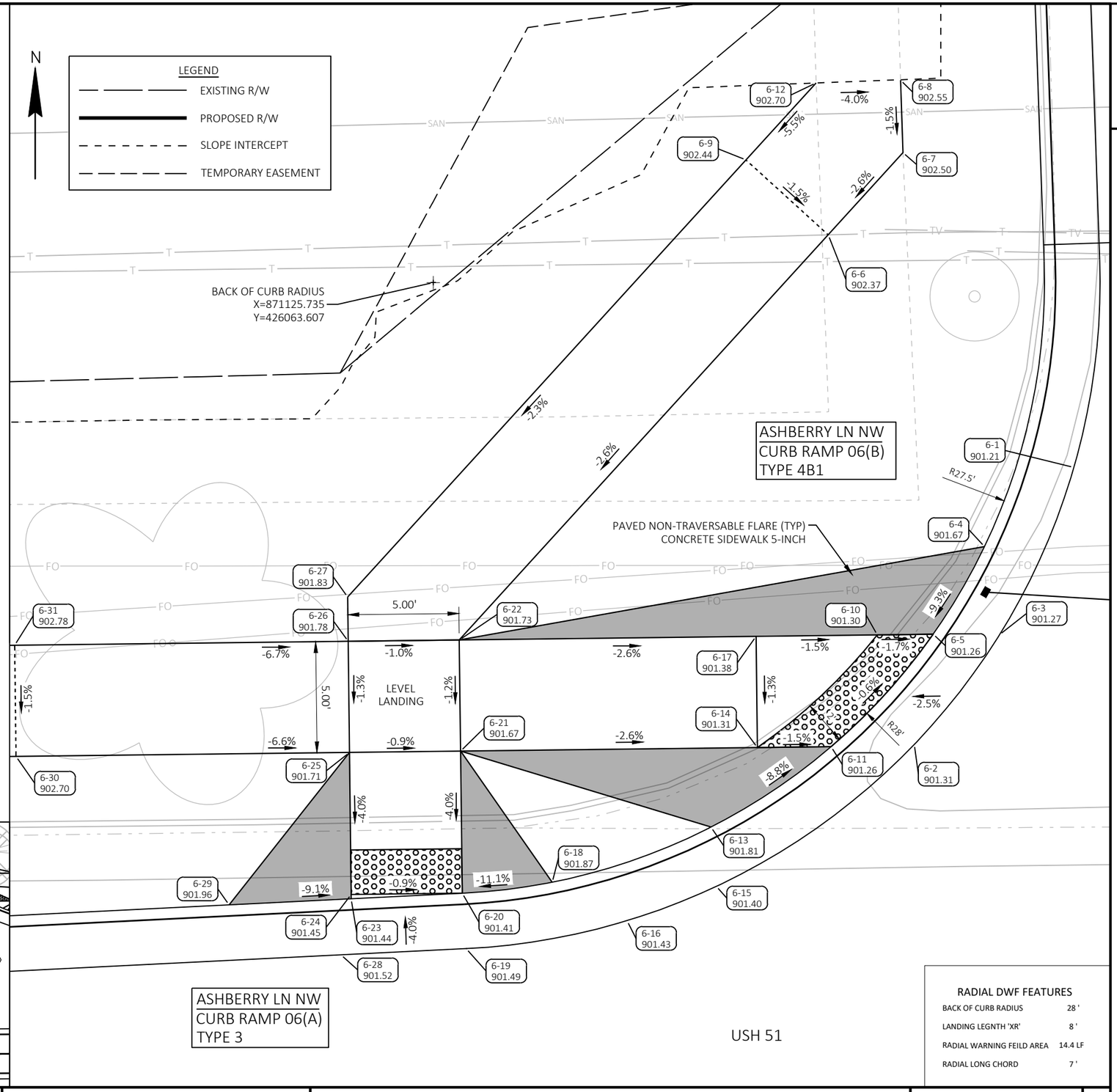




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 48	E

ASHBERRY LN NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
6-1	311+05.67	39.92' RT	901.21	426055.29	871154.56
6-2	311+13.00	27.55' RT	901.31	426042.83	871147.38
6-3	311+09.11	32.43' RT	901.27	426047.76	871151.21
6-4	311+09.73	36.40' RT	901.67	426051.72	871150.54
6-5	311+12.09	32.49' RT	901.26	426047.78	871148.23
6-6	311+16.60	50.51' RT	902.37	426065.75	871143.50
6-7	311+13.19	54.17' RT	902.50	426069.45	871146.87
6-8	311+13.26	57.43' RT	902.55	426072.71	871146.76
6-9	311+20.26	53.93' RT	902.44	426069.12	871139.80
6-10	311+14.61	32.49' RT	901.30	426047.75	871145.71
6-11	311+16.74	27.49' RT	901.26	426042.73	871143.63
6-12	311+17.06	57.35' RT	902.70	426072.58	871142.96
6-13	311+22.19	23.94' RT	901.81	426039.11	871138.23
6-14	311+20.06	27.49' RT	901.31	426042.69	871140.32
6-15	311+21.98	21.27' RT	901.40	426036.44	871138.47
6-16	311+26.02	19.77' RT	901.43	426034.90	871134.45
6-17	311+20.06	32.49' RT	901.38	426047.69	871140.26
6-18	311+29.36	21.54' RT	901.87	426036.63	871131.09
6-19	311+33.27	18.60' RT	901.49	426033.64	871127.22
6-20	311+33.41	21.10' RT	901.41	426036.14	871127.04
6-21	311+33.41	27.49' RT	901.67	426042.53	871126.97
6-22	311+33.41	32.49' RT	901.73	426047.53	871126.91
6-23	311+38.41	20.91' RT	901.44	426035.89	871122.04
6-24	311+38.41	21.10' RT	901.45	426036.08	871122.04
6-25	311+38.41	27.49' RT	901.71	426042.47	871121.97
6-26	311+38.41	32.49' RT	901.78	426047.47	871121.91
6-27	311+38.41	34.48' RT	901.83	426049.46	871121.88
6-28	311+38.91	18.39' RT	901.52	426033.36	871121.58
6-29	311+43.91	20.70' RT	901.96	426035.62	871116.55
6-30	311+53.42	27.49' RT	902.70	426042.29	871106.96
6-31	311+53.42	32.49' RT	902.78	426047.29	871106.90





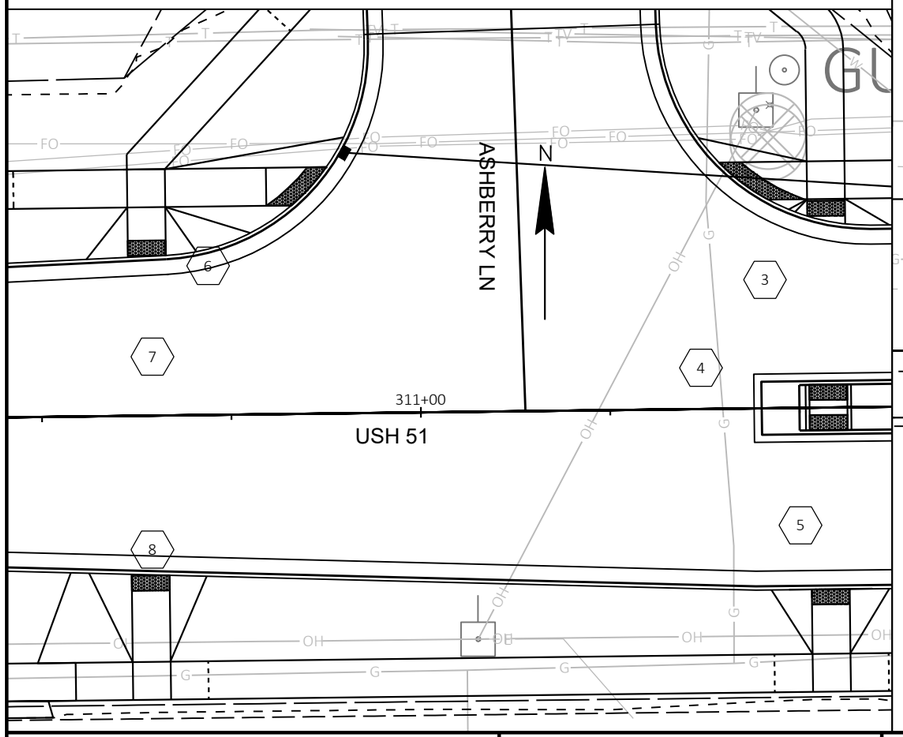
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 49	E

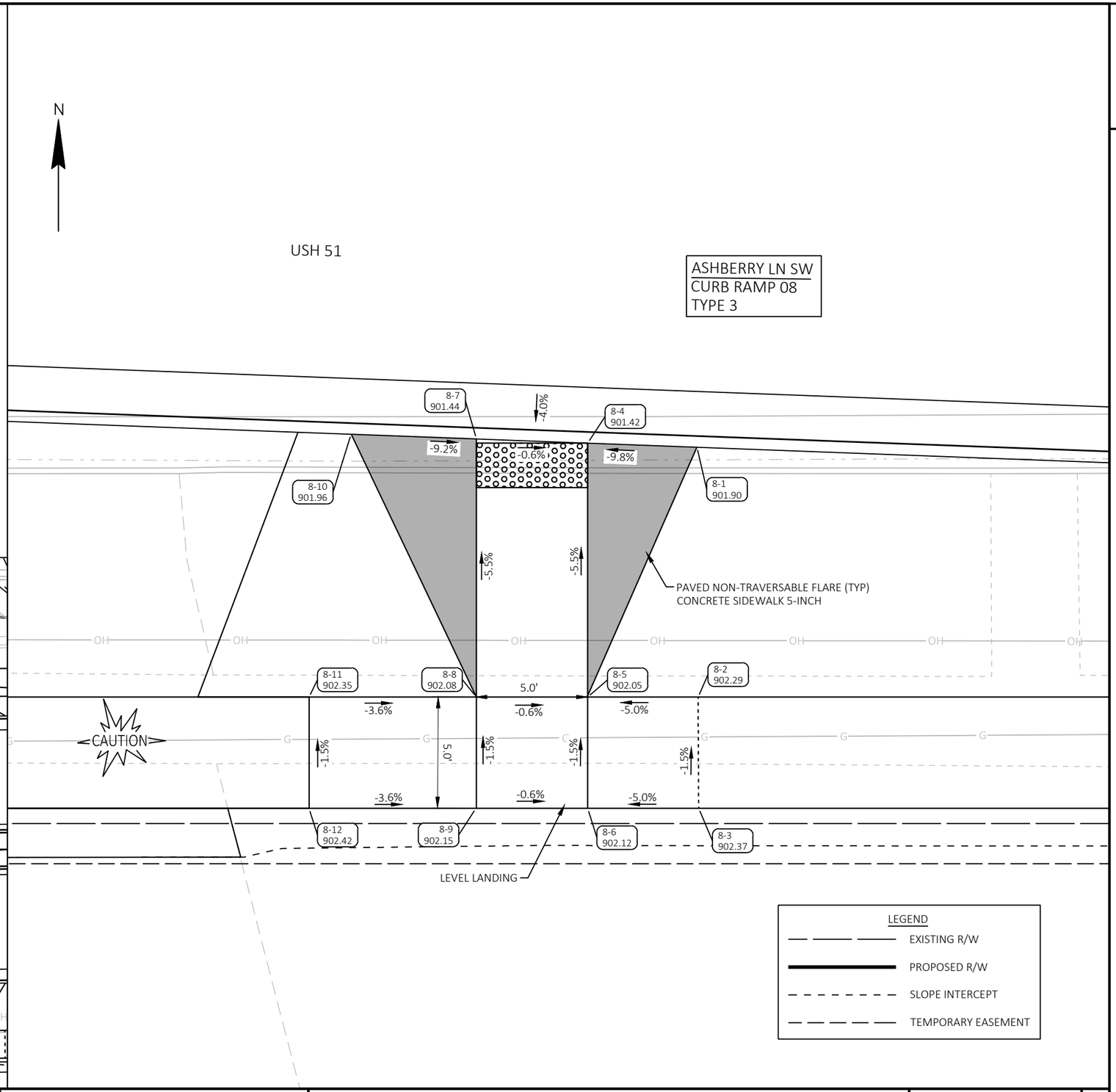
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - Ashberry Lane (3)

PLOT DATE : 9/30/2024 4:13 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########

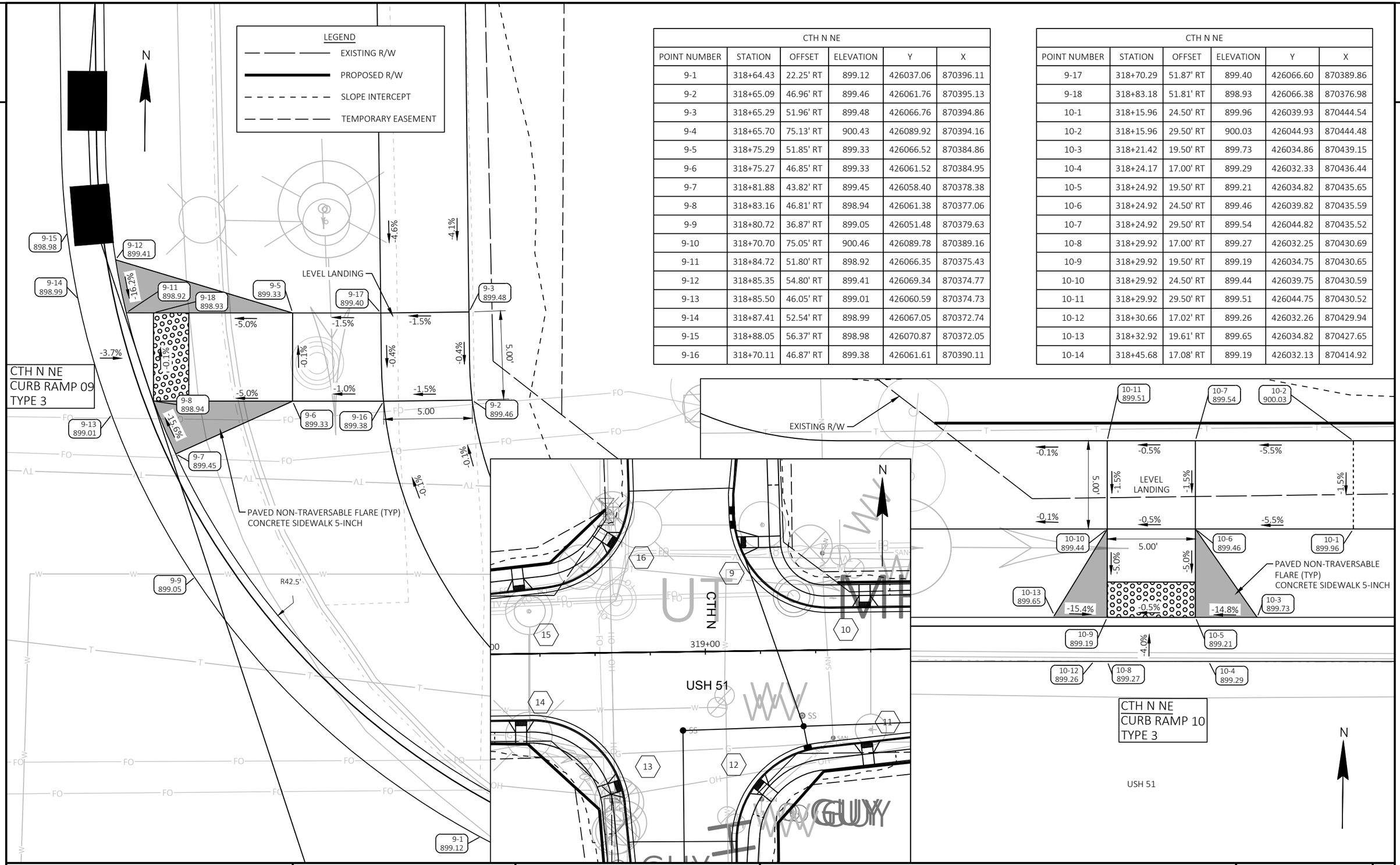
WISDOT/CADDS SHEET 42

ASHBERRY LN SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
8-1	311+28.51	21.28' LT	901.90	425993.82	871132.46
8-2	311+28.45	32.51' LT	902.29	425982.59	871132.64
8-3	311+28.43	37.51' LT	902.37	425977.59	871132.73
8-4	311+33.41	21.10' LT	901.42	425993.94	871127.55
8-5	311+33.41	32.51' LT	902.05	425982.53	871127.69
8-6	311+33.41	37.51' LT	902.12	425977.53	871127.75
8-7	311+38.41	20.91' LT	901.44	425994.07	871122.55
8-8	311+38.41	32.51' LT	902.08	425982.47	871122.69
8-9	311+38.44	37.51' LT	902.15	425977.47	871122.72
8-10	311+44.04	20.70' LT	901.96	425994.21	871116.92
8-11	311+45.94	32.51' LT	902.35	425982.38	871115.16
8-12	311+45.94	37.51' LT	902.42	425977.38	871115.22





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 50	E



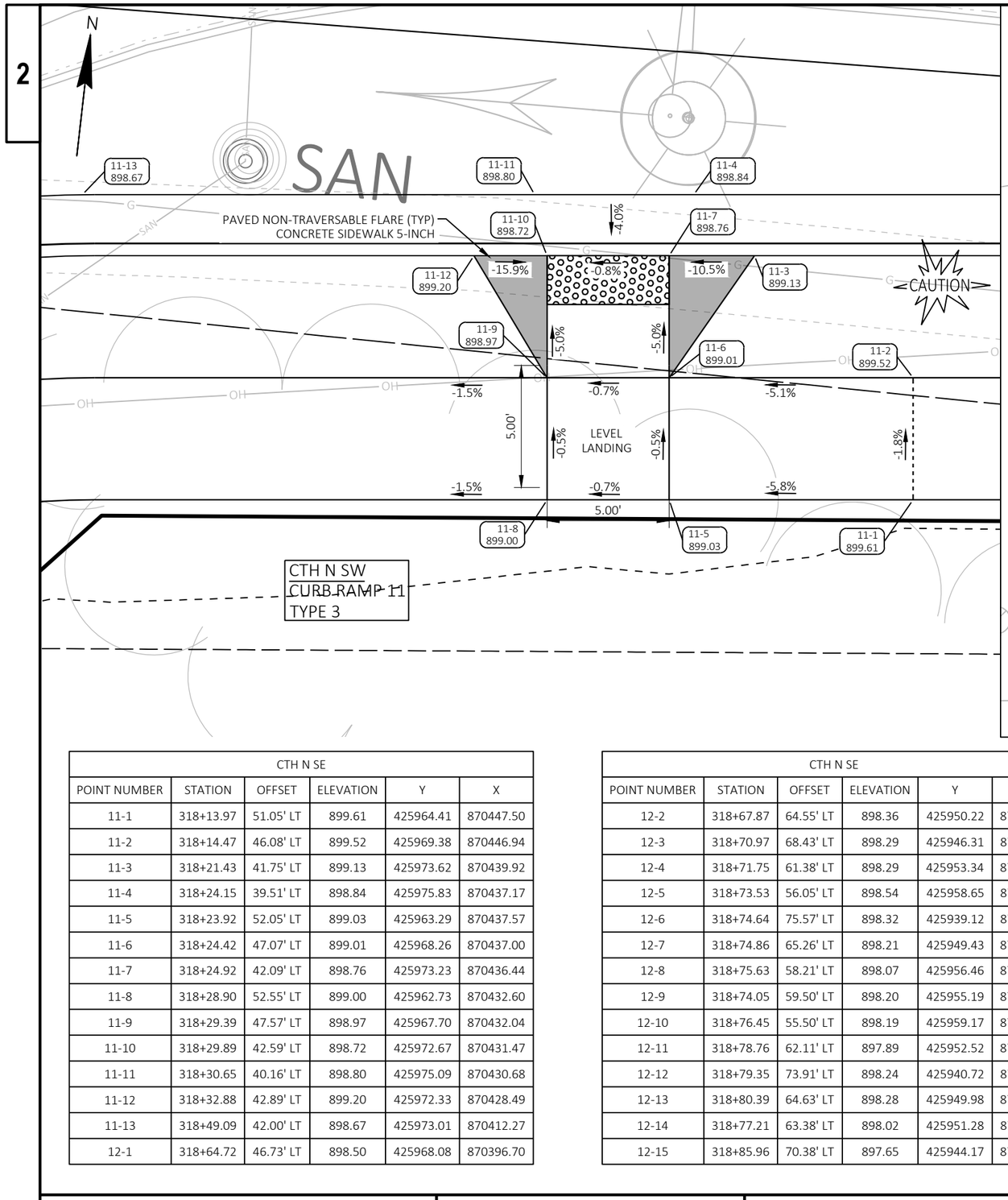
CTH N NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
9-1	318+64.43	22.25' RT	899.12	426037.06	870396.11
9-2	318+65.09	46.96' RT	899.46	426061.76	870395.13
9-3	318+65.29	51.96' RT	899.48	426066.76	870394.86
9-4	318+65.70	75.13' RT	900.43	426089.92	870394.16
9-5	318+75.29	51.85' RT	899.33	426066.52	870384.86
9-6	318+75.27	46.85' RT	899.33	426061.52	870384.95
9-7	318+81.88	43.82' RT	899.45	426058.40	870378.38
9-8	318+83.16	46.81' RT	898.94	426061.38	870377.06
9-9	318+80.72	36.87' RT	899.05	426051.48	870379.63
9-10	318+70.70	75.05' RT	900.46	426089.78	870389.16
9-11	318+84.72	51.80' RT	898.92	426066.35	870375.43
9-12	318+85.35	54.80' RT	899.41	426069.34	870374.77
9-13	318+85.50	46.05' RT	899.01	426060.59	870374.73
9-14	318+87.41	52.54' RT	898.99	426067.05	870372.74
9-15	318+88.05	56.37' RT	898.98	426070.87	870372.05
9-16	318+70.11	46.87' RT	899.38	426061.61	870390.11

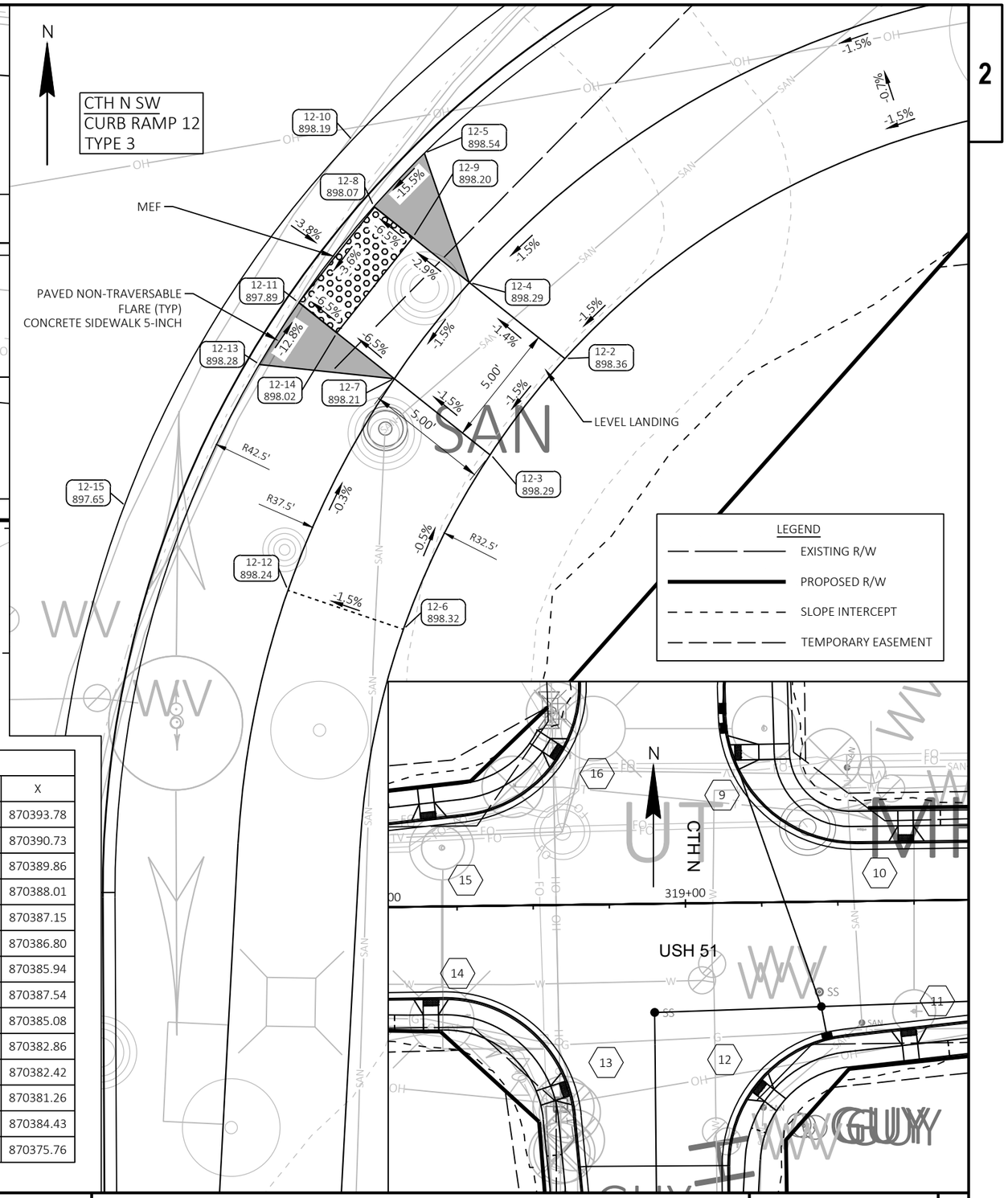
CTH N NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
9-17	318+70.29	51.87' RT	899.40	426066.60	870389.86
9-18	318+83.18	51.81' RT	898.93	426066.38	870376.98
10-1	318+15.96	24.50' RT	899.96	426039.93	870444.54
10-2	318+15.96	29.50' RT	900.03	426044.93	870444.48
10-3	318+21.42	19.50' RT	899.73	426034.86	870439.15
10-4	318+24.17	17.00' RT	899.29	426032.33	870436.44
10-5	318+24.92	19.50' RT	899.21	426034.82	870435.65
10-6	318+24.92	24.50' RT	899.46	426039.82	870435.59
10-7	318+24.92	29.50' RT	899.54	426044.82	870435.52
10-8	318+29.92	17.00' RT	899.27	426032.25	870430.69
10-9	318+29.92	19.50' RT	899.19	426034.75	870430.65
10-10	318+29.92	24.50' RT	899.44	426039.75	870430.59
10-11	318+29.92	29.50' RT	899.51	426044.75	870430.52
10-12	318+30.66	17.02' RT	899.26	426032.26	870429.94
10-13	318+32.92	19.61' RT	899.65	426034.82	870427.65
10-14	318+45.68	17.08' RT	899.19	426032.13	870414.92

2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 51	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - CTH N
PLOT DATE : 9/30/2024 4:14 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42



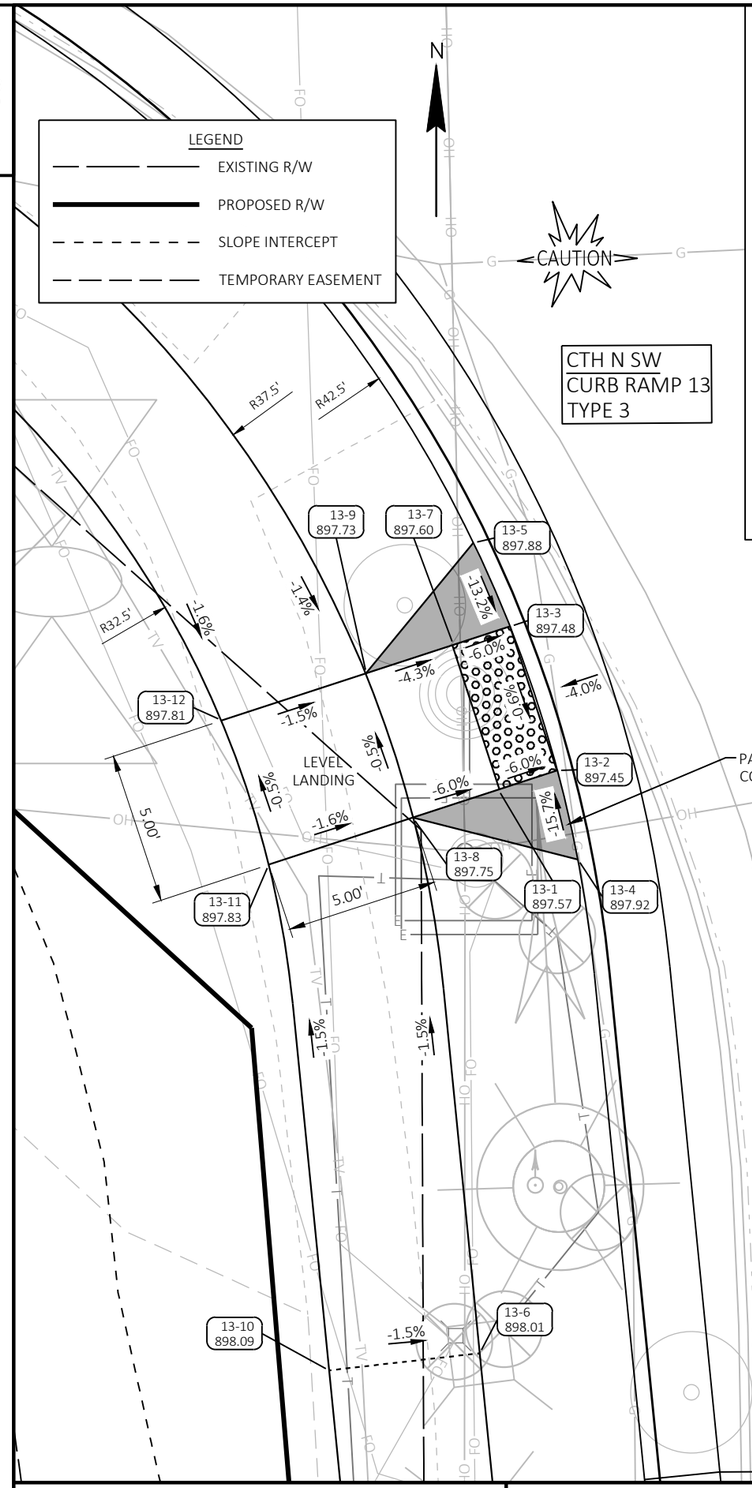


CTH N SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
11-1	318+13.97	51.05' LT	899.61	425964.41	870447.50
11-2	318+14.47	46.08' LT	899.52	425969.38	870446.94
11-3	318+21.43	41.75' LT	899.13	425973.62	870439.92
11-4	318+24.15	39.51' LT	898.84	425975.83	870437.17
11-5	318+23.92	52.05' LT	899.03	425963.29	870437.57
11-6	318+24.42	47.07' LT	899.01	425968.26	870437.00
11-7	318+24.92	42.09' LT	898.76	425973.23	870436.44
11-8	318+28.90	52.55' LT	899.00	425962.73	870432.60
11-9	318+29.39	47.57' LT	898.97	425967.70	870432.04
11-10	318+29.89	42.59' LT	898.72	425972.67	870431.47
11-11	318+30.65	40.16' LT	898.80	425975.09	870430.68
11-12	318+32.88	42.89' LT	899.20	425972.33	870428.49
11-13	318+49.09	42.00' LT	898.67	425973.01	870412.27
12-1	318+64.72	46.73' LT	898.50	425968.08	870396.70

CTH N SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
12-2	318+67.87	64.55' LT	898.36	425950.22	870393.78
12-3	318+70.97	68.43' LT	898.29	425946.31	870390.73
12-4	318+71.75	61.38' LT	898.29	425953.34	870389.86
12-5	318+73.53	56.05' LT	898.54	425958.65	870388.01
12-6	318+74.64	75.57' LT	898.32	425939.12	870387.15
12-7	318+74.86	65.26' LT	898.21	425949.43	870386.80
12-8	318+75.63	58.21' LT	898.07	425956.46	870385.94
12-9	318+74.05	59.50' LT	898.20	425955.19	870387.54
12-10	318+76.45	55.50' LT	898.19	425959.17	870385.08
12-11	318+78.76	62.11' LT	897.89	425952.52	870382.86
12-12	318+79.35	73.91' LT	898.24	425940.72	870382.42
12-13	318+80.39	64.63' LT	898.28	425949.98	870381.26
12-14	318+77.21	63.38' LT	898.02	425951.28	870384.43
12-15	318+85.96	70.38' LT	897.65	425944.17	870375.76

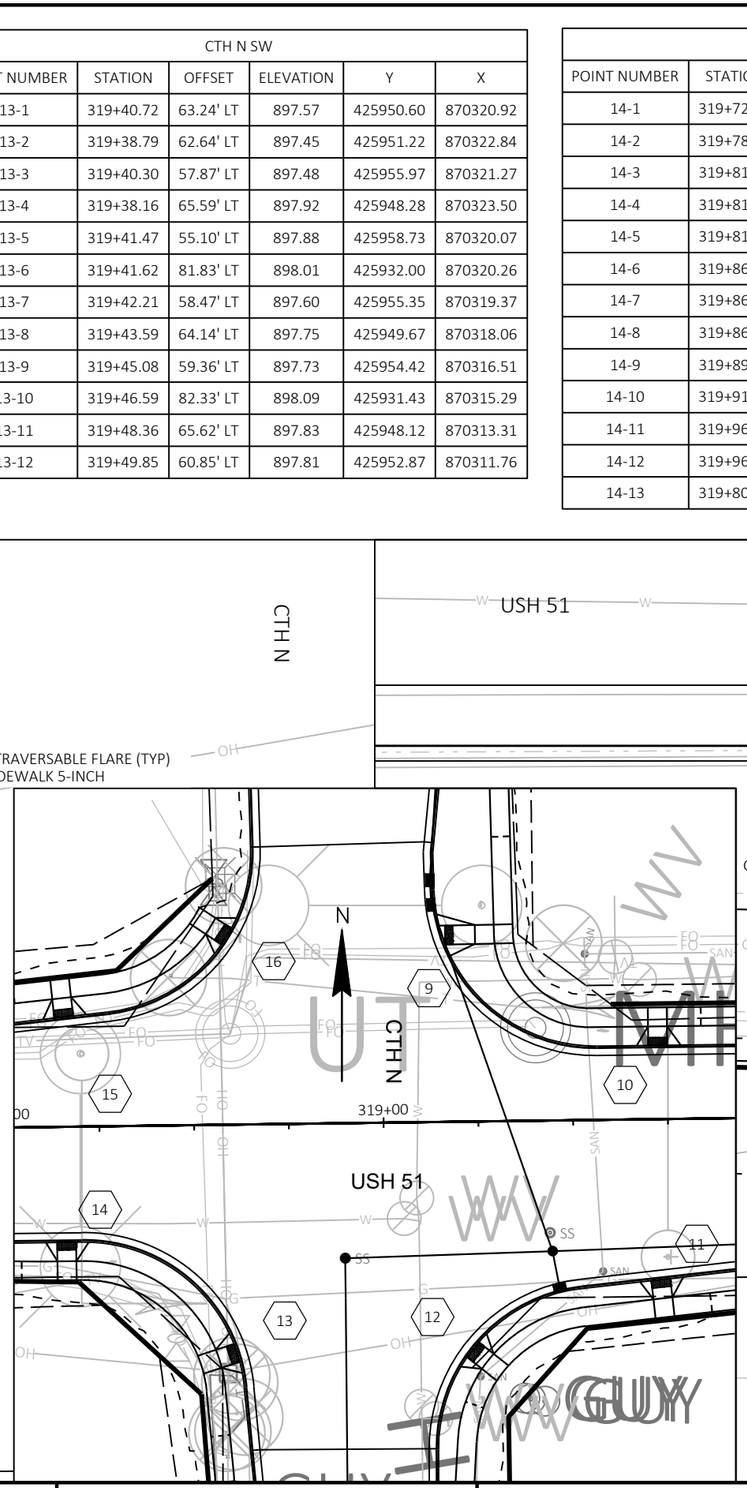
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 52	E

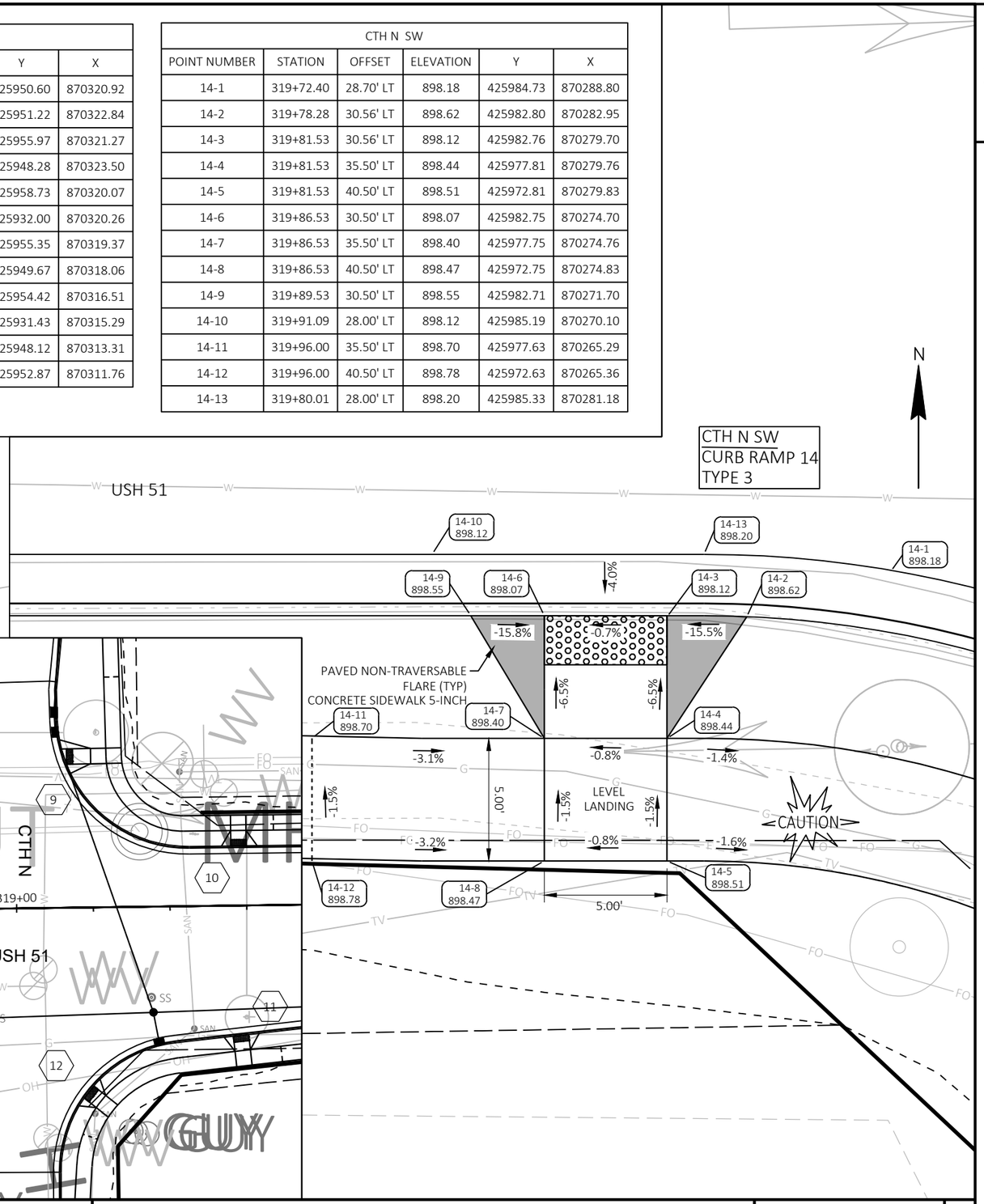
2



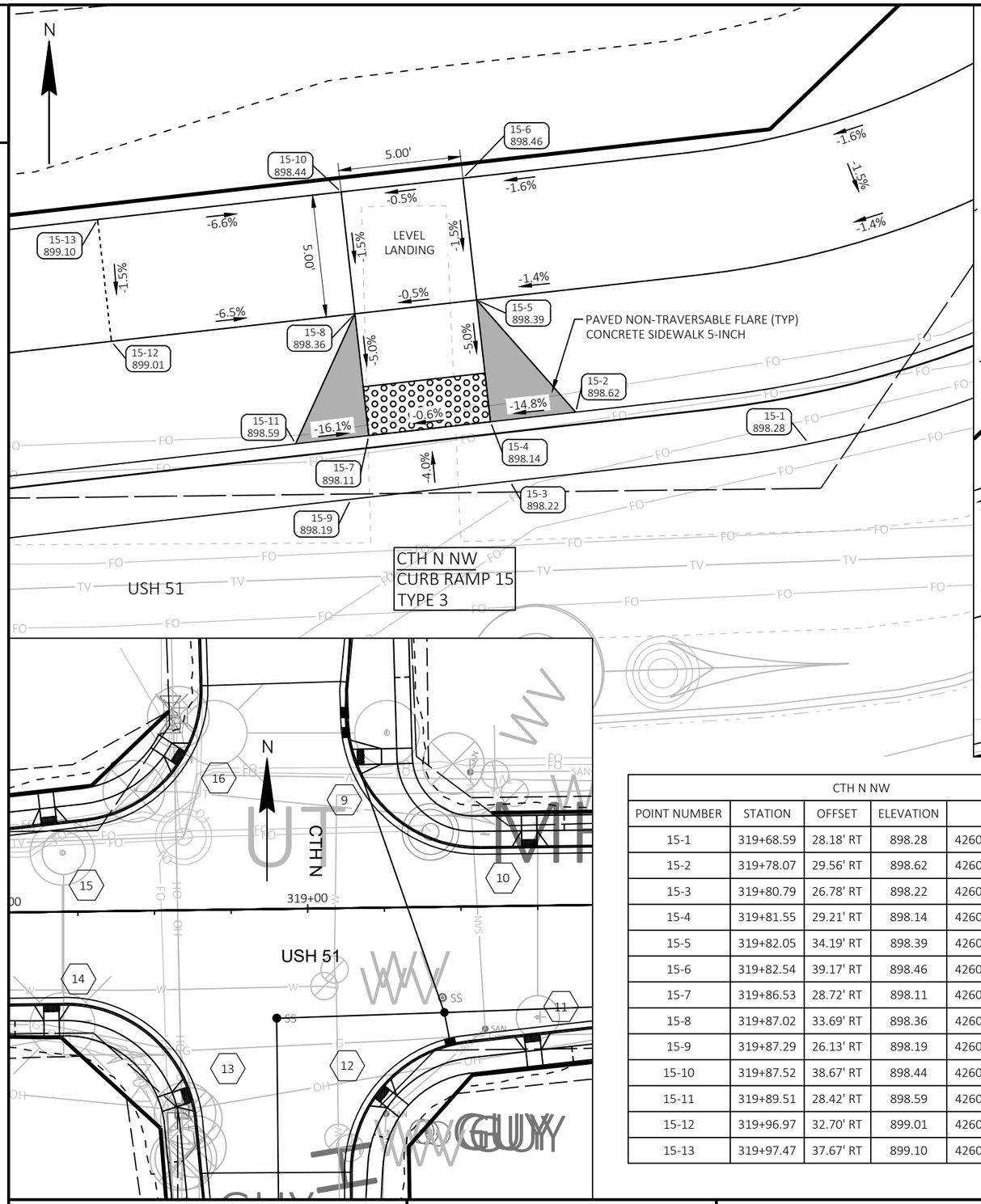
CTH N SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
13-1	319+40.72	63.24' LT	897.57	425950.60	870320.92
13-2	319+38.79	62.64' LT	897.45	425951.22	870322.84
13-3	319+40.30	57.87' LT	897.48	425955.97	870321.27
13-4	319+38.16	65.59' LT	897.92	425948.28	870323.50
13-5	319+41.47	55.10' LT	897.88	425958.73	870320.07
13-6	319+41.62	81.83' LT	898.01	425932.00	870320.26
13-7	319+42.21	58.47' LT	897.60	425955.35	870319.37
13-8	319+43.59	64.14' LT	897.75	425949.67	870318.06
13-9	319+45.08	59.36' LT	897.73	425954.42	870316.51
13-10	319+46.59	82.33' LT	898.09	425931.43	870315.29
13-11	319+48.36	65.62' LT	897.83	425948.12	870313.31
13-12	319+49.85	60.85' LT	897.81	425952.87	870311.76

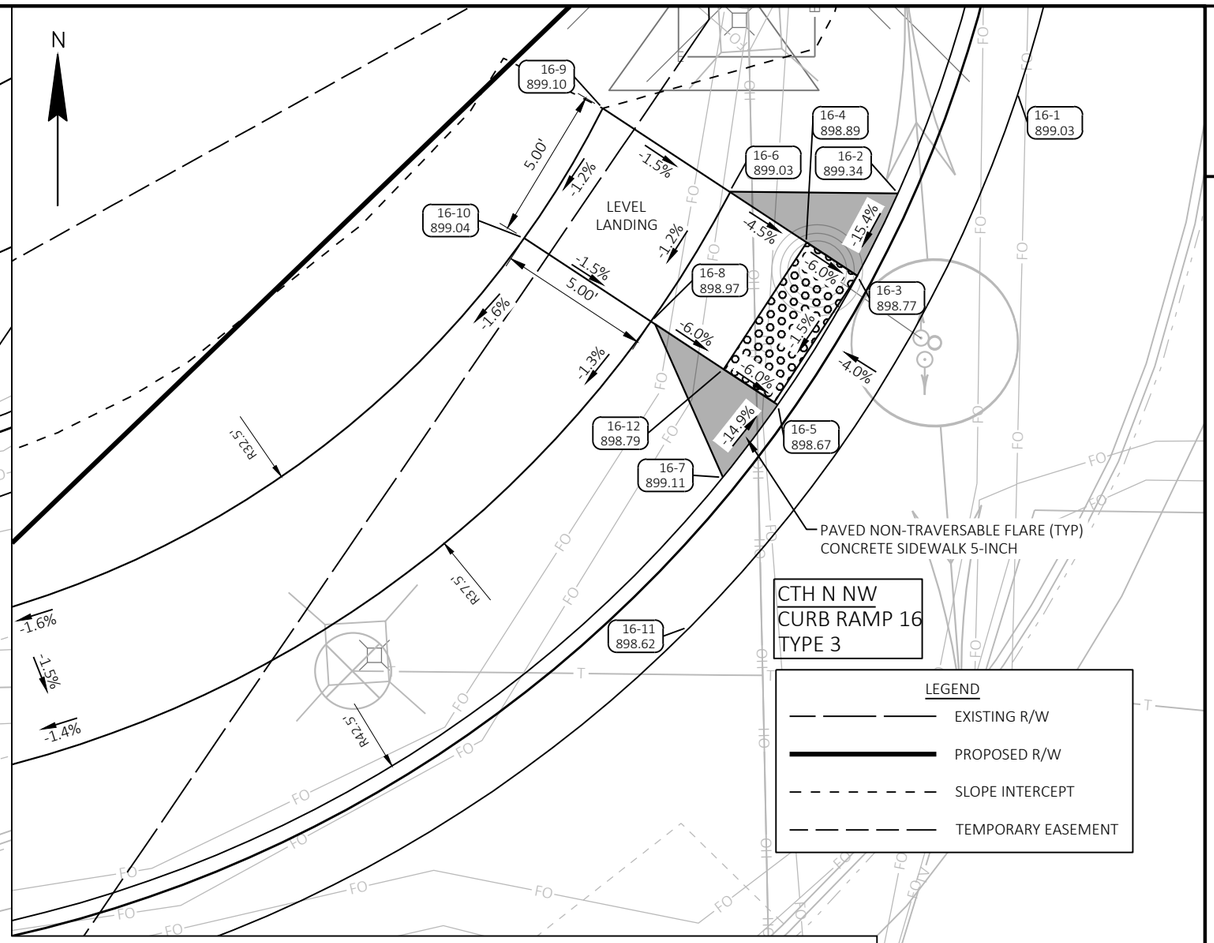
CTH N SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
14-1	319+72.40	28.70' LT	898.18	425984.73	870288.80
14-2	319+78.28	30.56' LT	898.62	425982.80	870282.95
14-3	319+81.53	30.56' LT	898.12	425982.76	870279.70
14-4	319+81.53	35.50' LT	898.44	425977.81	870279.76
14-5	319+81.53	40.50' LT	898.51	425972.81	870279.83
14-6	319+86.53	30.50' LT	898.07	425982.75	870274.70
14-7	319+86.53	35.50' LT	898.40	425977.75	870274.76
14-8	319+86.53	40.50' LT	898.47	425972.75	870274.83
14-9	319+89.53	30.50' LT	898.55	425982.71	870271.70
14-10	319+91.09	28.00' LT	898.12	425985.19	870270.10
14-11	319+96.00	35.50' LT	898.70	425977.63	870265.29
14-12	319+96.00	40.50' LT	898.78	425972.63	870265.36
14-13	319+80.01	28.00' LT	898.20	425985.33	870281.18





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 53	E





CTH N NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
15-1	319+68.59	28.18' RT	898.28	426041.66	870291.87
15-2	319+78.07	29.56' RT	898.62	426042.92	870282.38
15-3	319+80.79	26.78' RT	898.22	426040.10	870279.70
15-4	319+81.55	29.21' RT	898.14	426042.52	870278.91
15-5	319+82.05	34.19' RT	898.39	426047.49	870278.35
15-6	319+82.54	39.17' RT	898.46	426052.46	870277.78
15-7	319+86.53	28.72' RT	898.11	426041.96	870273.94
15-8	319+87.02	33.69' RT	898.36	426046.93	870273.38
15-9	319+87.29	26.13' RT	898.19	426039.36	870273.21
15-10	319+87.52	38.67' RT	898.44	426051.90	870272.82
15-11	319+89.51	28.42' RT	898.59	426041.63	870270.96
15-12	319+96.97	32.70' RT	899.01	426045.81	870263.44
15-13	319+97.47	37.67' RT	899.10	426050.78	870262.88

CTH N NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
16-1	319+34.17	57.78' RT	899.03	426071.70	870325.92
16-2	319+38.13	54.49' RT	899.34	426068.35	870322.00
16-3	319+39.51	51.79' RT	898.77	426065.64	870320.66
16-4	319+41.18	52.88' RT	898.89	426066.70	870318.97
16-5	319+42.19	47.57' RT	898.67	426061.38	870318.03
16-6	319+43.68	54.61' RT	899.03	426068.41	870316.45
16-7	319+44.03	45.19' RT	899.11	426058.98	870316.22
16-8	319+46.33	50.37' RT	898.97	426064.13	870313.85
16-9	319+47.83	57.42' RT	899.10	426071.16	870312.26
16-10	319+50.48	53.17' RT	899.04	426066.88	870309.67
16-11	319+45.24	40.27' RT	898.62	426054.05	870315.07
16-12	319+43.96	48.77' RT	898.79	426062.56	870316.24

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 54	E

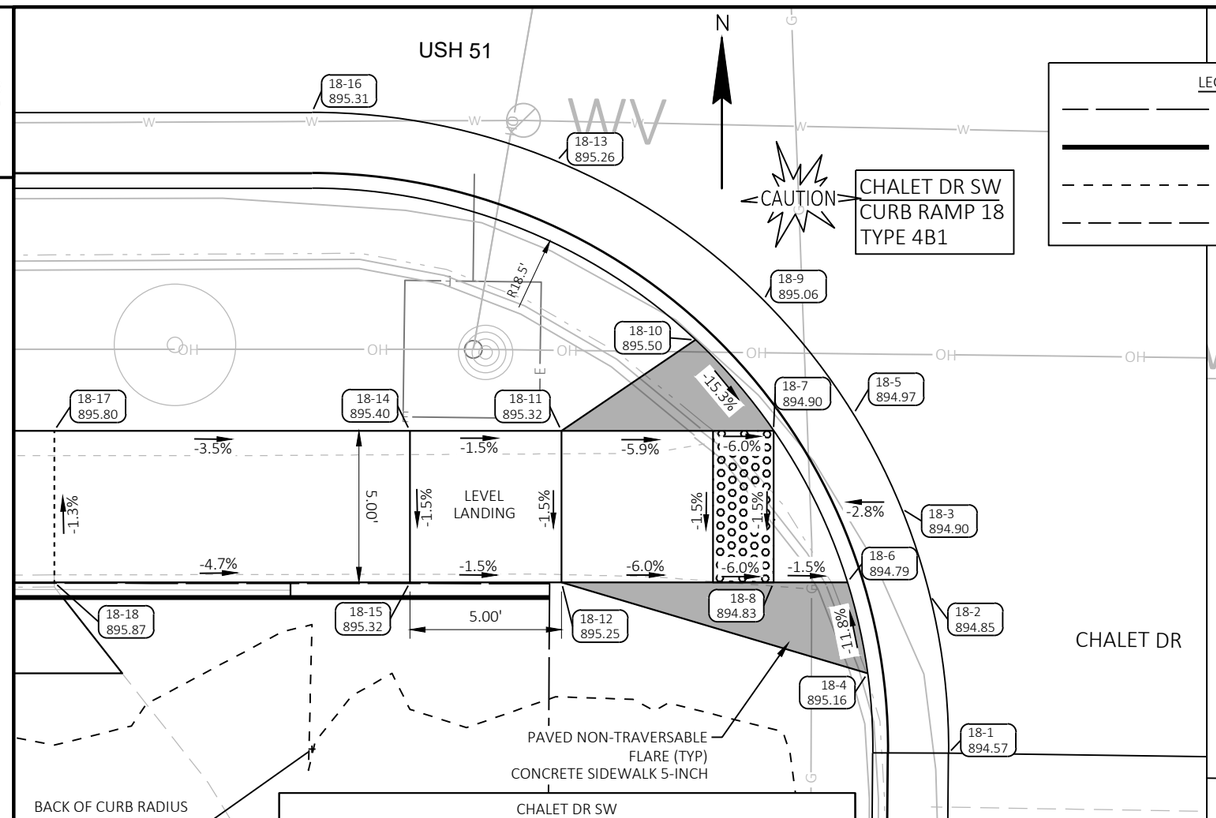
USH 51

N

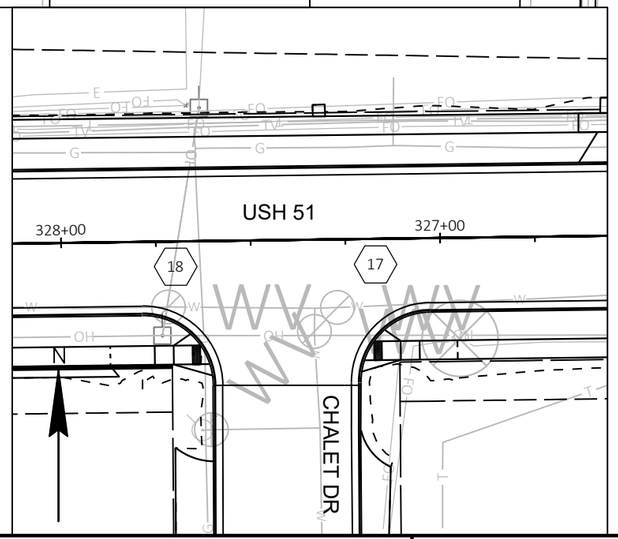
CAUTION

CHALET DR SW
CURB RAMP 18
TYPE 4B1

LEGEND
- EXISTING R/W
- PROPOSED R/W
- SLOPE INTERCEPT
- TEMPORARY EASEMENT



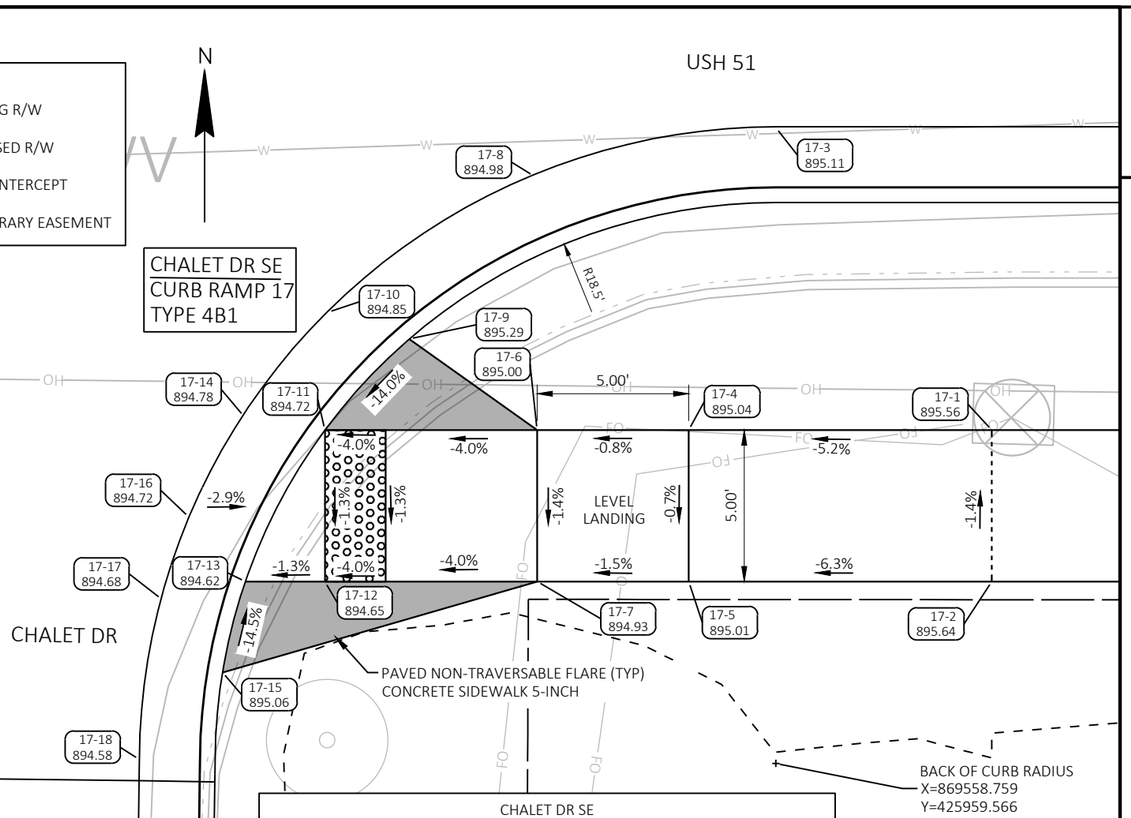
CHALET DR SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
18-1	327+57.88	38.14' LT	894.57	425958.73	869503.76
18-2	327+58.50	32.93' LT	894.85	425963.92	869503.08
18-3	327+59.44	30.06' LT	894.90	425966.78	869502.10
18-4	327+60.55	35.50' LT	895.16	425961.33	869501.06
18-5	327+61.02	26.95' LT	894.97	425969.87	869500.48
18-6	327+61.22	32.50' LT	894.79	425964.32	869500.36
18-7	327+63.65	27.50' LT	894.90	425969.29	869497.86
18-8	327+63.65	32.50' LT	894.83	425964.29	869497.92
18-9	327+63.98	23.20' LT	895.06	425973.58	869497.47
18-10	327+66.23	24.50' LT	895.50	425972.25	869495.24
18-11	327+70.65	27.50' LT	895.32	425969.20	869490.86
18-12	327+70.65	32.50' LT	895.25	425964.20	869490.92
18-13	327+70.81	18.61' LT	895.26	425978.08	869490.58
18-14	327+75.65	27.50' LT	895.40	425969.13	869485.86
18-15	327+75.65	32.50' LT	895.32	425964.13	869485.92
18-16	327+78.88	17.00' LT	895.31	425979.59	869482.49
18-17	327+87.38	27.50' LT	895.80	425968.98	869474.13
18-18	327+87.38	32.50' LT	895.87	425963.98	869474.19



N

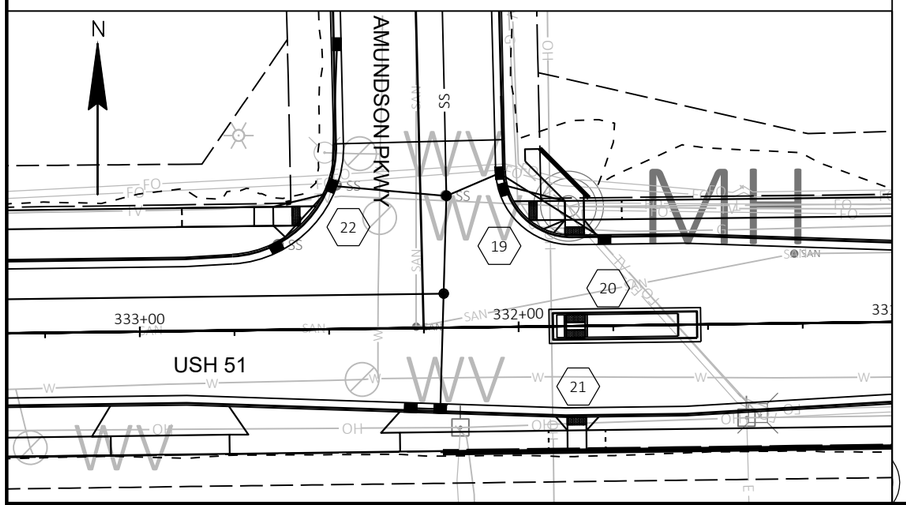
USH 51

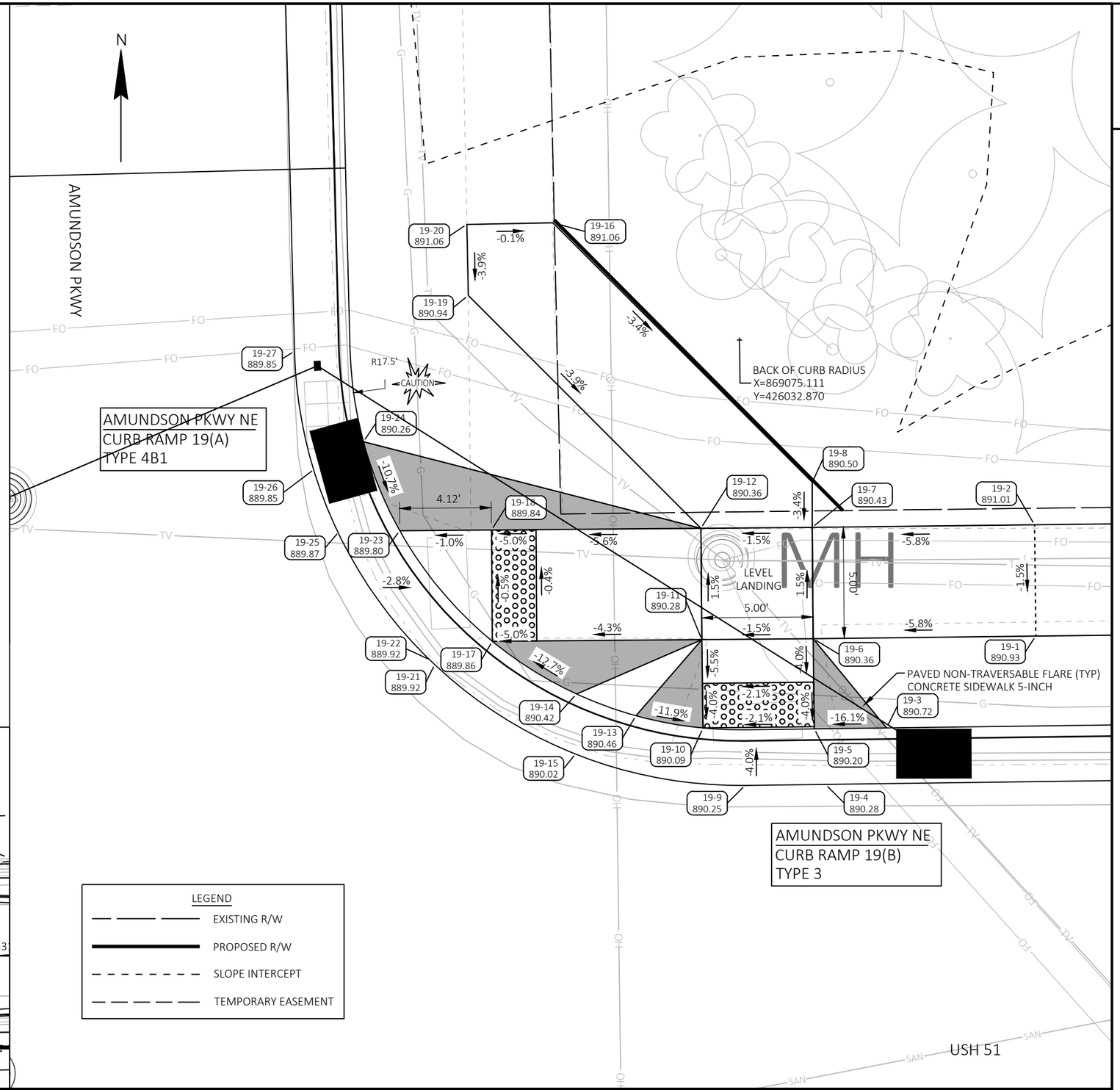
CHALET DR SE
CURB RAMP 17
TYPE 4B1



CHALET DR SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
17-1	326+95.75	27.00' LT	895.56	425970.66	869565.74
17-2	326+95.75	32.00' LT	895.64	425965.66	869565.81
17-3	327+02.88	17.03' LT	895.11	425980.53	869558.49
17-4	327+05.75	27.00' LT	895.04	425970.53	869555.74
17-5	327+05.75	32.00' LT	895.01	425965.53	869555.81
17-6	327+10.75	27.00' LT	895.00	425970.46	869550.74
17-7	327+10.75	32.00' LT	894.93	425965.46	869550.81
17-8	327+10.87	18.62' LT	894.98	425978.84	869550.52
17-9	327+14.97	24.00' LT	895.29	425973.41	869546.49
17-10	327+17.67	23.12' LT	894.85	425974.26	869543.78
17-11	327+17.75	27.00' LT	894.72	425970.37	869543.74
17-12	327+17.75	32.00' LT	894.65	425965.37	869543.81
17-13	327+20.38	32.00' LT	894.62	425965.34	869541.18
17-14	327+20.43	26.55' LT	894.78	425970.79	869541.06
17-15	327+21.13	35.00' LT	895.06	425962.33	869540.47
17-16	327+22.24	29.87' LT	894.72	425967.45	869539.29
17-17	327+23.14	32.58' LT	894.68	425964.73	869538.43
17-18	327+23.88	37.86' LT	894.58	425959.43	869537.76

AMUNDSON PKWY NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
19-1	331+72.40	28.04' RT	890.93	426019.58	869088.43
19-2	331+72.40	33.04' RT	891.01	426024.58	869088.37
19-3	331+79.16	24.00' RT	890.72	426015.45	869081.72
19-4	331+81.94	21.50' RT	890.28	426012.92	869078.97
19-5	331+82.41	24.00' RT	890.20	426015.41	869078.47
19-6	331+82.41	28.05' RT	890.36	426019.46	869078.42
19-7	331+82.38	33.05' RT	890.43	426024.46	869078.38
19-8	331+82.36	35.08' RT	890.50	426026.49	869078.38
19-9	331+85.55	21.50' RT	890.25	426012.87	869075.37
19-10	331+87.41	24.10' RT	890.09	426015.45	869073.47
19-11	331+87.41	28.07' RT	890.28	426019.42	869073.42
19-12	331+87.38	33.07' RT	890.36	426024.42	869073.38
19-13	331+90.41	24.69' RT	890.46	426016.00	869070.46
19-14	331+93.07	25.70' RT	890.42	426016.97	869067.79
19-15	331+93.13	23.02' RT	890.02	426014.29	869067.76
19-16	331+93.86	46.88' RT	891.06	426038.14	869066.73
19-17	331+96.82	28.12' RT	889.86	426019.34	869064.01
19-18	331+96.80	33.12' RT	889.84	426024.34	869063.97
19-19	331+97.70	43.66' RT	890.94	426034.88	869062.93
19-20	331+97.73	46.85' RT	891.06	426038.06	869062.86
19-21	331+99.41	27.12' RT	889.92	426018.31	869061.43
19-22	331+99.59	27.30' RT	889.92	426018.49	869061.25
19-23	332+00.92	33.14' RT	889.80	426024.31	869059.85
19-24	332+02.50	37.16' RT	890.26	426028.31	869058.22
19-25	332+03.64	33.13' RT	889.87	426024.27	869057.12
19-26	332+04.72	35.95' RT	889.85	426027.08	869056.01
19-27	332+05.54	41.26' RT	889.85	426032.38	869055.12

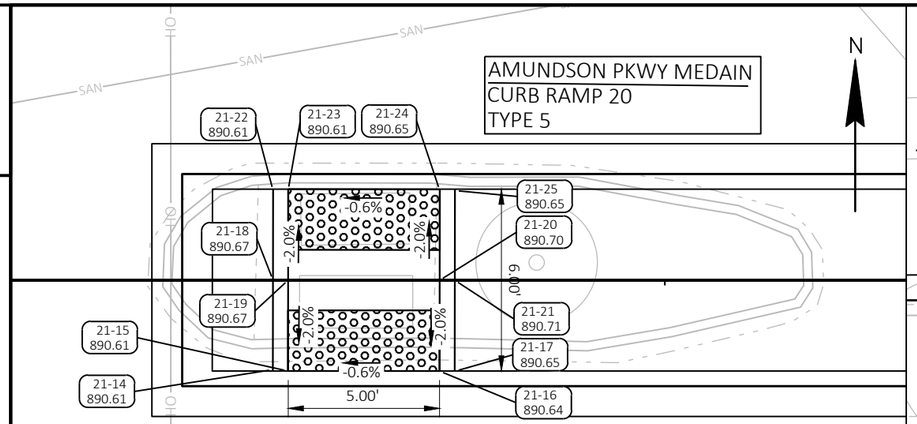




LEGEND

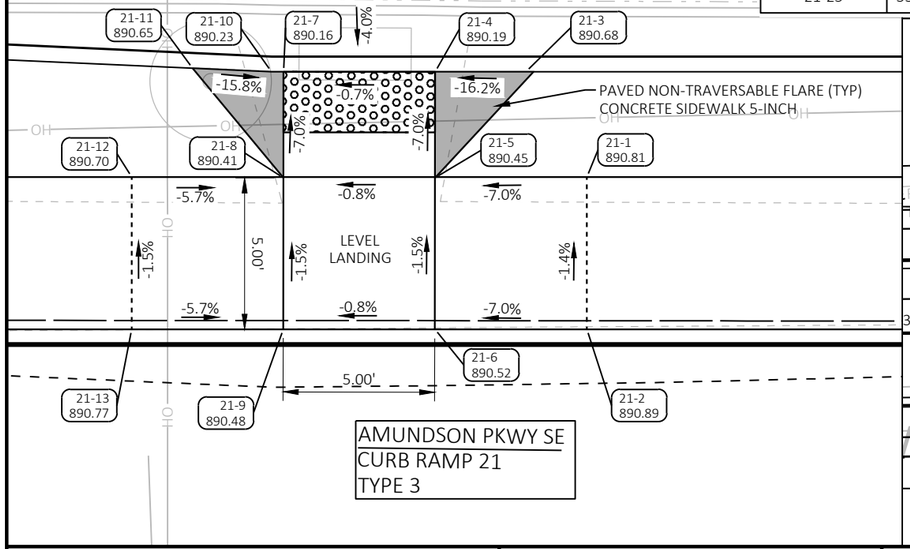
- EXISTING R/W
- PROPOSED R/W
- SLOPE INTERCEPT
- TEMPORARY EASEMENT

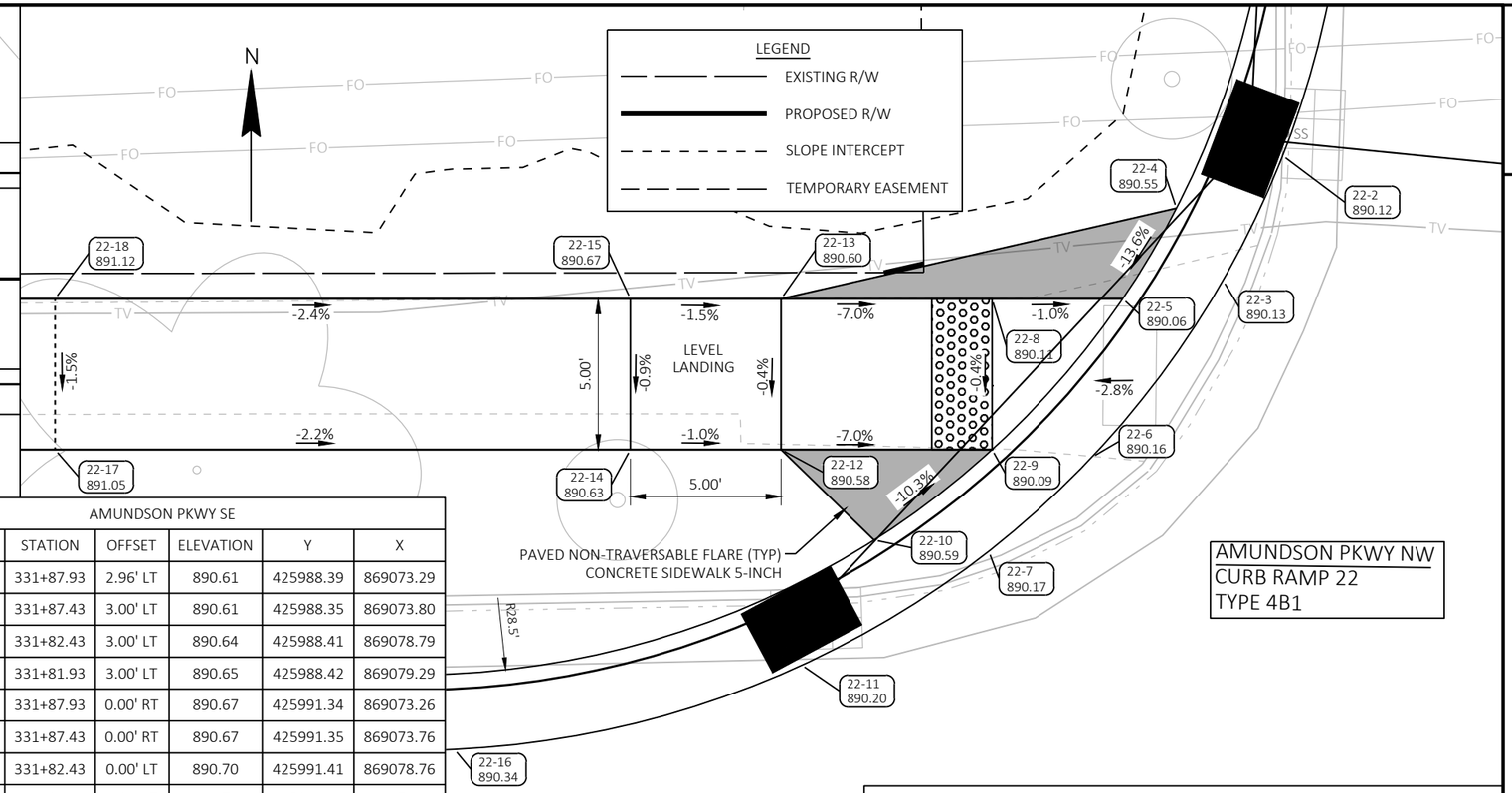
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 56	E

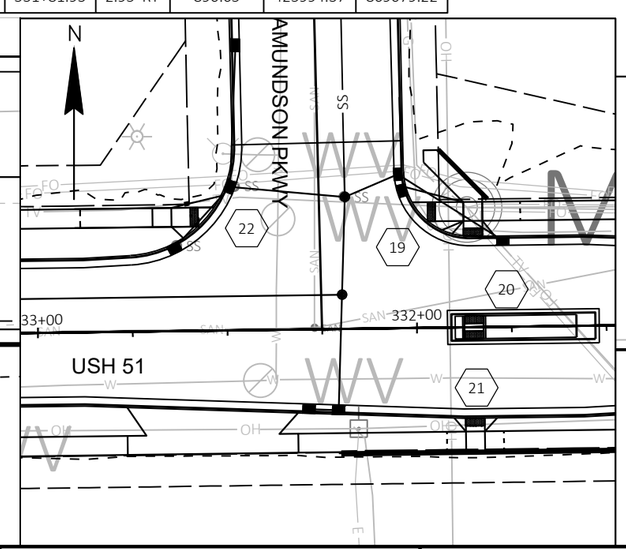


AMUNDSON PKWY SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
21-1	331+77.44	27.48' LT	890.81	425964.00	869084.10
21-2	331+77.44	32.50' LT	890.89	425958.98	869084.16
21-3	331+79.45	24.00' LT	890.68	425967.45	869082.05
21-4	331+82.45	24.00' LT	890.19	425967.41	869079.05
21-5	331+82.45	27.50' LT	890.45	425963.91	869079.09
21-6	331+82.46	32.50' LT	890.52	425958.92	869079.15
21-7	331+87.45	24.00' LT	890.16	425967.35	869074.05
21-8	331+87.45	27.50' LT	890.41	425963.85	869074.09
21-9	331+87.46	32.50' LT	890.48	425958.85	869074.15
21-10	331+87.85	24.00' LT	890.23	425967.34	869073.64
21-11	331+90.45	23.88' LT	890.65	425967.43	869071.05
21-12	331+92.46	27.48' LT	890.70	425963.81	869069.08
21-13	331+92.46	32.50' LT	890.77	425958.79	869069.15

AMUNDSON PKWY SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
21-14	331+87.93	2.96' LT	890.61	425988.39	869073.29
21-15	331+87.43	3.00' LT	890.61	425988.35	869073.80
21-16	331+82.43	3.00' LT	890.64	425988.41	869078.79
21-17	331+81.93	3.00' LT	890.65	425988.42	869079.29
21-18	331+87.93	0.00' RT	890.67	425991.34	869073.26
21-19	331+87.43	0.00' RT	890.67	425991.35	869073.76
21-20	331+82.43	0.00' LT	890.70	425991.41	869078.76
21-21	331+81.93	0.00' LT	890.71	425991.41	869079.26
21-22	331+87.93	2.96' RT	890.61	425994.30	869073.22
21-23	331+87.43	2.96' RT	890.61	425994.31	869073.72
21-24	331+82.43	2.95' RT	890.65	425994.37	869078.72
21-25	331+81.93	2.95' RT	890.65	425994.37	869079.22

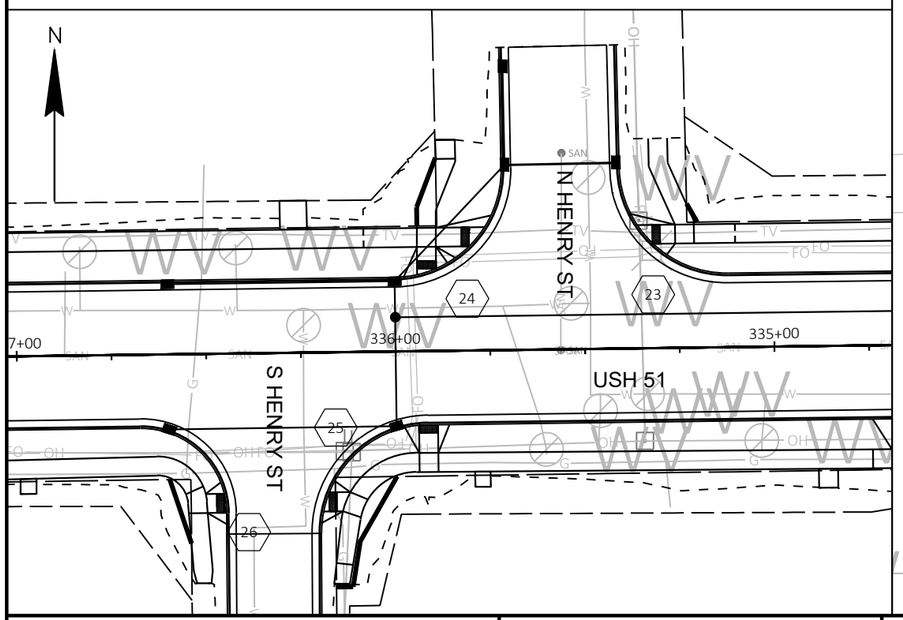


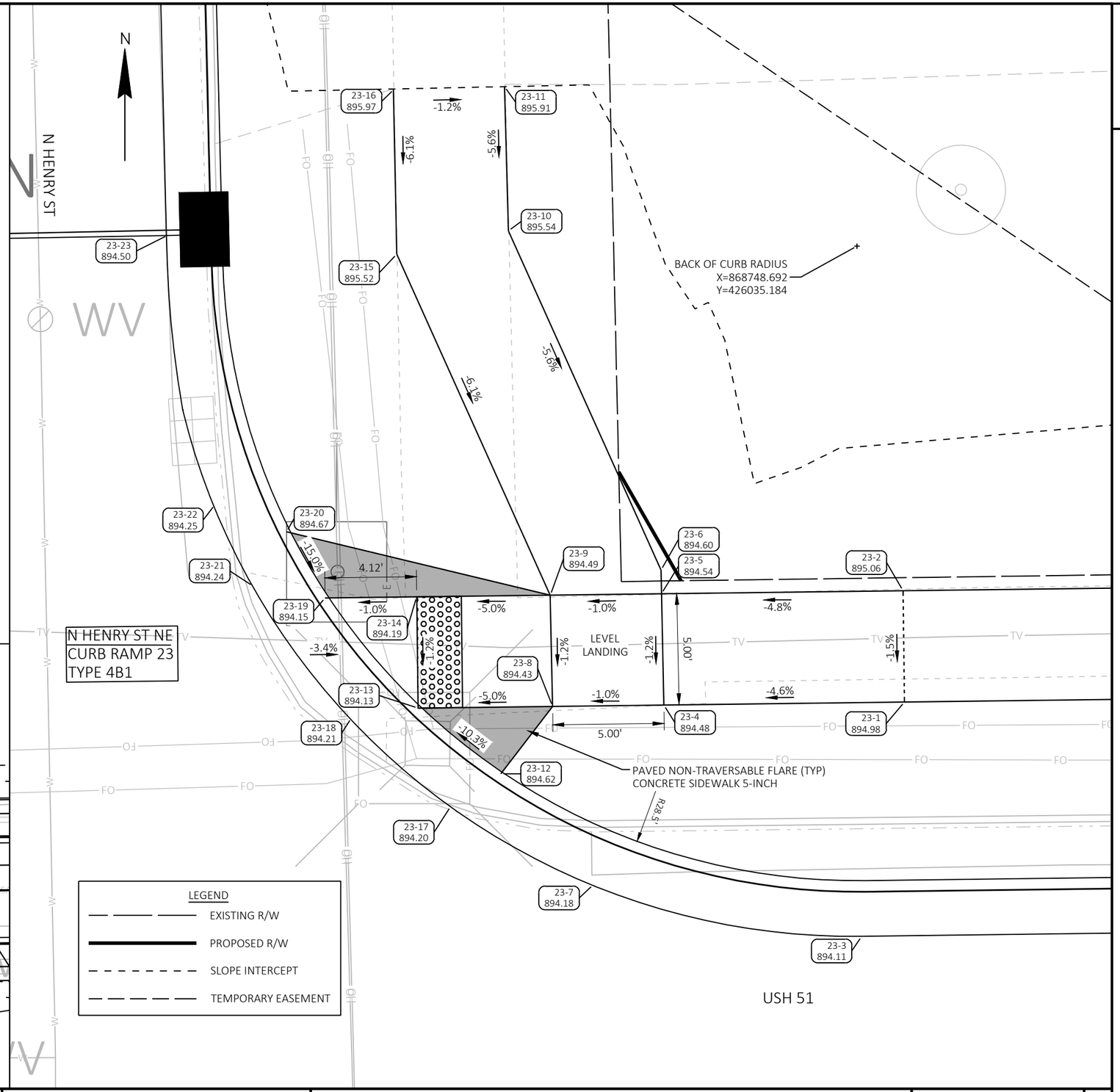




AMUNDSON PKWY NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
22-1	332+45.64	48.90' RT	890.24	426039.50	869014.93
22-2	332+47.78	37.25' RT	890.12	426027.82	869012.94
22-3	332+49.75	33.11' RT	890.13	426023.66	869011.02
22-4	332+51.29	35.50' RT	890.55	426026.03	869009.45
22-5	332+53.07	32.50' RT	890.06	426023.00	869007.70
22-6	332+54.10	27.25' RT	890.16	426017.74	869006.74
22-7	332+57.52	24.13' RT	890.17	426014.58	869003.37
22-8	332+57.41	32.50' RT	890.11	426022.95	869003.37
22-9	332+57.41	27.50' RT	890.09	426017.95	869003.44
22-10	332+61.32	24.50' RT	890.59	426014.90	868999.56
22-11	332+63.73	20.37' RT	890.20	426010.73	868997.20
22-12	332+64.41	27.50' RT	890.58	426017.86	868996.44
22-13	332+64.41	32.50' RT	890.60	426022.86	868996.37
22-14	332+69.41	27.50' RT	890.63	426017.80	868991.44
22-15	332+69.41	32.50' RT	890.67	426022.79	868991.37
22-16	332+75.24	17.57' RT	890.34	426007.79	868985.73
22-17	332+88.48	27.50' RT	891.05	426017.55	868972.36
22-18	332+88.48	32.50' RT	891.12	426022.55	868972.30

N HENRY ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
23-1	335+10.03	27.50' RT	894.98	426014.71	868750.83
23-2	335+10.03	32.50' RT	895.06	426019.71	868750.77
23-3	335+12.09	17.00' RT	894.11	426004.18	868748.91
23-4	335+20.84	27.50' RT	894.48	426014.57	868740.02
23-5	335+20.88	32.50' RT	894.54	426019.57	868739.92
23-6	335+20.89	33.56' RT	894.60	426020.63	868739.89
23-7	335+24.12	19.46' RT	894.18	426006.49	868736.85
23-8	335+25.84	27.50' RT	894.43	426014.51	868735.02
23-9	335+25.88	32.50' RT	894.49	426019.51	868734.92
23-10	335+27.56	48.88' RT	895.54	426035.86	868733.03
23-11	335+27.65	55.36' RT	895.91	426042.35	868732.86
23-12	335+28.21	24.50' RT	894.62	426011.48	868732.69
23-13	335+31.88	27.50' RT	894.13	426014.43	868728.98
23-14	335+31.88	32.50' RT	894.19	426019.43	868728.92
23-15	335+32.59	47.91' RT	895.52	426034.83	868728.02
23-16	335+32.62	55.30' RT	895.97	426042.21	868727.89
23-17	335+30.48	23.07' RT	894.20	426010.02	868730.45
23-18	335+34.89	27.09' RT	894.21	426013.98	868725.98
23-19	335+36.00	32.50' RT	894.15	426019.38	868724.80
23-20	335+37.70	35.50' RT	894.67	426022.35	868723.06
23-21	335+39.23	33.07' RT	894.24	426019.91	868721.56
23-22	335+40.90	36.74' RT	894.25	426023.55	868719.85
23-23	335+42.86	48.88' RT	894.50	426035.67	868717.73



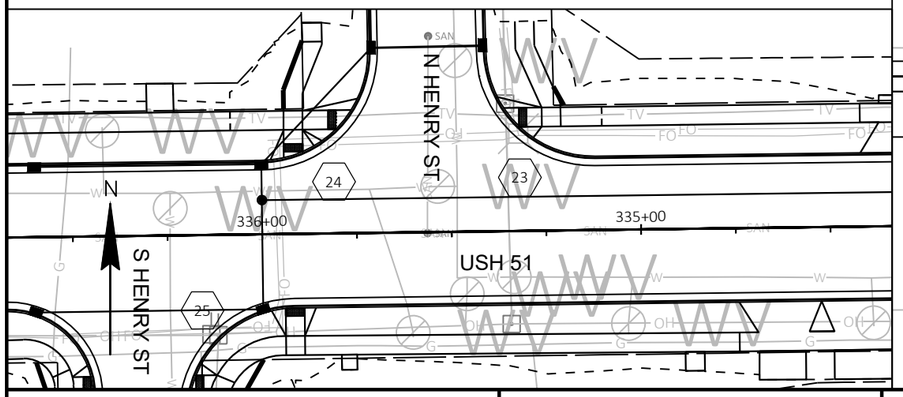


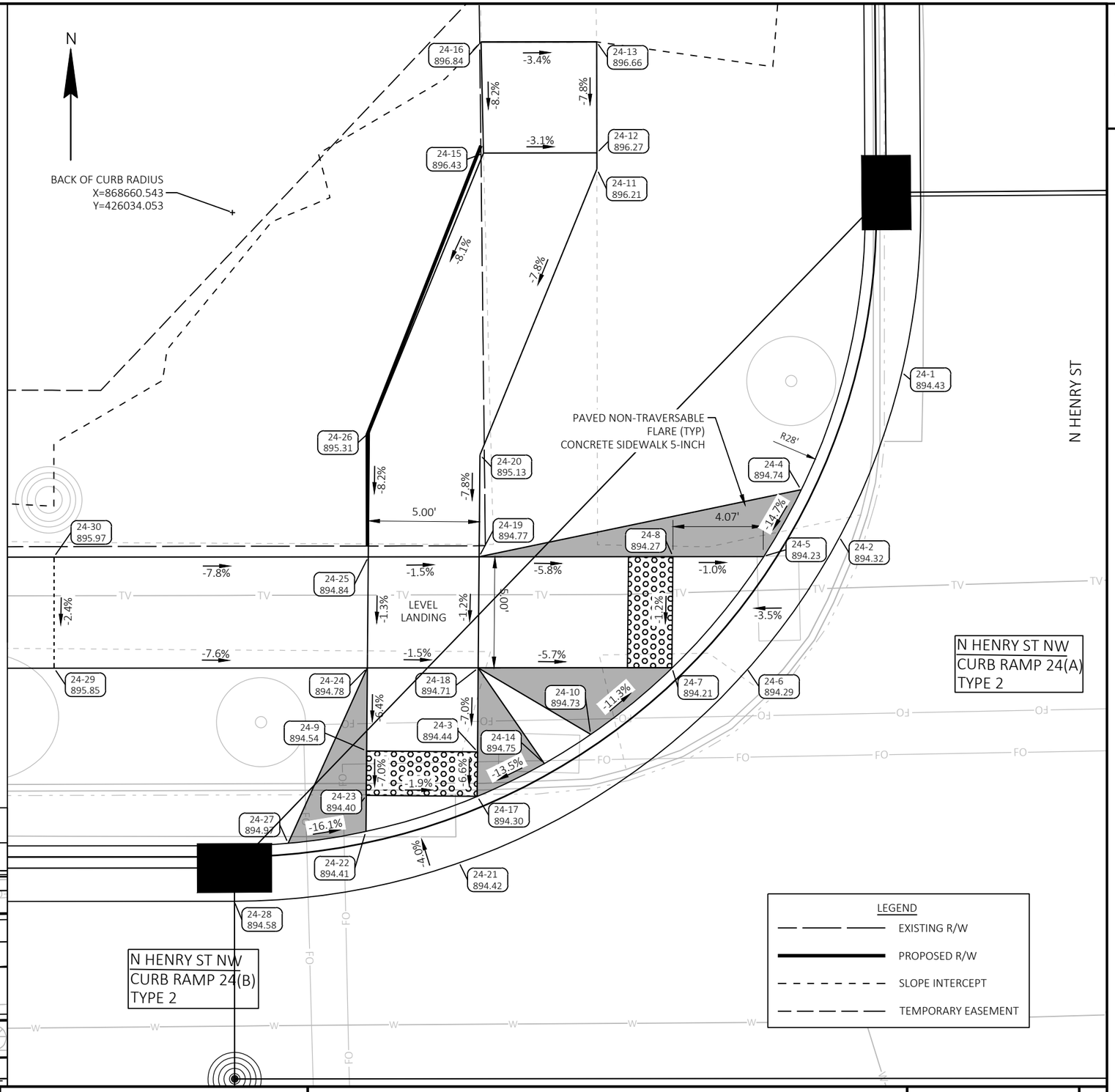
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 58	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - North Henry Street
PLOT DATE : 9/30/2024 4:16 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########

2

N HENRY ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
24-1	335+69.94	40.80' RT	894.43	426027.24	868690.76
24-2	335+72.76	33.40' RT	894.32	426019.81	868688.03
24-3	335+89.04	23.72' RT	894.44	426009.92	868671.87
24-4	335+74.48	35.50' RT	894.74	426021.88	868686.29
24-5	335+76.17	32.50' RT	894.23	426018.86	868684.63
24-6	335+76.94	27.49' RT	894.29	426013.84	868683.93
24-7	335+80.29	27.50' RT	894.21	426013.81	868680.58
24-8	335+80.24	32.50' RT	894.27	426018.81	868680.56
24-9	335+94.04	23.77' RT	894.54	426009.90	868666.87
24-10	335+83.96	24.50' RT	894.73	426010.77	868676.95
24-11	335+83.65	49.94' RT	896.21	426036.20	868676.93
24-12	335+83.65	50.67' RT	896.27	426036.93	868676.92
24-13	335+83.65	55.67' RT	896.66	426041.93	868676.85
24-14	335+86.05	23.20' RT	894.75	426009.43	868674.88
24-15	335+88.76	50.67' RT	896.43	426036.86	868671.82
24-16	335+88.86	55.67' RT	896.84	426041.86	868671.65
24-17	335+89.06	21.72' RT	894.30	426007.92	868671.88
24-18	335+89.01	27.50' RT	894.71	426013.69	868671.86
24-19	335+88.97	32.50' RT	894.77	426018.70	868671.84
24-20	335+88.93	37.08' RT	895.13	426023.28	868671.82
24-21	335+89.89	18.76' RT	894.42	426004.95	868671.09
24-22	335+94.08	20.14' RT	894.41	426006.27	868666.89
24-23	335+94.06	21.77' RT	894.40	426007.90	868666.88
24-24	335+94.01	27.50' RT	894.78	426013.63	868666.86
24-25	335+93.96	32.50' RT	894.84	426018.63	868666.84
24-26	335+93.91	38.11' RT	895.31	426024.24	868666.82
24-27	335+97.58	19.61' RT	894.97	426005.70	868663.39
24-28	336+00.02	17.03' RT	894.58	426003.08	868660.98
24-29	336+08.12	27.50' RT	895.85	426013.45	868652.76
24-30	336+08.12	32.50' RT	895.97	426018.45	868652.69





2

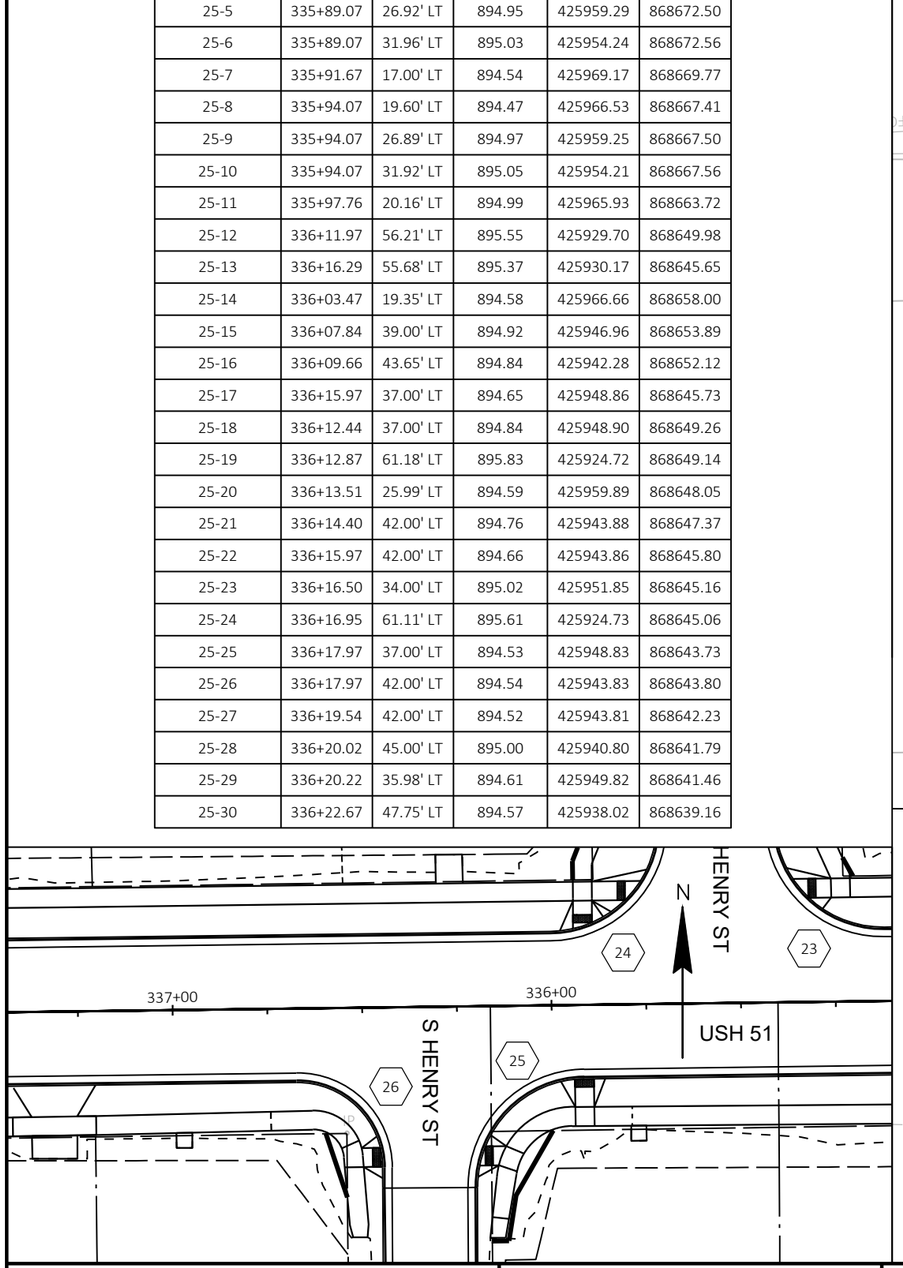
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 59	E

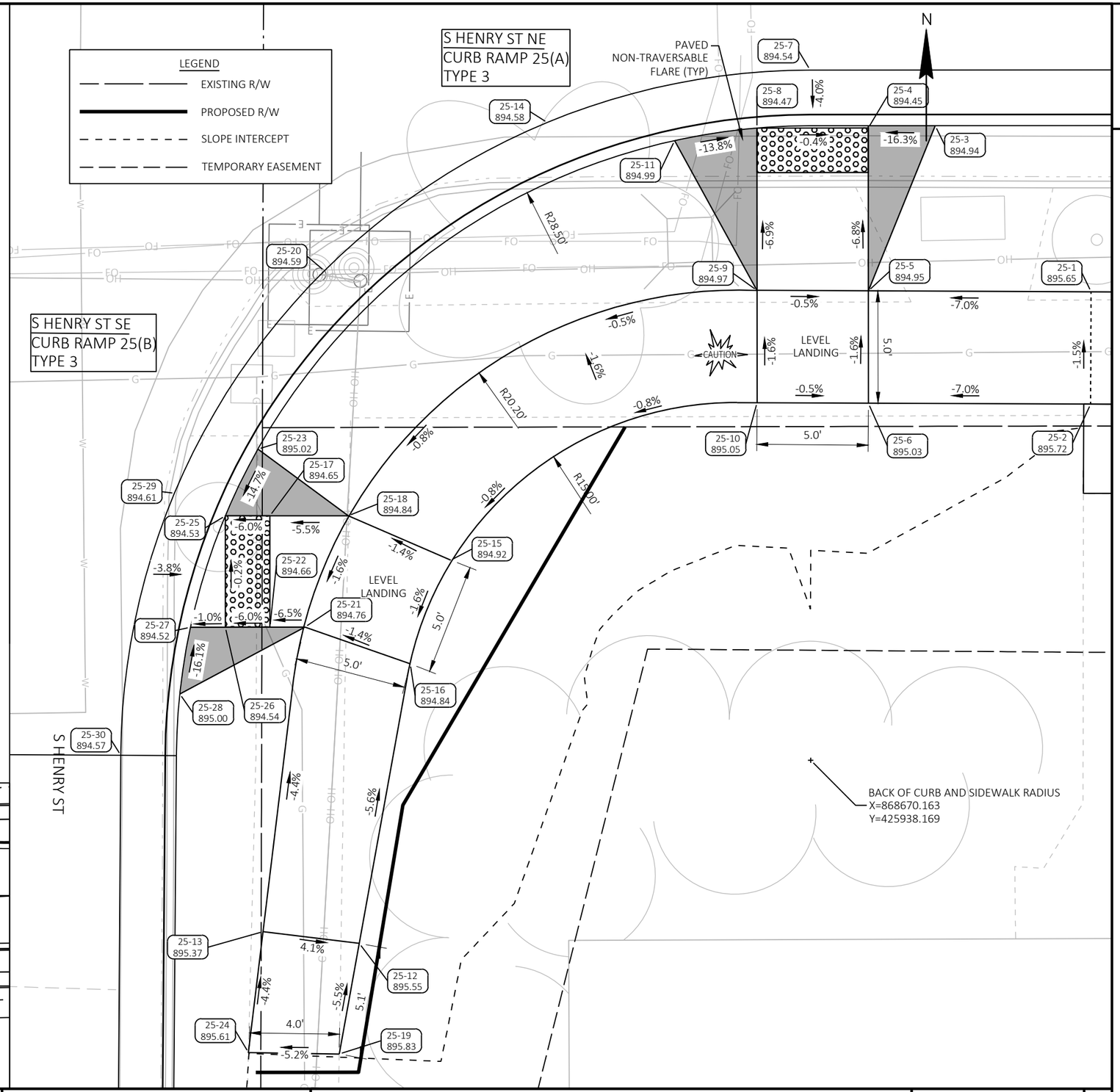
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - North Henry Street (2)

PLOT DATE : 9/30/2024 4:16 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

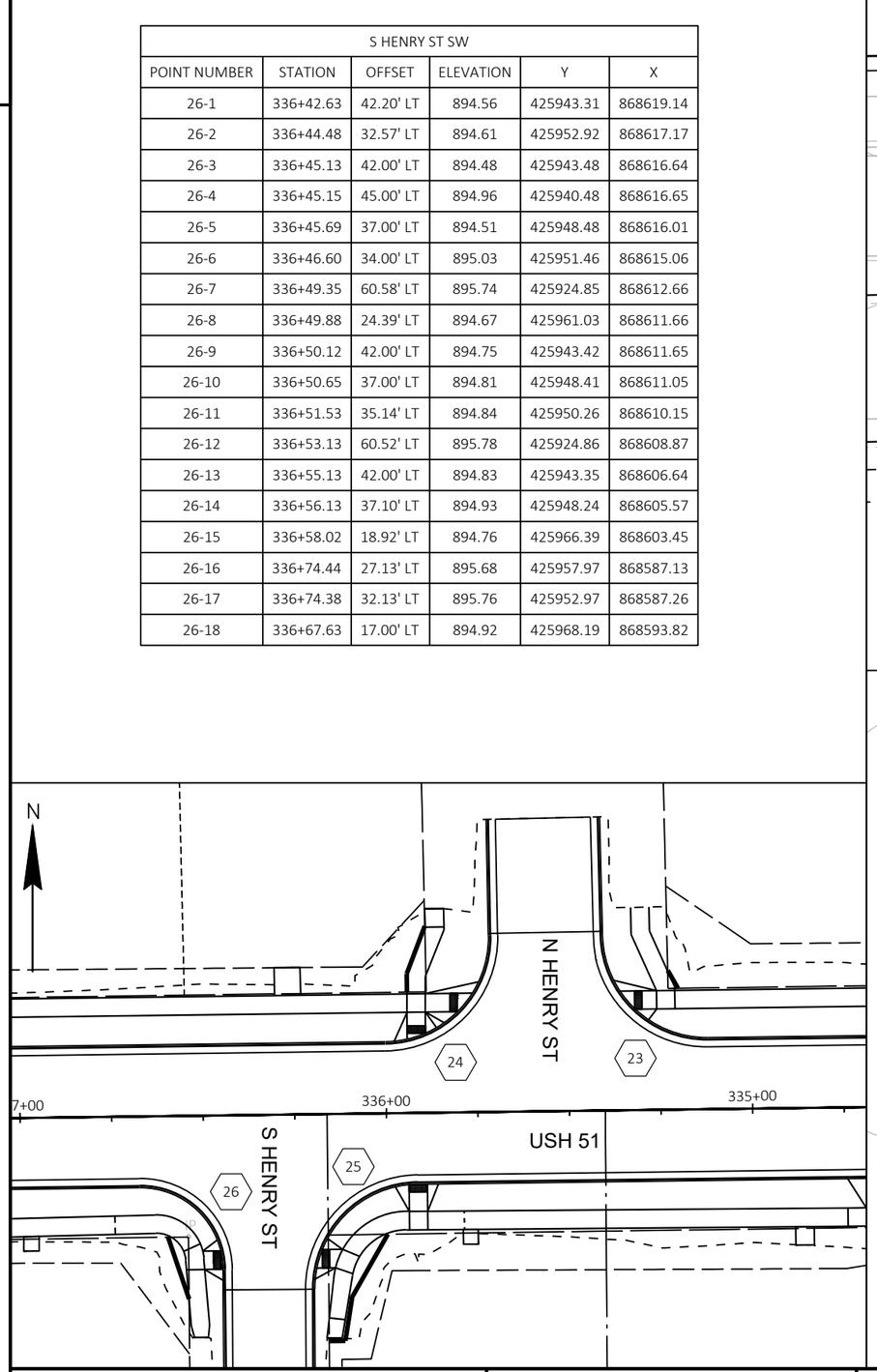
S HENRY ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
25-1	335+79.06	26.97' LT	895.65	425959.36	868682.50
25-2	335+79.09	32.01' LT	895.72	425954.32	868682.55
25-3	335+86.06	19.50' LT	894.94	425966.73	868675.41
25-4	335+89.07	19.60' LT	894.45	425966.60	868672.40
25-5	335+89.07	26.92' LT	894.95	425959.29	868672.50
25-6	335+89.07	31.96' LT	895.03	425954.24	868672.56
25-7	335+91.67	17.00' LT	894.54	425969.17	868669.77
25-8	335+94.07	19.60' LT	894.47	425966.53	868667.41
25-9	335+94.07	26.89' LT	894.97	425959.25	868667.50
25-10	335+94.07	31.92' LT	895.05	425954.21	868667.56
25-11	335+97.76	20.16' LT	894.99	425965.93	868663.72
25-12	336+11.97	56.21' LT	895.55	425929.70	868649.98
25-13	336+16.29	55.68' LT	895.37	425930.17	868645.65
25-14	336+03.47	19.35' LT	894.58	425966.66	868658.00
25-15	336+07.84	39.00' LT	894.92	425946.96	868653.89
25-16	336+09.66	43.65' LT	894.84	425942.28	868652.12
25-17	336+15.97	37.00' LT	894.65	425948.86	868645.73
25-18	336+12.44	37.00' LT	894.84	425948.90	868649.26
25-19	336+12.87	61.18' LT	895.83	425924.72	868649.14
25-20	336+13.51	25.99' LT	894.59	425959.89	868648.05
25-21	336+14.40	42.00' LT	894.76	425943.88	868647.37
25-22	336+15.97	42.00' LT	894.66	425943.86	868645.80
25-23	336+16.50	34.00' LT	895.02	425951.85	868645.16
25-24	336+16.95	61.11' LT	895.61	425924.73	868645.06
25-25	336+17.97	37.00' LT	894.53	425948.83	868643.73
25-26	336+17.97	42.00' LT	894.54	425943.83	868643.80
25-27	336+19.54	42.00' LT	894.52	425943.81	868642.23
25-28	336+20.02	45.00' LT	895.00	425940.80	868641.79
25-29	336+20.22	35.98' LT	894.61	425949.82	868641.46
25-30	336+22.67	47.75' LT	894.57	425938.02	868639.16

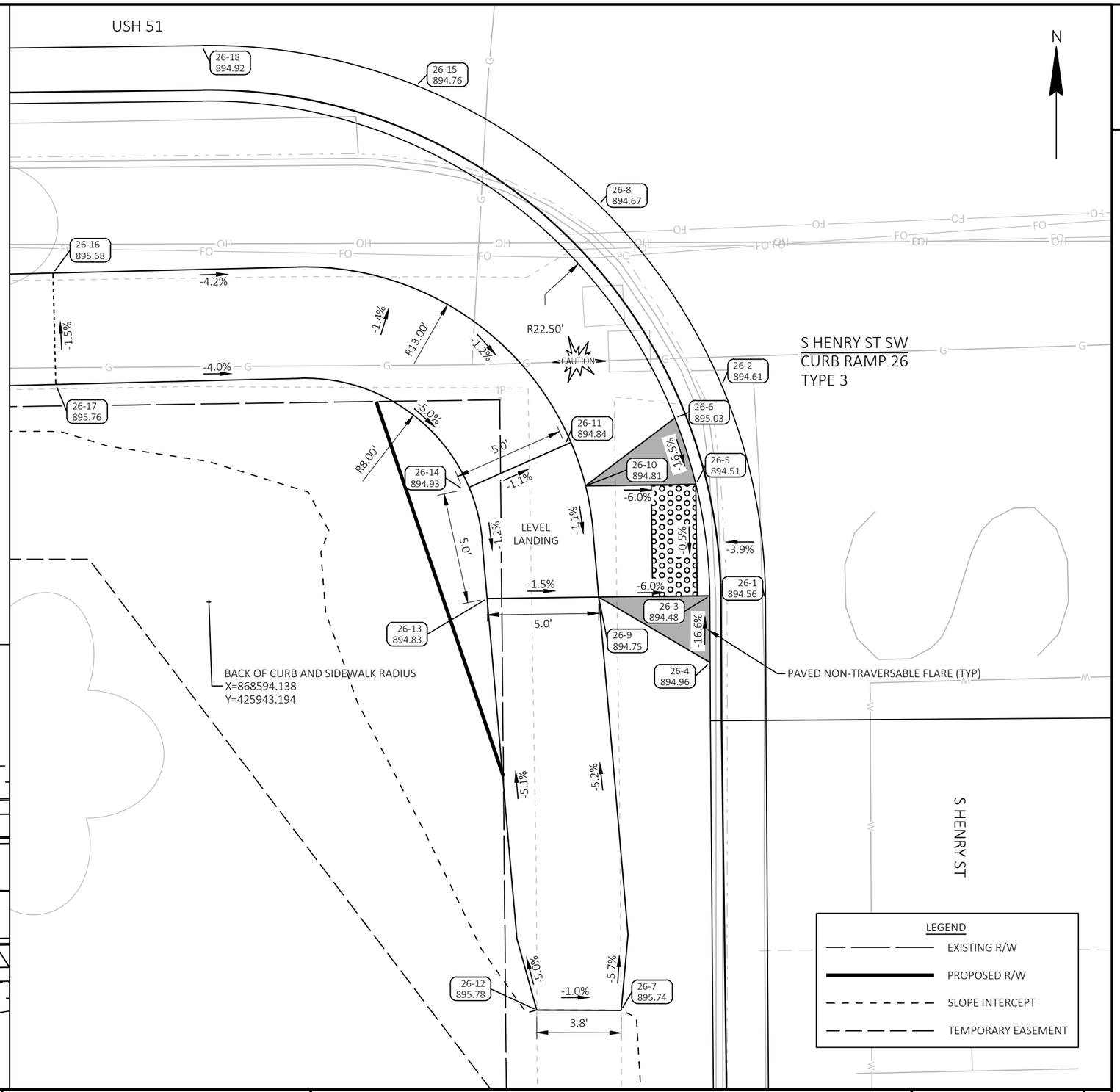




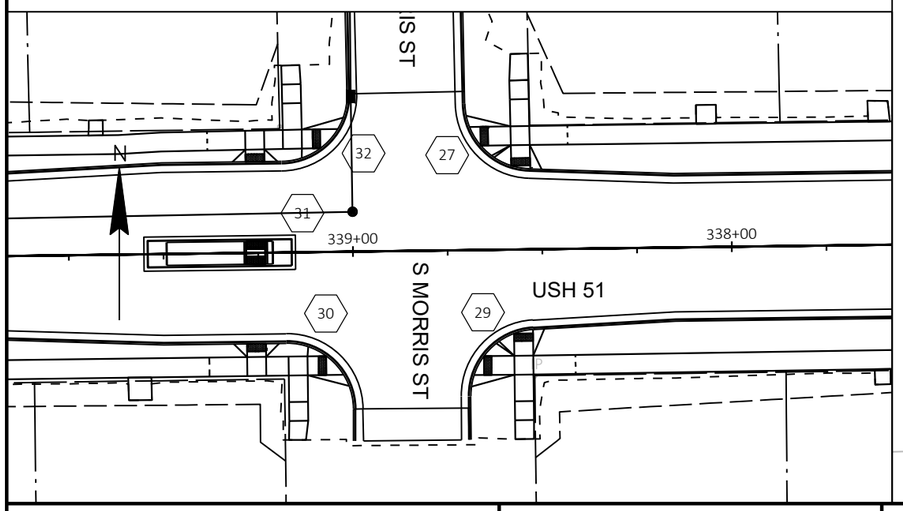
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 60	E

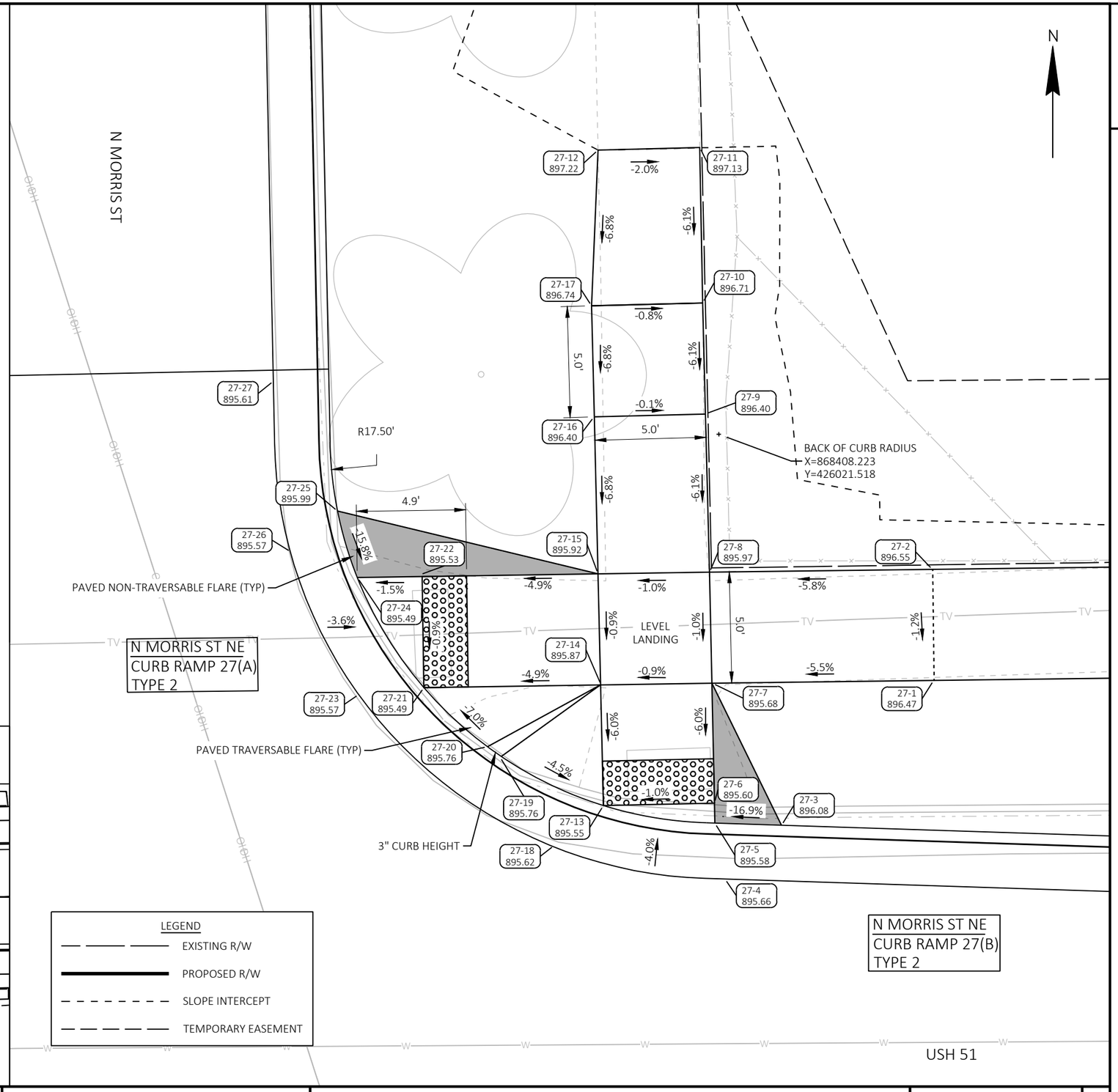
S HENRY ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
26-1	336+42.63	42.20' LT	894.56	425943.31	868619.14
26-2	336+44.48	32.57' LT	894.61	425952.92	868617.17
26-3	336+45.13	42.00' LT	894.48	425943.48	868616.64
26-4	336+45.15	45.00' LT	894.96	425940.48	868616.65
26-5	336+45.69	37.00' LT	894.51	425948.48	868616.01
26-6	336+46.60	34.00' LT	895.03	425951.46	868615.06
26-7	336+49.35	60.58' LT	895.74	425924.85	868612.66
26-8	336+49.88	24.39' LT	894.67	425961.03	868611.66
26-9	336+50.12	42.00' LT	894.75	425943.42	868611.65
26-10	336+50.65	37.00' LT	894.81	425948.41	868611.05
26-11	336+51.53	35.14' LT	894.84	425950.26	868610.15
26-12	336+53.13	60.52' LT	895.78	425924.86	868608.87
26-13	336+55.13	42.00' LT	894.83	425943.35	868606.64
26-14	336+56.13	37.10' LT	894.93	425948.24	868605.57
26-15	336+58.02	18.92' LT	894.76	425966.39	868603.45
26-16	336+74.44	27.13' LT	895.68	425957.97	868587.13
26-17	336+74.38	32.13' LT	895.76	425952.97	868587.26
26-18	336+67.63	17.00' LT	894.92	425968.19	868593.82





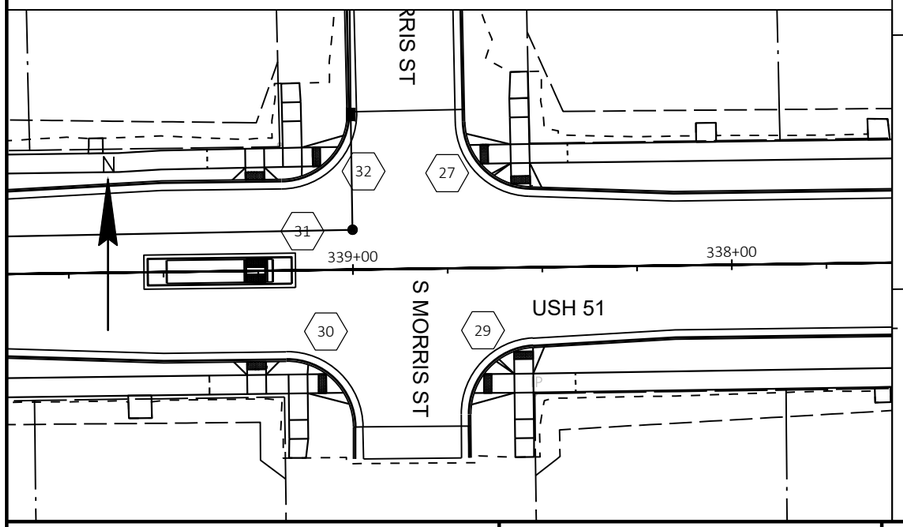
N MORRIS ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
27-1	338+42.99	27.51' RT	896.47	426010.45	868417.90
27-2	338+42.98	32.49' RT	896.55	426015.43	868417.84
27-3	338+49.93	21.07' RT	896.08	426003.92	868411.05
27-4	338+52.50	18.68' RT	895.66	426001.50	868408.50
27-5	338+52.93	21.20' RT	895.58	426004.01	868408.05
27-6	338+52.93	22.10' RT	895.60	426004.91	868408.03
27-7	338+52.95	27.50' RT	895.68	426010.31	868407.94
27-8	338+53.02	32.50' RT	895.97	426015.31	868407.81
27-9	338+53.11	39.62' RT	896.40	426022.43	868407.62
27-10	338+53.18	44.62' RT	896.71	426027.43	868407.49
27-11	338+53.22	51.62' RT	897.13	426034.43	868407.36
27-12	338+57.80	51.56' RT	897.22	426034.31	868402.79
27-13	338+57.93	22.06' RT	895.55	426004.81	868403.03
27-14	338+57.96	27.49' RT	895.87	426010.24	868402.93
27-15	338+58.04	32.49' RT	895.92	426015.23	868402.79
27-16	338+58.13	39.56' RT	896.40	426022.30	868402.61
27-17	338+58.18	44.56' RT	896.74	426027.30	868402.49
27-18	338+60.17	20.28' RT	895.62	426003.00	868400.81
27-19	338+62.50	24.32' RT	895.76	426007.01	868398.43
27-20	338+63.12	24.77' RT	895.76	426007.45	868397.81
27-21	338+65.95	27.47' RT	895.49	426010.12	868394.95
27-22	338+65.96	32.47' RT	895.53	426015.12	868394.87
27-23	338+68.87	27.20' RT	895.57	426009.81	868392.03
27-24	338+68.88	32.47' RT	895.49	426015.07	868391.95
27-25	338+69.72	35.46' RT	895.99	426018.06	868391.07
27-26	338+71.84	33.65' RT	895.57	426016.22	868388.97
27-27	338+72.53	41.35' RT	895.61	426023.91	868388.18

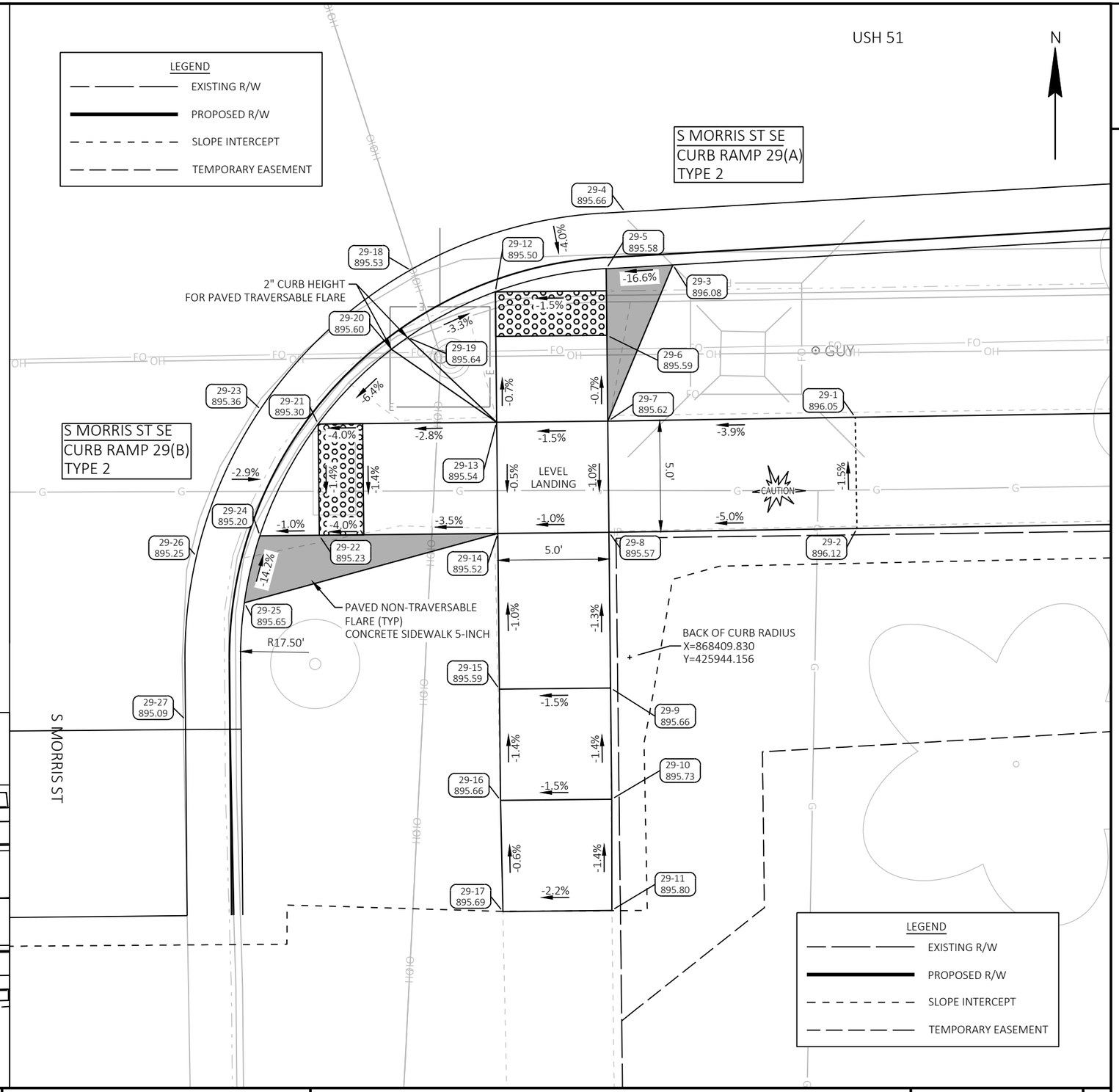




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 62	E

S MORRIS ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
29-1	338+41.63	28.01' LT	896.05	425954.95	868419.97
29-2	338+41.62	33.01' LT	896.12	425949.95	868420.05
29-3	338+49.74	21.06' LT	896.08	425961.80	868411.77
29-4	338+51.86	18.65' LT	895.66	425964.18	868409.62
29-5	338+52.74	21.19' LT	895.58	425961.63	868408.77
29-6	338+52.75	24.19' LT	895.59	425958.63	868408.80
29-7	338+52.74	28.04' LT	895.62	425954.78	868408.87
29-8	338+52.77	33.04' LT	895.57	425949.78	868408.90
29-9	338+52.79	40.04' LT	895.66	425942.78	868408.97
29-10	338+52.80	45.04' LT	895.73	425937.78	868409.02
29-11	338+52.86	50.03' LT	895.80	425932.79	868409.03
29-12	338+57.74	22.18' LT	895.50	425960.58	868403.78
29-13	338+57.76	28.03' LT	895.54	425954.73	868403.85
29-14	338+57.77	33.03' LT	895.52	425949.73	868403.90
29-15	338+57.79	40.03' LT	895.59	425942.73	868403.97
29-16	338+57.80	45.03' LT	895.66	425937.73	868404.02
29-17	338+57.76	50.03' LT	895.69	425932.73	868404.12
29-18	338+61.51	21.16' LT	895.53	425961.54	868400.00
29-19	338+61.71	24.18' LT	895.64	425958.53	868399.84
29-20	338+62.44	24.70' LT	895.60	425958.00	868399.12
29-21	338+65.78	28.01' LT	895.30	425954.64	868395.82
29-22	338+65.80	33.01' LT	895.23	425949.64	868395.87
29-23	338+68.35	27.33' LT	895.36	425955.29	868393.24
29-24	338+68.47	33.00' LT	895.20	425949.61	868393.20
29-25	338+69.20	36.00' LT	895.65	425946.61	868392.50
29-26	338+71.33	33.90' LT	895.25	425948.69	868390.35
29-27	338+71.91	41.24' LT	895.09	425941.34	868389.87



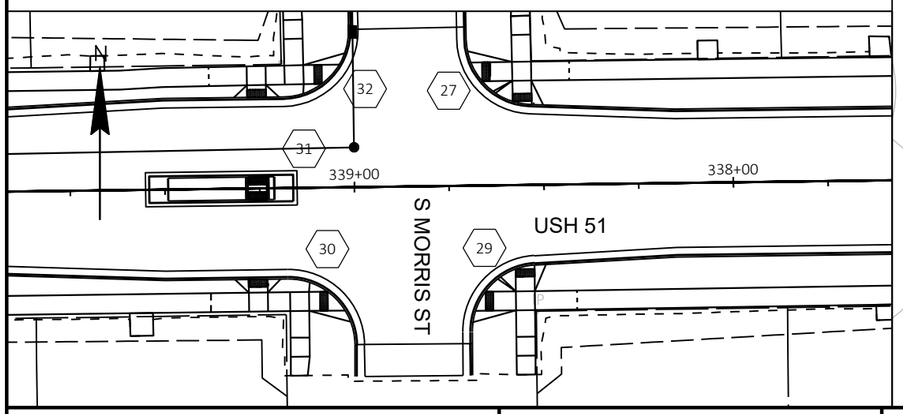


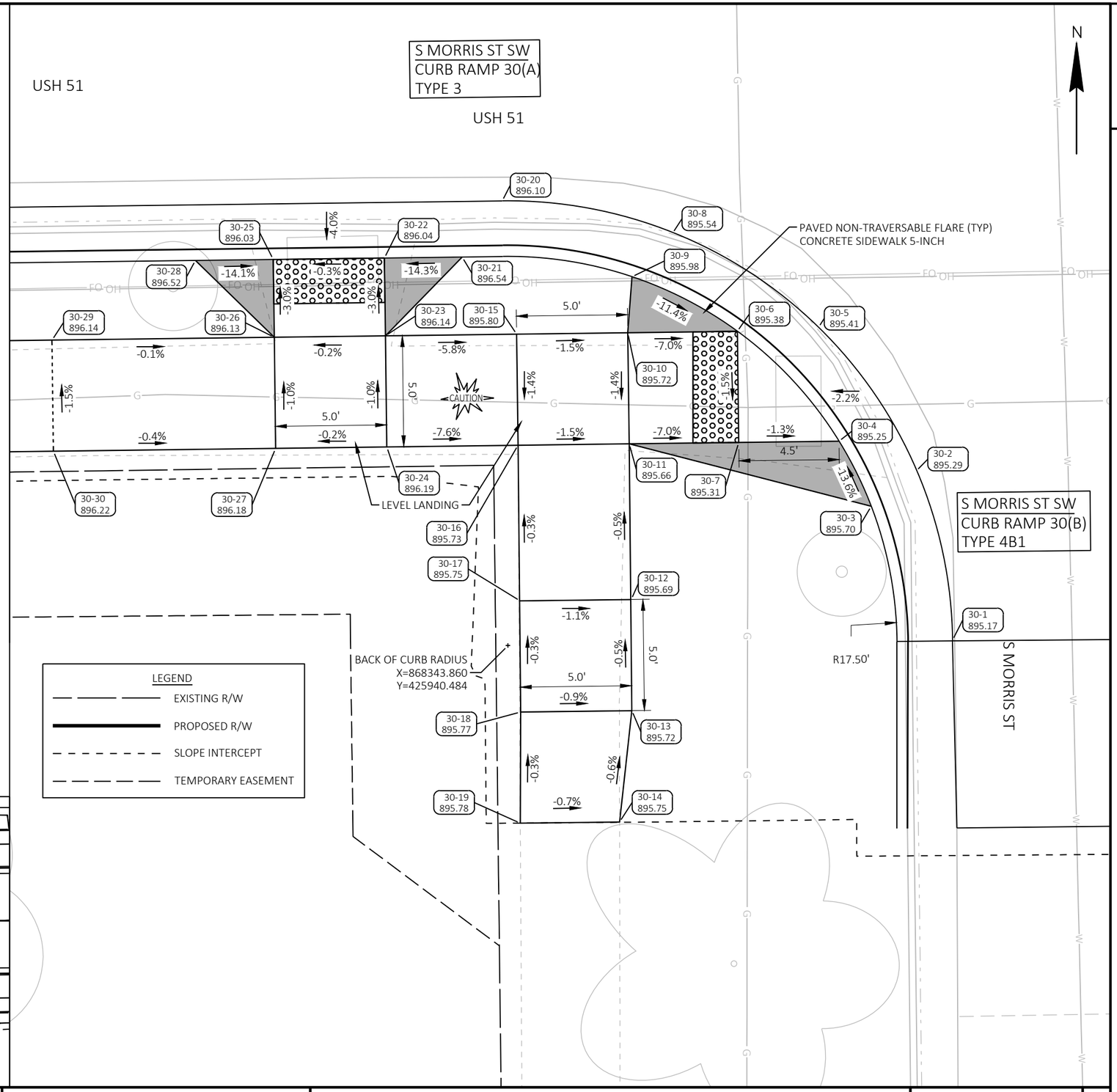
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 63	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - South Morris Street

PLOT DATE : 9/30/2024 4:17 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########

S MORRIS ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
30-1	338+97.92	41.52' LT	895.17	425940.72	868363.86
30-2	338+99.45	33.89' LT	895.29	425948.33	868362.23
30-3	339+01.50	35.45' LT	895.70	425946.75	868360.20
30-4	339+02.91	32.50' LT	895.25	425949.68	868358.75
30-5	339+03.76	27.37' LT	895.41	425954.79	868357.84
30-6	339+07.42	27.50' LT	895.38	425954.62	868354.18
30-7	339+07.42	32.50' LT	895.31	425949.62	868354.24
30-8	339+10.28	23.06' LT	895.54	425959.02	868351.27
30-9	339+12.13	24.99' LT	895.98	425957.07	868349.44
30-10	339+12.35	27.50' LT	895.72	425954.55	868349.25
30-11	339+12.35	32.50' LT	895.66	425949.55	868349.31
30-12	339+12.35	39.50' LT	895.69	425942.56	868349.40
30-13	339+12.39	44.50' LT	895.72	425937.56	868349.43
30-14	339+13.00	49.50' LT	895.75	425932.55	868348.88
30-15	339+17.35	27.50' LT	895.80	425954.49	868344.25
30-16	339+17.35	32.50' LT	895.73	425949.49	868344.31
30-17	339+17.35	39.50' LT	895.75	425942.49	868344.40
30-18	339+17.39	44.50' LT	895.77	425937.49	868344.43
30-19	339+17.47	49.50' LT	895.78	425932.49	868344.42
30-20	339+17.92	21.50' LT	896.10	425960.48	868343.60
30-21	339+19.76	24.00' LT	896.54	425957.96	868341.80
30-22	339+23.26	24.00' LT	896.04	425957.91	868338.30
30-23	339+23.26	27.50' LT	896.14	425954.41	868338.35
30-24	339+23.26	32.50' LT	896.19	425949.41	868338.41
30-25	339+28.26	24.00' LT	896.03	425957.85	868333.30
30-26	339+28.26	27.50' LT	896.13	425954.35	868333.35
30-27	339+28.26	32.50' LT	896.18	425949.35	868333.41
30-28	339+31.76	24.00' LT	896.52	425957.81	868329.80
30-29	339+38.26	27.50' LT	896.14	425954.22	868323.35
30-30	339+38.26	32.50' LT	896.22	425949.22	868323.41

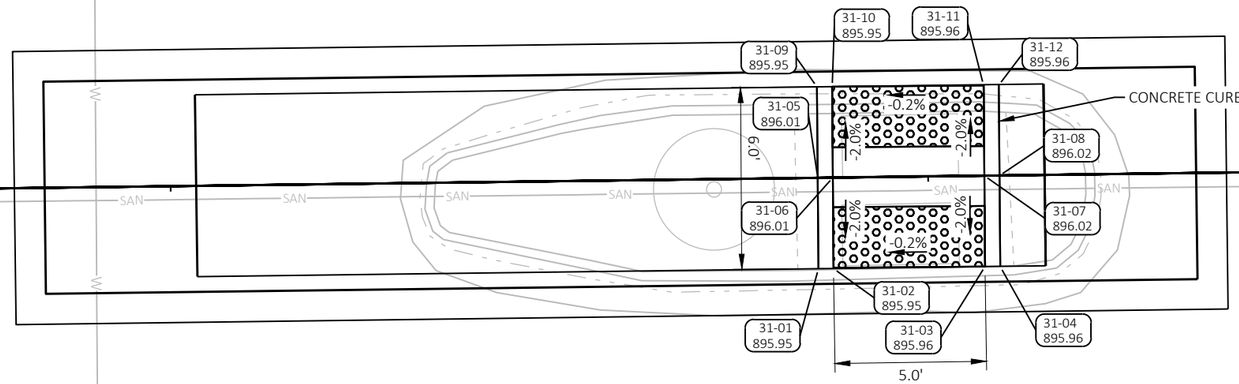




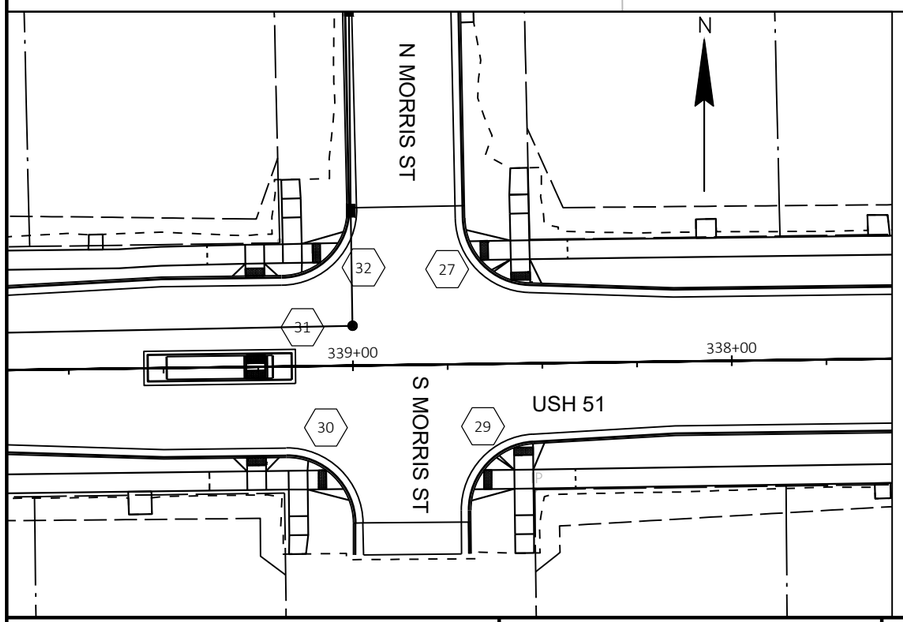
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 64	E

USH 51

S MORRIS ST MEDIAN W
CURB RAMP 31
TYPE 5



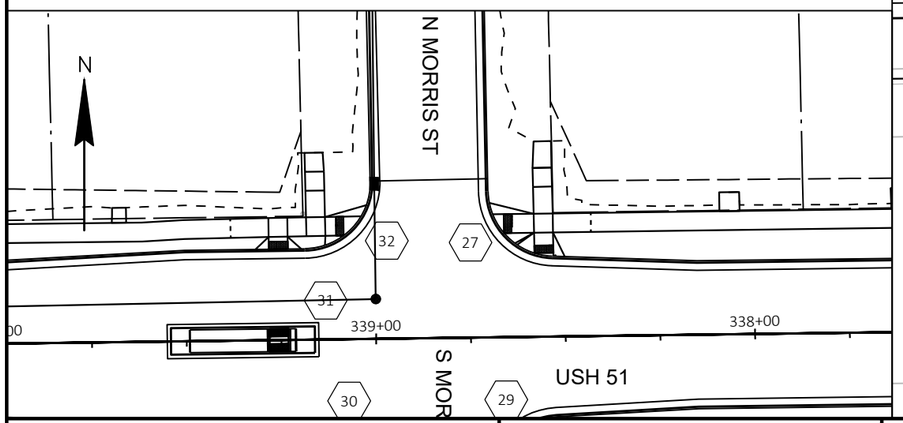
S MORRIS ST MEDAIN					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
31-01	339+28.66	3.00' LT	895.95	425978.84	868332.63
31-02	339+28.16	3.00' LT	895.95	425978.85	868333.13
31-03	339+23.16	2.99' LT	895.96	425978.92	868338.13
31-04	339+22.66	3.00' LT	895.96	425978.92	868338.63
31-05	339+28.65	0.00' LT	896.01	425981.84	868332.60
31-06	339+28.15	0.00' LT	896.01	425981.85	868333.10
31-07	339+23.15	0.00'	896.02	425981.91	868338.10
31-08	339+22.65	0.01' LT	896.02	425981.91	868338.60
31-09	339+28.63	3.00' RT	895.95	425984.85	868332.58
31-10	339+28.13	3.00' RT	895.95	425984.85	868333.08
31-11	339+23.13	2.98' RT	895.96	425984.89	868338.08
31-12	339+22.63	2.97' RT	895.96	425984.89	868338.58

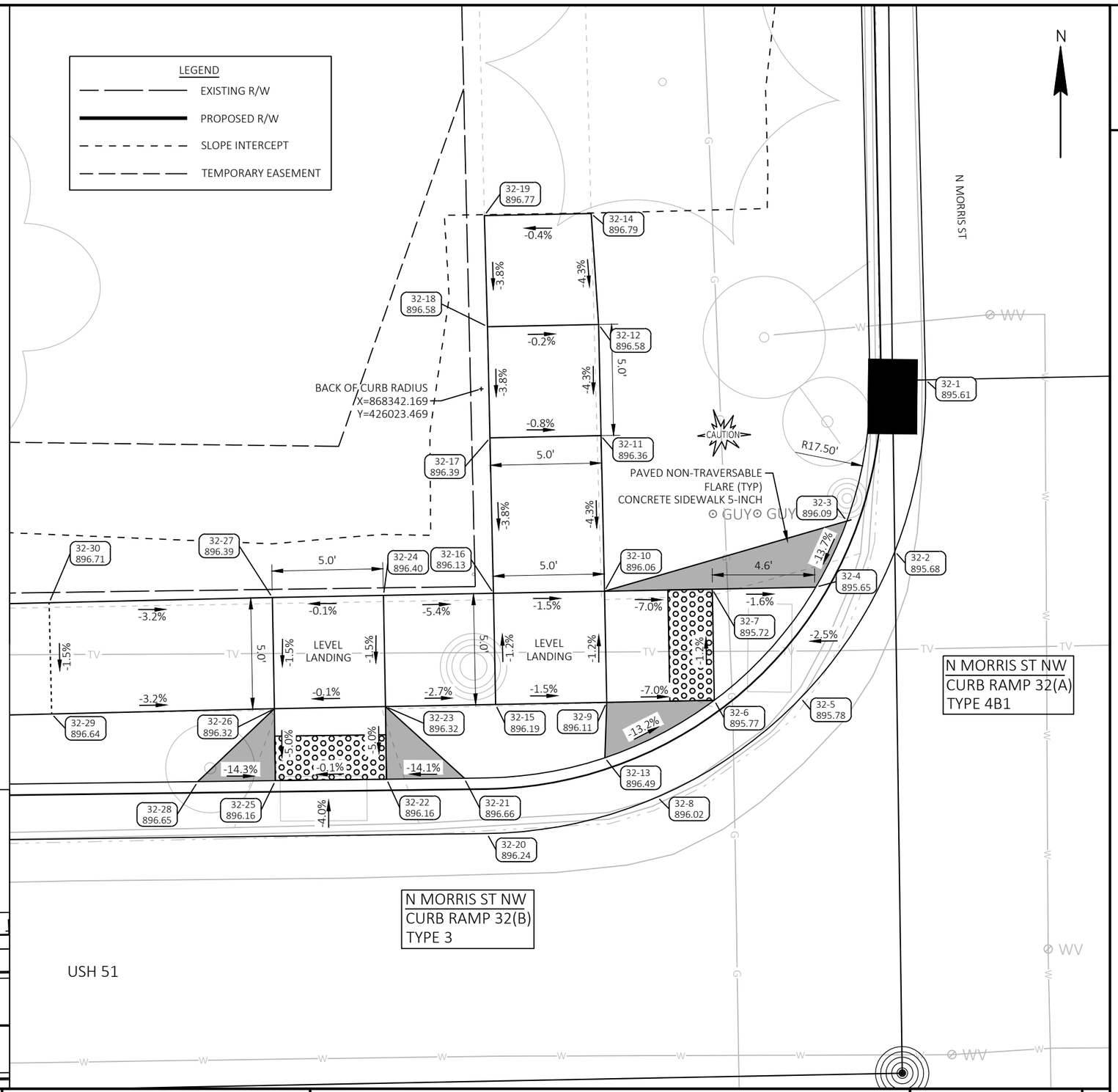


LEGEND
- EXISTING R/W
- PROPOSED R/W
- SLOPE INTERCEPT
- TEMPORARY EASEMENT

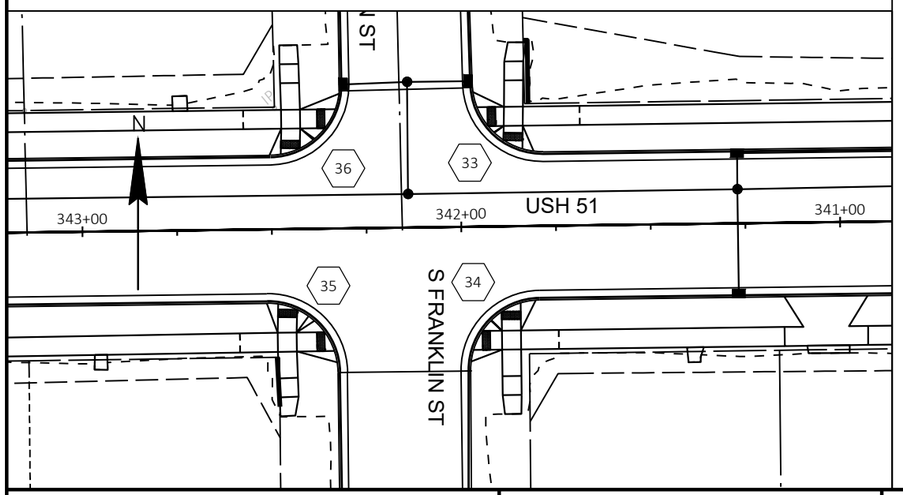
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 65	E

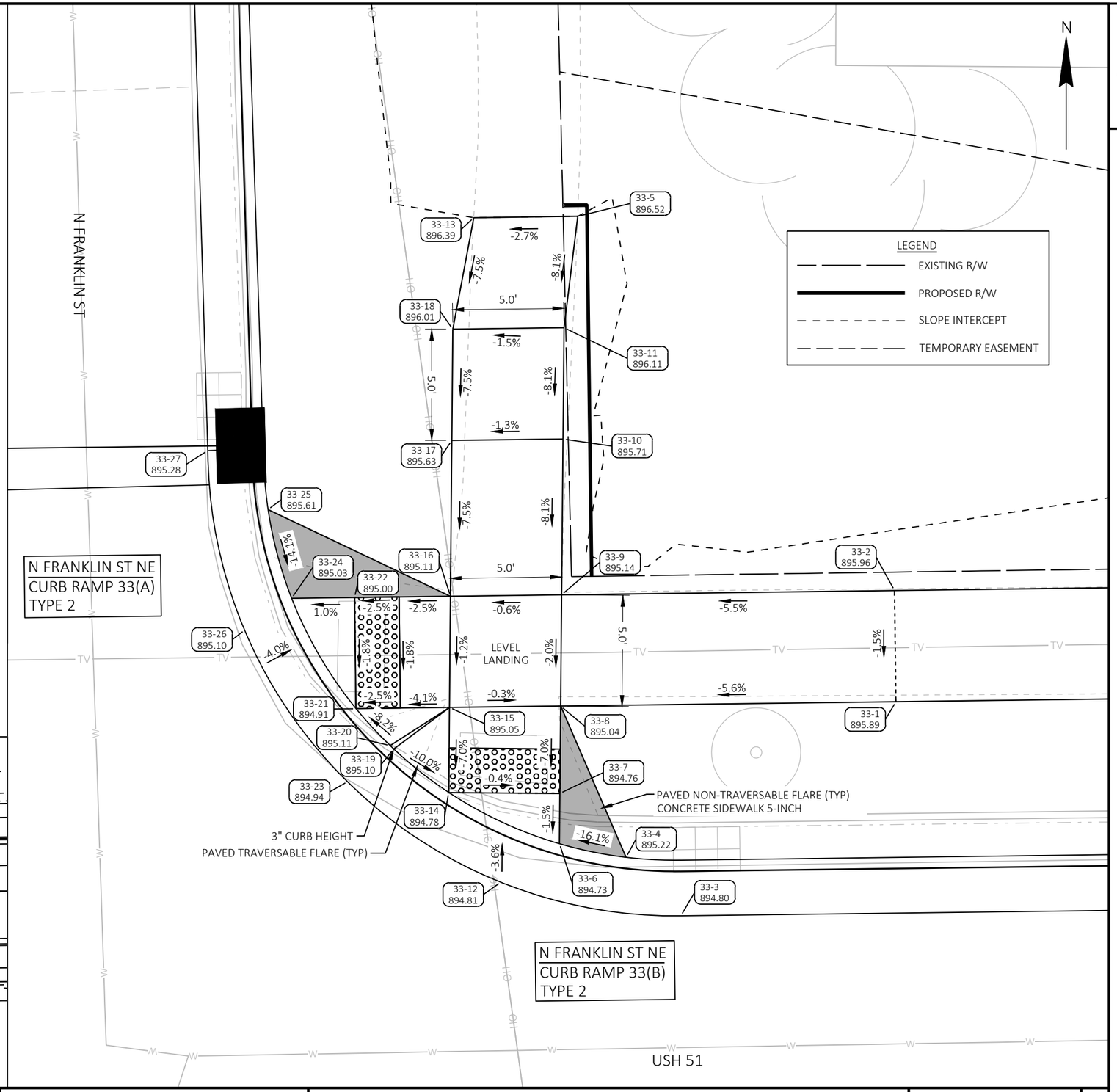
N MORRIS ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
32-1	338+98.55	41.65' RT	895.61	426023.88	868362.16
32-2	339+00.03	33.95' RT	895.68	426016.16	868360.78
32-3	339+02.17	35.34' RT	896.09	426017.52	868358.62
32-4	339+03.61	32.39' RT	895.65	426014.55	868357.23
32-5	339+04.35	27.41' RT	895.78	426009.56	868356.54
32-6	339+08.24	27.36' RT	895.77	426009.46	868352.66
32-7	339+08.27	32.36' RT	895.72	426014.46	868352.56
32-8	339+10.86	23.04' RT	896.02	426005.11	868350.09
32-9	339+13.08	27.33' RT	896.11	426009.37	868347.81
32-10	339+13.12	32.33' RT	896.06	426014.37	868347.72
32-11	339+13.20	39.33' RT	896.36	426021.37	868347.55
32-12	339+13.23	44.33' RT	896.58	426026.37	868347.45
32-13	339+13.20	24.84' RT	896.49	426006.88	868347.73
32-14	339+13.50	49.32' RT	896.79	426031.36	868347.11
32-15	339+18.08	27.30' RT	896.19	426009.27	868342.81
32-16	339+18.12	32.30' RT	896.13	426014.27	868342.72
32-17	339+18.18	39.30' RT	896.39	426021.27	868342.56
32-18	339+18.23	44.30' RT	896.58	426026.27	868342.45
32-19	339+18.31	49.30' RT	896.77	426031.27	868342.31
32-20	339+18.55	21.50' RT	896.24	426003.47	868342.43
32-21	339+19.54	24.00' RT	896.66	426005.96	868341.41
32-22	339+23.04	24.00' RT	896.16	426005.91	868337.90
32-23	339+23.04	27.27' RT	896.32	426009.18	868337.86
32-24	339+23.07	32.27' RT	896.40	426014.18	868337.77
32-25	339+28.04	24.00' RT	896.16	426005.85	868332.91
32-26	339+28.04	27.23' RT	896.32	426009.08	868332.86
32-27	339+28.07	32.23' RT	896.39	426014.08	868332.77
32-28	339+31.54	24.00' RT	896.65	426005.80	868329.41
32-29	339+38.07	27.13' RT	896.64	426008.85	868322.84
32-30	339+38.12	32.13' RT	896.71	426013.85	868322.72





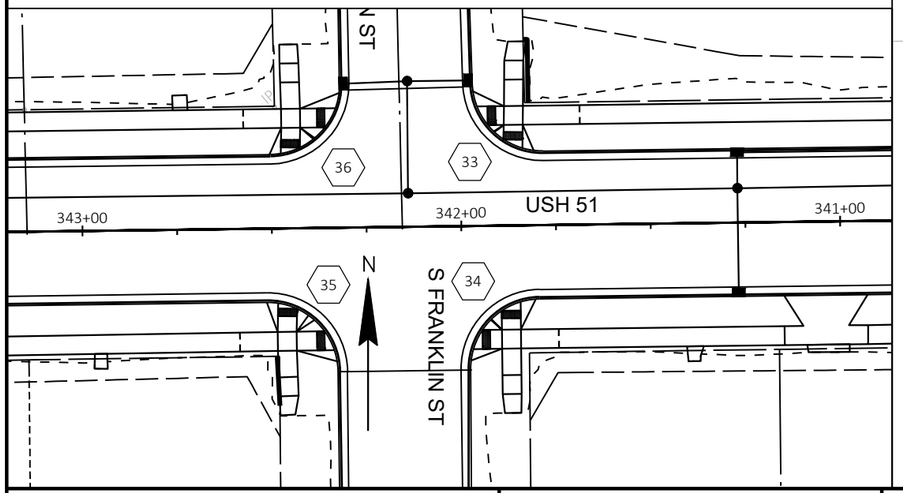
N FRANKLIN ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
33-1	341+68.39	26.50' RT	895.89	426005.27	868092.54
33-2	341+68.39	31.50' RT	895.96	426010.27	868092.47
33-3	341+78.18	17.00' RT	894.80	425995.64	868082.87
33-4	341+80.62	19.66' RT	895.22	425998.27	868080.40
33-5	341+82.42	48.50' RT	896.52	426027.08	868078.23
33-6	341+83.60	20.31' RT	894.73	425998.88	868077.41
33-7	341+83.55	22.57' RT	894.76	426001.14	868077.43
33-8	341+83.47	26.50' RT	895.04	426005.07	868077.46
33-9	341+83.36	31.50' RT	895.14	426010.07	868077.51
33-10	341+83.21	38.50' RT	895.71	426017.08	868077.57
33-11	341+83.10	43.50' RT	896.11	426022.08	868077.61
33-12	341+86.25	18.63' RT	894.81	425997.17	868074.78
33-13	341+87.10	48.50' RT	896.39	426027.02	868073.55
33-14	341+88.55	22.68' RT	894.78	426001.19	868072.43
33-15	341+88.47	26.50' RT	895.05	426005.01	868072.46
33-16	341+88.36	31.50' RT	895.11	426010.01	868072.51
33-17	341+88.21	38.50' RT	895.63	426017.01	868072.57
33-18	341+88.10	43.50' RT	896.01	426022.01	868072.61
33-19	341+91.00	24.66' RT	895.10	426003.14	868069.95
33-20	341+91.16	24.82' RT	895.11	426003.29	868069.79
33-21	341+92.67	26.50' RT	894.91	426004.95	868068.26
33-22	341+92.67	31.50' RT	895.00	426009.95	868068.19
33-23	341+93.09	23.23' RT	894.94	426001.68	868067.89
33-24	341+95.50	31.50' RT	895.03	426009.92	868065.37
33-25	341+96.51	35.50' RT	895.61	426013.91	868064.30
33-26	341+97.62	30.10' RT	895.10	426008.49	868063.27
33-27	341+99.19	38.19' RT	895.28	426016.56	868061.60

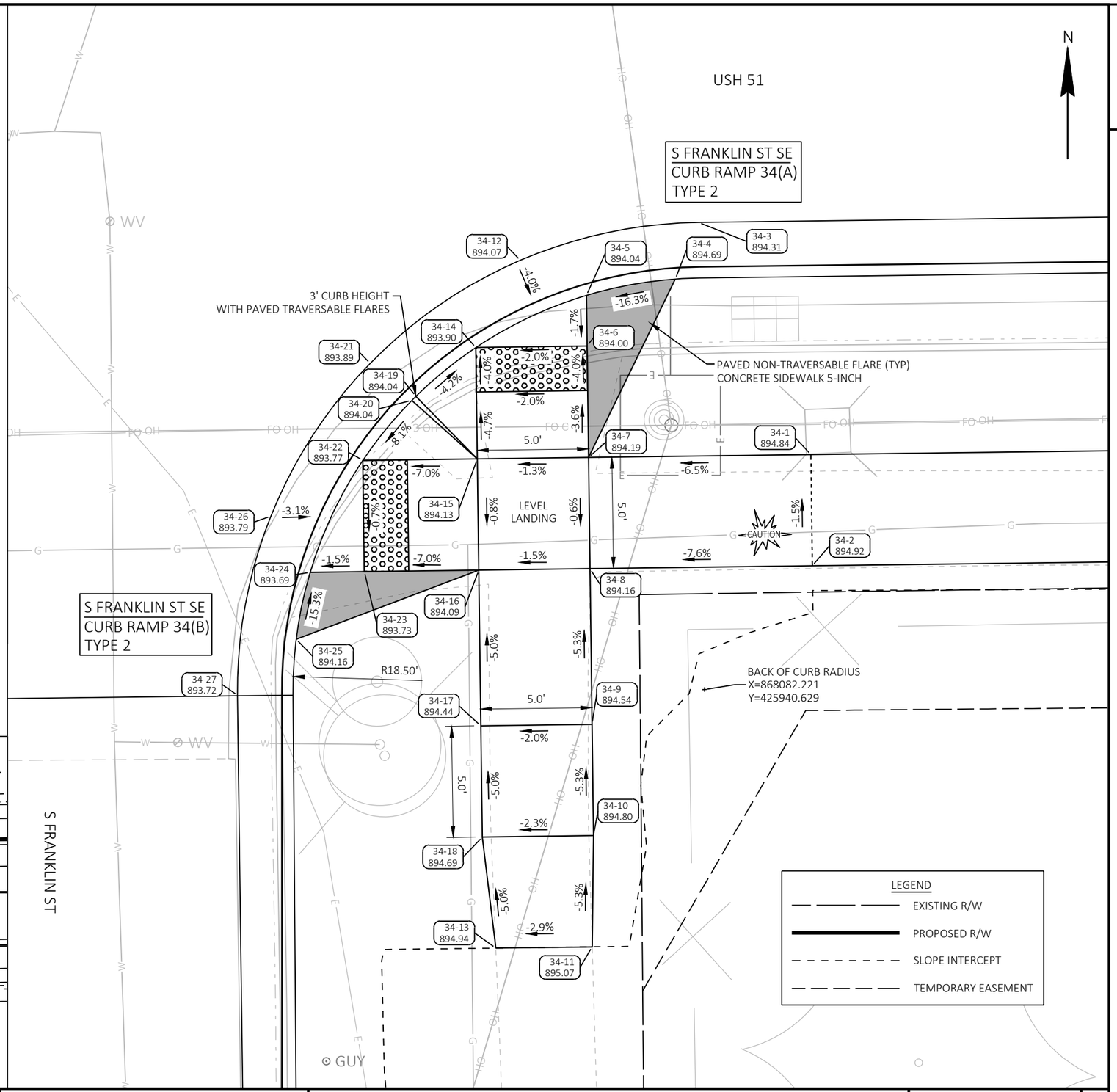




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 67	E

S FRANKLIN ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
34-1	341+74.62	27.50' LT	894.84	425951.19	868087.00
34-2	341+74.62	32.50' LT	894.92	425946.19	868087.06
34-3	341+79.54	17.00' LT	894.31	425961.63	868081.95
34-4	341+80.62	19.53' LT	894.69	425959.08	868080.90
34-5	341+84.62	20.21' LT	894.04	425958.35	868076.91
34-6	341+84.62	22.49' LT	894.00	425956.07	868076.94
34-7	341+84.62	27.50' LT	894.19	425951.06	868077.00
34-8	341+84.62	32.50' LT	894.16	425946.06	868077.07
34-9	341+84.62	39.50' LT	894.54	425939.06	868077.16
34-10	341+84.62	44.50' LT	894.80	425934.06	868077.22
34-11	341+84.74	49.50' LT	895.07	425929.06	868077.17
34-12	341+87.57	18.60' LT	894.07	425959.93	868073.94
34-13	341+89.07	49.50' LT	894.94	425929.01	868072.83
34-14	341+89.62	22.49' LT	893.90	425956.01	868071.94
34-15	341+89.62	27.50' LT	894.13	425951.00	868072.00
34-16	341+89.61	32.50' LT	894.09	425946.00	868072.07
34-17	341+89.62	39.50' LT	894.44	425939.00	868072.16
34-18	341+89.61	44.50' LT	894.69	425934.00	868072.23
34-19	341+92.35	24.65' LT	894.04	425953.81	868069.24
34-20	341+92.54	24.83' LT	894.04	425953.63	868069.05
34-21	341+94.38	23.15' LT	893.89	425955.29	868067.19
34-22	341+94.77	27.50' LT	893.77	425950.93	868066.86
34-23	341+94.77	32.50' LT	893.73	425945.93	868066.92
34-24	341+97.20	32.50' LT	893.69	425945.90	868064.49
34-25	341+97.87	35.50' LT	894.16	425942.89	868063.86
34-26	341+98.94	29.96' LT	893.79	425948.42	868062.72
34-27	342+00.53	37.99' LT	893.72	425940.37	868061.23

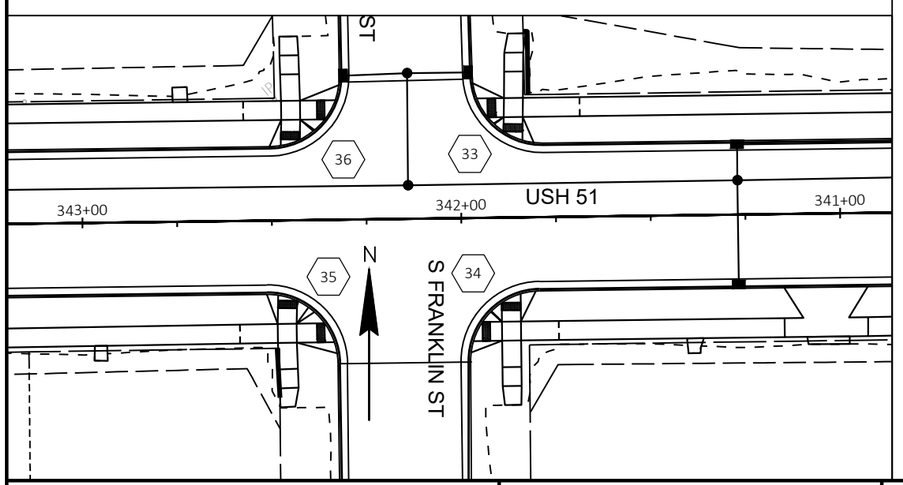


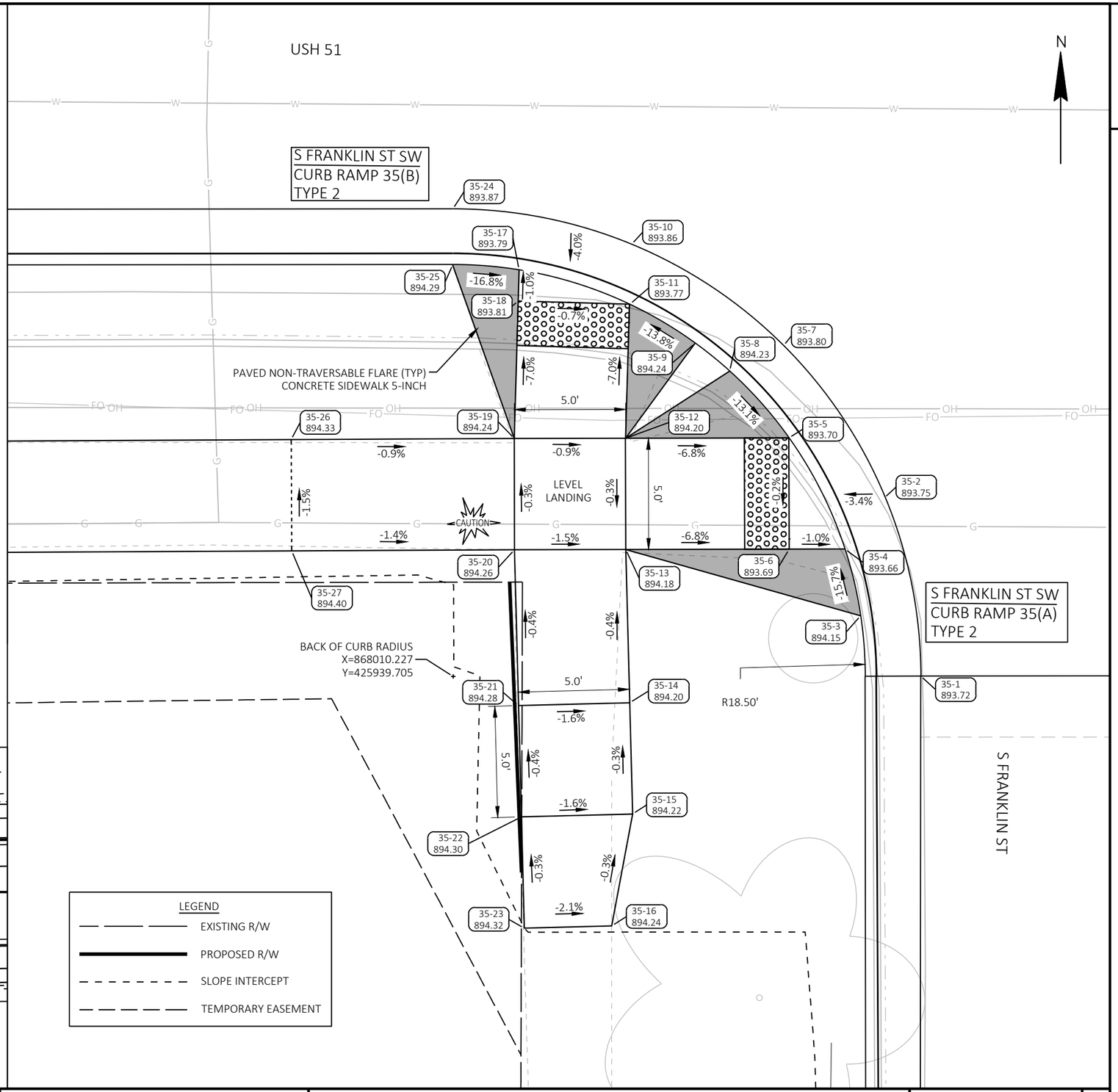


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 68	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - South Franklin Street
PLOT DATE : 9/30/2024 4:18 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########

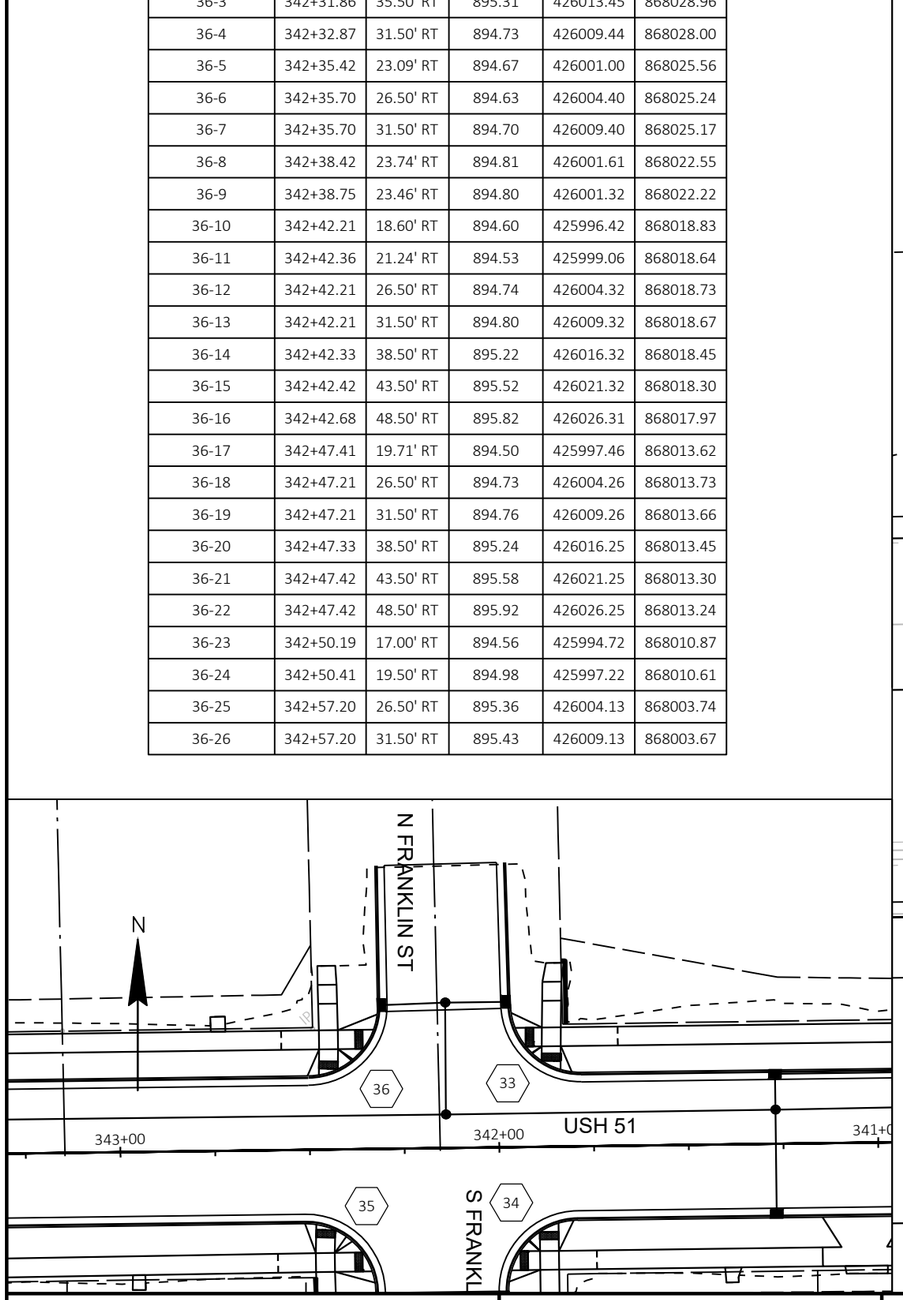
S FRANKLIN ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
35-1	342+30.54	38.00' LT	893.72	425939.97	868031.23
35-2	342+32.17	30.00' LT	893.75	425947.95	868029.49
35-3	342+33.24	35.29' LT	894.15	425942.65	868028.49
35-4	342+33.94	32.29' LT	893.66	425945.64	868027.75
35-5	342+36.45	27.29' LT	893.70	425950.60	868025.18
35-6	342+36.44	32.29' LT	893.69	425945.60	868025.25
35-7	342+36.69	23.15' LT	893.80	425954.74	868024.89
35-8	342+39.11	24.30' LT	894.23	425953.56	868022.48
35-9	342+40.66	23.04' LT	894.24	425954.80	868020.92
35-10	342+43.50	18.60' LT	893.86	425959.21	868018.01
35-11	342+43.58	21.29' LT	893.77	425956.52	868017.97
35-12	342+43.78	27.31' LT	894.20	425950.50	868017.84
35-13	342+43.78	32.31' LT	894.18	425945.50	868017.91
35-14	342+43.61	39.19' LT	894.20	425938.62	868018.17
35-15	342+43.48	44.19' LT	894.22	425933.62	868018.36
35-16	342+44.43	49.21' LT	894.24	425928.59	868017.48
35-17	342+48.56	19.74' LT	893.79	425958.00	868012.97
35-18	342+48.60	21.14' LT	893.81	425956.60	868012.94
35-19	342+48.78	27.32' LT	894.24	425950.42	868012.84
35-20	342+48.78	32.32' LT	894.26	425945.42	868012.91
35-21	342+48.60	39.31' LT	894.28	425938.43	868013.18
35-22	342+48.48	44.31' LT	894.30	425933.43	868013.37
35-23	342+48.35	49.31' LT	894.32	425928.44	868013.56
35-24	342+51.54	17.00' LT	893.87	425960.70	868009.96
35-25	342+51.54	19.50' LT	894.29	425958.20	868009.99
35-26	342+58.81	27.36' LT	894.33	425950.25	868002.82
35-27	342+58.78	32.36' LT	894.40	425945.25	868002.91

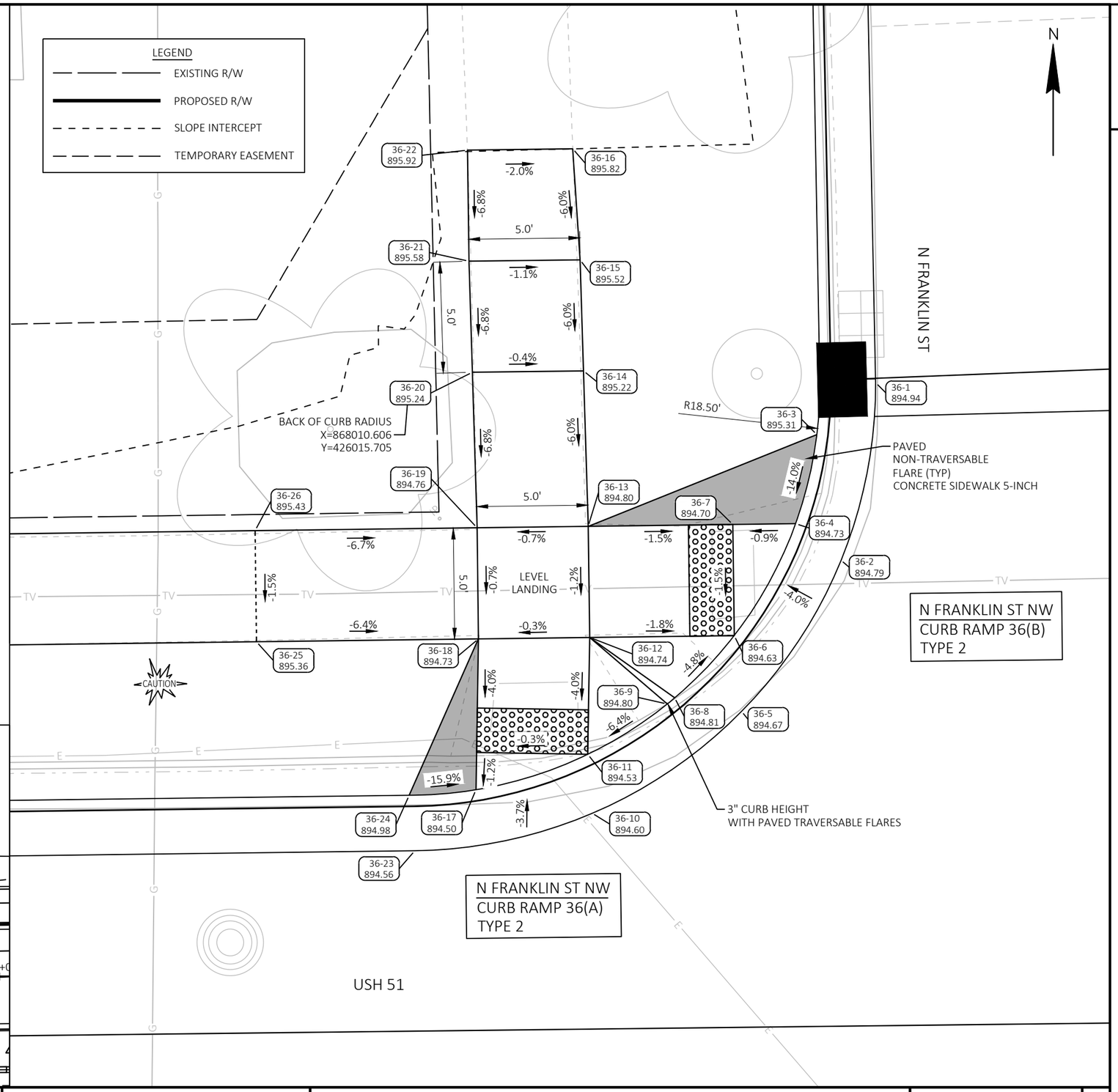




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 69	E

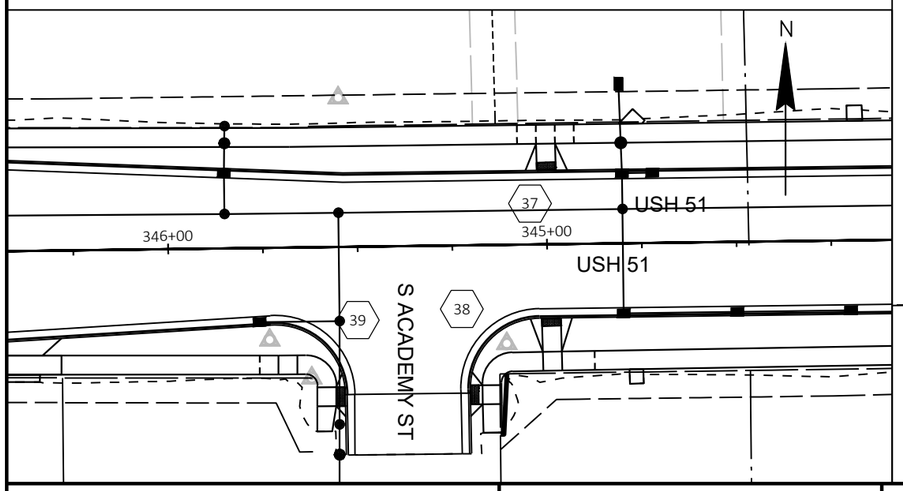
N FRANKLIN ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
36-1	342+29.19	37.80' RT	894.94	426015.79	868031.60
36-2	342+30.87	29.84' RT	894.79	426007.80	868030.03
36-3	342+31.86	35.50' RT	895.31	426013.45	868028.96
36-4	342+32.87	31.50' RT	894.73	426009.44	868028.00
36-5	342+35.42	23.09' RT	894.67	426001.00	868025.56
36-6	342+35.70	26.50' RT	894.63	426004.40	868025.24
36-7	342+35.70	31.50' RT	894.70	426009.40	868025.17
36-8	342+38.42	23.74' RT	894.81	426001.61	868022.55
36-9	342+38.75	23.46' RT	894.80	426001.32	868022.22
36-10	342+42.21	18.60' RT	894.60	425996.42	868018.83
36-11	342+42.36	21.24' RT	894.53	425999.06	868018.64
36-12	342+42.21	26.50' RT	894.74	426004.32	868018.73
36-13	342+42.21	31.50' RT	894.80	426009.32	868018.67
36-14	342+42.33	38.50' RT	895.22	426016.32	868018.45
36-15	342+42.42	43.50' RT	895.52	426021.32	868018.30
36-16	342+42.68	48.50' RT	895.82	426026.31	868017.97
36-17	342+47.41	19.71' RT	894.50	425997.46	868013.62
36-18	342+47.21	26.50' RT	894.73	426004.26	868013.73
36-19	342+47.21	31.50' RT	894.76	426009.26	868013.66
36-20	342+47.33	38.50' RT	895.24	426016.25	868013.45
36-21	342+47.42	43.50' RT	895.58	426021.25	868013.30
36-22	342+47.42	48.50' RT	895.92	426026.25	868013.24
36-23	342+50.19	17.00' RT	894.56	425994.72	868010.87
36-24	342+50.41	19.50' RT	894.98	425997.22	868010.61
36-25	342+57.20	26.50' RT	895.36	426004.13	868003.74
36-26	342+57.20	31.50' RT	895.43	426009.13	868003.67

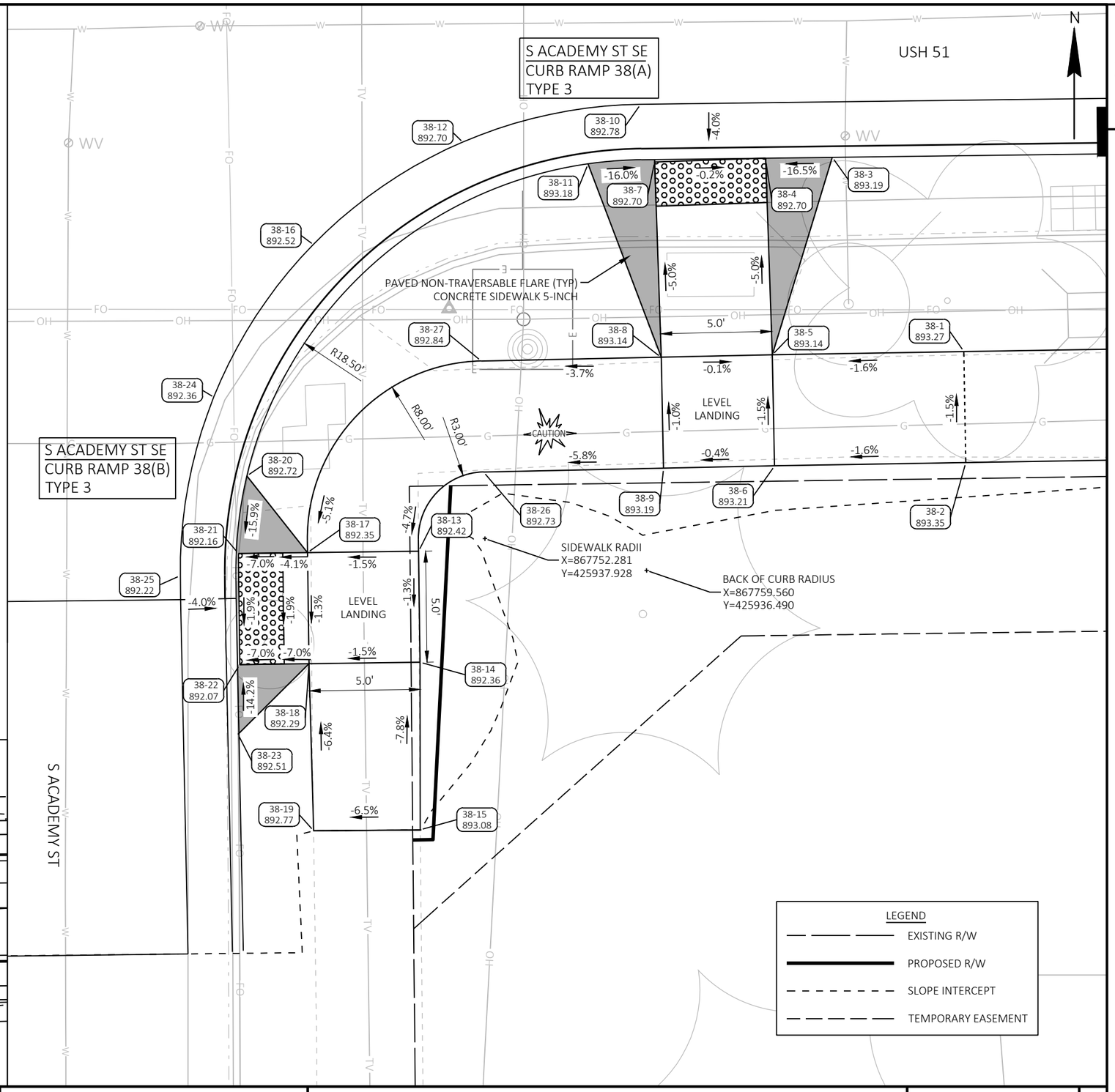




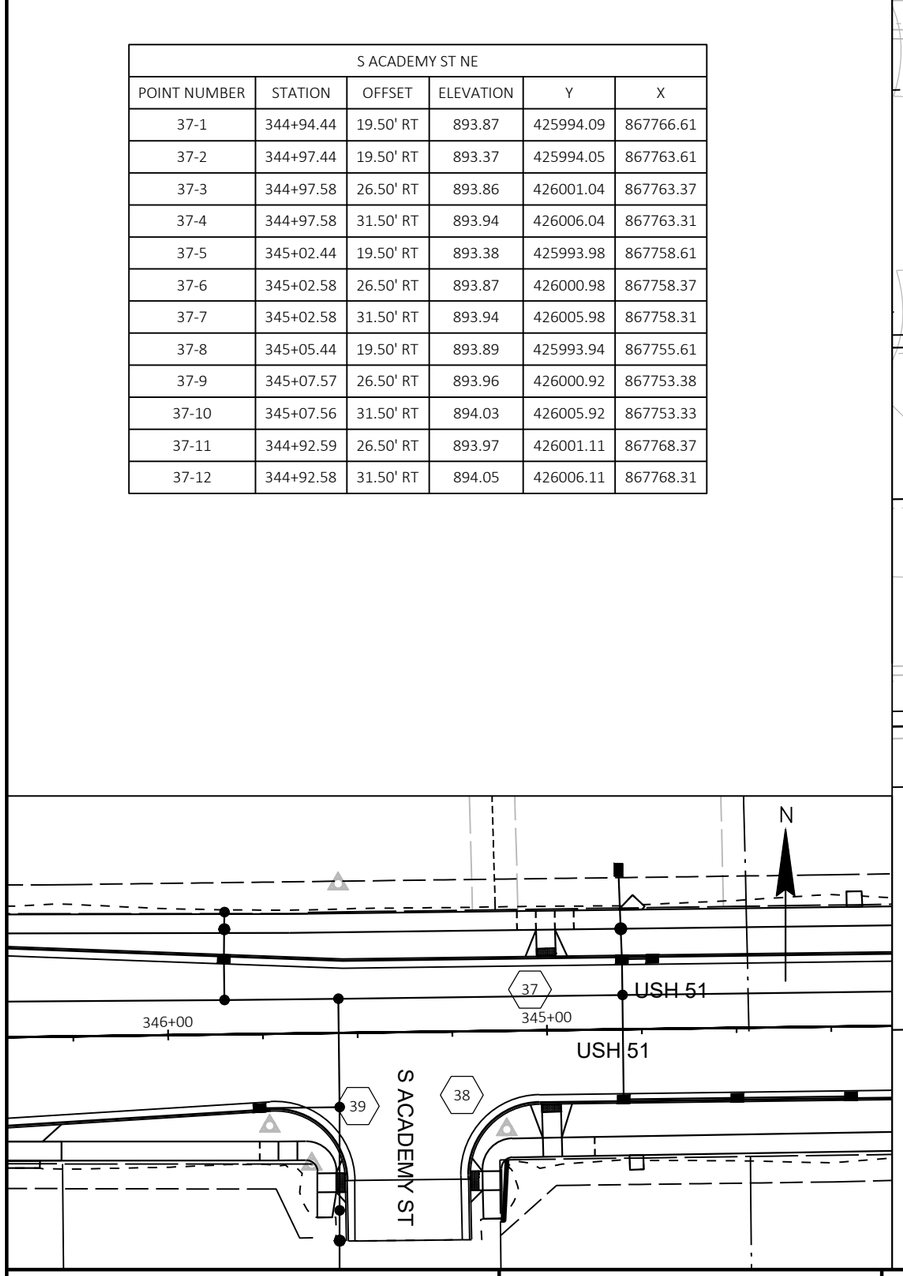
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 70	E

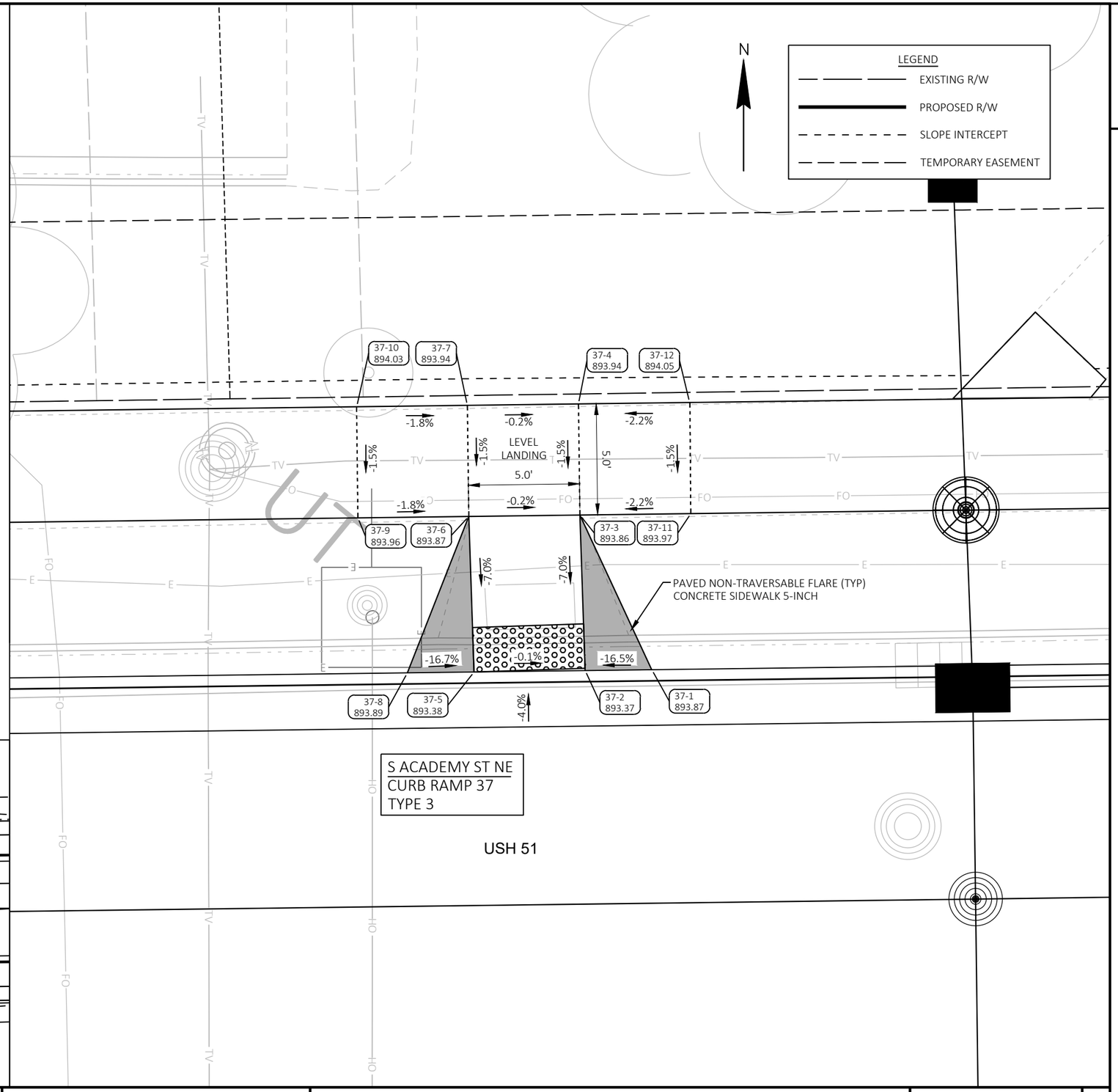
S ACADEMY ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
38-1	344+87.81	28.32' LT	893.27	425946.35	867773.85
38-2	344+87.79	33.32' LT	893.35	425941.35	867773.93
38-3	344+93.63	19.50' LT	893.19	425955.10	867767.92
38-4	344+96.62	19.56' LT	892.70	425955.00	867764.92
38-5	344+96.44	28.36' LT	893.14	425946.20	867765.22
38-6	344+96.40	33.36' LT	893.21	425941.21	867765.32
38-7	345+01.62	19.60' LT	892.70	425954.89	867759.92
38-8	345+01.45	28.40' LT	893.14	425946.10	867760.21
38-9	345+01.40	33.40' LT	893.19	425941.10	867760.33
38-10	345+02.22	17.00' LT	892.78	425957.49	867759.29
38-11	345+04.62	19.66' LT	893.18	425954.80	867756.92
38-12	345+10.24	18.63' LT	892.70	425955.76	867751.30
38-13	345+12.48	37.00' LT	892.42	425937.36	867749.29
38-14	345+12.48	42.00' LT	892.36	425932.36	867749.35
38-15	345+12.57	49.55' LT	893.08	425924.81	867749.36
38-16	345+17.02	23.15' LT	892.52	425951.15	867744.58
38-17	345+17.48	37.00' LT	892.35	425937.29	867744.29
38-18	345+17.48	42.00' LT	892.29	425932.30	867744.35
38-19	345+17.37	49.53' LT	892.77	425924.77	867744.56
38-20	345+20.17	33.51' LT	892.72	425940.75	867741.56
38-21	345+20.60	37.00' LT	892.16	425937.25	867741.17
38-22	345+20.60	42.00' LT	892.07	425932.25	867741.24
38-23	345+20.72	45.14' LT	892.51	425929.11	867741.16
38-24	345+21.58	29.97' LT	892.36	425944.28	867740.10
38-25	345+23.22	37.96' LT	892.22	425936.26	867738.56
38-26	345+09.51	33.47' LT	892.73	425940.93	867752.22
38-27	345+09.55	28.47' LT	892.84	425945.93	867752.11





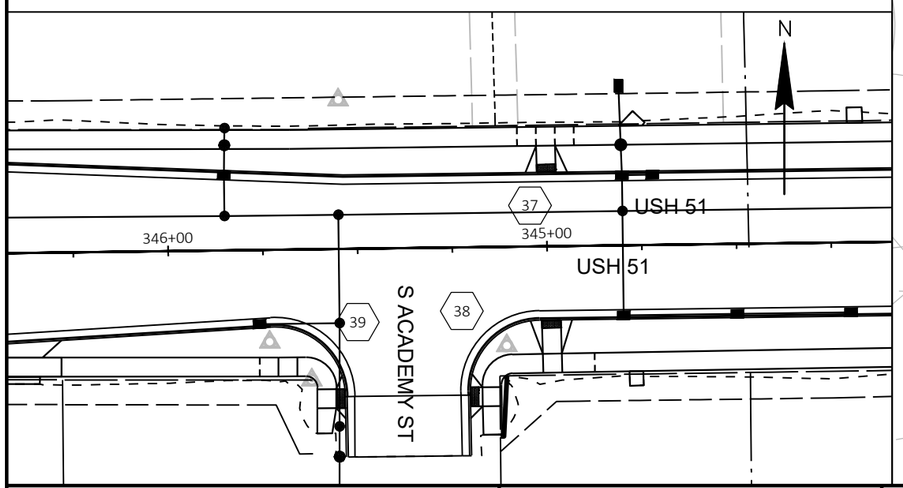
S ACADEMY ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
37-1	344+94.44	19.50' RT	893.87	425994.09	867766.61
37-2	344+97.44	19.50' RT	893.37	425994.05	867763.61
37-3	344+97.58	26.50' RT	893.86	426001.04	867763.37
37-4	344+97.58	31.50' RT	893.94	426006.04	867763.31
37-5	345+02.44	19.50' RT	893.38	425993.98	867758.61
37-6	345+02.58	26.50' RT	893.87	426000.98	867758.37
37-7	345+02.58	31.50' RT	893.94	426005.98	867758.31
37-8	345+05.44	19.50' RT	893.89	425993.94	867755.61
37-9	345+07.57	26.50' RT	893.96	426000.92	867753.38
37-10	345+07.56	31.50' RT	894.03	426005.92	867753.33
37-11	344+92.59	26.50' RT	893.97	426001.11	867768.37
37-12	344+92.58	31.50' RT	894.05	426006.11	867768.31

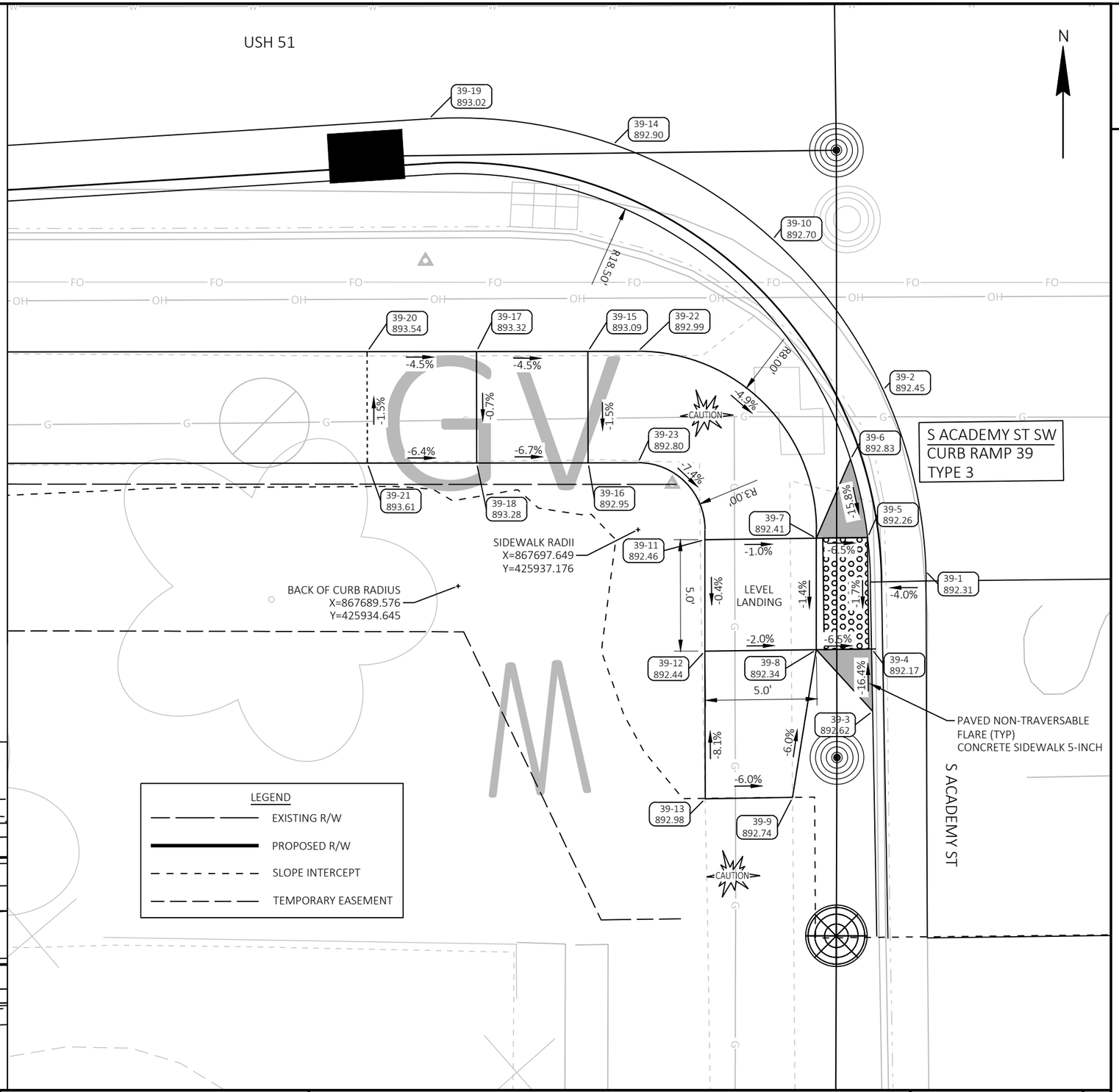




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 72	E

S ACADEMY ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
39-1	345+51.25	38.53' LT	892.31	425935.34	867710.54
39-2	345+53.06	30.40' LT	892.45	425943.44	867708.63
39-3	345+53.70	44.80' LT	892.62	425929.03	867708.18
39-4	345+53.70	42.00' LT	892.17	425931.83	867708.14
39-5	345+53.83	37.00' LT	892.26	425936.82	867707.95
39-6	345+54.55	33.49' LT	892.83	425940.33	867707.18
39-7	345+56.13	37.00' LT	892.41	425936.79	867705.65
39-8	345+56.19	42.00' LT	892.34	425931.79	867705.65
39-9	345+57.34	48.62' LT	892.74	425925.17	867704.59
39-10	345+57.92	23.60' LT	892.70	425950.17	867703.69
39-11	345+61.13	37.01' LT	892.46	425936.73	867700.65
39-12	345+61.19	42.01' LT	892.44	425931.73	867700.65
39-13	345+61.26	48.63' LT	892.98	425925.10	867700.66
39-14	345+65.03	19.25' LT	892.90	425954.44	867696.52
39-15	345+66.26	28.49' LT	893.09	425945.17	867695.40
39-16	345+66.32	33.49' LT	892.95	425940.17	867695.41
39-17	345+71.26	28.44' LT	893.32	425945.17	867690.40
39-18	345+71.32	33.44' LT	893.28	425940.17	867690.41
39-19	345+73.27	17.97' LT	893.02	425955.60	867688.26
39-20	345+76.17	28.38' LT	893.54	425945.16	867685.50
39-21	345+76.23	33.38' LT	893.61	425940.16	867685.50
39-22	345+64.03	28.52' LT	892.99	425945.18	867697.64
39-23	345+64.09	33.52' LT	892.80	425940.18	867697.65

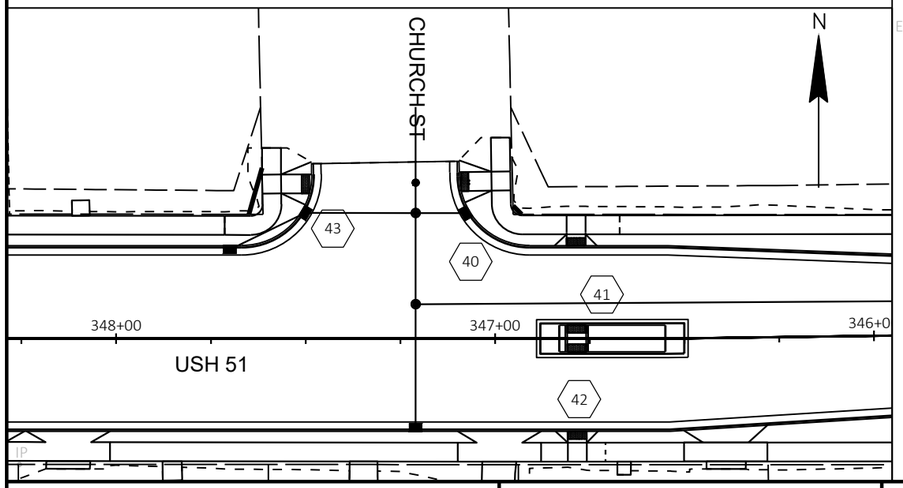


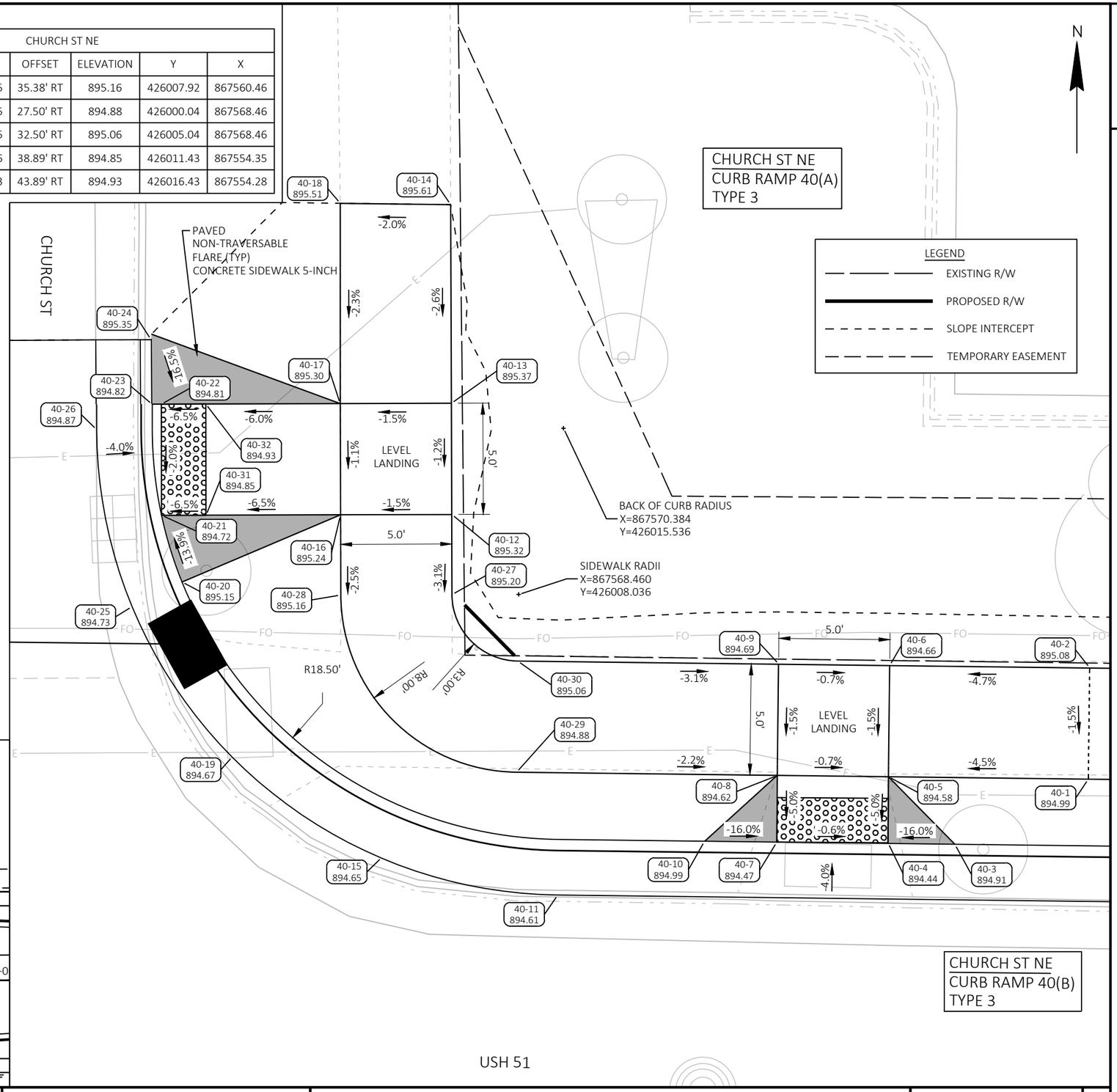


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 73	E

CHURCH ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
40-1	346+67.12	27.50' RT	894.99	426000.04	867594.18
40-2	346+67.12	32.50' RT	895.08	426005.04	867594.18
40-3	346+73.09	24.50' RT	894.91	425997.04	867588.21
40-4	346+76.10	24.53' RT	894.44	425997.06	867585.21
40-5	346+76.12	27.50' RT	894.58	426000.04	867585.19
40-6	346+76.12	32.50' RT	894.66	426005.04	867585.19
40-7	346+81.10	24.50' RT	894.47	425997.04	867580.21
40-8	346+81.10	27.50' RT	894.62	426000.04	867580.21
40-9	346+81.10	32.50' RT	894.69	426005.04	867580.21
40-10	346+84.35	24.50' RT	894.99	425997.04	867576.96
40-11	346+90.92	22.00' RT	894.61	425994.54	867570.39
40-12	346+95.90	39.06' RT	895.32	426011.60	867565.41
40-13	346+95.98	44.06' RT	895.37	426016.60	867565.33
40-14	346+96.12	53.00' RT	895.61	426025.53	867565.19
40-15	346+98.87	23.59' RT	894.65	425996.13	867562.44
40-16	347+00.90	38.99' RT	895.24	426011.52	867560.41
40-17	347+00.98	43.98' RT	895.30	426016.52	867560.33
40-18	347+01.09	53.00' RT	895.51	426025.53	867560.22
40-19	347+05.64	28.05' RT	894.67	426000.58	867555.67
40-20	347+08.00	35.88' RT	895.15	426008.41	867553.31
40-21	347+08.96	38.86' RT	894.72	426011.40	867552.35
40-22	347+09.03	43.86' RT	894.81	426016.40	867552.28
40-23	347+09.44	43.86' RT	894.82	426016.39	867551.87
40-24	347+09.52	46.76' RT	895.35	426019.30	867551.78
40-25	347+10.23	34.75' RT	894.73	426007.28	867551.07
40-26	347+11.92	42.69' RT	894.87	426015.22	867549.39
40-27	346+95.85	35.46' RT	895.20	426007.99	867565.46

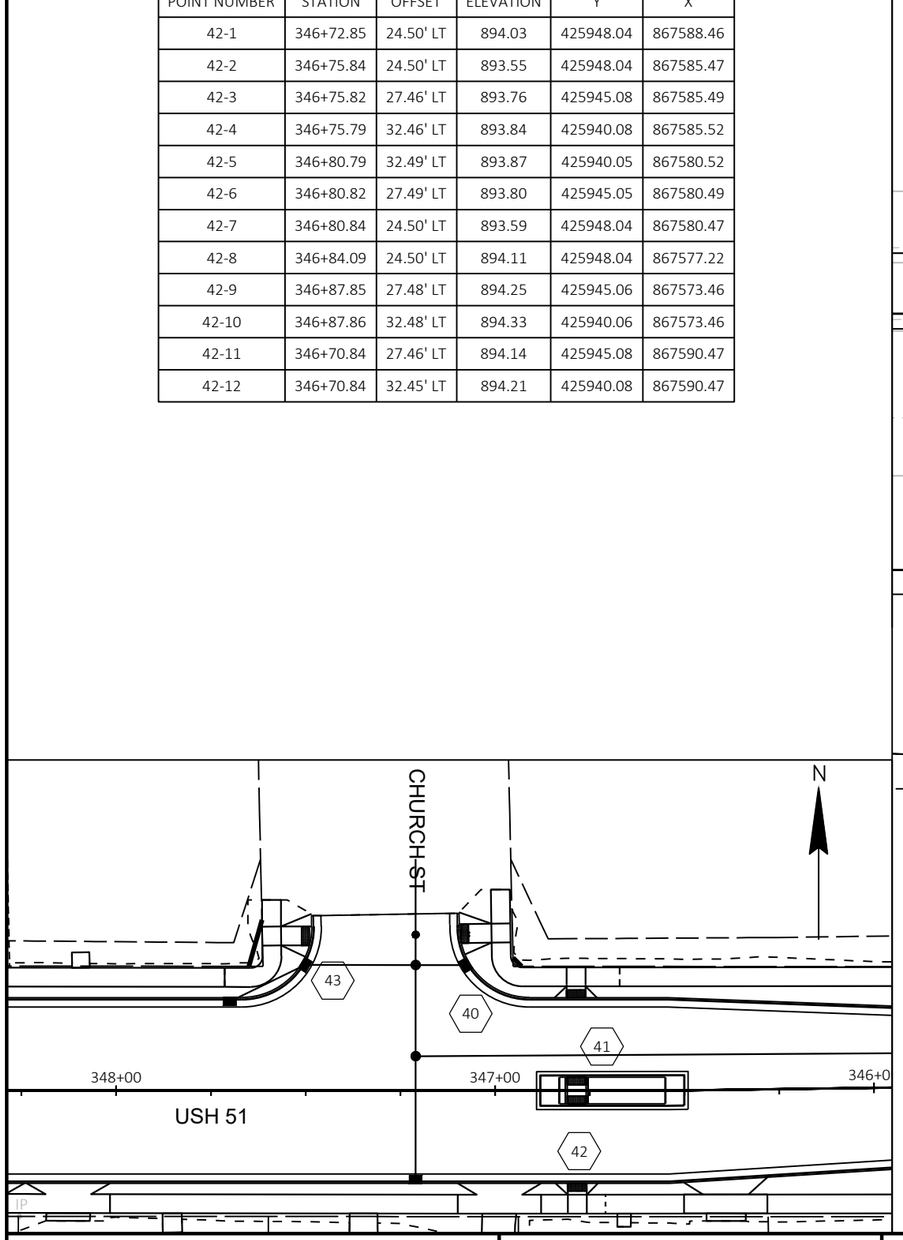
CHURCH ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
40-28	347+00.85	35.38' RT	895.16	426007.92	867560.46
40-29	346+92.85	27.50' RT	894.88	426000.04	867568.46
40-30	346+92.85	32.50' RT	895.06	426005.04	867568.46
40-31	347+06.96	38.89' RT	894.85	426011.43	867554.35
40-32	347+07.03	43.89' RT	894.93	426016.43	867554.28

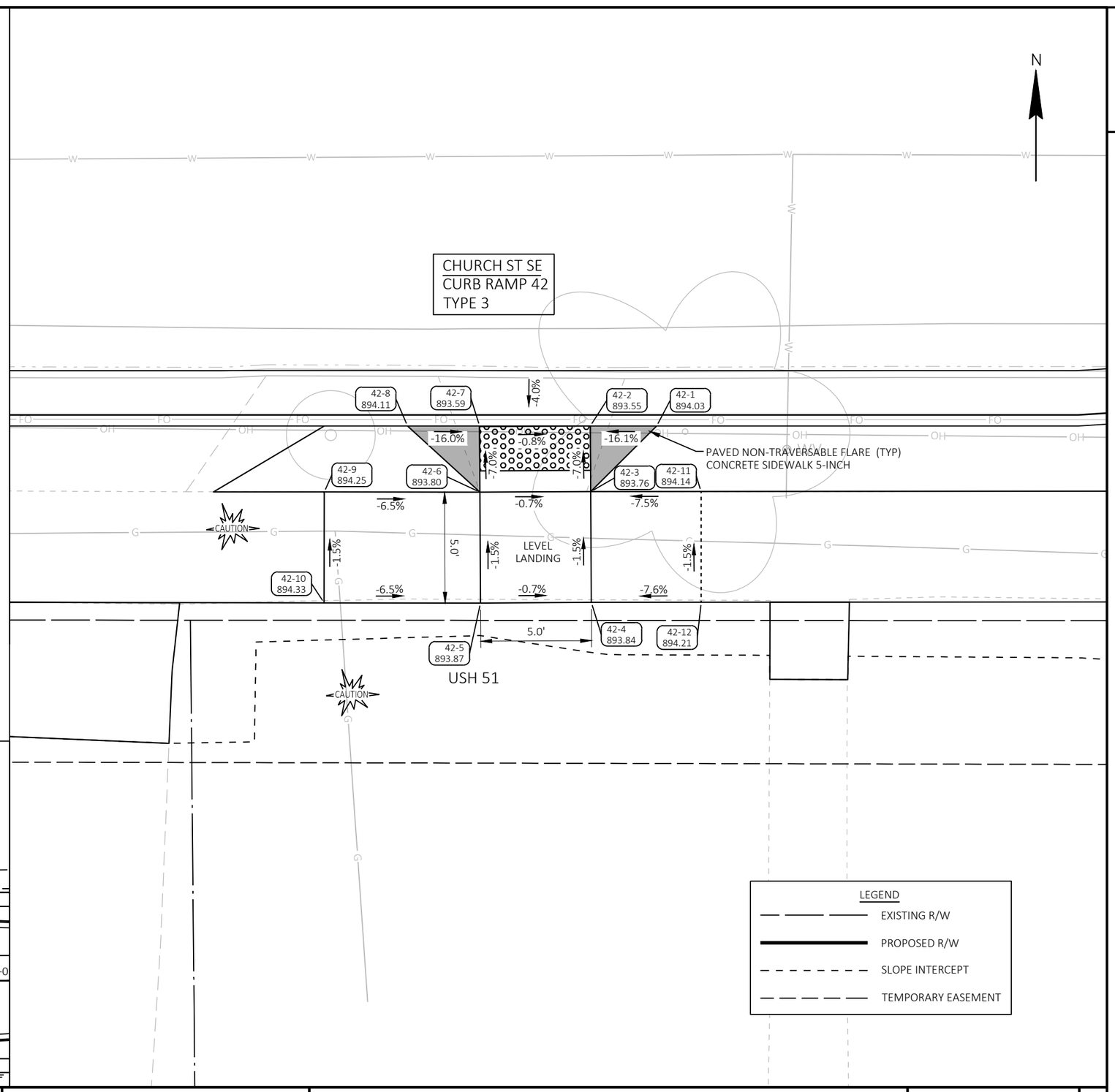




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 74	E

CHURCH ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
42-1	346+72.85	24.50' LT	894.03	425948.04	867588.46
42-2	346+75.84	24.50' LT	893.55	425948.04	867585.47
42-3	346+75.82	27.46' LT	893.76	425945.08	867585.49
42-4	346+75.79	32.46' LT	893.84	425940.08	867585.52
42-5	346+80.79	32.49' LT	893.87	425940.05	867580.52
42-6	346+80.82	27.49' LT	893.80	425945.05	867580.49
42-7	346+80.84	24.50' LT	893.59	425948.04	867580.47
42-8	346+84.09	24.50' LT	894.11	425948.04	867577.22
42-9	346+87.85	27.48' LT	894.25	425945.06	867573.46
42-10	346+87.86	32.48' LT	894.33	425940.06	867573.46
42-11	346+70.84	27.46' LT	894.14	425945.08	867590.47
42-12	346+70.84	32.45' LT	894.21	425940.08	867590.47



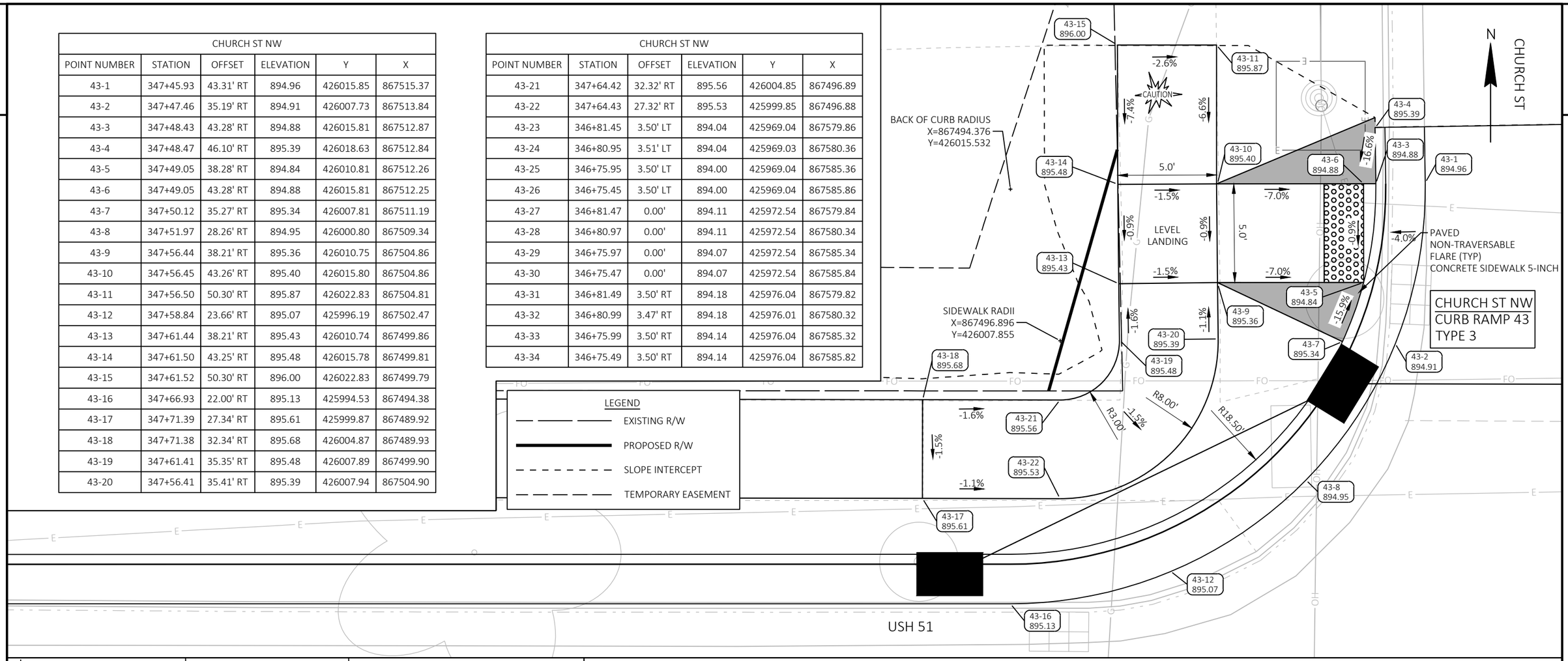


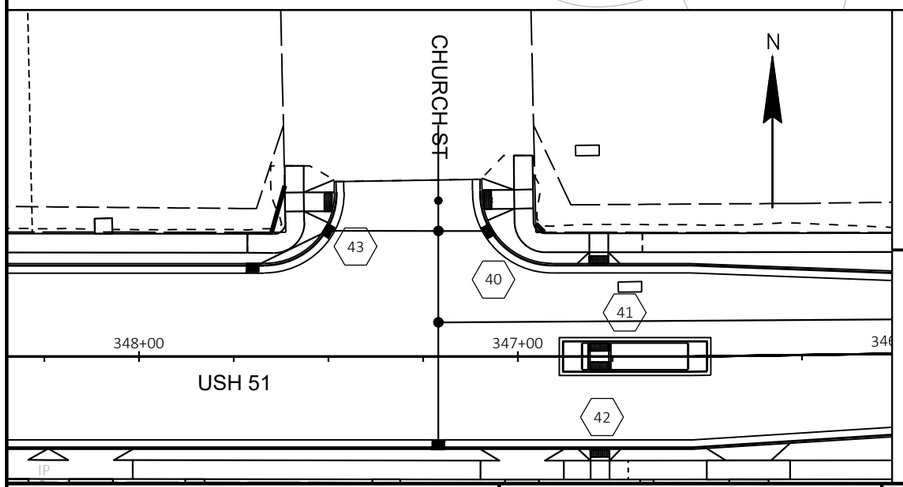
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 75	E

CHURCH ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
43-1	347+45.93	43.31' RT	894.96	426015.85	867515.37
43-2	347+47.46	35.19' RT	894.91	426007.73	867513.84
43-3	347+48.43	43.28' RT	894.88	426015.81	867512.87
43-4	347+48.47	46.10' RT	895.39	426018.63	867512.84
43-5	347+49.05	38.28' RT	894.84	426010.81	867512.26
43-6	347+49.05	43.28' RT	894.88	426015.81	867512.25
43-7	347+50.12	35.27' RT	895.34	426007.81	867511.19
43-8	347+51.97	28.26' RT	894.95	426000.80	867509.34
43-9	347+56.44	38.21' RT	895.36	426010.75	867504.86
43-10	347+56.45	43.26' RT	895.40	426015.80	867504.86
43-11	347+56.50	50.30' RT	895.87	426022.83	867504.81
43-12	347+58.84	23.66' RT	895.07	425996.19	867502.47
43-13	347+61.44	38.21' RT	895.43	426010.74	867499.86
43-14	347+61.50	43.25' RT	895.48	426015.78	867499.81
43-15	347+61.52	50.30' RT	896.00	426022.83	867499.79
43-16	347+66.93	22.00' RT	895.13	425994.53	867494.38
43-17	347+71.39	27.34' RT	895.61	425999.87	867489.92
43-18	347+71.38	32.34' RT	895.68	426004.87	867489.93
43-19	347+61.41	35.35' RT	895.48	426007.89	867499.90
43-20	347+56.41	35.41' RT	895.39	426007.94	867504.90

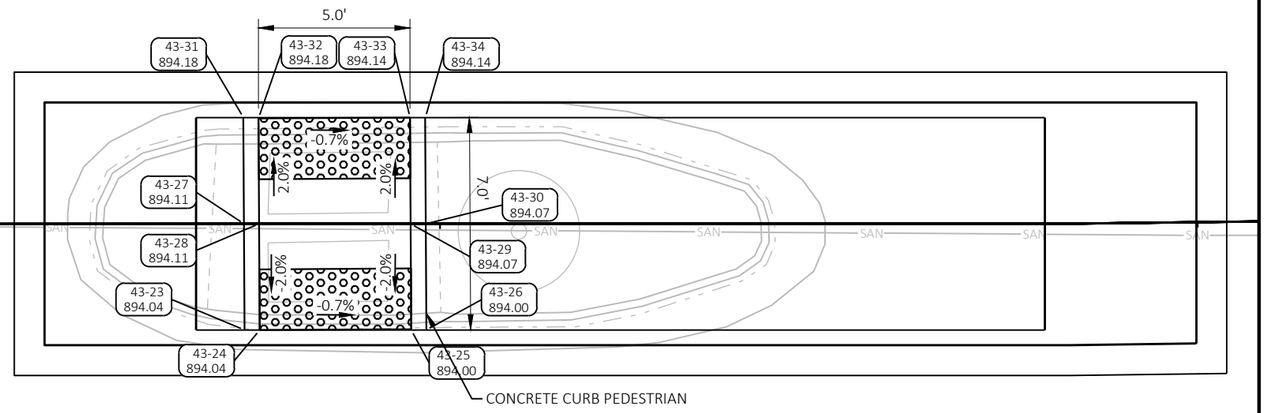
CHURCH ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
43-21	347+64.42	32.32' RT	895.56	426004.85	867496.89
43-22	347+64.43	27.32' RT	895.53	425999.85	867496.88
43-23	346+81.45	3.50' LT	894.04	425969.04	867579.86
43-24	346+80.95	3.51' LT	894.04	425969.03	867580.36
43-25	346+75.95	3.50' LT	894.00	425969.04	867585.36
43-26	346+75.45	3.50' LT	894.00	425969.04	867585.86
43-27	346+81.47	0.00'	894.11	425972.54	867579.84
43-28	346+80.97	0.00'	894.11	425972.54	867580.34
43-29	346+75.97	0.00'	894.07	425972.54	867585.34
43-30	346+75.47	0.00'	894.07	425972.54	867585.84
43-31	346+81.49	3.50' RT	894.18	425976.04	867579.82
43-32	346+80.99	3.47' RT	894.18	425976.01	867580.32
43-33	346+75.99	3.50' RT	894.14	425976.04	867585.32
43-34	346+75.49	3.50' RT	894.14	425976.04	867585.82

LEGEND
- EXISTING R/W
- PROPOSED R/W
- SLOPE INTERCEPT
- TEMPORARY EASEMENT



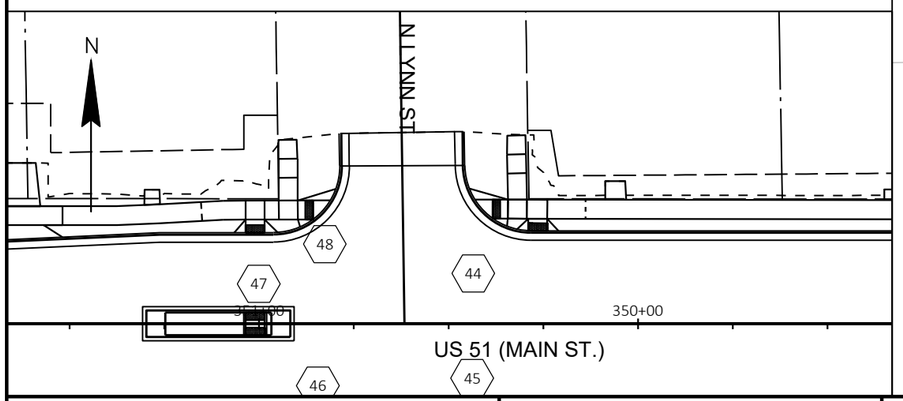


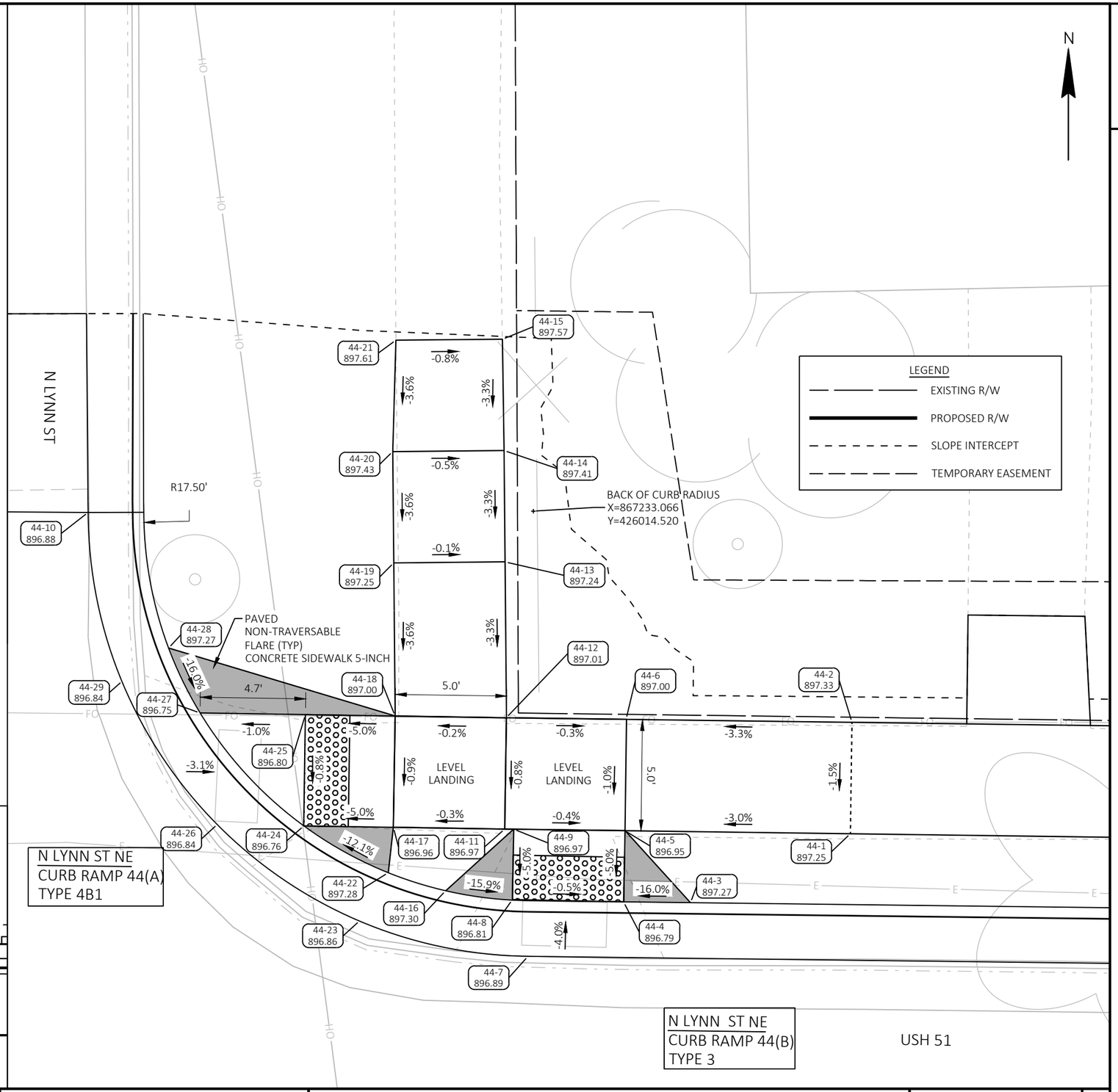
CHURCH ST MEDIAN
CURB RAMP 41
TYPE 5



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 76	E

N LYNN ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
44-1	350+13.83	27.68' RT	897.25	426000.20	867247.48
44-2	350+13.82	32.68' RT	897.33	426005.21	867247.49
44-3	350+20.98	24.50' RT	897.27	425997.02	867240.33
44-4	350+23.98	24.50' RT	896.79	425997.02	867237.33
44-5	350+23.97	27.70' RT	896.95	426000.22	867237.34
44-6	350+23.96	32.70' RT	897.00	426005.22	867237.34
44-7	350+28.24	22.00' RT	896.89	425994.52	867233.07
44-8	350+28.98	24.54' RT	896.81	425997.06	867232.33
44-9	350+28.95	27.71' RT	896.97	426000.23	867232.36
44-10	350+48.24	41.70' RT	896.88	426014.22	867213.07
44-11	350+29.36	27.71' RT	896.97	426000.23	867231.95
44-12	350+29.35	32.71' RT	897.01	426005.23	867231.96
44-13	350+29.49	39.71' RT	897.24	426012.23	867231.82
44-14	350+29.59	44.71' RT	897.41	426017.23	867231.72
44-15	350+29.73	49.70' RT	897.57	426022.22	867231.58
44-16	350+31.97	24.90' RT	897.30	425997.42	867229.34
44-17	350+34.36	27.72' RT	896.96	426000.24	867226.95
44-18	350+34.34	32.72' RT	897.00	426005.24	867226.97
44-19	350+34.48	39.60' RT	897.25	426012.12	867226.82
44-20	350+34.59	44.60' RT	897.43	426017.12	867226.72
44-21	350+34.51	49.60' RT	897.61	426022.12	867226.80
44-22	350+34.56	25.68' RT	897.28	425998.20	867226.74
44-23	350+35.81	23.51' RT	896.86	425996.03	867225.49
44-24	350+38.38	27.74' RT	896.76	426000.26	867222.92
44-25	350+38.37	32.74' RT	896.80	426005.26	867222.94
44-26	350+42.26	27.77' RT	896.84	426000.29	867219.05
44-27	350+43.10	32.76' RT	896.75	426005.28	867218.21
44-28	350+44.55	35.66' RT	897.27	426008.17	867216.76
44-29	350+46.60	34.15' RT	896.84	426006.67	867214.70





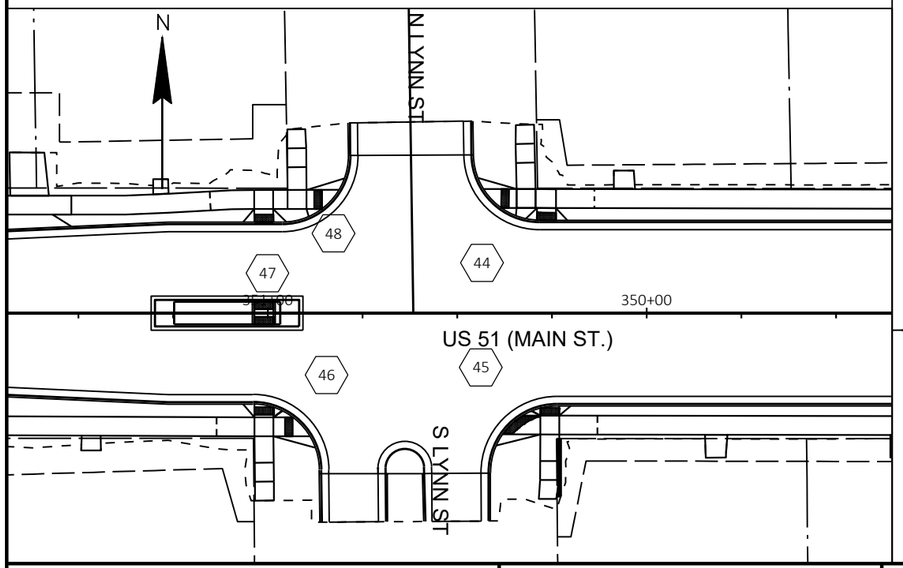
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 77	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - North Lynn Street

PLOT DATE : 9/30/2024 4:20 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########

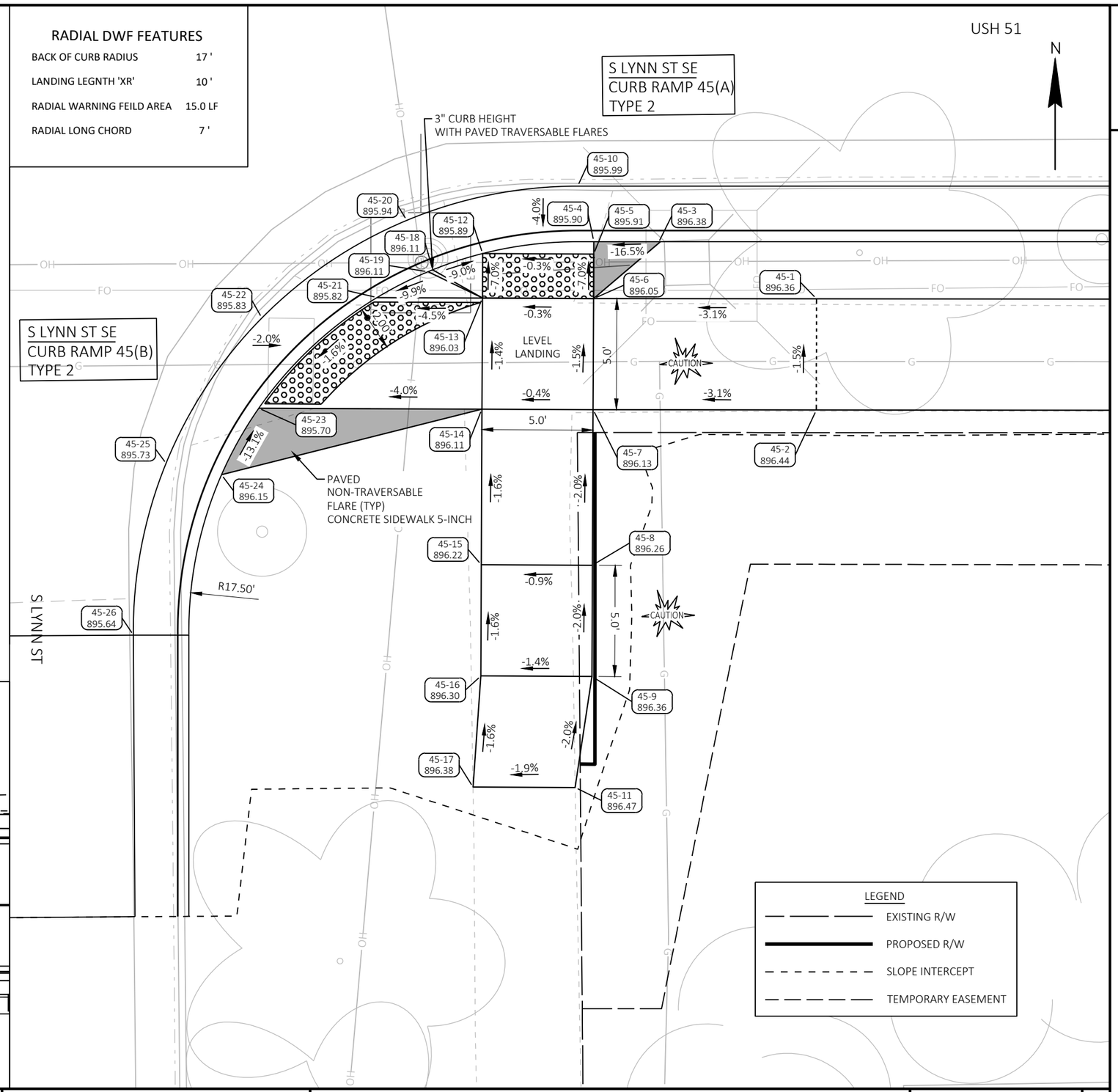
WISDOT/CADDS SHEET 42

S LYNN ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
45-1	350+13.02	27.07' LT	896.36	425945.46	867248.29
45-2	350+13.03	32.07' LT	896.44	425940.46	867248.28
45-3	350+20.14	24.56' LT	896.38	425947.96	867241.17
45-4	350+23.05	24.49' LT	895.90	425948.03	867238.26
45-5	350+23.05	25.05' LT	895.91	425947.47	867238.26
45-6	350+23.05	27.05' LT	896.05	425945.47	867238.26
45-7	350+23.08	32.05' LT	896.13	425940.47	867238.23
45-8	350+23.11	39.05' LT	896.26	425933.47	867238.20
45-9	350+23.13	44.05' LT	896.36	425928.47	867238.18
45-10	350+23.77	22.00' LT	895.99	425950.52	867237.54
45-11	350+23.89	49.05' LT	896.47	425923.47	867237.43
45-12	350+28.05	25.03' LT	895.89	425947.49	867233.26
45-13	350+28.06	27.03' LT	896.03	425945.49	867233.25
45-14	350+28.08	32.03' LT	896.11	425940.49	867233.23
45-15	350+28.11	39.03' LT	896.22	425933.49	867233.20
45-16	350+28.13	44.03' LT	896.30	425928.49	867233.18
45-17	350+28.48	49.03' LT	896.38	425923.49	867232.83
45-18	350+30.30	25.76' LT	896.11	425946.76	867231.01
45-19	350+30.51	25.85' LT	896.11	425946.67	867230.81
45-20	350+31.47	23.54' LT	895.94	425948.98	867229.84
45-21	350+32.80	27.01' LT	895.82	425945.51	867228.51
45-22	350+37.98	27.93' LT	895.83	425944.59	867223.33
45-23	350+38.12	31.99' LT	895.70	425940.53	867223.19
45-24	350+39.80	34.98' LT	896.15	425937.54	867221.51
45-25	350+42.28	34.49' LT	895.73	425938.03	867219.03
45-26	350+43.77	42.19' LT	895.64	425930.33	867217.54



RADIAL DWF FEATURES

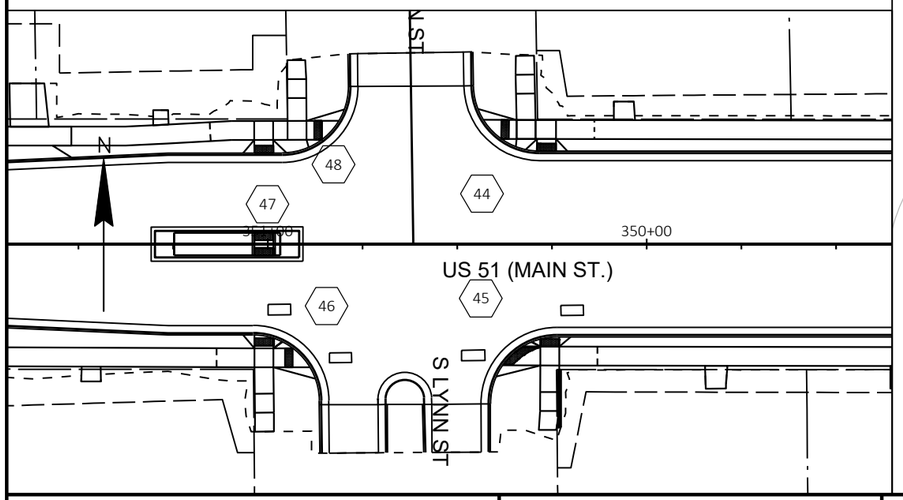
BACK OF CURB RADIUS	17 '
LANDING LEGNTH 'XR'	10 '
RADIAL WARNING FEILD AREA	15.0 LF
RADIAL LONG CHORD	7 '

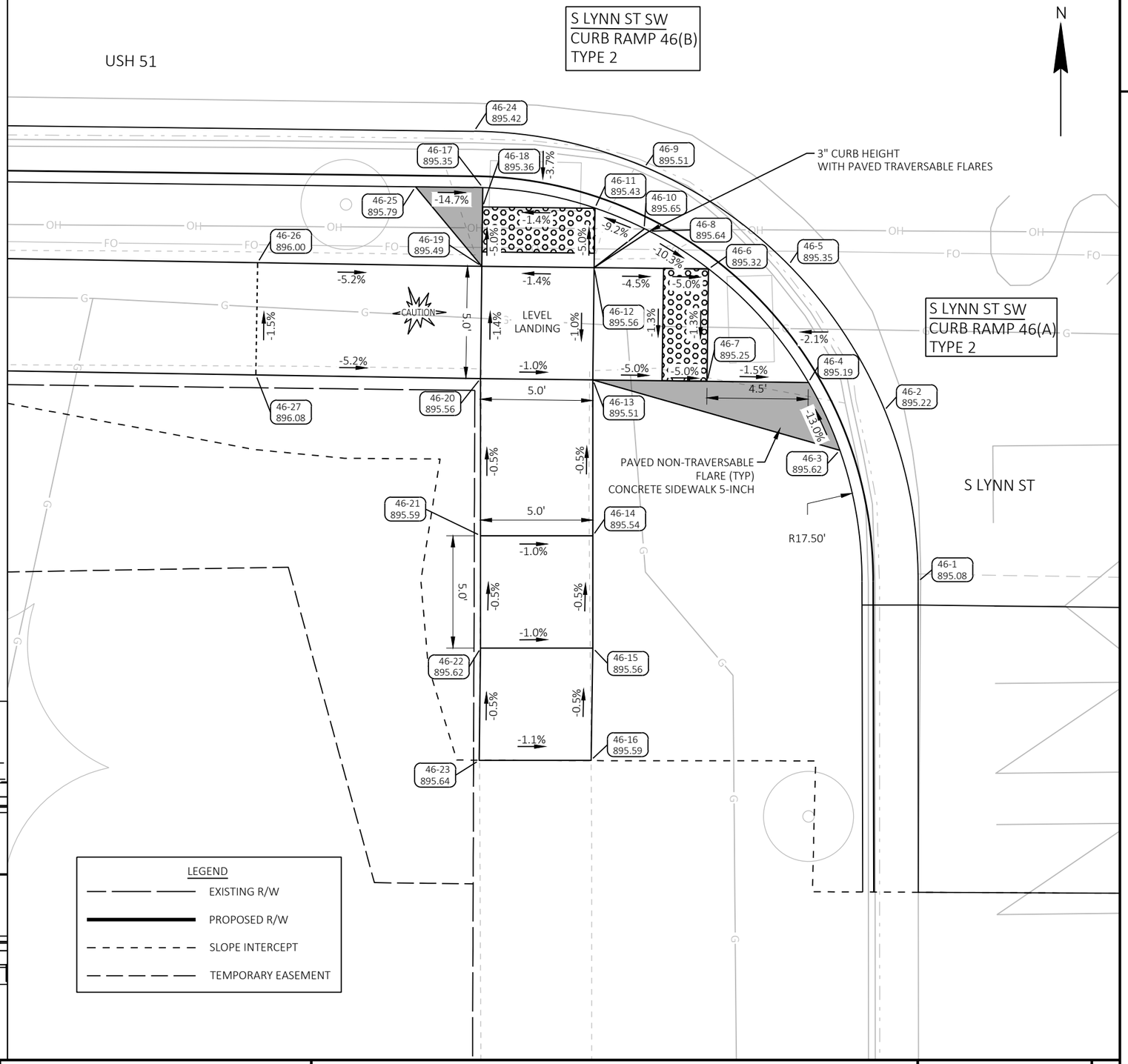


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 78	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021302-CR.DWG
LAYOUT NAME - South Lynn Street
PLOT DATE : 9/30/2024 4:20 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

S LYNN ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
46-1	350+83.96	41.30' LT	895.08	425931.21	867177.35
46-2	350+85.56	33.71' LT	895.22	425938.81	867175.75
46-3	350+87.52	35.50' LT	895.62	425937.02	867173.79
46-4	350+88.95	32.50' LT	895.19	425940.02	867172.36
46-5	350+89.88	27.29' LT	895.35	425945.23	867171.43
46-6	350+93.46	27.50' LT	895.32	425945.02	867167.85
46-7	350+93.46	32.50' LT	895.25	425940.02	867167.85
46-8	350+96.11	25.86' LT	895.64	425946.66	867165.20
46-9	350+96.36	23.02' LT	895.51	425949.50	867164.95
46-10	350+96.34	25.76' LT	895.65	425946.76	867164.97
46-11	350+98.54	24.86' LT	895.43	425947.66	867162.77
46-12	350+98.54	27.50' LT	895.56	425945.02	867162.77
46-13	350+98.54	32.50' LT	895.51	425940.02	867162.77
46-14	350+98.46	39.44' LT	895.54	425933.08	867162.85
46-15	350+98.40	44.44' LT	895.56	425928.08	867162.91
46-16	350+98.43	49.43' LT	895.59	425923.08	867162.89
46-17	351+03.54	24.00' LT	895.35	425948.51	867157.77
46-18	351+03.54	24.86' LT	895.36	425947.66	867157.77
46-19	351+03.55	27.50' LT	895.49	425945.02	867157.76
46-20	351+03.54	32.50' LT	895.56	425940.02	867157.77
46-21	351+03.46	39.50' LT	895.59	425933.02	867157.85
46-22	351+03.40	44.50' LT	895.62	425928.02	867157.91
46-23	351+03.40	49.50' LT	895.64	425923.02	867157.91
46-24	351+03.96	21.50' LT	895.42	425951.02	867157.35
46-25	351+06.54	24.00' LT	895.79	425948.52	867154.77
46-26	351+13.53	27.46' LT	896.00	425945.06	867147.78
46-27	351+13.55	32.46' LT	896.08	425940.06	867147.76

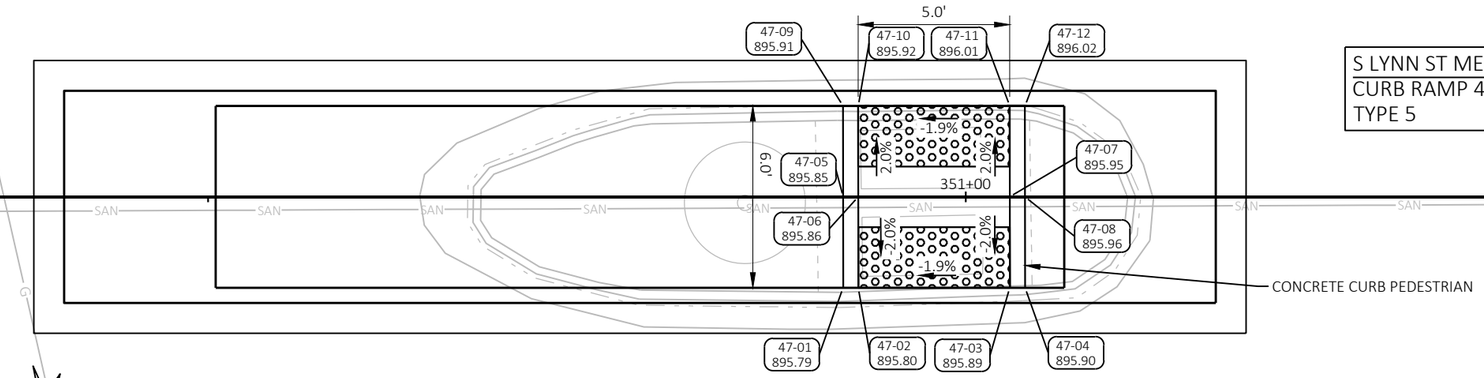




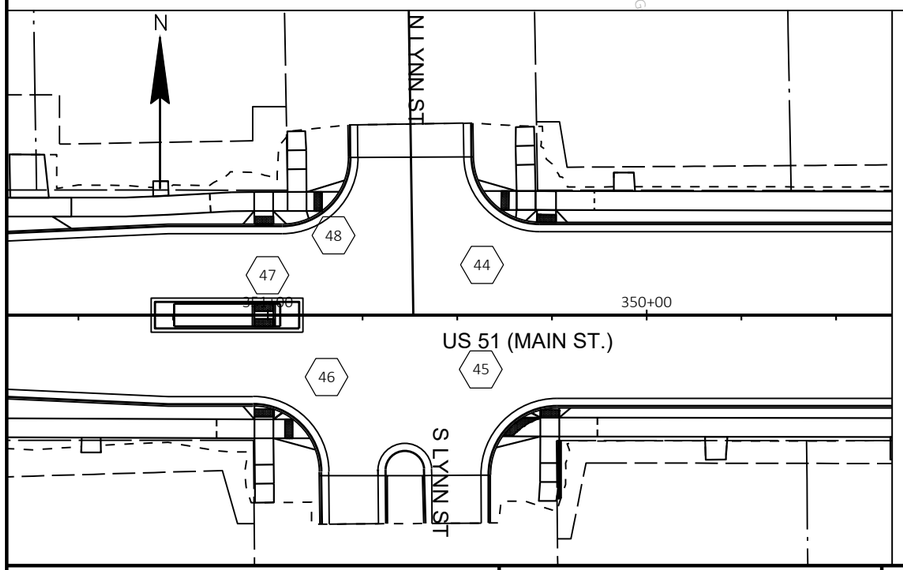
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 79	E

USH 51

N



S LYNN ST MEDIAN
CURB RAMP 47
TYPE 5

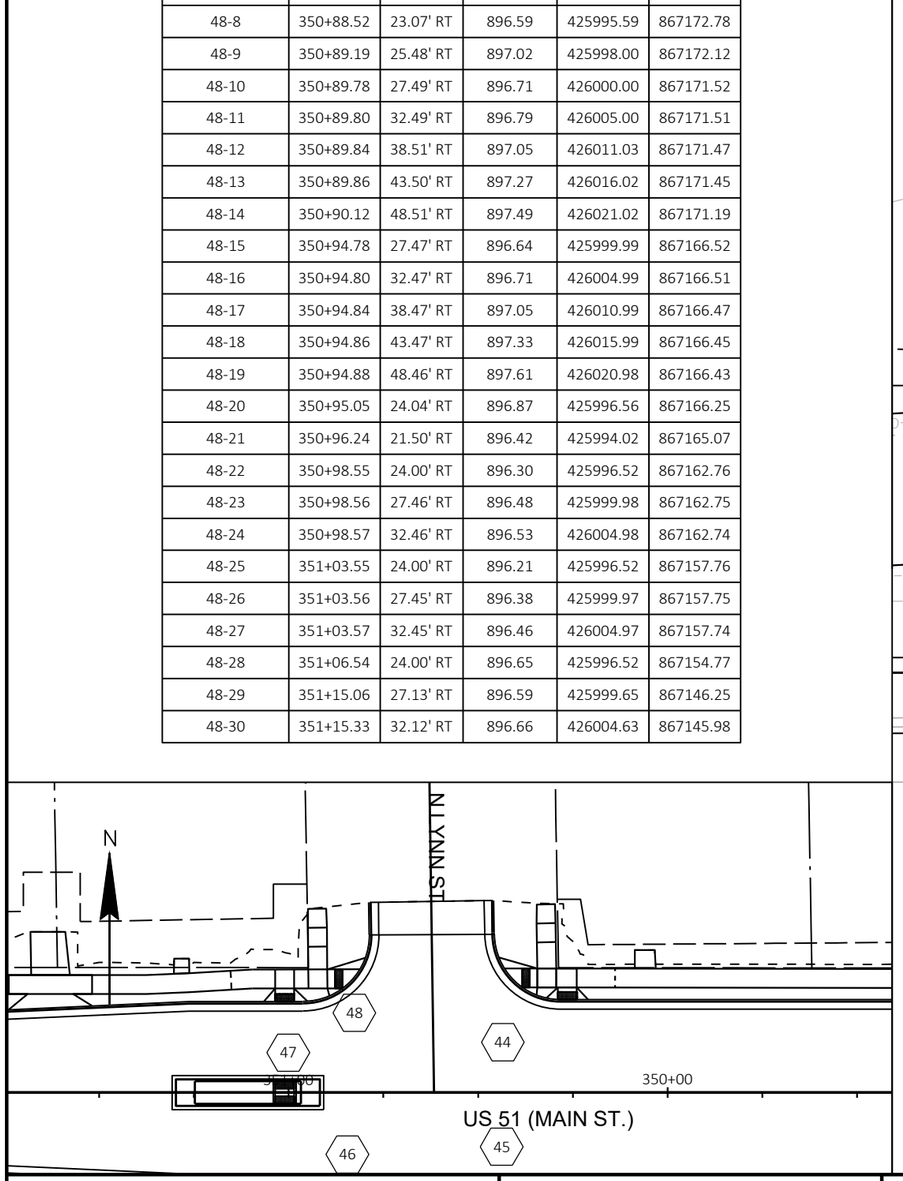


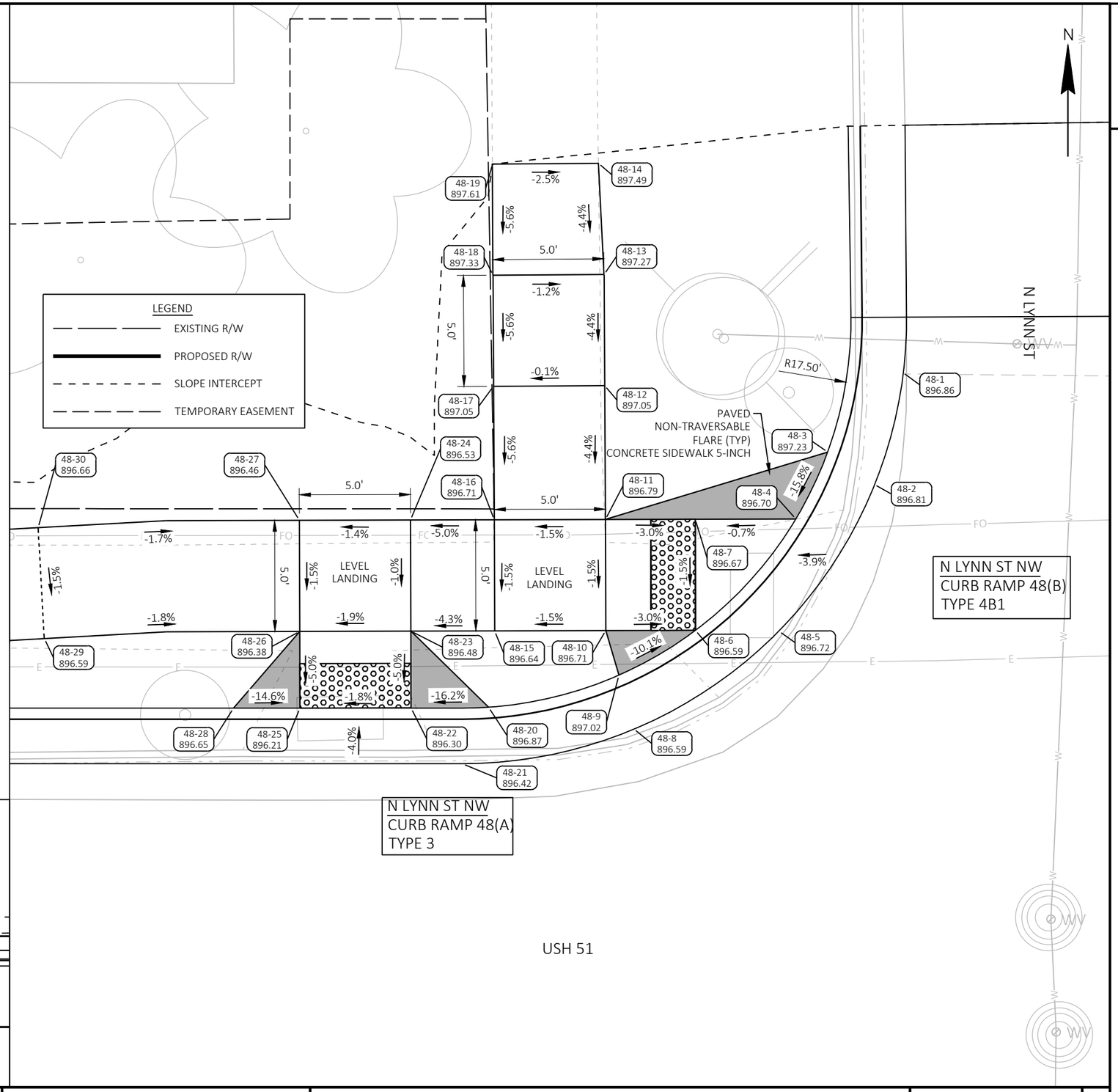
S LYNN ST MEDAIN					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
47-01	351+04.05	3.00' LT	895.79	425969.52	867157.26
47-02	351+03.55	3.00' LT	895.80	425969.52	867157.76
47-03	350+98.55	3.00' LT	895.89	425969.52	867162.76
47-04	350+98.05	3.00' LT	895.90	425969.52	867163.26
47-05	351+04.05	0.00' LT	895.85	425972.52	867157.26
47-06	351+03.55	0.00' LT	895.86	425972.52	867157.76
47-07	350+98.55	0.00' LT	895.95	425972.52	867162.76
47-08	350+98.05	0.00' RT	895.96	425972.52	867163.26
47-09	351+04.05	3.00' RT	895.91	425975.52	867157.26
47-10	351+03.55	3.00' RT	895.92	425975.52	867157.76
47-11	350+98.55	3.00' RT	896.01	425975.52	867162.76
47-12	350+98.05	3.00' RT	896.02	425975.52	867163.26

LEGEND
- EXISTING R/W
- PROPOSED R/W
- SLOPE INTERCEPT
- TEMPORARY EASEMENT

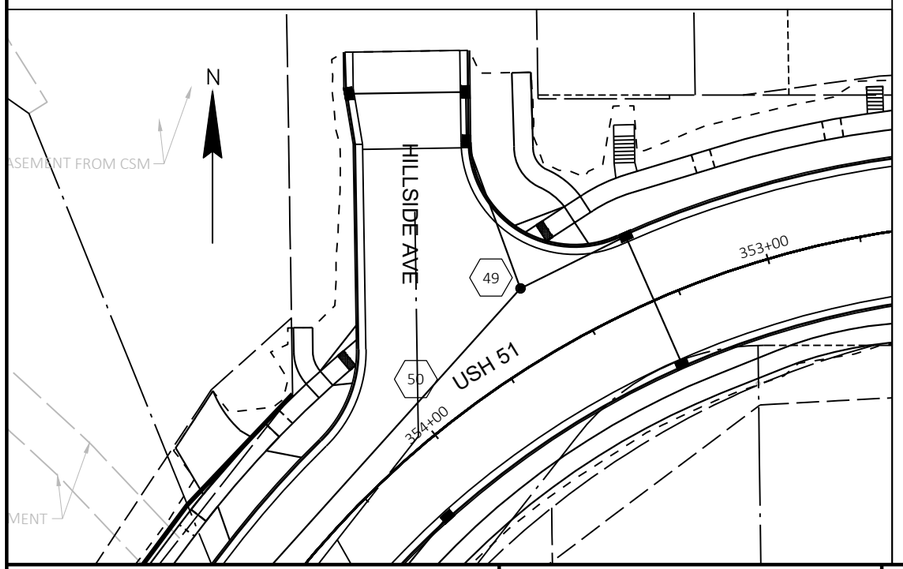
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 80	E

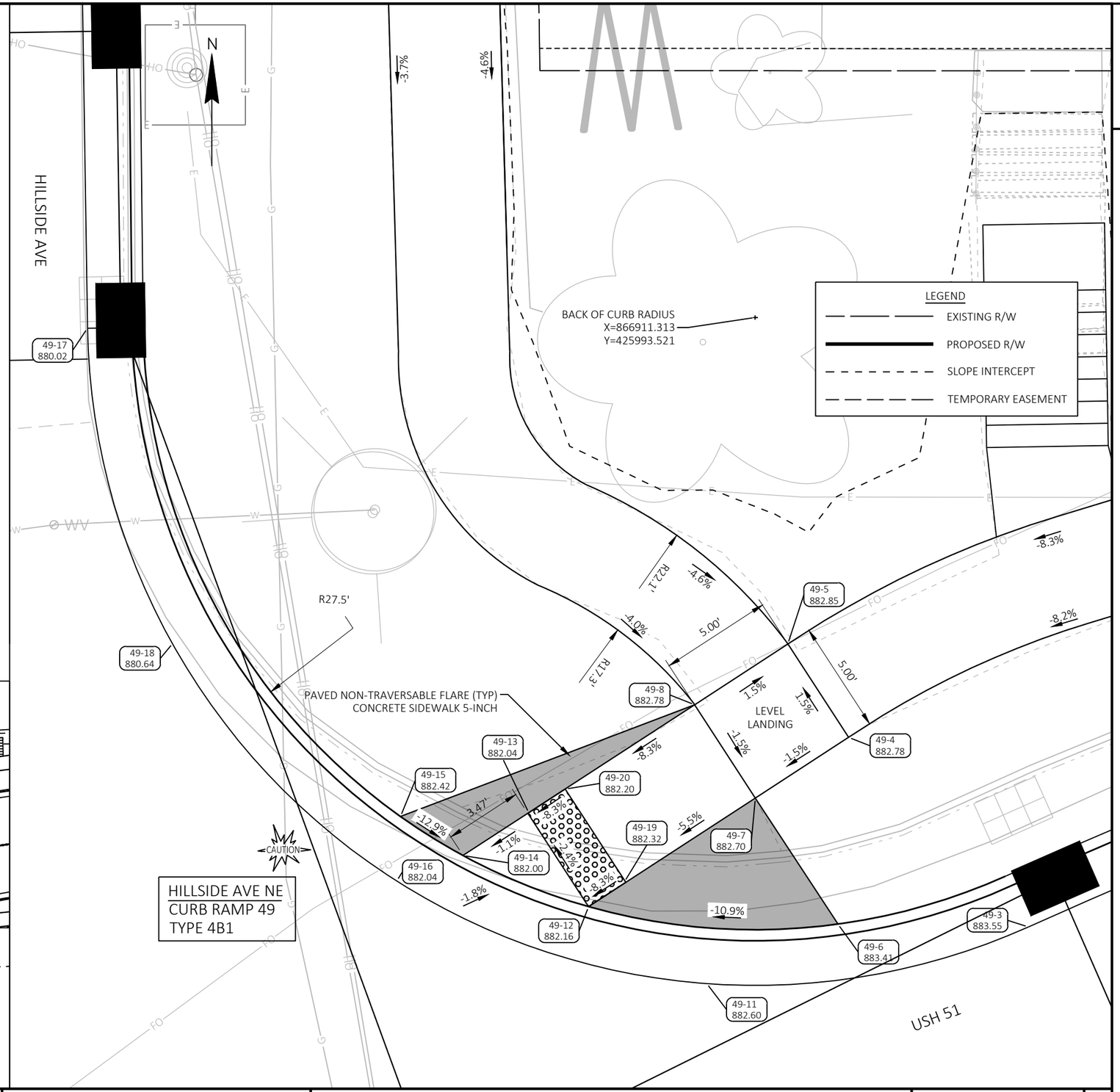
N LYNN ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	Y	X
48-1	350+76.42	39.11' RT	896.86	426011.62	867184.88
48-2	350+77.70	34.07' RT	896.81	426006.58	867183.60
48-3	350+79.80	35.51' RT	897.23	426008.03	867181.51
48-4	350+81.23	32.51' RT	896.70	426005.03	867180.08
48-5	350+81.99	27.46' RT	896.72	425999.98	867179.31
48-6	350+85.74	27.50' RT	896.59	426000.02	867175.56
48-7	350+85.76	32.50' RT	896.67	426005.02	867175.55
48-8	350+88.52	23.07' RT	896.59	425995.59	867172.78
48-9	350+89.19	25.48' RT	897.02	425998.00	867172.12
48-10	350+89.78	27.49' RT	896.71	426000.00	867171.52
48-11	350+89.80	32.49' RT	896.79	426005.00	867171.51
48-12	350+89.84	38.51' RT	897.05	426011.03	867171.47
48-13	350+89.86	43.50' RT	897.27	426016.02	867171.45
48-14	350+90.12	48.51' RT	897.49	426021.02	867171.19
48-15	350+94.78	27.47' RT	896.64	425999.99	867166.52
48-16	350+94.80	32.47' RT	896.71	426004.99	867166.51
48-17	350+94.84	38.47' RT	897.05	426010.99	867166.47
48-18	350+94.86	43.47' RT	897.33	426015.99	867166.45
48-19	350+94.88	48.46' RT	897.61	426020.98	867166.43
48-20	350+95.05	24.04' RT	896.87	425996.56	867166.25
48-21	350+96.24	21.50' RT	896.42	425994.02	867165.07
48-22	350+98.55	24.00' RT	896.30	425996.52	867162.76
48-23	350+98.56	27.46' RT	896.48	425999.98	867162.75
48-24	350+98.57	32.46' RT	896.53	426004.98	867162.74
48-25	351+03.55	24.00' RT	896.21	425996.52	867157.76
48-26	351+03.56	27.45' RT	896.38	425999.97	867157.75
48-27	351+03.57	32.45' RT	896.46	426004.97	867157.74
48-28	351+06.54	24.00' RT	896.65	425996.52	867154.77
48-29	351+15.06	27.13' RT	896.59	425999.65	867146.25
48-30	351+15.33	32.12' RT	896.66	426004.63	867145.98





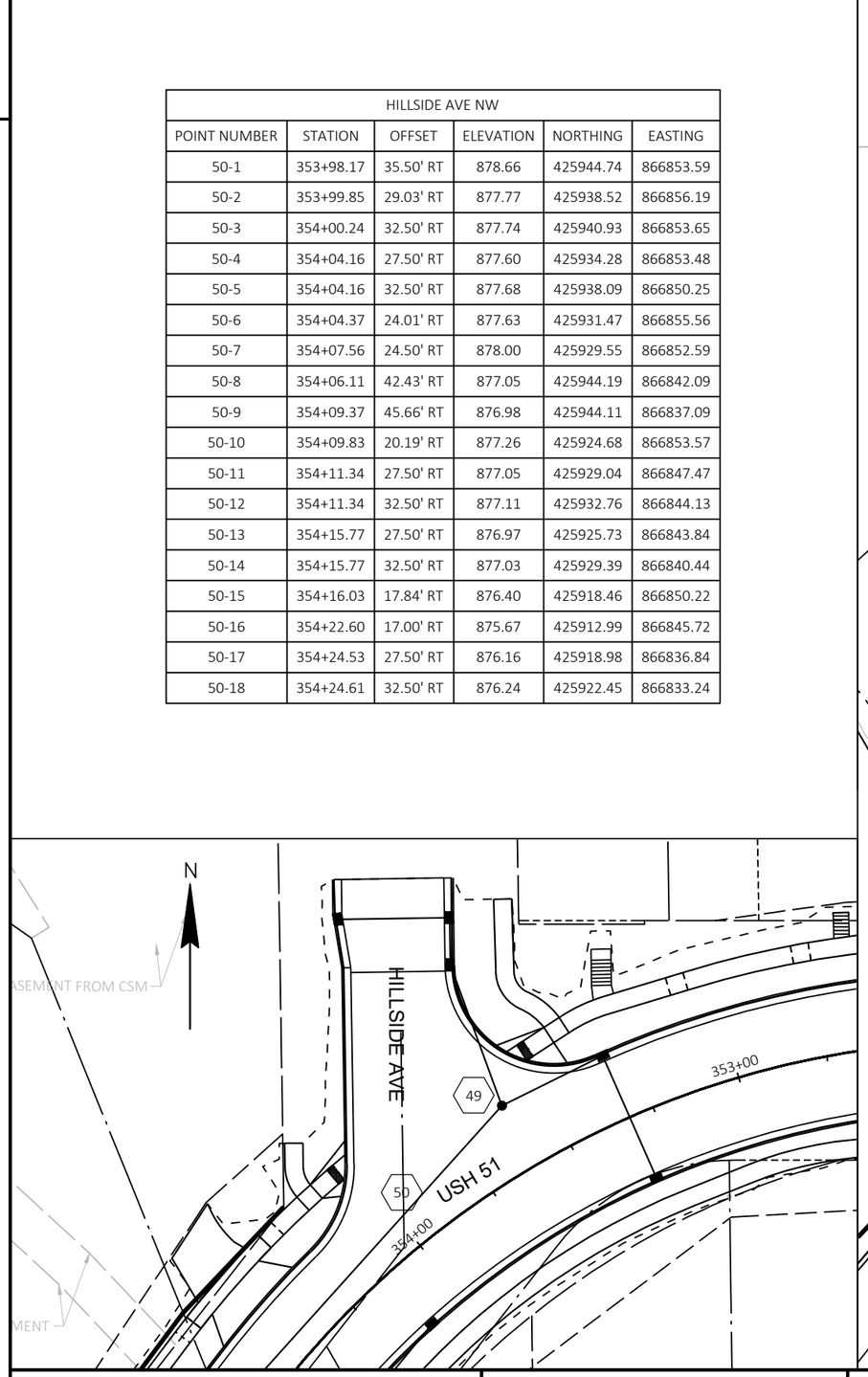
HILLSIDE AVE NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
49-1	353+10.45	27.27' RT	885.28	425985.02	866943.53
49-2	353+10.31	32.27' RT	885.47	425989.80	866942.08
49-3	353+33.86	17.00' RT	883.55	425966.15	866923.59
49-4	353+37.35	28.10' RT	882.78	425974.66	866915.51
49-5	353+37.97	33.05' RT	882.85	425978.85	866912.78
49-6	353+41.02	20.73' RT	883.41	425966.27	866915.03
49-7	353+41.81	27.44' RT	882.70	425971.94	866911.32
49-8	353+42.36	32.40' RT	882.78	425976.13	866908.59
49-9	353+36.36	68.22' RT	884.61	426011.56	866899.74
49-10	353+39.95	70.21' RT	884.27	426011.42	866894.74
49-11	353+46.99	20.97' RT	882.60	425963.61	866909.14
49-12	353+49.84	26.48' RT	882.16	425967.06	866903.83
49-13	353+50.24	31.46' RT	882.04	425971.25	866901.10
49-14	353+53.32	31.17' RT	882.00	425969.35	866898.19
49-15	353+54.75	34.06' RT	882.42	425971.11	866895.38
49-16	353+56.13	31.61' RT	882.04	425968.21	866895.21
49-17	353+56.12	60.06' RT	880.02	425993.04	866881.32
49-18	353+59.13	45.86' RT	880.64	425978.88	866885.15
49-19	353+48.04	26.67' RT	882.32	425968.15	866905.50
49-20	353+48.47	31.65' RT	882.20	425972.34	866902.78

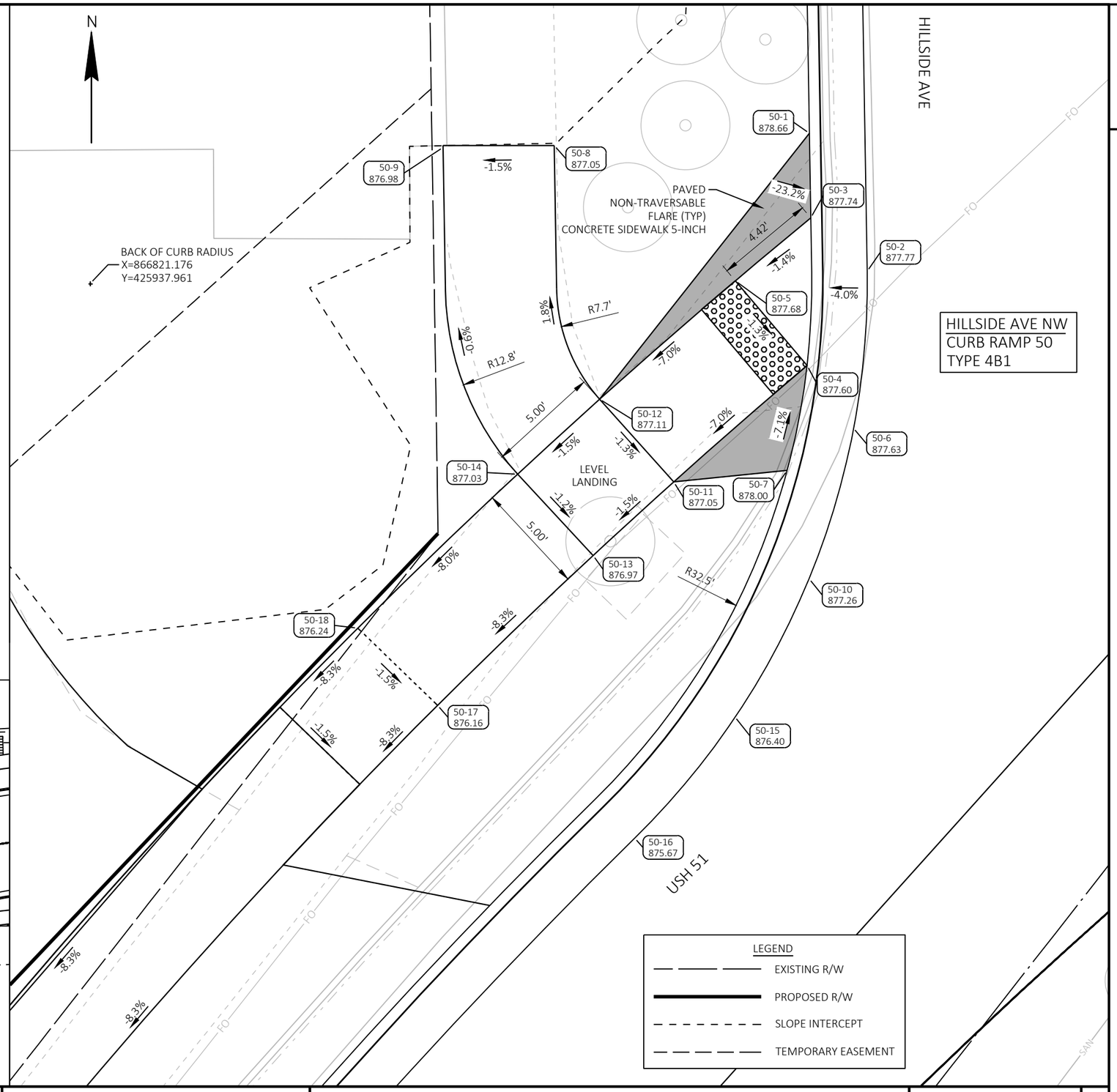




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 82	E

HILLSIDE AVE NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
50-1	353+98.17	35.50' RT	878.66	425944.74	866853.59
50-2	353+99.85	29.03' RT	877.77	425938.52	866856.19
50-3	354+00.24	32.50' RT	877.74	425940.93	866853.65
50-4	354+04.16	27.50' RT	877.60	425934.28	866853.48
50-5	354+04.16	32.50' RT	877.68	425938.09	866850.25
50-6	354+04.37	24.01' RT	877.63	425931.47	866855.56
50-7	354+07.56	24.50' RT	878.00	425929.55	866852.59
50-8	354+06.11	42.43' RT	877.05	425944.19	866842.09
50-9	354+09.37	45.66' RT	876.98	425944.11	866837.09
50-10	354+09.83	20.19' RT	877.26	425924.68	866853.57
50-11	354+11.34	27.50' RT	877.05	425929.04	866847.47
50-12	354+11.34	32.50' RT	877.11	425932.76	866844.13
50-13	354+15.77	27.50' RT	876.97	425925.73	866843.84
50-14	354+15.77	32.50' RT	877.03	425929.39	866840.44
50-15	354+16.03	17.84' RT	876.40	425918.46	866850.22
50-16	354+22.60	17.00' RT	875.67	425912.99	866845.72
50-17	354+24.53	27.50' RT	876.16	425918.98	866836.84
50-18	354+24.61	32.50' RT	876.24	425922.45	866833.24





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 83	E

2

MENT FOR ANY UTILITY
DOC 2129185

N

RAILROAD NE
CURB RAMP 54
TYPE 4B1

15' MIN.

222

FO

54

53

52

51

357+00

358+00

PC 3+36.31 73

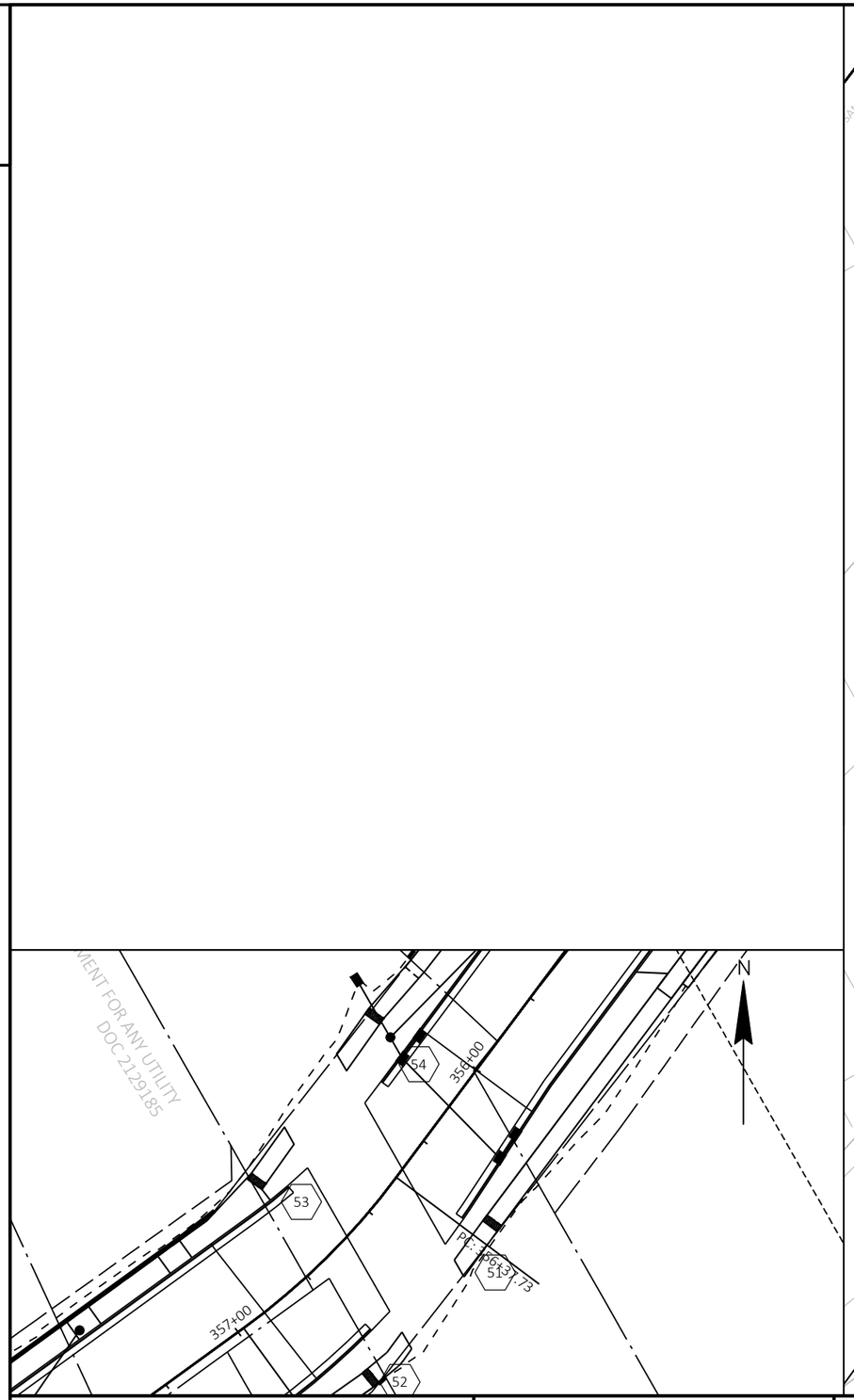
N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 84	E

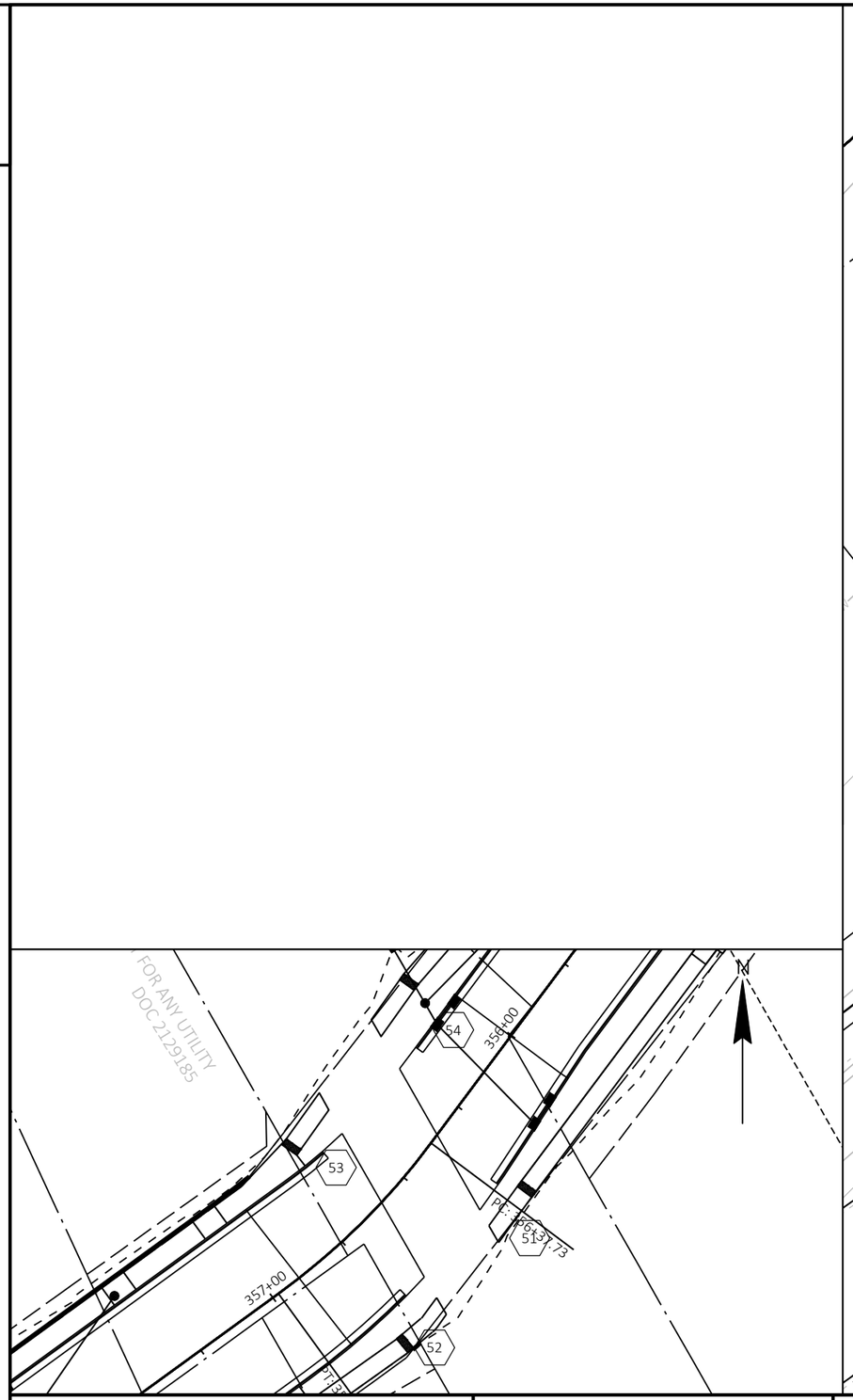
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021303-CR.DWG
LAYOUT NAME - RR -NE

PLOT DATE : 9/30/2024 4:21 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : ##########

2



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 85	E



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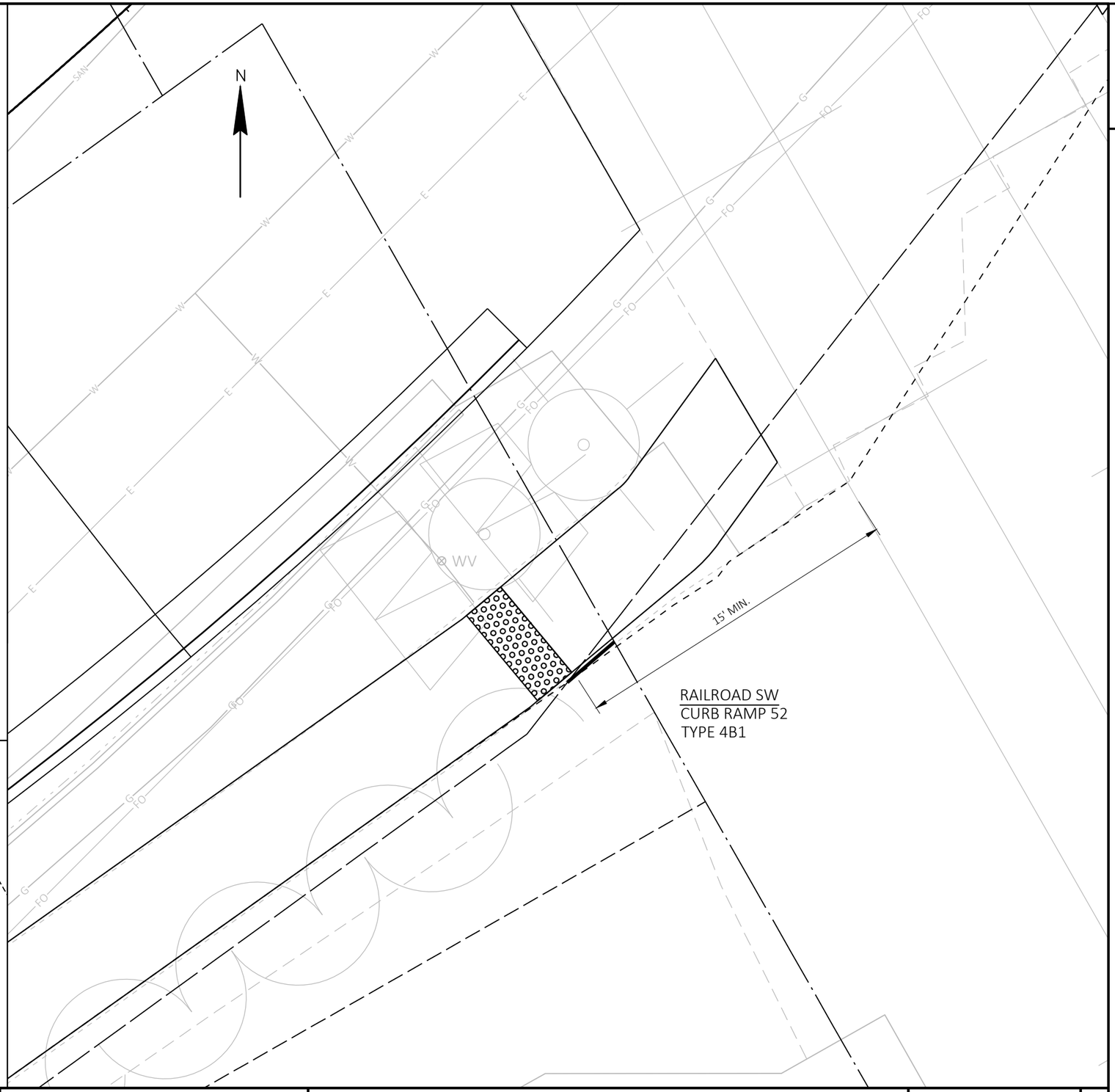


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 86	E

2

2

N

RAILROAD NW
CURB RAMP 53
TYPE 4B1

151' MIN

FO

N

MENT FOR ANY UTILITY
DOC 2129185

54

354+00

53

PC 356+31.73

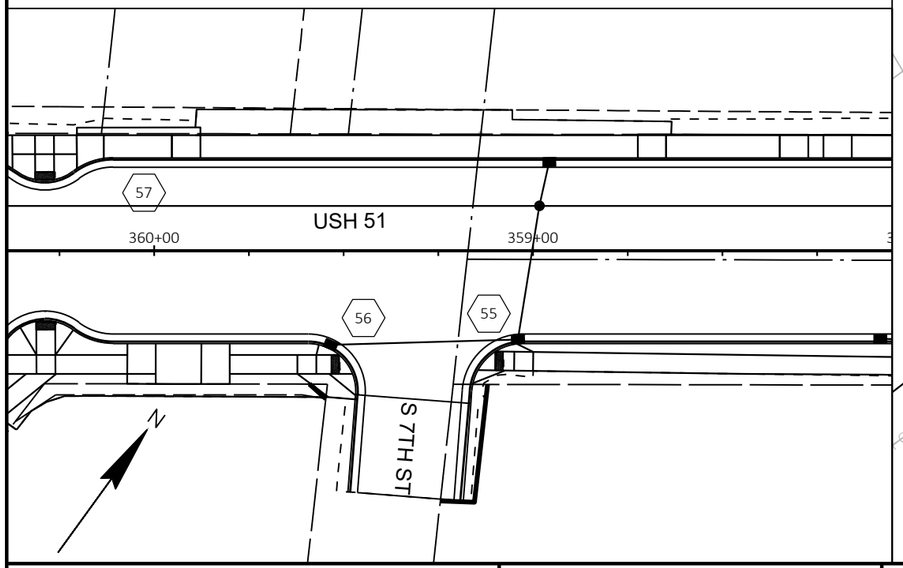
51

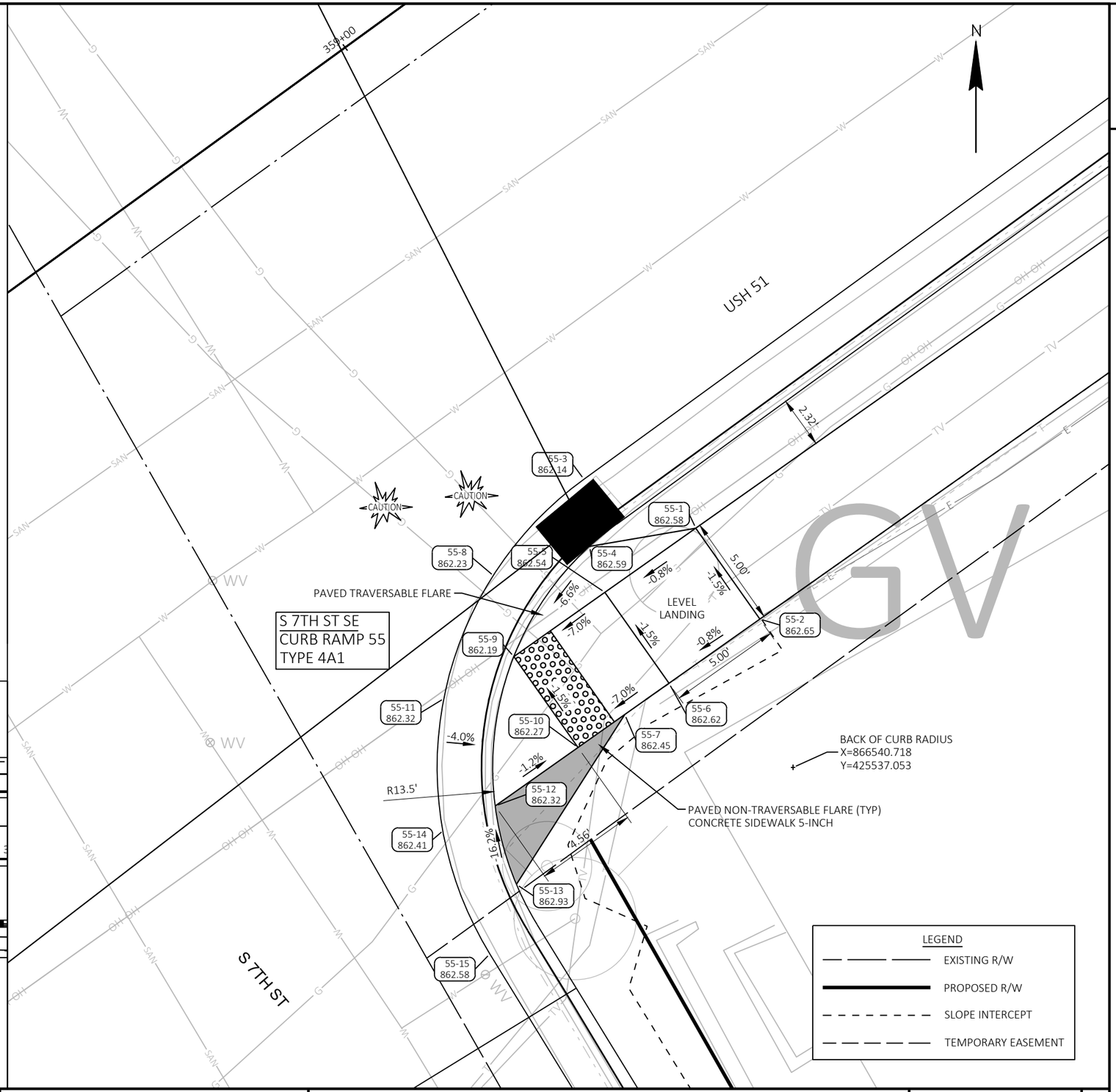
357+00

52

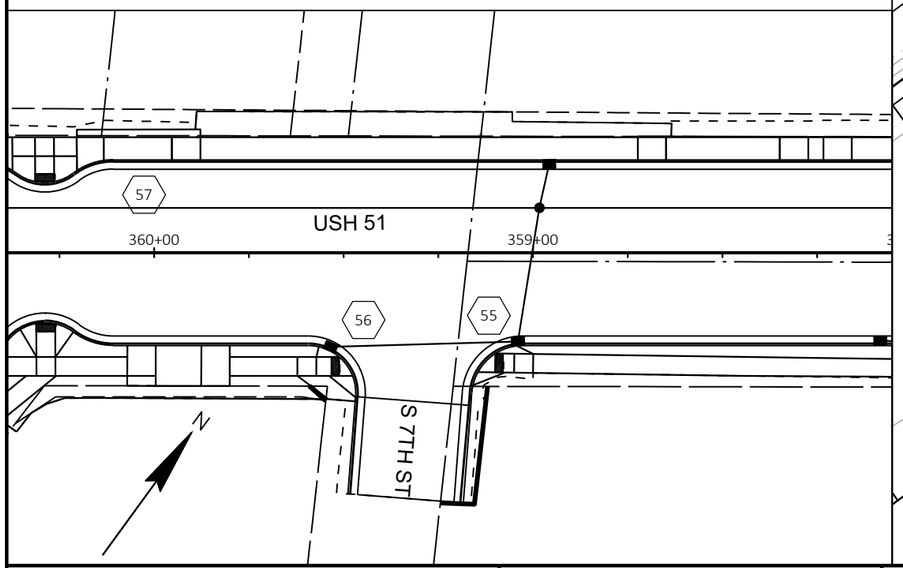
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 87	E

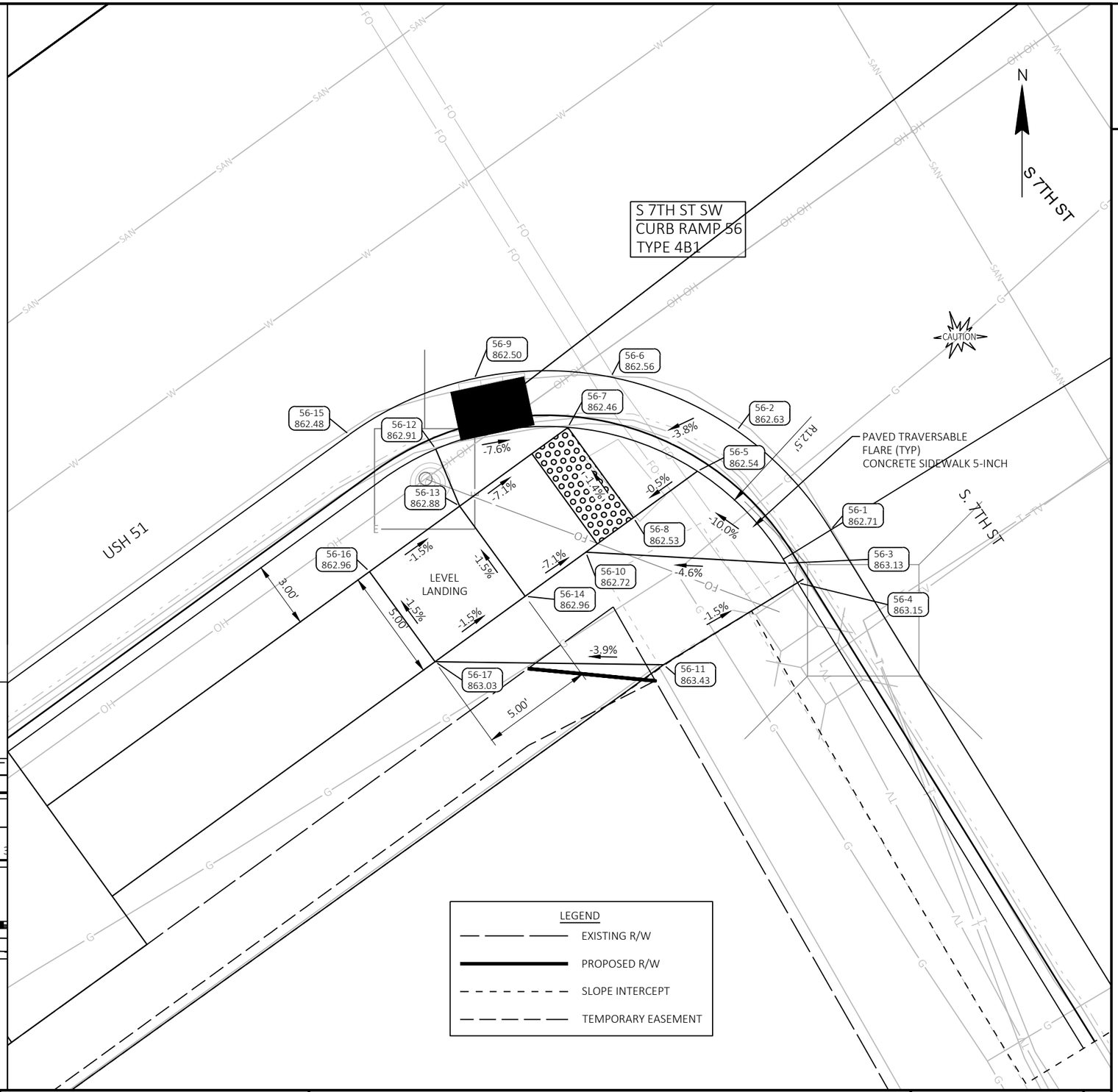
S 7TH ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
55-1	358+99.95	26.73' LT	862.58	425547.80	866536.34
55-2	359+00.01	31.73' LT	862.65	425543.71	866539.22
55-3	359+02.72	22.00' LT	862.14	425550.00	866531.31
55-4	359+04.29	24.59' LT	862.59	425546.98	866531.57
55-5	359+04.95	26.67' LT	862.54	425544.92	866532.26
55-6	359+05.01	31.66' LT	862.62	425540.83	866535.14
55-7	359+07.45	31.63' LT	862.45	425539.43	866533.15
55-8	359+08.55	23.15' LT	862.23	425545.65	866527.27
55-9	359+09.95	26.60' LT	862.19	425542.03	866528.17
55-10	359+10.01	31.60' LT	862.27	425537.95	866531.05
55-11	359+13.58	26.28' LT	862.32	425540.15	866525.04
55-12	359+14.57	31.53' LT	862.32	425535.32	866527.33
55-13	359+15.87	34.95' LT	862.93	425531.80	866528.28
55-14	359+17.09	31.05' LT	862.41	425534.23	866525.01
55-15	359+18.67	36.77' LT	862.58	425528.67	866527.09





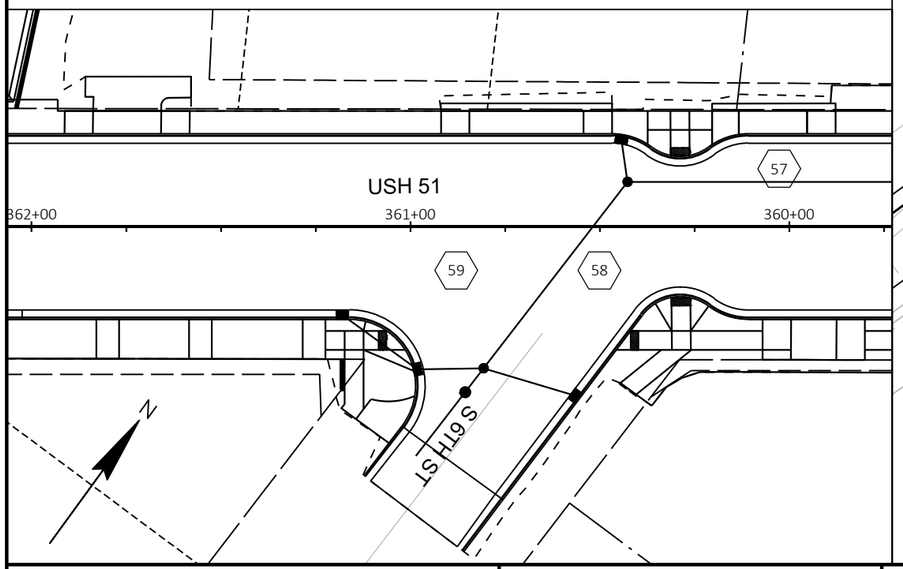
S 7TH ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
56-1	359+44.35	38.15' LT	862.71	425512.46	866507.12
56-2	359+45.16	32.07' LT	862.63	425516.91	866502.90
56-3	359+46.86	38.17' LT	863.13	425510.97	866505.10
56-4	359+46.94	39.19' LT	863.15	425510.10	866505.64
56-5	359+47.65	32.50' LT	862.54	425515.10	866501.14
56-6	359+48.30	26.81' LT	862.56	425519.32	866497.26
56-7	359+51.19	27.50' LT	862.46	425517.06	866495.33
56-8	359+51.19	32.50' LT	862.53	425513.02	866498.27
56-9	359+53.32	23.28' LT	862.50	425519.22	866491.13
56-10	359+53.82	32.50' LT	862.72	425511.47	866496.14
56-11	359+53.96	38.63' LT	863.43	425506.42	866499.63
56-12	359+56.55	24.81' LT	862.91	425516.09	866489.41
56-13	359+57.19	27.50' LT	862.88	425513.54	866490.48
56-14	359+57.19	32.50' LT	862.96	425509.49	866493.42
56-15	359+59.31	22.00' LT	862.48	425516.74	866485.53
56-16	359+62.19	27.50' LT	862.96	425510.60	866486.43
56-17	359+62.19	32.50' LT	863.03	425506.55	866489.37

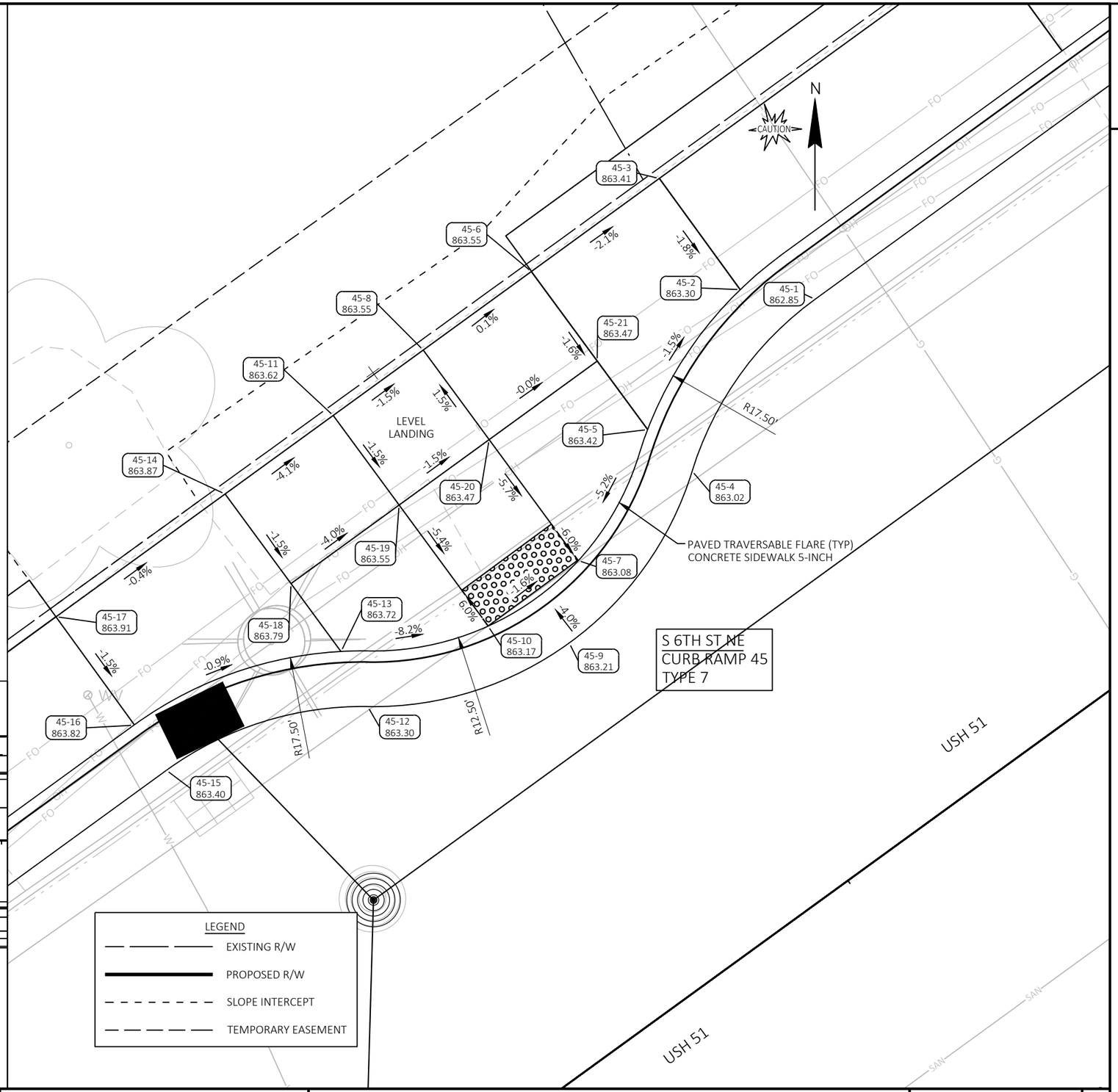




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 89	E

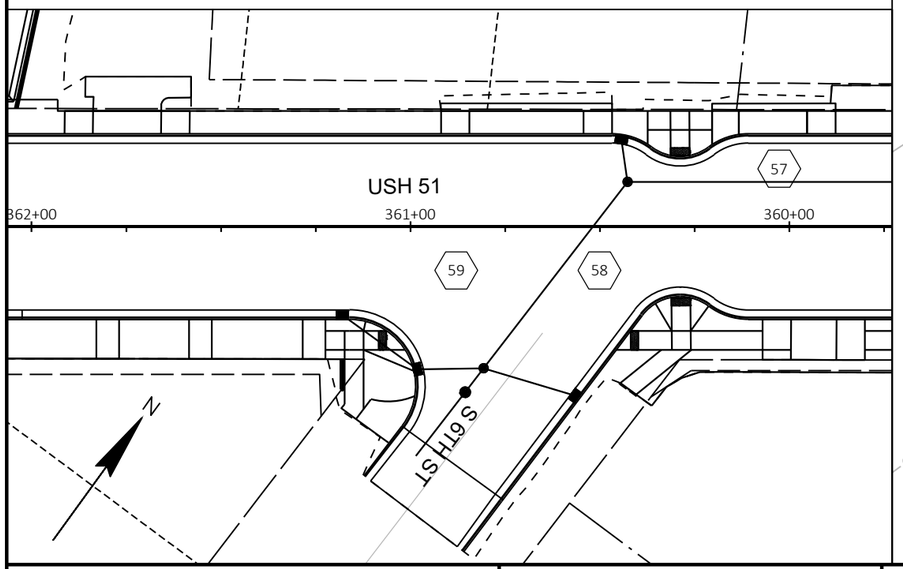
S 6TH ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
45-1	360+10.85	22.00' RT	862.85	425522.05	866417.97
45-2	360+13.32	24.33' RT	863.30	425522.48	866414.61
45-3	360+13.32	30.50' RT	863.41	425527.48	866410.98
45-4	360+19.85	19.00' RT	863.02	425514.33	866412.45
45-5	360+20.37	21.68' RT	863.42	425516.20	866410.45
45-6	360+20.43	30.50' RT	863.55	425523.30	866405.23
45-7	360+26.35	18.75' RT	863.08	425510.31	866407.34
45-8	360+26.43	30.50' RT	863.55	425519.77	866400.37
45-9	360+28.85	16.00' RT	863.21	425506.61	866406.93
45-10	360+31.35	18.75' RT	863.17	425507.37	866403.29
45-11	360+31.43	30.50' RT	863.62	425516.83	866396.33
45-12	360+37.85	19.00' RT	863.30	425503.75	866397.89
45-13	360+37.37	21.71' RT	863.72	425506.23	866396.68
45-14	360+37.43	30.50' RT	863.87	425513.31	866391.47
45-15	360+46.85	22.00' RT	863.40	425500.89	866388.84
45-16	360+46.85	24.50' RT	863.82	425502.91	866387.37
45-17	360+46.82	30.50' RT	863.91	425507.79	866383.87
45-18	360+37.40	25.50' RT	863.79	425509.28	866394.44
45-19	360+31.40	25.50' RT	863.55	425512.81	866399.29
45-20	360+26.40	25.50' RT	863.47	425515.74	866403.34
45-21	360+20.40	25.50' RT	863.47	425519.27	866408.19

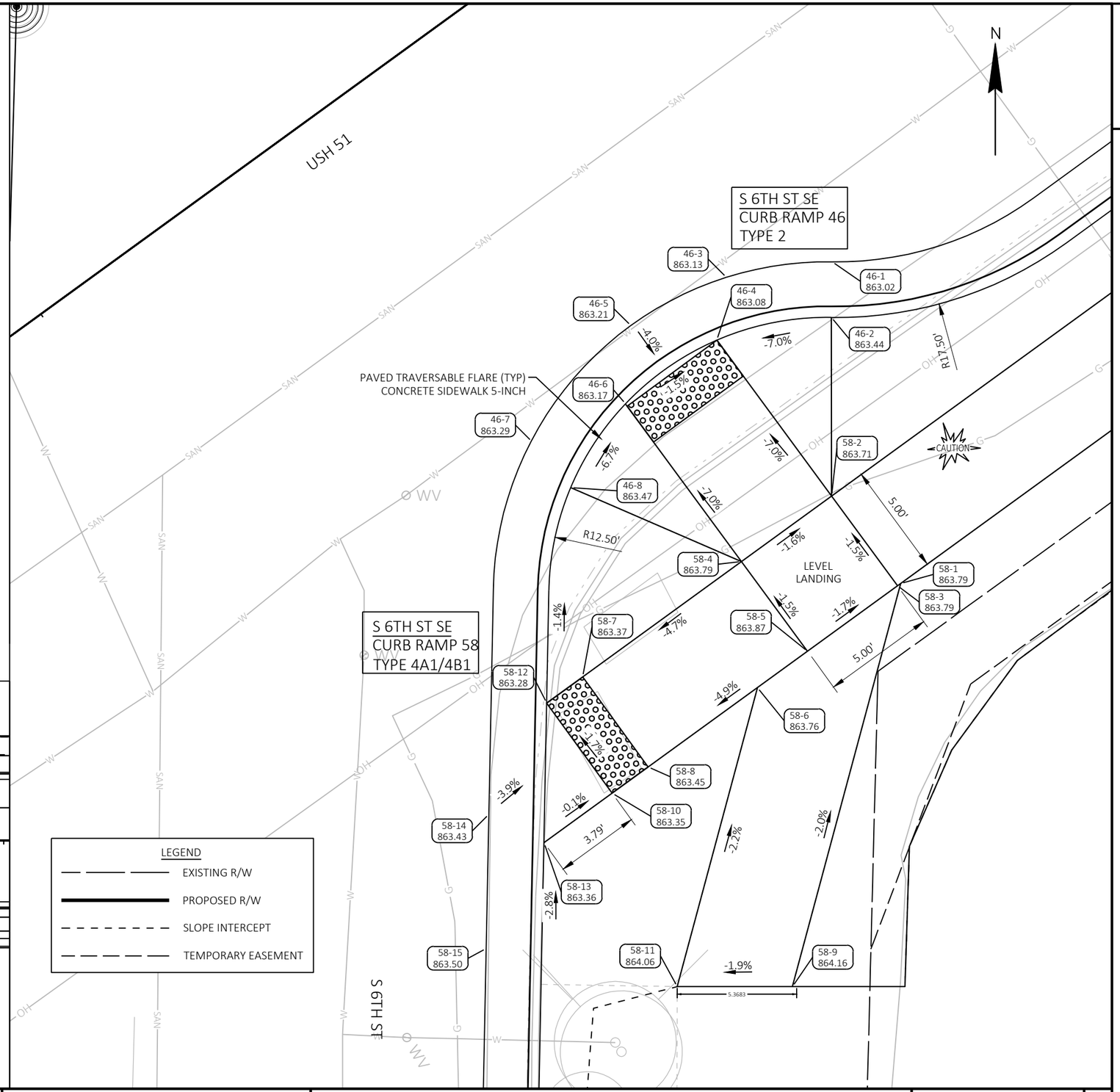




S 6TH ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
46-1	360+19.85	19.00' LT	863.02	425483.59	866434.78
46-2	360+21.35	21.00' LT	863.44	425481.09	866434.75
46-3	360+24.11	16.77' LT	863.13	425482.89	866430.03
46-4	360+26.12	18.80' LT	863.08	425480.06	866429.60
46-5	360+28.85	16.00' LT	863.21	425480.72	866425.74
46-6	360+31.12	18.71' LT	863.17	425477.20	866425.50
46-7	360+35.51	17.60' LT	863.29	425475.51	866421.29
46-8	360+35.32	20.30' LT	863.47	425473.44	866423.04

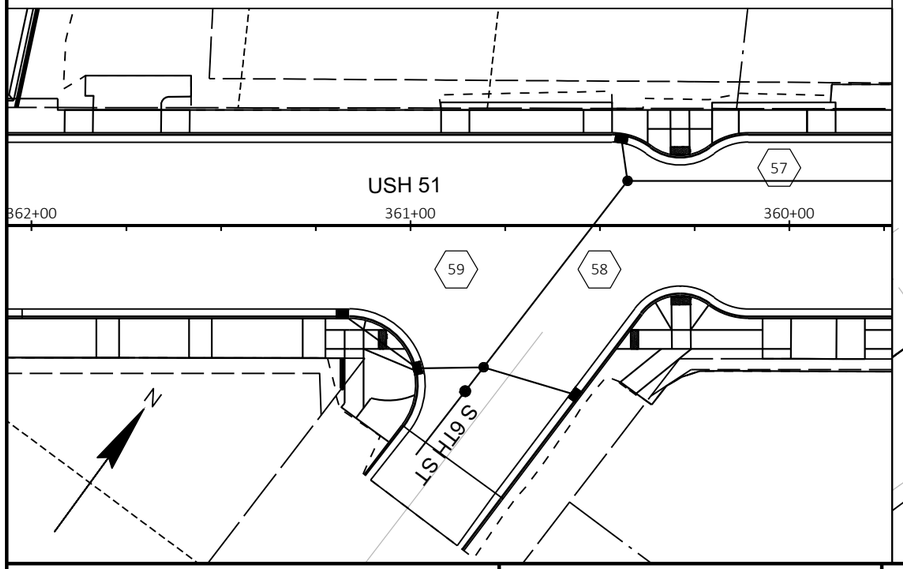
S 6TH ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
58-1	360+25.86	32.50' LT	863.79	425469.13	866437.86
58-2	360+26.06	27.50' LT	863.71	425473.06	866434.75
58-3	360+26.03	32.50' LT	863.79	425469.03	866437.72
58-4	360+31.06	27.50' LT	863.79	425470.12	866430.71
58-5	360+31.03	32.50' LT	863.87	425466.09	866433.67
58-6	360+33.81	32.50' LT	863.76	425464.46	866431.43
58-7	360+39.88	27.50' LT	863.37	425464.94	866423.57
58-8	360+39.88	32.50' LT	863.45	425460.89	866426.51
58-9	360+40.43	44.29' LT	864.16	425451.03	866433.00
58-10	360+41.88	32.50' LT	863.35	425459.72	866424.89
58-11	360+44.62	41.25' LT	864.06	425451.03	866427.82
58-12	360+41.88	27.50' LT	863.28	425463.76	866421.96
58-13	360+45.67	32.50' LT	863.36	425457.49	866421.83
58-14	360+46.92	30.02' LT	863.43	425458.76	866419.36
58-15	360+50.56	34.82' LT	863.50	425452.74	866419.24

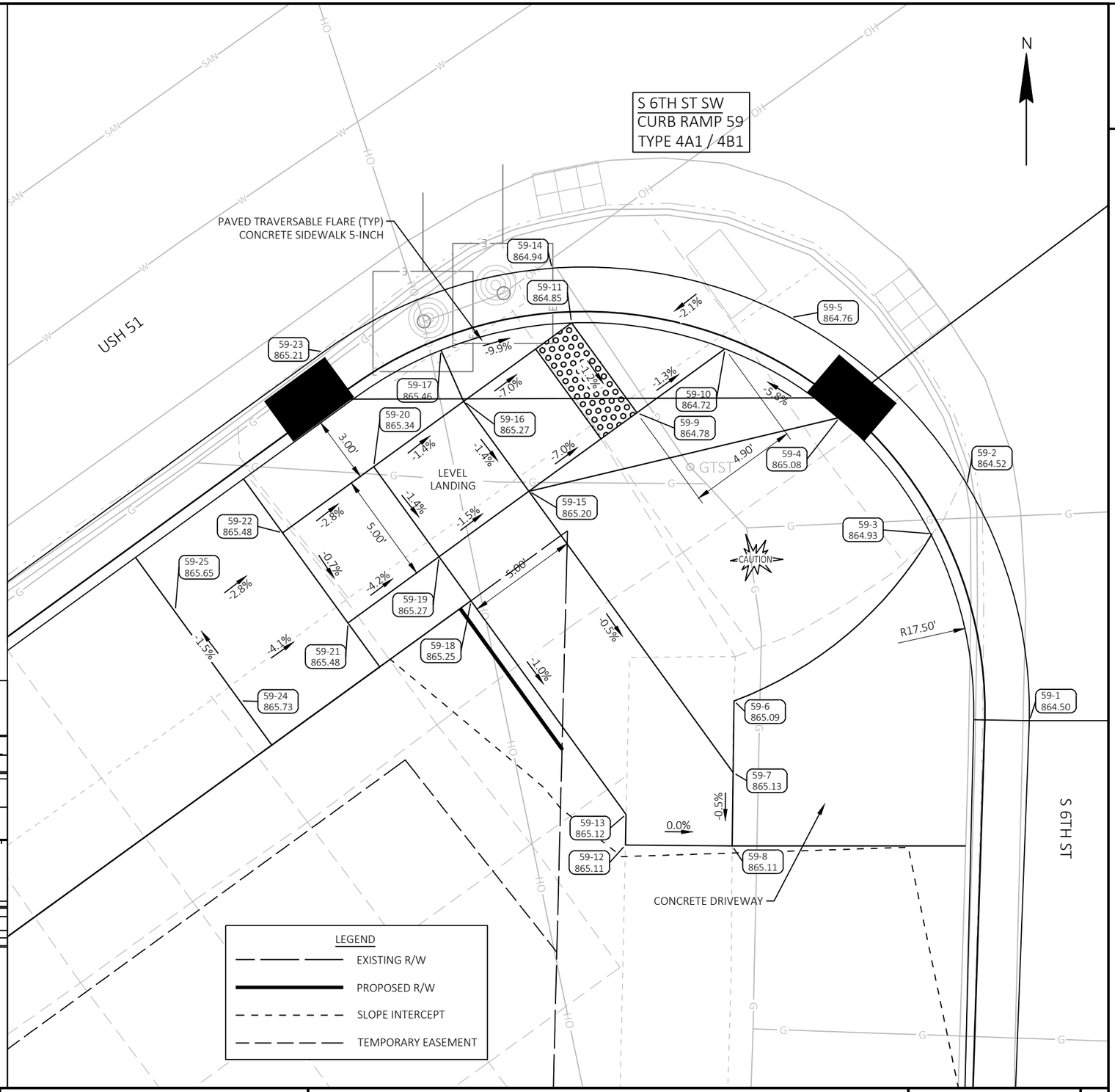




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 91	E

S 6TH ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
59-1	361+00.25	54.07' LT	864.50	425407.96	866390.35
59-2	360+96.31	43.87' LT	864.52	425418.53	866387.53
59-3	360+98.85	44.70' LT	864.93	425416.36	866385.97
59-4	360+99.15	38.03' LT	865.08	425421.59	866381.80
59-5	360+98.29	33.10' LT	864.76	425426.08	866379.61
59-6	361+10.47	45.55' LT	865.09	425408.85	866377.07
59-7	361+12.40	48.13' LT	865.13	425405.63	866377.02
59-8	361+14.37	50.76' LT	865.11	425402.34	866376.98
59-9	361+06.40	32.50' LT	864.78	425421.80	866372.69
59-10	361+01.50	32.50' LT	864.72	425424.68	866376.66
59-11	361+06.40	27.50' LT	864.85	425425.84	866369.76
59-12	361+18.23	47.92' LT	865.11	425402.37	866372.18
59-13	361+17.40	46.82' LT	865.12	425403.75	866372.21
59-14	361+05.67	25.02' LT	864.94	425428.27	866368.89
59-15	361+12.40	32.50' LT	865.20	425418.27	866367.84
59-16	361+12.40	27.50' LT	865.27	425422.32	866364.90
59-17	361+11.88	25.04' LT	865.46	425424.61	866363.88
59-18	361+17.40	34.95' LT	865.25	425413.35	866365.24
59-19	361+17.40	32.50' LT	865.27	425415.33	866363.80
59-20	361+17.40	27.50' LT	865.34	425419.38	866360.86
59-21	361+22.47	32.50' LT	865.48	425412.36	866359.70
59-22	361+22.47	27.50' LT	865.48	425416.40	866356.76
59-23	361+16.20	22.00' LT	865.21	425424.54	866358.60
59-24	361+28.45	32.48' LT	865.73	425408.85	866354.84
59-25	361+28.44	27.50' LT	865.65	425412.89	866351.93





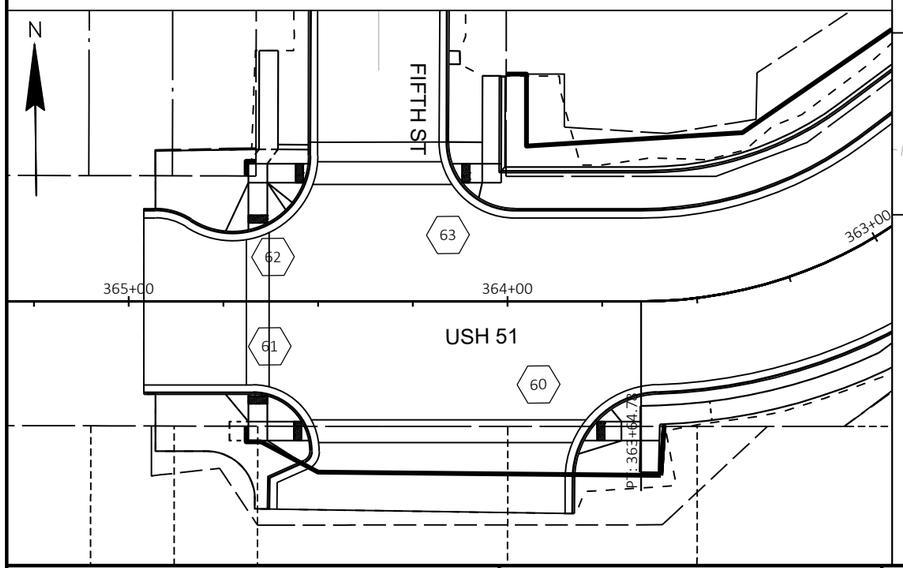
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 92	E

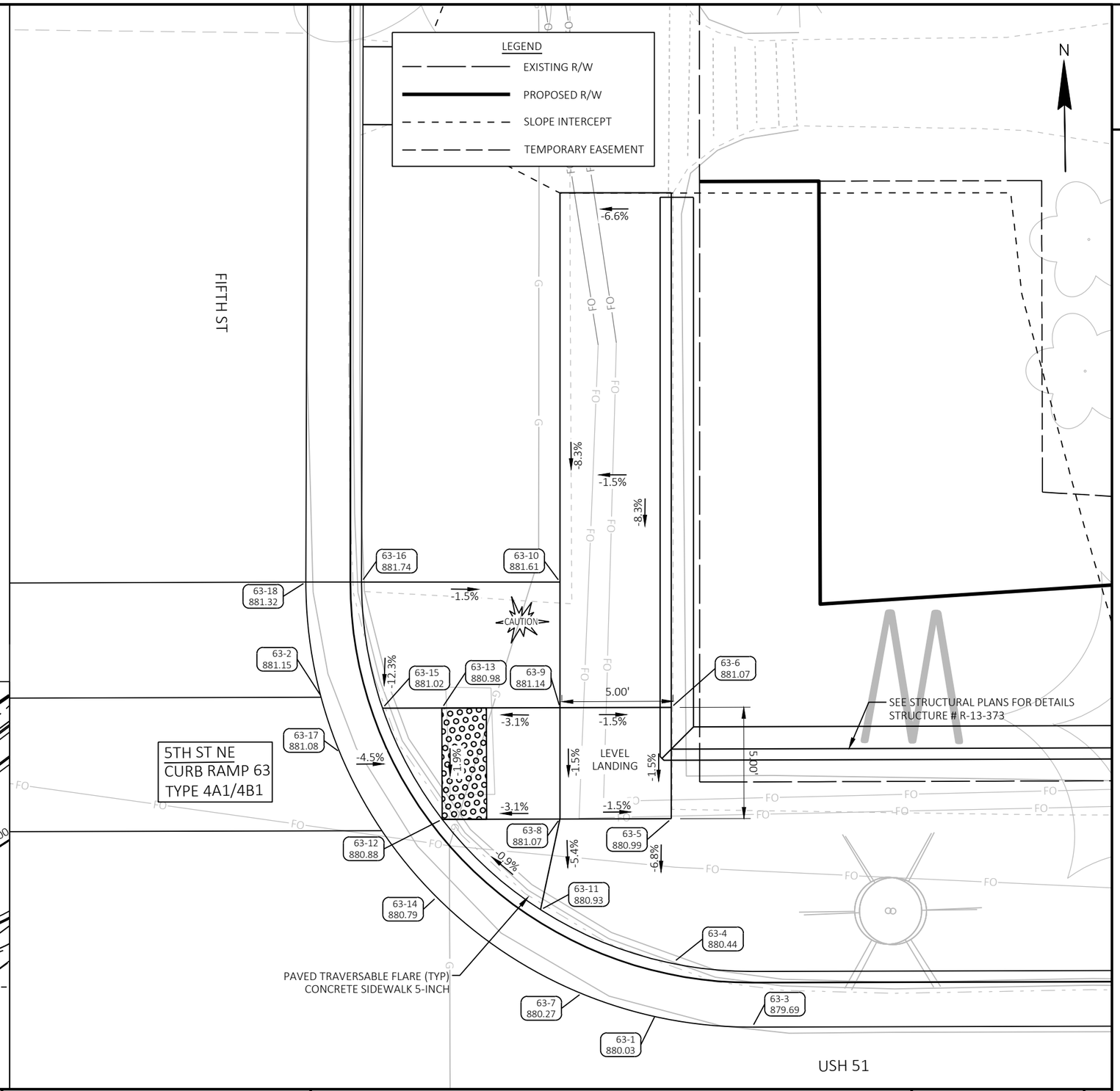
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\021303-CR.DWG
LAYOUT NAME - South 6th Street (3)

PLOT DATE : 9/30/2024 4:23 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : #########

WISDOT/CADDS SHEET 42

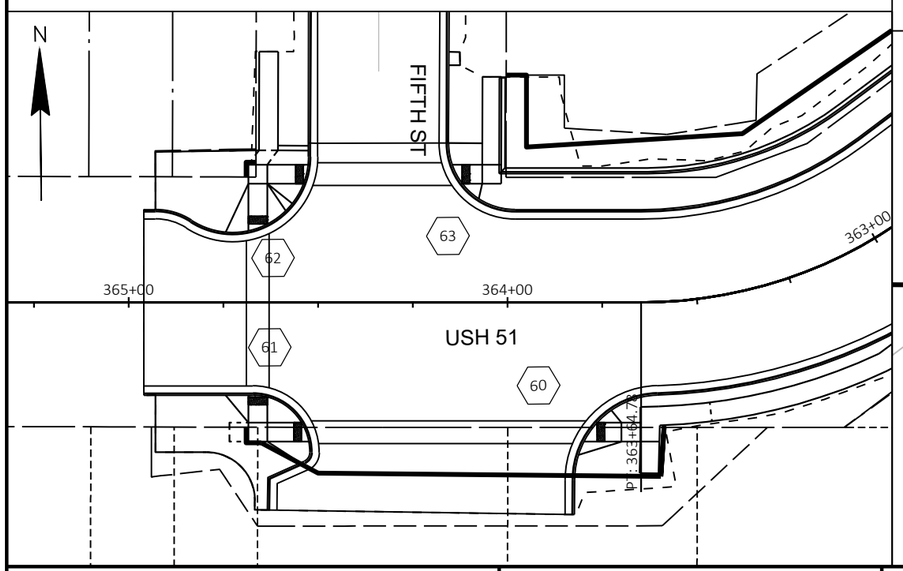
FIFTH ST NE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
1	363+84.48	40.46' RT	0.00	425359.25	866115.48
2	363+88.55	39.30' RT	0.00	425358.13	866111.40
63-1	364+02.42	22.60' RT	880.03	425341.59	866097.33
63-2	364+17.40	36.87' RT	881.15	425356.04	866082.52
63-3	363+98.10	22.00' RT	879.69	425340.94	866101.64
63-4	364+01.62	24.93' RT	880.44	425343.91	866098.16
63-5	364+01.72	31.37' RT	880.99	425350.36	866098.14
63-6	364+01.70	36.37' RT	881.07	425355.36	866098.21
63-7	364+05.75	23.55' RT	880.27	425342.59	866094.01
63-8	364+06.72	31.39' RT	881.07	425350.43	866093.14
63-9	364+06.70	36.37' RT	881.14	425355.41	866093.21
63-10	364+06.69	42.02' RT	881.61	425361.07	866093.29
63-11	364+07.60	27.30' RT	880.93	425346.35	866092.21
63-12	364+12.01	31.37' RT	880.88	425350.48	866087.85
63-13	364+12.01	36.37' RT	880.98	425355.48	866087.91
63-14	364+12.26	27.88' RT	880.79	425346.99	866087.55
63-15	364+14.67	36.37' RT	881.02	425355.51	866085.24
63-16	364+15.60	42.05' RT	881.74	425361.19	866084.38
63-17	364+16.58	34.39' RT	881.08	425353.55	866083.31
63-18	364+18.10	42.05' RT	881.32	425361.23	866081.88

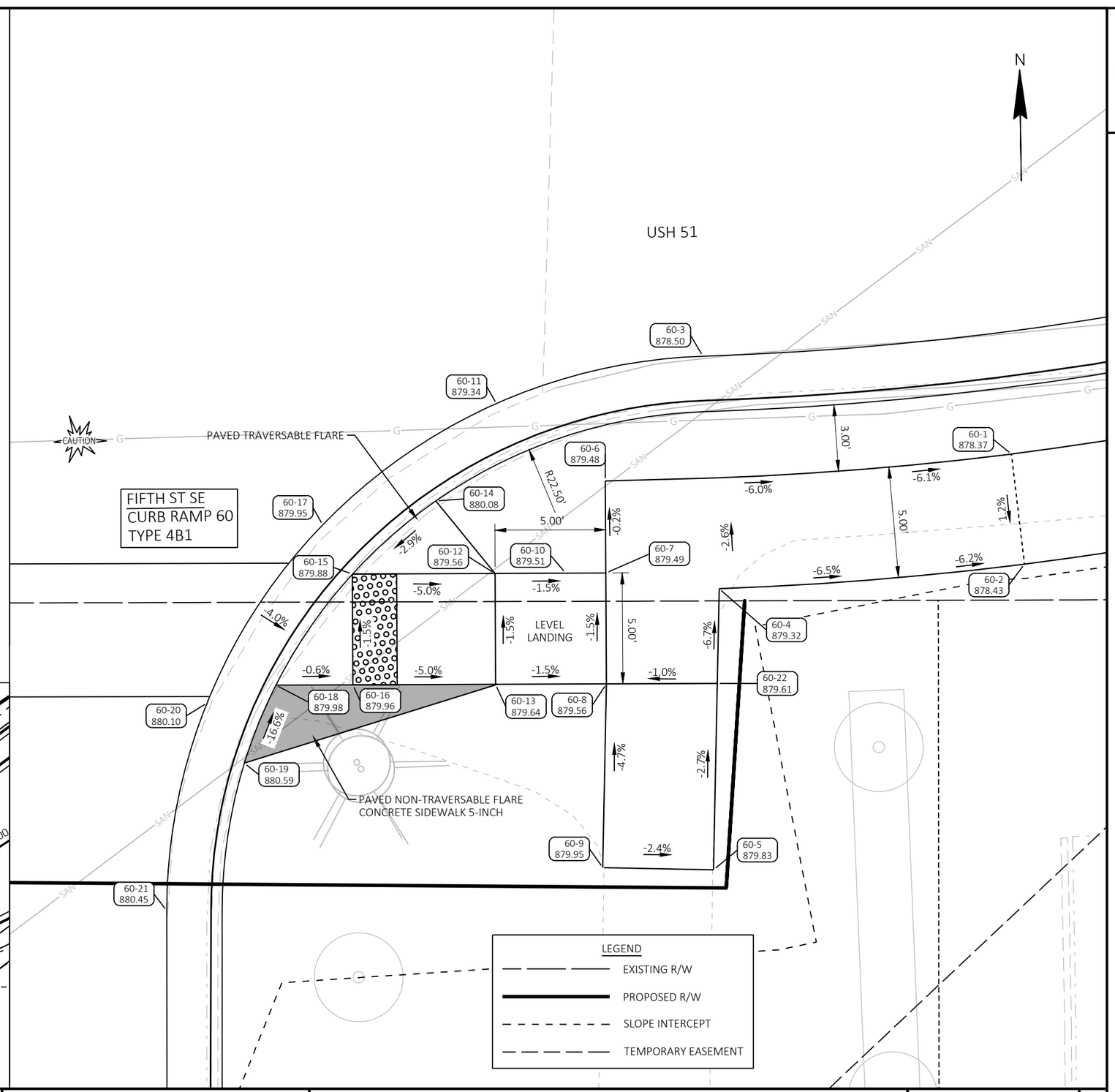




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 93	E

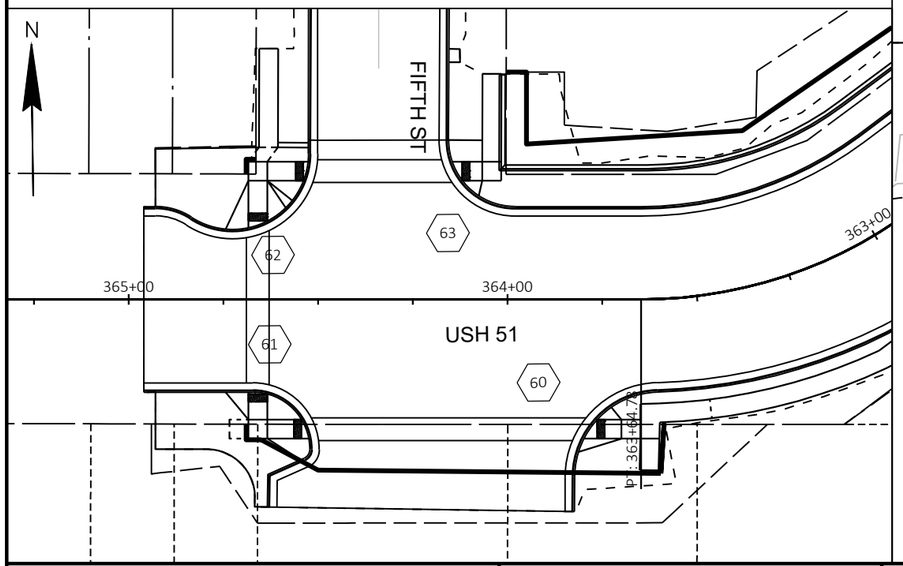
FIFTH ST SE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
60-1	363+49.97	27.50' LT	878.37	425291.96	866152.54
60-2	363+50.00	32.50' LT	878.43	425286.99	866153.06
60-3	363+61.20	22.00' LT	878.50	425296.57	866138.68
60-4	363+60.89	32.50' LT	879.32	425286.08	866139.26
60-5	363+61.40	45.17' LT	879.83	425273.41	866138.83
60-6	363+64.97	27.55' LT	879.48	425291.01	866134.20
60-7	363+64.95	31.70' LT	879.49	425286.86	866134.16
60-8	363+64.94	36.70' LT	879.56	425281.86	866134.12
60-9	363+65.13	44.99' LT	879.95	425273.58	866133.83
60-10	363+66.77	31.70' LT	879.51	425286.88	866132.35
60-11	363+69.86	24.06' LT	879.34	425294.56	866129.34
60-12	363+69.95	31.72' LT	879.56	425286.90	866129.16
60-13	363+69.94	36.72' LT	879.64	425281.90	866129.12
60-14	363+72.62	28.43' LT	880.08	425290.22	866126.54
60-15	363+76.39	31.72' LT	879.88	425286.97	866122.72
60-16	363+76.39	36.72' LT	879.96	425281.98	866122.67
60-17	363+77.72	29.51' LT	879.95	425289.20	866121.42
60-18	363+79.86	36.72' LT	879.98	425282.01	866119.20
60-19	363+81.29	40.23' LT	880.59	425278.52	866117.73
60-20	363+82.95	37.51' LT	880.10	425281.26	866116.10
60-21	363+84.81	46.88' LT	880.45	425271.91	866114.13
60-22	363+61.08	36.77' LT	879.61	425281.81	866139.11

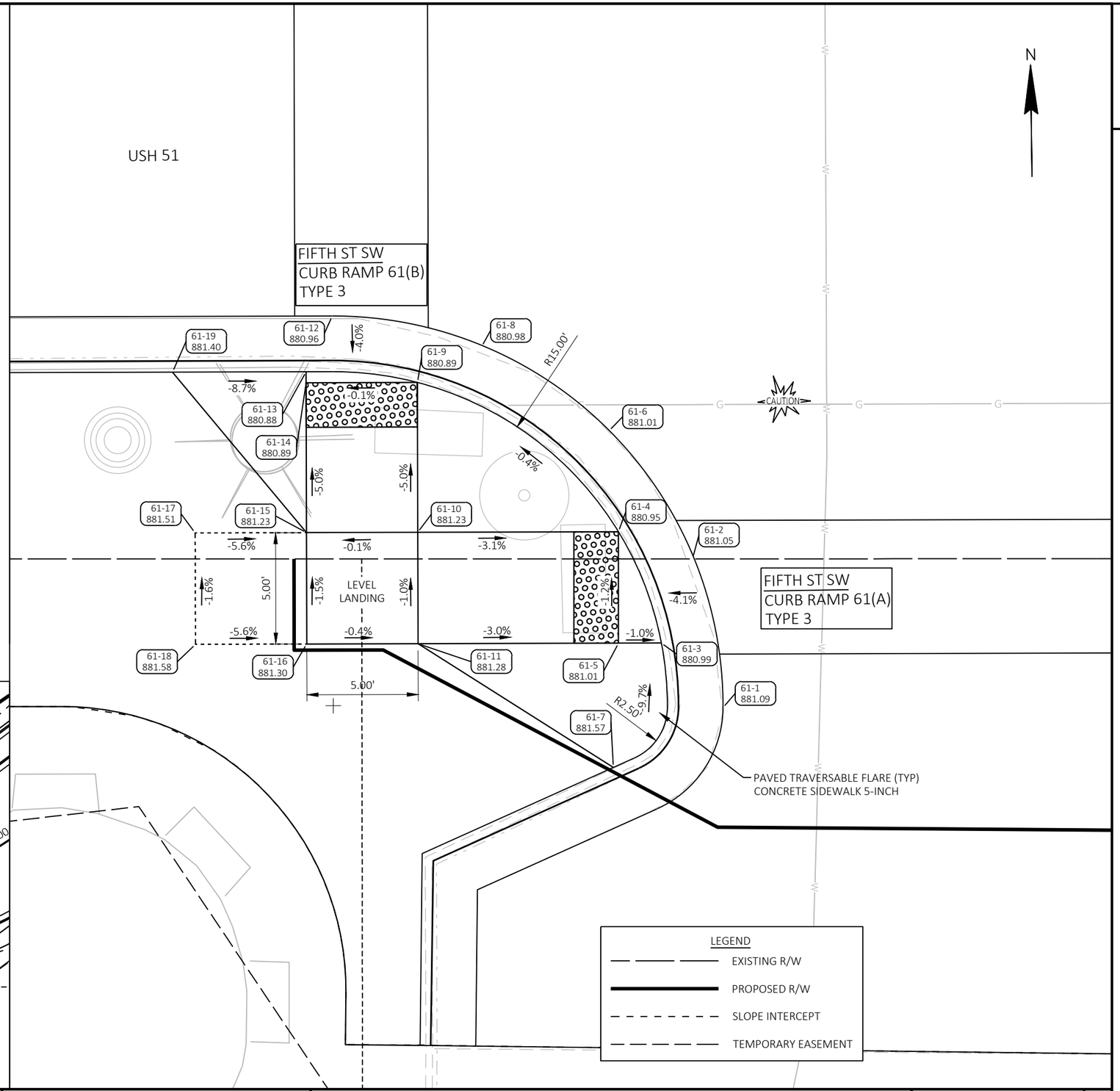




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 94	E

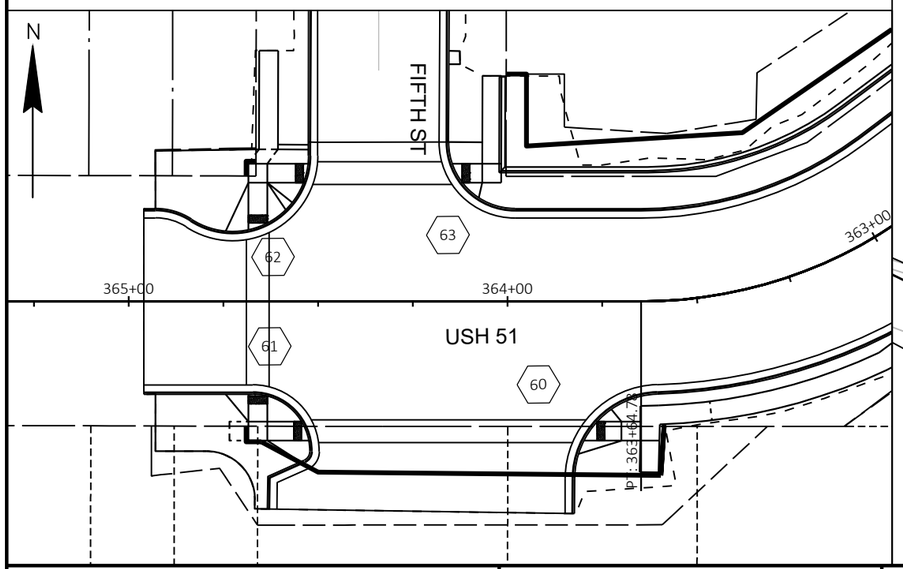
FIFTH ST SW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
61-1	364+49.75	39.64' LT	881.09	425279.91	866049.28
61-2	364+51.09	32.92' LT	881.05	425286.64	866048.02
61-3	364+52.51	36.72' LT	880.99	425282.86	866046.56
61-4	364+54.42	31.72' LT	880.95	425287.88	866044.70
61-5	364+54.42	36.72' LT	881.01	425282.88	866044.64
61-6	364+54.83	27.18' LT	881.01	425292.42	866044.34
61-7	364+54.67	42.30' LT	881.57	425277.31	866044.33
61-8	364+60.54	23.39' LT	880.98	425296.29	866038.68
61-9	364+63.43	24.99' LT	880.89	425294.72	866035.77
61-10	364+63.43	31.72' LT	881.23	425287.99	866035.69
61-11	364+63.43	36.72' LT	881.28	425282.99	866035.63
61-12	364+67.25	22.00' LT	880.96	425297.75	866031.99
61-13	364+68.43	24.50' LT	880.88	425295.27	866030.77
61-14	364+68.43	24.99' LT	880.89	425294.77	866030.77
61-15	364+68.43	31.72' LT	881.23	425288.05	866030.69
61-16	364+68.43	36.72' LT	881.30	425283.05	866030.63
61-17	364+73.43	31.72' LT	881.51	425288.10	866025.69
61-18	364+73.43	36.72' LT	881.58	425283.10	866025.63
61-19	364+74.43	24.50' LT	881.40	425295.34	866024.78

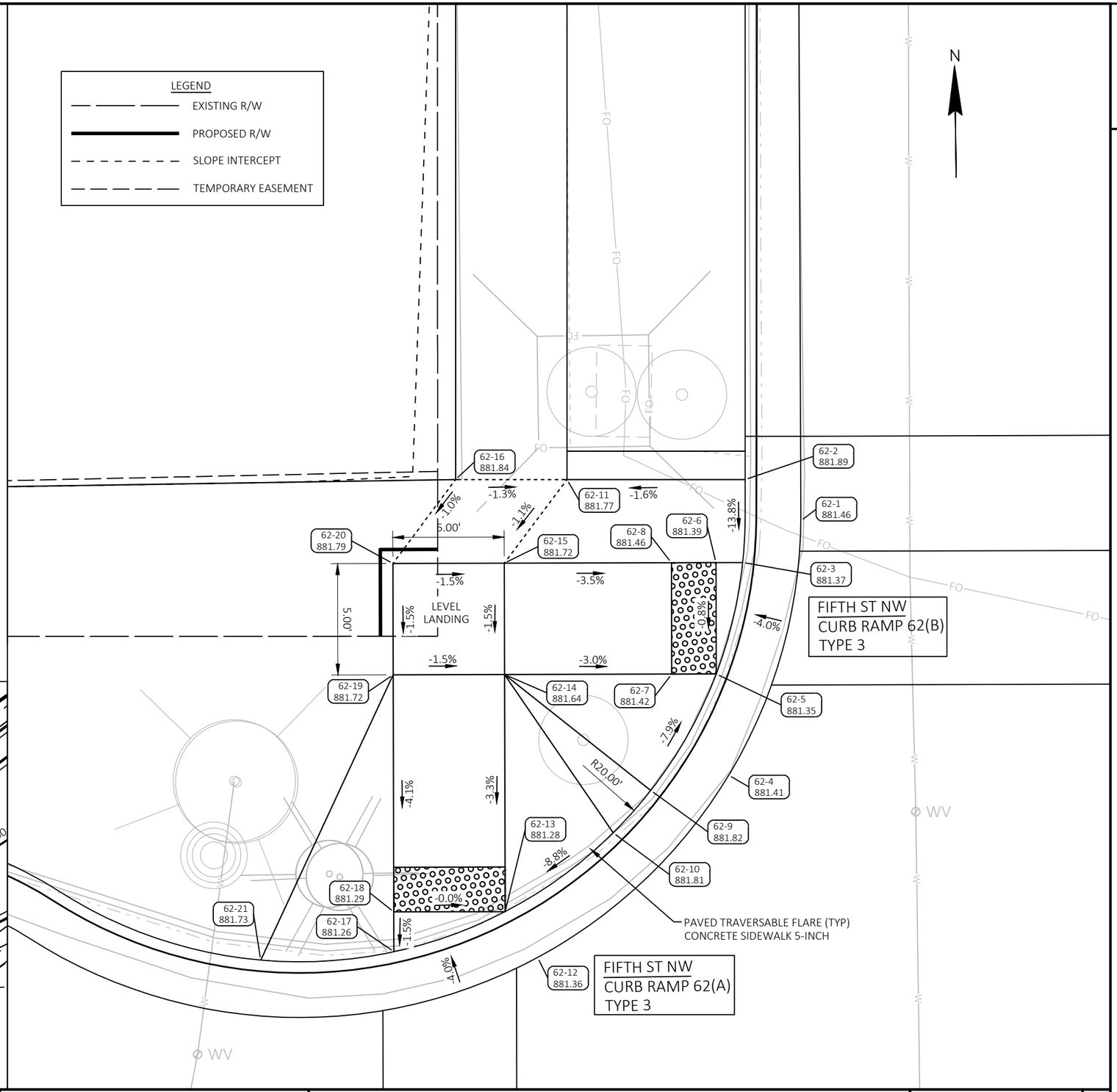




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CURB RAMPS	SHEET 95	E

FIFTH ST NW					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
62-1	364+50.11	38.23' RT	881.46	425357.77	866049.82
62-2	364+52.61	40.10' RT	881.89	425359.67	866047.35
62-3	364+52.73	36.37' RT	881.37	425355.95	866047.19
62-4	364+53.38	26.83' RT	881.41	425346.41	866046.43
62-5	364+53.93	31.37' RT	881.35	425350.97	866045.93
62-6	364+53.93	36.37' RT	881.39	425355.97	866045.99
62-7	364+55.93	31.37' RT	881.42	425350.99	866043.93
62-8	364+55.93	36.37' RT	881.46	425355.99	866043.99
62-9	364+56.88	26.15' RT	881.82	425345.78	866042.92
62-10	364+58.57	24.26' RT	881.81	425343.90	866041.20
62-11	364+60.61	40.12' RT	881.77	425359.79	866039.35
62-12	364+61.99	18.67' RT	881.36	425338.36	866037.73
62-13	364+63.43	20.73' RT	881.28	425340.44	866036.30
62-14	364+63.43	31.37' RT	881.64	425351.08	866036.42
62-15	364+63.43	36.37' RT	881.72	425356.08	866036.48
62-16	364+65.61	40.13' RT	881.84	425359.86	866034.35
62-17	364+68.43	18.94' RT	881.26	425338.71	866031.28
62-18	364+68.43	20.73' RT	881.29	425340.49	866031.30
62-19	364+68.43	31.37' RT	881.72	425351.13	866031.43
62-20	364+68.43	36.37' RT	881.79	425356.13	866031.48
62-21	364+74.42	18.58' RT	881.73	425338.42	866025.29





2

FLAG

285+00 286+00 287+00 288+00 289+00 290+00

USH 51

SIGN

N

MATCH LINE 290+25

MATCH LINE 290+25

SIGN SIGN

291+00 292+00 293+00 294+00 295+00 296

USH 51

SIGN SIGN SIGN

SPRING RD

A/C

SEPC SEPC

N

MATCH LINE 296+00

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- SOD LAWN
- INLET PROTECTION
- SILT FENCE
- A B INLET PROTECTION TYPE
- SLOPE INTERCEPT
- SURFACE WATER FLOW
- CULVERT PIPE CHECKS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 97	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\022001-EC1.DWG
LAYOUT NAME - ec-02451
PLOT DATE : 7/26/2024 3:05 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

MATCH LINE 296+00

USH 51

+00 297+00 298+00 299+00 300+00 301+00

MATCH LINE 301+75

MATCH LINE 301+75

302+00 303+00 304+00 305+00 306+00 307+00

USH 51

MATCH LINE 307+50

RACE TRACK RD

SIGN

INL

FLAG

A/C

N

N

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- SOD LAWN
- INLET PROTECTION
- SILT FENCE
- A B C INLET PROTECTION TYPE
- SLOPE INTERCEPT
- SURFACE WATER FLOW
- CULVERT PIPE CHECKS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 98	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\022001-EC1.DWG
LAYOUT NAME - ec-02452

PLOT DATE : 7/26/2024 3:06 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 307+50

MATCH LINE 313+25

MATCH LINE 313+25

MATCH LINE 319+00

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- SOD LAWN
- INLET PROTECTION
- SILT FENCE
- A B C — INLET PROTECTION TYPE
- SLOPE INTERCEPT
- SURFACE WATER FLOW
- CULVERT PIPE CHECKS

USH 51

308+00 309+00 310+00 311+00 312+00 313+00

314+00 315+00 316+00 317+00 318+00 319

USH 51

USH 51

ASHBERRY LN

CTH A

CTH N

POST

SIGN

FLAG

MH

INL

SLAB

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 99	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\022001-EC1.DWG
LAYOUT NAME - ec-02453

PLOT DATE : 7/26/2024 3:06 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 319+00

MATCH LINE 324+75

MATCH LINE 324+75

MATCH LINE 330+50

CTH A

CTH N

CHALET DR

USH 51

USH 51

320+00

321+00

322+00

323+00

324+00

325+00

326+00

327+00

328+00

329+00

330+00

N

N

SIGN

POST

MH

INL

SLAB

W

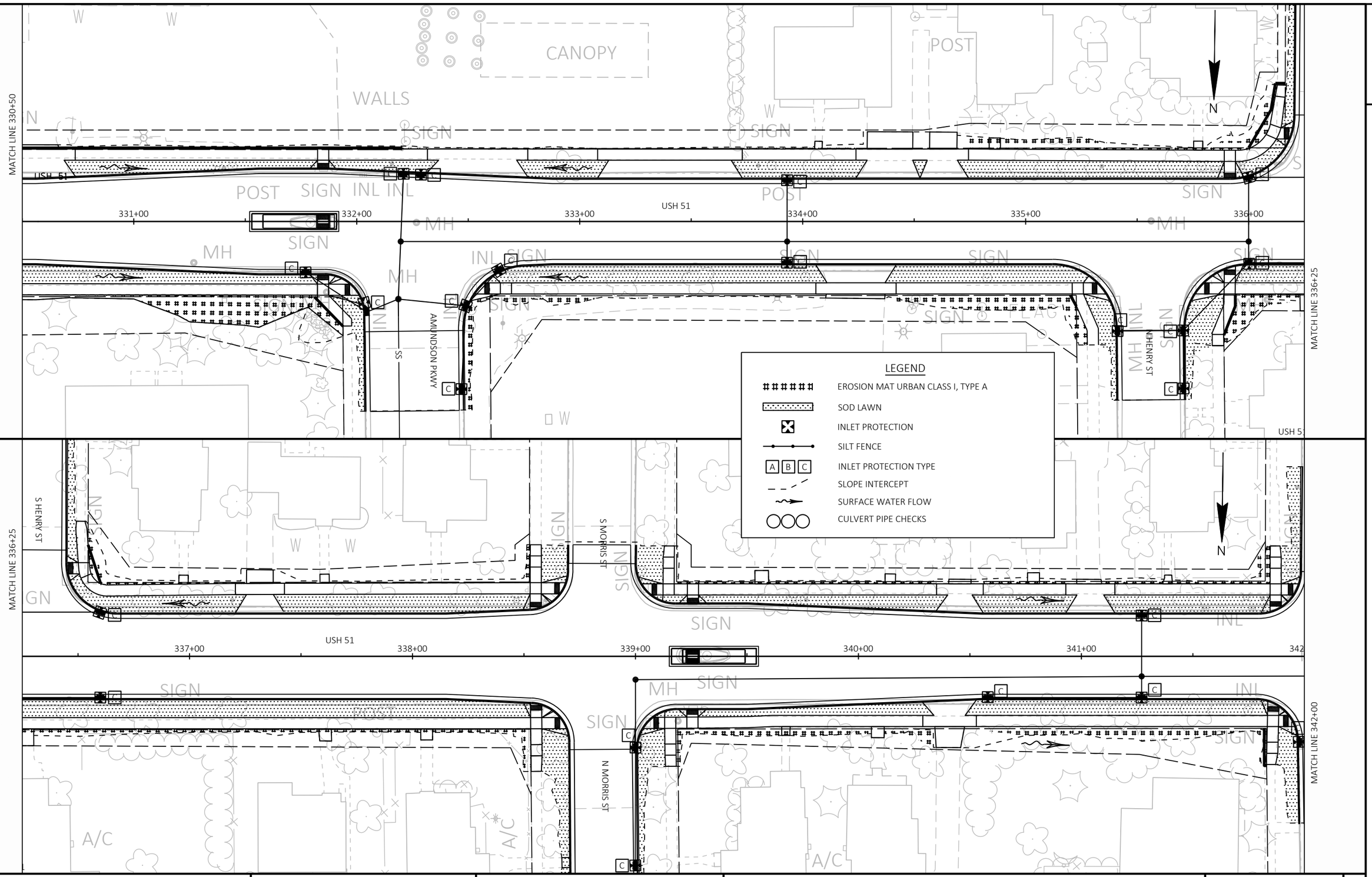
LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- SOD LAWN
- INLET PROTECTION
- SILT FENCE
- A B C INLET PROTECTION TYPE
- SLOPE INTERCEPT
- SURFACE WATER FLOW
- CULVERT PIPE CHECKS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 100	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\022001-EC1.DWG
LAYOUT NAME - ec-02454

PLOT DATE : 7/26/2024 3:06 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT



2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 101	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\022001-EC1.DWG
LAYOUT NAME - ec-02455
PLOT DATE : 7/26/2024 3:06 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

MATCH LINE 342+00

S FRANKLIN ST

S ACADEMY ST

POOL

N

USH 51

343+00

344+00

345+00

346+00

347+00

N FRANKLIN ST

CHURCH ST

MATCH LINE 347+75

LEGEND

- EROSION MAT URBAN CLASS I, TYPE A
- SOD LAWN
- INLET PROTECTION
- SILT FENCE
- A B C — INLET PROTECTION TYPE
- SLOPE INTERCEPT
- SURFACE WATER FLOW
- CULVERT PIPE CHECKS

MATCH LINE 347+75

N LYNN ST

S LYNN ST

348+00

349+00

350+00

USH 51

352+00

353+00

MATCH LINE 353+50

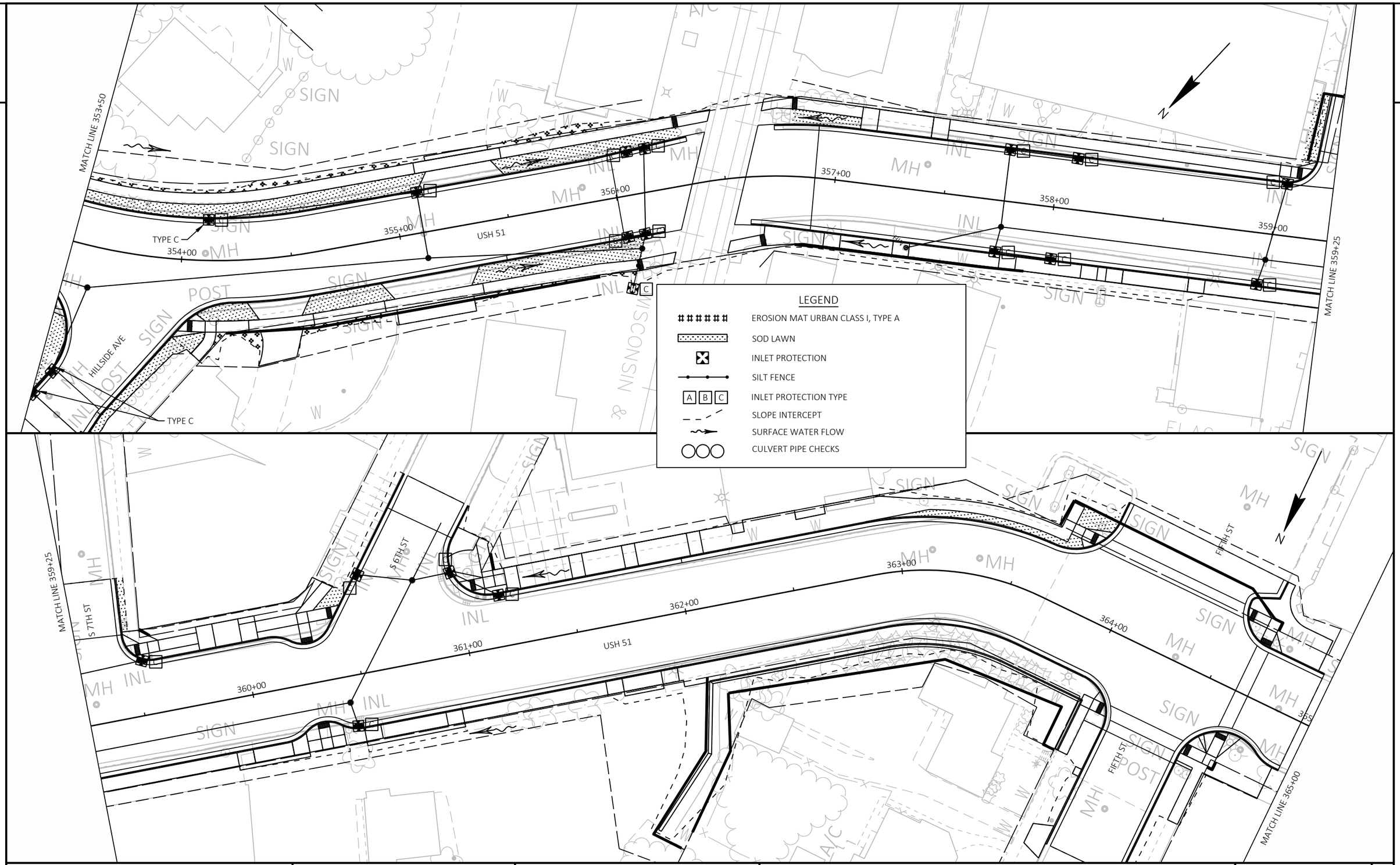
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 102	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\022001-EC1.DWG
LAYOUT NAME - ec-02456

PLOT DATE : 7/26/2024 3:06 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

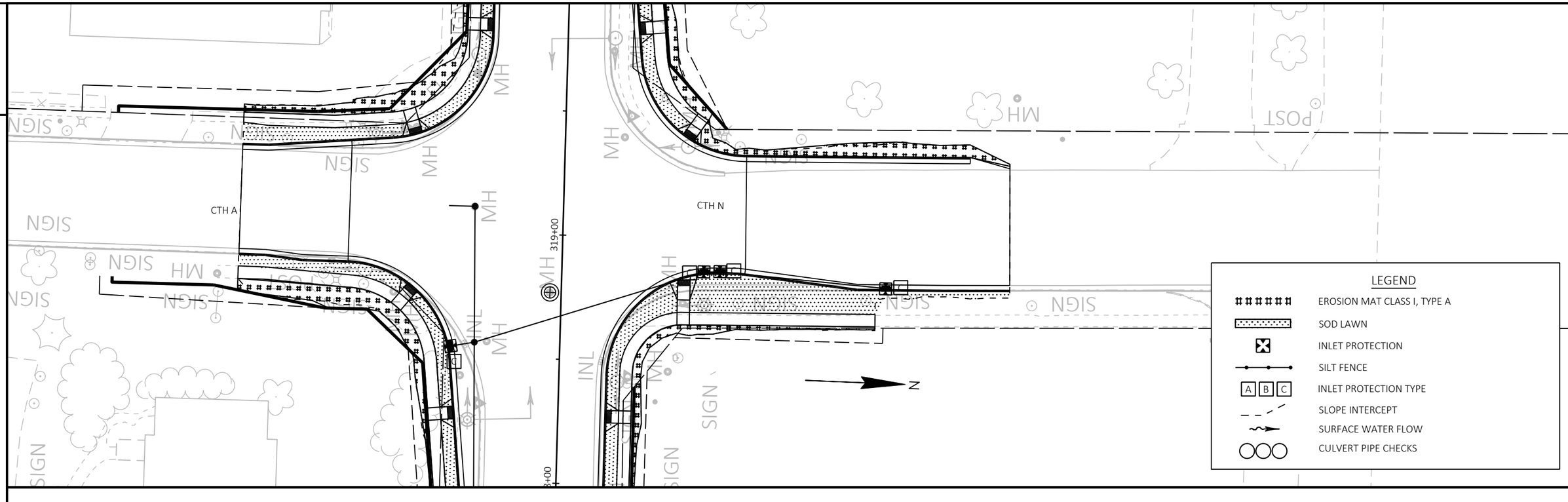
WISDOT/CADDS SHEET 44

2



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 103	E

2

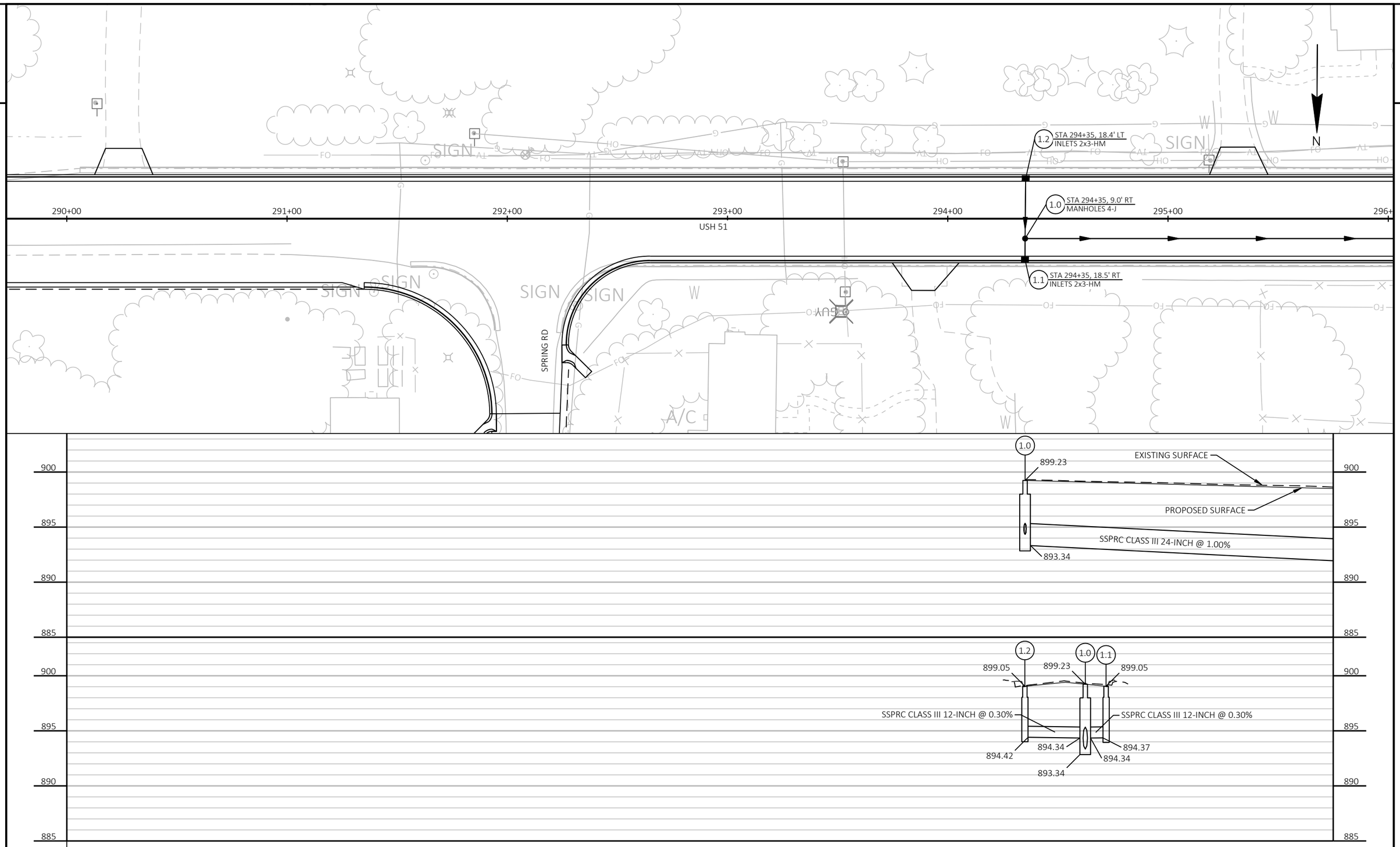


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET 104	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\022001-EC1.DWG
LAYOUT NAME - 02457-ec

PLOT DATE : 7/26/2024 3:06 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 105 E

2

STA 297+07, 19.0' LT
INLETS 2x3-HM

2.3

2.2 STA 297+15, 19.0' LT
INLETS 2x3-HM

2.0 STA 297+15, 9.0' RT
MANHOLES 4-J

2.1 STA 297+15, 19.0' RT
INLETS 2x3-HM

3.4 STA 300+48, 46.1' LT
APRON ENDWALLS FOR CPRC 36-INCH

3.3 STA 300+48, 18.3' LT
CATCH BASINS 5-HM

3.0 STA 300+47, 9.0' RT
MANHOLES 6-J

3.2 STA 300+47, 18.9' RT
CATCH BASINS 5-HM

3.1 STA 300+45, 80.2' RT
APRON ENDWALLS FOR CPRC 36-INCH

USH 51

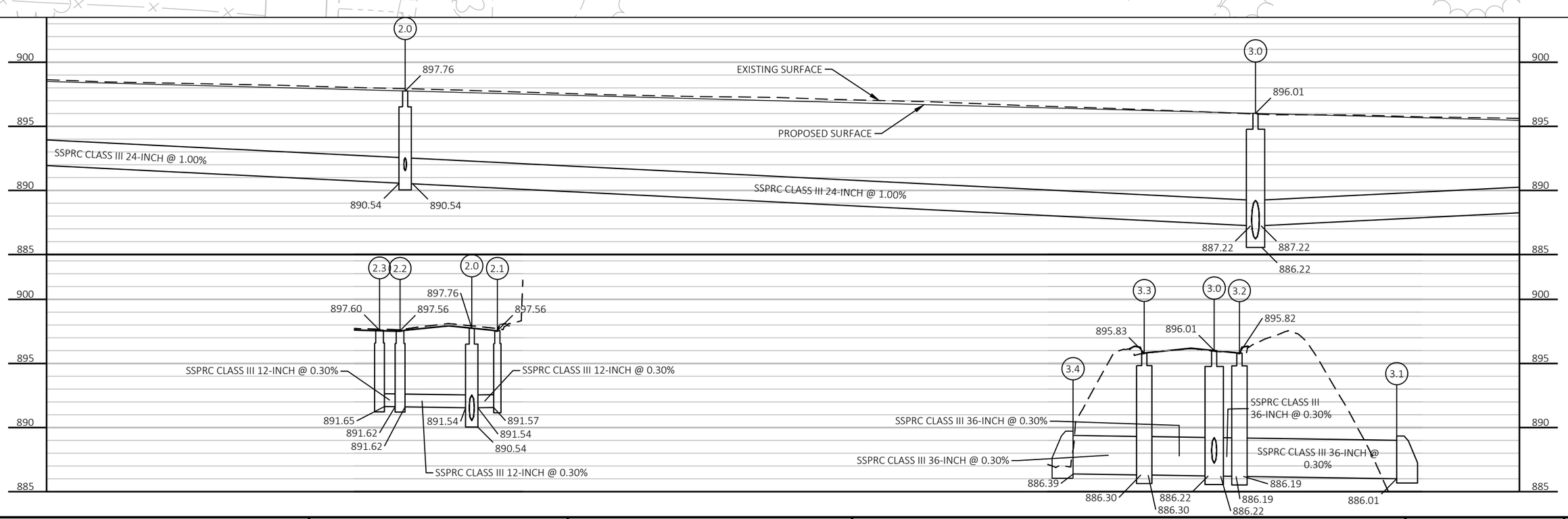
296+00 297+00 298+00 299+00 300+00 301+00

24"
2.0-3.0

SIGN SIGN SIGN SIGN SIGN SIGN

N

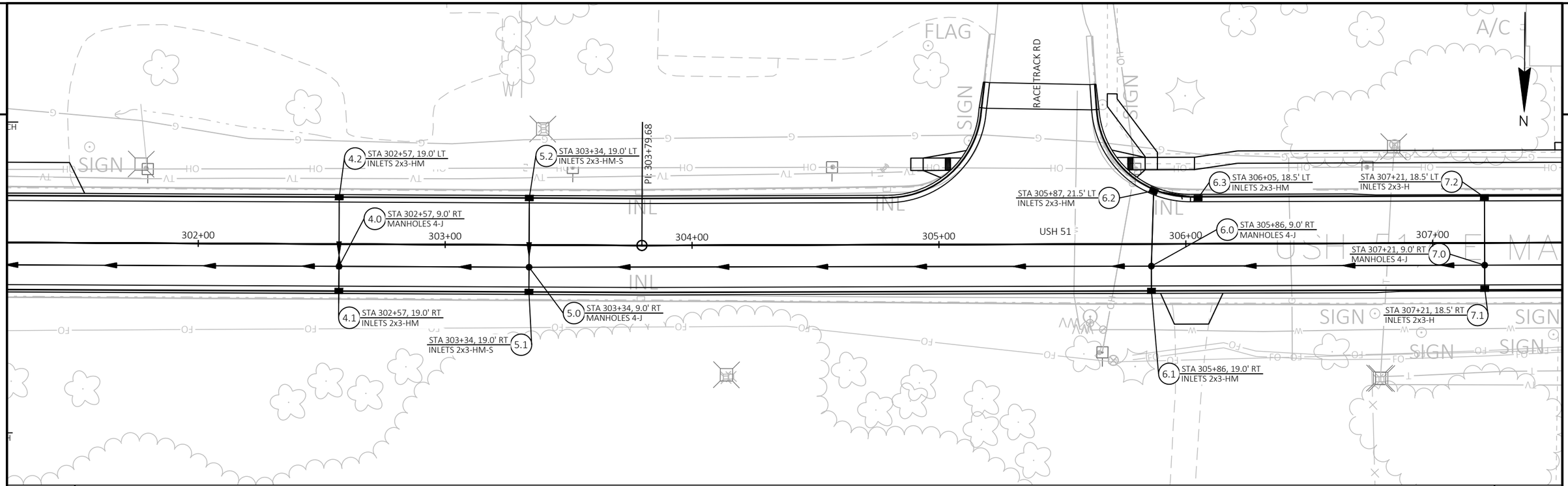
SEPC
A/C

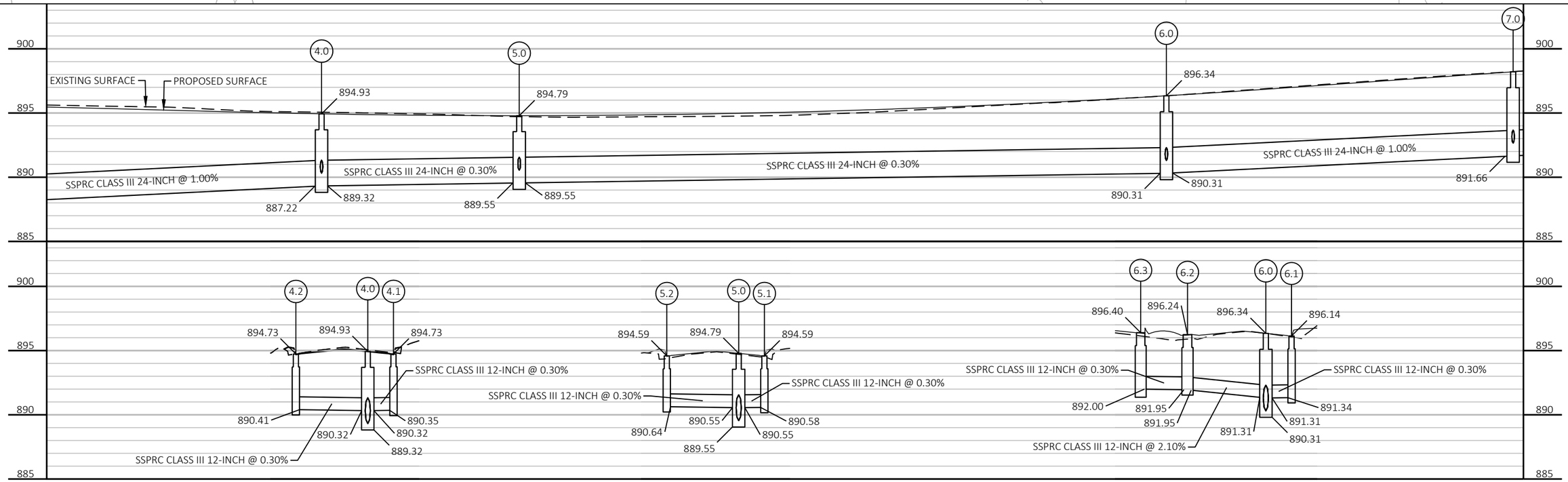


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 106	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_RACETRACK_CTHN.DWG
LAYOUT NAME - 02

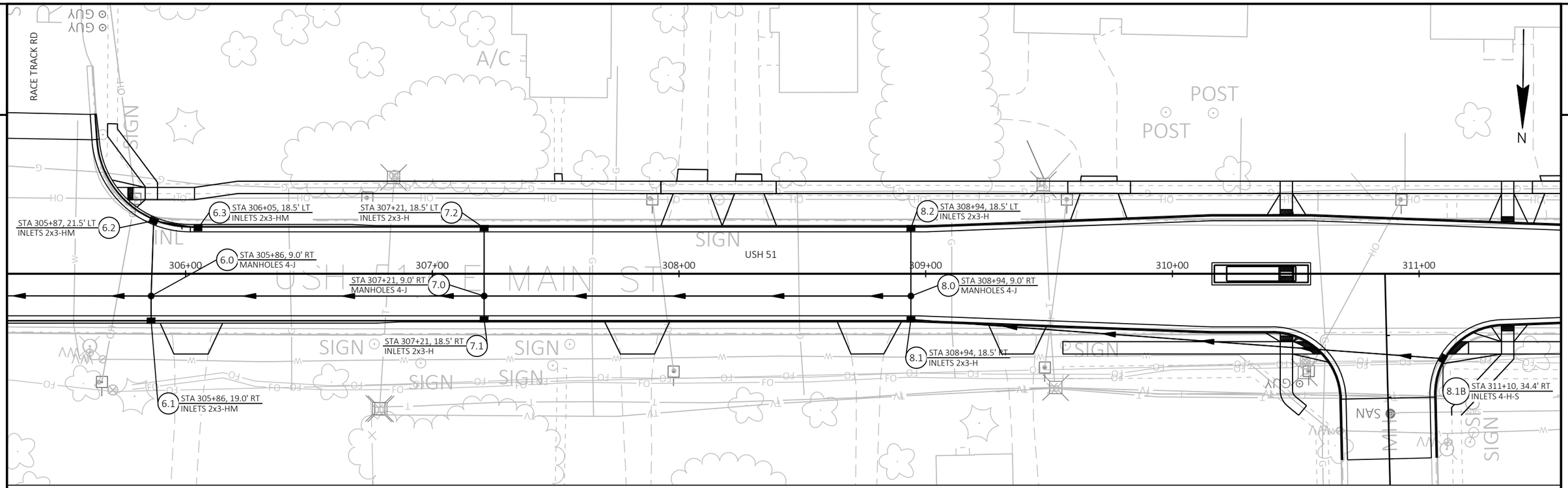
PLOT DATE : 7/29/2024 11:53 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

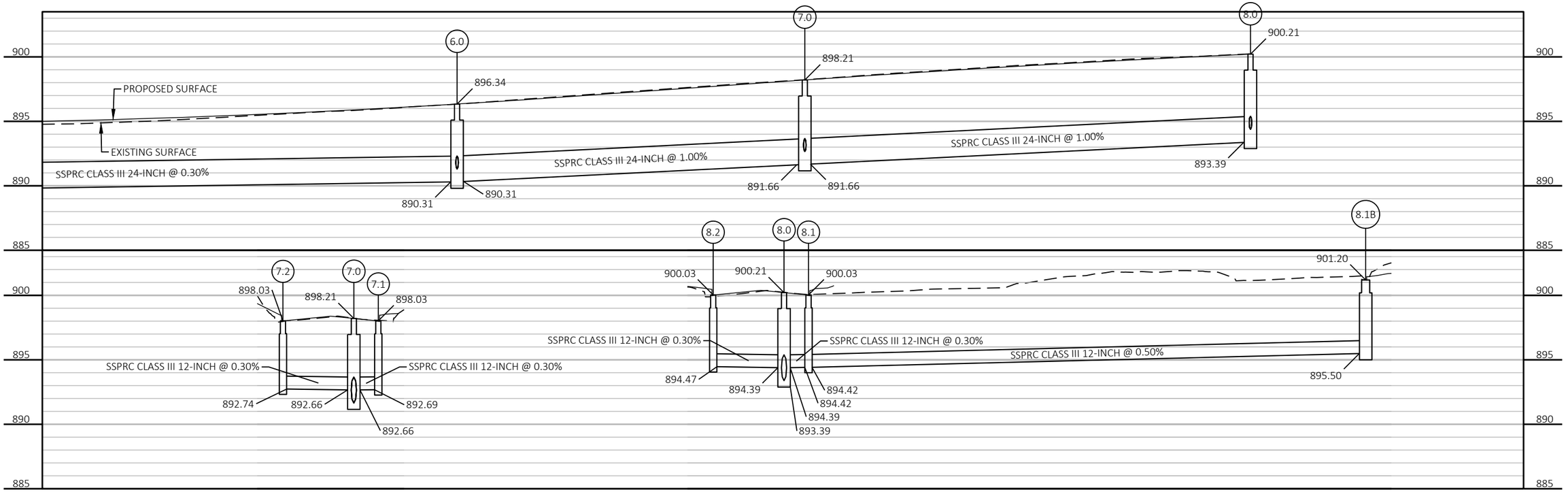




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 107	E

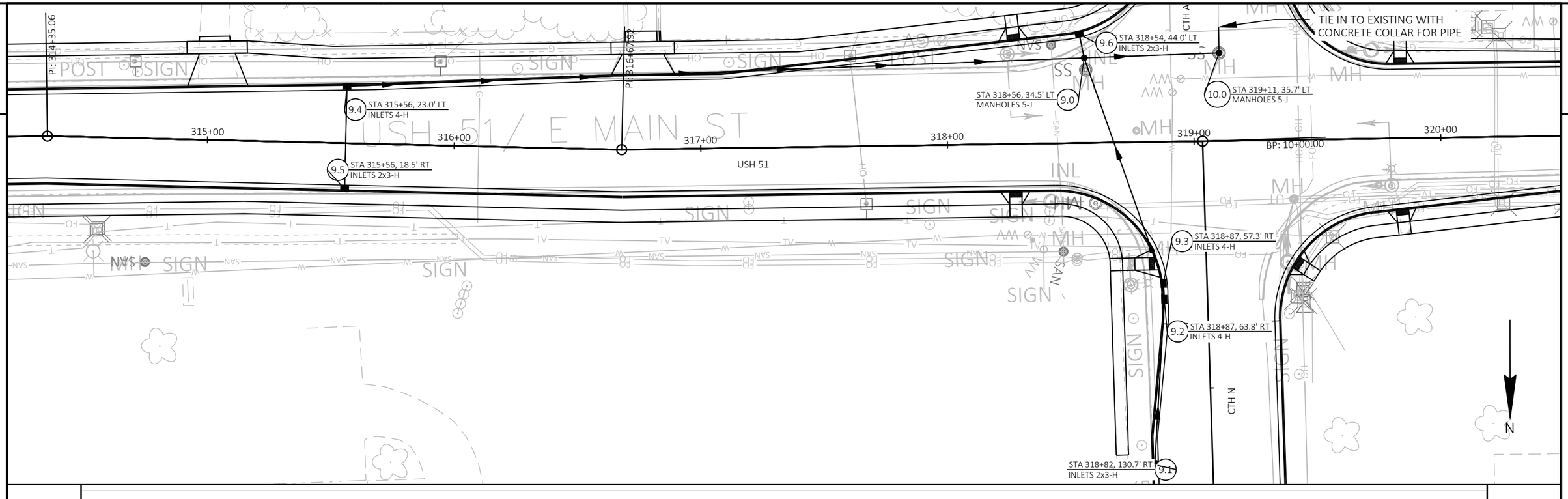
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_RACETRACK_CTHN.DWG
LAYOUT NAME - 03
PLOT DATE : 7/29/2024 11:53 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

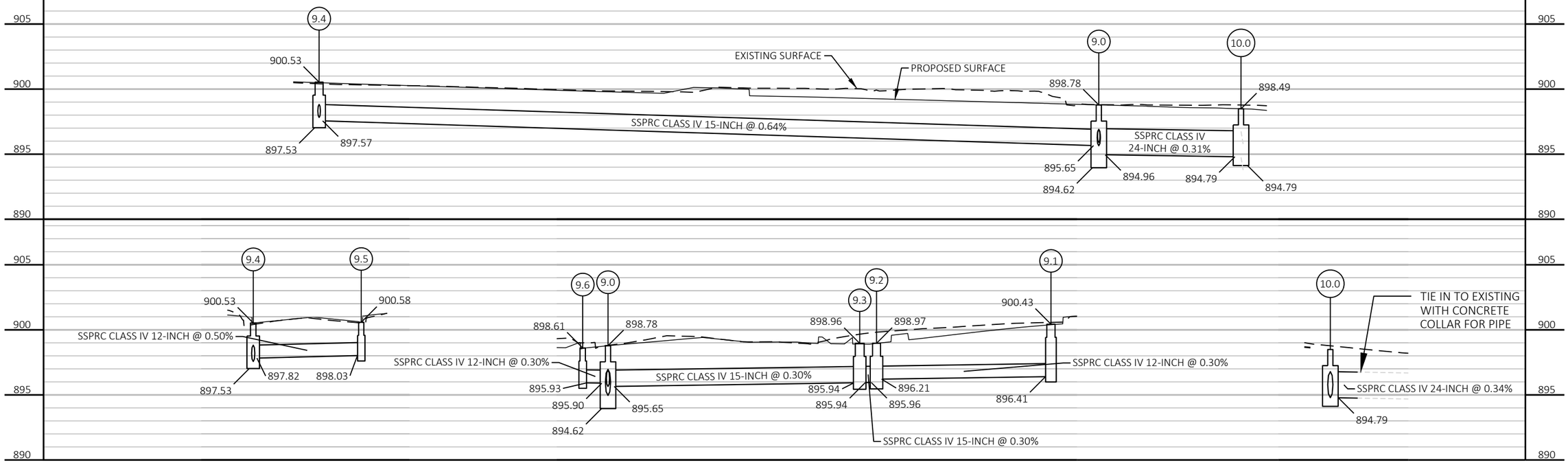




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 108	E

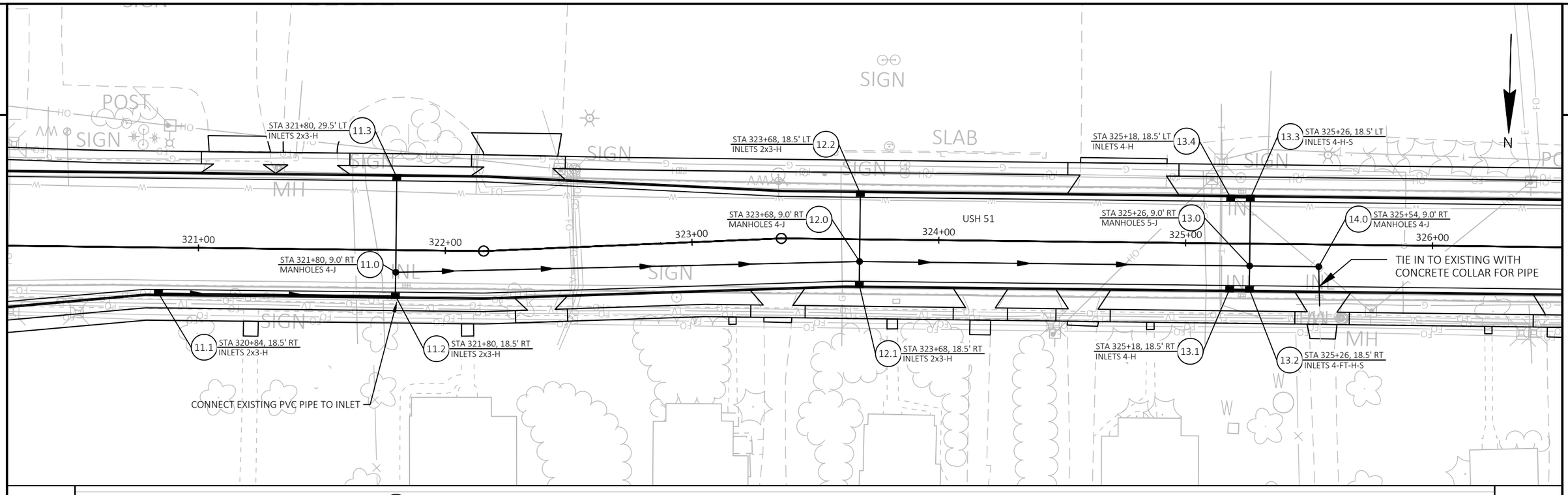
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_RACETRACK_CTHN.DWG
LAYOUT NAME - 04
PLOT DATE : 7/29/2024 11:53 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

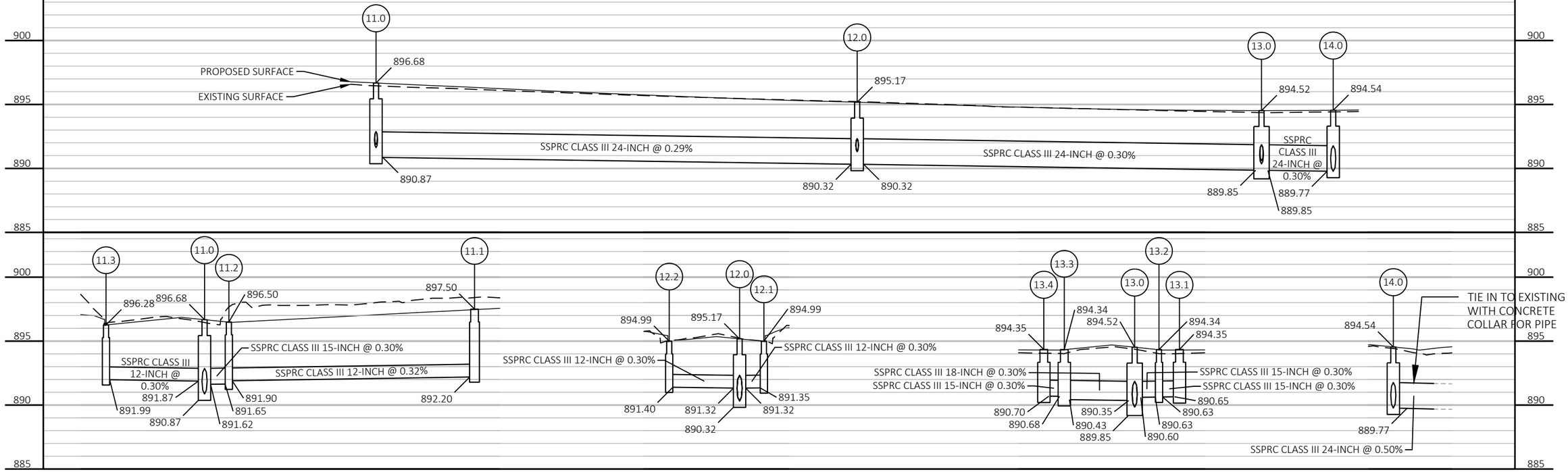




PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 109	E

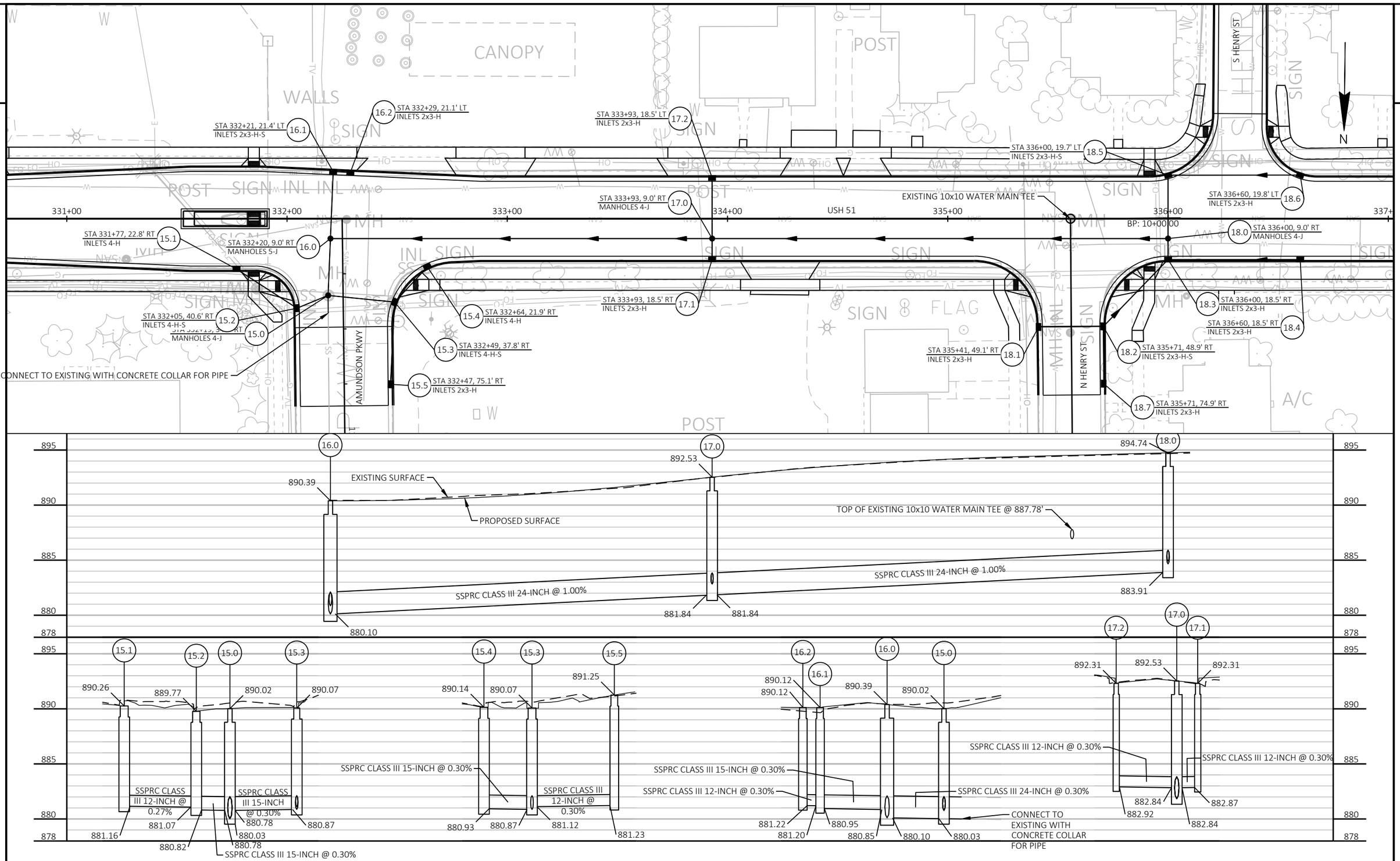
2





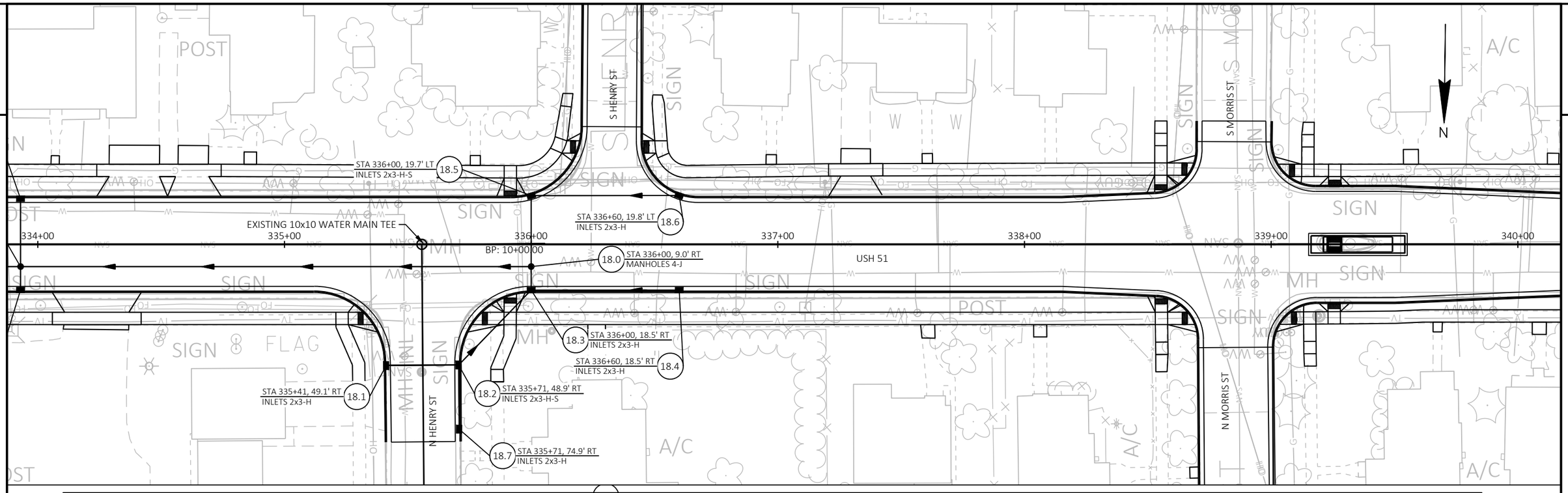
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 110	E

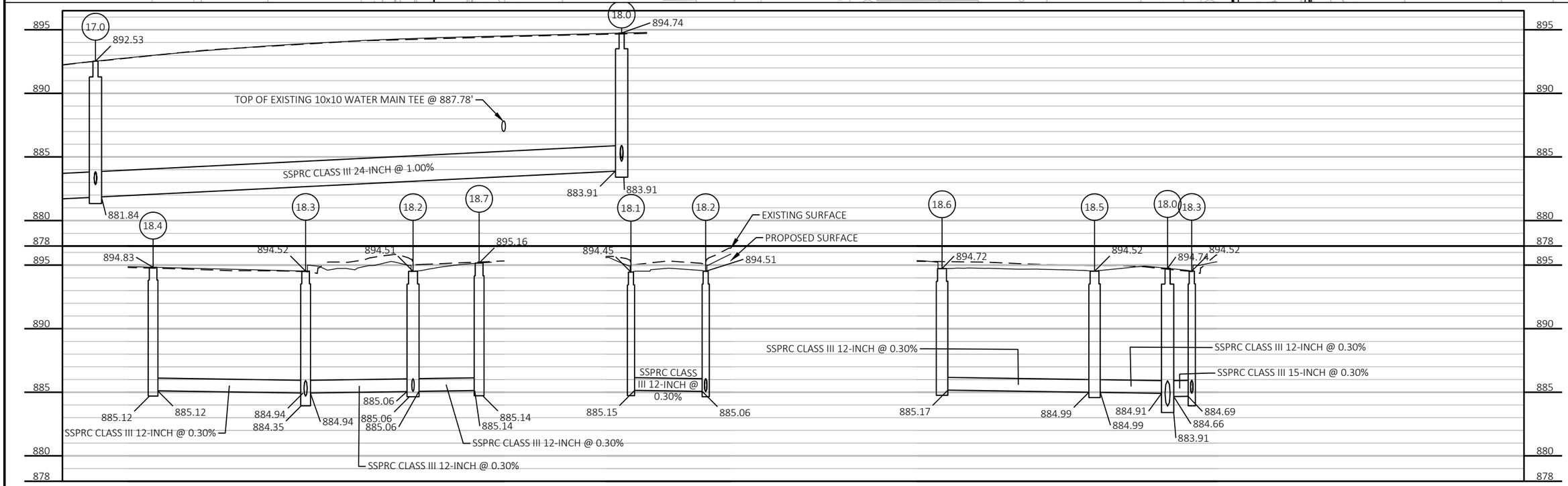
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_CHALET_AMUNDSON.DWG
LAYOUT NAME - 06
PLOT DATE : 7/29/2024 11:53 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 111	E

2

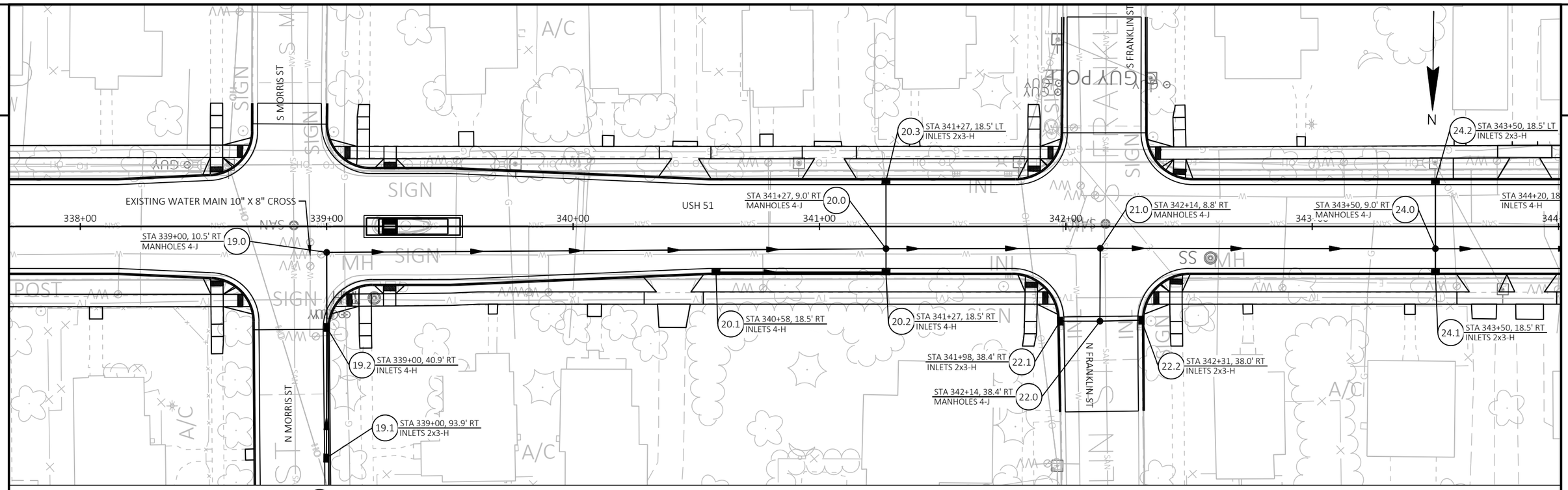


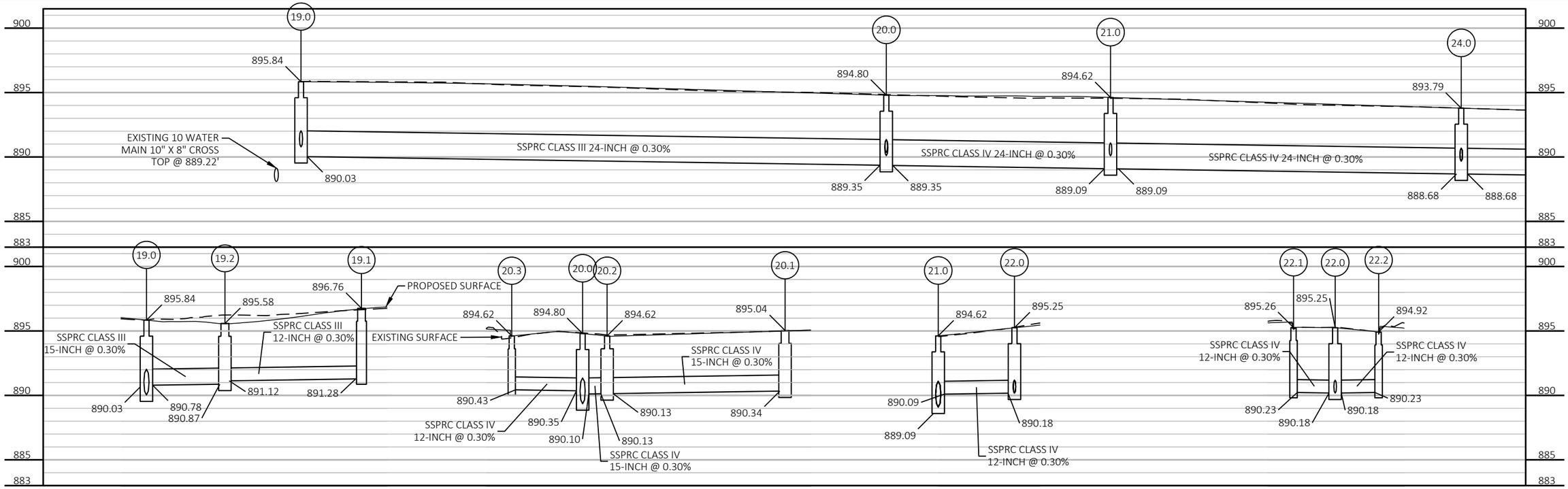


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 112	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_CHALET_AMUNDSON.DWG
LAYOUT NAME - 08
PLOT DATE : 7/29/2024 11:54 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 113	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_ACADEMY.DWG
LAYOUT NAME - 09
PLOT DATE : 7/29/2024 11:54 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

N

STA 345+55, 19.6' LT
MANHOLES 5-J
27.0

TIE IN TO EXISTING

28.0
STA 345+55, 46.9' LT
MANHOLES 5-J

STA 344+80, 18.5' LT
INLETS 4-H-S
25.3

24.2
STA 343+50, 18.5' LT
INLETS 2x3-H

STA 344+50, 18.5' LT
INLETS 4-H
25.4

27.1
STA 345+76, 19.6' LT
INLETS 2x3-H

P: 346+54.26

30.1
STA 347+21, 23.5' LT
INLETS 2x3-H

STA 343+50, 9.0' RT
MANHOLES 4-J
24.0

STA 344+20, 18.5' LT
INLETS 4-H
25.5

STA 344+80, 9.0' RT
MANHOLES 5-J
25.0

29.0
STA 345+85, 9.0' RT
MANHOLES 5-J

30.0
STA 347+21, 9.0' RT
MANHOLES 4-J

343+00
344+00
345+00
346+00
347+00
348+00
349+00

EP: 10+00.00

SACADEMY ST

USH 51

CHURCH ST

STA 344+72, 18.5' RT
INLETS 4-H
25.1

STA 347+08, 33.1' RT
INLETS 4-FT-H-S
31.1

31.3
STA 347+70, 23.5' RT
INLETS 4-H

STA 345+55, 9.0' RT
MANHOLES 6-J
26.0

24.1
STA 343+50, 18.5' RT
INLETS 2x3-H

TIE IN TO EXISTING
PVC PIPE WITH
COUPLING

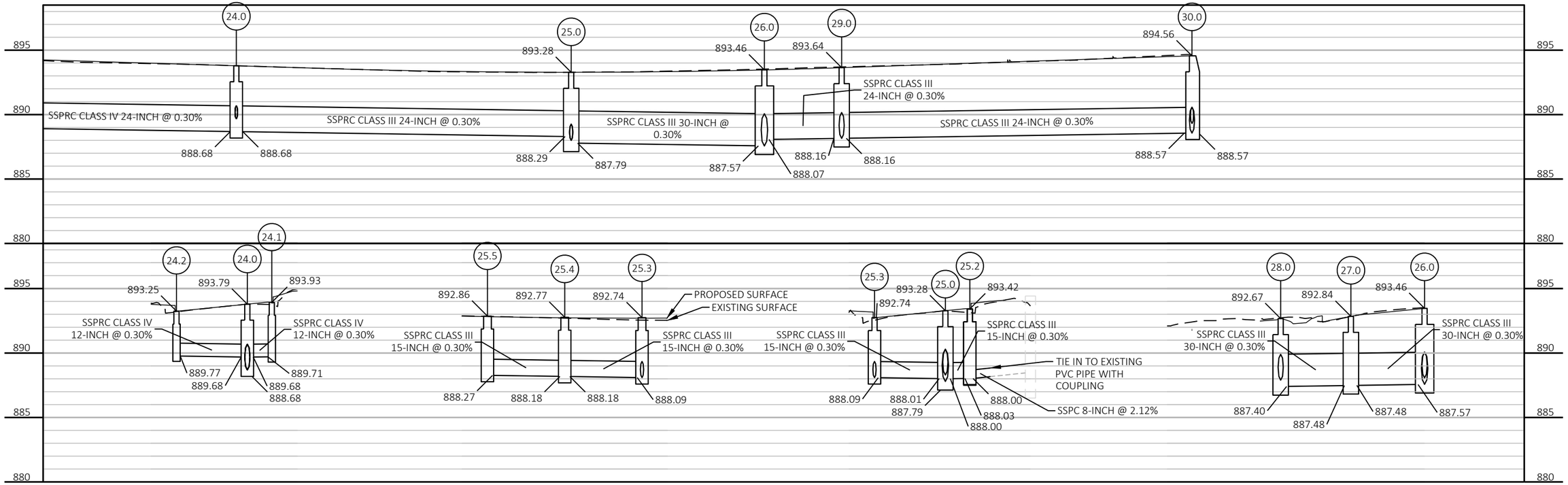
25.2
STA 344+80, 18.5' RT
INLETS 4-H

STA 345+85, 19.9' RT
INLETS 2x3-H
29.1

31.2
STA 347+50, 33.1' RT
INLETS 4-H

STA 347+21, 33.1' RT
MANHOLES 4-J
31.0

POOL
POST
A/C



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 114	E

2

N

STA 345+55, 19.6' LT
MANHOLES 5-J
27.0

TIE IN TO EXISTING

28.0
STA 345+55, 46.9' LT
MANHOLES 5-J

27.1
STA 345+76, 19.6' LT
INLETS 2x3-H

STA 344+80, 18.5' LT
INLETS 4-H-S
25.3

24.2
STA 343+50, 18.5' LT
INLETS 2x3-H

STA 344+50, 18.5' LT
INLETS 4-H
25.4

STA 344+20, 18.5' LT
INLETS 4-H
25.5

STA 343+50, 9.0' RT
MANHOLES 4-J
24.0

STA 344+80, 9.0' RT
MANHOLES 5-J
25.0

29.0
STA 345+85, 9.0' RT
MANHOLES 5-J

30.1
STA 347+21, 23.5' LT
INLETS 2x3-H

30.0
STA 347+21, 9.0' RT
MANHOLES 4-J

31.3
STA 347+70, 23.5' RT
INLETS 4-H

STA 347+08, 33.1' RT
INLETS 4-FT-H-S
31.1

31.2
STA 347+50, 33.1' RT
INLETS 4-H

STA 344+72, 18.5' RT
INLETS 4-H
25.1

24.1
STA 343+50, 18.5' RT
INLETS 2x3-H

25.2
STA 344+80, 18.5' RT
INLETS 4-H

STA 345+55, 9.0' RT
MANHOLES 6-J
26.0

STA 345+85, 19.9' RT
INLETS 2x3-H
29.1

STA 347+21, 33.1' RT
MANHOLES 4-J
31.0

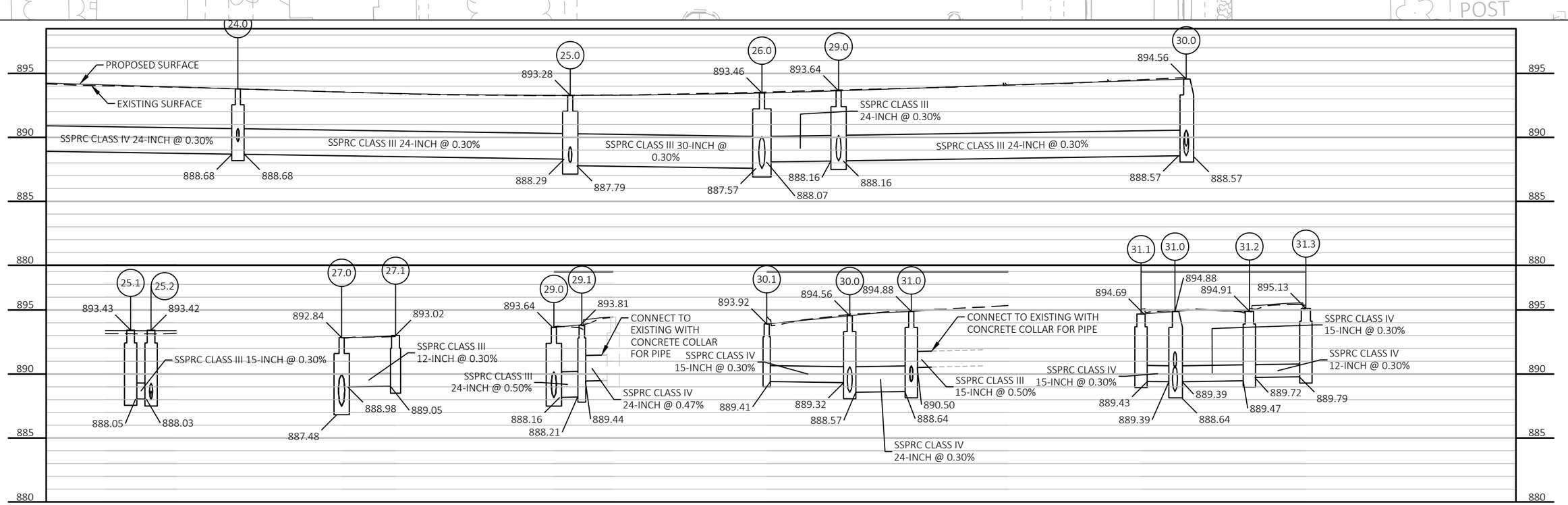
343+00
344+00
345+00
346+00
347+00
348+00
349+00

EP: 10+00.00
PI: 346+54.26

SACADEMY ST
CHURCH ST
USH 51

TIE IN TO EXISTING
TIE IN TO EXISTING
TIE IN TO EXISTING

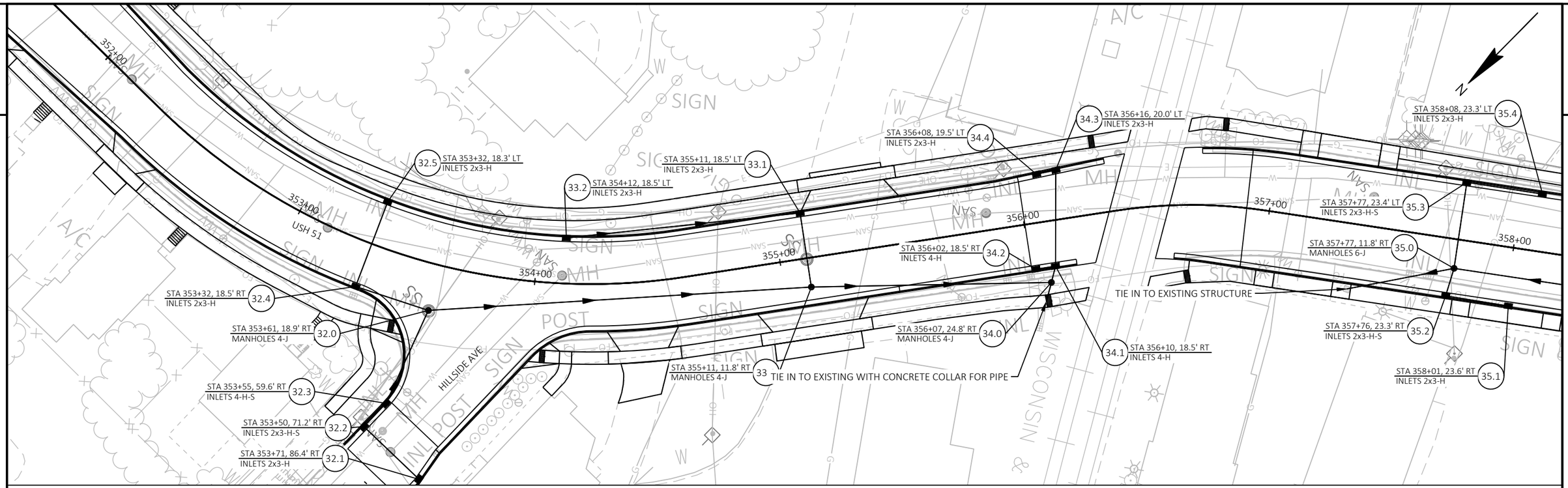
POOL
POST
A/C

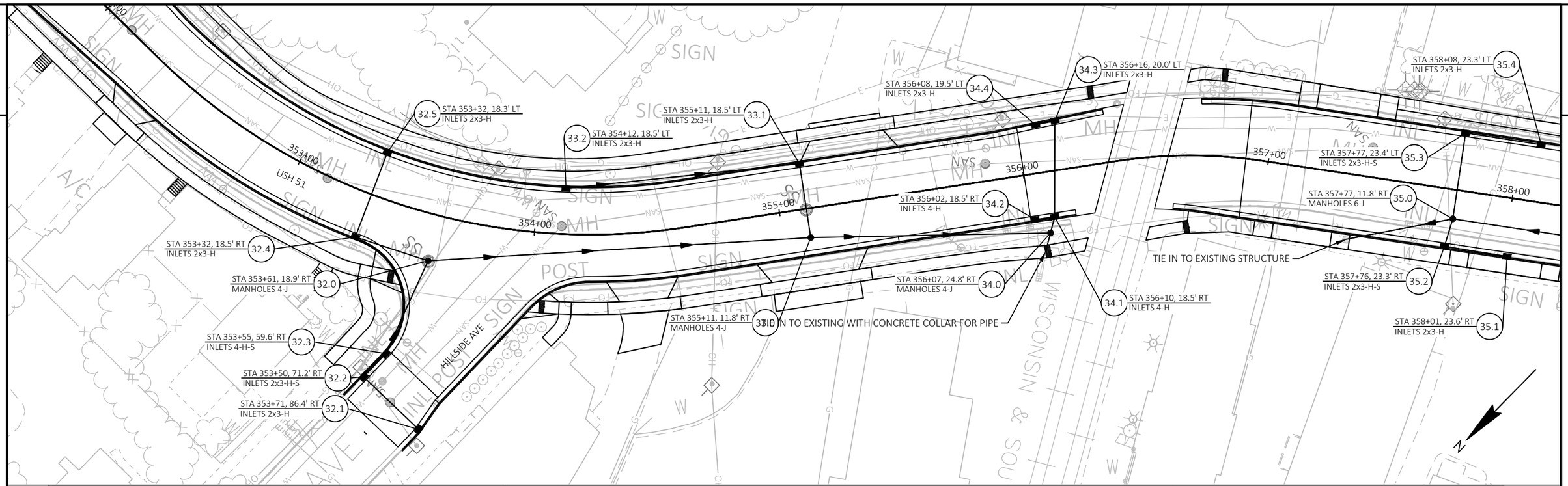


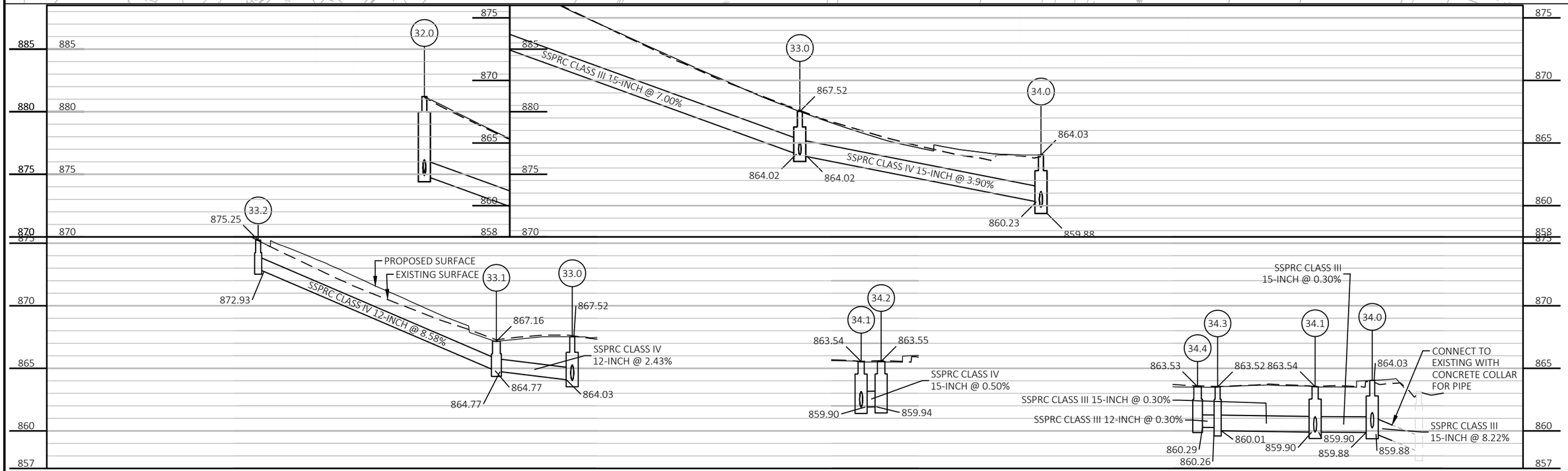
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER PLAN - ACADEMY	SHEET 115	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_ACADEMY.DWG
LAYOUT NAME - 11

PLOT DATE : 7/29/2024 11:54 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT


352+00
353+00
354+00
355+00
356+00
357+00
358+00
USH 51
HILLSIDE AVE
STA 353+32, 18.3' LT
INLETS 2x3-H
32.5
STA 354+12, 18.5' LT
INLETS 2x3-H
33.2
STA 355+11, 18.5' LT
INLETS 2x3-H
33.1
STA 356+08, 19.5' LT
INLETS 2x3-H
34.4
STA 356+16, 20.0' LT
INLETS 2x3-H
34.3
STA 358+08, 23.3' LT
INLETS 2x3-H
35.4
STA 357+77, 23.4' LT
INLETS 2x3-H-S
35.3
STA 357+77, 11.8' RT
MANHOLES 6-J
35.0
STA 353+32, 18.5' RT
INLETS 2x3-H
32.4
STA 353+61, 18.9' RT
MANHOLES 4-J
32.0
STA 353+55, 59.6' RT
INLETS 4-H-S
32.3
STA 353+50, 71.2' RT
INLETS 2x3-H-S
32.2
STA 353+71, 86.4' RT
INLETS 2x3-H
32.1
STA 356+02, 18.5' RT
INLETS 4-H
34.2
STA 356+07, 24.8' RT
MANHOLES 4-J
34.0
STA 356+10, 18.5' RT
INLETS 4-H
34.1
STA 355+11, 11.8' RT
MANHOLES 4-J
33
TIE IN TO EXISTING WITH CONCRETE COLLAR FOR PIPE
TIE IN TO EXISTING STRUCTURE
STA 357+76, 23.3' RT
INLETS 2x3-H-S
35.2
STA 358+01, 23.6' RT
INLETS 2x3-H
35.1
SSPRC CLASS III 15-INCH @ 7.00%
SSPRC CLASS IV 15-INCH @ 3.90%
PROPOSED SURFACE
EXISTING SURFACE
SSPRC CLASS IV
12-INCH @ 0.50%
SSPRC CLASS IV
15-INCH @ 0.50%
881.22
874.90
867.52
864.02
864.02
864.03
860.23
859.88
882.34
883.70
881.22
875.49
875.31
875.31
875.15
880.00
880.04
878.91
875.11
875.43
875.36
875.58

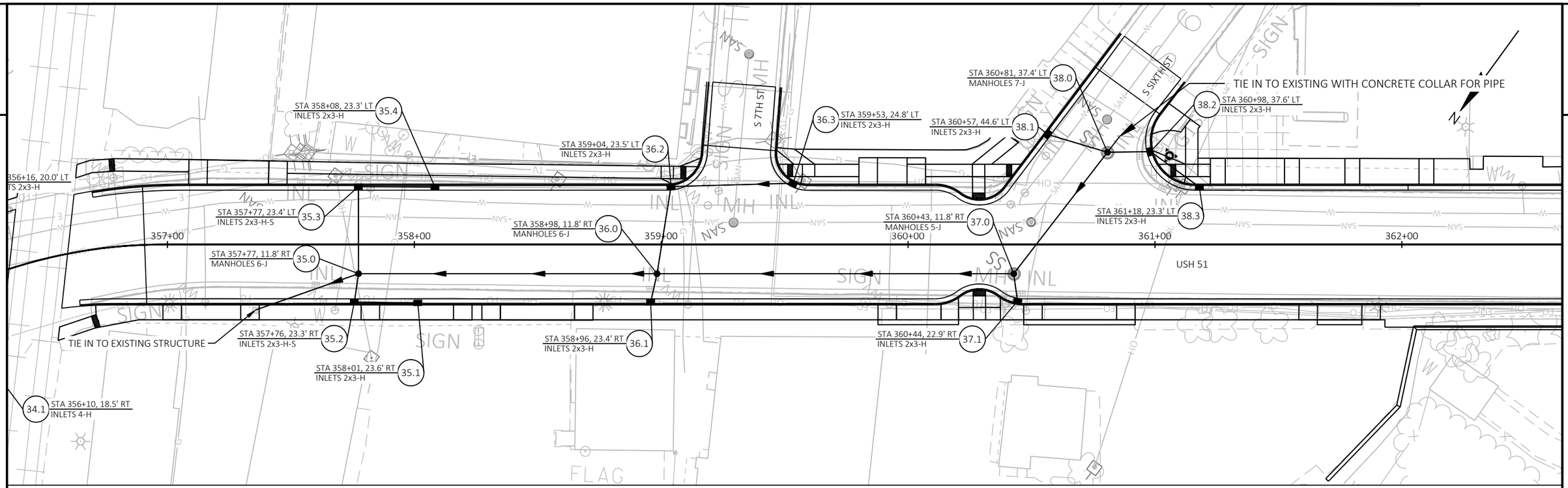


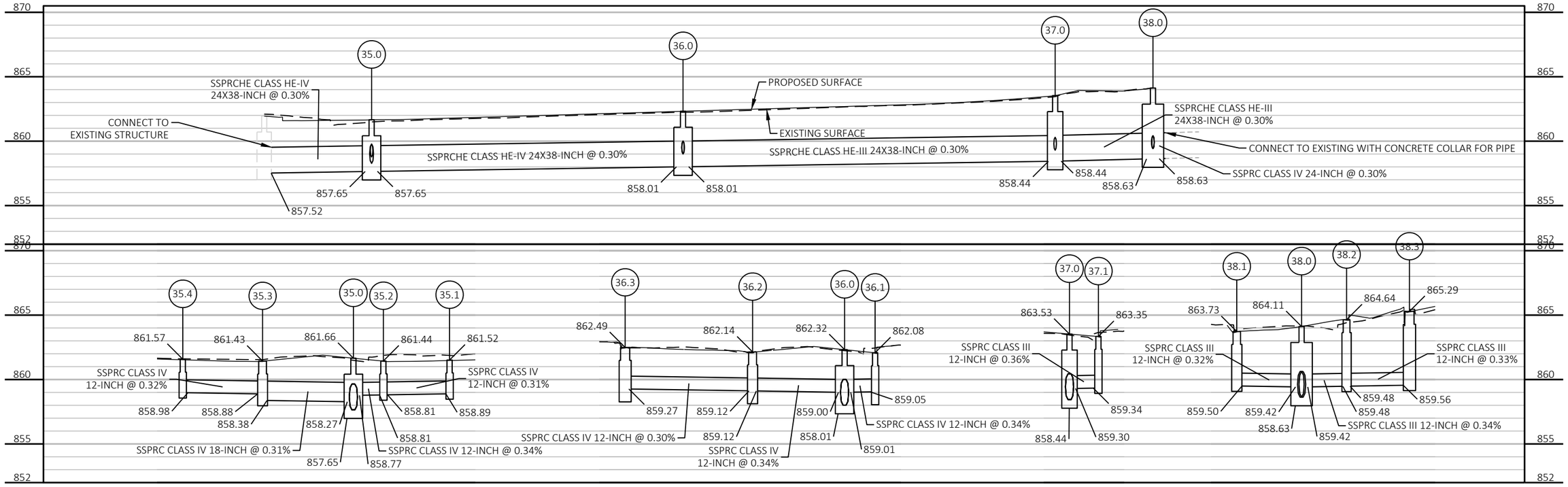


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 117	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_RR_NORTH_SOUTH.DWG
LAYOUT NAME - 13
PLOT DATE : 7/29/2024 11:55 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2





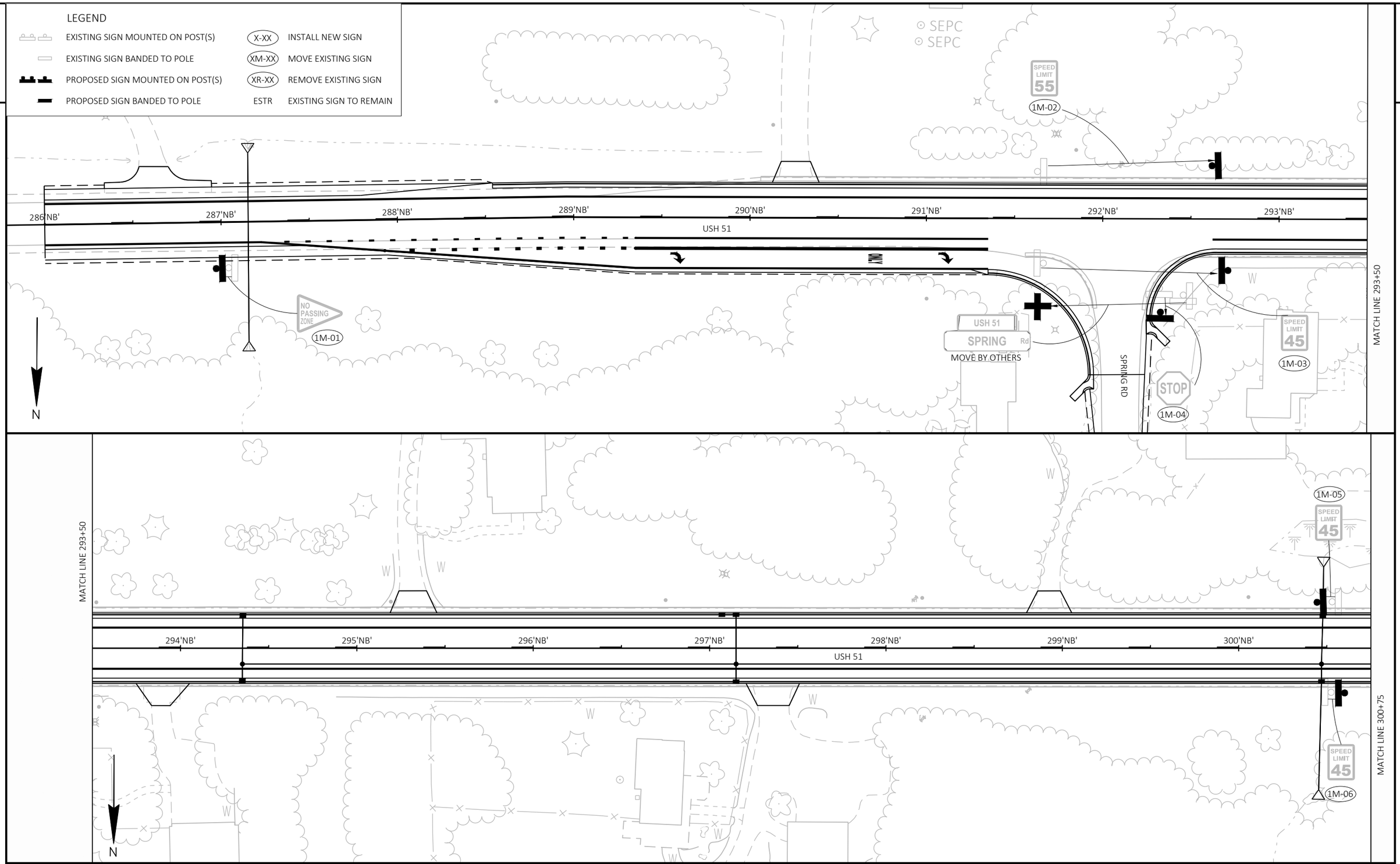
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET 118	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\DESIGN\PIPENETWORKS\STORMSEWER-PROPOSED_RR_NORTH_SOUTH.DWG
LAYOUT NAME - 14
PLOT DATE : 7/29/2024 11:55 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)		X-XX	INSTALL NEW SIGN
EXISTING SIGN BANDED TO POLE		XM-XX	MOVE EXISTING SIGN
PROPOSED SIGN MOUNTED ON POST(S)		XR-XX	REMOVE EXISTING SIGN
PROPOSED SIGN BANDED TO POLE		ESTR	EXISTING SIGN TO REMAIN



2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET 119	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023201-ps

PLOT DATE : 7/26/2024 3:10 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)	X-XX	INSTALL NEW SIGN
EXISTING SIGN BANDED TO POLE	XM-XX	MOVE EXISTING SIGN
PROPOSED SIGN MOUNTED ON POST(S)	XR-XX	REMOVE EXISTING SIGN
PROPOSED SIGN BANDED TO POLE	ESTR	EXISTING SIGN TO REMAIN

MATCH LINE 300+75

301'NB' 302'NB' 303'NB' 304'NB' 305'NB' 306'NB' 307'NB' 308'NB'

USH 51

2-01 NO PASSING ZONE W14-3 48"X36"

MOVE BY OTHERS RACE TRACK RD US 51

2M-02 STOP

RACE TRACK RD

MOVE BY OTHERS NO TUCKS 4 TON WEIGHT LIMIT WEIGHT LIMIT 4 TONS

2M-03 SPEED LIMIT 45

BIKE LANE ENDS R3-17 30"X24" R3-17BP 30"X12"

2-04 BIKE LANE AHEAD R3-17 30"X24" R3-17AP 30"X12"

2M-05 SPEED LIMIT 35

MOVE OFF ROW BY OTHERS FREE AND ACCEPTED MASONS

2R-06 NO ENGINE BREAKING EXECPT IN EMERGENCY

2M-07 SNOW EMERGENCY REGULATIONS

2R-08 ENGINE BRAKE MUFFLERS REQUIRED R10-64 36"X36"

MATCH LINE 308+25

N

SERC

MATCH LINE 308+25

2-10 R4-7 24"X30"

2-11 R4-7 24"X30"

2M-14 Edgerton 11 Janesville 22

2M-17 SPEED LIMIT 35

309'NB' 310'NB' 311'NB' 312'NB' 313'NB' 314'NB' 315'NB'

USH 51

2M-09 JCT COUNTY A JCT COUNTY N

HWY 51 Ashberry Ln MOVE BY OTHERS

ASHBERRY LN

2M-12 STOP

2M-13

2M-15 Lake Kegonsa State Park La Follette County Park

2M-16 Stoughton POPULATION 13,173

MOVE FROM STA 317+15

MATCH LINE 315+50

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET 120	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023202-ps

PLOT DATE : 7/26/2024 3:10 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

LEGEND

EXISTING SIGN MOUNTED ON POST(S)		X-XX	INSTALL NEW SIGN
EXISTING SIGN BANDED TO POLE		XM-XX	MOVE EXISTING SIGN
PROPOSED SIGN MOUNTED ON POST(S)		XR-XX	REMOVE EXISTING SIGN
PROPOSED SIGN BANDED TO POLE		ESTR	EXISTING SIGN TO REMAIN

2

MATCH LINE 315+50

MATCH LINE 322+50

USH 51

317'NB'

318'NB'

319'NB'

320'NB'

321'NB'

322'NB'

CTH A

CTH N

40'

55'

11'VTN'

12'VTN'

13'VTN'

3M-01 SOUTH 51

3M-02 ADOPT A HIGHWAY ATMUS FILTRATION TECHNOLOGIES

3M-03

3-04 BIKE LANE R3-17 30"X24"

3M-05 COUNTY A 51

3M-06 STOP

3M-07 NO PARKING BETWEEN SIGNS

3M-08 COUNTY N COUNTY A

3M-09 BIKE ROUTE NO PARKING BETWEEN SIGNS

MOVE BY OTHERS

E Main St

Veterans Rd

3M-11 STOP

3M-12 COUNTY N COUNTY A

3M-16 NORTH 51 COUNTY A

3M-20 H

3M-21 ROAD NARROWS

3M-22 SPEED LIMIT 35

3M-23 COUNTY N

3M-24 COUNTY A COUNTY N H

3M-25 STOP

Stoughton POPULATION 12,611

MOVE TO STA 315+50

3-15 BIKE LANE R3-17 30"X24"

3-17 51 COUNTY A J13-2 48"X45"

3-18 STOP

3R-19 51

PLAYGROUND

W

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET 121	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023203-ps

PLOT DATE : 7/26/2024 3:10 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)		X-XX	INSTALL NEW SIGN
EXISTING SIGN BANDED TO POLE		XM-XX	MOVE EXISTING SIGN
PROPOSED SIGN MOUNTED ON POST(S)		XR-XX	REMOVE EXISTING SIGN
PROPOSED SIGN BANDED TO POLE		ESTR	EXISTING SIGN TO REMAIN

MATCH LINE 322+50

SPEED LIMIT 35 — 4M-01

Lake Kegonsa State Park

JCT COUNTY N COUNTY A — 4M-02

4M-03

MOVE BY OTHERS: E Main St; Chalet Dr

4M-04

STOP

CHALET DR

SPEED LIMIT 35 — 4M-05

323'NB' 324'NB' 325'NB' 326'NB' 327'NB' 328'NB' 329'NB' 330

USH 51

4M-06

COMMUNITY WAYFINDING SIGN

NEIGHBORHOOD WATCH COMMUNITY — 4M-07

SPEED LIMIT 25

N

SPEED LIMIT 25 — YOUR SPEED 00 — 4M-08

AHEAD — FINES HIGHER — R2-6P 24"X18" — 4M-09

4-10

MATCH LINE 330+00

REMOVE BY OTHERS

4-12 BIKE LANE R3-17 30"X24"

4M-13 — R4-7 24"X30"

4M-14

CANOPY

WALLS

4-17 SPEED LIMIT 25 — R2-1 24"X30"

4-16 END SCHOOL ZONE — S5-2 24"X30"

4M-18

MOVE BY OTHERS: E Main St; S Henry St

STOP — 4M-18

S HENRY ST

NO PARKING THIS SIDE — 4M-33

MATCH LINE 330+00

331'NB' 332'NB' 333'NB' 334'NB' 335'NB' 336'NB' 337'NB'

USH 51

4R-29 — NO PARKING BETWEEN SIGNS — 4M-30 — RIVER TRAIL

4R-11 — NO PARKING HERE TO CORNER

R3-17 30"X24" BIKE LANE — 4-25

4M-28 — Wisconsin Fatality Communities Bronze

NO PARKING BETWEEN SIGNS — 4R-27

MOVE BY OTHERS: E Main St; Amundson Pkwy

AMUNDSON PWKY

STOP — RIVER TRAIL — 4M-31

4M-24

4M-26 — MOTOR INFORMATION AHEAD AT EXPO DEPOT

N HENRY ST

4M-21

SCHOOL SPEED LIMIT 15 — WHEN CHILDREN ARE PRESENT — SKAILES NURSING & REHABILITATION CENTER

RIVER TRAIL — 4M-21

MOVE BY OTHERS: E Main St; N Henry St

STOP — 4M-22

4M-20

MATCH LINE 337+25

N

REMOVE BY OTHERS

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET 122	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023204-ps

PLOT DATE : 7/26/2024 3:10 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 337+25

MATCH LINE 344+50

REMOVE BY OTHERS

MOVE BY OTHERS
E Main St
S Morris St
STOP
5M-03

MOVE BY OTHERS

5M-05
5M-06

5M-08

MOVE BY OTHERS
E Main St
S Franklin St
STOP
5M-09
5M-10

S FRANKLIN ST

MOVE BY OTHERS

5M-12
SPEED LIMIT 25

SOUTH 51 COUNTY A
5M-13

S MORRIS ST

338'NB' 339'NB' 340'NB' 341'NB' 342'NB' 343'NB' 344'NB'

USH 51

N MORRIS ST

N FRANKLIN ST

MOVE BY OTHERS
E Main St
N Franklin St
STOP
5M-15

H
5M-14

MOVE BY OTHERS
E Main St
N Morris St
STOP
5M-19

REMOVE BY OTHERS

5M-16

N

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)	X-XX	INSTALL NEW SIGN
	EXISTING SIGN BANDED TO POLE	XM-XX	MOVE EXISTING SIGN
	PROPOSED SIGN MOUNTED ON POST(S)	XR-XX	REMOVE EXISTING SIGN
	PROPOSED SIGN BANDED TO POLE	ESTR	EXISTING SIGN TO REMAIN

MOVE BY OTHERS
E Main St
S Academy St
STOP
5M-24

5-25
BIKE LANE
R3-17
30"X24"

S ACADEMY ST

5R-29
NO PARKING THIS SIDE
5M-26
5M-27

5M-28

5R-29
NO PARKING THIS SIDE

H
5M-30

5M-31
MOVE BY OTHERS
E Main St
S Lynn St
STOP

NO PARKING THIS SIDE
ESTR

S LYNN ST

5R-32
NO PARKING THIS SIDE
5M-33

NO PARKING THIS SIDE
ESTR
5M-34
5M-35
5M-36

346'NB' 347'NB' 348'NB' 349'NB' 350'NB'

USH 51

5R-54
NO PARKING FIRE TO CORNER

5-53
BIKE LANE
R3-17
30"X24"

RIVER TRAIL
5M-52

RIVER TRAIL
5M-51

5M-50

CHURCH ST

5R-48
NO PARKING ON THIS SIDE

SPEED LIMIT 25
R2-1
24"X30"
5-47

MOVE BY OTHERS
E Main St
Church St
STOP
5M-49

5M-45
NO PARKING THIS SIDE
5R-46

5M-44

N LYNN ST

5M-37
RIVER TRAIL
5M-38
5M-39
VISITOR INFORMATION AHEAD AT AMTRAK DEPOT
SPEED LIMIT 25
RIVER TRAIL
5M-40
5M-41

MOVE BY OTHERS
E Main St
N Lynn St
STOP
5M-43

END SCHOOL ZONE
S5-2
24"X30"
5-42

RIVER TRAIL

MATCH LINE 351+75

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET 123	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023205-ps

PLOT DATE : 7/26/2024 3:11 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

MATCH LINE 351+75

6R-01 NO PARKING THIS SIDE OF STREET

6-02 SPEED LIMIT 25 R2-1 24"X30"

6M-03 AHEAD FINES HIGHER R2-6P 24"X18"

6-04

6M-05 SKATEBOARD RIDING PROHIBITED ON MAIN STREET SIDEWALKS BETWEEN THE RAILROAD TRACKS AND PAGE STREET

352'NB'

353'NB'

354'NB'

355'NB'

356'NB'

R10-64 36"X36" ENGINE BRAKE MUFFLERS REQUIRED

6-23

NO ENGINE BREAKING EXEPT IN EMERGENCY

6R-22 TWO HOUR PARKING 7AM-5PM MON-FRI

USH 51

WELCOME TO STOUGHTON SHOPPING CITY HALL POLICE DEPT. LIBRARY OPERA HOUSE

6M-21

HILLSIDE AVE

6M-17

6R-18 TWO HOUR PARKING 7AM-5PM MON-FRI

6M-20

E Main St MOVE BY OTHERS Hillside Ave

STOP

SPEED LIMIT 25 R2-1 24"X30"

6-19

6-16 BIKE LANE R3-17 30"X24"

WISCONSIN & SOUTHERN RR

6-06 BIKE LANE R3-17 30"X24"

SOUTH 51 COUNTY A

6M-07

6-08 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

VISITORS INFO AT DR DEPOT

6M-09

6M-10

6R-11 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

357'NB'

358'NB'

359

6-15 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

6R-14 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

6R-13 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

6-12 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

MATCH LINE 359+00

LEGEND

	EXISTING SIGN MOUNTED ON POST(S)	X-XX	INSTALL NEW SIGN
	EXISTING SIGN BANDED TO POLE	XM-XX	MOVE EXISTING SIGN
	PROPOSED SIGN MOUNTED ON POST(S)	XR-XX	REMOVE EXISTING SIGN
	PROPOSED SIGN BANDED TO POLE	ESTR	EXISTING SIGN TO REMAIN

2

6M-24 E Main St MOVE BY OTHERS Seventh St STOP

S 7TH ST

6M-25

6M-26 E Main St MOVE BY OTHERS S Sixth St STOP

S 6TH ST

6M-27 WELCOME TO STOUGHTON P PUBLIC PARKING

6-28 SPEED LIMIT 25 R2-1 24"X30"

6-29 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

6M-30

6R-31 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

ESTR

REMOVE BY OTHERS

OR

MATCH LINE 359+00

360'NB'

361'NB'

362'NB'

363'NB'

364'NB'

365'NB'

USH 51

6M-38

6R-39 NO PARKING 3AM-7PM 2 HOUR PARKING 8AM-6PM

AHEAD

REMOVE BY OTHERS

E Main St MOVE BY OTHERS Fifth St

6M-36

FIFTH ST

STOP

6M-35

6M-34

6-42 SPEED LIMIT 25 R2-1 24"X30"

WELCOME TO STOUGHTON P PUBLIC PARKING

6M-41

NORTH 51 COUNTY A

6M-40

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET 124	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023201-PS.DWG
LAYOUT NAME - 023206-ps

PLOT DATE : 7/26/2024 3:11 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

CTH A

9+00

SS

INL

321+30 - 22' RT - LB101
LED B - 15 - 5 - 5 - A

USH 51

CAUTION

322+79 - 22' RT - LB102
LED B - 15 - 5 - 5 - B

324+40 - 23' RT - LB103
LED B - 15 - 5 - 5 - A

CAUTION

INL

CAUTION

N

CTH N

11+00

LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINETS 120/240 24-INCH
- PULL BOX 24X42-INCH (UNLESS OTHERWISE NOTED)
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 (2-INCH UNLESS OTHERWISE NOTED)
- LIGHT POLE, POLE TOP LUMINAIRE
- LIGHT POLE, ARM MOUNTED LUMINAIRE

321+30 - 22' RT - LB101
LED B - 15 - 5 - 5 - A

- LUMINAIRE TYPE
- MAST ARM LENGTH (FT)
- BASE TYPE
- POLE TYPE
- CIRCUIT

CHALET DR

9+00

N

MATCH LINE 326+00

+00

327+00

328+00

USH 51

329+00

330+00

331+00

332+00

MATCH LINE 332+50

328+00 - 23' RT - LB105
LED B - 15 - 5 - 5 - A

329+75 - 23' RT - LB106
LED B - 15 - 5 - 5 - B

331+50 - 26' RT - LB107
LED B - 15 - 5 - 5 - A

CAUTION

CAUTION

CAUTION

326+20 - 23' RT - LB104
LED B - 15 - 5 - 5 - B

331+69 - 27' RT - PB101

INL INL

SS

SS

AMUNDSON PKWY

11+00

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	LIGHTING PLAN	SHEET 125	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023601-LP.DWG
LAYOUT NAME - 023601-lp

PLOT DATE : 7/12/2024 10:33 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

2

MATCH LINE 332+50

MATCH LINE 339+75

333+00 334+00 335+00 336+00 337+00 338+00 339+00

S HENRY ST 9+00

S MORRIS ST 9+00

N HENRY ST 11+00

N MORRIS ST 11+00

USH 51

PB-103

CAUTION

CAUTION

CAUTION

CAUTION

333+00 - 23' RT - LB108
LED B - 15 - 5 - 5 - B

334+50 - 23' RT - LB109
LED B - 15 - 5 - 5 - A

332+71 - 24' RT - PB102

335+16 - 23' RT - PB103

336+00 - 23' RT - LB110
LED B - 15 - 5 - 5 - B

335+97 - 26' RT - PB104

337+75 - 23' RT - LB111
LED B - 15 - 5 - 5 - A

338+47 - 25' RT - PB105
LIGHTING CABINET
10+51 - 22' RT

339+35 - 26' RT - PB106

339+50 - 26' RT - LB112
LED B - 15 - 5 - 5 - C

N

LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINETS 120/240 24-INCH
- PULL BOX 24X42-INCH (UNLESS OTHERWISE NOTED)
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 (2-INCH UNLESS OTHERWISE NOTED)
- LIGHT POLE, POLE TOP LUMINAIRE
- LIGHT POLE, ARM MOUNTED LUMINAIRE

321+30 - 22' RT - LB101
LED B - 15 - 5 - 5 - A

LUMINAIRE TYPE
MAST ARM LENGTH (FT)
BASE TYPE
POLE TYPE
CIRCUIT

MATCH LINE 339+75

MATCH LINE 346+25

340+00 341+00 342+00 343+00 344+00 345+00 346+00

S FRANKLIN ST 9+00

S ACADEMY ST

N FRANKLIN ST 11+00

USH 51

LB-115

CAUTION

CAUTION

CAUTION

341+25 - 23' RT - LB113
LED B - 15 - 5 - 5 - D

341+71 - 23' RT - PB107

342+57 - 24' RT - PB108

343+00 - 23' RT - LB114
LED B - 15 - 5 - 5 - C

344+75 - 23' RT - LB115
LED B - 15 - 5 - 5 - D

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	LIGHTING PLAN	SHEET 126	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023601-LP.DWG
LAYOUT NAME - 023602-lp

PLOT DATE : 7/12/2024 10:33 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44

2

2

MATCH LINE 346+25

MATCH LINE 353+50

MATCH LINE 353+50

MATCH LINE 360+00

N

S LYNN ST

N LYNN ST

CHURCH ST

HILLSIDE AVENUE

HILLSIDE AVE

S 7TH ST

USH 51

WISCONSIN & SOUTHERN

347+00

348+00

349+00

350+00

351+00

352+00

353+00

354+00

355+00

356+00

357+00

358+00

359+00

360

9+00

11+00

1+00

CAUTION

SS

LB-121

LB-122

PB-111

PB-112

PB-114

346+90 - 26' RT - PB109

346+50 - 26' RT - LB116
LED B - 15 - 5 - 5 - C

347+78 - 26' RT - PB110

348+00 - 27' RT - LB117
LED B - 15 - 5 - 5 - D

349+60 - 27' RT - LB118
LED B - 15 - 5 - 5 - C

350+37 - 36' RT - PB111

350+87 - 36' RT - PB112

351+09 - 26' RT - LB119
LED B - 15 - 5 - 5 - D

352+65 - 23' RT - LB120
LED B - 15 - 5 - 5 - C

353+34 - 26' RT - PB113

354+23 - 23' RT - LB121
LED B - 15 - 5 - 5 - D

354+19 - 24' RT - PB114

355+80 - 23' RT - LB122
LED B - 15 - 5 - 5 - C

356+97 - 26' LT - LB222
DECORATIVE - CIRCUIT B

357+62 - 26' LT - LB221
DECORATIVE - CIRCUIT A

358+27 - 26' LT - LB220
DECORATIVE - CIRCUIT B

358+92 - 26' LT - LB219
DECORATIVE - CIRCUIT A

359+12 - 33' LT - PB205

359+60 - 26' LT - LB218
DECORATIVE - CIRCUIT B

359+63 - 27' LT - PB204

359+50 - 26' RT - LB205
DECORATIVE - CIRCUIT A

356+97 - 26' RT - LB201
DECORATIVE - CIRCUIT A

357+62 - 26' RT - LB202
DECORATIVE - CIRCUIT B

358+25 - 26' RT - LB203
DECORATIVE - CIRCUIT A

358+88 - 26' RT - LB204
DECORATIVE - CIRCUIT B

LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINETS 120/240 24-INCH
- PULL BOX 24X42-INCH (UNLESS OTHERWISE NOTED)
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 (2-INCH UNLESS OTHERWISE NOTED)
- LIGHT POLE, POLE TOP LUMINAIRE
- LIGHT POLE, ARM MOUNTED LUMINAIRE

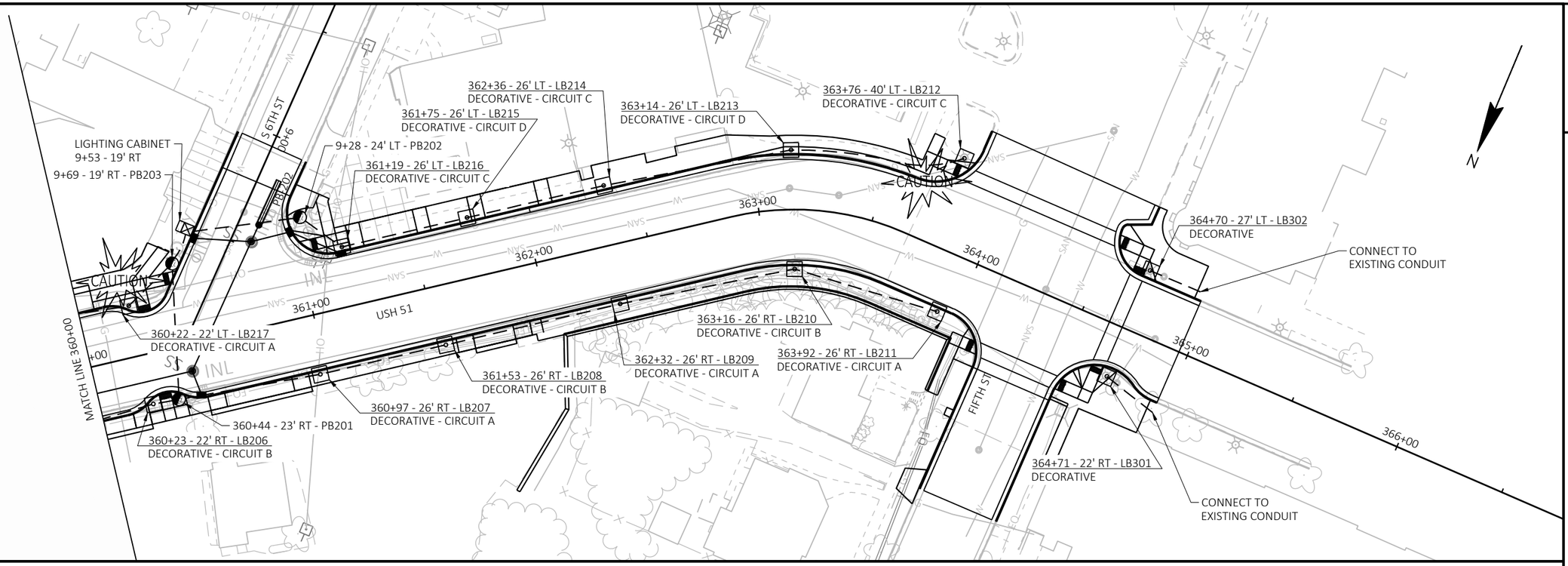
321+30 - 22' RT - LB101
LED B - 15 - 5 - 5 - A

- LUMINAIRE TYPE
- MAST ARM LENGTH (FT)
- CIRCUIT
- POLE TYPE
- BASE TYPE

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	LIGHTING PLAN	SHEET 127 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\023601-LP.DWG
LAYOUT NAME - 023603-lp

PLOT DATE : 7/12/2024 10:33 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT



LIGHTING PLAN LEGEND

- LIGHTING CONTROL CABINETS 120/240 24-INCH
- PULL BOX 24X42-INCH (UNLESS OTHERWISE NOTED)
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 (2-INCH UNLESS OTHERWISE NOTED)
- LIGHT POLE, POLE TOP LUMINAIRE
- LIGHT POLE, ARM MOUNTED LUMINAIRE

321+30 - 22' RT - LB101
LED B - 15 - 5 - 5 - A

- LED B: LUMINAIRE TYPE
- 15: MAST ARM LENGTH (FT)
- 5: BASE TYPE
- 5: POLE TYPE
- A: CIRCUIT

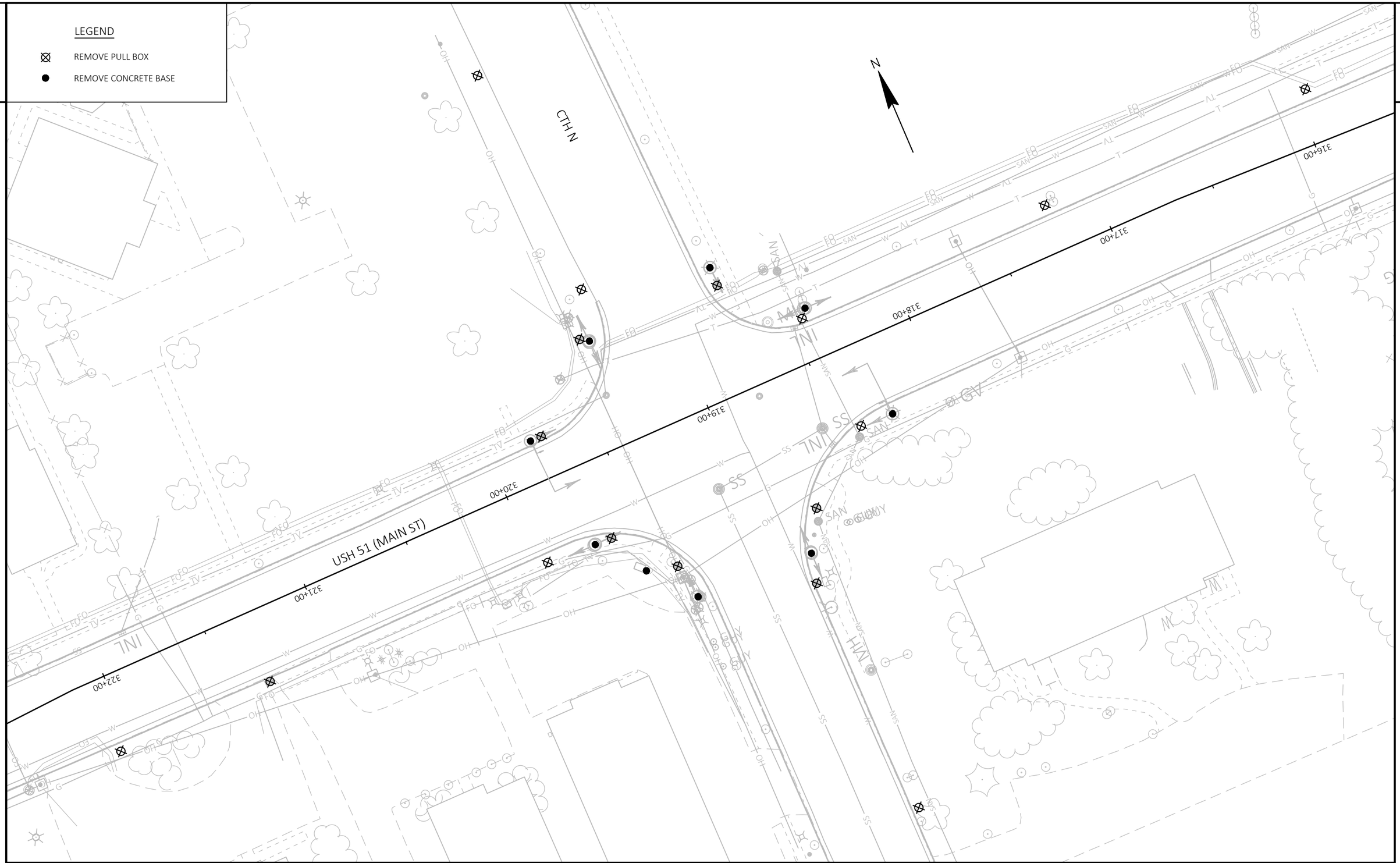
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	LIGHTING PLAN	SHEET 128	E

2

LEGEND

REMOVE PULL BOX

REMOVE CONCRETE BASE



2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC SIGNAL REMOVAL - USH 51 & CTH N	SHEET 129	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - 024001-sr

PLOT DATE : 7/11/2024 2:39 PM PLOT BY : JIM PAVELSKI PLOT NAME : PLOT SCALE : 1 IN:40 FT

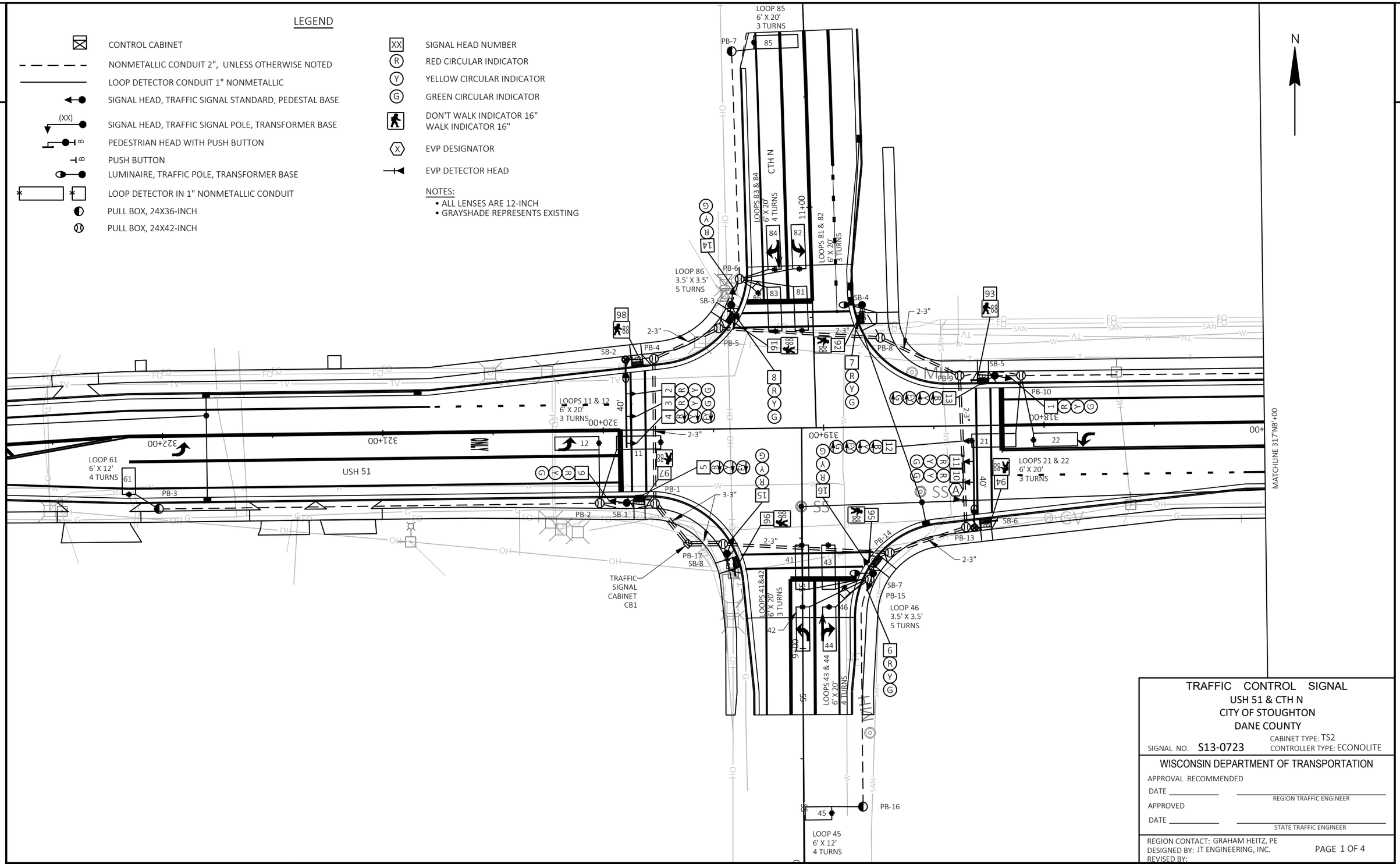
WISDOT/CADDS SHEET 42

2

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24X36-INCH
- PULL BOX, 24X42-INCH
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- DON'T WALK INDICATOR 16"
  WALK INDICATOR 16"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

NOTES:
- ALL LENSES ARE 12-INCH
- GRAYSHADE REPRESENTS EXISTING



TRAFFIC CONTROL SIGNAL
USH 51 & CTH N
CITY OF STOUGHTON
DANE COUNTY

SIGNAL NO. S13-0723
CABINET TYPE: TS2
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE _____ REGION TRAFFIC ENGINEER
APPROVED
DATE _____ STATE TRAFFIC ENGINEER

REGION CONTACT: GRAHAM HEITZ, PE
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PAGE 1 OF 4

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC SIGNAL PLAN	SHEET 130	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024201-sp
PLOT DATE : 7/12/2024 10:43 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

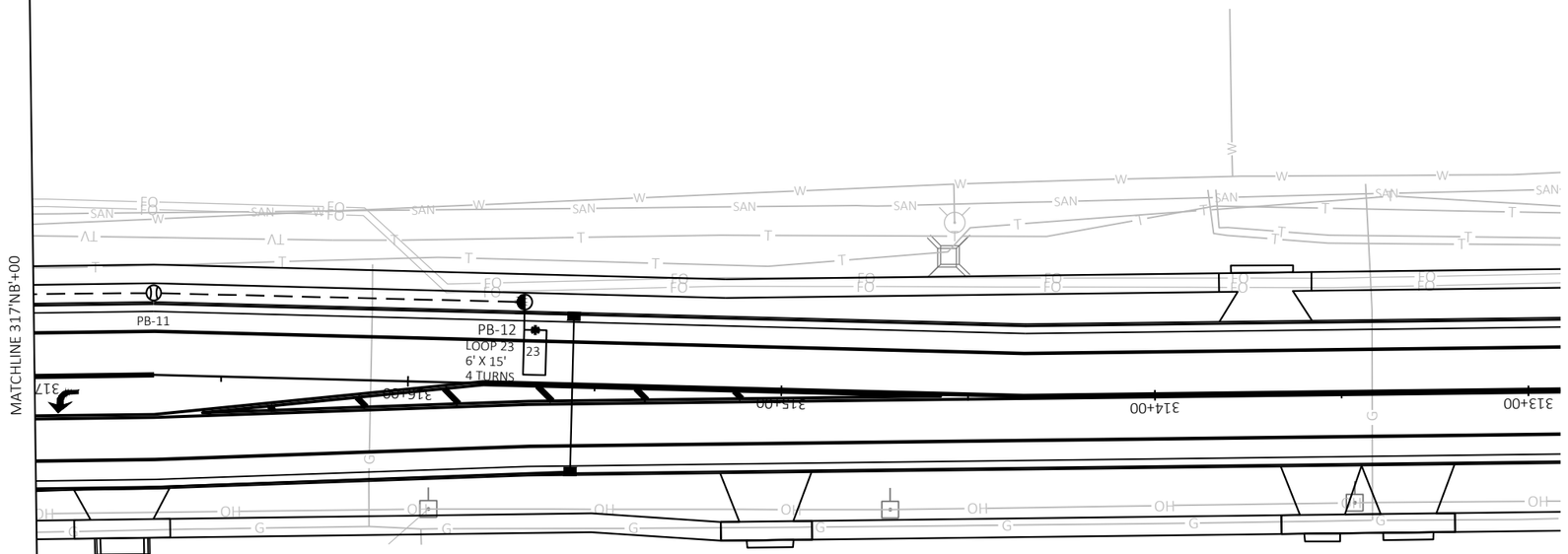
2

2

N

LEGEND

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24X36-INCH
- PULL BOX, 24X42-INCH



TRAFFIC CONTROL SIGNAL
USH 51 & CTH N
CITY OF STOUGHTON
DANE COUNTY

SIGNAL NO. S13-0723

REGION CONTACT: GRAHAM HEITZ, PE
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PAGE 2 OF 4

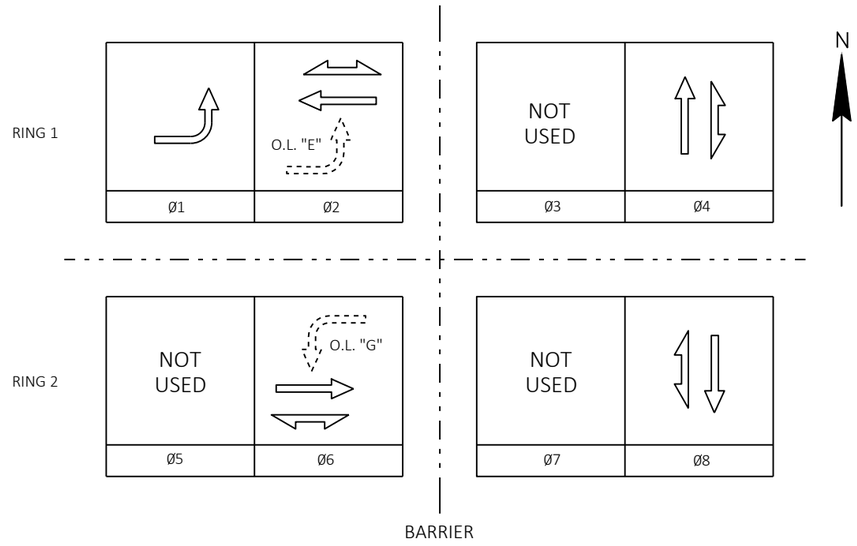
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC SIGNAL PLAN	SHEET 131	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024202-sp

PLOT DATE : 7/12/2024 10:43 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	12,13	R
Ø2	1,2,3	R
Ø3		
Ø4	6,7,8	R
Ø5		
Ø6	9,10,11	R
Ø7		
Ø8	14,15,16	R
Ø2 PED	91,92	
Ø4 PED	93,94	
Ø6 PED	95-96	
Ø8 PED	97-98	
O.L. "E"	12,13	R
O.L. "G"	4,5	R



CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W/Ø	PHASE RECALL	PHASE ACTIVE
1	X	6		X
2	X	6	MIN	X
3				
4	X	8		X
5				
6	X	2	MIN	X
7				
8	X	4		X

EMERGENCY VEHICLE PREEEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	6+1			

AFTER PREEMPTION SEQUENCE 6+1, CONTROLLER SHALL RETURN TO PHASES 4+8

TYPE OF INTERCONNECT	
NONE	X
TBC	
CLOSED LOOP TWISTED PAIR	
CLOSED LOOP FIBER OPTIC	
RADIO	

TYPE OF REMOTE COMMUNICATION	
NONE	X
FIBER	
CELL MODEM	
PHONE	

TYPE OF LIGHTING	
BY OTHER AGENCY	X
* IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

*WISDOT OWNS AND OPERATES THE LIGHTING UNITS ON THE SIGNAL MAST ARMS

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	X
GTT	X
TOMAR	
HARDWIRE	
OTHER	
LIFT BRIDGE	
QUEUE DETECTOR	

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
DETECTOR #(S)	11	21	23	41	43	61	63	
PHASE CALLED	1	2	2	4	4	6	6	
PHASE EXTENDED	1	2	2	4	4	6	6	
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH								
LOOP FUNCTION								

DETECTOR INPUT	19	17	23	21	27	25	31	29
DETECTOR #(S)	81							
PHASE CALLED	8							
PHASE EXTENDED	8							
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH								
LOOP FUNCTION								

DETECTOR INPUT	4	2	8	6	12	10	16	14
DETECTOR #(S)	12	22		42		62		
PHASE CALLED	1	2		4		6		
PHASE EXTENDED	1	2		4		6		
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH								
LOOP FUNCTION								

DETECTOR INPUT	20	18	24	22	28	26	32	30
DETECTOR #(S)	82							
PHASE CALLED	8							
PHASE EXTENDED	8							
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH								
LOOP FUNCTION								

GENERAL NOTES:

1. PROVIDE FOR HAND OPERATED CONTROL.

TRAFFIC CONTROL SIGNAL
USH 51 & CTH N
CITY OF STOUGHTON
DANE COUNTY

SIGNAL NO. S13-0723

REGION CONTACT: GRAHAM HEITZ, PE
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PAGE 3 OF 4

CABLE ROUTING DETAIL

CABINET TO	AWG 14 # OF CONDUCTORS	HEAD NO.	SIGNAL INDICATION WIRE COLOR									
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING YELLOW>	DON'T WALK	WALK	PEDESTRIAN BUTTON
SB-1	12	9	RED	ORG	GRN							
		5				RED W/BLK	ORG W/BLK		BLU W/BLK			
		97								BLK	BLU	WHT W/BLK
SB-2	12	2 & 3	RED	ORG	GRN							
		4				RED W/BLK	ORG W/BLK		BLU W/BLK			
		98								BLK	BLU	WHT W/BLK
SB-3	12	8	RED	ORG	GRN							
		14	RED W/BLK	ORG W/BLK	GRN W/BLK							
		91								BLK	BLU	WHT W/BLK
SB-4	12	7	RED	ORG	GRN							
		92								BLK	BLU	WHT W/BLK
SB-5	12	1	RED	ORG	GRN							
		13				RED W/BLK	ORG W/BLK	GRN W/BLK	BLU W/BLK			
		93								BLK	BLU	WHT W/BLK
SB-6	12	10 & 11	RED	ORG	GRN							
		12				RED W/BLK	ORG W/BLK	GRN W/BLK	BLU W/BLK			
		94								BLK	BLU	WHT W/BLK
SB-7	12	6	RED	ORG	GRN							
		16	RED W/BLK	ORG W/BLK	GRN W/BLK							
		95								BLK	BLU	WHT W/BLK
SB-8	12	15	RED	ORG	GRN							
		96								BLK	BLU	WHT W/BLK

SIGNAL WIRE CODING	BLK - BLACK	RED - RED	GRN - GREEN	WHT - WHITE	BLU - BLUE	ORG - ORANGE

EQUIPMENT GROUNDING CONDUCTOR 10 AWG GREEN XLP	
FROM	TO
CABINET	SB-1
SB-1	SB-2
SB-2	SB-3
SB-3	SB-4
SB-4	SB-5
SB-5	SB-6
SB-6	SB-7
SB-7	SB-8
SB-8	CABINET

LIGHTING UF # 12 W/GROUND	
FROM	TO
CABINET	SB-2
CABINET	SB-4
CABINET	SB-6
CABINET	SB-8

EVP CABLE		
DETECTOR	FROM	TO
A	CABINET	SB-6

PEDESTRIAN BUTTON CABLE ROUTING		
FROM	TO	PHASE
CABINET	SB-3	2
SB-3	SB-4	
CABINET	SB-6	4
SB-6	SB-5	
CABINET	SB-8	6
SB-8	SB-7	
CABINET	SB-1	8
SB-1	SB-2	

GENERAL NOTES:

1. TRAFFIC SIGNAL CABLE WHITE WIRE SHALL BE USED AS THE GROUNDED CONDUCTOR.

TRAFFIC CONTROL SIGNAL
USH 51 & CTH N
CITY OF STOUGHTON
DANE COUNTY

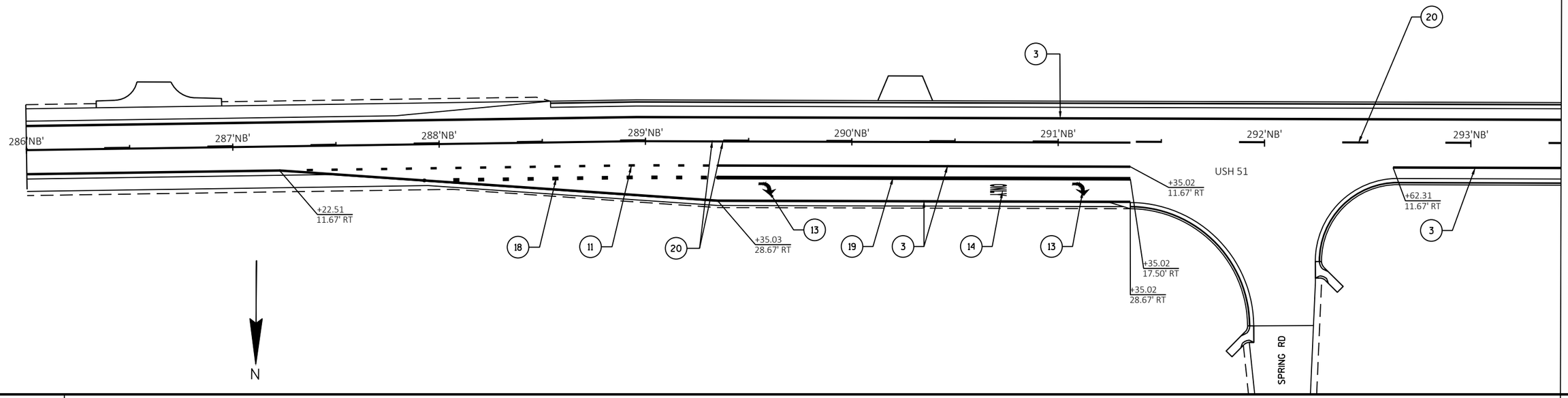
SIGNAL NO. S13-0723

REGION CONTACT: GRAHAM HEITZ, PE
DESIGNED BY: JT ENGINEERING, INC.
REVISED BY:

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CABLE ROUTING CHART	SHEET 133	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024401-cr
PLOT DATE : 7/12/2024 10:43 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

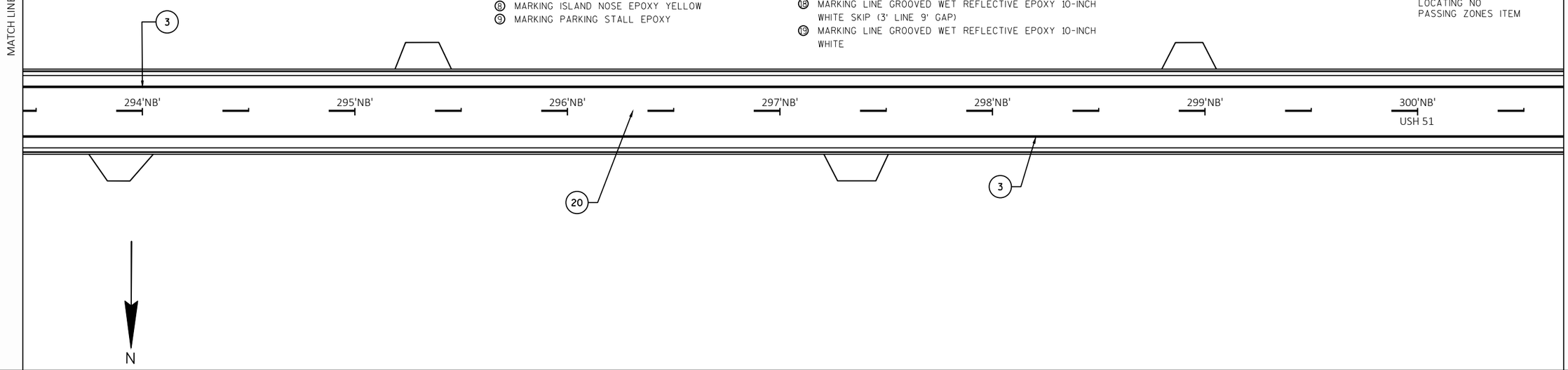


LEGEND

1. MARKING LINE EPOXY 6-INCH YELLOW
2. MARKING LINE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
4. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE
5. MARKING STOP LINE EPOXY 18-INCH WHITE
6. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
7. MARKING CURB EPOXY YELLOW
8. MARKING ISLAND NOSE EPOXY YELLOW
9. MARKING PARKING STALL EPOXY
10. MARKING LINE EPOXY 10-INCH WHITE
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
12. MARKING DIAGONAL EPOXY 12-INCH (25' C-C) (YELLOW)
13. MARKING ARROW EPOXY WHITE
14. MARKING WORD EPOXY WHITE
15. MARKING SYMBOL EPOXY
16. MARKING RAILROAD CROSSING EPOXY WHITE
17. MARKING LINE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
18. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE 9' GAP)
19. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
20. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)

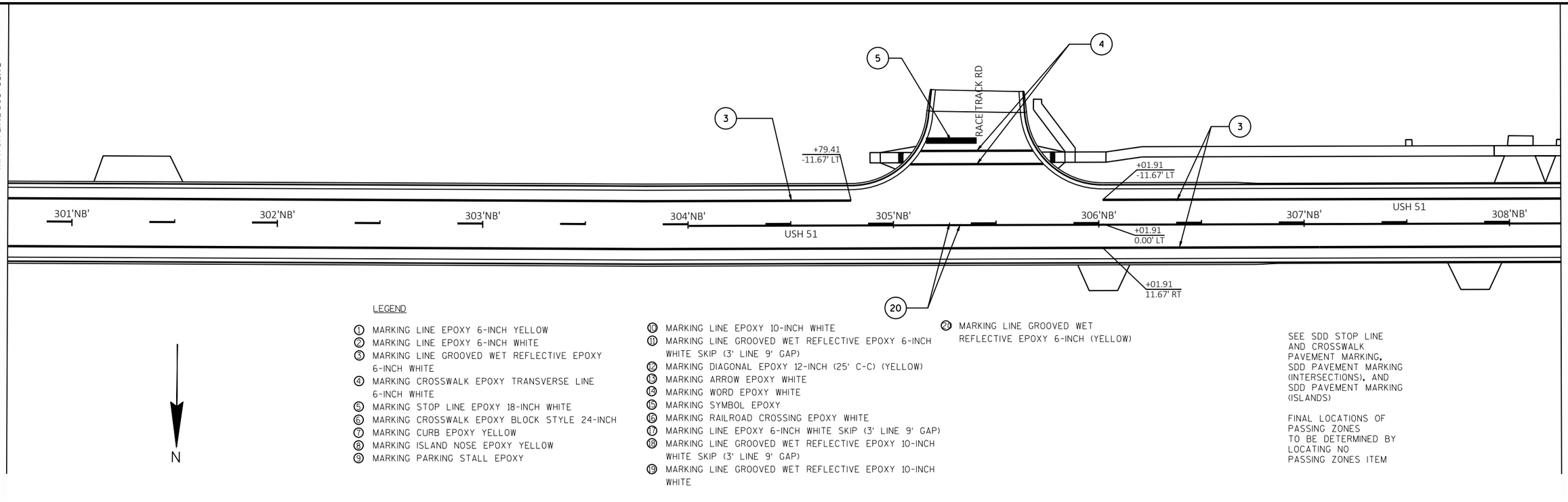
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING, SDD PAVEMENT MARKING (INTERSECTIONS), AND SDD PAVEMENT MARKING (ISLANDS)

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



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET 134	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501-pm
PLOT DATE : 7/26/2024 3:15 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

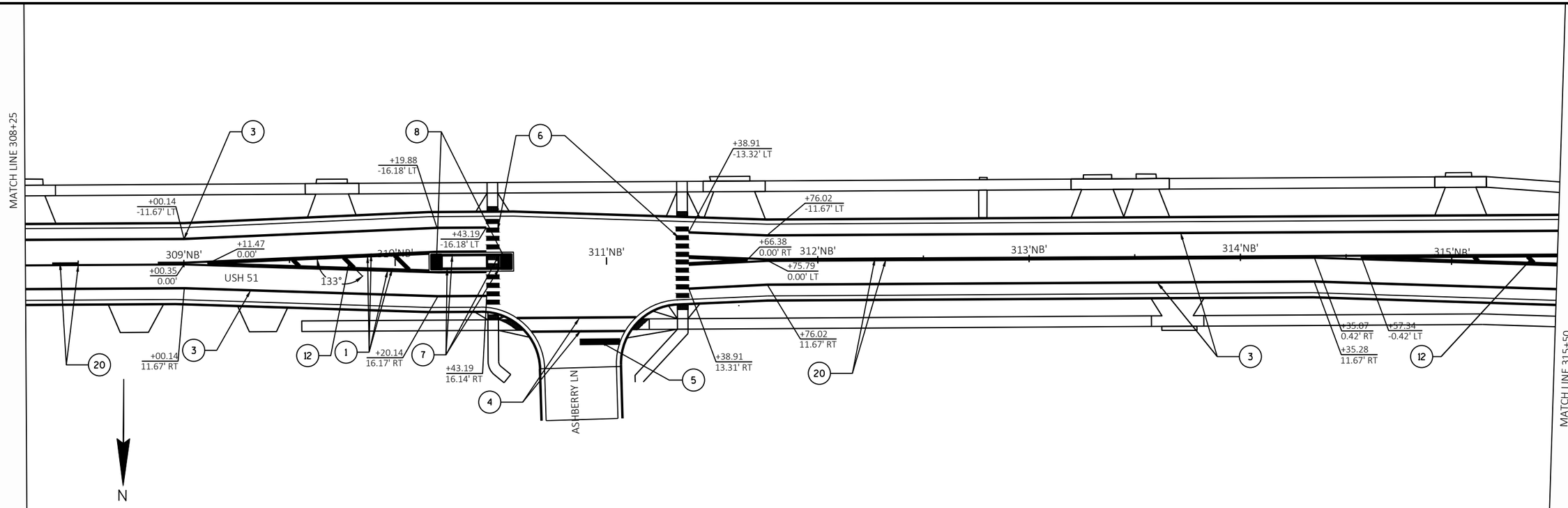


LEGEND

1. MARKING LINE EPOXY 6-INCH YELLOW
2. MARKING LINE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
4. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE
5. MARKING STOP LINE EPOXY 18-INCH WHITE
6. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
7. MARKING CURB EPOXY YELLOW
8. MARKING ISLAND NOSE EPOXY YELLOW
9. MARKING PARKING STALL EPOXY
10. MARKING LINE EPOXY 10-INCH WHITE
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
12. MARKING DIAGONAL EPOXY 12-INCH (25' C-C) (YELLOW)
13. MARKING ARROW EPOXY WHITE
14. MARKING WORD EPOXY WHITE
15. MARKING SYMBOL EPOXY
16. MARKING RAILROAD CROSSING EPOXY WHITE
17. MARKING LINE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
18. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE 9' GAP)
19. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
20. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)

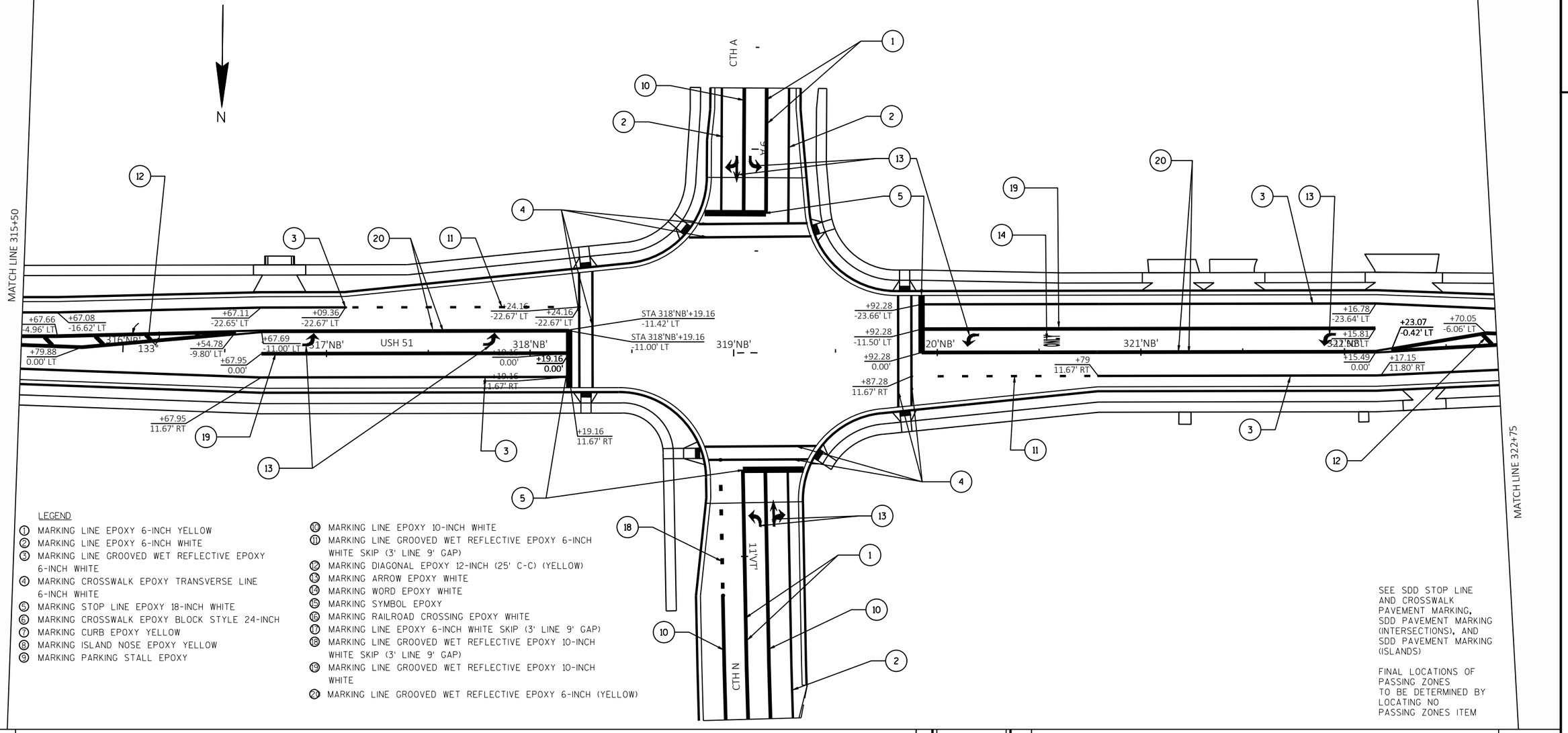
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING, SDD PAVEMENT MARKING (INTERSECTIONS), AND SDD PAVEMENT MARKING (ISLANDS)

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



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET 135	E

2

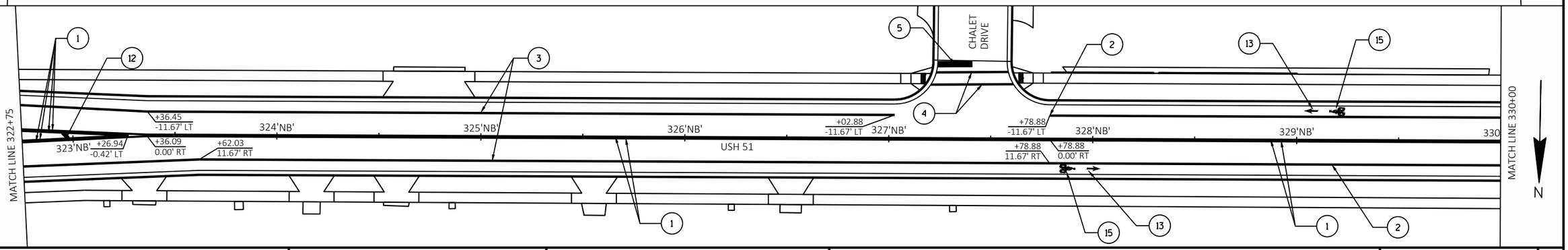


LEGEND

1. MARKING LINE EPOXY 6-INCH YELLOW
2. MARKING LINE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
4. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE
5. MARKING STOP LINE EPOXY 18-INCH WHITE
6. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
7. MARKING CURB EPOXY YELLOW
8. MARKING ISLAND NOSE EPOXY YELLOW
9. MARKING PARKING STALL EPOXY
10. MARKING LINE EPOXY 10-INCH WHITE
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
12. MARKING DIAGONAL EPOXY 12-INCH (25' C-C) (YELLOW)
13. MARKING ARROW EPOXY WHITE
14. MARKING WORD EPOXY WHITE
15. MARKING SYMBOL EPOXY
16. MARKING RAILROAD CROSSING EPOXY WHITE
17. MARKING LINE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
18. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE 9' GAP)
19. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE
20. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH (YELLOW)

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

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



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET 136	E

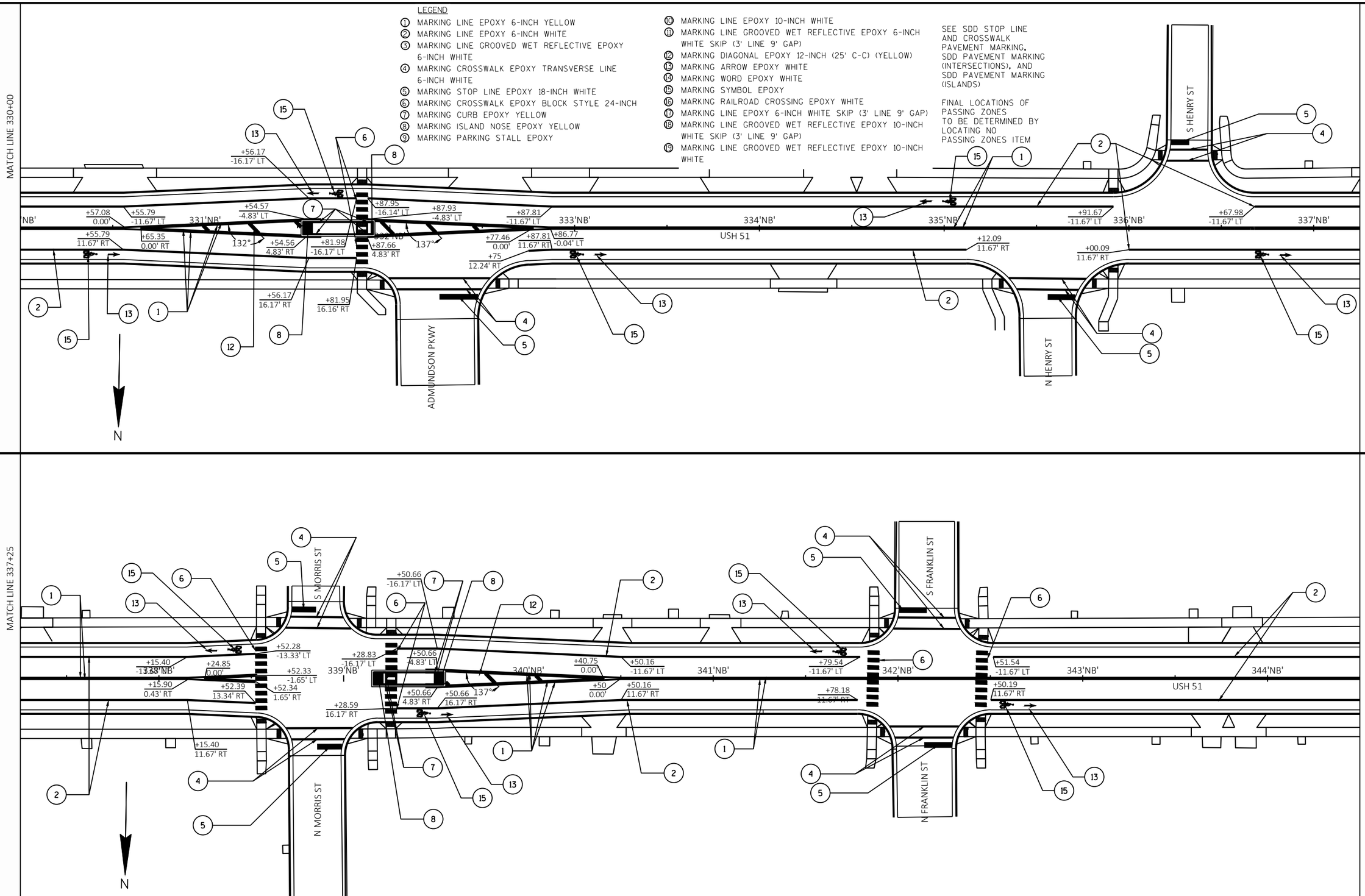
2

LEGEND

1. MARKING LINE EPOXY 6-INCH YELLOW
2. MARKING LINE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
4. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE
5. MARKING STOP LINE EPOXY 18-INCH WHITE
6. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
7. MARKING CURB EPOXY YELLOW
8. MARKING ISLAND NOSE EPOXY YELLOW
9. MARKING PARKING STALL EPOXY
10. MARKING LINE EPOXY 10-INCH WHITE
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
12. MARKING DIAGONAL EPOXY 12-INCH (25' C-C) (YELLOW)
13. MARKING ARROW EPOXY WHITE
14. MARKING WORD EPOXY WHITE
15. MARKING SYMBOL EPOXY
16. MARKING RAILROAD CROSSING EPOXY WHITE
17. MARKING LINE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
18. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE 9' GAP)
19. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE

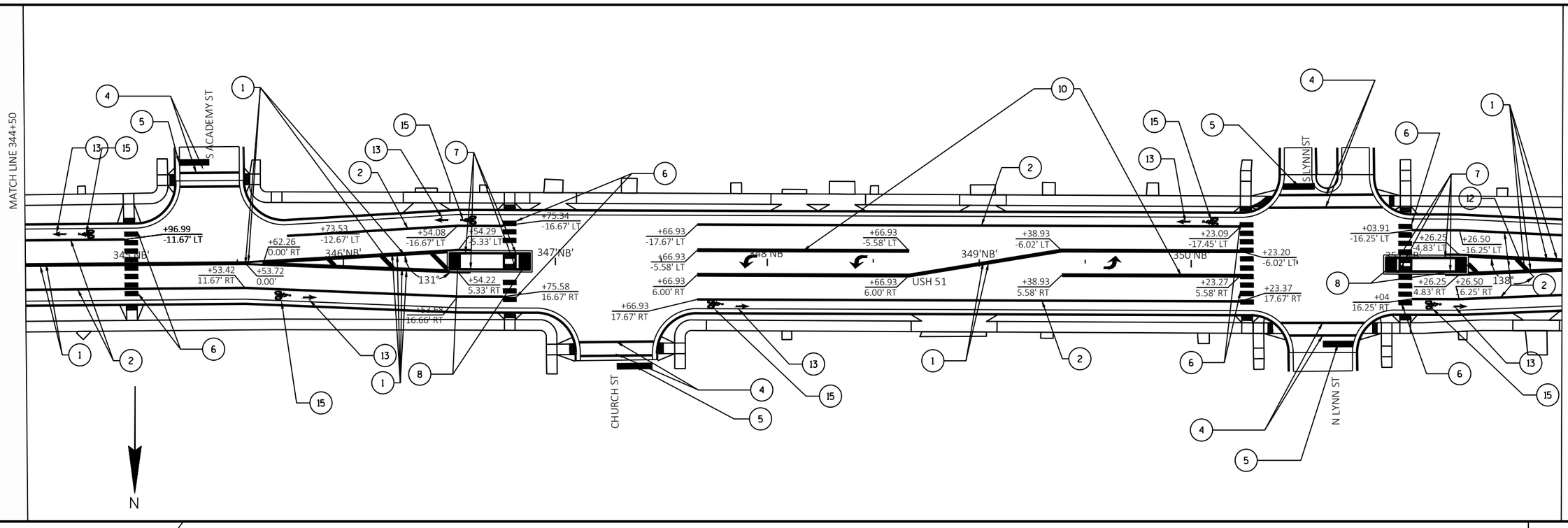
SEE SDD STOP LINE AND CROSSWALK PAVEMENT MARKING, SDD PAVEMENT MARKING (INTERSECTIONS), AND SDD PAVEMENT MARKING (ISLANDS)

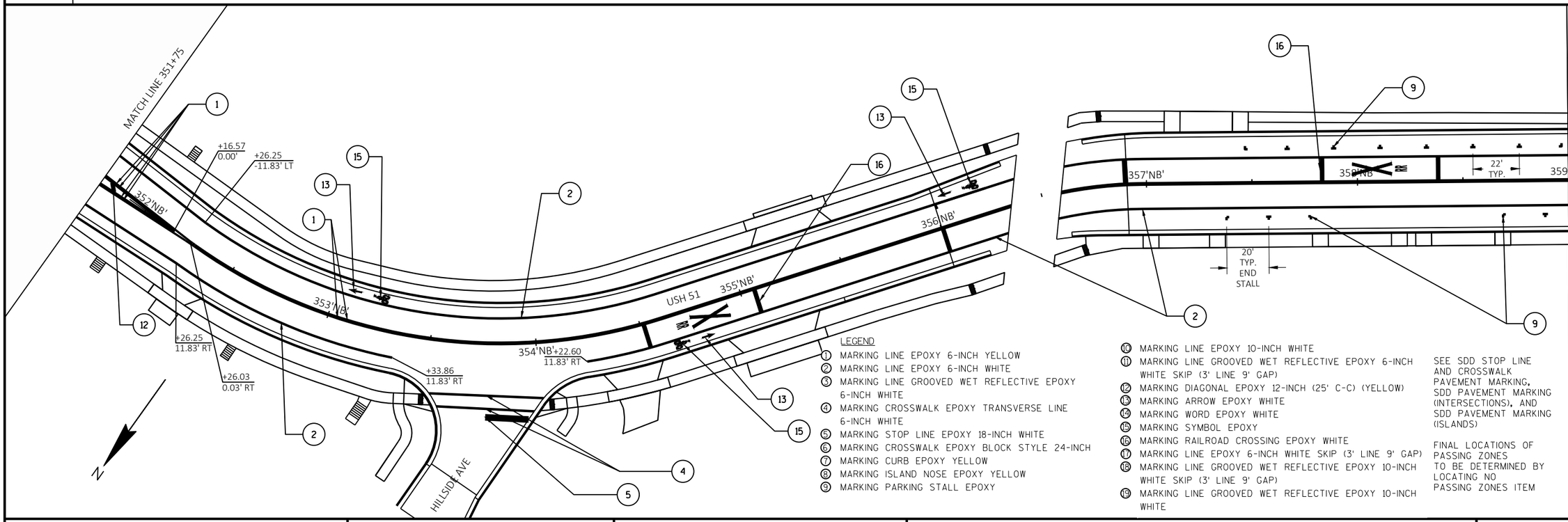
FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET 137	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024504-pm
PLOT DATE : 7/26/2024 3:15 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44





LEGEND

1. MARKING LINE EPOXY 6-INCH YELLOW
2. MARKING LINE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
4. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE
5. MARKING STOP LINE EPOXY 18-INCH WHITE
6. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
7. MARKING CURB EPOXY YELLOW
8. MARKING ISLAND NOSE EPOXY YELLOW
9. MARKING PARKING STALL EPOXY
10. MARKING LINE EPOXY 10-INCH WHITE
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
12. MARKING DIAGONAL EPOXY 12-INCH (25' C-C) (YELLOW)
13. MARKING ARROW EPOXY WHITE
14. MARKING WORD EPOXY WHITE
15. MARKING SYMBOL EPOXY
16. MARKING RAILROAD CROSSING EPOXY WHITE
17. MARKING LINE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
18. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE 9' GAP)
19. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE

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

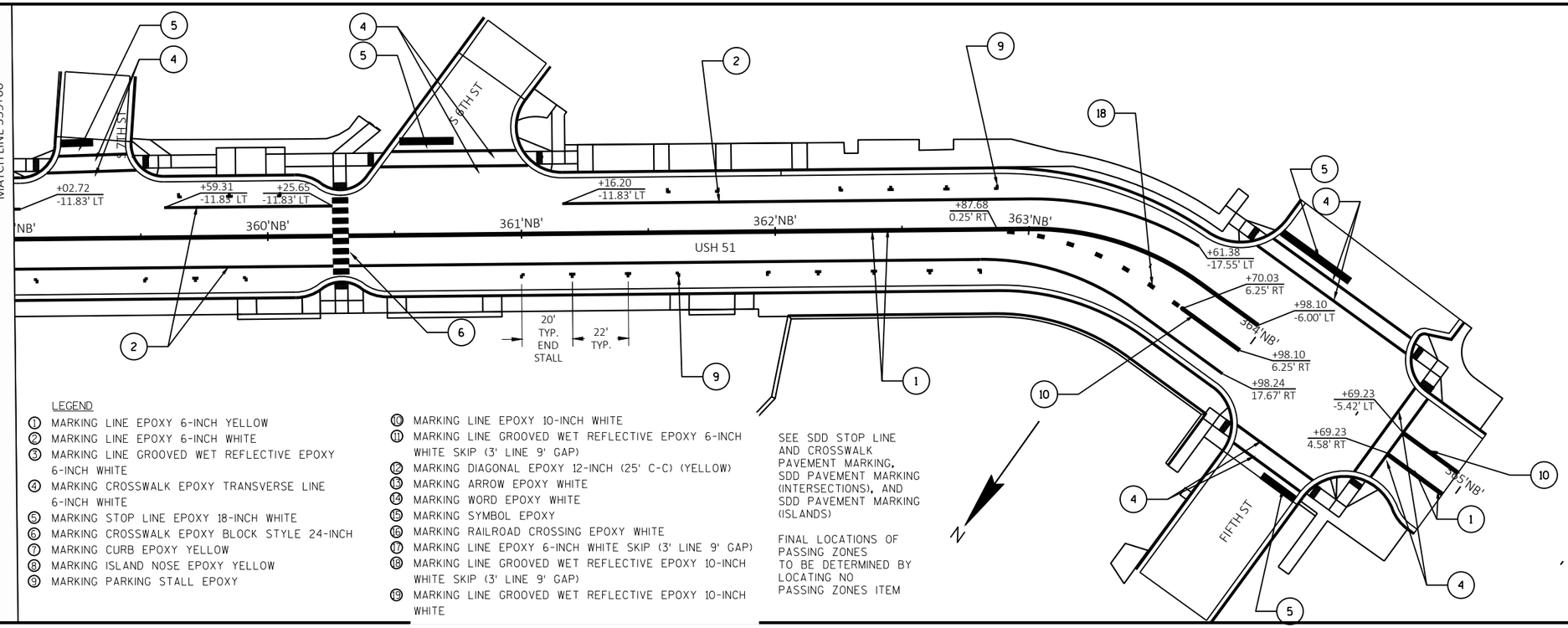
FINAL LOCATIONS OF PASSING ZONES TO BE DETERMINED BY LOCATING NO PASSING ZONES ITEM

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET 138	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024505-pm
PLOT DATE : 7/26/2024 3:15 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44

2

MATCH LINE 359+00



LEGEND

1. MARKING LINE EPOXY 6-INCH YELLOW
2. MARKING LINE EPOXY 6-INCH WHITE
3. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE
4. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE
5. MARKING STOP LINE EPOXY 18-INCH WHITE
6. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH
7. MARKING CURB EPOXY YELLOW
8. MARKING ISLAND NOSE EPOXY YELLOW
9. MARKING PARKING STALL EPOXY
10. MARKING LINE EPOXY 10-INCH WHITE
11. MARKING LINE GROOVED WET REFLECTIVE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
12. MARKING DIAGONAL EPOXY 12-INCH (25' C-C) (YELLOW)
13. MARKING ARROW EPOXY WHITE
14. MARKING WORD EPOXY WHITE
15. MARKING SYMBOL EPOXY
16. MARKING RAILROAD CROSSING EPOXY WHITE
17. MARKING LINE EPOXY 6-INCH WHITE SKIP (3' LINE 9' GAP)
18. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE SKIP (3' LINE 9' GAP)
19. MARKING LINE GROOVED WET REFLECTIVE EPOXY 10-INCH WHITE

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

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

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET 139	E

2

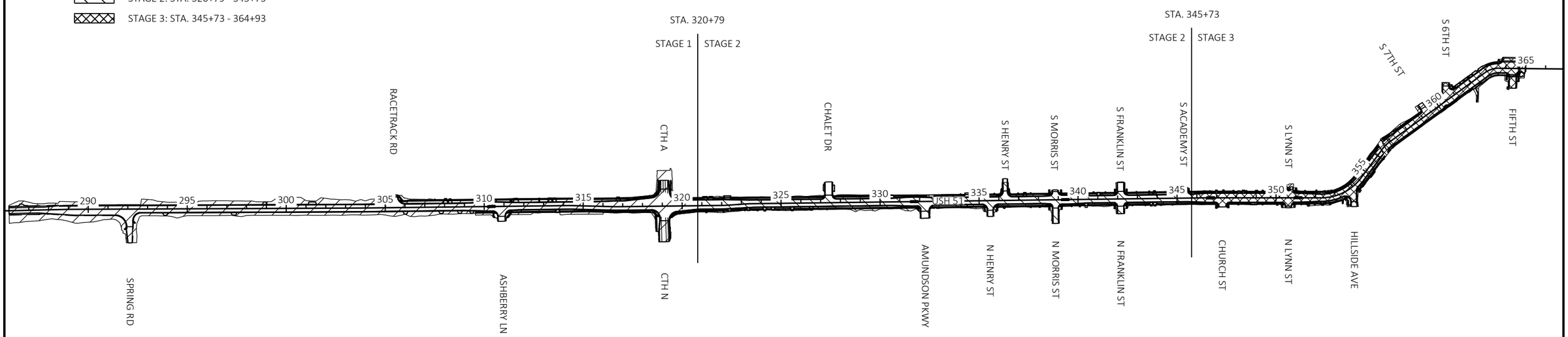
N

LEGEND

STAGE 1: STA. 286+00 - 320+79

STAGE 2: STA. 320+79 - 345+73

STAGE 3: STA. 345+73 - 364+93



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	STAGE CONSTRUCTION - OVERVIEW	SHEET 140	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026000-S0.DWG
LAYOUT NAME - design-start01

PLOT DATE : 7/12/2024 7:37 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:500 FT

2

LEGEND

WORK AREA

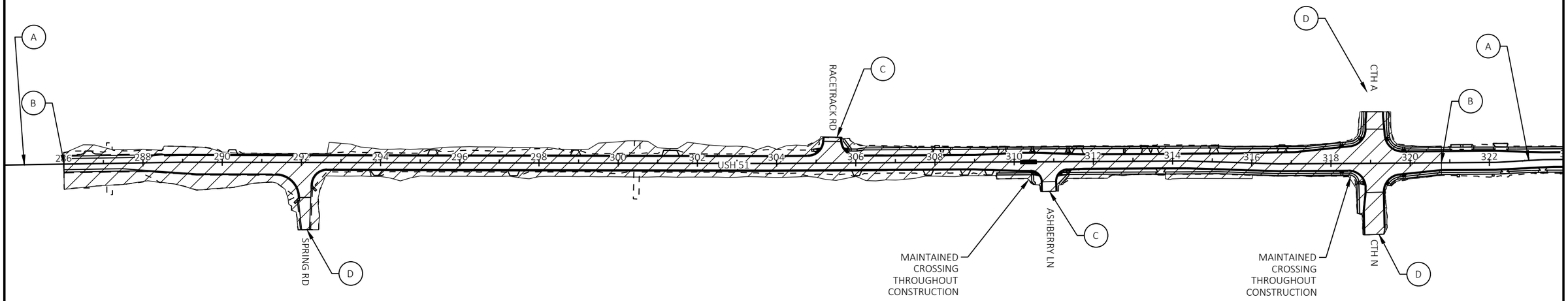
A SEE SDD 15C02, BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL C

B SEE SDD 15C02, BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL E

C SEE SDD 15C03, BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 1

D SEE SDD 15C03, BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 4

N



2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1 OVERVIEW	SHEET 141	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1-OVERVIEW.DWG
LAYOUT NAME - 01

PLOT DATE : 7/12/2024 7:19 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:250 FT

WISDOT/CADDS SHEET 42

2

2

EP: 555+20.06

PI: 288+95.81

USH 51

+00 287+00 288+00 555 289+00 290+00 291+00 292+00

WORK AREA

SPRING RD

N

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

N

USH 51

293+00 294+00 295+00 296+00 297+00 298+00

WORK AREA

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1 PHASE 1	SHEET 142	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.1.DWG
LAYOUT NAME - P1S1 - 1

PLOT DATE : 7/12/2024 7:20 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

N

PT: 303+79.68

USH 51

299+00 300+00 301+00 302+00 303+00 304+00

WORK AREA

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

RACE TRACK ROAD

N

USH 51

305+00 306+00 307+00 308+00 309+00 310+00 311+00

WORK AREA

ASHBERRY LANE

M4-60R
30"X24"

M4-60L
30"X24"

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1 PHASE 1	SHEET 143	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.1.DWG
LAYOUT NAME - P1S1 - 2

PLOT DATE : 7/12/2024 7:20 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

N

PI: 314+35.06

PI: 316+67.94

USH 51

312+00

313+00

314+00

315+00

316+00

317+00

WORK AREA

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

CTH N/A

N

PI: 322+15.50

PI: 323+36.18

USH 51

318+00

319+00

320+00

321+00

322+00

323+00

WORK AREA

CTH N

SIDEWALK CLOSED AHEAD

R9-9A
30"X18"

DETOUR

M4-9BR
30"X24"

M4-60D
30"X24"

CONC/PVC CORR
896.910
896.448
22822152972282215298

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1 PHASE 1	SHEET 144	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.1.DWG
LAYOUT NAME - P1S1 - 3

PLOT DATE : 7/12/2024 7:20 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

N

PI: 288+95.81

+00 287+00 288+00 289+00 290+00 291+00 292+00

USH 51

WORK AREA

SPRING RD

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

N

293+00 294+00 295+00 296+00 297+00 298+00

USH 51

WORK AREA

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1 PHASE 2	SHEET 145	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.1.DWG
LAYOUT NAME - P2S1 - 1

PLOT DATE : 7/12/2024 7:21 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

N

299+00
300+00
301+00
WORK AREA
USH 51
302+00
303+00
303+79.68
304+00

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

M4-60R
30"X24"

M4-60L
30"X24"

RACE TRACK RD

N

305+00
306+00
307+00
WORK AREA
308+00
USH 51
309+00
310+00
311+00

SIDEWALK CLOSED
R9-9
24"X12"

ASHBERRY LN

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1 PHASE 2	SHEET 146	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.1.DWG
LAYOUT NAME - P2S1 - 2

PLOT DATE : 7/12/2024 7:21 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

N

WORK AREA

312+00

313+00

314+00

315+00

316+00

317+00

USH 51

PI: 314+35.06

PI: 316+67.92

SIDEWALK CLOSED
R9-9
24"X12"

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

M4-60R
30"X24"

M4-60L
30"X24"

M4-60L
30"X24"

M4-60R
30"X24"

CTH N/A

WORK AREA

WORK AREA

318+00

319+00

320+00

321+00

USH 51

322+00

323+00

PI: 322+15.50

PI: 323+36.18

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
R9-9
24"X12"

CTH N

CULV/PVC CORR
896.910
22822152978
CULV/PVC CORR
896.448
2282215298

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 1 PHASE 2	SHEET 147	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.1.DWG
LAYOUT NAME - P2S1 - 3

PLOT DATE : 7/12/2024 7:21 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

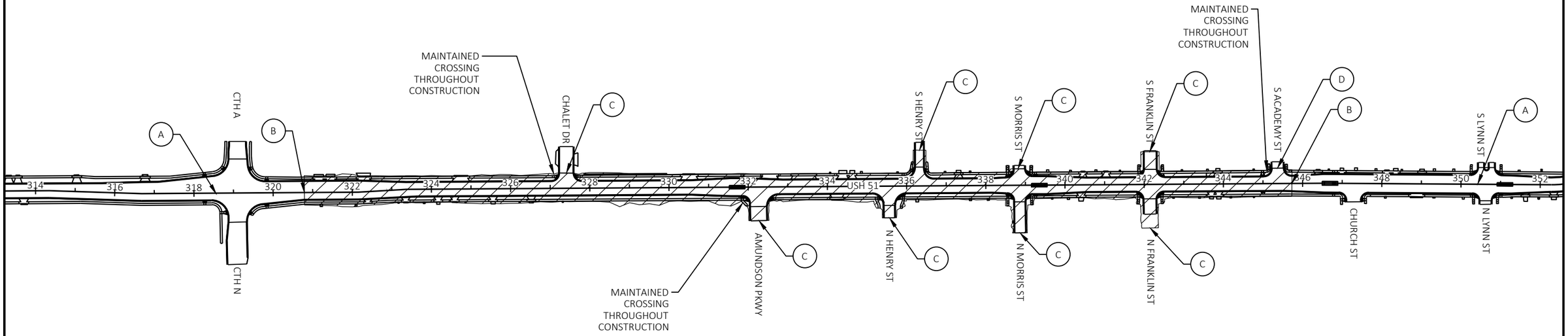
WISDOT/CADDS SHEET 44

LEGEND

- WORK AREA
- (A) SEE SDD 15C02, BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL C
- (B) SEE SDD 15C02, BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL E
- (C) SEE SDD 15C03, BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 1
- (D) SEE SDD 15C03, BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 4

2

N



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2 OVERVIEW	SHEET 148	E

2

2

FLAG
W

N

PI: 314+35.06

PI: 316+67.92

USH 51

312+00 313+00 314+00 315+00 316+00 317+00

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

CTH N/A

CTH N

N

PI: 323+36.18

PC: 321+15.50

USH 51

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

WORK AREA

CULV/PVC CORR 896.910 896.448 2282215297 2282215298

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2 PHASE 1	SHEET 149	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.2.DWG
LAYOUT NAME - P1S2 - 3

PLOT DATE : 7/12/2024 7:22 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

CHALET DR

N

324+00 325+00 326+00 USH 51 327+00 328+00 329+00 330+00

WORK AREA

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

CANOPY

WALLS

N

S HENRY ST

331+00 332+00 333+00 USH 51 334+00 335+00 336+00

WORK AREA

R9-9
24"X12"

SIDEWALK CLOSED
DETOUR AHEAD

M4-9BA
30"X24"

AMUNDSON PWKY

N HENRY ST

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2 PHASE 1	SHEET 150	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.2.DWG
LAYOUT NAME - P1S2 - 4

PLOT DATE : 7/12/2024 7:22 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

S MORRIS ST

S FRANKLIN ST

N

USH 51

337+00

338+00

339+00

340+00

341+00

342+00

WORK AREA

N MORRIS ST

N FRANKLIN ST

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

S ACADEMY ST

N

PI: 346+54.26

USH 51

343+00

344+00

345+00

346+00

347+00

348+00

349

WORK AREA

M4-60L
30"X24"

M4-60R
30"X24"

M4-60L
30"X24"

CHURCH ST

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2 PHASE 1	SHEET 151	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.2.DWG
LAYOUT NAME - P1S2 - 5

PLOT DATE : 7/12/2024 7:22 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

N

FLAG

PI: 314+35.06

PI: 316+67.94

312+00 313+00 314+00 315+00 316+00 317+00

USH 51

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

CTH N/A

N

PI: 322+15.50

PI: 323+36.18

WORK AREA

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

USH 51

CTH N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2 PHASE 2	SHEET 152	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.2.DWG
LAYOUT NAME - P2S2 - 3

PLOT DATE : 7/12/2024 7:23 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

N

CHALET DR

M4-60L
30"X24"

324+00 325+00 326+00 327+00 328+00 329+00 330+00

USH 51

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

R9-9A
30"X18"

SIDEWALK CLOSED AHEAD
DETOUR

M4-9BR
30"X24"

R9-9A
30"X18"

SIDEWALK CLOSED AHEAD
DETOUR

M4-9BL
30"X24"

CANOPY

N

S HENRY ST

WORK AREA

331+00 332+00 333+00 334+00 335+00 336+00

USH 51

AMUNDSON PWKY

N HENRY ST

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2 PHASE 2	SHEET 153	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.2.DWG
LAYOUT NAME - P2S2 - 4

PLOT DATE : 7/12/2024 7:23 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

2

S MORRIS ST

S FRANKLIN ST

N

337+00

338+00

339+00

340+00

WORK AREA

341+00

342+00

USH 51

N MORRIS ST

N FRANKLIN ST

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

S ACADEMY ST

WORK AREA

343+00

344+00

345+00

PI: 346+54.26

346+00

347+00

348+00

349

USH 51

CHURCH ST

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 2 PHASE 2	SHEET 154	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.2.DWG
LAYOUT NAME - P2S2 - 5

PLOT DATE : 7/12/2024 7:23 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

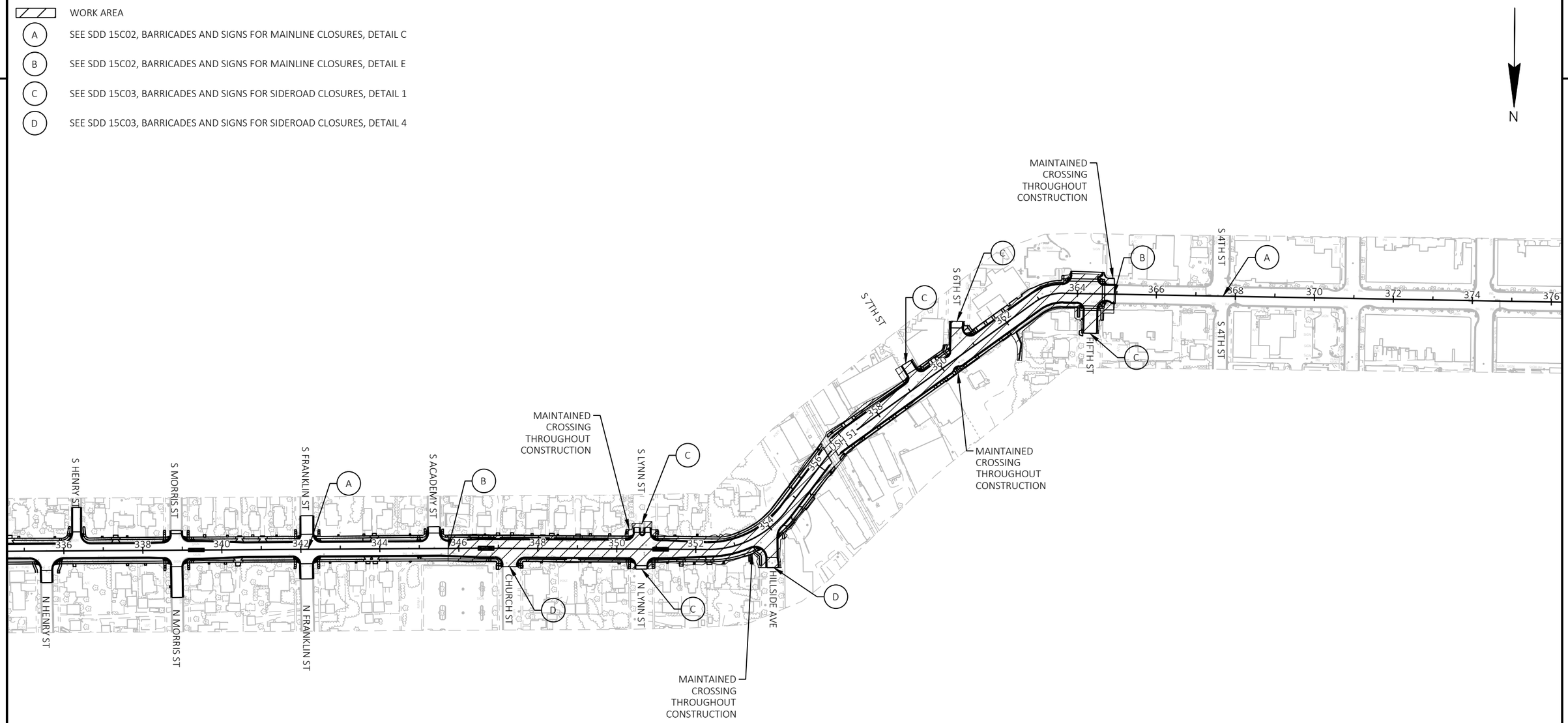
USH 51

WISDOT/CADDS SHEET 44

2

LEGEND

- WORK AREA
- (A) SEE SDD 15C02, BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL C
- (B) SEE SDD 15C02, BARRICADES AND SIGNS FOR MAINLINE CLOSURES, DETAIL E
- (C) SEE SDD 15C03, BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 1
- (D) SEE SDD 15C03, BARRICADES AND SIGNS FOR SIDEROAD CLOSURES, DETAIL 4



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 OVERVIEW	SHEET 155	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026201-S3-OVERVIEW.DWG
LAYOUT NAME - 01

PLOT DATE : 7/12/2024 7:24 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:250 FT

2

S MORRIS ST

S FRANKLIN ST

USH 51

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

N MORRIS ST

N FRANKLIN ST

S ACADEMY ST

343+00 344+00 345+00 346+00 347+00 348+00 349

P1: 346+54.26

CHURCH ST

WORK AREA

SIDEWALK CLOSED AHEAD
R9-9A
30"X18"

M4-60L
30"X24"

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 PHASE 1	SHEET 156	E

2

2

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

MATCH LINE 355+30

MATCH LINE 355+30

S LYNN ST

N LYNN ST

S SIXTH ST

SEVENTH ST

HILLSIDE AVE

USH 51

WORK AREA

PC: 352+28.50

PT: 354+60.96

PC: 356+37.73

PT: 359+88.06

349+00

350+00

352+00

353+00

354+00

355+00

356+00

357+00

358+00

359+00

360+00

361+00

M4-60R
30"X24"

M4-60D
30"X24"

M4-60L
30"X24"

R9-9
24"X12"

SIDEWALK CLOSED

DETOUR

M4-9BR
30"X24"

R9-9
24"X12"

SIDEWALK CLOSED

DETOUR

M4-9BL
30"X24"

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 PHASE 1	SHEET 157	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.3.DWG
LAYOUT NAME - P1S3 - 6

PLOT DATE : 7/12/2024 7:26 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

2

2

PC: 362+67.68

PT: 363+64.00

362+00

363+00

364+00

365+00

366+00

USH 51

USH 51/E MAIN ST

WORK AREA

MATCH LINE 361+60

FIFTH ST

FOURTH ST

SIDEWALK CLOSED
R9-9
24"X12"

M4-60D
30"X24"

WO11-2
48"X48"

WO16-7R
24"X12"

M4-60R
30"X24"

DETOUR
M4-9BR
30"X24"

DETOUR
M4-9BL
30"X24"

SIDEWALK CLOSED AHEAD
R9-9A
30"X24"

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 PHASE 1	SHEET 158	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026001-S1.3.DWG
LAYOUT NAME - P1S3 - 7

PLOT DATE : 7/12/2024 7:27 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

2

S HENRY ST

S FRANKLIN ST

336+00 337+00 338+00 339+00 340+00 341+00 342+00

USH 51

S MORRIS ST

N MORRIS ST

N FRANKLIN ST

N

LEGEND

- TEMPORARY PEDESTRIAN SURFACE ASPHALT
- TEMPORARY CURB RAMP
- TEMPORARY CROSSWALK
- TEMPORARY PEDESTRIAN BARRICADE
- PERMANENT/TEMPORARY SIDEWALK AND CROSSWALK OPEN TO PEDESTRIANS
- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT, MOUNTED ON 5' POST

N

S ACADEMY ST

SIDEWALK CLOSED AHEAD

M4-60R 30"X24"

R9-9R 30"X18"

P.I. 346+54.26

WORK AREA

343+00 344+00 345+00 346+00 347+00 348+00

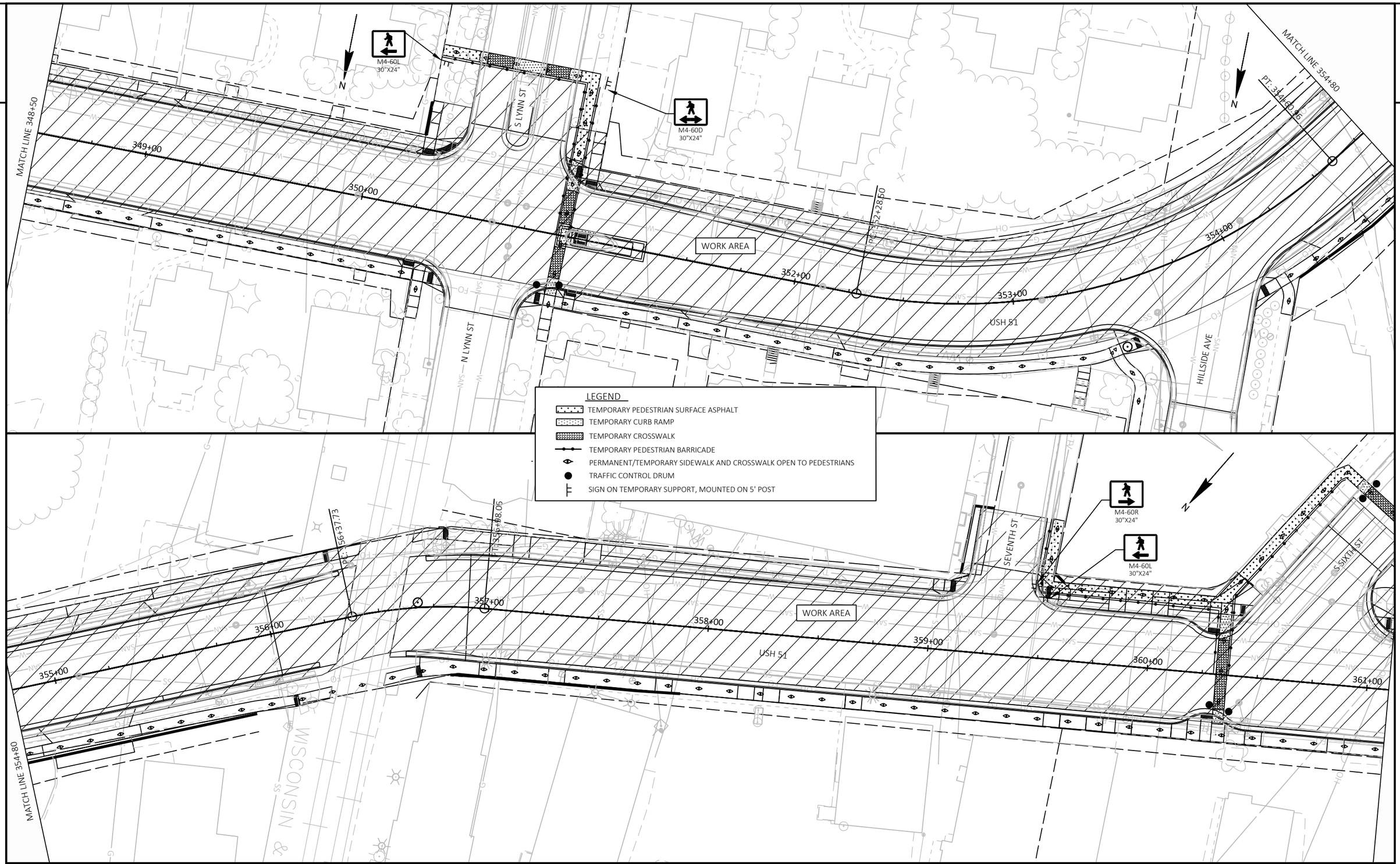
CHURCH ST

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 PHASE 2	SHEET 159	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.3.DWG
LAYOUT NAME - P2S3 - 5

PLOT DATE : 7/12/2024 7:27 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

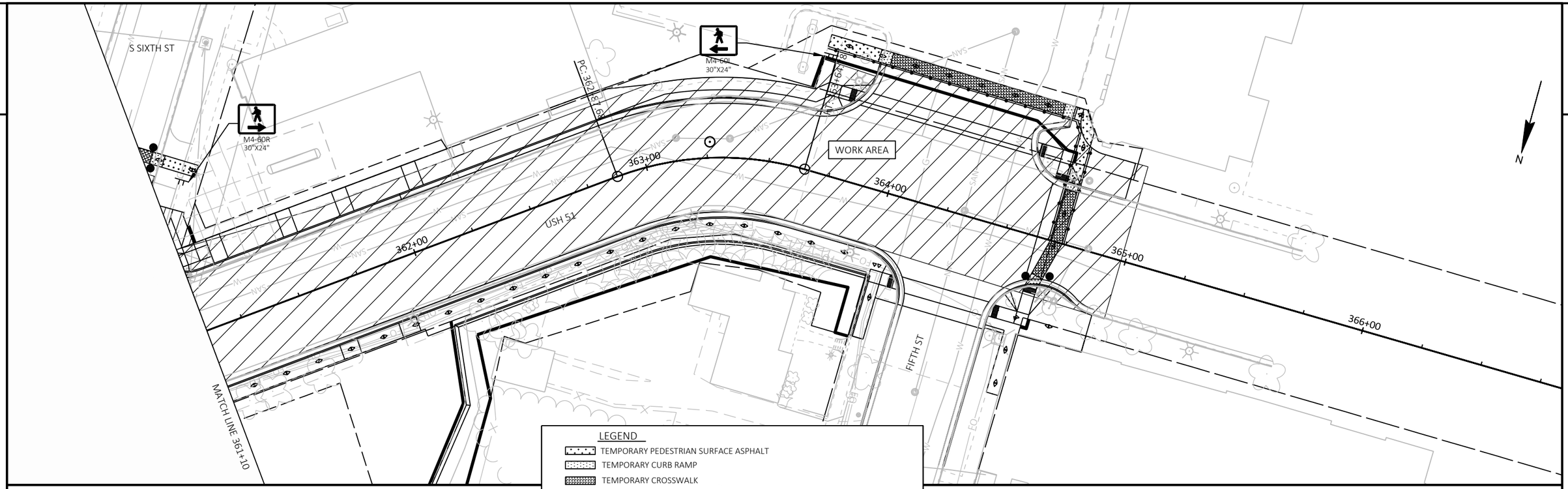


2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 PHASE 2	SHEET 160	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.3.DWG
LAYOUT NAME - P2S3 - 6
PLOT DATE : 7/12/2024 7:28 AM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROL - STAGE 3 PHASE 2	SHEET 161	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\026101-S2.3.DWG
LAYOUT NAME - P2S3 - 7
PLOT DATE : 7/12/2024 7:28 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

INSTALL PORTABLE CHANGEABLE MESSAGE SIGNS 7 DAYS PRIOR TO START OF CLOSURE. DISPLAY THE FOLLOWING MESSAGE, WITH THE APPROPRIATE DAY/DATE:

1ST FRAME	2ND FRAME
HWY 51 CLOSED	STARTING X/XX/XX

LEGEND

- DETOUR ROUTE
- TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS
- TYPE I EXISTING STEEL POST SIGNS
- EXISTING FULL SPAN SIGN BRIDGE
- EXISTING CANTILEVER SIGN BRIDGE
- PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT
- TC BARRICADE TYPE III WITH TC SIGN
- MB — PORTABLE CHANGEABLE MESSAGE SIGN
- TC SIGN ON TEMPORARY SUPPORT
- WORK ZONE AREA
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- TRAFFIC CONTROL COVERING SIGNS TYPE I (EXIT 156 / 51 / NORTH / SOUTH / EXIT ONLY)

N

SPRING RD

ROAD CLOSED TO THRU TRAFFIC — R11-4 60"X30"

ROAD CLOSED 500 FT — W20-3D

ROAD CLOSED 1000 FT — W20-3C

MB

WORKZONE

USH 51

PLEASANT HILL RD

R11-3 60"X30" — ROAD CLOSED TO THRU TRAFFIC 3/4 MILES AHEAD

ROAD CLOSED AHEAD — W20-3A

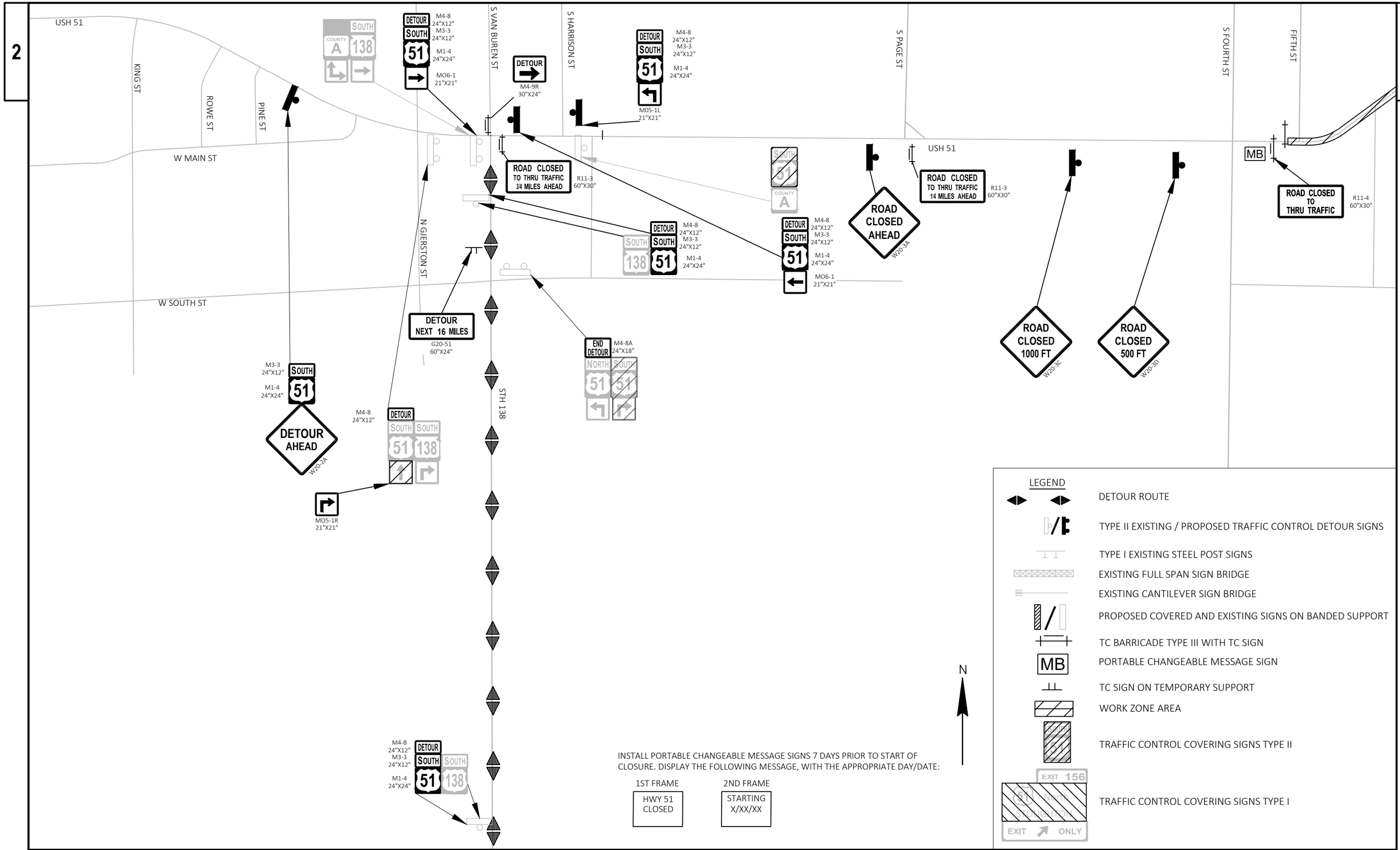
RACE TRACK RD

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL A	SHEET 162	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027001-DT-DETAILS.DWG
LAYOUT NAME - DETAIL A

PLOT DATE : 7/11/2024 3:20 PM PLOT BY : MORGAN HALLEY-GLUESING PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL B	SHEET 163	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027001-DT-DETAILS.DWG
LAYOUT NAME - DETAIL B

PLOT DATE : 7/11/2024 3:20 PM PLOT BY : MORGAN HALLEY-GLUESING PLOT NAME : PLOT SCALE : 1 IN:400 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- DETOUR ROUTE
- TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS
- TYPE I EXISTING STEEL POST SIGNS
- EXISTING FULL SPAN SIGN BRIDGE
- EXISTING CANTILEVER SIGN BRIDGE
- PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT
- TC BARRICADE TYPE III WITH TC SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN
- TC SIGN ON TEMPORARY SUPPORT
- WORK ZONE AREA
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- TRAFFIC CONTROL COVERING SIGNS TYPE I

BADFISH CREEK

W WEBSTER ST

W DANE ST

STH 138

STH 59

N TOLLES RD

W CHURCH ST

DETOUR AHEAD W20-2A

N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL C	SHEET 164	E

2

2

BAND TO LIGHT POLE

ROAD CLOSED TO THRU TRAFFIC 7 MILES AHEAD
R11-3 60"X30"

DETOUR NORTH 51
M4-8 24"X12"
M3-1 24"X12"
M1-4 24"X24"

DETOUR SOUTH 51 SECOND RIGHT
M4-8 24"X12"
M3-3 24"X12"
M1-4 24"X24"
MO4-22R 24"X21"

DETOUR NORTH 51
M4-8 24"X12"
M3-1 24"X12"
M1-4 24"X24"
MO6-1 21"X21"

WEST 59

EAST 59

DETOUR SOUTH 51
M4-8 24"X12"
M3-3 24"X12"
M1-4 24"X24"

STH 59

DETOUR NEXT 16 MILES
G20-51 60"X24"

DETOUR NORTH 51
M4-8 24"X12"
M3-1 24"X12"
M1-4 24"X24"

DETOUR SOUTH 51
M4-8 24"X12"
M3-3 24"X12"
M1-4 24"X24"

M4-8A 24"X18"
END DETOUR SOUTH 51 ALTERNATE BUSINESS 39

USH 51

NORTH ALTERNATE 51 BUSINESS 39

S MAIN ST

NORTH 51
M3-1 24"X12"

DETOUR AHEAD
W20-2A

DETOUR NORTH 51
M4-8 24"X12"
M3-1 24"X12"
M1-4 24"X24"
MO5-1L 21"X21"

DETOUR NORTH 51
M4-8 24"X12"
M3-1 24"X12"
M1-4 24"X24"
MO6-1 21"X21"

DETOUR
M4-9L 30"X24"

CHAUCER ST

BROADWAY ST

SAUNDERS CREEK

SOUTH 51 SECOND LEFT
NORTH 51 SECOND RIGHT

MO6-1 21"X21"

STH 59

N

LEGEND

- DETOUR ROUTE
- TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS
- TYPE I EXISTING STEEL POST SIGNS
- EXISTING FULL SPAN SIGN BRIDGE
- EXISTING CANTILEVER SIGN BRIDGE
- PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT
- TC BARRICADE TYPE III WITH TC SIGN
- MB — PORTABLE CHANGEABLE MESSAGE SIGN
- TC SIGN ON TEMPORARY SUPPORT
- WORK ZONE AREA
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- TRAFFIC CONTROL COVERING SIGNS TYPE I (EXIT 156 / 51 North Stoughton / EXIT ONLY)

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL D	SHEET 165	E

2

2

BAND TO I-53-98 MEDIAN UPRIGHT

DETOUR NORTH 51 M4-8 24"X12" M3-1 24"X12" M1-4 24"X24"

DETOUR NORTH 51 M4-8 24"X12" M3-1 24"X12" M1-4 24"X24" MO6-1 21"X21"

DETOUR NORTH 51 M4-8 24"X12" M3-1 24"X12" M1-4 24"X24" MO6-1 21"X21"

DETOUR NORTH 51 M4-8 24"X12" M3-1 24"X12" M1-4 24"X24" MO5-1L 21"X21"

DETOUR NORTH 51 M4-8 24"X12" M3-1 24"X12" M1-4 24"X24" MO6-1 21"X21"

NORTH 51 M3-1 36"X18" M1-4 36"X36"

DETOUR AHEAD W20-2A

TRUCK NORTH 51 M4-4 36"X18" M3-1 36"X18" M1-4 36"X36" MO6-1 30"X30"

DETOUR NORTH 51 M4-8 36"X18" M3-1 36"X18" M1-4 36"X36" MO6-2 30"X30"

TRUCK NORTH 51 M4-4 36"X18" M3-1 36"X18" M1-4 36"X36" MO6-1 30"X30"

DETOUR NORTH 51 M4-8 36"X18" M3-1 36"X18" M1-4 36"X36" MO5-2R 30"x30"

NORTH 51 M3-1 36"X18" M1-4 36"X36"

DETOUR AHEAD W20-2A

WEST ALTERNATE 59 39

STH 59

N SHERMAN RD

IH 39/90

N GOEDE RD

JASON DR

N RICHARDSON SPRINGS RD

STH 59

ROCK RIVER

ROCK RIVER

IH 39/90

IH 39/90

N

LEGEND

- DETOUR ROUTE
- TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS
- TYPE I EXISTING STEEL POST SIGNS
- EXISTING FULL SPAN SIGN BRIDGE
- EXISTING CANTILEVER SIGN BRIDGE
- PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT
- TC BARRICADE TYPE III WITH TC SIGN
- MB — PORTABLE CHANGEABLE MESSAGE SIGN
- TC SIGN ON TEMPORARY SUPPORT
- WORK ZONE AREA
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- TRAFFIC CONTROL COVERING SIGNS TYPE I (EXIT 156 / 51 / NIGHT / NORTHEASTERN / EXIT ONLY)

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL E	SHEET 166	E

2

LEGEND

- DETOUR ROUTE
- TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS
- TYPE I EXISTING STEEL POST SIGNS
- EXISTING FULL SPAN SIGN BRIDGE
- EXISTING CANTILEVER SIGN BRIDGE
- PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT
- TC BARRICADE TYPE III WITH TC SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN
- TC SIGN ON TEMPORARY SUPPORT
- WORK ZONE AREA
- TRAFFIC CONTROL COVERING SIGNS TYPE II
- TRAFFIC CONTROL COVERING SIGNS TYPE I

N

2

IH 39/90

STH 73

PIERCE RD

ALBION RD

USH 51

TRUCK M4-4 36"X18"
NORTH WEST NORTH 39 90 51

DETOUR M4-8 36"X18"
NORTH M3-1 36"X18"
51 M1-4 36"X36"
MO5-2R 30"X30"

DETOUR M4-8 24"X12"
NORTH WEST NORTH 39 90 51
MO6-1 21"X21"

NORTH M3-1 24"X12"
51 M1-4 24"X24"
DETOUR AHEAD W20-2A

DETOUR M4-8 36"X18"
NORTH M3-1 36"X18"
51 M1-4 36"X36"
MO5-2R 30"X30"

DETOUR M4-8 24"X12"
NORTH WEST NORTH 39 90 51
MO6-1 21"X21"

DETOUR M4-8 36"X18"
NORTH M3-1 36"X18"
51 M1-4 36"X36"
MO6-2 30"X30"

NORTH TO SOUTH ALT 73 103 51 39

DETOUR M4-8 24"X12"
NORTH M3-1 24"X12"
51 M1-4 24"X24"
M5-1R 21"X21"

NORTH WEST NORTH 39 90 51

NORTH WEST NORTH NORTH 39 90 51 73

SOUTH EAST SOUTH 39 90 51

DETOUR M4-8 24"X12"
NORTH M3-1 24"X12"
51 M1-4 24"X24"
MO6-1 21"X21"

NORTH TO SOUTH ALT 73 103 51 39

DETOUR M4-8 24"X12"
NORTH M3-1 24"X12"
51 M1-4 24"X24"
MO6-1 21"X21"

SOUTH ALT 51 39

DETOUR M4-8 24"X12"
NORTH M3-1 24"X12"
51 M1-4 24"X24"

NORTH WEST NORTH 39 90 51 73

TRUCK M4-4 36"X18"
NORTH M3-1 36"X18"
51 M1-4 36"X36"
M6-1 30"X30"

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL F	SHEET 167	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027001-DT-DETAILS.DWG
LAYOUT NAME - DETAIL F

PLOT DATE : 7/11/2024 3:20 PM PLOT BY : MORGAN HALLEY-GLUESING PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2

LEGEND

DETOUR ROUTE

TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS

TYPE I EXISTING STEEL POST SIGNS

EXISTING FULL SPAN SIGN BRIDGE

EXISTING CANTILEVER SIGN BRIDGE

PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT

TC BARRICADE TYPE III WITH TC SIGN

MB PORTABLE CHANGEABLE MESSAGE SIGN

TC SIGN ON TEMPORARY SUPPORT

WORK ZONE AREA

TRAFFIC CONTROL COVERING SIGNS TYPE II

TRAFFIC CONTROL COVERING SIGNS TYPE I

EXIT 156 (51) NORTH STOUGHTON EXIT ONLY

N

CTH A

IH 39/90

COUNTY N 8 MADISON 14

TRUCK NORTH 51 M4-4 36"x18" M3-1 36"X18" M1-4 36"X36"

NORTH WEST INTERSTATE 39 90 WISCONSIN

EXIT 156 LODGING ATTRACTION

DETOUR NORTH 51 M4-8 36"X18" M3-1 36"X18" M1-4 36"X36" MO6-1 30"X30"

EXIT 156 (51) NORTH STOUGHTON EXIT ONLY

USH 51

MAPLE GROVE RD

SOUTH EAST INTERSTATE 39 90 SOUTH 51 WISCONSIN

51 MO6-1 21"X21"

WILLOW DR

EXIT 156 (51) NORTH STOUGHTON 1 MILE

HOSPITAL EXIT 147

2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL G	SHEET 168	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027001-DT-DETAILS.DWG
LAYOUT NAME - DETAIL G

PLOT DATE : 7/11/2024 3:20 PM PLOT BY : MORGAN HALLEY-GLUESING PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 42

2

LEGEND

DETOUR ROUTE

TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS

TYPE I EXISTING STEEL POST SIGNS

EXISTING FULL SPAN SIGN BRIDGE

EXISTING CANTILEVER SIGN BRIDGE

PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT

TC BARRICADE TYPE III WITH TC SIGN

MB PORTABLE CHANGEABLE MESSAGE SIGN

TC SIGN ON TEMPORARY SUPPORT

WORK ZONE AREA

TRAFFIC CONTROL COVERING SIGNS TYPE II

TRAFFIC CONTROL COVERING SIGNS TYPE I

EXIT 156 (51) NORTH STOUGHTON EXIT ONLY

N

2

TRUCK NORTH 51 — M4-4 36"x18" M3-1 36"X18" M1-4 36"X36"

NORTH WEST WISCONSIN ILLINOIS 39 90

CTH N

EXIT 147 COUNTY N STOUGHTON COTTAGE GROVE EXIT ONLY

IH 39/90

TRUCK NORTH 51 — M4-4 36"x18" M3-1 36"X18" M1-4 36"X36" MO6-1 30"X30"

CTH N

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL H	SHEET 169	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027001-DT-DETAILS.DWG
LAYOUT NAME - DETAIL H

PLOT DATE : 7/11/2024 3:20 PM PLOT BY : MORGAN HALLEY-GLUESING PLOT NAME : PLOT SCALE : 1 IN:1000 FT

2

LEGEND

DETOUR ROUTE

TYPE II EXISTING / PROPOSED TRAFFIC CONTROL DETOUR SIGNS

TYPE I EXISTING STEEL POST SIGNS

EXISTING FULL SPAN SIGN BRIDGE

EXISTING CANTILEVER SIGN BRIDGE

PROPOSED COVERED AND EXISTING SIGNS ON BANDED SUPPORT

TC BARRICADE TYPE III WITH TC SIGN

MB PORTABLE CHANGEABLE MESSAGE SIGN

TC SIGN ON TEMPORARY SUPPORT

WORK ZONE AREA

TRAFFIC CONTROL COVERING SIGNS TYPE II

TRAFFIC CONTROL COVERING SIGNS TYPE I

N

MILPOND RD

LEFT EXIT 142A
12 18 WEST
MADISON
EXIT ONLY

EXIT 142B
12 18 EAST
CAMBRIDGE
EXIT ONLY

M4-4 36"x18"
M3-1 36"X18"
M1-4 36"X36"
MO6-1 30"X30"
TRUCK NORTH 51

M4-4 36"x18"
M3-1 36"X18"
M1-4 36"X36"
MO4-20L 36"X36"
TRUCK NORTH 51 USE LEFT LANE

M4-4 36"x18"
M3-1 36"X18"
M1-4 36"X36"
MO6-2 30"X30"
TRUCK NORTH 51

NORTH INTERSTATE 39 WEST INTERSTATE 90
WIS DELLS

EXITS 142A-B
12 18
MADISON
CAMBRIDGE
EXIT ONLY

EXIT 142A
WEST 12 WEST 18
MADISON
1/4 MILE
EXIT ONLY

EXIT 142B
EAST 12 EAST 18
CAMBRIDGE
1/4 MILE
EXIT ONLY

IH 39/90 NB

IH 39/90 SB

M4-4 36"x18"
M3-1 36"X18"
M1-4 36"X36"
MO5-2R 30"X30"
TRUCK NORTH 51

2

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	DETOUR PLAN - DETAIL I	SHEET 170	E

2

N

286'NB' S88°44'50"W 288'NB' PI: 288+95.81 'NB' 290'NB' 292'NB' 294'NB' USH 51 296'NB' S89°44'55"W 298'NB' MATCH LINE 299+75 NE

BEGIN PROJECT
STA 286+00 'NB'

BP: 10+00.00 'SP'

SPRING RD
N0°43'09"W 12'SP'

EP: 13+30.94 'SP'

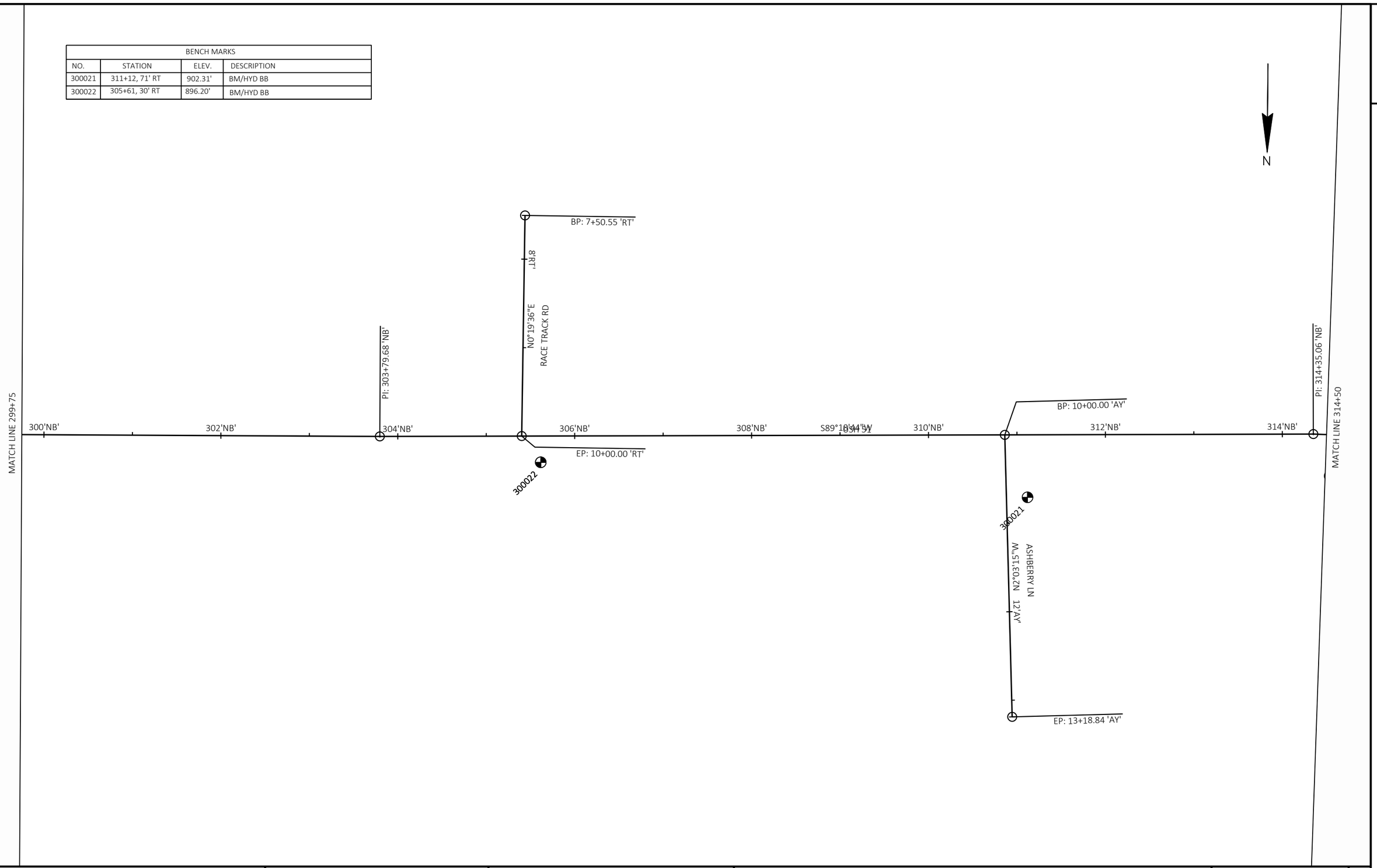
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 171	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 01

PLOT DATE : 7/12/2024 7:43 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:100 FT

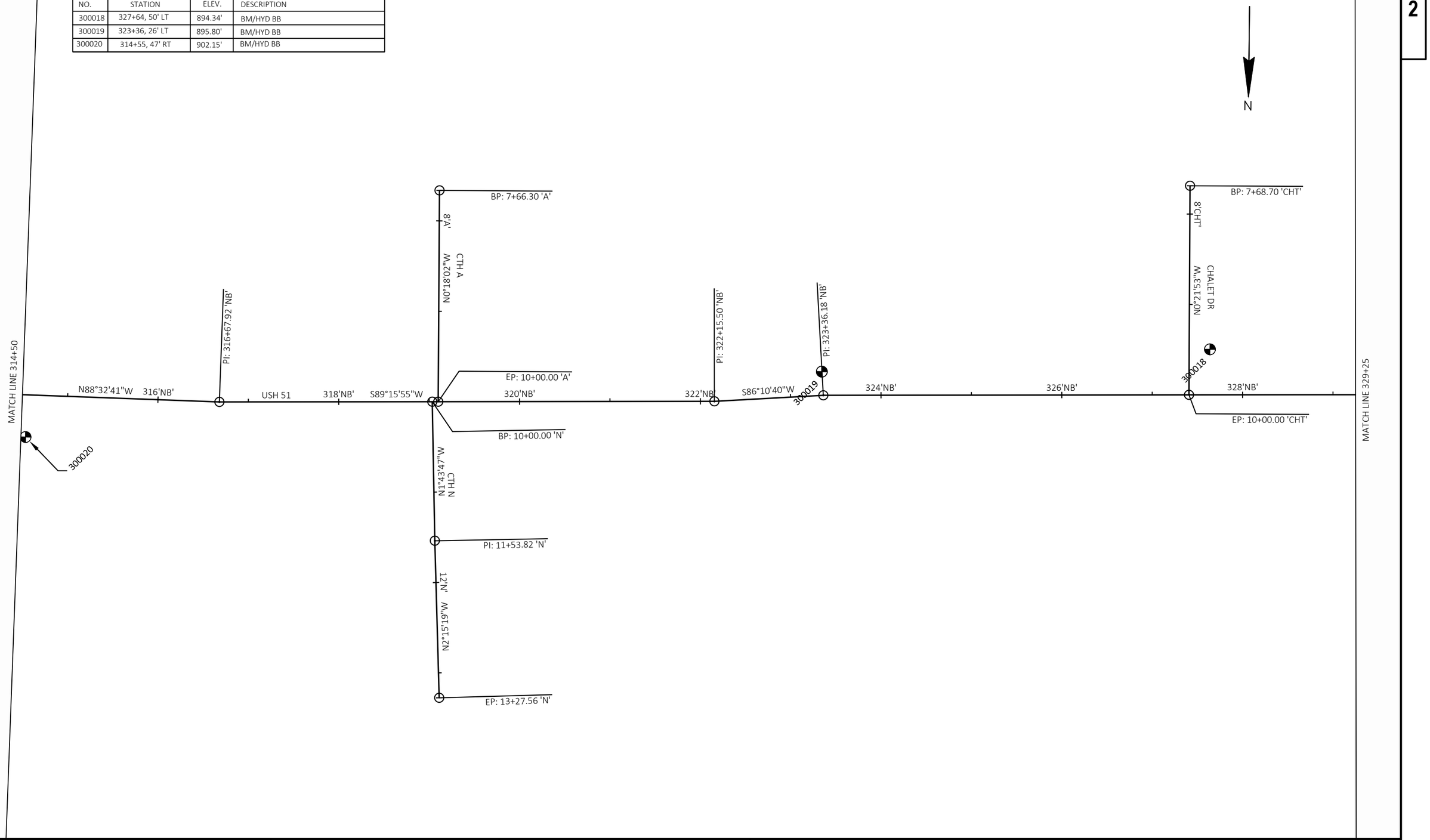
WISDOT/CADDS SHEET 42

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300021	311+12, 71' RT	902.31'	BM/HYD BB
300022	305+61, 30' RT	896.20'	BM/HYD BB



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 172	E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300018	327+64, 50' LT	894.34'	BM/HYD BB
300019	323+36, 26' LT	895.80'	BM/HYD BB
300020	314+55, 47' RT	902.15'	BM/HYD BB



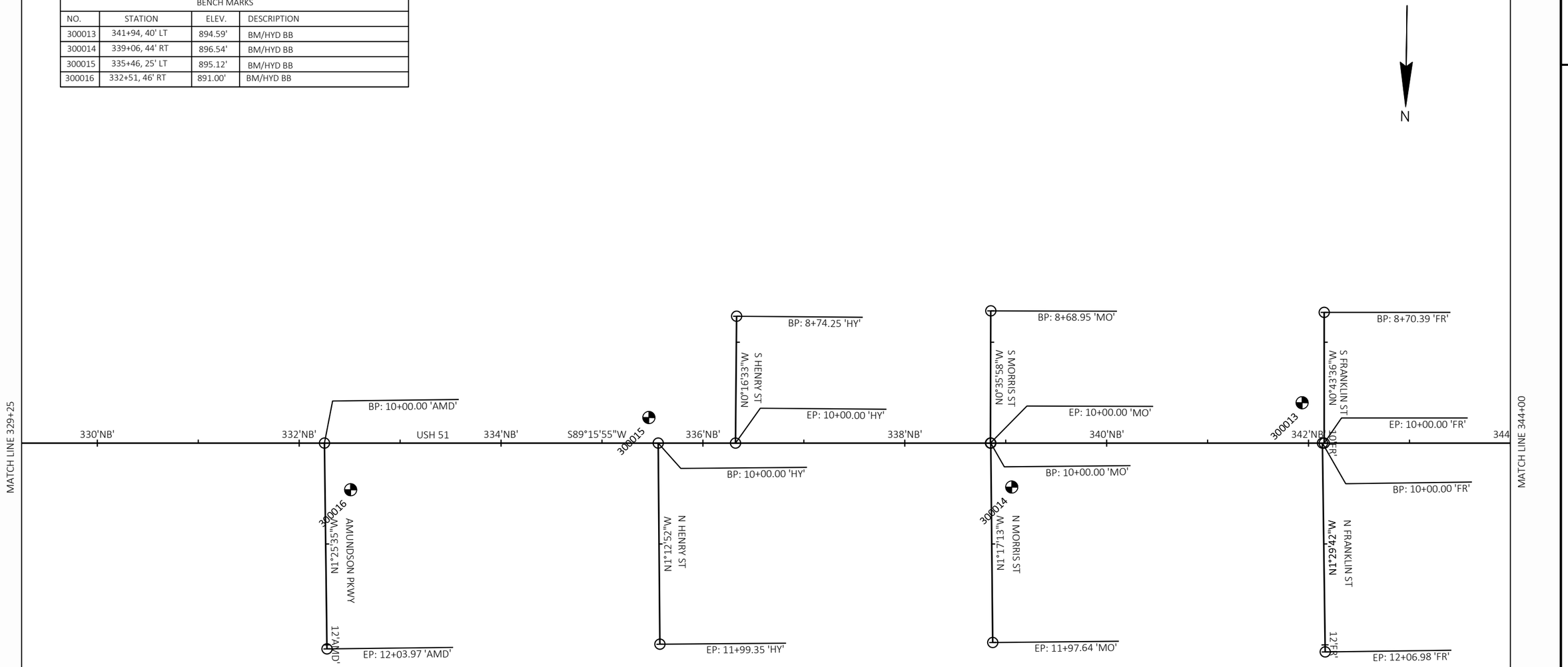
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 173	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 03

PLOT DATE : 7/12/2024 7:43 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:100 FT

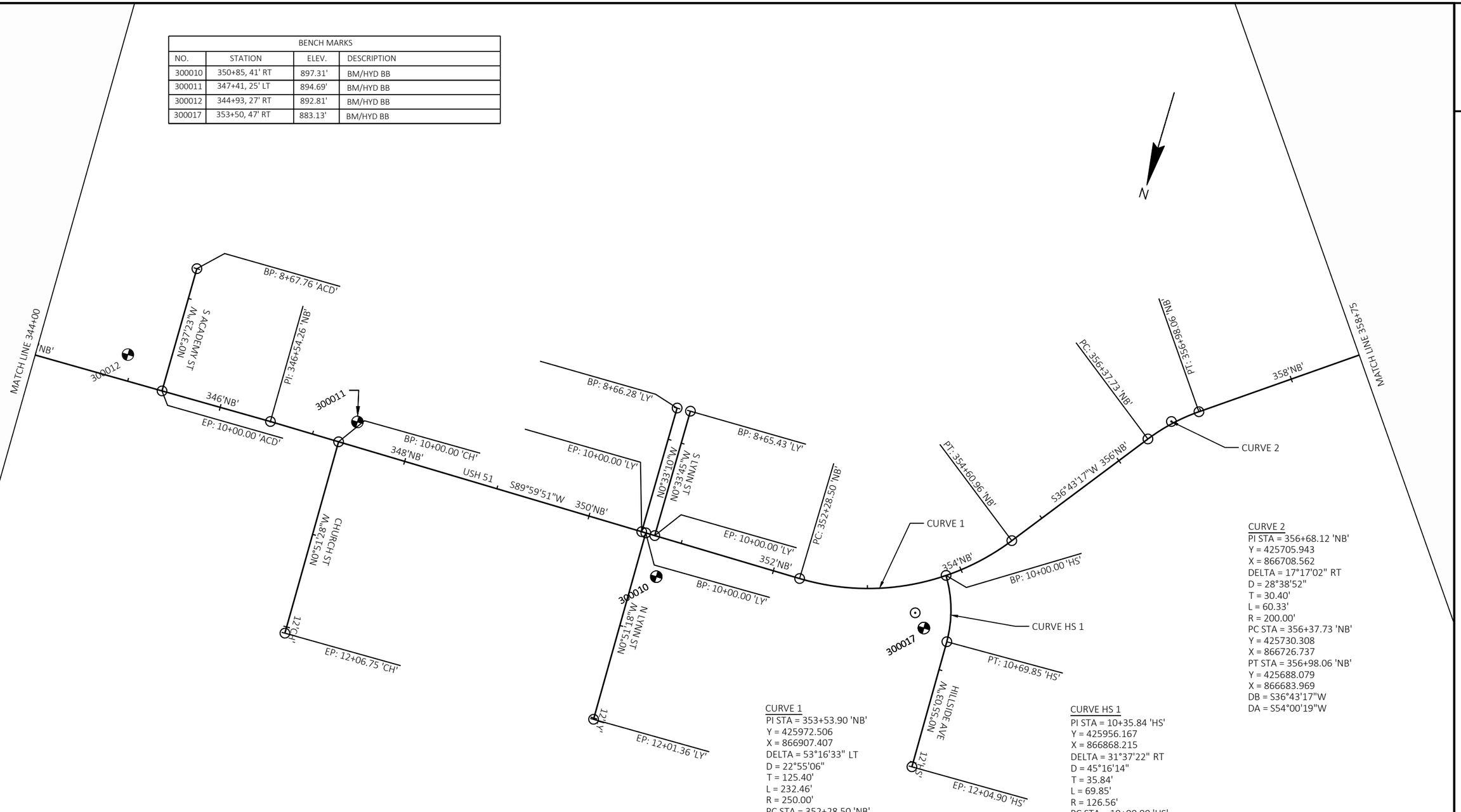
WISDOT/CADDS SHEET 42

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300013	341+94, 40' LT	894.59'	BM/HYD BB
300014	339+06, 44' RT	896.54'	BM/HYD BB
300015	335+46, 25' LT	895.12'	BM/HYD BB
300016	332+51, 46' RT	891.00'	BM/HYD BB



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 174	E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300010	350+85, 41' RT	897.31'	BM/HYD BB
300011	347+41, 25' LT	894.69'	BM/HYD BB
300012	344+93, 27' RT	892.81'	BM/HYD BB
300017	353+50, 47' RT	883.13'	BM/HYD BB



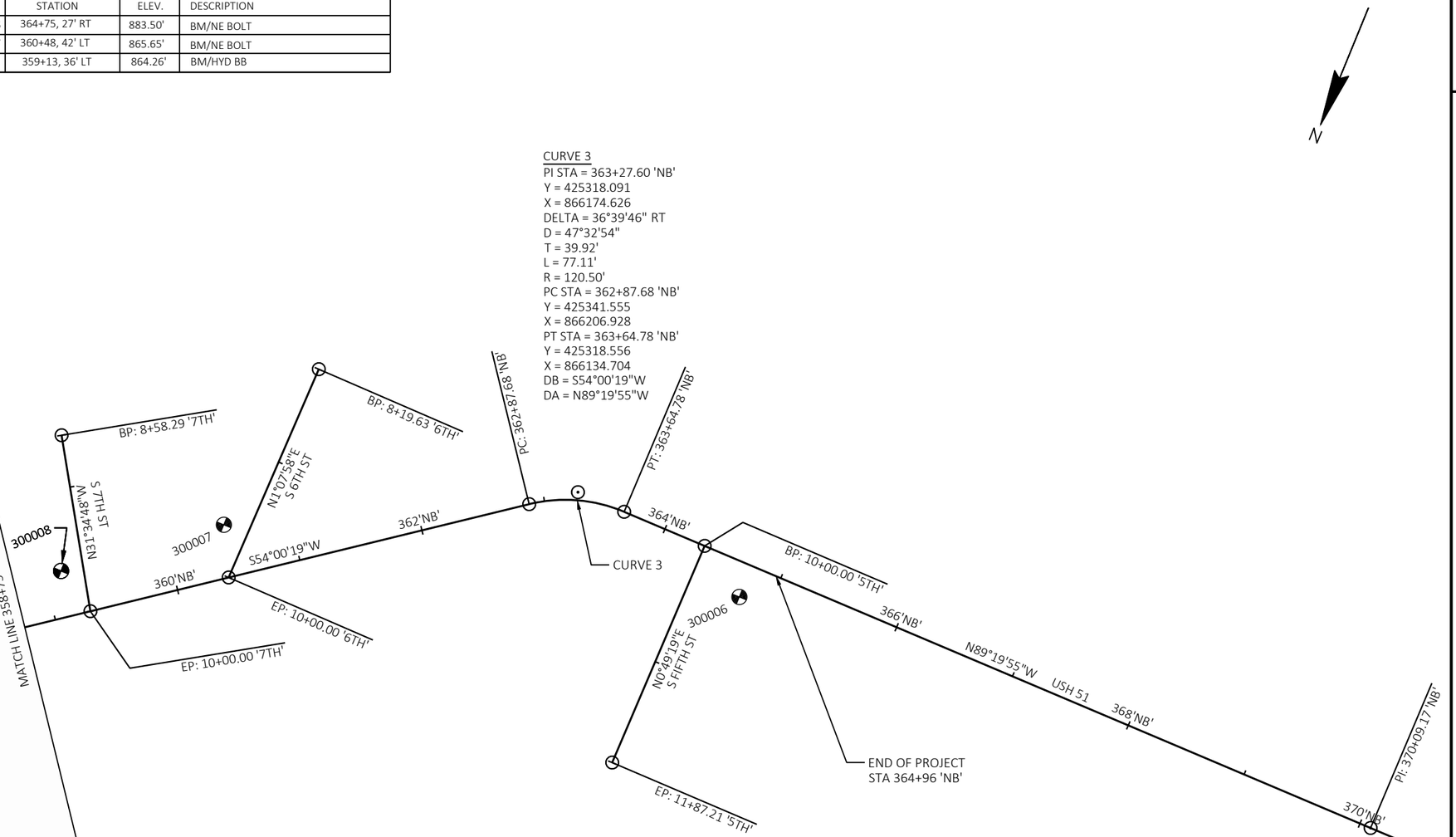
CURVE 1
PI STA = 353+53.90 'NB'
Y = 425972.506
X = 866907.407
DELTA = 53°16'33" LT
D = 22°55'06"
T = 125.40'
L = 232.46'
R = 250.00'
PC STA = 352+28.50 'NB'
Y = 425972.511
X = 867032.805
PT STA = 354+60.96 'NB'
Y = 425871.993
X = 866832.428
DB = S89°59'51"W
DA = S36°43'17"W

CURVE HS 1
PI STA = 10+35.84 'HS'
Y = 425956.167
X = 866868.215
DELTA = 31°37'22" RT
D = 45°16'14"
T = 35.84'
L = 69.85'
R = 126.56'
PC STA = 10+00.00 'HS'
Y = 425926.120
X = 866887.753
PT STA = 10+69.85 'HS'
Y = 425991.997
X = 866867.332
DB = N33°02'02"W
DA = N01°24'40"W

CURVE 2
PI STA = 356+68.12 'NB'
Y = 425705.943
X = 866708.562
DELTA = 17°17'02" RT
D = 28°38'52"
T = 30.40'
L = 60.33'
R = 200.00'
PC STA = 356+37.73 'NB'
Y = 425730.308
X = 866726.737
PT STA = 356+98.06 'NB'
Y = 425688.079
X = 866683.969
DB = S36°43'17"W
DA = S54°00'19"W

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 175	E

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300006	364+75, 27' RT	883.50'	BM/NE BOLT
300007	360+48, 42' LT	865.65'	BM/NE BOLT
300008	359+13, 36' LT	864.26'	BM/HYD BB



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	ALIGNMENT DETAILS	SHEET 176	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 06

PLOT DATE : 7/12/2024 7:43 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:100 FT

5845-16-72

Line	Item	Item Description	Unit	Total	Qty
0002	201.0205	Grubbing	STA	6.000	6.000
0004	201.0220	Grubbing	ID	634.000	634.000
0006	203.0100	Removing Small Pipe Culverts	EACH	2.000	2.000
0008	203.0220	Removing Structure (structure) 01. Retaining Wall	EACH	1.000	1.000
0010	204.0100	Removing Concrete Pavement	SY	3,530.000	3,530.000
0014	204.0150	Removing Curb & Gutter	LF	16,976.000	16,976.000
0016	204.0155	Removing Concrete Sidewalk	SY	5,995.000	5,995.000
0018	204.0195	Removing Concrete Bases	EACH	18.000	18.000
0020	204.0210	Removing Manholes	EACH	15.000	15.000
0022	204.0220	Removing Inlets	EACH	46.000	46.000
0024	204.0245	Removing Storm Sewer (size) 01. 10-Inch	LF	21.000	21.000
0026	204.0245	Removing Storm Sewer (size) 02. 12-Inch	LF	912.000	912.000
0028	204.0245	Removing Storm Sewer (size) 03. 15-Inch	LF	1,777.000	1,777.000
0030	204.0245	Removing Storm Sewer (size) 04. 18-Inch	LF	470.000	470.000
0032	204.0245	Removing Storm Sewer (size) 05. 24-Inch	LF	221.000	221.000
0034	204.0245	Removing Storm Sewer (size) 06. 24x38-Inch	LF	373.000	373.000
0036	204.9060.S	Removing (item description) 01. Street Lights	EACH	9.000	9.000
0038	204.9090.S	Removing (item description) 01. Sidewalk Trench Drain	LF	16.000	16.000
0040	205.0100	Excavation Common	CY	45,359.000	45,359.000
0042	206.3001	Excavation for Structures Retaining Walls (structure) 01. R-13-373	EACH	1.000	1.000
0044	210.1500	Backfill Structure Type A	TON	170.000	170.000
0046	213.0100	Finishing Roadway (project) 01. 5845-16-72	EACH	1.000	1.000
0048	305.0110	Base Aggregate Dense 3/4-Inch	TON	67.000	67.000
0050	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	18,489.000	18,489.000
0054	312.0110	Select Crushed Material	TON	28,463.000	28,463.000
0056	405.0100	Coloring Concrete WisDOT Red	CY	21.000	21.000
0058	405.1000	Stamping Colored Concrete	CY	17.000	17.000
0060	415.0080	Concrete Pavement 8-Inch	SY	38,957.000	38,957.000
0062	415.4100	Concrete Pavement Joint Filling	SY	42,667.000	42,667.000
0064	416.0620	Drilled Dowel Bars	EACH	24.000	24.000
0066	450.4000	HMA Cold Weather Paving	TON	53.000	53.000
0068	455.0605	Tack Coat	GAL	283.000	283.000
0070	460.2000	Incentive Density HMA Pavement	DOL	310.000	310.000
0072	460.6224	HMA Pavement 4 MT 58-28 S	TON	837.000	837.000
0074	465.0105	Asphaltic Surface	TON	5.000	5.000
0076	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	126.000	126.000
0078	465.0315	Asphaltic Flumes	SY	17.000	17.000
0080	465.0520	Asphaltic Rumble Strips, Shoulder	LF	729.000	729.000
0082	502.0110.S	Concrete Masonry Soldier Pile Footings	CY	217.000	217.000
0084	502.3200	Protective Surface Treatment	SY	46.000	46.000
0086	504.0500	Concrete Masonry Retaining Walls	CY	116.000	116.000
0088	505.0600	Bar Steel Reinforcement HS Coated Structures	LB	16,440.000	16,440.000
0090	506.0605	Structural Steel HS	LB	186,363.000	186,363.000
0092	506.3010	Welded Stud Shear Connectors 7/8x5-Inch	EACH	394.000	394.000
0094	513.2001	Railing Pipe	LF	26.000	26.000
0096	513.8006	Railing Steel Pedestrian Type C1	LF	274.000	274.000
0098	516.0500	Rubberized Membrane Waterproofing	SY	6.000	6.000
0100	517.0601	Painting Epoxy System (structure) 01. R-13-373	EACH	1.000	1.000
0102	517.1015.S	Concrete Staining Multi-Color (structure) 01. R-13-373	SF	2,860.000	2,860.000

5845-16-72

Line	Item	Item Description	Unit	Total	Qty
0104	517.1050.S	Architectural Surface Treatment (structure) 01. R-13-373	SF	2,320.000	2,320.000
0106	520.1024	Apron Endwalls for Culvert Pipe 24-Inch	EACH	2.000	2.000
0108	520.3324	Culvert Pipe Class III-A 24-Inch	LF	108.000	108.000
0110	520.8000	Concrete Collars for Pipe	EACH	8.000	8.000
0112	522.1036	Apron Endwalls for Culvert Pipe Reinforced Concrete 36-Inch	EACH	2.000	2.000
0114	601.0405	Concrete Curb & Gutter 18-Inch Type A	LF	288.000	288.000
0116	601.0407	Concrete Curb & Gutter 18-Inch Type D	LF	8.000	8.000
0118	601.0409	Concrete Curb & Gutter 30-Inch Type A	LF	13,182.000	13,182.000
0120	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	1,588.000	1,588.000
0122	601.0555	Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type A	LF	3,421.000	3,421.000
0124	602.0410	Concrete Sidewalk 5-Inch	SF	63,704.000	63,704.000
0126	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	860.000	860.000
0128	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	46.000	46.000
0130	602.0810	Concrete Driveway 6-Inch	SY	1,783.000	1,783.000
0132	602.0860	Concrete Driveway HES 6-Inch	SY	93.000	93.000
0134	602.1500	Concrete Steps	SF	312.000	312.000
0136	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	1,202.000	1,202.000
0138	608.0315	Storm Sewer Pipe Reinforced Concrete Class III 15-Inch	LF	497.000	497.000
0140	608.0318	Storm Sewer Pipe Reinforced Concrete Class III 18-Inch	LF	28.000	28.000
0142	608.0324	Storm Sewer Pipe Reinforced Concrete Class III 24-Inch	LF	2,805.000	2,805.000
0144	608.0330	Storm Sewer Pipe Reinforced Concrete Class III 30-Inch	LF	131.000	131.000
0146	608.0336	Storm Sewer Pipe Reinforced Concrete Class III 36-Inch	LF	126.000	126.000
0148	608.0412	Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch	LF	674.000	674.000
0150	608.0415	Storm Sewer Pipe Reinforced Concrete Class IV 15-Inch	LF	702.000	702.000
0152	608.0418	Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch	LF	35.000	35.000
0154	608.0424	Storm Sewer Pipe Reinforced Concrete Class IV 24-Inch	LF	329.000	329.000
0156	608.2324	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-III 24x38-Inch	LF	206.000	206.000
0158	608.2424	Storm Sewer Pipe Reinforced Concrete Horizontal Elliptical Class HE-IV 24x38-Inch	LF	165.000	165.000
0160	608.6008	Storm Sewer Pipe Composite 8-Inch	LF	8.000	8.000
0162	611.0530	Manhole Covers Type J	EACH	37.000	37.000
0164	611.0624	Inlet Covers Type H	EACH	68.000	68.000
0166	611.0627	Inlet Covers Type HM	EACH	12.000	12.000
0168	611.0636	Inlet Covers Type HM-S	EACH	2.000	2.000
0170	611.0639	Inlet Covers Type H-S	EACH	10.000	10.000
0172	611.1005	Catch Basins 5-FT Diameter	EACH	2.000	2.000
0174	611.2004	Manholes 4-FT Diameter	EACH	24.000	24.000
0176	611.2005	Manholes 5-FT Diameter	EACH	9.000	9.000
0178	611.2006	Manholes 6-FT Diameter	EACH	4.000	4.000
0180	611.2007	Manholes 7-FT Diameter	EACH	1.000	1.000
0182	611.3004	Inlets 4-FT Diameter	EACH	25.000	25.000
0184	611.3230	Inlets 2x3-FT	EACH	65.000	65.000
0186	612.0206	Pipe Underdrain Unperforated 6-Inch	LF	160.000	160.000
0188	612.0406	Pipe Underdrain Wrapped 6-Inch	LF	98.000	98.000
0190	618.0100	Maintenance and Repair of Haul Roads (project) 01. 5845-16-72	EACH	1.000	1.000
0192	619.1000	Mobilization	EACH	0.980	0.980
0194	620.0300	Concrete Median Sloped Nose	SF	504.000	504.000
0196	624.0100	Water	MGAL	280.000	280.000
0198	625.0100	Topsoil	SY	17,325.000	17,325.000
0200	628.1504	Silt Fence	LF	919.000	919.000

5845-16-72

Line	Item	Item Description	Unit	Total	Qty
0202	628.1520	Silt Fence Maintenance	LF	919.000	919.000
0204	628.1905	Mobilizations Erosion Control	EACH	18.000	18.000
0206	628.1910	Mobilizations Emergency Erosion Control	EACH	11.000	11.000
0208	628.2006	Erosion Mat Urban Class I Type A	SY	9,944.000	9,944.000
0210	628.7010	Inlet Protection Type B	EACH	14.000	14.000
0212	628.7015	Inlet Protection Type C	EACH	98.000	98.000
0214	628.7555	Culvert Pipe Checks	EACH	5.000	5.000
0216	629.0210	Fertilizer Type B	CWT	10.910	10.910
0218	630.0140	Seeding Mixture No. 40	LB	311.000	311.000
0220	630.0500	Seed Water	MGAL	1,459.000	1,459.000
0222	631.0300	Sod Water	MGAL	796.000	796.000
0224	631.1000	Sod Lawn	SY	8,825.000	8,825.000
0226	633.5200	Markers Culvert End	EACH	2.000	2.000
0228	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	6.000	6.000
0230	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	5.000	5.000
0232	634.0618	Posts Wood 4x6-Inch X 18-FT	EACH	2.000	2.000
0234	634.0810	Posts Tubular Steel 2x2-Inch X 10-FT	EACH	21.000	21.000
0236	634.0811	Posts Tubular Steel 2x2-Inch X 11-FT	EACH	3.000	3.000
0238	634.0812	Posts Tubular Steel 2x2-Inch X 12-FT	EACH	14.000	14.000
0240	637.2210	Signs Type II Reflective H	SF	199.500	199.500
0242	637.2230	Signs Type II Reflective F	SF	38.560	38.560
0244	638.2102	Moving Signs Type II	EACH	120.000	120.000
0246	638.2602	Removing Signs Type II	EACH	18.000	18.000
0248	638.3000	Removing Small Sign Supports	EACH	31.000	31.000
0250	638.4000	Moving Small Sign Supports	EACH	69.000	69.000
0252	642.5401	Field Office Type D	EACH	1.000	1.000
0254	643.0300	Traffic Control Drums	DAY	1,276.000	1,276.000
0256	643.0410	Traffic Control Barricades Type II	DAY	1,264.000	1,264.000
0258	643.0420	Traffic Control Barricades Type III	DAY	9,272.000	9,272.000
0260	643.0705	Traffic Control Warning Lights Type A	DAY	18,544.000	18,544.000
0262	643.0715	Traffic Control Warning Lights Type C	DAY	1,276.000	1,276.000
0264	643.0900	Traffic Control Signs	DAY	70,868.000	70,868.000
0266	643.0910	Traffic Control Covering Signs Type I	EACH	4.000	4.000
0268	643.0920	Traffic Control Covering Signs Type II	EACH	25.000	25.000
0270	643.1050	Traffic Control Signs PCMS	DAY	14.000	14.000
0272	643.5000	Traffic Control	EACH	1.000	1.000
0274	644.1410	Temporary Pedestrian Surface Asphalt	SF	5,980.000	5,980.000
0276	644.1601	Temporary Pedestrian Curb Ramp	DAY	2,037.000	2,037.000
0278	644.1810	Temporary Pedestrian Barricade	LF	2,714.000	2,714.000
0280	646.2020	Marking Line Epoxy 6-Inch	LF	13,775.000	13,775.000
0282	646.2040	Marking Line Grooved Wet Ref Epoxy 6-Inch	LF	12,760.000	12,760.000
0284	646.4020	Marking Line Epoxy 10-Inch	LF	525.000	525.000
0286	646.4040	Marking Line Grooved Wet Ref Epoxy 10-Inch	LF	620.000	620.000
0288	646.5020	Marking Arrow Epoxy	EACH	33.000	33.000
0290	646.5120	Marking Word Epoxy	EACH	2.000	2.000
0292	646.5220	Marking Symbol Epoxy	EACH	20.000	20.000
0294	646.5320	Marking Railroad Crossing Epoxy	EACH	2.000	2.000
0296	646.6120	Marking Stop Line Epoxy 18-Inch	LF	435.000	435.000
0298	646.6466	Cold Weather Marking Epoxy 6-Inch	LF	4,340.000	4,340.000

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Line	Item	Item Description	Unit	Total	Qty
0300	646.6470	Cold Weather Marking Epoxy 10-Inch	LF	75.000	75.000
0302	646.7120	Marking Diagonal Epoxy 12-Inch	LF	163.000	163.000
0304	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	1,981.000	1,981.000
0306	646.7520	Marking Crosswalk Epoxy Block Style 24-Inch	LF	1,408.000	1,408.000
0308	646.8120	Marking Curb Epoxy	LF	281.000	281.000
0310	646.8220	Marking Island Nose Epoxy	EACH	8.000	8.000
0312	646.8320	Marking Parking Stall Epoxy	LF	118.000	118.000
0314	650.4000	Construction Staking Storm Sewer	EACH	131.000	131.000
0316	650.4500	Construction Staking Subgrade	LF	9,209.000	9,209.000
0318	650.5000	Construction Staking Base	LF	758.000	758.000
0320	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	1,352.000	1,352.000
0322	650.6000	Construction Staking Pipe Culverts	EACH	1.000	1.000
0324	650.6501	Construction Staking Structure Layout (structure) 01. R-13-373	EACH	1.000	1.000
0326	650.7000	Construction Staking Concrete Pavement	LF	8,402.000	8,402.000
0328	650.8501	Construction Staking Electrical Installations (project) 01. 5845-16-72	EACH	1.000	1.000
0330	650.9000	Construction Staking Curb Ramps	EACH	54.000	54.000
0332	650.9500	Construction Staking Sidewalk (project) 01. 5845-16-72	EACH	1.000	1.000
0334	650.9911	Construction Staking Supplemental Control (project) 01. 5845-16-72	EACH	1.000	1.000
0336	650.9920	Construction Staking Slope Stakes	LF	9,209.000	9,209.000
0338	652.0225	Conduit Rigid Nonmetallic Schedule 40 2-Inch	LF	4,048.000	4,048.000
0340	652.0235	Conduit Rigid Nonmetallic Schedule 40 3-Inch	LF	847.000	847.000
0342	652.0800	Conduit Loop Detector	LF	812.000	812.000
0344	653.0154	Pull Boxes Non-Conductive 24x36-Inch	EACH	4.000	4.000
0346	653.0164	Pull Boxes Non-Conductive 24x42-Inch	EACH	30.000	30.000
0348	653.0905	Removing Pull Boxes	EACH	17.000	17.000
0350	654.0101	Concrete Bases Type 1	EACH	4.000	4.000
0352	654.0102	Concrete Bases Type 2	EACH	2.000	2.000
0354	654.0105	Concrete Bases Type 5	EACH	22.000	22.000
0356	654.0120	Concrete Bases Type 10-Special	EACH	2.000	2.000
0358	654.0217	Concrete Control Cabinet Bases Type 9 Special	EACH	1.000	1.000
0360	654.0224	Concrete Control Cabinet Bases Type L24	EACH	2.000	2.000
0362	655.0230	Cable Traffic Signal 5-14 AWG	LF	600.000	600.000
0364	655.0260	Cable Traffic Signal 12-14 AWG	LF	1,500.000	1,500.000
0366	655.0305	Cable Type UF 2-12 AWG Grounded	LF	965.000	965.000
0368	655.0515	Electrical Wire Traffic Signals 10 AWG	LF	1,235.000	1,235.000
0370	655.0610	Electrical Wire Lighting 12 AWG	LF	3,300.000	3,300.000
0372	655.0620	Electrical Wire Lighting 8 AWG	LF	23,530.000	23,530.000
0374	655.0630	Electrical Wire Lighting 4 AWG	LF	4,533.000	4,533.000
0376	655.0700	Loop Detector Lead In Cable	LF	4,240.000	4,240.000
0378	655.0800	Loop Detector Wire	LF	3,946.000	3,946.000
0380	655.0900	Traffic Signal EVP Detector Cable	LF	235.000	235.000
0382	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. USH 51 & CTH N	EACH	1.000	1.000
0384	656.0201	Electrical Service Meter Breaker Pedestal (location) 01. USH 51 & Morris St	EACH	1.000	1.000
0386	656.0201	Electrical Service Meter Breaker Pedestal (location) 02. USH 51 & S 6th St	EACH	1.000	1.000
0388	657.0100	Pedestal Bases	EACH	4.000	4.000
0390	657.0255	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	2.000	2.000
0392	657.0310	Poles Type 3	EACH	2.000	2.000
0394	657.0352	Poles Type 10-Special	EACH	2.000	2.000
0396	657.0425	Traffic Signal Standards Aluminum 15-FT	EACH	4.000	4.000

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Line	Item	Item Description	Unit	Total	Qty
0398	657.0541	Monotube Arms 40-FT-Special	EACH	2.000	2.000
0400	657.0704	Luminaire Arms Truss Type 4-Inch Clamp 10-FT	EACH	2.000	2.000
0402	657.0810	Luminaire Arms Steel 10-FT	EACH	2.000	2.000
0404	658.0173	Traffic Signal Face 3S 12-Inch	EACH	14.000	14.000
0406	658.0174	Traffic Signal Face 4S 12-Inch	EACH	2.000	2.000
0408	658.0416	Pedestrian Signal Face 16-Inch	EACH	8.000	8.000
0410	658.0500	Pedestrian Push Buttons	EACH	8.000	8.000
0412	658.5070	Signal Mounting Hardware (location) 01. USH 51 & CTH N	EACH	1.000	1.000
0414	659.1125	Luminaires Utility LED C	EACH	4.000	4.000
0416	659.2124	Lighting Control Cabinets 120/240 24-Inch	EACH	2.000	2.000
0418	659.5000.S	Lamp, Ballast, LED, Switch Disposal by Contractor	EACH	12.000	12.000
0420	690.0150	Sawing Asphalt	LF	1,861.000	1,861.000
0422	690.0250	Sawing Concrete	LF	990.000	990.000
0424	715.0502	Incentive Strength Concrete Structures	DOL	696.000	696.000
0426	715.0720	Incentive Compressive Strength Concrete Pavement	DOL	11,687.000	11,687.000
0428	740.0440	Incentive IRI Ride	DOL	5,830.000	5,830.000
0430	999.1001.S	Seismograph	EACH	1.000	1.000
0432	999.1501.S	Crack and Damage Survey	EACH	40.000	40.000
0434	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	2,400.000	2,400.000
0436	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	4,900.000	4,900.000
0438	SPV.0060	Special 01. Utility Line Opening	EACH	30.000	30.000
0440	SPV.0060	Special 02. Removing Traffic Signal (USH 51 & CTH N)	EACH	1.000	1.000
0442	SPV.0060	Special 03. Verify Landmark Reference Monuments	EACH	3.000	3.000
0444	SPV.0060	Special 04. Research and Locate Existing Land Parcel Monuments	EACH	112.000	112.000
0446	SPV.0060	Special 05. Verify and Replace Existing Land Parcel Monuments	EACH	112.000	112.000
0448	SPV.0060	Special 06. Removing Benches	EACH	1.000	1.000
0450	SPV.0060	Special 07. Removing Trash Cans	EACH	2.000	2.000
0452	SPV.0060	Special 08. Removing Planters	EACH	1.000	1.000
0454	SPV.0060	Special 09. Concrete Bases Type 5 Modified	EACH	22.000	22.000
0456	SPV.0060	Special 10. Decorative Lighting Unit	EACH	22.000	22.000
0486	SPV.0060	Special 25. Retroreflective Backplate 3S	EACH	14.000	14.000
0488	SPV.0060	Special 26. Retroreflective Backplate 4S	EACH	2.000	2.000
0490	SPV.0060	Special 27. Transformer Bases Breakaway -- 1/2-Inch Bolt Circle - Black	EACH	22.000	22.000
0492	SPV.0060	Special 28. Poles Type 5-Aluminum - Black	EACH	22.000	22.000
0494	SPV.0060	Special 29. Luminaire Arms Truss Type 4 1/2-Inch Clamp 15-FT - Black	EACH	22.000	22.000
0496	SPV.0060	Special 30. Luminaires Utility LED B - Black	EACH	22.000	22.000
0500	SPV.0060	Special 32. Salvage Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	EACH	4.000	4.000
0502	SPV.0075	Special 01. Obstructions Foundation Drilling	HRS	10.000	10.000
0504	SPV.0090	Special 01. Pipe Underdrain (6-Inch) With Geotextile Fabric and Aggregate	LF	14,474.000	14,474.000
0506	SPV.0090	Special 02. Concrete Curb & Gutter 24-Inch Type D	LF	51.000	51.000
0508	SPV.0090	Special 03. Foundation Drilling	LF	1,552.000	1,552.000
0510	SPV.0090	Special 05. Sidewalk Trench Drain	LF	16.000	16.000
0526	SPV.0110	Special 01. Timber Lagging	MBM	7.000	7.000
0528	SPV.0165	Special 01. Geocomposite Drain Board	SF	2,760.000	2,760.000

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REMOVING PAVEMENT SUMMARY

CATEGORY	STATION		STATION	204.0100 REMOVING CONCRETE PAVEMENT SY	REMARKS
0010	287+22	-	321+00	-	STAGE 1
	321+00	-	346+25	2,097	STAGE 2
	346+25	-	364+93	1,433	STAGE 3
			TOTAL	**3,530**	

REMOVING ANCILLARY CONCRETE SUMMARY

CATEGORY	STATION	STATION	204.0150 REMOVING CURB & GUTTER LF	204.0155 REMOVING CONCRETE SIDEWALK SY	204.9090.S.01 REMOVING SIDEWALK TRENCH DRAIN LF	REMARKS
0010	287+22	321+00	6,718	1,004	--	STAGE 1
	321+00	346+25	6,061	2,355	--	STAGE 2
	346+25	364+93	4,197	2,636	16	STAGE 3
		TOTAL	**16,976**	**5,995**	**16**	

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REMOVING STORM SEWER STRUCTURES SUMMARY

CATEGORY	LOCATION	204.0210 REMOVING MANHOLES EACH	204.0220 REMOVING INLETS EACH	REMARKS
0010	STAGE 1	2	6	
	STAGE 2	6	18	
	STAGE 3	7	22	
	TOTAL	**15**	**46**	

ELECTRICAL REMOVAL ITEMS

CATEGORY	SYSTEM	LOCATION	204.0195 REMOVING CONCRETE BASES EACH	204.9060.S.01 REMOVING STREET LIGHT EACH	653.0905 REMOVING PULL BOXES EACH	659.5000.S LAMP, BALLAST, LED, SWITCH DISPOSAL BY CONTRACTOR EACH	SPV.0060.32 SALVAGE TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	COMMENTS
0010	USH 51 & CTH N INTERSECTION	SW QUADRANT	3	--	5	3	1	
		NW QUADRANT	2	--	4	3	1	
		NE QUADRANT	2	--	4	3	1	
		SE QUADRANT	2	--	4	3	1	
		SUBTOTAL	9	0	17	12	4	
0030	DECORATIVE LIGHTING	357+00 RT	1	1	--	--	--	
		358+75 RT	1	1	--	--	--	
		360+40 RT	1	1	--	--	--	
		361+90 RT	1	1	--	--	--	
		363+15 RT	1	1	--	--	--	
		363+75 LT	1	1	--	--	--	
		363+90 RT	1	1	--	--	--	
		364+70 RT	1	1	--	--	--	
		364+70 LT	1	1	--	--	--	
		SUBTOTAL	9	9	0	0	0	
		TOTAL	**18**	**9**	**17**	**12**	**4**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

GRUBBING SUMMARY

STAGE	STA	-	STA	OFFSET	201.0205 GRUBBING STA	201.0220 GRUBBING ID	REMARKS
STAGE 1	290+21	-	291+90	--	2	--	
STAGE 1	10'SP'+49	-	11'SP'+70	--	2	--	
STAGE 1	311+46		--	32' RT	--	21	
STAGE 1	311+67		--	33' RT	--	21	
STAGE 1	312+10		--	33' RT	--	28	
STAGE 1	312+47		--	33' RT	--	22	
STAGE 1	312+68		--	32' RT	--	29	
STAGE 2	322+29		--	21' RT	--	28	
STAGE 2	326+25		--	26' RT	--	26	
STAGE 2	332+84		--	27' RT	--	23	
STAGE 2	332+94		--	25' LT	--	3	
STAGE 2	333+19		--	27' RT	--	21	
STAGE 2	333+53		--	26' RT	--	28	
STAGE 2	334+08		--	25' LT	--	8	
STAGE 2	334+99		--	25' LT	--	8	
STAGE 2	335+22		--	25' LT	--	10	
STAGE 2	335+67		--	25' LT	--	9	
STAGE 2	336+03		--	25' LT	--	11	
STAGE 2	336+15		--	25' RT	--	4	
STAGE 2	336+48		--	25' RT	--	3	
STAGE 2	336+79		--	26' RT	--	4	
STAGE 2	336+82		--	25' LT	--	9	
STAGE 2	336+99		--	25' LT	--	14	
STAGE 2	337+14		--	25' LT	--	8	
STAGE 2	337+19		--	25' RT	--	3	
STAGE 2	337+69		--	25' LT	--	11	
STAGE 2	337+85		--	26' LT	--	7	
STAGE 2	338+24		--	25' LT	--	11	
STAGE 2	338+63		--	42' RT	--	28	
STAGE 2	339+65		--	25' LT	--	7	
STAGE 2	339+84		--	26' LT	--	12	
STAGE 2	340+25		--	25' LT	--	8	
STAGE 2	340+33		--	26' LT	--	3	
STAGE 2	340+62		--	26' LT	--	11	
STAGE 2	340+86		--	24' RT	--	4	
STAGE 2	341+19		--	25' RT	--	5	
STAGE 2	341+20		--	26' LT	--	8	
STAGE 2	341+48		--	26' LT	--	14	
STAGE 2	341+52		--	24' RT	--	4	
STAGE 2	342+87		--	25' LT	--	15	
STAGE 2	342+95		--	24' RT	--	3	
STAGE 2	343+06		--	25' LT	--	11	
STAGE 2	343+24		--	25' LT	--	8	
STAGE 2	343+47		--	24' RT	--	3	
STAGE 2	344+12		--	24' RT	--	3	
STAGE 2	344+89		--	26' LT	--	9	

GRUBBING SUMMARY CONTINUED

STAGE	STA	-	STA	OFFSET	201.0205 GRUBBING STA	201.0220 GRUBBING ID	REMARKS
STAGE 3	346+72		--	25' LT	--	13	
STAGE 3	347+20		--	25' LT	--	7	
STAGE 3	347+94		--	25' RT	--	4	
STAGE 3	348+38		--	25' RT	--	4	
STAGE 3	348+57		--	25' LT	--	7	
STAGE 3	348+76		--	25' LT	--	13	
STAGE 3	349+22		--	24' LT	--	13	
STAGE 3	349+41		--	25' LT	--	10	
STAGE 3	349+66		--	25' LT	--	11	
STAGE 3	349+89		--	24' LT	--	8	
STAGE 3	350+01		--	25' RT	--	5	
STAGE 3	350+11		--	25' LT	--	8	
STAGE 3	362+06	-	363+84	--	2	--	
STAGE 3	10'5TH'+72		--	22' RT	--	5	
TOTAL					**6**	**634**	

REMOVING STORM SEWER PIPES SUMMARY

CATEGORY	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	204.0245.01 REMOVING STORM SEWER 10-INCH LF	204.0245.02 REMOVING STORM SEWER 12-INCH LF	204.0245.03 REMOVING STORM SEWER 15-INCH LF	204.0245.04 REMOVING STORM SEWER 18-INCH LF	204.0245.05 REMOVING STORM SEWER 24-INCH LF	204.0245.06 REMOVING STORM SEWER 24X38-INCH LF	REMARKS
0010	STAGE 1	2	--	214	1,064	--	--	--	
	STAGE 2	--	21	450	270	334	127	--	
	STAGE 3	--	--	248	443	136	94	373	
	TOTAL	**2**	**21**	**912**	**1,777**	**470**	**221**	**373**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

DIVISION	FROM/TO STATION	LOCATION	205.0100 EXCAVATION COMMON (1) CUT (2) (P)	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION (3)	SALVAGED/UNUSABLE PAVEMENT MATERIAL (4)	AVAILABLE MATERIAL (5)	EXPANDED EBS BACKFILL (11) FACTOR 1.30	UNEXPANDED FILL (Q)	EXPANDED FILL (13) FACTOR 1.25	MASS ORDINATE +/- (14)	WASTE	COMMENT
STAGE 1		USH 51	16,016	801	2,256	13,760	1,041	98	123	13,637	13,637	
		SPRING RD	556	28	30	526	36	-22	-28	554	554	
		RACETRACK RD	190	10	18	172	12	-6	-8	180	180	
		ASHBERRY LN	211	11	17	194	14	-7	-9	203	203	
		CTH A	530	27	97	433	34	-22	-27	460	460	
		CTH N	924	46	123	801	60	-39	-48	850	850	
STAGE 1 TOTALS			18,427	921	2,541	15,886	1,198	2	2	15,884	15,884	
STAGE 2		USH 51	10,990	550	1,044	9,946	714	-268	-336	10,282	10,282	
		CHALET DR	279	14	28	251	18	-13	-16	267	267	
		AMUNDSON PKWY	288	14	25	263	19	-10	-12	275	275	
		N HENRY ST	226	11	15	211	15	-9	-11	222	222	
		S HENRY ST	287	14	17	270	19	-14	-17	287	287	
		N MORRIS ST	368	18	25	343	24	-15	-19	362	362	
		S MORRIS ST	79	4	8	71	5	-3	-4	75	75	
		N FRANKLIN ST	192	10	16	176	12	-3	-4	180	180	
		S FRANKLIN ST	244	12	19	225	16	-3	-4	229	229	
		ACADEMY ST	108	5	10	98	7	-5	-6	104	104	
STAGE 2 TOTALS			13,061	653	1,207	11,854	849	-343	-429	12,282	12,282	
STAGE 3		USH 51	10,403	520	1,388	9,015	676	345	432	8,583	8,583	
		CHURCH ST	68	3	7	61	4	3	4	57	57	
		N LYNN ST	73	4	7	66	5	4	5	61	61	
		S LYNN ST	192	10	8	184	12	5	7	178	178	
		HILLSDALE AVE	248	12	20	228	16	-12	-15	243	243	
		7TH ST	132	7	10	122	9	7	9	113	113	
		6TH ST	242	12	17	225	16	-10	-13	238	238	
		5TH ST	353	18	23	330	23	-12	-15	345	345	
STAGE 3 TOTALS			11,711	586	1,480	10,231	761	331	413	9,818	9,818	
GRAND TOTAL			43,199	2,160	5,228	37,971	2,808	-10	-13	37,984	37,984	
TOTAL COMMON EXC			45,359									

NOTES:

(1) EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100

(2) SALVAGED/UNSUABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.

(3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT CRUSHED MATERIAL.

(4) SALVAGED/UNUSABLE PAVEMENT MATERIAL

5) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSUABLE PAVEMENT MATERIAL

(6) MARSH EXCAVATION - TO BE BACKFILLED WITH SELECT BORROW MATERIAL. NOTE: THIS IS DESIGNERS CHOICE, CAN BE BACKFILLED WITH BORROW, OR CUT AS WELL. ITEM NUMBER 205.0500

(7) ROCK EXCAVATION ITEM NUMBER 205.0200

(8) REDUCED MARSH IN FILL - EXCAVATED MARSH MATERIAL IS USUABLE IN FILLS OUTSIDE THE 1:1 SLOPE. MARSH IN FILL REDUCTION FACTOR = X.1X

(9) REDUCED EBS IN FILL - EXCAVATED EBS MATERIAL IS USUABLE IN FILLS OUTSIDE THE 1:1 SLOPE. EBS IN FILL REDUCTION FACTOR = X.2X

(10) EXPANDED MARSH BACKFILL - THIS IS TO BE FILLED WITH SELECT BORROW MATERIAL. MARSH BACKFILL FACTOR = X.3X. ITEM NUMBER 208.1100

(11) EXPANDED EBS BACKFILL - THIS IS TO BE FILLED WITH SELECT BORROW MATERIAL. EBS BACKFILL FACTOR = 1.30. ITEM NUMBER 208.1100

(12) EXPANDED ROCK FACTOR = X.5X

(13) EXPANDED FILL FACTOR = 1.25

DEPENDING ON SELECTIONS: **EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH - REDUCED EBS) * FILL FACTOR**

OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED EBS) * FILL FACTOR

OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK - REDUCED MARSH) * FILL FACTOR

OR EXPANDED FILL = (UNEXPANDED FILL - EXPANDED ROCK) * FILL FACTOR

(14) THE MASS ORDINATE + OR - QTY CALCULATED FOR THE DIVISION. PLUS QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.

(15) FACTORS USED TO COMPUTE ANTICIPATED WASTE AND THE COMPUTED WASTE VOLUME IDENTIFIED ARE FOR GENERAL INFORMATION ONLY.

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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AGGREGATE SUMMARY

CATEGORY	STATION	STATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0120 * BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON	REMARKS
0010	287+22	321+00	67	6,344	12,020	STAGE 1
	321+00	346+25	--	4,860	9,209	STAGE 2
	346+25	364+93	--	3,818	7,234	STAGE 3
	UNDISTRIBUTED		--	--	3,888	EBS
		TOTAL	**67**	**15,022**	**28,463**	

*ADDITIONAL QUANTITIES LISTED ESLEWHERE

CONCRETE PAVEMENT SUMMARY

CATEGORY	STATION		STATION	405.0100 COLORING CONCRETE WISDOT RED CY	405.1000 STAMPING COLORED CONCRETE CY	415.0080 CONCRETE PAVEMENT 8- INCH SY	415.4100 CONCRETE PAVEMENT JOINT FILLING SY	416.0620 DRILLED DOWEL BARS EACH	REMARKS	
0010	287+22	-	321+00	--	--	16,686	17,592	--	STAGE 1	
	321+00	-	346+25	--	--	12,238	13,895	--	STAGE 2	
	346+25	-	364+93	--	--	10,033	11,180	24	STAGE 3	
	CAT 0010 SUBTOTAL			**0**	**0**	**38,957**	**42,667**	**24**		
0040	310+22	-	310+50	--	2	--	--	--	STAGE 1	ASHBERRY LN
	331+58	-	331+90	--	2	--	--	--	STAGE 2	AMUNDSON PKWY
	339+21	-	339+49	--	2	--	--	--	STAGE 2	MORRIS ST
	346+55	-	346+83	--	2	--	--	--	STAGE 3	ACADEMY ST
	350+97	-	351+25	--	2	--	--	--	STAGE 3	LYNN ST
	363+79	-	364+93	21	7	--	--	--	STAGE 3	FIFTH ST
	CAT 0040 SUBTOTAL			**21**	**17**	**0**	**0**	**0**		

ASPHALT PAVEMENT SUMMARY

CATEGORY	LOCATION	AREA SY	LOWER LAYER DEPTH IN	MIDDLE LAYER DEPTH IN	UPPER LAYER DEPTH IN	450.4000 HMA COLD WEATHER PAVING TON	455.0605 TACK COAT GAL	460.6224 HMA PAVEMENT 4 MT 58-28 S TON	465.0105 ASPHALTIC SURFACE TON	465.0315 ASPHALTIC FLUMES SY	REMARKS
0010	SPRING RD	233	2	--	2.00	--	12	52	--	17	STAGE 1
	RACE TRACK RD	48	2.00	--	2.00	--	2	11	--	--	STAGE 1
	ASHBERRY LN	93	2.00	--	2.00	--	5	21	--	--	STAGE 1
	CTH N	793	2.00	2.00	2.00	--	79	266	--	--	STAGE 1
	CHALET DR	253	2.00	--	2.00	--	25	57	--	--	STAGE 2
	ADMUNDSON PKWY	159	2.00	--	2.00	--	16	36	--	--	STAGE 2
	N HENRY ST	90	2.00	--	2.00	--	9	20	--	--	STAGE 2
	S HENRY ST	138	2.00	--	2.00	--	14	31	--	--	STAGE 2
	N MORRIS ST	227	2.00	--	2.00	--	23	51	--	--	STAGE 2
	S MORRIS ST	24	2.00	--	2.00	--	2	5	--	--	STAGE 2
	N FRANKLIN ST	128	2.00	--	2.00	--	13	29	--	--	STAGE 2
	S FRANKLIN ST	157	2.00	--	2.00	--	16	35	--	--	STAGE 2
	S ACADEMY ST	50	2.00	--	2.00	--	5	11	--	--	STAGE 2
	CHURCH ST	0	2.00	--	2.00	--	0	0	--	--	STAGE 3
	N LYNN ST	27	2.00	--	2.00	--	3	6	--	--	STAGE 3
	S LYNN ST	37	2.00	--	2.00	--	4	8	--	--	STAGE 3
	HILLSIDE AVE	78	2.00	--	2.00	--	4	17	--	--	STAGE 3
	RAILROAD	292	2.25	2.25	2.00	--	29	107	--	--	STAGE 3
	7TH	73	2.00	--	2.00	--	7	16	--	--	STAGE 3
	6TH	53	2.00	--	2.00	--	5	12	--	--	STAGE 3
	5TH	207	2.00	--	2.00	--	10	46	--	--	STAGE 3
	SIDEWALK	32	--	--	3.00	--	--	--	5	--	STAGE 3
	UNDISTRIBUTED	--	--	--	--	53	--	--	--	--	STAGE 3
	TOTAL					**53**	**283**	**837**	**5**	**17**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

RAILING PIPE SUMMARY

CATEGORY	STATION	513.2001 RAILING PIPE LF	REMARKS
0010	351+96	6	
0010	352+03	5	
0010	352+66	6	
0010	352+66	9	
	TOTAL	**26**	

SIDEWALK SUMMARY

CATEGORY	STATION	STATION	305.0120 * BASE AGGREGATE DENSE 1 1/4-INCH TON	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF	602.1500 CONCRETE STEPS SF	SPV.0090.05 SIDEWALK TRENCH DRAIN LF	REMARKS
0010	287+22	321+00	561	13,658	160	32	--	--	STAGE 1
	321+00	346+25	1,035	25,207	380	-	--	--	STAGE 2
	346+25	364+93	855	20,819	310	14	312	16	STAGE 3
	CATEGORY TOTAL		**2,451**	**59,684**	**850**	**46**	**312**	**16**	
0020	287+22	312+00	46	1,119	--	--	--	--	
	312+00	313+60	25	613	--	--	--	--	
	313+60	322+40	4	109	--	--	--	--	
	322+40	324+60	42	1,018	--	--	--	--	
	324+60	364+93	48	1,161	10	--	--	--	
	CATEGORY TOTAL		**165**	**4,020**	**10**	**--**	**--**	**--**	
	PROJECT TOTAL		**2,616**	**63,704**	**860**	**46**	**312**	**16**	

*ADDITIONAL QUANTITIES LISTED ESLEWHERE

RUMBLE STRIPS

CATEGORY	STATION	STATION	465.0520 RUMBLE STRIPS, SHOULDER LF	REMARKS
	286+00	- 292+00	729	Stage 1
	TOTAL		**729**	

DRIVEWAY SUMMARY

CATEGORY	STATION	LOCATION	305.0120 * BASE AGGREGATE DENSE 1 1/4-INCH TON	602.0810 CONCRETE DRIVEWAY 6-INCH SY	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	602.0860 CONCRETE DRIVEWAY HES 6-INCH SY	REMARKS
0010	287+22	321+00	227	306	64		STAGE 1
	321+00	346+25	375	909	41		STAGE 2
	346+25	364+93	249	661	21	93	STAGE 3
		TOTAL	**851**	**1,783**	**126**	**93**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

ADDITIONAL QUANITIES LISTED ELSEWHERE

UNDERDRAIN SUMMARY

CATEGORY	STATION	-	STATION	SPV.0090.01 PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE LF	REMARKS
0010	288+00	-	306+02	3,210	
	306+02	-	320+79	2,969	
	320+79	-	336+68	3,195	
	336+68	-	352+29	2,644	
	352+29	-	364+93	2,182	
			TOTAL	**14,200**	

CURB AND GUTTER SUMMARY

CATEGORY	STATION	STATION	601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0555 CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE A LF	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	SPV.0090.02 CONCRETE CURB & GUTTER 24-INCH TYPE D LF	REMARKS
0010	287+22	321+00	56	8	3,226	335	3,421	108	--	STAGE 1
	321+00	346+25	176		5,861	834	-	288	--	STAGE 2
	346+25	364+93	56		4,095	419	-	108	51	STAGE 3
		TOTAL	**288**	**8**	**13,182**	**1,588**	**3,421**	**504**	**51**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	MISCELLANEOUS QUANTITIES	SHEET: 186	E

STORM SEWER STRUCTURE SUMMARY

STRUCTURE	STATION	OFFSET	LOCATION	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	611.0639 INLET COVERS TYPE H-S EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	633.5200 MARKERS CULVERT END EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	RIM** ELEVATION	INVERT*** ELEVATION	DEPTH**** FT
1	294+35.09	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	899.23	893.34	4.90
1.1	294+35.05	18.46' RT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	899.05	894.37	3.85
1.2	294+35.37	18.41' LT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	899.05	894.42	3.80
2	297+15.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	897.76	890.54	6.23
2.1	297+15.00	19.00' RT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	897.56	891.57	5.15
2.2	297+15.00	19.00' LT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	897.56	891.62	5.10
2.3	297+07.00	19.00' LT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	897.60	891.65	5.12
3	300+46.97	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	1	896.01	886.22	8.88
3.1	300+45.39	80.24' RT	US 51_NB	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	886.01	--
3.2	300+46.97	18.87' RT	US 51_NB	--	--	--	--	1	--	--	1	--	--	--	--	--	--	--	1	895.82	886.19	8.96
3.3	300+47.75	18.28' LT	US 51_NB	--	--	--	--	1	--	--	1	--	--	--	--	--	--	--	1	895.83	886.30	8.87
3.4	300+48.19	46.10' LT	US 51_NB	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	886.39	--
4	302+57.03	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.93	889.32	4.62
4.1	302+57.00	19.00' RT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	894.73	890.35	3.55
4.2	302+57.00	19.00' LT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	894.73	890.41	3.49
5	303+34.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.79	889.55	4.25
5.1	303+34.00	19.00' RT	US 51_NB	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	1	894.59	890.58	3.17
5.2	303+34.00	19.00' LT	US 51_NB	--	--	--	--	--	1	--	--	--	--	--	--	--	1	--	1	894.59	890.64	3.12
6	305+86.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	896.34	890.31	5.04
6.1	305+86.00	19.00' RT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	896.14	891.34	3.97
6.2	305+87.03	21.50' LT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	896.24	891.95	3.46
6.3	306+05.00	18.50' LT	US 51_NB	--	--	--	--	1	--	--	--	--	--	--	--	--	1	--	1	896.40	891.79	3.61
7	307+21.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	898.21	891.66	5.56
7.1	307+21.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	898.03	892.69	4.51
7.2	307+21.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	898.03	892.74	4.45
8	308+94.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	900.21	893.39	5.84
8.1	308+94.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	900.03	894.42	4.78
8.1B	311+09.71	34.36' RT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	1	900.88	895.50	4.55
8.2	308+94.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	900.03	894.47	4.73
9	318+55.90	34.47' LT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	898.78	894.62	2.92
9.1	318+82.14	130.71' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	900.43	896.41	3.19
9.2	318+87.00	63.80' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	898.97	895.96	2.19
9.3	318+86.72	57.34' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	898.96	895.94	2.21
9.4	315+56.00	23.05' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	900.53	897.57	2.15
9.5	315+56.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	900.58	898.03	1.72
9.6	318+54.10	44.02' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	898.61	895.93	1.85
10	319+10.59	35.65' LT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	898.49	894.79	2.71
11	321+80.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	896.68	890.87	4.82
11.1	320+84.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	897.50	892.20	4.46
11.2	321+80.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	896.50	891.65	4.04
11.3	321+80.00	29.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	896.28	891.99	3.46
			SUBTOTALS	0	2	11	13	12		1		8	2	1		4	22	0	41			

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER STRUCTURE SUMMARY CONTINUED

STRUCTURE	STATION	OFFSET	LOCATION	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	611.0639 INLET COVERS TYPE H-S EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	633.5200 MARKERS CULVERT END EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	RIM** ELEVATION	INVERT*** ELEVATION	DEPTH**** FT
12	323+68.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	895.17	890.32	3.86
12.1	323+68.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.99	891.35	2.81
12.2	323+68.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.99	891.40	2.76
13	325+26.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	894.52	889.85	3.68
13.1	325+18.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	894.35	890.65	2.88
13.2	325+26.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.34	890.63	2.90
13.3	325+26.00	18.50' LT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	1	894.34	890.43	3.12
13.4	325+18.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	894.35	890.70	2.83
14	325+54.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.54	889.77	3.78
15	332+18.64	34.79' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	890.01	880.03	8.99
15.1	331+77.05	22.81' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	890.26	881.16	8.27
15.2	332+03.41	36.30' RT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	1	889.76	880.82	8.12
15.3	332+48.84	37.81' RT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	1	890.07	880.87	8.39
15.4	332+63.73	21.87' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	890.15	880.93	8.40
15.5	332+46.97	75.15' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	891.25	881.23	9.19
16	332+19.71	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	890.39	880.10	9.30
16.1	332+20.96	21.40' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	890.12	880.95	8.36
16.2	332+28.77	21.06' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	890.12	881.22	8.07
17	333+93.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	892.53	881.84	9.71
17.1	333+93.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	892.31	882.87	8.62
17.2	333+93.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	892.31	882.92	8.56
18	336+00.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.74	883.91	9.85
18.1	335+41.22	49.12' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.45	885.15	8.46
18.2	335+70.62	48.88' RT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	894.51	885.06	8.61
18.3	336+00.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	893.62	884.69	8.12
18.4	336+60.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.83	885.12	8.88
18.5	336+00.00	19.75' LT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	894.52	884.99	8.69
18.6	336+60.00	19.83' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.72	885.17	8.72
18.7	335+70.81	74.88' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	895.16	885.14	9.18
19	339+00.00	10.48' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	895.84	890.03	4.82
19.1	338+99.89	93.89' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	896.76	891.28	4.64
19.2	339+00.04	40.92' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	895.58	890.87	3.90
20	341+27.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.80	889.35	4.46
20.1	340+58.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	895.04	890.34	3.89
20.2	341+27.00	18.50' RT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	1	894.62	890.13	3.67
20.3	341+27.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.62	890.43	3.35
21	342+13.97	8.84' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.62	889.09	4.54
22	342+13.85	38.40' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	895.24	890.18	3.99
22.1	341+97.70	38.39' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.93	890.23	3.86
22.2	342+30.70	37.96' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	894.92	890.23	3.86
24	343+50.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	893.79	888.68	4.12
24.1	343+50.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	893.93	889.71	3.38
24.2	343+50.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	893.25	889.77	2.65
25	344+80.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	893.28	887.79	4.54
25.1	344+72.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	893.43	888.05	4.56
			SUBTOTALS	0	0	13	26	0	--	6	--	10	3	0	--	11	21	0	45	--		

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER STRUCTURE SUMMARY CONTINUED

STRUCTURE	STATION	OFFSET	LOCATION	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0636 INLET COVERS TYPE HM-S EACH	611.0639 INLET COVERS TYPE H-S EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2007 MANHOLES 7-FT DIAMETER EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	633.5200 MARKERS CULVERT END EACH	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	RIM** ELEVATION	INVERT*** ELEVATION	DEPTH**** FT
25.2	344+80.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	893.42	888.00	4.58
25.3	344+80.00	18.50' LT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	1	892.74	888.09	3.84
25.4	344+50.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	892.77	888.18	3.78
25.5	344+20.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	892.86	888.27	3.78
26	345+55.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	1	893.46	887.57	4.95
27	345+55.00	19.61' LT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	892.84	887.48	4.41
27.1	345+76.11	19.61' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	893.02	889.05	3.14
28	345+55.33	46.86' LT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	892.60	887.40	4.25
29	345+85.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	893.64	888.16	4.49
29.1	345+85.03	19.94' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	893.81	888.21	4.85
30	347+21.00	9.00' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.56	888.57	5.00
30.1	347+21.00	23.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	893.92	889.41	3.69
31	347+21.00	33.08' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	894.89	888.64	5.26
31.1	347+07.71	33.08' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	894.69	889.43	4.45
31.2	347+50.11	33.14' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	894.91	889.47	4.62
31.3	347+70.00	23.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	895.13	889.79	4.51
32	353+60.89	18.86' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	881.22	874.90	5.26
32.1	353+70.69	86.39' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	878.91	875.58	2.50
32.2	353+50.17	71.17' RT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	--	1	--	1	880.04	875.43	3.78
32.3	353+54.93	59.64' RT	US 51_NB	--	--	--	--	--	--	1	--	--	--	--	--	1	--	--	1	880.00	875.11	4.08
32.4	353+32.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	883.70	875.31	7.55
32.5	353+32.00	18.30' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	882.34	875.49	6.02
33	355+10.96	11.82' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	867.52	864.02	2.44
33.1	355+11.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	867.16	864.77	1.56
33.2	354+12.00	18.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	875.25	872.93	1.48
34	356+07.32	24.75' RT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	--	--	--	--	1	864.03	859.88	3.11
34.1	356+10.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	863.54	859.90	2.83
34.2	356+02.00	18.50' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	1	863.55	859.94	2.80
34.3	356+16.00	20.00' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	863.52	860.01	2.69
34.4	356+08.00	19.50' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	863.53	860.29	2.41
35	357+77.40	11.83' RT	US 51_NB	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	1	861.66	857.65	3.08
35.1	358+01.40	23.63' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	861.52	858.89	1.79
35.2	357+75.70	23.34' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	861.44	858.81	1.80
35.3	357+77.37	23.43' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	861.43	858.38	2.26
35.4	358+08.36	23.26' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	861.57	858.98	1.76
36	358+98.32	11.82' RT	US 51_NB	--	--	1	--	--	--	--	--	--	--	1	--	--	--	--	1	862.32	858.01	3.38
36.1	358+95.72	23.39' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	862.08	858.47	2.62
36.2	359+03.98	23.46' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	862.02	858.54	2.48
36.3	359+53.43	24.83' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	862.49	858.69	2.81
37	360+42.76	11.82' RT	US 51_NB	--	--	1	--	--	--	--	--	--	1	--	--	--	--	--	1	863.53	858.44	4.16
37.1	360+44.32	22.93' RT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	863.35	859.34	3.18
38	360+80.72	37.37' LT	US 51_NB	--	--	1	--	--	--	--	--	1	--	--	1	--	--	--	1	864.11	858.63	4.56
38.1	360+56.61	44.57' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	863.73	859.50	3.39
38.2	360+98.18	37.63' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	864.64	859.48	4.33
38.3	361+17.97	23.34' LT	US 51_NB	--	--	--	1	--	--	--	--	--	--	--	--	--	1	--	1	865.29	859.56	4.89
39.1	287+14.93	67.82' RT	US 51_NB	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	889.79	--
39.2	287+15.67	38.95' LT	US 51_NB	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	--	--	895.80	--
TOTALS				**2**	**2**	**37**	**68**	**12**	**2**	**10**	**2**	**24**	**9**	**4**	**1**	**25**	**65**	**2**	**131**			

REMARKS:
*STATIONS AND OFFSETS ARE TO CENTER OF STRUCTURE
**RIM ELEV IS AT THE INLET COVER FLANGE LOCATION
***FOR STRUCTURES WITH SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE SUMP. FOR STRUCTURES WITHOUT SUMPS, THE INVERT ELEVATION IS THE ELEVATION OF THE LOWEST PIPE FLOW LINE
****DEPTH = RIM ELEV - TOP OF STRUCTURE BASE ELEV - COVER HEIGHT - 6-INCH ADJUSTMENT RING HEIGHT

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER PIPE SUMMARY

FROM STRUC		TO STRUC		520.3324 CULVERT PIPE CLASS III-A 24-INCH LF	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.2324 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 24X38-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	608.6008 STORM SEWER PIPE COMPOSITE 8-INCH LF	520.8000 CONCRETE COLLARS FOR PIPE EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
1	-	2	US 51_NB	--	--	--	--	280	--	--	--	--	--	--	--	--	--	--	--	893.34	890.54	0.0100
1.1	-	1	US 51_NB	--	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	894.37	894.34	0.0030
1.2	-	1	US 51_NB	--	27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	894.42	894.34	0.0030
2	-	3	US 51_NB	--	--	--	--	332	--	--	--	--	--	--	--	--	--	--	--	890.54	887.22	0.0100
2.1	-	2	US 51_NB	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.57	891.54	0.0030
2.2	-	2	US 51_NB	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.62	891.54	0.0030
2.3	-	2.2	US 51_NB	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.65	891.62	0.0030
3	-	3.2	US 51_NB	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	886.22	886.19	0.0030
3.2	-	3.1	US 51_NB	--	--	--	--	--	--	61	--	--	--	--	--	--	--	--	--	886.19	886.01	0.0030
3.3	-	3	US 51_NB	--	--	--	--	--	--	27	--	--	--	--	--	--	--	--	--	886.30	886.22	0.0030
3.4	-	3.3	US 51_NB	--	--	--	--	--	--	28	--	--	--	--	--	--	--	--	--	886.39	886.30	0.0030
4	-	3	US 51_NB	--	--	--	--	210	--	--	--	--	--	--	--	--	--	--	--	889.32	887.22	0.0100
4.1	-	4	US 51_NB	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	890.35	890.32	0.0030
4.2	-	4	US 51_NB	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	890.41	890.32	0.0030
5	-	4	US 51_NB	--	--	--	--	77	--	--	--	--	--	--	--	--	--	--	--	889.55	889.32	0.0030
5.1	-	5	US 51_NB	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	890.58	890.55	0.0030
5.2	-	5	US 51_NB	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	890.64	890.55	0.0030
6	-	5	US 51_NB	--	--	--	--	252	--	--	--	--	--	--	--	--	--	--	--	890.31	889.55	0.0030
6.1	-	6	US 51_NB	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.34	891.31	0.0030
6.2	-	6	US 51_NB	--	31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.95	891.31	0.0210
6.3	-	6.2	US 51_NB	--	18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	892.00	891.95	0.0030
7	-	6	US 51_NB	--	--	--	--	135	--	--	--	--	--	--	--	--	--	--	--	891.66	890.31	0.0100
7.1	-	7	US 51_NB	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	892.69	892.66	0.0030
7.2	-	7	US 51_NB	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	892.74	892.66	0.0030
8	-	7	US 51_NB	--	--	--	--	173	--	--	--	--	--	--	--	--	--	--	--	893.39	891.66	0.0100
8.1	-	8	US 51_NB	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	894.42	894.39	0.0030
8.1B	-	8.1	US 51_NB	--	216	--	--	--	--	--	--	--	--	--	--	--	--	--	--	895.50	894.42	0.0050
8.2	-	8	US 51_NB	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	894.47	894.39	0.0030
9	-	10	US 51_NB	--	--	--	--	--	--	--	--	--	--	--	55	--	--	--	--	894.96	894.79	0.0031
9.1	-	9.2	US 51_NB	--	--	--	--	--	--	--	67	--	--	--	--	--	--	--	--	896.41	896.21	0.0030
9.2	-	9.3	US 51_NB	--	--	--	--	--	--	--	--	6	--	--	--	--	--	--	--	895.96	895.94	0.0030
9.3	-	9	US 51_NB	--	--	--	--	--	--	--	--	97	--	--	--	--	--	--	--	895.94	895.65	0.0030
9.4	-	9	US 51_NB	--	--	--	--	--	--	--	--	299	--	--	--	--	--	--	--	897.57	895.65	0.0064
9.5	-	9.4	US 51_NB	--	--	--	--	--	--	--	42	--	--	--	--	--	--	--	--	898.03	897.82	0.0050
9.6	-	9	US 51_NB	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	895.93	895.90	0.0030
10	-	CONCOL1	US 51_NB	--	--	--	--	--	--	--	--	--	--	--	11	--	--	--	1	894.79	894.75	0.0034
11	-	12	US 51_NB	--	--	--	--	188	--	--	--	--	--	--	--	--	--	--	--	890.87	890.32	0.0029
11.1	-	11.2	US 51_NB	--	96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	892.20	891.90	0.0032
11.2	-	11	US 51_NB	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	891.65	891.62	0.0030
11.3	-	11	US 51_NB	--	39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.99	891.87	0.0030
12	-	13	US 51_NB	--	--	--	--	158	--	--	--	--	--	--	--	--	--	--	--	890.32	889.85	0.0030
12.1	-	12	US 51_NB	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.35	891.32	0.0030
12.2	-	12	US 51_NB	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.40	891.32	0.0030
13	-	14	US 51_NB	--	--	--	--	28	--	--	--	--	--	--	--	--	--	--	--	889.85	889.77	0.0030
13.1	-	13.2	US 51_NB	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	890.65	890.63	0.0030
13.2	-	13	US 51_NB	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	890.63	890.60	0.0030
13.3	-	13	US 51_NB	--	--	--	28	--	--	--	--	--	--	--	--	--	--	--	--	890.43	890.35	0.0030
13.4	-	13.3	US 51_NB	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	890.70	890.68	0.0030
14	-	CONCOL3	US 51_NB	--	--	--	--	16	--	--	--	--	--	--	--	--	--	--	1	889.77	889.69	0.0050
15	-	CONCOL2	US 51_NB	--	--	--	--	8	--	--	--	--	--	--	--	--	--	--	1	880.03	880.00	0.0030
15.1	-	15.2	US 51_NB	--	33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	881.16	881.07	0.0030
15.2	-	15	US 51_NB	--	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	880.82	880.78	0.0030
15.3	-	15	US 51_NB	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	880.87	880.78	0.0030
15.4	-	15.3	US 51_NB	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	880.93	880.87	0.0030
15.5	-	15.3	US 51_NB	--	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	881.23	881.12	0.0030
16	-	15	US 51_NB	--	--	--	--	26	--	--	--	--	--	--	--	--	--	--	--	880.10	880.03	0.0030
16.1	-	16	US 51_NB	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	880.95	880.85	0.0030
16.2	-	16.1	US 51_NB	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	881.22	881.20	0.0030
17	-	16	US 51_NB	--	--	--	--	173	--	--	--	--	--	--	--	--	--	--	--	881.84	880.10	0.0100
17.1	-	17	US 51_NB	--	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	882.87	882.84	0.0030
17.2	-	17	US 51_NB	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	882.92	882.84	0.0030
			SUBTOTALS	0	797	133	28	2056	0	126	119	402	0	66	0	0	0	3			

ALL ITEMS CATEGORY 0010 UNLESS NOTED

STORM SEWER PIPE SUMMARY CONTINUED

FROM STRUC		TO STRUC		520.3324 CULVERT PIPE CLASS III-A 24-INCH LF	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.2324 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 24X38-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	608.6008 STORM SEWER PIPE COMPOSITE 8-INCH LF	520.8000 CONCRETE COLLARS FOR PIPE EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
18	-	17	US 51_NB	--	--	--	--	207	--	--	--	--	--	--	--	--	--	--	--	883.91	881.84	0.0100
18.1	-	18.2	US 51_NB	--	29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	885.15	885.06	0.0030
18.2	-	18.3	US 51_NB	--	42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	885.06	884.94	0.0030
18.3	-	18	US 51_NB	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	884.69	884.66	0.0030
18.4	-	18.3	US 51_NB	--	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	885.12	884.94	0.0030
18.5	-	18	US 51_NB	--	29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	884.99	884.91	0.0030
18.6	-	18.5	US 51_NB	--	60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	885.17	884.99	0.0030
18.7	-	18.2	US 51_NB	--	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	885.14	885.06	0.0030
19	-	20	US 51_NB	--	--	--	--	227	--	--	--	--	--	--	--	--	--	--	--	890.03	889.35	0.0030
19.1	-	19.2	US 51_NB	--	53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	891.28	891.12	0.0030
19.2	-	19	US 51_NB	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	890.87	890.78	0.0030
20	-	21	US 51_NB	--	--	--	--	--	--	--	--	--	--	--	87	--	--	--	--	889.35	889.09	0.0030
20.1	-	20.2	US 51_NB	--	--	--	--	--	--	--	--	69	--	--	--	--	--	--	--	890.34	890.13	0.0030
20.2	-	20	US 51_NB	--	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	890.13	890.10	0.0030
20.3	-	20	US 51_NB	--	--	--	--	--	--	--	28	--	--	--	--	--	--	--	--	890.43	890.35	0.0030
21	-	24	US 51_NB	--	--	--	--	--	--	--	--	--	--	136	--	--	--	--	--	889.09	888.68	0.0030
22	-	21	US 51_NB	--	--	--	--	--	--	--	30	--	--	--	--	--	--	--	--	890.18	890.09	0.0030
22.1	-	22	US 51_NB	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--	--	890.23	890.18	0.0030
22.2	-	22	US 51_NB	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	890.23	890.18	0.0030
24	-	25	US 51_NB	--	--	--	--	130	--	--	--	--	--	--	--	--	--	--	--	888.68	888.29	0.0030
24.1	-	24	US 51_NB	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	889.71	889.68	0.0030
24.2	-	24	US 51_NB	--	--	--	--	--	--	--	28	--	--	--	--	--	--	--	--	889.77	889.68	0.0030
25	-	26	US 51_NB	--	--	--	--	--	75	--	--	--	--	--	--	--	--	--	--	887.79	887.57	0.0030
25.1	-	25.2	US 51_NB	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	888.05	888.03	0.0030
25.2	-	25	US 51_NB	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	888.03	888.00	0.0030
25.3	-	25	US 51_NB	--	--	28	--	--	--	--	--	--	--	--	--	--	--	--	--	888.09	888.01	0.0030
25.4	-	25.3	US 51_NB	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	888.18	888.09	0.0030
25.5	-	25.4	US 51_NB	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	888.27	888.18	0.0030
26	-	27	US 51_NB	--	--	--	--	--	29	--	--	--	--	--	--	--	--	--	--	887.57	887.48	0.0030
27	-	28	US 51_NB	--	--	--	--	--	27	--	--	--	--	--	--	--	--	--	--	887.48	887.40	0.0030
27.1	-	27	US 51_NB	--	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	889.05	888.98	0.0030
28	-	CONCOL(	US 51_NB	--	--	--	--	8	--	--	--	--	--	--	--	--	--	--	1	887.90	887.86	0.0050
29	-	26	US 51_NB	--	--	--	--	30	--	--	--	--	--	--	--	--	--	--	--	888.16	888.07	0.0030
29.1	-	29	US 51_NB	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--	--	888.21	888.16	0.0050
30	-	29	US 51_NB	--	--	--	--	136	--	--	--	--	--	--	--	--	--	--	--	888.57	888.16	0.0030
30.1	-	30	US 51_NB	--	--	--	--	--	--	--	--	33	--	--	--	--	--	--	--	889.41	889.32	0.0030
31	-	30	US 51_NB	--	--	--	--	--	--	--	--	--	--	24	--	--	--	--	--	888.64	888.57	0.0030
31.1	-	31	US 51_NB	--	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--	889.43	889.39	0.0030
31.2	-	31	US 51_NB	--	--	--	--	--	--	--	--	29	--	--	--	--	--	--	--	889.47	889.39	0.0030
31.3	-	31.2	US 51_NB	--	--	--	--	--	--	--	22	--	--	--	--	--	--	--	--	889.79	889.72	0.0030
32	-	33	US 51_NB	--	--	156	--	--	--	--	--	--	--	--	--	--	--	--	--	874.90	864.02	0.0700
32.1	-	32.2	US 51_NB	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	--	875.58	875.43	0.0050
32.2	-	32.3	US 51_NB	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--	--	875.43	875.36	0.0050
32.3	-	32	US 51_NB	--	--	--	--	--	--	--	--	41	--	--	--	--	--	--	--	875.11	874.90	0.0050
32.4	-	32	US 51_NB	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	--	875.31	875.15	0.0050
32.5	-	32.4	US 51_NB	--	--	--	--	--	--	--	37	--	--	--	--	--	--	--	--	875.49	875.31	0.0050
33	-	34	US 51_NB	--	--	--	--	--	--	--	--	97	--	--	--	--	--	--	--	864.02	860.23	0.0390
33.1	-	33	US 51_NB	--	--	--	--	--	--	--	30	--	--	--	--	--	--	--	--	864.77	864.03	0.0243
33.2	-	33.1	US 51_NB	--	--	--	--	--	--	--	96	--	--	--	--	--	--	--	--	872.93	864.77	0.0858
34	-	CONCOL1	US 51_NB	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	1	859.88	859.22	0.0822
34.1	-	34	US 51_NB	--	--	7	--	--	--	--	--	--	--	--	--	--	--	--	--	859.90	859.88	0.0030
34.2	-	34.1	US 51_NB	--	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--	859.94	859.90	0.0050
34.3	-	34.1	US 51_NB	--	--	39	--	--	--	--	--	--	--	--	--	--	--	--	--	860.01	859.90	0.0030
34.4	-	34.3	US 51_NB	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	860.29	860.26	0.0030
			SUBTOTALS	0	328	356	0	749	131	0	389	300	0	247	0	0	0	2			

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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STORM SEWER PIPE SUMMARY CONTINUED

FROM STRUC		TO STRUC		520.3324 * CULVERT PIPE CLASS III-A 24-INCH LF	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 15-INCH LF	608.0318 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 18-INCH LF	608.0324 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 24-INCH LF	608.0330 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 30-INCH LF	608.0336 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 36-INCH LF	608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0415 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 15-INCH LF	608.0418 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 18-INCH LF	608.0424 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 24-INCH LF	608.2324 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-III 24X38-INCH LF	608.2424 STORM SEWER PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL CLASS HE-IV 24X38-INCH LF	608.6008 STORM SEWER PIPE COMPOSITE 8-INCH LF	520.8000 CONCRETE COLLARS FOR PIPE EACH	INLET ELEVATION	DISCHARGE ELEVATION	SLOPE FT/FT
35	-	EXIST	US 51_NB	--	--	--	--	--	--	--	--	--	--	--	--	44	--	--	857.65	857.52	0.003
35.1	-	35.2	US 51_NB	--	--	--	--	--	--	--	26	--	--	--	--	--	--	--	858.89	858.81	0.0031
35.2	-	35	US 51_NB	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--	858.81	858.77	0.0034
35.3	-	35	US 51_NB	--	--	--	--	--	--	--	--	--	35	--	--	--	--	--	858.38	858.27	0.0031
35.4	-	35.3	US 51_NB	--	--	--	--	--	--	--	31	--	--	--	--	--	--	--	858.98	858.88	0.0032
36	-	35	US 51_NB	--	--	--	--	--	--	--	--	--	--	--	--	121	--	--	858.01	857.65	0.0030
36.1	-	36	US 51_NB	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--	859.05	859.01	0.0034
36.2	-	36	US 51_NB	--	--	--	--	--	--	--	36	--	--	--	--	--	--	--	859.12	859.00	0.0034
36.3	-	36.2	US 51_NB	--	--	--	--	--	--	--	49	--	--	--	--	--	--	--	859.27	859.12	0.0030
37	-	36	US 51_NB	--	--	--	--	--	--	--	--	--	--	--	144	--	--	--	858.44	858.01	0.0030
37.1	-	37	US 51_NB	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	859.34	859.30	0.0036
38	-	37	US 51_NB	--	--	--	--	--	--	--	--	--	--	--	62	--	--	--	858.63	858.44	0.0030
38.1	-	38	US 51_NB	--	25	--	--	--	--	--	--	--	--	--	--	--	--	--	859.50	859.42	0.0032
38.2	-	38	US 51_NB	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	859.48	859.42	0.0034
38.3	-	38.2	US 51_NB	--	24	--	--	--	--	--	--	--	--	--	--	--	--	--	859.56	859.48	0.0033
39.2	-	39.1	US 51_NB	108	--	--	--	--	--	--	--	--	--	--	--	--	--	--	895.80	889.79	0.0562
CONCOL4	-	31	US 51_NB	--	--	8	--	--	--	--	--	--	--	--	--	--	--	1	890.54	890.50	0.0050
CONCOL5	-	29.1	US 51_NB	--	--	--	--	--	--	--	--	--	--	8	--	--	--	1	889.48	889.44	0.0047
CONCOL8	-	38	US 51_NB	--	--	--	--	--	--	--	--	--	--	8	--	--	--	1	858.65	858.63	0.0030
COUPLING1	-	25.2	US 51_NB														8		888.17	888	0.0212
			TOTALS	**108**	**1,202**	**497**	**28**	**2,805**	**131**	**126**	**674**	**702**	**35**	**329**	**206**	**165**	**8**	**8**			

* .064” STEEL PIPE THICKNESS

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

WATER SUMMARY

624.0100

CATEGORY	LOCATION	WATER MGAL	REMARKS
0010	UNDISTRIBUTED	280	
	TOTAL	**280**	

FIELD OFFICE SUMMARY

642.5401

CATEGORY	LOCATION	FIELD OFFICE TYPE D EACH	REMARKS
0010	UNDISTRIBUTED	1	
	TOTAL	**1**	

3

EROSION CONTROL SUMMARY

CATEGORY	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7555 CULVERT PIPE CHECKS EACH	REMARKS
0010	STAGE 1	735	735	5	3	6,090	14	10	4	
	STAGE 2	--	--	6	4	1,440		39	--	
	STAGE 3	--	--	7	4	424		29	--	
	UNDISTRIBUTED	184	184	--	--	1,990	0	20	1	
	TOTAL	**919**	**919**	**18**	**11**	**9,944**	**14**	**98**	**5**	

LANDSCAPING SUMMARY

CATEGORY	STATION	625.0100 TOPSOIL SY	629.0210 FERTILIZER TYPE B CWT	630.0140 SEEDING MIXTURE NO. 40 LB	630.0500 SEED WATER MGAL	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY	REMARKS
0010	STAGE 1	8,080	5.09	145	681	200	2,380	
	STAGE 2	4,980	3.14	90	419	352	3,920	
	STAGE 3	800	0.50	14	67	85	760	
	UNDISTRIBUTED	3,465	2.18	62	292	159	1765	
	TOTAL	**17,325**	**10.91**	**311**	**1,459**	**796**	**8,825**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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PAVEMENT MARKING SUMMARY

CATEGORY	STATION	STATION	646.2020 MARKING LINE EPOXY 6-INCH (WHITE) LF	646.2020 MARKING LINE EPOXY 6-INCH (YELLOW) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (WHITE) LF	646.2040 MARKING LINE GROOVED WET REF EPOXY 6-INCH (YELLOW) LF	646.4020 MARKING LINE EPOXY 10-INCH (WHITE) LF	646.4040 MARKING LINE GROOVED WET REF EPOXY 10-INCH (WHITE) LF	646.5020 MARKING ARROW EPOXY (WHITE) EACH	646.5120 MARKING WORD EPOXY (WHITE) EACH	646.5220 MARKING SYMBOL EPOXY (WHITE) EACH	646.5320 MARKING RAILROAD CROSSING EPOXY (WHITE) EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH (WHITE) LF	646.6466 COLD WEATHER MARKING EPOXY 6-INCH (YELLOW) LF	646.6470 COLD WEATHER MARKING EPOXY 10-INCH (WHITE) LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH (YELLOW) LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE) LF	646.7520 MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE) LF	646.8120 MARKING CURB EPOXY (YELLOW) LF	646.8220 MARKING ISLAND NOSE EPOXY (YELLOW) EACH	646.8320 MARKING PARKING STALL EPOXY (WHITE) LF	REMARKS
0010	288+00	306+02	--	--	3,690	1,030	--	240	2	1	--	--	25	--	--	--	0	120	0	0	0	0	STAGE 1
	306+02	320+79	--	--	2,270	2,850	--	240	3	1	--	--	125	--	--	--	44	506	0	12	0	0	STAGE 1
	320+79	336+68	1,520	2,070	1,310	1,610	--	140	7	0	6	--	63	--	--	--	48	295	128	46	2	0	STAGE 2
	336+68	352+29	2,400	2,940	--	--	185	--	14	0	11	--	116				71	569	1,008	223	6	0	
	352+29	364+93	2,010	2,330	--	--	75	--	3	0	3	2	106	2,010	2,330	75	0	491	272	0	0	118	STAGE 3
	CTH A		117	122	--	--	65	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	STAGE 1
	CTH N		122	144	--	--	200	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	STAGE 1
	SUBTOTAL		**6,169**	**7,606**	**7,270**	**5,490**	**525**	**620**	**33**	**2**	**20**	**2**	**435**	**2,010**	**2,330**	**75**	**163**	**1,981**	**1,408**	**281**	**8**	**118**	
	TOTAL		**13,775**		**12,760**		**525**	**620**	**33**	**2**	**20**	**2**	**435**	**4,340**		**75**	**163**	**1,981**	**1,408**	**281**	**8**	**118**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

CONSTRUCTION STAKING SUMMARY

CATEGORY	STATION	STATION	ALGINMENT	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.6000 CONSTRUCTION STAKING PIPE CULVERTS EACH	650.6501 CONSTRUCTION STAKING STRUCTURE LAYOUT (STRUCTURE) EACH	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9500 CONCRETE STAKING SIDEWALK (PROJECT) EACH	650.9911 CONCRETE STAKING SUPPLEMENTAL CONTROL (PROJECT) EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS
0010	288+00	306+02	'NB'	1,809	--	--	1	--	1,809	4	--	--	1,809	
	306+02	320+79	'NB'	1,477	--	--	--	--	1,477	7	--	--	1,477	
	320+79	336+68	'NB'	1,590	--	--	--	--	1,590	11	--	--	1,590	
	336+68	352+29	'NB'	1,561	--	--	--	--	1,561	21	--	--	1,561	
	352+29	364+93	'NB'	1,265	--	--	--	1	1,265	11	--	--	1,265	
	10+17	11+70	'SP'	153	82	--	--	--	71	--	--	--	153	
	9+35	9+83	'RT'	48	10	20	--	--	38	--	--	--	48	
	10+20	10+75	'AY'	55	25	50	--	--	30	--	--	--	55	
	10+17	11+80	'N'	163	57	114	--	--	57	--	--	--	163	
	8+70	9+68	'A'	98	44	88	--	--	54	--	--	--	98	
	8+95	9+83	'CHT'	88	67	134	--	--	21	--	--	--	88	
	10+17	10+85	'AMD'	68	36	72	--	--	32	--	--	--	68	
	8+90	9+83	'HY'	93	62	124	--	--	31	--	--	--	93	
	10+17	10+80	'HY'	63	31	62	--	--	32	--	--	--	63	
	9+49	9+83	'MO'	34	9	18	--	--	25	--	--	--	34	
	10+17	11+20	'MO'	103	78	156	--	--	25	--	--	--	103	
	9+15	9+83	'FR'	68	47	94	--	--	21	--	--	--	68	
	10+17	10+75	'FR'	58	37	74	--	--	21	--	--	--	58	
	9+45	9+83	'ACD'	38	16	32	--	--	22	--	--	--	38	
	10+22	10+43	'CH'	21	--	--	--	--	21	--	--	--	21	
	9+45	9+78	'LY'	33	13	26	--	--	20	--	--	--	33	
	9+45	9+78	'LY'	33	13	26	--	--	20	--	--	--	33	
	10+22	10+50	'LY'	28	8	16	--	--	20	--	--	--	28	
	10+17	10+93	'HS'	76	22	44	--	--	54	--	--	--	76	
	9+35	9+78	'7TH'	43	26	52	--	--	17	--	--	--	43	
	9+05	9+72	'6TH'	67	17	34	--	--	50	--	--	--	67	
	10+22	11+00	'5TH'	78	58	116	--	--	20	--	--	--	78	
	UNDISTRIBUTED			--	--	--	--	--	--	--	1	1	--	
	TOTAL			**9,209**	**758**	**1,352**	**1**	**1**	**8,402**	**54**	**1**	**1**	**9,209**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

3

CONDUIT

USH 51 & CTH N INTERSECTION

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	COMMENTS
0010	CABINET	PB-1	--	63	
	PB-1	PB-2	22	--	
	PB-2	SB-1	11	--	
	PB-2	PB-3	196	--	
	PB-1	PB-4	--	124	
	PB-4	SB-2	10	--	
	PB-4	PB-5	--	58	
	PB-5	PB-6	21	--	
	PB-6	PB-7	100	--	
	PB-6	SB-3	11	--	
	PB-5	PB-8	--	140	
	PB-8	SB-4	15	--	
	PB-8	PB-9	--	72	
	PB-9	PB-10	25	--	
	PB-10	PB-11	139	--	
	PB-11	PB-12	96	--	
	PB-10	SB-5	10	--	
	PB-9	PB-13	--	130	
	PB-13	SB-6	5	--	
	PB-13	PB-14	--	80	
	PB-14	PB-15	13	--	
	PB-15	PB-16	100	--	
	PB-15	SB-7	5	--	
	PB-14	PB-17	--	144	
	PB-17	SB-8	5	--	
	PB-17	CABINET	--	36	
		SUBTOTAL	784	847	

CONDUIT (CONTINUED)

ROADWAY LIGHTING

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	COMMENTS
0030	LB-101	LB-102	151	--	
	LB-102	LB-103	161	--	
	LB-103	LB-104	180	--	
	LB-104	LB-105	180	--	
	LB-105	LB-106	175	--	
	LB-106	LB-107	175	--	
	LB-107	PB-101	17	--	
	PB-101	PB-102	97	--	
	PB-102	LB-108	27	--	
	LB-108	LB-109	150	--	
	LB-109	PB-103	64	--	
	PB-103	PB-104	76	--	
	PB-104	LB-110	5	--	
	LB-110	LB-111	176	--	
	LB-111	PB-105	69	--	
	PB-105	CABINET	26	--	
	PB-105	PB-106	83	--	
	PB-106	LB-112	13	--	
	LB-112	LB-113	175	--	
	LB-113	PB-107	45	--	
	PB-107	PB-108	82	--	
	PB-108	LB-114	40	--	
	LB-114	LB-115	175	--	
	LB-115	LB-116	175	--	
	LB-116	PB-109	37	--	
	PB-109	PB-110	83	--	
	PB-110	LB-117	20	--	
	LB-117	LB-118	160	--	
	LB-118	PB-111	77	--	
	PB-111	PB-112	45	--	
	PB-112	LB-119	22	--	
	LB-119	LB-120	159	--	
	LB-120	PB-113	73	--	
	PB-113	PB-114	89	--	
	PB-114	LB-121	5	--	
	LB-121	LB-122	163	--	
		SUBTOTAL	2,287	0	

CONDUIT (CONTINUED)

DECORATIVE LIGHTING

CATEGORY	FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH LF	COMMENTS
0030	LB-201	LB-202	66	--	
	LB-202	LB-203	63	--	
	LB-203	LB-204	63	--	
	LB-204	LB-205	63	--	
	LB-205	LB-206	73	--	
	LB-206	PB-201	9	--	
	PB-201	PB-203	54	--	
	PB-201	LB-207	60	--	
	LB-207	LB-208	57	--	
	LB-208	LB-209	79	--	
	LB-209	LB-210	78	--	
	LB-210	LB-211	66	--	
	LB-301	EXIST	26	--	
	LB-302	EXIST	24	--	
	LB-212	LB-213	77	--	
	LB-213	LB-214	85	--	
	LB-214	LB-215	61	--	
	LB-215	LB-216	57	--	
	LB-216	PB-202	20	--	
	PB-202	CABINET	45	--	
	CABINET	PB-203	12	--	
	PB-203	LB-217	24	--	
	LB-217	PB-204	57	--	
	PB-204	LB-218	5	--	
	PB-204	PB-205	46	--	
	PB-205	LB-219	19	--	
	LB-219	LB-220	65	--	
	LB-220	LB-221	65	--	
	LB-221	LB-222	66	--	
		SUBTOTAL	977	0	

0010 TOTAL	784	847
0030 TOTAL	3,264	0
TOTAL	**4,048**	**847**

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ALL ITEMS CATEGORY 0010 UNLESS NOTED

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DETECTION

CATEGORY	LOOP DETECTOR NUMBER	SIZE (FT)	TURNS	652.0800 CONDUIT LOOP DETECTOR LF	655.0700 DETECTOR LEAD IN CABLE LF	655.0800 LOOP DETECTOR WIRE LF	COMMENTS
0010	11	6X20	3	52	120	156	
	12	6X20	3	52	115	156	
	21	6X20	3	52	330	156	
	22	6X20	3	52	330	156	
	23	6X12	5	36	575	180	
	41	6X20	3	52	190	156	
	42	6X20	3	52	190	156	
	43	6X20	4	52	175	208	
	44	6X20	4	52	180	208	
	45	6X12	4	36	290	144	
	46	3.5x3.5	5	14	170	70	
	61	6X12	4	36	315	144	
	81	6X20	3	52	235	156	
	82	6X20	3	52	235	156	
	83	6X20	4	52	225	208	
	84	6X20	4	52	225	208	
	85	6X20	3	52	340	156	
	86	3.5x3.5	5	14	220	70	
			TOTAL	**812**	**4,240**	**2,774**	

NOTE: ADDITIONAL 655.0800 QUANTITY IN PED BUTTON CABLE TABLE.

PED BUTTON CABLE

CATEGORY	FROM	TO	655.0800 LOOP DETECTOR WIRE LF	COMMENTS
0010	CABINET	SB-3	223	
	SB-3	SB-4	166	
	CABINET	SB-6	185	
	SB-6	SB-5	153	
	CABINET	SB-8	48	
	SB-8	SB-7	143	
	CABINET	SB-1	101	
	SB-1	SB-2	153	
		TOTAL	**1,172**	

NOTE: ADDITIONAL 655.0800 QUANTITY IN DETECTION TABLE.

PULL BOXES

CATEGORY	LOCATION	PB NO.	653.0154 PULL BOXES, NON-CONDUCTIVE 24X36-INCH EACH	653.0164 PULL BOXES, NON-CONDUCTIVE 24X42-INCH EACH	COMMENTS
0010	USH 51 & CTH N INTERSECTION	PB-1	--	1	
		PB-2	--	1	
		PB-3	1	--	
		PB-4	--	1	
		PB-5	--	1	
		PB-6	--	1	
		PB-7	1	--	
		PB-8	--	1	
		PB-9	--	1	
		PB-10	--	1	
		PB-11	--	1	
		PB-12	1	--	
		PB-13	--	1	
		PB-14	--	1	
		PB-15	--	1	
		PB-16	1	--	
		PB-17	--	1	
		SUBTOTAL	4	13	
0030	ROADWAY LIGHTING	PB-101	--	1	
		PB-102	--	1	
		PB-103	--	1	
		PB-104	--	1	
		PB-105	--	1	
		PB-106	--	1	
		PB-107	--	1	
		PB-108	--	1	
		PB-109	--	1	
		PB-110	--	1	
		PB-111	--	1	
		PB-112	--	1	
		PB-113	--	1	
		PB-114	--	1	
		SUBTOTAL	0	14	
0030	DECORATIVE LIGHTING	PB-201	--	1	
		PB-202	--	1	
		PB-203	--	1	
		SUBTOTAL	0	3	
		0100 TOTAL	4	13	
		0300 TOTAL	0	17	
		TOTAL	**4**	**30**	

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SIGNAL STRUCTURES

CATEGORY	LOCATION	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	657.0100 PEDESTAL BASES EACH	657.0255 BREAKAWAY 11-1/2-INCH BOLT CIRCLE EACH	657.0310 POLES TYPE 3 EACH	657.0352 POLES TYPE 10-SPECIAL EACH	657.0425 TRAFFIC SIGNAL STANDARDS 15-FT EACH	657.0541 MONOTUBE ARMS 40-FT-SPECIAL EACH	657.0704 TRUSS TYPE 4-INCH CLAMP 10-FT EACH	657.0810 LUMINAIRE ARMS STEEL 10-FT EACH	659.1125 LUMINAIRES UTILITY LED C EACH	COMMENTS
0010	SB-1	1	--	--	1	--	--	--	1	--	--	--	--	
	SB-2	--	--	1	--	--	--	1	--	1	--	1	1	
	SB-3	1	--	--	1	--	--	--	1	--	--	--	--	
	SB-4	--	1	--	--	1	1	--	--	--	1	--	1	
	SB-5	1	--	--	1	--	--	--	1	--	--	--	--	
	SB-6	--	--	1	--	--	--	1	--	1	--	1	1	
	SB-7	--	1	--	--	1	1	--	--	--	1	--	1	
	SB-8	1	--	--	1	--	--	--	1	--	--	--	--	
	TOTAL	**4**	**2**	**2**	**4**	**2**	**2**	**2**	**4**	**2**	**2**	**2**	**4**	

ADDITIONAL QUANTITIES LISTED ELSEWHERE

ROADWAY LIGHTING STRUCTURES

CATEGORY	POLE NO.	654.0105 CONCRETE BASES TYPE 5 EACH	SPV.0060.27 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE - BLACK EACH	SPV.0060.28 POLES TYPE 5-ALUMINUM - BLACK EACH	SPV.0060.29 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 15-FT - BLACK EACH	SPV.0060.30 LUMINAIRES UTILITY LED B - BLACK EACH	655.0610 WIRE LIGHTING 12 AWG LF	COMMENTS
0030	LB-101	1	1	1	1	1	150	
	LB-102	1	1	1	1	1	150	
	LB-103	1	1	1	1	1	150	
	LB-104	1	1	1	1	1	150	
	LB-105	1	1	1	1	1	150	
	LB-106	1	1	1	1	1	150	
	LB-107	1	1	1	1	1	150	
	LB-108	1	1	1	1	1	150	
	LB-109	1	1	1	1	1	150	
	LB-110	1	1	1	1	1	150	
	LB-111	1	1	1	1	1	150	
	LB-112	1	1	1	1	1	150	
	LB-113	1	1	1	1	1	150	
	LB-114	1	1	1	1	1	150	
	LB-115	1	1	1	1	1	150	
	LB-116	1	1	1	1	1	150	
	LB-117	1	1	1	1	1	150	
	LB-118	1	1	1	1	1	150	
	LB-119	1	1	1	1	1	150	
	LB-120	1	1	1	1	1	150	
	LB-121	1	1	1	1	1	150	
	LB-122	1	1	1	1	1	150	
	TOTAL	**22**	**22**	**22**	**22**	**22**	**3,300**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

DECORATIVE LIGHTING STRUCTURES

CATEGORY	POLE NO.	SPV.0060.09 CONCRETE BASES TYPE 5 MODIFIED EACH	SPV.0060.10 DECORATIVE LIGHTING UNIT EACH	COMMENTS
0030	LB-201	1	1	
	LB-202	1	1	
	LB-203	1	1	
	LB-204	1	1	
	LB-205	1	1	
	LB-206	1	1	
	LB-207	1	1	
	LB-208	1	1	
	LB-209	1	1	
	LB-210	1	1	
	LB-211	1	1	
	LB-212	1	1	
	LB-213	1	1	
	LB-214	1	1	
	LB-215	1	1	
	LB-216	1	1	
	LB-217	1	1	
	LB-218	1	1	
	LB-219	1	1	
	LB-220	1	1	
	LB-221	1	1	
	LB-222	1	1	
	TOTAL	**22**	**22**	

TRAFFIC SIGNAL CABLE

CATEGORY	INTERSECTION	FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG LF	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG LF	655.0305 CABLE TYPE UF 2-12 AWG GROUNDED LF	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE LF	COMMENTS
0010	USH 51 & CTH N	CABINET	SB-1	--	110	--	--	
		SB-1	HEAD 5	15	--	--	--	
		SB-1	HEAD 9	15	--	--	--	
		SB-1	HEAD 97	10	--	--	--	
		SB-1	PED BUTTON	5	--	--	--	
		CABINET	SB-2	--	150	195	--	
		SB-2	HEAD 2	45	--	--	--	
		SB-2	HEAD 3	55	--	--	--	
		SB-2	HEAD 4	65	--	--	--	
		SB-2	HEAD 98	10	--	--	--	
		SB-2	PED BUTTON	5	--	--	--	
		CABINET	SB-3	--	230	--	--	
		SB-3	HEAD 8	15	--	--	--	
		SB-3	HEAD 14	15	--	--	--	
		SB-3	HEAD 91	10	--	--	--	
		SB-3	PED BUTTON	5	--	--	--	
		CABINET	SB-4	--	285	330	--	
		SB-4	HEAD 7	15	--	--	--	
		SB-4	HEAD 92	10	--	--	--	
		SB-4	PED BUTTON	5	--	--	--	
		CABINET	SB-5	--	320	--	--	
		SB-5	HEAD 1	15	--	--	--	
		SB-5	HEAD 13	15	--	--	--	
		SB-5	HEAD 93	10	--	--	--	
		SB-5	PED BUTTON	5	--	--	--	
		CABINET	SB-6	--	195	240	235	
		SB-6	HEAD 10	45	--	--	--	
		SB-6	HEAD 11	55	--	--	--	
		SB-6	HEAD 12	65	--	--	--	
		SB-6	HEAD 94	10	--	--	--	
		SB-6	PED BUTTON	5	--	--	--	
		CABINET	SB-7	--	155	200	--	
		SB-7	HEAD 6	15	--	--	--	
		SB-7	HEAD 16	15	--	--	--	
		SB-7	HEAD 95	10	--	--	--	
		SB-7	PED BUTTON	5	--	--	--	
		CABINET	SB-8	--	55	--	--	
		SB-8	HEAD 15	15	--	--	--	
		SB-8	HEAD 96	10	--	--	--	
		SB-8	PED BUTTON	5	--	--	--	
		TOTAL		**600**	**1,500**	**965**	**235**	
TOTAL IN ORIGINAL PSE SUBMITTAL ON 8/1/24				**600**	**1,310**	**870**	**210**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

TRAFFIC SIGNAL GROUNDING CABLE

CATEGORY	INTERSECTION	FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG LF	COMMENTS
0010	USH 51 & CTH N	CABINET	SB-1	110	
		SB-1	SB-2	165	
		SB-2	SB-3	135	
		SB-3	SB-4	180	
		SB-4	SB-5	150	
		SB-5	SB-6	165	
		SB-6	SB-7	120	
		SB-7	SB-8	155	
		SB-8	CABINET	55	
			TOTAL	**1,235**	

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LIGHTING CABLE

CATEGORY	TYPE	FROM	TO	655.0620 ELECTRICAL WIRE LIGHTING 8 AWG LF	655.0630 ELECTRICAL WIRE LIGHTING 4 AWG LF	COMMENTS
0030	ROADWAY LIGHTING	LB-101	LB-102	495	--	
		LB-102	LB-103	875	--	
		LB-103	LB-104	975	--	
		LB-104	LB-105	975	--	
		LB-105	LB-106	950	--	
		LB-106	LB-107	950	--	
		LB-107	LB-108	925	--	
		LB-108	LB-109	825	--	
		LB-109	LB-110	950	--	
		LB-110	LB-111	950	--	
		LB-111	CABINET	675	--	
		CABINET	LB-112	875	--	
		LB-112	LB-113	950	--	
		LB-113	LB-114	1,075	--	
		LB-114	LB-115	950	--	
		LB-115	LB-116	950	--	
		LB-116	LB-117	925	--	
		LB-117	LB-118	875	--	
		LB-118	LB-119	950	--	
		LB-119	LB-120	875	--	
		LB-120	LB-121	1,075	--	
		LB-121	LB-122	525	--	
			SUBTOTAL	19,570	0	

LIGHTING CABLE (CONTINUED)

CATEGORY	TYPE	FROM	TO	655.0260 ELECTRICAL WIRE LIGHTING 8 AWG LF	655.0630 ELECTRICAL WIRE LIGHTING 4 AWG LF	COMMENTS
0030	DECORATIVE LIGHTING	LB-201	LB-202	160	198	
		LB-202	LB-203	150	189	
		LB-203	LB-204	150	189	
		LB-204	LB-205	150	189	
		LB-205	LB-206	170	219	
		LB-206	CABINET	260	225	
		LB-206	LB-207	200	207	
		LB-207	LB-208	140	171	
		LB-208	LB-209	190	237	
		LB-209	LB-210	180	234	
		LB-210	LB-211	160	198	
		LB-212	LB-213	180	231	
		LB-213	LB-214	200	255	
		LB-214	LB-215	150	183	
		LB-215	LB-216	140	171	
		LB-216	CABINET	210	195	
		CABINET	LB-217	150	108	
		LB-217	LB-218	150	186	
		LB-218	LB-219	230	210	
		LB-219	LB-220	160	195	
		LB-220	LB-221	160	195	
		LB-221	LB-222	160	198	
		LB-301	EXISTING	80	78	
		LB-302	EXISTING	80	72	
			SUBTOTAL	3,960	4,533	
			TOTAL	**23,530**	**4,533**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

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SIGNAL HEADS AND PUSH BUTTONS

CATEGORY	LOCATION	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	SPV.0060.25 RETROREFLECTIVE BACKPLATE 3S EACH	SPV.0060.26 RETROREFLECTIVE BACKPLATE 4S EACH	COMMENTS
0010	SB-1	2	--	1	1	2	--	
	SB-2	3	--	1	1	3	--	
	SB-3	2	--	1	1	2	--	
	SB-4	1	--	1	1	1	--	
	SB-5	1	1	1	1	1	1	
	SB-6	2	1	1	1	2	1	
	SB-7	2	--	1	1	2	--	
	SB-8	1	--	1	1	1	--	
	TOTAL	**14**	**2**	**8**	**8**	**14**	**2**	

3

TRAFFIC SIGNAL MISCELLANEOUS

CATEGORY	INTERSECTION	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL (USH 51 & CTH N) EACH	658.5070 SIGNAL MOUNTING HARDWARE (LOCATION) USH 51 & CTH N EACH	SPV.0060.02 REMOVING TRAFFIC SIGNAL - USH 51 & CTH N EACH	COMMENTS
0010	USH 51 & CTH N	1	1	1	1	
	TOTAL	**1**	**1**	**1**	**1**	

LIGHTING MISCELLANEOUS

CATEGORY	TYPE	654.0224 CONCRETE CONTROL CABINET BASES TYPE L24 EACH	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL (USH 51 & N MORRIS ST) EACH	656.0201 ELECTRICAL SERVICE METER BREAKER PEDESTAL (USH 51 & S 6TH ST) EACH	659.2124 LIGHTING CONTROL CABINETS 120/240 24-INCH EACH	COMMENTS
0030	ROADWAY LIGHTING	1	1	--	1	
	DECORATIVE LIGHTING	1	--	1	1	
	TOTAL	**2**	**1**	**1**	**2**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PERMANENT SIGNING SUMMARY

CAT	SIGN NO	STATION	O/S	13.75 MESSAGE	CODE	HEIGHT	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0810 POSTS TUBULAR STEEL 2X2-INCH X 10-FT EACH	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT EACH	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	1M-01	287+00	RT	NO PASSING ZONE			--	--	--	--	--	--	--	--	1	--	--	1	
0010	1M-02	292+65	LT	SPEED LIMIT 55			--	--	--	--	--	--	--	--	1	--	--	1	
0010	1M-03	292+65	RT	SPEED LIMIT 45			--	--	--	--	--	--	--	--	1	--	--	1	
0010	1M-04	292+33	RT	STOP			--	--	--	--	--	--	--	--	1	--	--	1	
0010	1M-05	300+53	LT	SPEED LIMIT 45			--	--	--	--	--	--	--	--	1	--	--	1	
0010	1M-06	300+53	RT	SPEED LIMIT 45			--	--	--	--	--	--	--	--	1	--	--	1	
0010	2-01	303+95	LT	NO PASSING ZONE	W14-3	3.00	0	1	0	0	0	0		5.56					
0010	2M-02	305+12	LT	STOP		2.50	1	0	0	0	0	0			1				
0010	2M-03	306+75	LT	SPEED LIMIT 45		3.00	0	1	0	0	0	0					1		
0010	2M-04	305+88	RT	BIKE LANE	R3-17	2.00	1	0	0	0	0	0	5.00						
0010	2M-05	306+77	RT	SPEED LIMIT 35											1			1	
0020	2R-06			NO ENGINE BREAKING												1			
0020	2M-07	307+56	RT	SNOW EMERGENCY REGULATIONS											1			1	
0020	2M-08	307+56	RT	ENGINE BREAKE MUFFLER REQUIRED	R10-64	4.00							9						MOUNT ON 2M-07 POST
0010	2M-09	309+56	RT	JUNCTION CTH A / JUNCTION CTH N											1			1	
0010	2-10	310+26		KEEP RIGHT	R4-7	2.50	1	0	0	0	0	0	5						
0010	2-11	310+50		KEEP RIGHT	R4-7	2.50	1	0	0	0	0	0	5						
0010	2M-12	311+10	RT	STOP		2.50	1	0	0	0	0	0			1		1		
0010	2M-13	311+46	RT	SIGNAL AHEAD											1			1	
0010	2M-14	312+38	LT	EDGERTON 11 / JANESVILLE 22											1			2	
0010	2M-15	313+04	RT	PARK DIRECTIONAL											1			2	
0010	2M-16	314+51	RT	STOUGHTON POPULATION											1			2	
0010	2M-17	314+71	LT	SPEED LIMIT 35											1			1	
0010	3M-01	316+25	LT	SOUTH USH 51											1			1	
0010	3-02	317+12	LT	ADOPT A HIGHWAY	I55-56	1.50							3.75					1	MOUNT ON EXISTING POST
0010	3-03	317+12	LT	SEGMENT AVAILABLE	I55-56S	1.50							3.75						
0010	3-04	317+96	LT	BIKE LANE	R3-17	2.00	1	0	0				5		1				
0010	3M-05	9+20'VTA'	RT	CTH A LT / USH 51 LT/RT											1			1	
0010	3M-06	8+56'VTA'	RT	STOP (FOLDING)											1				MOUNT ON SINGAL POLE
0020	3M-07	8+88'VTA'	LT	NO PARKING BETWEEN SIGNS											1			1	
0010	3M-08	9+08'VTA'	LT	CTH N / CTH A											1			1	
0020	3M-09	9+08'VTA'	LT	BIKE ROUTE / NO PARKING											1			1	
0020	3M-10	319+44	LT	MAIN ST / VETERANS RD											1			1	
0010	3M-11	319+91	LT	STOP (FOLDING)											1				MOUNT ON SINGAL POLE
0010	3M-12	319+91	LT	CTH N LT/RT / CTH A RT											1			1	
0010	3M-13	322+54	LT	SPEED LIMIT 35											1			1	
0010	3M-14	322+63	RT	SPEED LIMIT 35											1		1		MOUNT ON LIGHT POLE
0010	3-15	320+89	RT	BIKE LANE	R3-17								5						MOUNT ON LIGHT POLE
0010	3M-16	320+08	RT	NORTH USH 51 / CTH A											1			1	
0010	3-17	10+69'VTN'	LT	USH 51 LT/RT / CTH A AHEAD/RT	J13-2	3.75	0	1	0	0	0	0	15						
0010	3-18	10+69'VTN'	LT	STOP (FOLDING)											1				MOUNT ON SIGNAL POLE
0010	3R-19			USH 51 LT/RT												1	1		
0010	3M-20	12+04'VTN'	LT	HOSPITAL RT		3.75	0	1	0	0	0	0			1				
0010	3M-21	13+16'VTN'	RT	ROAD NARROWS											1			1	
0010	3M-22	11+78'VTN'	RT	SPEED LIMIT 35											1			1	
0010	3M-23	10+91'VTN'	RT	CTH N CTH A / CTH N / HOSPITAL											1			1	
0010	3M-24	318+34	RT	DIRECTIONAL											1			2	
0010	3M-25	318+34	RT	STOP (FOLDING)											1				MOUNT ON SIGNAL POLE

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PERMANENT SIGNING SUMMARY (CONTINUED)

CAT	SIGN NO	STATION	O/S	13.75 MESSAGE	CODE	hieght	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0810 POSTS TUBULAR STEEL 2X2-INCH X 10-FT EACH	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT EACH	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	4M-01	323+86	LT	LAKE KEGONSA STATE PARK											1			2	
0010	4M-02	325+22	LT	JUNCTION CTH N / CTH A		5.00	0	0	2	0	0	0			1		1		
0010	4M-03	326+83	LT	SIGNAL AHEAD		4.24	0	1	0	0	0	0			1		1		
0020	4M-04	327+18	LT	STOP / MAIN ST / CHALET DR											1		1		
0010	4M-05	327+83	LT	SPEED LIMIT 35											1			1	VERIFY SPEED ZONE WITH REGION
0020	4M-06	324+39	RT	COMMUNITY WAYFINDING SIGN											1				MOUNT ON LIGHT POLE
0020	4M-07	326+19	RT	NEIGHBORHOOD WATCH COMMUNITY											1				MOUNT ON LIGHT POLE
0020	4M-08	327+99	RT	SPEED LIMIT 25 / YOUR SPEED ##											1		1		MOUNT ON LIGHT POLE
0020	4M-09	329+74	RT	CROSSWALK / AHEAD											1		1		MOUNT ON LIGHT POLE
0020	4-10	329+74	RT	FINES HIGHER	R2-6P								3						MOUNT BELOW SIGN 4M-09
0020	4R-11			NO PARKING HERE TO CORNER												1	1		
0020	4-12	330+83	LT	BIKE LANE	R3-17	2.00	0	0	0	1	0	0	5						
0020	4M-13	331+59		KEEP RIGHT		2.50	0	0	0	1	0	0			1		1		GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	4M-14	331+88		KEEP RIGHT		2.50	0	0	0	1	0	0			1				GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	4M-15	331+92	LT	PED CROSS / ARROW / PUSH FOR FLASHERS (DOUBLE SIDED)											1			1	SIGNS ALONE ARE 9.00 SF, INCLUDING FLASHER AREA, >9SF
0020	4-16	333+02	LT	END SCHOOL ZONE	S5-2	3.50	0	0	0	0	1	0	5						
0020	4-17	334+80	LT	SPEED LIMIT 25	R2-1	2.50	0	0	0	1	0	0	5						
0020	4M-18	335+79	LT	PEDESTRAIN CROSSING / ARROW											1			1	
0020	4M-19	336+18	LT	STOP / MAIN ST / HENRY ST											1			1	
0020	4M-20	337+01	RT	SCHOOL SPEED LIMIT 15 / SLAALEN REHAB		5.50	0	0	0	0	0	1			1		1		S4-51 RQRD? VERFY.
0020	4M-21	335+99	RT	PEDESTRAIN CROSSING / ARRÖW											1			1	
0020	4M-22	335+75	RT	STOP / MAIN ST / HENRY ST											1			1	
0020	4M-23	335+21	RT	BLIND PERSON AREA		4.24	0	0	0	0	0	1			1				
0020	4M-24	334+83	RT	NO U TURN											1			1	
0020	4-25	334+49	RT	BIKE LANE	R3-17								5						MOUNT ON LIGHT POLE
0020	4M-26	334+01	RT	VISITOR INFORMATION AT RR DEPOT		2.00	0	0	0	1	0	0			1				
0020	4R-27			NO PARKING BETWEEN SIGNS												1	1		
0020	4M-28	332+99	RT	WICONSIN HEALTHY COMMUNITIES BRONZE		2.00	0	0	0	1	0	0			1				MOUNT ON LIGHT POLE
0020	4R-29			NO PARKING BETWEEN SIGNS												1	1		
0020	4M-30	333+02	LT	RIVER TRAIL											1				MOUNT UNDER 4-16
0020	4M-31	332+51	RT	STOP / MAIN ST / AMUNDSON PKWY / RIVER TRAIL											1			1	
0020	4M-32	331+77	RT	PED CROSS / ARROW / PUSH FOR FLASHERS (DOUBLE SIDED)											1			1	SIGNS ALONE ARE 9.00 SF, INCLUDING FLASHER AREA, >9SF
0020	5-01	338+47	LT	SCHOOL ADVANCE	S1-1	4.00	0	0	0	0	0	1	6.75						
0020	5-02	338+47	LT	DIAGONAL DOWN ARROW	S16-7L								2						
0020	5M-03	338+66	LT	STOP / MAIN ST / MORRIS ST											1			1	
0020	5M-04	339+03	LT	EAST SIDE STOUGHTON HISTORIC DISTRICT		2.00	0	0	0	1	0	0			1		1		
0020	5M-05	339+22		KEEP RIGHT		2.50	0	0	0	1	0	0			1		1		GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5M-06	339+49		KEEP RIGHT		2.50	0	0	0	1	0	0			1				GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5M-07	339+33	LT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW											1			1	8.75SF+RIVER TRAIL SIGN IS >9SF
0020	5M-08	340+70	LT	SPPED LIMIT 25 / SKAALEN REHAB											1			1	
0020	5M-09	341+81	LT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW		4.00	0	0	0	0	0	1			1				IS UTILITY POLE REMAINING IN PLACE? NOT SUR EOF THERE IS ROOM FOR A NEW POST?
0020	5M-10	341+94	LT	STOP / MAIN ST / FRANKLIN ST											1			1	
0020	5M-11	342+35	LT	EAST SIDE STOUGHTON HISTORIC DISTRICT		2.00	0	0	0	1	0	0			1		1		
0020	5M-12	343+66	LT	SPEED LIMIT 25	R2-1	2.50	0	0	0	1	0	0	5						

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PERMANENT SIGNING SUMMARY (CONTINUED)

CAT	SIGN NO	STATION	O/S	13.75 MESSAGE	CODE	hieght	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0810 POSTS TUBULAR STEEL 2X2-INCH X 10-FT EACH	634.0811 POSTS TUBULAR STEEL 2X2-INCH X 11-FT EACH	634.0812 POSTS TUBULAR STEEL 2X2-INCH X 12-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2102 MOVING SIGNS TYPE II EACH	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	638.4000 MOVING SMALL SIGN SUPPORTS EACH	REMARKS
0010	5M-13	344+31	LT	SOUTH USH 51 / CTH A											1			1	
0020	5M-14	343+58	RT	HOSPITAL / RIGHT		3.75	0	0	0	0	0	1			1				
0020	5M-15	342+35	RT	STOP / MAIN ST / FRANKLIN ST											1			1	
0020	5M-16	341+80	RT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW											1			1	
0020	5M-17	339+33	LT	RIVER TRAIL AHEAD											1				MOUNT UNDER 5M-07
0020	5M-18	339+19	RT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW / RIVER TRAIL											1			1	8.75SF+RIVER TRAIL SIGN IS >9SF
0020	5M-19	330+03	RT	STOP / MAIN ST / MORRIS ST											1			1	
0020	5-20	338+43	RT	DIAGONAL DOWN ARROW	S1-1	4.00	0	0	0	0	0	1	2						MOUNT UNDER 5-21
0020	5-21	338+43	RT	SCHOOL ADVANCE	S16-7L								6.75						
0020	5-22	338+59		KEEP RIGHT	R4-7	2.50	0	0	0	1	0	0	5						GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5-23	338+33		KEEP RIGHT	R4-7	2.50	0	0	0	1	0	0	5						GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5M-24	345+19	LT	STOP / MAIN ST / ACADEMY ST											1			1	
0020	5-25	334+76	LT	BIKE LANE	R3-17	2.00	0	0	0	1	0	0	5						
0020	5M-26	346+56		KEEP RIGHT		2.50	0	0	0	1	0	0			1		1		GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5M-27	346+82		KEEP RIGHT		2.50	0	0	0	1	0	0			1				GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5M-28	346+85	LT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW											1			1	
0020	5R-29			NO PARKING THIS SIDE												1	1		
0020	5M-30	348+83	LT	HOSPITAL / LEFT		3.75	0	0	0	0	0	1			1				
0020	5M-31	350+38	LT	STOP / MAIN ST / LYNN ST											1			1	
0020	5R-32			NO PARKING THIS SIDE												1			
0020	5M-33	350+00	LT	NO U-TURN											1				MOVE TO POST THAT HIS HOUSING 5M-32
0020	5M-34	351+10	LT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW											1			1	8.75SF+RIVER TRAIL SIGN IS >9SF
0020	5M-35	350+97		KEEP RIGHT		2.50	0	0	0	1	0	0			1		1		GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5M-36	351+23		KEEP RIGHT		2.50	0	0	0	1	0	0			1				GUIDENCE ON MOUNTING HEIGHT AND POST HEIGHT REQUIRED
0020	5M-37	350+95	RT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW											1			1	
0020	5M-38	351+10	LT	RIVER TRAIL AHEAD											1				MOUNT BELOW 5M-34
0020	5M-39	350+16	RT	VISITOR INFORMATION AHEAD AR RR DEPOT		2.50	0	0	0	1	0	0			1				
0020	5M-40	351+39	RT	SPEED LIMIT 25											1			1	
0020	5M-41	352+00	RT	RIVER TRAIL RIGHT											1				MOUNT UNDER 6-23
0020	5M-42	351+39	RT	END SCHOOL ZONE	S5-2	5.00	0	0	0	0	0	1	5						MOUNT UNDER 5M-40
0020	5M-43	350+82	RT	STOP / MAIN ST / LYNN ST / RIVER TRAIL LEFT											1			1	
0020	5M-44	350+43	RT	NO TRUCKS											1			1	
0020	5M-45	349+59	RT	CURVE AHEAD											1		1		MOUNT ON LIGHT POST
0020	5R-46			NO PARKING THIS SIDE												1			
0020	5-47	347+99	RT	SPEED LIMIT 25	R2-1								5		1				MOUNT TO LIGHT POLE
0020	5R-48			NO PARKING THIS SIDE												1	1		
0020	5M-49	347+51	RT	STOP / MAIN ST / CHURCH ST											1			1	
0020	5M-50	347+08	RT	NO TRUCKS											1			1	
0020	5M-51	346+85	LT	RIVER TRAIL AHEAD											1				MOUNT TO POST UNDER 5M-28
0020	5M-52	346+72	RT	SCHOOL ADVANCE / DIAGONAL DOWN ARROW / RIVER TRAIL											1			1	8.75SF+RIVER TRAIL SIGN IS >9SF
0020	5-53	345+70	RT	BIKE LANE	R3-17	2.00	0	0	0	1	0	0	5						
0020	5R-54			NO PARKING HERE TO CORNER												1	1		
	5M-55	339+21	LT	PED CROSSING	W11-2									6.25					
	5M-56	339+21	LT	DIAGONAL DOWN ARROW RIGHT	W16-7R									2					
	5M-57	339+21	LT	PED CROSSING	W11-2									6.25					
	5M-58	339+21	LT	DIAGONAL DOWN ARROW LEFT	W16-7L									2					
	5M-59	339+21	LT	PUSH BUTTON TO TURN ON WARNING LIGHTS	R10-25								0.75						
	5M-62	339+21	RT	PED CROSSING	W11-2									6.25					
	5M-63	339+21	RT	DIAGONAL DOWN ARROW RIGHT	W16-7R									2					
	5M-64	339+21	RT	PUSH BUTTON TO TURN ON WARNING LIGHTS	R10-25								0.75						
	5M-65	339+21	RT	PED CROSSING	W11-2									6.25					
	5M-66	339+21	RT	DIAGONAL DOWN ARROW LEFT	W16-7L									2					

ALL ITEMS CATEGORY 0010 UNLESS NOTED

PERMANENT SIGNING SUMMARY (CONTINUED)

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0020	6R-01			NO PARKING THIS SIDE OF STREET												1	1		
0020	6-02	352+54	LT	SPEED LIMIT 25	R2-1	2.50	0	0	0	1	0	0	5						
0020	6M-03	354+32	LT	SCHOOL ADVANCE / AHEAD		5.50	0	0	0	0	0	1			1		1		11.75SF, 2 POSTS?
0020	6-04	354+32	LT	FINES HIGHER	R2-6P								3						MOUNT BELOW 6M-03
0020	6M-05	355+81	LT	NO SKATEBOARDING ON SIDEWALKS		5.00	0	0	0	0	0	1			1				
0020	6-06	357+01	LT	BIKE LANE	R3-17								5						MOUNT TO LIGHT POLE
0010	6M-07	355+81	LT	SOUTH USH 51 / CTH A											1				
0020	6-08	357+66	LT	NO PARKING / 2 HOUR PARKING	??								6						MOUNT TO LIGHT POLE, 1.25' OFFSET
0020	6M-09	358+96	LT	VISITOR INFO AT RR DEPOT											1		1		MOUNT TO LIGHT POLE
0020	6M-10	358+03	LT	RAIL ROAD CROSSING		3.00	0	0	0	0	1	0			1		1		
0020	6R-11			NO PARKING / 2 HOUR PARKING												1			
0020	6-12	358+84	RT	NO PARKING / 2 HOUR PARKING	??								6						MOUNT TO LIGHT POLE 1.25' OFFSET
0020	6R-13			NO PARKING / 2 HOUR PARKING												1			
0020	6R-14			NO PARKING / 2 HOUR PARKING												1			
0020	6-15	356+93	RT	NO PARKING / 2 HOUR PARKING	??								6						MOUNT TO LIGHT POLE 1.25' OFFSET
0020	6-16	355+79	RT	BIKE LANE	R3-17								5						MOUNT TO LIGHT POLE
0020	6M-17	354+88	RT	RAIL ROAD CROSSING											1			1	
0020	6R-18	354+61		TWO HOUR PARKING												1			
0020	6-19		RT	SPEED LIMIT 25	R2-1	3.00	0	0	0	0	1	0	5						
0020	6M-20	353+97	RT	STOP / MAIN ST / HILLSIDE AVE											1			1	
0020	6M-21	353+10	RT	WELCOME TO STOUGHTON WAYFINDING											1			1	
0020	6R-22			NO ENGINE BREAKING / TWO HOUR PARKING												1		1	
0020	6-23	352+00	RT	ENGINE BRAKE MUFFLER REQUIRED	R10-64	5.00	0	0	0	0	0	1	9						MOUNT ON POST HOUSING 6R-22
0020	6M-24	359+14	LT	STOP / MAIN ST / SEVENTH ST											1			1	
0020	6M-25	359+63	LT	NO U-TURN											1				MOUNT TO LIGHT POLE 1' OFFSET
0020	6M-26	360+51	LT	STOP / MAIN ST / SIXTH ST											1			1	
0020	6M-27	361+22	LT	WELCOME TO STOUGHTON PUBLIC PARKING RIGHT											1				MOUNT TO LIGHT POLE 1' OFFSET
0020	6-28	361+78	LT	SPEED LIMIT 25	R2-1								5						MOUNT TO LIGHT POLE X' OFFSET
0020	6-29	363+17	LT	NO PARKING / 2 HOUR PARKING	??								6						MOUNT TO LIGHT POLE 1.25' OFFSET
0020	6M-30	363+58	LT	CURVE AHEAD		4.24	0	0	0	0	0	1			1				
0020	6R-31			NO PARKING / 2 HOUR PARKING												1	1		
0020	6M-32	364+59	LT	PED CROSSING / DOWN DIAGONAL ARROW / PUSH FLASHERS		5.24	0	0	0	0	0	1			1		1		
0020	6M-33	364+60	RT	PED CROSSING / DOWN DIAGONAL ARROW / PUSH FLASHERS		5.24	0	0	0	0	0	1			1		1		
0020	6M-34	364+68	RT	NO U-TURN											1				MOUNT TO NEW LIGHT POLE
0020	6M-35	364+55	RT	STOP											1			1	
0020	6M-36	363+95	RT	MAIN ST / FIFTH ST											1				MOUNT TO NEW LIGHT POLE
0020	6M-37	363+11	RT	PEDESTRAIN CROSSING / AHEAD											1				MOUNT TO NEW LIGHT POLE
0020	6M-38	362+28	RT	FIRE STATION TRUCK CROSSING AHEAD											1				MOUNT TO NEW LIGHT POLE
0020	6R-39			NO PARKING / 2 HOUR PARKING												1			
0020	6M-40	360+94	RT	SOUTH USH 51 / CTH A / NO U-TURN											1				MOUNT TO NEW LIGHT POLE
0020	6M-41	360+19	RT	WELCOME TO STOUGHTON PUBLIC PARKING LEFT											1		1		MOUNT TO NEW LIGHT POLE
0020	6-42	359+46	RT	SPEED LIMIT 25	R2-1								5						MOUNT TO NEW LIGHT POLE
				TOTAL			**6**	**5**	**2**	**21**	**3**	**14**	**199.50**	**38.56**	**120**	**18**	**31**	**69**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

TRAFFIC CONTROL SUMMARY

*

			643.0420		643.0705		643.0900		643.0910		643.0920		643.1050	
			TRAFFIC CONTROL BARRICADES TYPE III		TRAFFIC CONTROL WARNING LIGHTS TYPE A		TRAFFIC CONTROL SIGNS		TRAFFIC CONTROL COVERING SIGNS TYPE I		TRAFFIC CONTROL COVERING SIGNS TYPE II		TRAFFIC CONTROL SIGNS PCMS	
CATEGORY	LOCATION	DURATION	NUMBER	DAY	NUMBER	DAY	NUMBER	DAY	EACH	CYCLES	EACH	CYCLES	NUMBER	DAY
0010	STAGE 1	71	24	1,704	48	3,408	27	1,917	--	--	--	--	2	14
	STAGE 2	75	39	2,925	78	5,850	39	2,925	--	--	--	--	--	--
	STAGE 3	99	37	3,663	74	7,326	33	3,267	--	--	--	--	--	--
	DETOUR	245	4	980	8	1,960	251	61,495	4	1	18	1	--	--
	UNDISTRIBUTED		--	--	--	--	--	--	--	--	7	1	--	--
	TOTAL			**9,272**		**18,544**		**69,604**	**4**		**25**			**14**

*ADDITIONAL QUANTITIES LISTED ESLEWHERE

TEMPORARY PEDESTRIAN ACCOMODATION SUMMARY

*

			643.0300		643.0410		643.0715		643.0900		644.1410	644.1601		644.1810	
			TRAFFIC CONTROL DRUMS		TRAFFIC CONTROL BARRICADES TYPE II		TRAFFIC CONTROL WARNING LIGHTS TYPE C		TRAFFIC CONTROL SIGNS		TEMPORARY PEDESTRIAN SURFACE ASPHALT	TEMPORARY PEDESTRIAN CURB RAMP		TEMPORARY PEDESTRIAN BARRICADE	
CATEGORY	LOCATION	DURATION	NUMBER	DAY	NUMBER	DAY	NUMBER	DAY	NUMBER	DAY	SF	NUMBER	DAY	LF	REMARKS
0010	STAGE 1 A	35	4	140	4	140	4	140	4	140	800	7	245	453	
	STAGE 1 B	36	4	144	3	108	4	144	3	108	3,110	6	216	958	
	STAGE 2 A	37	4	148	3	111	4	148	3	111	98	5	185	222	
	STAGE 2 B	38	4	152	3	114	4	152	3	114	35	4	152	114	
	STAGE 3 A	49	8	392	9	441	8	392	9	441	262	11	539	313	
	STAGE 3 B	50	6	300	7	350	6	300	7	350	1,674	14	700	654	
	TOTAL			**1,276**		**1,264**		**1,276**		**1,264**	**5,980**		**2,037**	**2,714**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

ALL ITEMS CATEGORY 0010 UNLESS NOTED

SAWING PAVEMENT SUMMARY

CATEGORY	STATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
		1861	990	
TOTAL		**1,861**	**990**	

REMOVING SUMMARY

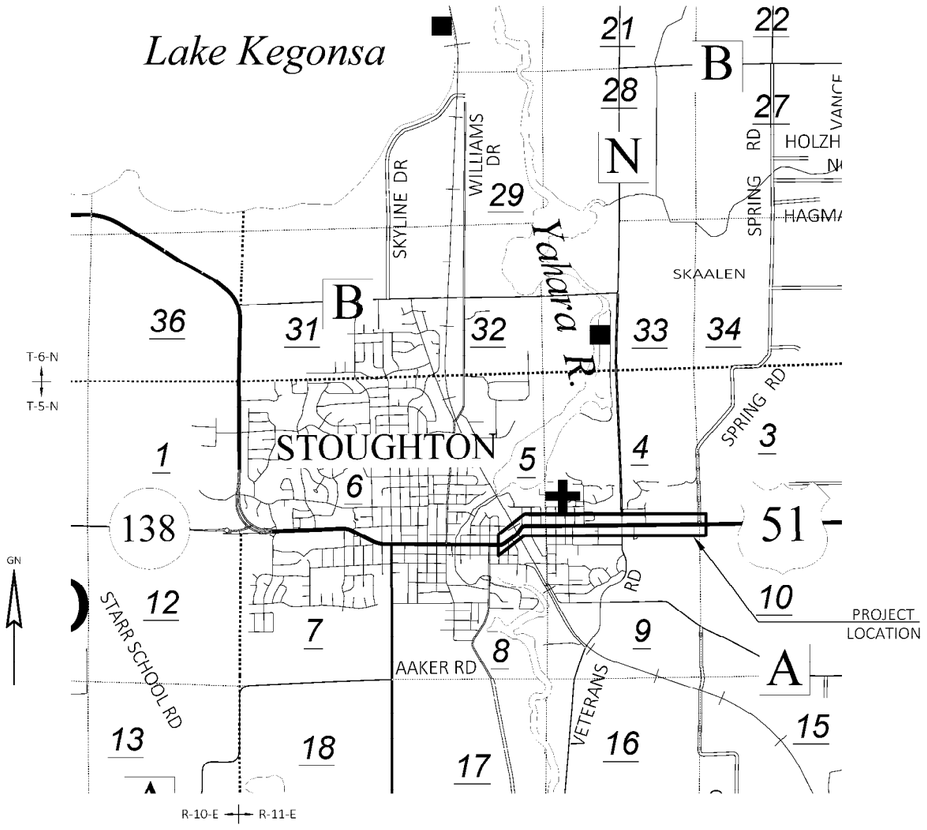
CATEGORY	STATION	STATION	SPV.0060.06 REMOVING BENCHES EACH	SPV.0060.07 REMOVING TRASH CANS EACH	SPV.0060.08 REMOVING PLANTERS EACH	REMARKS
0010	364+80	364+90	1	2	1	
		TOTAL	**1**	**2**	**1**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED

SURVEY SUMMARY

STATION	OFFSET	SPV.0060.03 VERIFY LANDMARK REFRENCE MONUMENTS EACH	SPV.0060.04 RESEARCH AND LOCATE EXISTING LAND PARCEL MONUMENTS EACH	SPV.0060.05 VERIFY AND REPLACE EXISTING LAND PARCEL MONUMENTS EACH	REMARKS
292+05	--	1	--	--	
318+76	--	1	--	--	
345+62	--	1	--	--	
--	STAGE 1	--	20	20	
--	STAGE 2	--	68	68	
--	STAGE 3	--	24	24	
TOTAL		**3**	**112**	**112**	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5845-16-22
STOUGHTON - MADISON
SPRING RD TO FIFTH ST
USH 51
DANE COUNTY



LAYOUT
SCALE 0 0.5 MI.

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING
TO BE REMOVED
BRIDGE
CULVERT

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN
R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED)

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE		
TELEPHONE POLE		
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)		

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
PARCEL NUMBER 25
UTILITY NUMBER 40
PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

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

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL UTILITY SYMBOLS

W	WATER
G	GAS
T	TELEPHONE
OH	OVERHEAD TRANSMISSION LINES
E	ELECTRIC
TV	CABLE TELEVISION
FO	FIBER OPTIC
SAN	SANITARY SEWER
SS	STORM SEWER

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5845-16-22

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE 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 ¾" X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, 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.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT FOR PROPERTIES BEING IMPACTED ARE DRAWN FROM DATA DERIVED FROM FILED/RECORDED MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

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 5845-16-22 -4. 01
SHEET 2 OF 3
AMENDMENT NO: 208

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-TI.DWG
LAYOUT NAME: 040100
PLOT DATE : 11/18/2022 3:30 PM PLOT BY : JAMES CAPPEART PLOT NAME : _____

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.01 - AMENDMENT NO. 1

AMENDS PARCEL 4, ADDS PARCEL 304, AND AMENDS UTILITY NUMBERS 200 AND 203 OF TRANSPORTATION PLAT 5845-16-22 - 4.01, RECORDED AS DOCUMENT NO. 5875216.

THAT PART LOT 2 AND LOT 3 OF CERTIFIED SURVEY MAP 11461 RECORDED IN VOLUME 69 CSM ON PAGES 321-322 AS DOCUMENT 4080936, AND THAT PART OF LOT 11 OF EASTWOOD ESTATES(ASHBERRY CONDOMINIUM RECORDED IN VOLUME 5-021A CONDO PLATS ON PAGE 1 AS DOCUMENT 4067205), AND THAT PART OF LOT 12 OF EASTWOOD ESTATES; ALL BEING A PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, SECTION 4, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 2722 RECORDED IN VOLUME 10 CSM ON PAGE 395 AS DOCUMENT 1555869, BEING IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 9; ALL IN TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON; AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 3346 RECORDED IN VOLUME 13 CSM OF PAGES 123-124 AS DOCUMENT 1646184 BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, AND PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, ALL IN SECTION 9, TOWNSHIP 5 NORTH, RANGE 11 EAST, TOWN OF DUNKIRK, DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21.

EXISTING RIGHT OF WAY FOR CTH N(VETERANS ROAD) ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21, EASTWOOD ESTATES, CSM 2617, CSM 2722, CSM 6963(NOT SHOWN), CSM 7075, AND DOCUMENT 2138235.

EXISTING RIGHT OF WAY FOR ASHBERRY LANE ESTABLISHED FROM EASTWOOD ESTATES.

EXISTING RIGHT OF WAY FOR RACE TRACK ROAD ESTABLISHED FROM CSM 3346(NOT SHOWN) AND POS 2000-00577.

EXISTING ACCESS CONTROL FOR CTH N ESTABLISHED FROM PREVIOUS PROJECTS 5845-02-21, AND EASTWOOD ESTATES.

EXISTING ACCESS CONTROL FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECTS 5845-02-21, AND 5845-02-29, EASTWOOD ESTATES, DOC. 2138235, AND CSM 7137.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, OF DOCUMENT NO. 5875216 FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
200-201	N02° 02' 57"W	4.54'
201-202	N02° 02' 57"W	60.27'
202-203	S53° 04' 33"E	18.14'
203-204	S53° 04' 33"E	30.56'
204-205	N89° 15' 55"E	169.71'
204-226	S53° 04' 33"E	7.00'
226-206	N88° 30' 28"E	205.32'
205-206	S88° 33' 24"E	41.16'
206-207	N88° 30' 28"E	490.14'
207-208	N88° 30' 28"E	101.49'
208-209	N88° 30' 28"E	416.50'
209-210	N89° 48' 06"E	78.37'
210-211	S02° 01' 35"E	51.18'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
211-212	S02° 01' 35"E	2.88'
212-213	S00° 12' 57"E	45.97'
213-216	S80° 05' 28"W	35.58'
216-217	N37° 30' 33"W	10.74'
217-218	N79° 09' 02"W	38.87'
218-219	S89° 18' 38"W	1138.72'
219-220	S83° 54' 19"W	87.38'
220-221	S41° 39' 45"W	31.14'
221-222	S00° 44' 05"E	17.00'
222-223	S09° 20' 45"W	45.71'
223-224	S00° 44' 05"E	41.00'
224-225	S89° 15' 55"W	2.37'
225-200	N00° 13' 05"W	176.47'

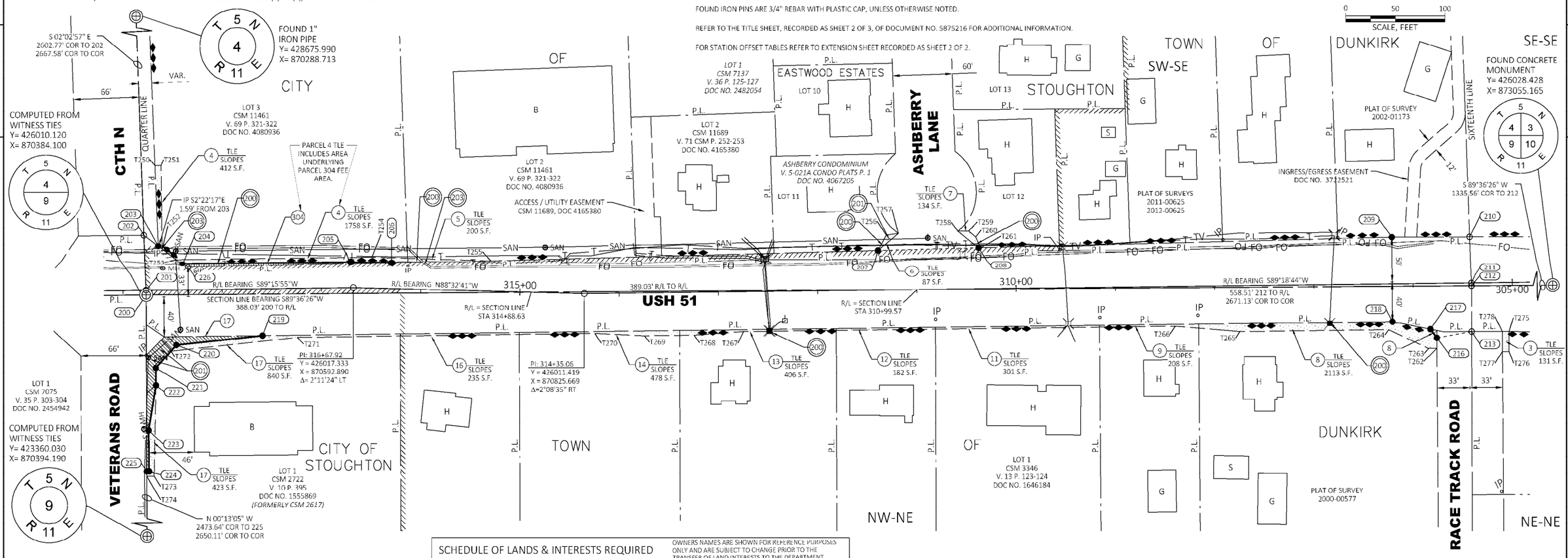
GN

0 50 100
SCALE, FEET

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5917044
08/04/2023 01:17 PM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER. 5845-16-22 - 4.01
AMENDMENT NO: 1
SHEET 1 OF 2



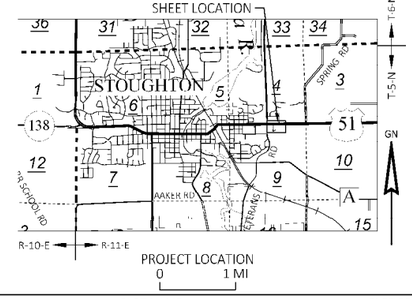
UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	AT&T	RELEASE OF RIGHTS
201	CITY OF STOUGHTON (SANITARY)	RELEASE OF RIGHTS
203	SPECTRUM	RELEASE OF RIGHTS

200 AT&T (WISCONSIN BELL, INC.)
DOCUMENT 2710157 - PARCELS 4, 5, 6, 7, & 304
DOCUMENT 2228766 - PARCELS 6 & 7
NO RECORDED EASEMENT - PARCELS 8 & 13

201 CITY OF STOUGHTON(SANITARY)
DOCUMENT 2710157 - PARCEL 6
NO RECORDED EASEMENT - PARCEL 17

203 SPECTRUM
DOCUMENT 2710157 - PARCELS 4, 304, & 5

SCHEDULE OF LANDS & INTERESTS REQUIRED	OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT					
PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
3	RICHARD A. GULLICKSON AND DEANNA R. GULLICKSON	TLE	---	---	---	131
4	JMA ENTERPRISES LIMITED PARTNERSHIP	TLE	---	---	---	2170
5	JUDD INVESTMENTS, LLC	TLE	---	---	---	200
6	DANIEL P. NAPIER AND CATHERINE F. NAPIER	TLE	---	---	---	87
7	NOEL RUDIE AND JANE RUDIE	TLE	---	---	---	134
8	WILLIAM A. DRAGO, III CHRISTINE L. CLEMENTS	FEE & TLE	24	109	133	2113
9	TODD P. DYBEVIK	TLE	---	---	---	208
11	DAVID A. KALLAND AND BARBARA A. KALLAND	TLE	---	---	---	301
12	KEVIN URQUHART	TLE	---	---	---	182
13	LINDA M. SCHMIDT	TLE	---	---	---	406
14	JANET T. HARVEY LIVING TRUST, DATED JANUARY 10, 2002	TLE	---	---	---	478
16	STEVEN J. REILLY AND BRENDA L. REILLY	TLE	---	---	---	235
17	COUNTY OF DANE	FEE & TLE	1415	272	1687	1263
304	JMA ENTERPRISES LIMITED PARTNERSHIP	FEE	580	---	580	---



J ENGINEERING, INC
Professional Services

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

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: DATE: 8/4/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: DATE: 8/4/2023
PRINT NAME: CORY SCHLAGEL
209

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP-AMEND.DWG
PLOT DATE : 8/4/2023 10:20 AM
PLOT BY : RYAN MALUEG
PLOT NAME :
PLOT SCALE : 1" = 50'
APPRAISAL PLAT DATE : 8/4/2023

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.01 - AMENDMENT NO. 1
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

GN

NOTES:

POSITIONS SHOWN ON POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3, OF DOCUMENT NO. 5875216 FOR ADDITIONAL INFORMATION.

4

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
200	318+76.78	4.53' LT
201	318+76.89	0.00' RT
202	318+78.27	60.26' RT
203	318+63.91	49.17' RT
204	318+39.71	30.50' RT
205	316+70.00	30.50' RT
206	316+30.00	30.41' RT
207	311+38.63	44.56' RT
208	310+37.15	45.98' RT
209	306+20.70	51.83' RT
210	305+42.33	51.16' RT
211	305+41.14	0.00' RT
212	305+41.07	2.88' LT

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
213	305+41.45	48.84' LT
216	305+76.56	54.54' LT
217	305+83.00	45.94' LT
218	306+21.08	38.17' LT
219	317+60.00	46.84' LT
220	318+47.00	55.00' LT
221	318+68.00	78.00' LT
222	318+68.00	95.00' LT
223	318+76.00	140.00' LT
224	318+76.00	181.00' LT
225	318+78.37	181.00' LT
226	318+34.17	26.22' RT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T250	318+66.14	130.00' RT
T251	318+60.00	130.00' RT
T252	318+60.00	46.16' RT
T253	318+46.19	35.50' RT
T254	316+50.00	36.21' RT
T255	315+30.00	35.56' RT
T256	311+30.00	60.00' RT
T257	311+17.82	61.56' RT
T258	310+57.84	63.00' RT
T259	310+47.00	63.00' RT
T260	310+40.00	57.00' RT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T261	310+35.00	46.01' RT
T262	305+76.61	64.97' LT
T263	305+85.02	64.98' LT
T264	306+24.99	46.00' LT
T265	307+75.00	46.00' LT
T266	308+40.00	40.00' LT
T267	312+75.00	40.00' LT
T268	313+25.00	43.00' LT
T269	313+75.00	43.00' LT
T270	314+25.00	40.00' LT
T271	317+25.00	49.00' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T272	318+52.45	61.00' LT
T273	318+71.00	186.00' LT
T274	318+78.42	186.00' LT
T275	305+03.80	49.17' LT
T276	305+04.00	69.00' LT
T277	305+10.62	69.00' LT
T278	305+10.54	49.00' LT

4

PROJECT NUMBER 5845-16-22 - 4.01
SHEET 2 OF 2
AMENDMENT NO: 1

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP-AMEND.DWG PLOT DATE : 8/4/2023 10:20 AM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1" = 50'

5845-16-72 5845-16-22 4.01 AMEND NO. 1

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.01

THAT PART LOT 2 AND LOT 3 OF CERTIFIED SURVEY MAP 11461 RECORDED IN VOLUME 69 CSM ON PAGES 321-322 AS DOCUMENT 4080936, AND THAT PART OF LOT 11 OF EASTWOOD ESTATES(ASHBERRY CONDOMINIUM RECORDED IN VOLUME 5-021A CONDO PLATS ON PAGE 1 AS DOCUMENT 4067205), AND THAT PART OF LOT 12 OF EASTWOOD ESTATES; ALL BEING A PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4, SECTION 4, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 2722 RECORDED IN VOLUME 10 CSM ON PAGE 395 AS DOCUMENT 1555869, BEING IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, SECTION 9; ALL IN TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON; AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 3346 RECORDED IN VOLUME 13 CSM OF PAGES 123-124 AS DOCUMENT 1646184 BEING IN AND INCLUDING PART OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, AND PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, ALL IN SECTION 9, TOWNSHIP 5 NORTH, RANGE 11 EAST, TOWN OF DUNKIRK, DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN. PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2). WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21.

EXISTING RIGHT OF WAY FOR CTH N(VETERANS ROAD) ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21, EASTWOOD ESTATES, CSM 2617, CSM 2722, CSM 6963(NOT SHOWN), CSM 7075, AND DOCUMENT 2138235.

EXISTING RIGHT OF WAY FOR ASHBERRY LANE ESTABLISHED FROM EASTWOOD ESTATES.

EXISTING RIGHT OF WAY FOR RACE TRACK ROAD ESTABLISHED FROM CSM 3346(NOT SHOWN) AND POS 2000-00577.

EXISTING ACCESS CONTROL FOR CTH N ESTABLISHED FROM PREVIOUS PROJECTS 5845-02-21, AND EASTWOOD ESTATES.

EXISTING ACCESS CONTROL FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECTS 5845-02-21, AND 5845-02-29, EASTWOOD ESTATES, DOC. 2138235, AND CSM 7137.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF THIS DOCUMENT FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 3 OF 3.

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
200-201	N02° 02' 57"W	4.54'
201-202	N02° 02' 57"W	60.27'
202-203	S53° 04' 33"E	18.14'
203-204	S53° 04' 33"E	30.56'
204-205	N89° 15' 55"E	169.71'
205-206	S88° 33' 24"E	41.16'
206-207	N88° 30' 28"E	490.14'
207-208	N88° 30' 28"E	101.49'
208-209	N88° 30' 28"E	416.50'
209-210	N89° 48' 06"E	78.37'
210-211	S02° 01' 35"E	51.18'
211-212	S02° 01' 35"E	2.88'
212-213	S00° 12' 57"E	45.97'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
213-216	S80° 05' 28"W	35.58'
216-217	N37° 30' 33"W	10.74'
217-218	N79° 09' 02"W	38.87'
218-219	S89° 18' 38"W	1138.72'
219-220	S83° 54' 19"W	87.38'
220-221	S41° 39' 45"W	31.14'
221-222	S00° 44' 05"E	17.00'
222-223	S09° 20' 45"W	45.71'
223-224	S00° 44' 05"E	41.00'
224-225	S89° 15' 55"W	2.37'
225-200	N00° 13' 05"W	176.47'

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5875216
11/23/2022 11:51 AM
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Rec. Fee: 25.00
Pages:
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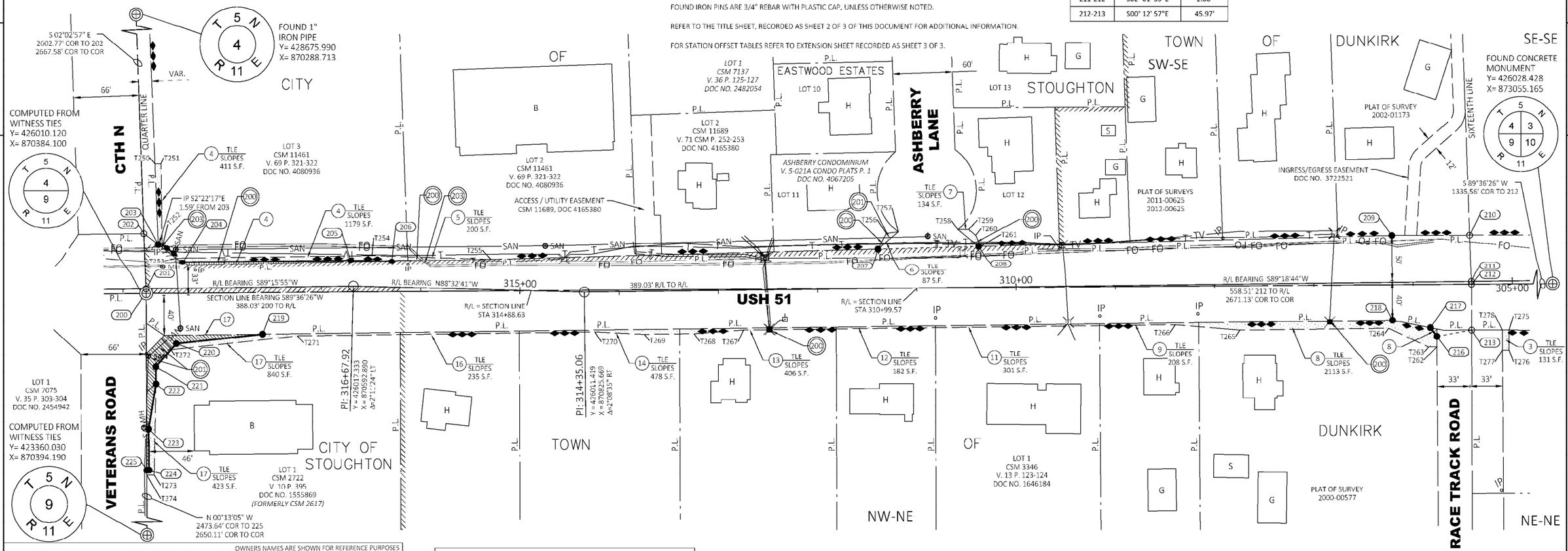
PROJECT NUMBER. 5845-16-22 - 4.01
AMENDMENT NO:
SHEET 1 OF 3



SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
3	RICHARD A. GULLICKSON AND DEANNA R. GULLICKSON	TLE	---	---	---	131
4	JMA ENTERPRISES LIMITED PARTNERSHIP	FEE & TLE	580	---	580	1590
5	JUDD INVESTMENTS, LLC	TLE	---	---	---	200
6	DANIEL P. NAPIER AND CATHERINE F. NAPIER	TLE	---	---	---	87
7	NOEL RUDIE AND JANE RUDIE	TLE	---	---	---	134
8	WILLIAM A. DRAGO, III CHRISTINE L. CLEMENTS	FEE & TLE	24	109	133	2113
9	TODD P. DYBEVIK	TLE	---	---	---	208
11	DAVID A. KALLAND AND BARBARA A. KALLAND	TLE	---	---	---	301
12	KEVIN URQUHART	TLE	---	---	---	182
13	LINDA M. SCHMIDT	TLE	---	---	---	406
14	JANET T. HARVEY LIVING TRUST, DATED JANUARY 10, 2002	TLE	---	---	---	478
16	STEVEN J. REILLY AND BRENDA L. REILLY	TLE	---	---	---	235
17	COUNTY OF DANE	FEE & TLE	1415	272	1687	1263

UTILITY INTERESTS REQUIRED

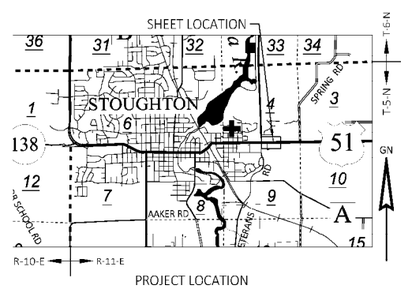
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	AT&T	RELEASE OF RIGHTS
201	CITY OF STOUGHTON (SANITARY)	RELEASE OF RIGHTS
203	SPECTRUM	RELEASE OF RIGHTS

(200) AT&T (WISCONSIN BELL, INC.)
DOCUMENT 2710157 - PARCELS 4, 5, 6, & 7
DOCUMENT 2228766 - PARCELS 6 & 7
NO RECORDED EASEMENT - PARCELS 8 & 13

(201) CITY OF STOUGHTON(SANITARY)
DOCUMENT 2710157 - PARCEL 6
NO RECORDED EASEMENT - PARCEL 17

(203) SPECTRUM
DOCUMENT 2710157 - PARCELS 4 & 5

GN
0 50 100
SCALE, FEET



JEngineering, Inc
Engineering Solutions

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

SIGNATURE: James Cappeart DATE: 11/18/2022
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/22/2022
PRINT NAME: CORY SCHLAGEL 211

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE : 11/18/2022
PLOT DATE : 11/18/2022 3:23 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1" = 50'

5845-16-72 5845-16-22 4.01

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.01
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

GN

NOTES:

POSITIONS SHOWN ON POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF THIS DOCUMENT FOR ADDITIONAL INFORMATION.

4

4

TLE STATION & OFFSET TABLE

POINT #	STATION	OFFSET
T250	318+66.14	130.00'
T251	318+60.00	130.00'
T252	318+60.00	46.16'
T253	318+46.19	35.50'
T254	316+50.00	36.21'
T255	315+30.00	35.56'
T256	311+30.00	60.00'
T257	311+17.82	61.56'
T258	310+57.84	63.00'
T259	310+47.00	63.00'
T260	310+40.00	57.00'
T261	310+35.00	46.01'
T262	305+76.61	64.97'
T263	305+85.02	64.98'
T264	306+24.99	46.00'

TLE STATION & OFFSET TABLE

POINT #	STATION	OFFSET
T265	307+75.00	46.00'
T266	308+40.00	40.00'
T267	312+75.00	40.00'
T268	313+25.00	43.00'
T269	313+75.00	43.00'
T270	314+25.00	40.00'
T271	317+25.00	49.00'
T272	318+52.45	61.00'
T273	318+71.00	186.00'
T274	318+78.42	186.00'
T275	305+03.80	49.17'
T276	305+04.00	69.00'
T277	305+10.62	69.00'
T278	305+10.54	49.00'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
200	318+76.78	-4.53'
201	318+76.89	0.00'
202	318+78.27	60.26'
203	318+63.91	49.17'
204	318+39.71	30.50'
205	316+70.00	30.50'
206	316+30.00	30.41'
207	311+38.63	44.56'
208	310+37.15	45.98'
209	306+20.70	51.83'
210	305+42.33	51.16'
211	305+41.14	0.00'
212	305+41.07	-2.88'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
213	305+41.45	-48.84'
216	305+76.56	-54.54'
217	305+83.00	-45.94'
218	306+21.08	-38.17'
219	317+60.00	-46.84'
220	318+47.00	-55.00'
221	318+68.00	-78.00'
222	318+68.00	-95.00'
223	318+76.00	-140.00'
224	318+76.00	-181.00'
225	318+78.37	-181.00'

PROJECT NUMBER 5845-16-22 - 4.01
SHEET 3 OF 3
AMENDMENT NO: 212

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG PLOT DATE : 11/18/2022 3:33 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1" = 50'

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.02 - AMENDMENT NO. 1

AMENDS PARCELS 28, 29, AND 31 OF TRANSPORTATION PLAT 5845-16-22 - 4.02, RECORDED AS DOCUMENT NO. 5883543.

THAT PART LOT 4, LOT 5, AND LOT 6 OF CHALET SQUARE, BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, SECTION 4, AND THAT PART OF STOUGHTON MEDICAL ARTS BUILDING INC, AN AMENDED CONDOMINIUM RECORDED IN AS DOCUMENT 2055919, AND THAT PART OF LOT 16 AND PARK LOT OF CHALET SUBDIVISION, AND THAT PART OF LOT 1 CERTIFIED SURVEY MAP 633 RECORDED IN VOLUME 3 CSM ON PAGE 147 AS DOCUMENT 1302082, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 6194 RECORDED N VOLUME 30 CSM ON PAGE 13 AS DOCUMENT 2218403, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 6963 RECORDED IN VOLUME 35 CSM ON PAGES 37-38 AS DOCUMENT 2424098, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 7075 RECORDED IN VOLUME 35 CSM ON PAGES 303-304 AS DOCUMENT 2454942, ALL BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 9, ALL IN TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON; AND THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, SECTION 4, TOWNSHIP 5 NORTH, RANGE 11 EAST, TOWN OF DUNKIRK, ALL IN DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED			
			NEW	EXISTING	TOTAL	TLE SF
18	VENNEVOLL, INC	FEE & TLE	84	---	84	8132
19	WAYNE E. TROW AND CHERYL B. TROW	TLE	---	---	---	1719
21	RANDAL L. BOVRE AND SUSAN A. BOVRE	TLE	---	---	---	1156
22	MADELYN HETTINGER AND JESSE MORAN	TLE	---	---	---	1027
23	BEVERLY M. KLADE	TLE	---	---	---	1236
24	ERIC D. FOSDAL AND ANNE M. FOSDAL	FEE & TLE	71	3175	3246	1321
26	JOSEPH A. KELLER	FEE & TLE	214	2064	2278	782
27	K&M PROPERY MANAGMENT GROUP, LLC	FEE & TLE	1628	7194	8822	2141
28	TSTT PROPERTIES, LLC	FEE & TLE	769	---	769	1525
29	T & T PARTNERSHIP, LLC	TLE	---	---	---	934
31	THOMAS W. MATSON	TLE	---	---	---	1134
32	NATTER MARITAL PROPERTY TRUST	TLE	---	---	---	2565
33	DHWANI LODGING, LLC	TLE	---	---	---	2046
34	VENDOR: VIKING VENDING, LLC VENDEE: IBRAHIM SALEH AND MAHA MOHAMED	FEE & TLE	66	---	66	1519
36	DANIEL P. VINEY AND LAURA E. VINEY MUTUAL ADVERTISING CO., LLC	FEE & TLE	44	2475	2519	689
37	TAFSHA PROPERTIES, LLC	FEE & TLE	49	2479	2528	600
38	RODERICK G. NITZSHE AND ROGER AND JUDITH NITZSCHE	FEE & TLE	65	2959	3024	720
39	CITY OF STOUGHTON	FEE & TLE	63	---	63	635

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21, CSM 633, CSM 6194, CSM 6963, CSM 7075, CHALET SQUARE, AND SEVERSON ACRES.

EXISTING RIGHT OF WAY FOR CTH N(VETERANS ROAD) ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21, EASTWOOD ESTATES, CSM 2617, CSM 2722, CSM 6963, CSM 7075, AND DOCUMENT 2138235.

EXISTING RIGHT OF WAY FOR CHALET DRIVE ESTABLISHED FROM CHALET SUBDIVISION AND VOLUME 201 RECORDS PAGE 214.

EXISTING RIGHT OF WAY FOR AMUNDSON PARKWAY ESTABLISHED FROM CHALET SQUARE, SEVERSON ACRES, AND HOLVERSONS SECOND ADDITION TO STOUGHTON.

EXISTING ACCESS CONTROL FOR USH 51 ESTABLISHED FROM CHALET SQUARE, SEVERSON ACRES, AND CHALET SUBDIVISION.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5917045
08/04/2023 01:18 PM
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Exempt #:
Rec. Fee: 25.00
Pages:
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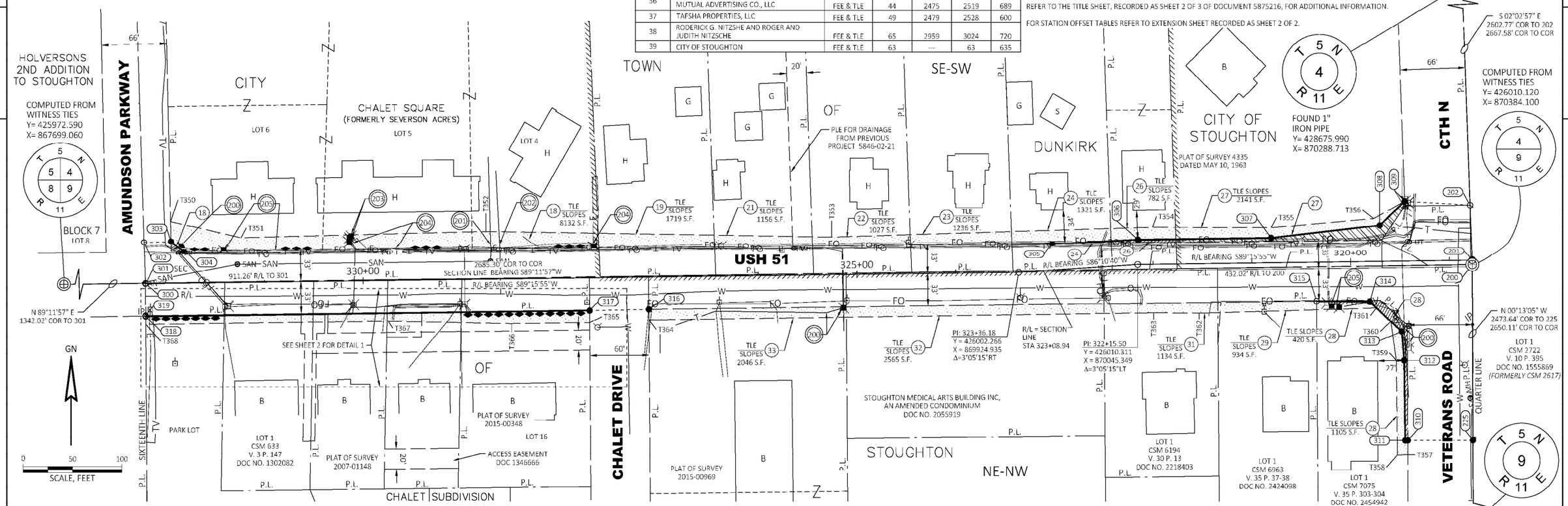
AMENDMENT NO: 1
SHEET 1 OF 2



UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	AT&T	RELEASE OF RIGHTS
201	CITY OF STOUGHTON (SANITARY)	RELEASE OF RIGHTS
202	CITY OF STOUGHTON (WATER)	RELEASE OF RIGHTS
203	SPECTRUM	RELEASE OF RIGHTS
204	CITY OF STOUGHTON (ELECTRIC)	RELEASE OF RIGHTS
205	TDS TELECOM	RELEASE OF RIGHTS
206	ALLIANT ENERGY (ELECTRIC)	RELEASE OF RIGHTS
207	AMERICAN TRANSMISSION COMPANY	RELEASE OF RIGHTS
208	ALLIANT ENERGY (GAS)	RELEASE OF RIGHTS

(200) AT&T
DOCUMENT 1877130 - PARCEL 18
NO RECORDED EASEMENT - PARCELS 28 & 33

(201) CITY OF STOUGHTON (SANITARY)
DOCUMENT 1877130 - PARCEL 18

(202) CITY OF STOUGHTON (WATER)
DOCUMENT 1877130 - PARCEL 18

(203) SPECTRUM
DOCUMENT 1877130 - PARCEL 18
DOCUMENT 1358827 - PARCEL 39

(204) CITY OF STOUGHTON (ELECTRIC)
DOCUMENT 1877130 - PARCEL 18
DOCUMENT 1358827 - PARCEL 39

(205) TDS TELECOM
DOCUMENT 1877130 - PARCEL 18
DOCUMENT 5543670 - PARCEL 28

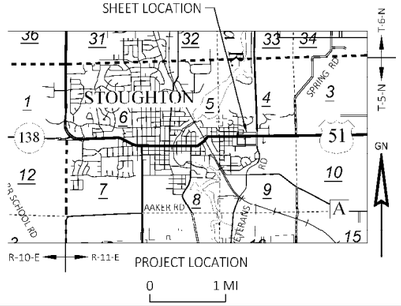
(206) ALLIANT ENERGY (ELECTRIC)
(WISCONSIN POWER AND LIGHT COMPANY)
DOCUMENT 632513 - PARCEL 23 (BLANKET)
DOCUMENT 835143 - PARCEL 39 (BLANKET)
DOCUMENT 632516 - PARCEL 32 (BLANKET)

(207) AMERICAN TRANSMISSION COMPANY
DOCUMENT 1823601
ASSIGNED IN DOCUMENT 3282842 - PARCEL 18
DOCUMENT 401623A
ASSIGNED IN DOCUMENT 3282842 - PARCEL 18
DOCUMENT 401624
ASSIGNED IN DOCUMENT 3282842 - PARCEL 39
DOCUMENT 1358827 - PARCEL 39

(208) ALLIANT ENERGY (GAS)
(STOUGHTON FUEL AND LIGHT COMPANY)
DOCUMENT 985609 - PARCEL 39

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
200-225	S00° 13' 05"E	176.47'
225-310	S89° 52' 06"W	66.00'
310-311	S89° 16' 58"W	2.62'
311-312	N00° 44' 33"W	80.30'
312-313	N04° 40' 48"W	29.07'
313-314	N47° 34' 57"W	43.86'
314-315	N89° 16' 09"W	53.94'
315-316	S89° 18' 38"W	675.94'
316-317	S88° 52' 15"W	60.00'
317-318	S89° 15' 55"W	449.39'
318-319	N00° 24' 03"W	0.82'
319-300	N00° 24' 03"W	32.19'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
300-301	N00° 24' 03"W	0.42'
301-302	N01° 49' 08"W	46.07'
302-303	N88° 10' 52"E	27.31'
303-304	S44° 48' 31"E	18.40'
304-305	N89° 18' 38"E	879.27'
305-306	N87° 00' 33"E	86.62'
306-307	N89° 15' 55"E	135.00'
307-308	N83° 33' 17"E	110.55'
308-309	N46° 07' 11"E	35.10'
309-202	S86° 37' 52"E	66.30'
202-201	S02° 02' 57"E	60.27'
201-200	S02° 02' 57"E	4.54'



J. ENGINEERING, INC
CONSULTING ENGINEERS

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

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 8/4/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 8/4/2023
PRINT NAME: CORY SCHLAGEL

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040102-RP-AMEND.DWG
APPRAISAL PLAT DATE : 8/4/2023
PLOT DATE : 8/4/2023 7:09 AM
PLOT BY : RYAN MALUEG
PLOT NAME :
PLOT SCALE : 1" = 50'

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.02 - AMENDMENT NO. 1
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

GN

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

4

R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
200	318+76.78	4.53' LT
201	318+76.89	0.00' RT
202	318+78.27	60.26' RT
225	318+78.37	181.00' LT
300	332+20.24	0.00' RT
301	332+20.24	0.42' RT
302	332+21.11	46.48' RT
303	331+93.80	47.00' RT
304	331+81.00	33.78' RT
305	323+00.00	31.19' RT
306	322+15.00	30.00' RT
307	320+80.00	30.00' RT

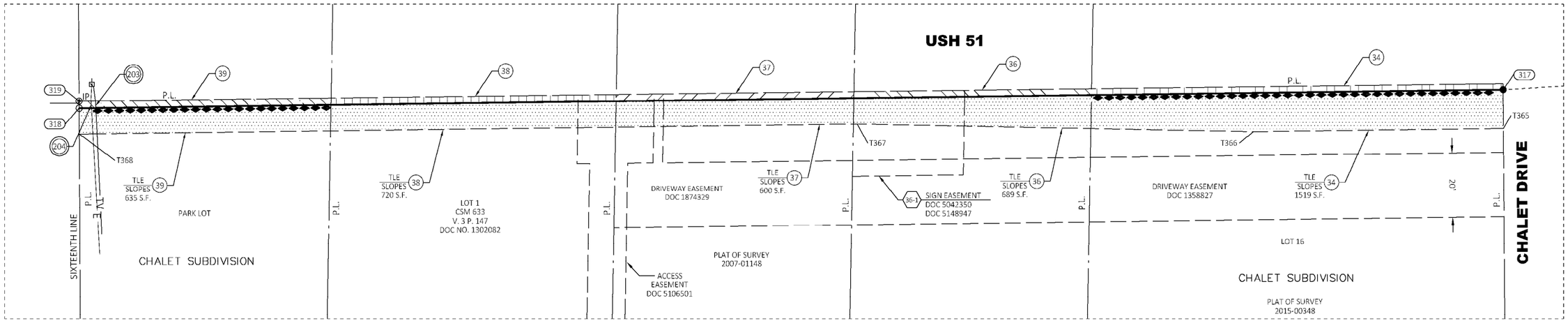
R/W STATION & OFFSET TABLE		
POINT	STATION	OFFSET
308	319+70.00	41.00' RT
309	319+44.39	65.00' RT
310	319+44.37	180.31' LT
311	319+46.99	180.30' LT
312	319+47.00	100.00' LT
313	319+49.00	71.00' LT
314	319+81.00	41.00' LT
315	320+34.92	39.62' LT
316	327+11.04	32.59' LT
317	327+71.04	33.00' LT
318	332+20.43	33.00' LT
319	332+20.43	32.18' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T350	331+93.99	67.00' RT
T351	331+23.00	50.00' RT
T352	328+75.00	53.00' RT
T353	325+25.00	43.00' RT
T354	322+00.00	42.00' RT
T355	320+80.00	40.00' RT
T356	319+76.00	48.00' RT
T357	319+44.50	195.00' LT
T358	319+55.00	195.00' LT
T359	319+55.00	100.00' LT

TLE STATION & OFFSET TABLE		
POINT	STATION	OFFSET
T360	319+60.00	60.69' LT
T361	319+74.39	47.19' LT
T362	321+54.00	50.00' LT
T363	322+00.00	49.00' LT
T364	327+11.10	43.00' LT
T365	327+71.11	45.00' LT
T366	328+50.00	45.00' LT
T367	329+75.00	41.00' LT
T368	332+20.48	41.00' LT

4

DETAIL 1



PROJECT NUMBER	5845-16-22 - 4.02
SHEET	2 OF 2
AMENDMENT NO:	1

214

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040102-RP-AMEND.DWG PLOT DATE : 8/4/2023 7:09 AM PLOT BY : RYAN MALUEG PLOT NAME : PLOT SCALE : 1" = 50'

5845-16-72 5845-16-22 4.02 AMEND NO. 1

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.02

THAT PART LOT 4, LOT 5, AND LOT 6 OF CHALET SQUARE, BEING IN AND INCLUDING PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, SECTION 4, AND THAT PART OF STOUGHTON MEDICAL ARTS BUILDING INC, AN AMENDED CONDOMINIUM RECORDED IN AS DOCUMENT 2055919, AND THAT PART OF LOT 16 AND PARK LOT OF CHALET SUBDIVISION, AND THAT PART OF LOT 1 CERTIFIED SURVEY MAP 633 RECORDED IN VOLUME 3 CSM ON PAGE 147 AS DOCUMENT 1302082, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 6194 RECORDED N VOLUME 30 CSM ON PAGE 13 AS DOCUMENT 2218403, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 6963 RECORDED IN VOLUME 35 CSM ON PAGES 37-38 AS DOCUMENT 2424098, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 7075 RECORDED IN VOLUME 35 CSM ON PAGES 303-304 AS DOCUMENT 2454942, ALL BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE NORTHWEST 1/4, SECTION 9, ALL IN TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON; AND THAT PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, SECTION 4, TOWNSHIP 5 NORTH, RANGE 11 EAST, TOWN OF DUNKIRK, ALL IN DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
18	VENNEVOLI, INC	FEE & TLE	84	---	84	8132
19	WAYNE E. TROW AND CHERYL B. TROW	TLE	---	---	---	1719
21	RANDAL L. BOVRE AND SUSAN A. BOVRE	TLE	---	---	---	1156
22	MADELYN HETTINGER AND JESSE MORAN	TLE	---	---	---	1027
23	BEVERLY M. KLADE	TLE	---	---	---	1236
24	ERIC D. FOSDAL AND ANNE M. FOSDAL	FEE & TLE	71	3175	3246	1321
26	JOSEPH A. KELLER	FEE & TLE	214	2064	2278	782
27	K&M PROPERY MANAGMENT GROUP, LLC	FEE & TLE	1628	7194	8822	2141
28	TSTT PROPERTIES, LLC	FEE & TLE	833	---	833	1486
29	T & T PARTNERSHIP, LLC	FEE & TLE	148	---	148	787
31	THOMAS W. MATSON	FEE & TLE	157	3982	4139	977
32	NATTER MARITAL PROPERTY TRUST	TLE	---	---	---	2565
33	DHWANI LODGING, LLC	TLE	---	---	---	2046
34	VENDOR: VIKING VENDING, LLC VENDEE: IBRAHIM SALEH AND MAHA MOHAMED	FEE & TLE	66	---	66	1519
36	DANIEL P. VINEY AND LAURA E. VINEY MUTUAL ADVERTISING CO., LLC	FEE & TLE	44	2475	2519	689
37	TAFSHA PROPERTIES, LLC	FEE & TLE	49	2479	2528	600
38	RODERICK G. NITZSHE AND ROGER AND JUDITH NITZSCHE	FEE & TLE	65	2959	3024	720
39	CITY OF STOUGHTON	FEE & TLE	63	---	63	635

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21, CSM 633, CSM 6194, CSM 6963, CSM 7075, CHALET SQUARE, AND SEVERSON ACRES.

EXISTING RIGHT OF WAY FOR CTH N(VETERANS ROAD) ESTABLISHED FROM PREVIOUS PROJECT 5846-02-21, EASTWOOD ESTATES, CSM 2617, CSM 2722, CSM 6963, CSM 7075, AND DOCUMENT 2138235.

EXISTING RIGHT OF WAY FOR CHALET DRIVE ESTABLISHED FROM CHALET SUBDIVISION AND VOLUME 201 RECORDS PAGE 214.

EXISTING RIGHT OF WAY FOR AMUNDSON PARKWAY ESTABLISHED FROM CHALET SQUARE, SEVERSON ACRES, AND HOLVERSONS SECOND ADDITION TO STOUGHTON.

EXISTING ACCESS CONTROL FOR USH 51 ESTABLISHED FROM CHALET SQUARE, SEVERSON ACRES, AND CHALET SUBDIVISION.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

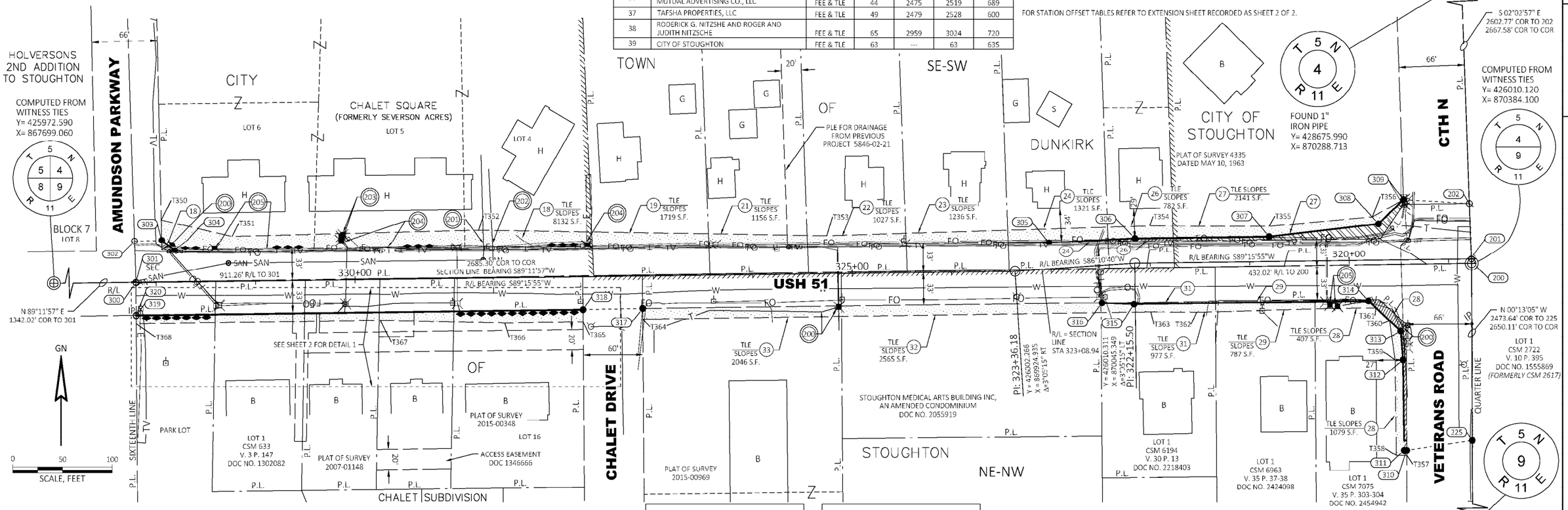
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5883543
01/24/2023 11:53 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5845-16-22 - 4.02
AMENDMENT NO:
SHEET 1 OF 2



UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	AT&T	RELEASE OF RIGHTS
201	CITY OF STOUGHTON (SANITARY)	RELEASE OF RIGHTS
202	CITY OF STOUGHTON (WATER)	RELEASE OF RIGHTS
203	SPECTRUM	RELEASE OF RIGHTS
204	CITY OF STOUGHTON (ELECTRIC)	RELEASE OF RIGHTS
205	TDS TELECOM	RELEASE OF RIGHTS
206	ALLIANT ENERGY (ELECTRIC)	RELEASE OF RIGHTS
207	AMERICAN TRANSMISSION COMPANY	RELEASE OF RIGHTS
208	ALLIANT ENERGY (GAS)	RELEASE OF RIGHTS

(200) AT&T
DOCUMENT 1877130 - PARCEL 18
NO RECORDED EASEMENT - PARCELS 28 & 33

(201) CITY OF STOUGHTON (SANITARY)
DOCUMENT 1877130 - PARCEL 18

(202) CITY OF STOUGHTON (WATER)
DOCUMENT 1877130 - PARCEL 18

(203) SPECTRUM
DOCUMENT 1877130 - PARCEL 18
DOCUMENT 1358827 - PARCEL 39

(204) CITY OF STOUGHTON (ELECTRIC)
DOCUMENT 1877130 - PARCEL 18
DOCUMENT 1358827 - PARCEL 39

(205) TDS TELECOM
DOCUMENT 1877130 - PARCEL 18
DOCUMENT 5543670 - PARCEL 28

(206) ALLIANT ENERGY (ELECTRIC) (WISCONSIN POWER AND LIGHT COMPANY)
DOCUMENT 632513 - PARCEL 23 (BLANKET)
DOCUMENT 835143 - PARCEL 39 (BLANKET)
DOCUMENT 632516 - PARCEL 32 (BLANKET)

(207) AMERICAN TRANSMISSION COMPANY
DOCUMENT 1823601
ASSIGNED IN DOCUMENT 3282842 - PARCEL 18
DOCUMENT 401623A
ASSIGNED IN DOCUMENT 3282842 - PARCEL 18
DOCUMENT 401624
ASSIGNED IN DOCUMENT 3282842 - PARCEL 39
DOCUMENT 1358827 - PARCEL 39

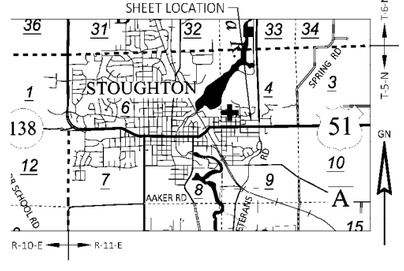
(208) ALLIANT ENERGY (GAS) (STOUGHTON FUEL AND LIGHT COMPANY)
DOCUMENT 985609 - PARCEL 39

R/W COURSE TABLE

POINT #	BEARING	LENGTH
301-302	N01° 49' 08"W	46.07'
302-303	N88° 10' 52"E	27.31'
303-304	S44° 48' 31"E	18.40'
304-305	N89° 18' 38"E	879.27'
305-306	N87° 00' 33"E	86.62'
306-307	N89° 15' 55"E	135.00'
307-308	N83° 33' 17"E	110.55'
308-309	N46° 07' 11"E	35.10'
309-202	S86° 37' 51"E	66.29'
202-201	S02° 02' 57"E	60.27'
201-200	S02° 02' 57"E	4.54'
200-225	S00° 13' 05"E	176.47'
225-310	S81° 30' 35"W	66.69'

R/W COURSE TABLE

POINT #	BEARING	LENGTH
310-311	S89° 15' 55"W	2.54'
311-312	N00° 44' 05"W	90.00'
312-313	N04° 40' 48"W	29.07'
313-314	N47° 34' 57"W	43.86'
314-315	S89° 14' 02"W	235.79'
315-316	N87° 44' 49"W	32.18'
316-317	S89° 18' 38"W	461.94'
317-318	S88° 52' 15"W	60.00'
318-319	S89° 15' 55"W	449.39'
319-320	N00° 24' 03"W	0.42'
320-300	N00° 24' 03"W	32.58'
300-301	N00° 24' 03"W	0.42'



ENGINEERING, INC

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

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 1/18/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 1/24/2023
PRINT NAME: CORY SCHLAGEL

215

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG
PLOT DATE : 1/18/2023 3:31 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1" = 50'
APPRAISAL PLAT DATE : 1/18/2023

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.02
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

GN

4

4

TLE STATION & OFFSET TABLE

POINT #	STATION	OFFSET
T350	331+93.99	67.00'
T351	331+23.00	50.00'
T352	328+75.00	53.00'
T353	325+25.00	43.00'
T354	322+00.00	42.00'
T355	320+80.00	40.00'
T356	319+76.00	48.00'
T357	319+44.50	-195.00'
T358	319+55.00	-195.00'
T359	319+55.00	-100.00'
T360	319+60.00	-60.69'
T361	319+73.53	-48.00'
T362	321+54.00	-50.00'

TLE STATION & OFFSET TABLE

POINT #	STATION	OFFSET
T363	322+00.00	-49.00'
T364	327+11.10	-43.00'
T365	327+71.11	-45.00'
T366	328+50.00	-45.00'
T367	329+75.00	-41.00'
T368	332+20.48	-41.00'

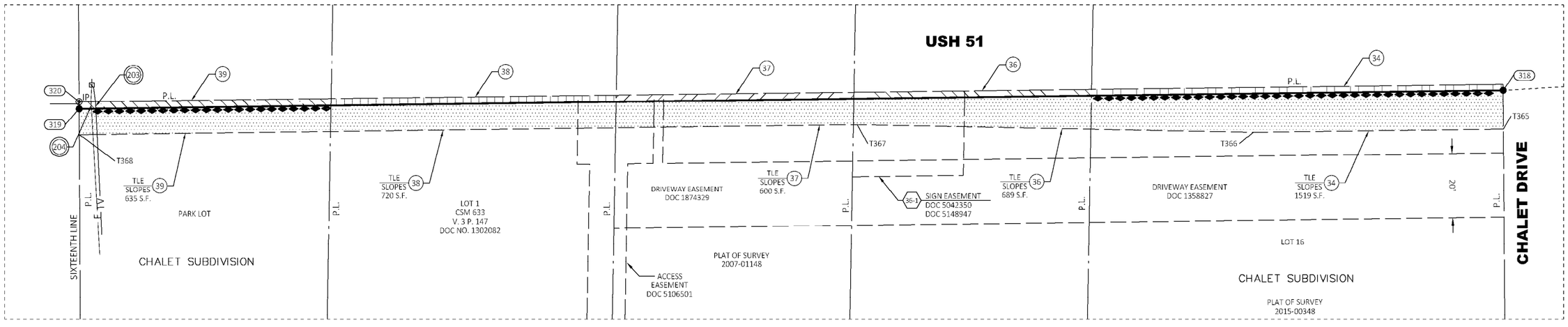
R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
200	318+76.78	-4.53'
201	318+76.89	0.00'
202	318+78.27	60.26'
225	318+78.37	-181.00'
300	332+20.24	0.00'
301	332+20.24	0.42'
302	332+21.11	46.48'
303	331+93.80	47.00'
304	331+81.00	33.78'
305	323+00.00	31.19'
306	322+15.00	30.00'
307	320+80.00	30.00'
308	319+70.00	41.00'
309	319+44.39	65.00'

R/W STATION & OFFSET TABLE

POINT #	STATION	OFFSET
310	319+44.46	-190.00'
311	319+47.00	-190.00'
312	319+47.00	-100.00'
313	319+49.00	-71.00'
314	319+81.00	-41.00'
315	322+19.00	-41.00'
316	322+51.00	-37.59'
317	327+11.04	-32.59'
318	327+71.04	-33.00'
319	332+20.43	-33.00'
320	332+20.43	-32.58'

DETAIL 1



PROJECT NUMBER 5845-16-22 - 4.02
SHEET 2 OF 2
AMENDMENT NO: 216

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG PLOT DATE : 1/18/2023 12:54 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1" = 50'

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.03

THAT PART OF LOT 1 CERTIFIED SURVEY MAP 13878 RECORDED IN VOLUME 92 CSM ON PAGE 117-120 AS DOCUMENT 5119200(STOUGHTON HOSPITAL CONDOMINIUM RECORDED IN VOLUME 7-078A CONDOMINIUM PLATS ON PAGES 1-3 AS DOCUMENT 5452998) AND THAT PART OF LOT 3 AND LOT 4 IN BLOCK 3, AND THAT PART OF LOT 5, LOT 6, LOT 7, AND LOT 8 IN BLOCK 4, IN HALVERSONS ADDITION TO STOUGHTON, AND THAT PART OF LOT 5, LOT 6, LOT 7, AND LOT 8 IN BLOCK 7 OF HOLVERSON'S 2ND ADDITION TO STOUGHTON, BEING IN AND INCLUDING PART OF THE SOUTHWEST 1/4 OF THE SOUTHWEST 1/4 , SECTION 4, AND THAT PART OF THE LOT 1, LOT 2, LOT 3, AND LOT 4 IN BLOCK 1 OF JOHN NELSON ADDITION TO THE CITY OF STOUGHTON, AND THAT PART OF LOT 1, LOT 2, AND LOT 3 IN BLOCK 1, AND THAT PART OF LOT 1, LOT 2, LOT 3, AND LOT 4 IN BLOCK 2, IN BJOIN AND GUNDERSON'S ADDITION, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 13224 RECORDED IN VOLUME 85 CSM ON PAGES 117-119 AS DOCUMENT 4833883, AND THAT PART OF LOT 3 OF CERTIFIED SURVEY MAP 5841 RECORDED IN VOLUME 27 CSM ON PAGES 276-277 AS DOCUMENT 2139305, BEING IN AND INCLUDING THAT PART OF THE NORTHWEST 1/4 OF THE NORTHWEST 1/4, SECTION 9, ALL IN TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

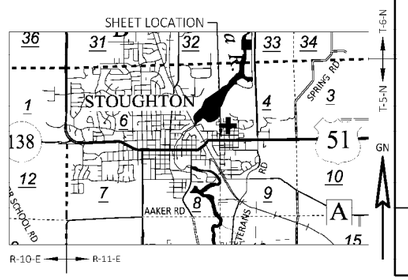
TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T368	332+20.48	-41.00'
T450	345+62.89	40.00'
T451	342+57.00	41.00'
T452	342+49.14	54.00'
T453	341+83.14	55.00'
T454	341+26.00	44.00'
T455	339+25.00	39.00'
T456	339+19.16	55.00'
T457	338+53.22	62.00'
T458	338+44.00	41.00'
T459	336+06.00	40.00'
T460	335+88.95	58.00'
T461	335+22.98	61.00'

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T462	335+00.00	45.00'
T463	332+83.00	44.00'
T464	332+60.08	76.58'
T465	334+54.00	-41.00'
T466	334+75.00	-44.00'
T467	335+99.00	-43.00'
T468	336+05.00	-67.00'
T469	336+13.00	-67.00'
T470	336+13.00	-116.00'
T471	336+16.57	-116.00'
T472	336+54.55	-65.00'
T473	336+73.00	-40.00'
T474	337+58.00	-39.00'

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T475	338+46.00	-43.00'
T476	338+46.00	-50.00'
T477	338+52.48	-55.00'
T478	339+18.48	-55.00'
T479	339+25.00	-50.00'
T480	339+25.00	-40.00'
T481	341+75.00	-39.00'
T482	341+82.49	-51.50'
T483	342+48.51	-55.00'
T484	342+57.00	-39.00'
T485	344+25.00	-41.00'
T486	344+98.00	-41.00'
T487	345+12.92	-54.00'

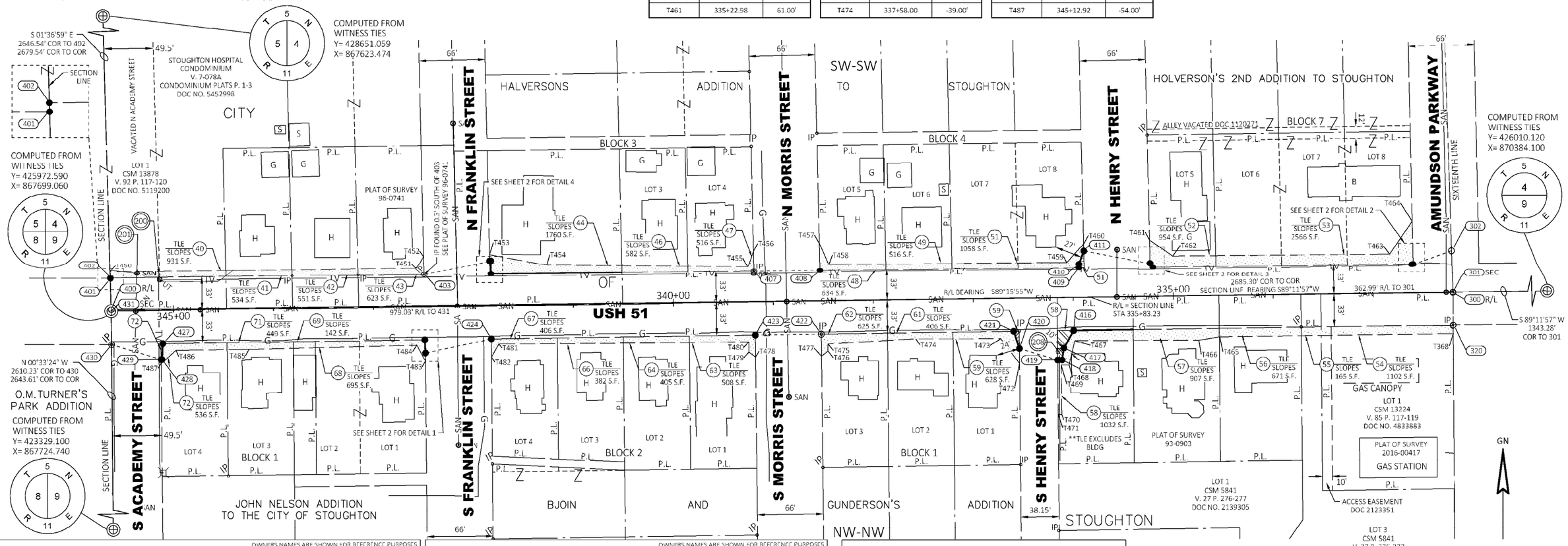


KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5883546
01/24/2023 11:57 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:

The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER. 5845-16-22 - 4.03
AMENDMENT NO:
SHEET 1 OF 2



SCHEDULE OF LANDS & INTERESTS REQUIRED							OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT
PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF	
40	STOUGHTON HOSPITAL ASSOCIATION	TLE	---	---	---	931	
41	PAUL W DERR, JR. AND BARBARA L. DERR	TLE	---	---	---	534	
42	JEAN M. GOHLKE	TLE	---	---	---	551	
43	LARRY LANGMEIER	TLE	---	---	---	623	
44	GURENA M. LINNERUD AND PHILLIP O. LUNNERUD	FEE & TLE	17	5858	5875	1760	
46	AARON D. TECHE AND JENNIFER A. TECHE	TLE	---	---	---	582	
47	JOSHUA Q. RICHARDS	TLE	---	---	---	516	
48	MARIO MARTINEZ OSORNIO AND TRACI MARTINEZ	TLE	---	---	---	634	
49	DANIEL P. PARETSKY AND CAROL M. PARETSKY	TLE	---	---	---	516	
51	JONATHAN K. LEWIS AND SYLVIA S. LEWIS JOINT REVOCABLE TRUST	FEE & TLE	61	---	61	1058	
52	JEFFERY J. GASSEN AND TAMMY L. GASSEN	FEE & TLE	7	---	7	954	
53	BADGER WASH STOUGHTON, LLC	FEE & TLE	1	---	1	2566	
54	ZRH, LLC	TLE	---	---	---	1102	
55	NHP WI ALZ, LLC	TLE	---	---	---	165	
56	SHERRY L. JAMESON	TLE	---	---	---	671	

SCHEDULE OF LANDS & INTERESTS REQUIRED							OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT
PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF	
57	CLYDE R. DRAKE AND AMY L. BABULA	TLE	---	---	---	907	
58	CURTIS E. FIELDS AND CAROL M. FIELDS	FEE & TLE	257	2496	2753	1032	
59	TERRY L. TIFFANY AND PAULA M. TIFFANY	FEE & TLE	47	---	47	628	
61	WILLIAM SCANU AND JANE SCANU	TLE	---	---	---	406	
62	ALEXANDER D. GRAMOVOT AND ERICA L. CHRITIANSEN	TLE	---	---	---	625	
63	JOANN RUTH SWERIG GILBERT	TLE	---	---	---	508	
64	WILLIAM CONWAY	TLE	---	---	---	405	
66	JEANETTE A. MACKEN	TLE	---	---	---	382	
67	MICHAEL Y. BENNETT	TLE	---	---	---	406	
68	THE RICHARD AND CONNIE KRAUS REVOCABLE TRUST	FEE & TLE	4	---	4	695	
69	DEBORAH A. BYRD	TLE	---	---	---	142	
71	KELLY J L TINSMAN AND ANTHONY M. TINSMAN	TLE	---	---	---	449	
72	MICHAEL P. FERRARO AND JONALLE L. FERRARO	FEE & TLE	22	---	22	536	

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	AT&T	RELEASE OF RIGHTS
201	CITY OF STOUGHTON (SANITARY)	RELEASE OF RIGHTS
208	ALLIANT ENERGY (GAS)	RELEASE OF RIGHTS

(200) AT&T (WISCONSIN BELL, INC.)
DOCUMENT 5119200 - PARCEL 40
DOCUMENT 4647343 - PARCEL 40
NO RECORDED EASEMENT - PARCEL 53

(201) CITY OF STOUGHTON (SANITARY)
NO RECORDED EASEMENT - PARCEL 40

(208) ALLIANT ENERGY (GAS)
NO RECORDED EASEMENT - PARCEL 58

NOTES:
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES AND ADDITIONAL NOTES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

J ENGINEERING, INC
CONSULTING SURVEYORS

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

WISCONSIN
James R. Cappeart
S-3044
Green Bay
Wis.
LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 1/18/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 1/24/2023
PRINT NAME: CORY SCHLAGEL

217

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE : 1/18/2023
PLOT DATE : 1/18/2023 3:32 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1" = 50'

5845-16-72
5845-16-22 4.03

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.03
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

GN

4

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
300	332+20.24	0.00'
301	332+20.24	0.42'
302	332+21.11	46.48'
320	332+20.43	-32.58'
400	345+62.27	0.00'
401	345+62.76	31.50'
402	345+62.76	31.87'
403	342+48.91	32.23'
404	341+83.08	49.00'
405	341+82.00	49.00'
406	341+82.00	32.31'
407	339+18.93	32.61'
408	338+52.93	32.69'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
409	335+94.00	32.99'
410	335+94.00	38.00'
411	335+88.87	51.00'
412	335+22.73	38.00'
413	335+20.00	33.07'
414	332+61.00	33.37'
415	332+59.68	33.67'
416	336+00.00	-33.02'
417	336+10.00	-50.00'
418	336+12.00	-62.00'
419	336+16.39	-62.00'
420	336+54.50	-50.00'
421	336+60.00	-33.09'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
422	338+52.46	-33.31'
423	339+18.46	-33.39'
424	341+82.42	-33.69'
425	342+48.47	-46.81'
426	342+49.00	-33.77'
427	345+11.00	-34.07'
428	345+12.00	-50.00'
429	345+12.91	-50.00'
430	345+62.36	-34.51'
431	345+62.26	-1.13'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
431-400	N01° 36' 59"W	1.13'
400-401	N01° 36' 59"W	31.50'
401-402	N01° 36' 59"W	0.37'
402-403	N89° 11' 57"E	313.85'
403-404	N74° 58' 33"E	67.93'
404-405	N89° 15' 55"E	1.08'
405-406	S00° 44' 05"E	16.69'
406-407	N89° 11' 57"E	263.07'
407-408	N89° 11' 57"E	66.00'
408-409	N89° 11' 57"E	258.93'
409-410	N00° 44' 05"W	5.01'
410-411	N20° 46' 49"E	13.98'
411-412	S79° 36' 50"E	67.41'
412-413	S29° 45' 57"E	5.64'
413-414	N89° 11' 57"E	259.00'
414-415	N76° 42' 23"E	1.36'
415-302	N70° 52' 56"E	40.64'
302-301	S01° 49' 08"E	46.07'
301-300	S00° 24' 03"E	0.42'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
300-320	S00° 24' 03"E	32.58'
320-416	S89° 11' 57"W	379.57'
416-417	S29° 45' 33"W	19.71'
417-418	S08° 43' 39"W	12.17'
418-419	S89° 15' 55"W	4.39'
419-420	N73° 15' 24"W	39.95'
420-421	N18° 44' 49"W	17.78'
421-422	S89° 11' 57"W	192.46'
422-423	S89° 11' 57"W	66.00'
423-424	S89° 11' 57"W	263.96'
424-425	S78° 01' 39"W	67.34'
425-426	N03° 02' 41"W	13.06'
426-427	S89° 11' 57"W	262.00'
427-428	S02° 51' 25"W	15.96'
428-429	S89° 15' 55"W	0.91'
429-430	N73° 20' 39"W	51.82'
430-431	N00° 33' 24"W	33.38'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM JOHN NELSON ADDITION TO THE CITY OF STOUGHTON, BJOIN AND GUNDERSON'S ADDITION, HALVERSONS ADDITION TO STOUGHTON, HOLVERSON'S 2ND ADDITION TO STOUGHTON, CSM 5841, CSM 13224, CSM 13878, PLAT OF SURVEY 93-0903, PLAT OF SURVEY 96-0741, AND STATUTORY 4 ROD BASED ON PLATTED SECTION/CENTERLINE FROM AFORE MENTIONED MAPS.

EXISTING RIGHT OF WAY FOR AMUNDSEN PARKWAY ESTABLISHED FROM HOLVERSON'S 2ND ADDITION TO STOUGHTON, CHALET SQUARE, AND SEVERSON ACRES.

EXISTING RIGHT OF WAY FOR N HENRY STREET ESTABLISHED FROM HALVERSONS ADDITION TO STOUGHTON AND HOLVERSON'S 2ND ADDITION TO STOUGHTON.

EXISTING RIGHT OF WAY FOR N MORRIS STREET ESTABLISHED FROM HALVERSONS ADDITION TO STOUGHTON.

EXISTING RIGHT OF WAY FOR N FRANKLIN STREET ESTABLISHED FROM HALVERSONS ADDITION TO STOUGHTON AND PLAT OF SURVEY 96-0741.

EXISTING RIGHT OF WAY FOR S HENRY STREET ESTABLISHED FROM BJOIN AND GUNDERSON'S ADDITION AND CSM 5841.

EXISTING RIGHT OF WAY FOR S MORRIS STREET ESTABLISHED FROM BJOIN AND GUNDERSON'S ADDITION.

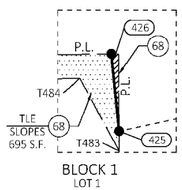
EXISTING RIGHT OF WAY FOR S FRANKLIN STREET ESTABLISHED FROM BJOIN AND GUNDERSON'S ADDITION AND JOHN NELSON ADDITION TO THE CITY OF STOUGHTON.

EXISTING RIGHT OF WAY FOR S ACADEMY STREET ESTABLISHED FROM JOHN NELSON ADDITION TO THE CITY OF STOUGHTON AND O.M.TURNER'S PARK ADDITION.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

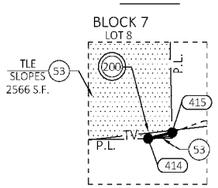
REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

DETAIL 1



BLOCK 1
LOT 1

DETAIL 2



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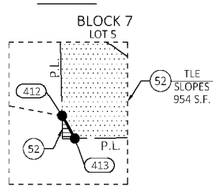
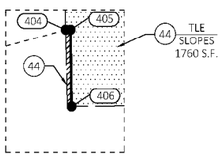


DETAIL 4



PROJECT NUMBER	5845-16-22	- 4.03	
SHEET	2 OF 2		
AMENDMENT NO:		218	

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG PLOT DATE : 1/18/2023 1:52 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1" = 50'

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.04

THAT PART OF LOT 1 CERTIFIED SURVEY MAP 13878 RECORDED IN VOLUME 92 CSM ON PAGE 117-120 AS DOCUMENT 5119200(STOUGHTON HOSPITAL CONDOMINIUM RECORDED IN VOLUME 7-078A CONDOMINIUM PLATS ON PAGES 1-3 AS DOCUMENT 5452998), AND THAT PART OF LOT 5, LOT 6, LOT 7, AND LOT 8 IN BLOCK 2, AND THAT PART OF LOT 5, LOT 6, LOT 7, AND LOT 8 IN BLOCK 3, IN O.M. TURNER'S ADDITION TO THE VILLAGE OF STOUGHTON, BEING IN PART OF THE SOUTHEAST 1/4 OF THE SOUTHEAST 1/4, SECTION 5, AND THAT PART OF LOT 1, LOT 2, LOT 3, LOT 4, LOT 5, LOT 6, AND LOT 7 IN BLOCK 1, AND THAT PART OF LOT 1, LOT 2, LOT 3, AND LOT 4 IN BLOCK 2, IN O.M. TURNER'S PARK ADDITION, AND THAT PART OF LOT 1 AND LOT 2 OF CERTIFIED SURVEY MAP 12811 RECORDED IN VOLUME 81 CSM ON PAGES 126-131 AS DOCUMENT 4616661, BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, SECTION 8, ALL IN TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM O.M. TURNER'S ADDITION TO THE VILLAGE OF STOUGHTON, O.M. TURNER'S PARK ADDITION, POS 94-640, CSM 12811, DOCUMENT 2107578, AND FIELD BOOK 68 PAGE 13 BY HINTZE DATED APRIL 8, 1929.

EXISTING RIGHT OF WAY FOR S ACADEMY STREET ESTABLISHED FROM JOHN NELSON ADDITION TO THE CITY OF STOUGHTON AND O.M. TURNER'S PARK ADDITION.

EXISTING RIGHT OF WAY FOR S LYNN STREET ESTABLISHED FROM O.M. TURNER'S PARK ADDITION.

EXISTING RIGHT OF WAY FOR CHURCH STREET ESTABLISHED FROM O.M. TURNER'S ADDITION TO THE VILLAGE OF STOUGHTON AND CSM 13878.

EXISTING RIGHT OF WAY FOR N LYNN STREET ESTABLISHED FROM O.M. TURNER'S ADDITION TO THE VILLAGE OF STOUGHTON.

EXISTING RIGHT OF WAY FOR HILLSIDE AVENUE ESTABLISHED FROM O.M. TURNER'S ADDITION TO THE VILLAGE OF STOUGHTON AND CSM 12811.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

FOUND 1" IRON PIPE
Y= 425979.843
X= 865013.059

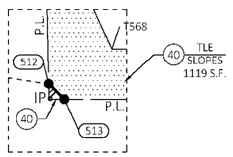
R/L CURVE 1
PI STA = 353+53.90
Y = 425972.506
X = 866907.407
DELTA = 53°16'34" LT
D = 22°55'06"
T = 125.40'
L = 232.46'
R = 250.00'
PC STA = 352+28.50
PT STA = 354+60.96

CURVE TABLE					
CURVE NO.	COURSE	ARC LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
C1	518-519	150.25'	232.60'	S56° 33' 03"W	147.65'

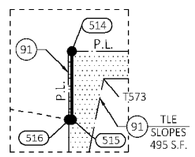
R/W COURSE TABLE		
POINT #	BEARING	LENGTH
504-505	N39° 44' 58"E	38.76'
505-506	S89° 58' 15"E	34.70'
506-507	N00° 54' 02"W	1.00'
507-508	S89° 58' 15"E	230.17'
508-509	S89° 58' 15"E	66.01'
509-510	S89° 58' 15"E	263.80'
510-511	N15° 53' 02"E	12.71'
511-512	S81° 25' 04"E	66.99'
512-513	S45° 15' 17"E	3.21'
513-401	S89° 58' 15"E	129.83'
401-400	S01° 36' 59"E	31.50'
400-431	S01° 36' 59"E	1.13'
431-430	S00° 33' 24"E	33.38'

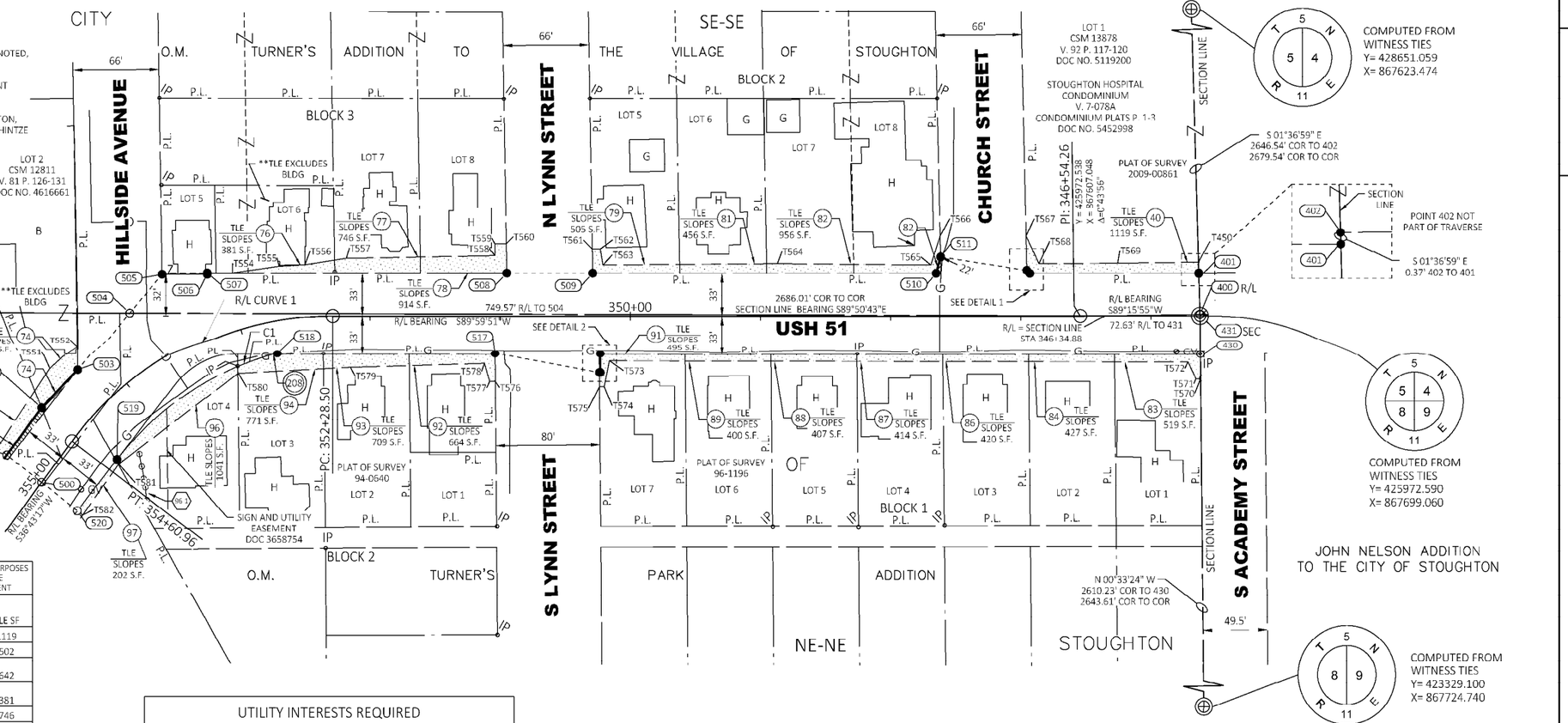
R/W COURSE TABLE		
POINT #	BEARING	LENGTH
430-514	N89° 58' 15"W	461.07'
514-515	S00° 00' 09"E	14.92'
515-516	N89° 44' 53"W	0.66'
516-517	N79° 25' 34"W	81.52'
517-518	N89° 58' 15"W	167.29'
518-519	SEE CURVE TABLE C1	
519-520	S38° 02' 44"W	49.48'
520-500	N51° 57' 16"W	34.86'
500-501	N51° 57' 16"W	33.96'
501-502	N36° 45' 11"E	44.71'
502-503	N43° 29' 47"E	40.34'
503-504	N39° 44' 58"E	62.55'

DETAIL 1



DETAIL 2





SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

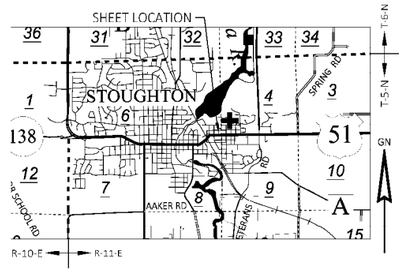
PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	EXISTING	TOTAL	TLE SF
40	STOUGHTON HOSPITAL ASSOCIATION	FEE & TLE	3	---	3	1119
73	556 EAST MAN LLC	FEE & TLE	145	1089	1234	502
74	DAVID L MCKICHAN AND SHANNON E MCKICHAN	FEE & TLE	81	2730	2811	642
76	RUSSELL J. OLMSTEAD AND KELLY J. OLMSTEAD	TLE	---	---	---	381
77	JORDAN RAGETH AND BETHANEE RAGETH	TLE	---	---	---	746
78	GERALD M. NEIS LIVING TRUST	TLE	---	---	---	914
79	CHARLES A. THURBER AND ASHLEY CALDECOTT	TLE	---	---	---	505
81	THE DALE AND LISA REEVES FAMILY TRUST	TLE	---	---	---	456
82	FRITZ-STOUGHTON, LLC	FEE & TLE	23	---	23	956
83	JOHN L. GORE AND DEANNA J. GORE	TLE	---	---	---	519
84	MICHAEL J. DANSEREAU	TLE	---	---	---	427
86	STEPHANIE PHILLIPS	TLE	---	---	---	420
87	REBECCA L. ANDERSON	TLE	---	---	---	414
88	ROBERT J. KITSON AND CLAIRE A. KITSON	TLE	---	---	---	407
89	FRANCISCO GOMEZ AND ANNA MARIE GOMEZ	TLE	---	---	---	400
91	GERALD F. PETERSON AND JEAN M. PETERSON REVOCABLE LIVING TRUST	FEE & TLE	11	---	11	495
92	ELLIOT RAZO AND ELAINA RAZO	TLE	---	---	---	664
93	DONALD C. LYTHJOHAN AND SUSAN K. LYTHJOHAN	TLE	---	---	---	709
94	LANA READ	TLE	---	---	---	771
96	RACHAEL STUBBLEFIELD ADAMS OUTDOOR ADVERTSING	TLE	---	---	---	1041
97	STOUGHTON TRAILERS, INC.	TLE	---	---	---	202

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
208	ALLIANT ENERGY (GAS)	RELEASE OF RIGHTS

208 ALLIANT ENERGY (GAS)
NO RECORDED EASEMENT - PARCEL 94

SCHEDULE OF SIGN STRUCTURES		
SIGN NUMBER	SIGN OWNER	OASIS NUMBER
96-1	ADAMS OUTDOOR ADVERTISING RACHAEL STUBBLEFIELD	-

GN
0 50 100
SCALE, FEET



J. ENGINEERING, INC

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

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 1/18/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 1/24/2023
PRINT NAME: CORY SCHLAGEL

219

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5883547
01/24/2023 11:57 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5845-16-22 - 4.04
AMENDMENT NO:
SHEET 1 OF 2

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE : 1/18/2023
PLOT DATE : 1/18/2023 3:42 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1" = 50'

5845-16-72 5845-16-22 4.04

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.04
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

GN

4

4

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T450	345+62.89	40.00'
T550	354+99.00	43.05'
T551	354+32.00	49.00'
T552	354+08.24	48.00'
T554	352+95.00	43.39'
T555	352+64.00	41.00'
T556	352+47.00	40.00'
T557	352+18.00	44.00'
T558	351+04.00	46.00'
T559	351+04.00	55.00'
T560	350+95.18	55.00'
T561	350+29.10	51.00'
T562	350+23.00	51.00'

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T563	350+21.00	39.00'
T564	348+87.00	40.00'
T565	347+69.00	39.00'
T566	347+61.88	61.00'
T567	346+95.86	61.00'
T568	346+86.00	40.00'
T569	346+25.00	40.00'
T570	345+62.42	-54.00'
T571	345+66.00	-54.00'
T572	345+72.00	-41.00'
T573	350+16.00	-39.00'
T574	350+20.00	-59.00'
T575	350+23.56	-59.00'

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T576	351+03.60	-55.00'
T577	351+08.00	-55.00'
T578	351+12.00	-41.00'
T579	352+15.00	-44.00'
T580	353+15.00	-36.00'
T581	354+52.00	-39.00'
T582	355+00.93	-40.14'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
400	345+62.27	0.00'
401	345+62.76	31.50'
402	345+62.76	31.87'
430	345+62.36	-34.51'
431	345+62.26	-1.13'
500	355+00.00	0.00'
501	354+99.22	33.95'
502	354+55.28	34.00'
503	354+19.69	33.02'
504	353+66.91	46.61'
505	353+37.30	61.11'
506	353+10.88	48.12'
507	353+10.62	49.07'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
508	350+94.81	32.96'
509	350+28.80	32.92'
510	347+65.00	32.78'
511	347+61.52	45.00'
512	346+95.28	35.00'
513	346+93.00	32.74'
514	350+23.00	-33.08'
515	350+23.00	-48.00'
516	350+23.66	-48.00'
517	351+03.79	-33.03'
518	352+76.93	-28.81'
519	354+49.73	-35.78'
520	355+00.81	-34.85'

PROJECT NUMBER	5845-16-22 - 4.04
SHEET	2 OF 2
AMENDMENT NO:	220

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG PLOT DATE : 1/18/2023 2:42 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1" = 50'

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.05 AMENDMENT NO. 1

AMENDS PARCELS 101, 103, AND 112 OF TRANSPORTATION PLAT 5845-16-22 - 4.05, RECORDED AS DOCUMENT NO. 5883548.

THAT PART OF LOT 1 AND LOT 2 IN BLOCK 37, AND THAT PART OF LOT 15 AND LOT 16 IN BLOCK 38, AND THAT PART OF LOT 7, LOT 8, LOT 9, LOT 10, LOT 11, AND LOT 12 IN BLOCK 40, AND LOT 1, LOT 9, AND LOT 10 IN BLOCK 41, AND PART OF VACATED FIFTH STREET, ALL IN THE ORIGINAL PLAT OF STOUGHTON, BEING IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, AND THAT PART OF LOT 12 AND LOT 13 IN BLOCK 40, AND THAT PART OF LOT 10 IN BLOCK 41, AND THAT PART OF LOT 1 IN BLOCK 45, AND THAT PART OF LOT 1 AND LOT 2 OF CERTIFIED SURVEY MAP 4522 RECORDED IN VOLUME 19 CSM ON PAGES 277-280 AS DOCUMENT 1856695, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 12193 RECORDED IN VOLUME 75 CSM OF PAGES 184-185 AS DOCUMENT 4332711, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 12811 RECORDED IN VOLUME 81 CSM ON PAGES 126-131 AS DOCUMENT 4616661, BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, ALL IN SECTION 8, TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
500-520	S51° 57' 16"E	34.86'
520-622	S38° 02' 44"W	114.32'
622-624	S37° 35' 47"W	69.38'
624-625	S49° 15' 58"W	2.79'
625-626	S38° 02' 44"W	2.95'
626-627	S54° 05' 46"W	232.36'
627-628	S29° 38' 57"E	31.25'
628-629	S56° 07' 18"W	9.04'
629-630	N84° 17' 48"W	40.52'
630-631	N84° 34' 13"W	5.74'
631-632	S54° 05' 46"W	69.99'
632-633	S49° 05' 32"W	89.33'
633-634	N35° 59' 41"W	7.79'
634-636	S54° 05' 46"W	218.32'
636-637	N89° 20' 41"W	47.50'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
637-638	S04° 30' 29"W	12.97'
638-639	N88° 45' 01"W	90.45'
639-640	N61° 15' 34"W	17.00'
640-641	N89° 19' 55"W	4.00'
641-642	N00° 40' 05"E	4.10'
642-600	N00° 40' 05"E	32.90'
600-601	N00° 40' 05"E	33.10'
601-602	N00° 40' 05"E	3.90'
602-603	S89° 19' 55"E	2.58'
603-604	N71° 28' 15"E	69.95'
604-605	S89° 19' 55"E	5.37'
605-606	S00° 40' 05"W	19.00'
606-607	N87° 05' 04"E	57.06'
607-695	N56° 04' 20"E	99.64'
695-696	N27° 14' 17"W	26.27'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
696-698	N00° 03' 09"W	40.70'
698-700	S89° 20' 41"E	1.27'
700-699	N00° 48' 38"E	8.69'
699-610	S88° 25' 34"E	14.26'
610-609	S07° 09' 28"W	44.48'
609-613	S23° 57' 06"E	33.55'
613-615	N54° 05' 46"E	414.00'
615-616	N52° 40' 02"E	20.01'
616-617	N54° 00' 19"E	71.94'
617-618	N52° 20' 04"E	12.73'
618-619	N38° 02' 44"E	14.05'
619-621	N37° 23' 32"E	75.29'
621-501	N36° 45' 11"E	87.13'
501-500	S51° 57' 16"E	33.96'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM ORIGINAL PLAT OF STOUGHTON, CSM 4522, CSM 12811, CSM 12193, PLAT OF SURVEY 2020-01447, AND DOCUMENT 876353.

EXISTING RIGHT OF WAY FOR WISCONSIN AND SOUTHERN RAILROAD ESTABLISHED FROM CSM 12193, CSM 12811, AND CENTERLINE OF EXISTING RAILROAD.

EXISTING RIGHT OF WAY FOR S SEVENTH STREET ESTABLISHED FROM ORIGINAL PLAT OF STOUHGTON.

EXISTING RIGHT OF WAY FOR S SIXTH STREET ESTABLISHED FROM ORIGINAL PLAT OF STOUGHTON.

EXISTING RIGHT OF WAY FOR FIFTH STREET ESTABLISHED FROM ORIGINAL PLAT OF STOUGHTON.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

ALL PERMANENT LIMITED EASEMENTS(PLE) ON THIS SHEET ARE FOR RETAINING WALL CONSTRUCTION, MAINTENANCE, USE, AND OPERATION.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES AND DETAIL AREAS REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

POINT ON TANGENT
STA 364+92.96
Y = 425320.051
X = 866006.535

J. ENGINEERING, INC
Consultants & Surveyors

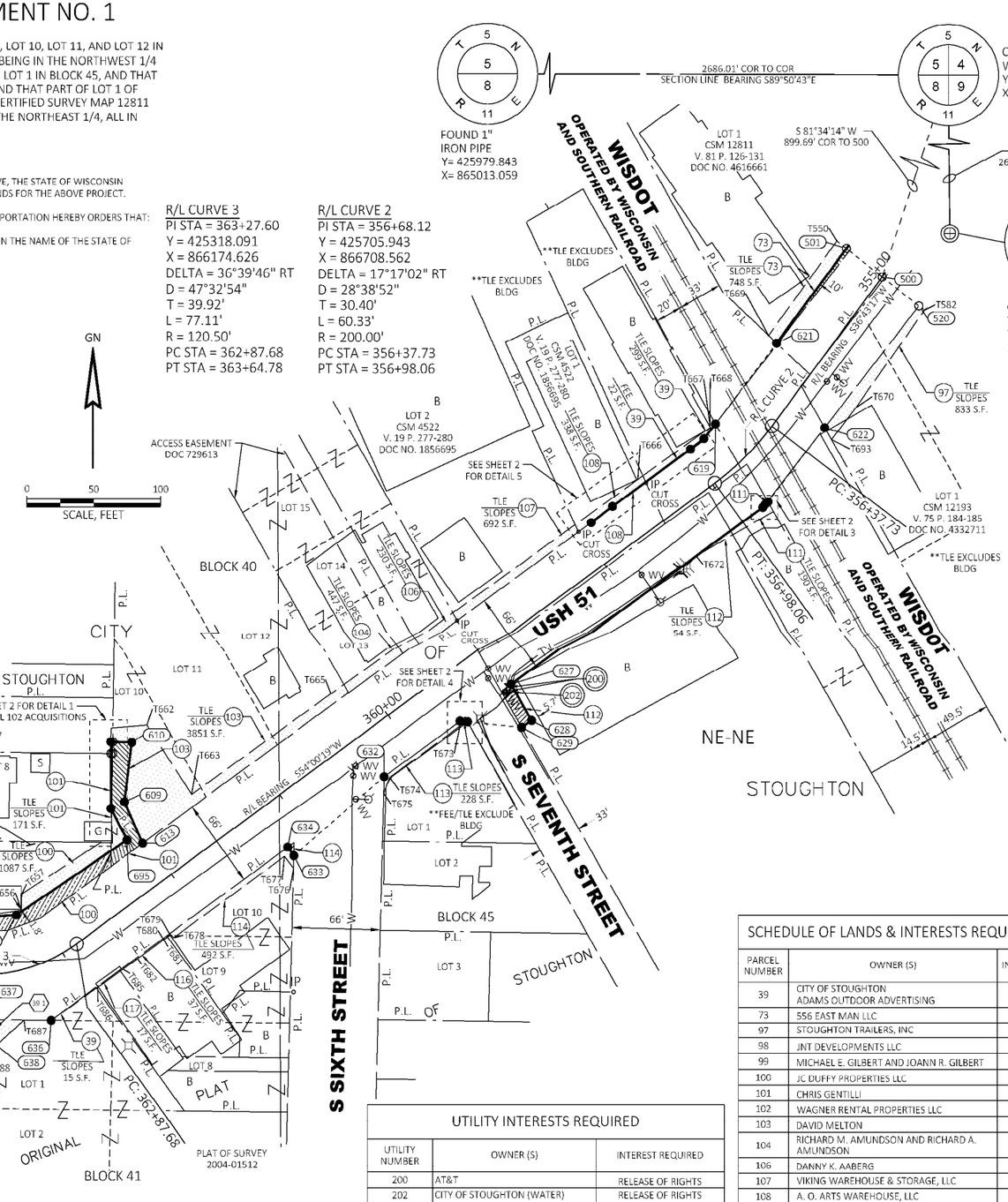
I, JAMES R. CAPPEART, PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS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

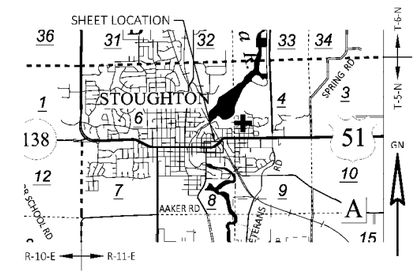
WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 11/28/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

SIGNATURE: Cory Schlagel DATE: 11/28/2023
PRINT NAME: CORY SCHLAGEL





PLE COURSE TABLE		
POINT #	BEARING	LENGTH
698-P697	N00° 03' 09"W	8.71'
P697-699	S88° 25' 34"E	1.41'

SCHEDULE OF SIGN STRUCTURES		
SIGN NUMBER	SIGN OWNER	OASIS NUMBER
39-1	ADAMS OUTDOOR ADVERTISING CITY OF STOUGHTON	019966

39-1 SIGN EASEMENT DOC 1768136

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	AT&T	RELEASE OF RIGHTS
202	CITY OF STOUGHTON (WATER)	RELEASE OF RIGHTS

200 AT&T NO RECORDED EASEMENT - PARCEL 112

202 CITY OF STOUGHTON (WATER) NO RECORDED EASEMENT - PARCEL 112

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED NEW	R/W SF, REQUIRED EXISTING	R/W SF, REQUIRED TOTAL	TLE SF	PLE SF
39	CITY OF STOUGHTON ADAMS OUTDOOR ADVERTISING	FEE & TLE	1297	2310	3607	2583	---
73	556 EAST MAN LLC	FEE & TLE	160	2926	3086	748	---
97	STOUGHTON TRAILERS, INC	TLE	---	---	---	833	---
98	JNT DEVELOPMENTS LLC	TLE	---	---	---	32	---
99	MICHAEL E. GILBERT AND JOANN R. GILBERT	FEE & TLE	10	---	10	148	---
100	JC DUFFY PROPERTIES LLC	FEE & TLE	1583	---	1583	1087	---
101	CHRIS GENTILLI	FEE & TLE	219	---	219	171	---
102	WAGNER RENTAL PROPERTIES LLC	PLE & TLE	---	---	---	14	12
103	DAVID MELTON	FEE & TLE	871	---	871	3851	---
104	RICHARD M. AMUNDSON AND RICHARD A. AMUNDSON	TLE	---	---	---	447	---
106	DANNY K. AABERG	TLE	---	---	---	230	---
107	VIKING WAREHOUSE & STORAGE, LLC	TLE	---	---	---	692	---
108	A. O. ARTS WAREHOUSE, LLC	FEE & TLE	21	---	21	338	---
111	JBST STOUGHTON, LLC	FEE & TLE	1	1153	1154	190	---
112	STI HOLDINGS, INC.	FEE & TLE	281	6975	7256	54	---
113	GRAND INSPIRED LLC	FEE & TLE	9	---	9	228	---
114	MELTON SERVICE, LLC	FEE & TLE	23	---	23	492	---
116	BRYAN RICHGELS	TLE	---	---	---	37	---
117	RICHARD A. LAZZARO AND GIOVANNA LAZZARO	TLE	---	---	---	17	---

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT # 5936200
11/29/2023 10:34 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
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RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5845-16-22 - 4.05
AMENDMENT NO: 1
SHEET 1 OF 2

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.05 AMENDMENT NO. 1
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T550	354+99.00	43.05'
T582	355+00.93	-40.14'
T650	364+93.01	33.16'
T651	364+93.00	40.00'
T652	364+66.42	40.50'
T653	363+85.00	60.00'
T654	363+85.00	46.00'
T655	363+54.00	44.00'
T656	363+17.00	42.00'
T657	363+08.00	53.00'
T658	362+29.00	50.00'
T659	362+22.00	44.50'
T661	361+73.00	114.00'
T662	361+50.00	100.00'
T663	361+53.12	38.82'
T665	360+25.00	38.00'

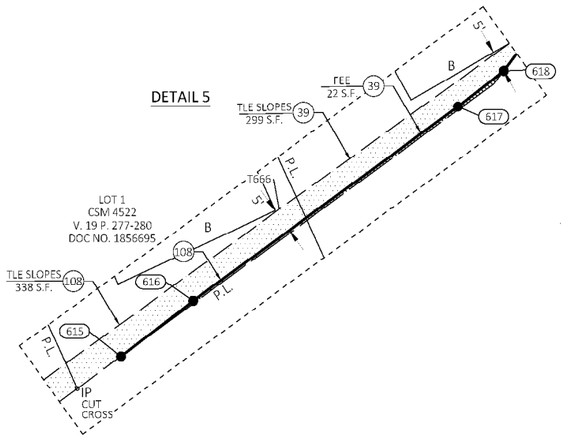
TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T666	357+43.00	36.00'
T667	356+72.00	34.00'
T668	356+64.00	41.00'
T669	355+85.43	42.14'
T670	355+89.00	-42.00'
T671	356+79.05	-43.92'
T672	357+41.00	-35.54'
T673	359+61.00	-38.00'
T674	360+25.96	-38.00'
T675	360+36.59	-45.00'
T676	361+23.56	-50.00'
T677	361+24.00	-39.00'
T678	362+26.00	-39.00'
T679	362+27.00	-34.77'
T680	362+33.02	-34.76'
T681	362+33.03	-35.76'

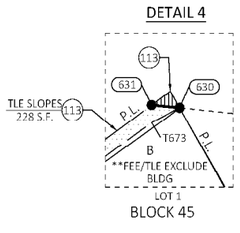
TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T682	362+57.12	-35.65'
T685	362+70.65	-35.58'
T686	362+92.47	-35.52'
T687	363+39.00	-36.55'
T688	363+61.00	-59.00'
T689	364+66.00	-59.00'
T690	364+76.00	-44.00'
T691	364+94.00	-46.00'
T692	364+94.00	-32.83'
T693	356+19.19	-41.60'

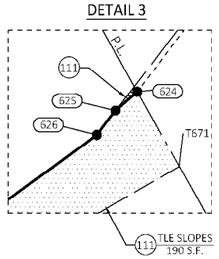
R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
500	355+00.00	0.00'
501	354+99.22	33.95'
520	355+00.81	-34.85'
600	364+69.00	0.00'
601	364+69.00	33.10'
602	364+69.00	37.00'
603	364+66.42	37.00'
604	364+00.37	60.00'
605	363+95.00	60.00'
606	363+95.00	41.00'
607	363+24.00	40.00'
609	361+97.00	64.00'
610	361+66.58	96.45'
613	362+04.00	31.19'
615	357+90.00	30.53'
616	357+70.00	31.00'

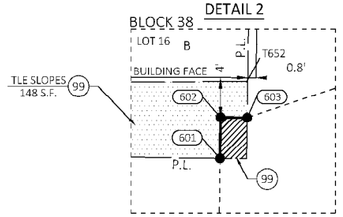
R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
617	356+98.06	31.00'
618	356+83.00	30.89'
619	356+66.48	33.16'
621	355+86.35	34.00'
622	356+15.09	-32.21'
624	356+77.63	-35.83'
625	356+80.00	-35.79'
626	356+82.45	-36.36'
627	359+11.99	-35.27'
628	359+15.44	-66.33'
629	359+24.48	-66.00'
630	359+54.69	-39.00'
631	359+59.00	-35.20'
632	360+28.99	-35.09'
633	361+18.00	-42.74'
634	361+18.00	-34.95'

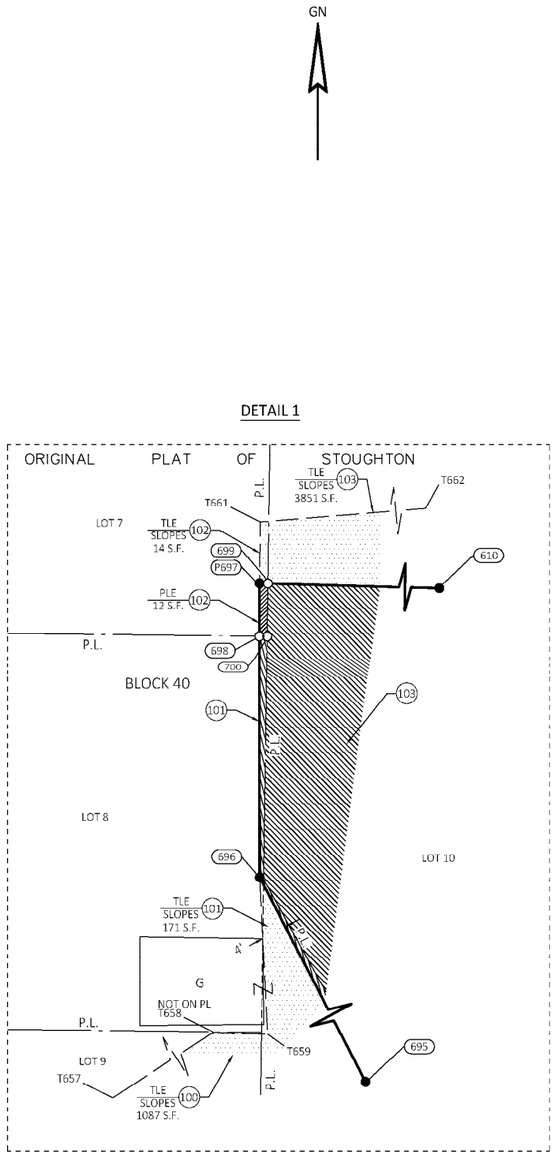
R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
636	363+24.30	-42.05'
637	363+60.00	-33.09'
638	363+61.00	-46.00'
639	364+50.00	-45.00'
640	364+65.00	-37.00'
641	364+69.00	-37.00'
642	364+69.00	-32.90'
695	362+12.00	40.04'
696	362+08.00	66.00'
P697	361+79.00	106.00'
698	361+84.11	98.95'
699	361+77.89	105.14'
700	361+83.09	98.18'











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PROJECT NUMBER 5845-16-22 - 4.05
SHEET 2 OF 2
AMENDMENT NO: 1

222

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.05

THAT PART OF LOT 1 AND LOT 2 IN BLOCK 37, AND THAT PART OF LOT 15 AND LOT 16 IN BLOCK 38, AND THAT PART OF LOT 7, LOT 8, LOT 9, LOT 10, LOT 11, AND LOT 12 IN BLOCK 40, AND LOT 1, LOT 9, AND LOT 10 IN BLOCK 41, AND PART OF VACATED FIFTH STREET, ALL IN THE ORIGINAL PLAT OF STOUGHTON, BEING IN THE NORTHWEST 1/4 OF THE NORTHEAST 1/4, AND THAT PART OF LOT 12 AND LOT 13 IN BLOCK 40, AND THAT PART OF LOT 10 IN BLOCK 41, AND THAT PART OF LOT 1 IN BLOCK 45, AND THAT PART OF LOT 1 AND LOT 2 OF CERTIFIED SURVEY MAP 4522 RECORDED IN VOLUME 19 CSM ON PAGES 277-280 AS DOCUMENT 1856695, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 12193 RECORDED IN VOLUME 75 CSM OF PAGES 184-185 AS DOCUMENT 4332711, AND THAT PART OF LOT 1 OF CERTIFIED SURVEY MAP 12811 RECORDED IN VOLUME 81 CSM ON PAGES 126-131 AS DOCUMENT 4616661, BEING IN AND INCLUDING PART OF THE NORTHEAST 1/4 OF THE NORTHEAST 1/4, ALL IN SECTION 8, TOWNSHIP 5 NORTH, RANGE 11 EAST, CITY OF STOUGHTON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SUBSECTIONS 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION HEREBY ORDERS THAT:
1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.
2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SUBSECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
500-520	S51° 57' 16"E	34.86'
520-622	S38° 02' 44"W	114.32'
622-624	S37° 35' 47"W	69.38'
624-625	S49° 15' 58"W	2.79'
625-626	S38° 02' 44"W	2.95'
626-627	S54° 05' 46"W	229.28'
627-628	S29° 46' 12"E	31.36'
628-629	S56° 07' 18"W	12.18'
629-630	N84° 17' 48"W	40.52'
630-631	N84° 34' 13"W	5.74'
631-632	S54° 05' 46"W	69.99'
632-633	S49° 05' 32"W	89.33'
633-634	N35° 59' 41"W	7.79'
634-636	S54° 05' 46"W	218.32'
636-637	N89° 20' 41"W	47.50'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
637-638	S04° 30' 29"W	12.97'
638-639	N88° 45' 01"W	90.45'
639-640	N61° 15' 34"W	17.00'
640-641	N89° 19' 55"W	4.00'
641-642	N00° 40' 05"E	4.10'
642-600	N00° 40' 05"E	32.90'
600-601	N00° 40' 05"E	33.10'
601-602	N00° 40' 05"E	3.90'
602-603	S89° 19' 55"E	2.58'
603-604	N71° 28' 15"E	69.95'
604-605	S89° 19' 55"E	5.37'
605-606	S00° 40' 05"W	19.00'
606-607	N87° 05' 04"E	57.06'
607-608	N56° 04' 20"E	115.22'
608-609	N32° 01' 35"W	22.25'

R/W COURSE TABLE		
POINT #	BEARING	LENGTH
609-610	N02° 18' 17"W	44.93'
610-611	S88° 25' 34"E	5.01'
611-612	S02° 18' 17"E	43.27'
612-613	S32° 01' 35"E	28.90'
613-615	N54° 05' 46"E	402.00'
615-616	N52° 40' 02"E	20.01'
616-617	N54° 00' 19"E	71.94'
617-618	N52° 20' 04"E	12.73'
618-619	N38° 02' 44"E	14.05'
619-621	N37° 23' 32"E	75.29'
621-501	N36° 45' 11"E	87.13'
501-500	S51° 57' 16"E	33.96'

NOTES:
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY ¾ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON.

EXISTING RIGHT OF WAY FOR USH 51 ESTABLISHED FROM ORIGINAL PLAT OF STOUGHTON, CSM 4522, CSM 12811, CSM 12193, PLAT OF SURVEY 2020-01447, AND DOCUMENT 876353.

EXISTING RIGHT OF WAY FOR WISCONSIN AND SOUTHERN RAILROAD ESTABLISHED FROM CSM 12193, CSM 12811, AND CENTERLINE OF EXISTING RAILROAD.

EXISTING RIGHT OF WAY FOR S SEVENTH STREET ESTABLISHED FROM ORIGINAL PLAT OF STOUHGTON.

EXISTING RIGHT OF WAY FOR S SIXTH STREET ESTABLISHED FROM ORIGINAL PLAT OF STOUGHTON.

EXISTING RIGHT OF WAY FOR FIFTH STREET ESTABLISHED FROM ORIGINAL PLAT OF STOUGHTON.

FOUND IRON PINS ARE 3/4" REBAR WITH PLASTIC CAP, UNLESS OTHERWISE NOTED.

ALL PERMANENT LIMITED EASEMENTS(PLE) ON THIS SHEET ARE FOR RETAINING WALL CONSTRUCTION, MAINTENANCE, USE, AND OPERATION.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

FOR STATION OFFSET TABLES AND DETAIL AREAS REFER TO EXTENSION SHEET RECORDED AS SHEET 2 OF 2.

JSD ENGINEERING, INC
Consultants Surveyors

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

WISCONSIN James R. Cappeart S-3044 Green Bay Wis. LAND SURVEYOR

SIGNATURE: James Cappeart DATE: 1/18/2023
PRINT NAME: JAMES R. CAPPEART
REGISTRATION NUMBER: S-3044

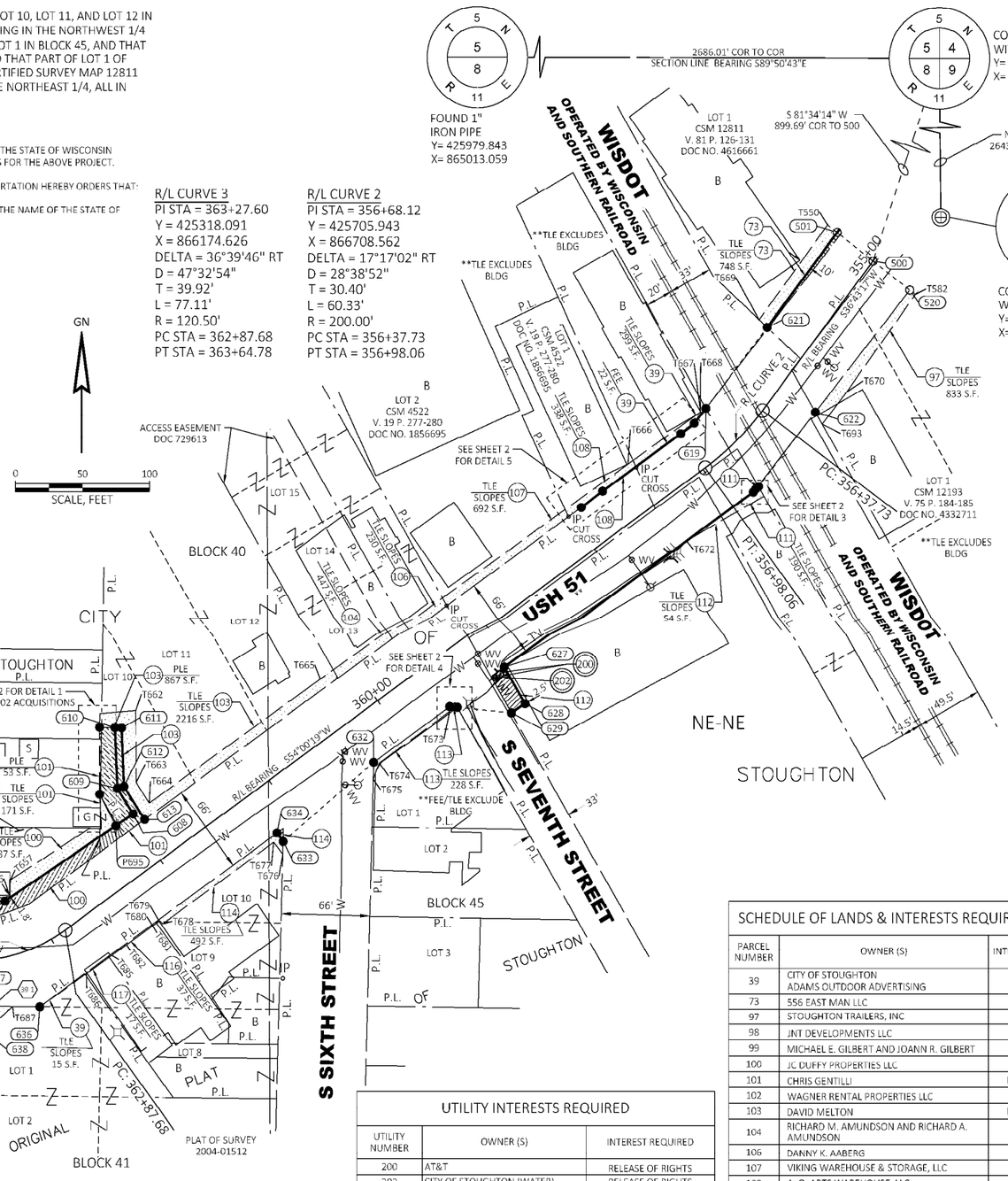
THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION SW REGION - MADISON

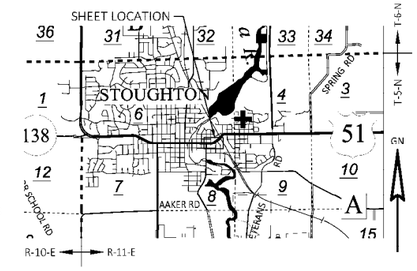
SIGNATURE: Cory Schlagel DATE: 1/24/2023
PRINT NAME: CORY SCHLAGEL

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5883548
01/24/2023 11:57 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER: 5845-16-22 - 4.05
AMENDMENT NO:
SHEET 1 OF 2





PLE COURSE TABLE		
POINT #	BEARING	LENGTH
608-P695	S56° 04' 20"W	15.57'
P695-P696	N27° 14' 17"W	26.27'
P696-P697	N00° 03' 09"W	49.41'
P697-610	S88° 25' 34"E	11.39'
610 609	S02° 18' 17"E	44.93'
609-608	S32° 01' 35"E	22.25'
607-P695	N56° 04' 20"E	99.64'

SCHEDULE OF SIGN STRUCTURES		
SIGN NUMBER	SIGN OWNER	OASIS NUMBER
39-1	ADAMS OUTDOOR ADVERTISING CITY OF STOUGHTON	019966

39-1 SIGN EASEMENT DOC 1768136

UTILITY INTERESTS REQUIRED		
UTILITY NUMBER	OWNER (S)	INTEREST REQUIRED
200	AT&T	RELEASE OF RIGHTS
202	CITY OF STOUGHTON (WATER)	RELEASE OF RIGHTS

200 AT&T NO RECORDED EASEMENT - PARCEL 112

202 CITY OF STOUGHTON (WATER) NO RECORDED EASEMENT - PARCEL 112

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER (S)	INTERESTS REQUIRED	R/W SF, REQUIRED			TLE SF	PLE SF
			NEW	EXISTING	TOTAL		
39	CITY OF STOUGHTON ADAMS OUTDOOR ADVERTISING	FEE & TLE	1297	2310	3607	2583	---
73	556 EAST MAN LLC	FEE & TLE	160	2926	3086	748	---
97	STOUGHTON TRAILERS, INC	TLE	---	---	---	833	---
98	JNT DEVELOPMENTS LLC	TLE	---	---	---	32	---
99	MICHAEL E. GILBERT AND JOANN R. GILBERT	FEE & TLE	10	---	10	148	---
100	JC DUFFY PROPERTIES LLC	FEE & TLE	1583	---	1583	1087	---
101	CHRIS GENTILLI	FEE, PLE, & TLE	166	---	166	171	53
102	WAGNER RENTAL PROPERTIES LLC	PLE, & TLE	---	---	---	14	12
103	DAVID MELTON	FEE, PLE, & TLE	496	---	496	2216	867
104	RICHARD M. AMUNDSON AND RICHARD A. AMUNDSON	TLE	---	---	---	447	---
106	DANNY K. AABERG	TLE	---	---	---	230	---
107	VIKING WAREHOUSE & STORAGE, LLC	TLE	---	---	---	692	---
108	A. O. ARTS WAREHOUSE, LLC	FEE & TLE	21	---	21	338	---
111	JBST STOUGHTON, LLC	FEE & TLE	1	1153	1154	190	---
112	STI HOLDINGS, INC.	FEE & TLE	376	6975	7351	54	---
113	GRAND INSPIRED LLC	FEE & TLE	9	---	9	228	---
114	MELTON SERVICE, LLC	FEE & TLE	23	---	23	492	---
116	BRYAN RICHGELS	TLE	---	---	---	37	---
117	RICHARD A. LAZZARO AND GIOVANNA LAZZARO	TLE	---	---	---	17	---

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG
APPRAISAL PLAT DATE : 1/18/2023
PLOT DATE : 1/18/2023 3:37 PM
PLOT BY : JAMES CAPPEART
PLOT NAME :
PLOT SCALE : 1" = 50'
5845-16-72
5845-16-22 4.05

TRANSPORTATION PROJECT PLAT NO: 5845-16-22 - 4.05
EXTENSION SHEET

RELOCATION ORDER USH 51 STOUGHTON - MADISON (SPRING RD TO FIFTH ST), DANE COUNTY, WISCONSIN

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

REFER TO THE TITLE SHEET, RECORDED AS SHEET 2 OF 3 OF DOCUMENT 5875216, FOR ADDITIONAL INFORMATION.

4

4

GN

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T550	354+99.00	43.05'
T582	355+00.93	-40.14'
T650	364+93.01	33.16'
T651	364+93.00	40.00'
T652	364+66.42	40.50'
T653	363+85.00	60.00'
T654	363+85.00	46.00'
T655	363+54.00	44.00'
T656	363+17.00	42.00'
T657	363+08.00	53.00'
T658	362+29.00	50.00'
T659	362+22.00	44.50'
T661	361+73.00	114.00'
T662	361+50.00	100.00'
T663	361+81.00	57.00'
T664	361+82.00	39.00'

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T665	360+25.00	38.00'
T666	357+43.00	36.00'
T667	356+72.00	34.00'
T668	356+64.00	41.00'
T669	355+85.43	42.14'
T670	355+89.00	-42.00'
T671	356+79.06	-43.92'
T672	357+41.00	-35.54'
T673	359+61.00	-38.00'
T674	360+25.96	-38.00'
T675	360+36.59	-45.00'
T676	361+23.56	-50.00'
T677	361+24.00	-39.00'
T678	362+26.00	-39.00'
T679	362+27.00	-34.77'
T680	362+33.02	-34.76'

TLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
T681	362+33.03	-35.76'
T682	362+57.12	-35.65'
T685	362+70.65	-35.58'
T686	362+92.47	-35.52'
T687	363+39.00	-36.55'
T688	363+61.00	-59.00'
T689	364+66.00	-59.00'
T690	364+76.00	-44.00'
T691	364+94.00	-46.00'
T692	364+94.00	-32.83'
T693	356+19.19	-41.60'

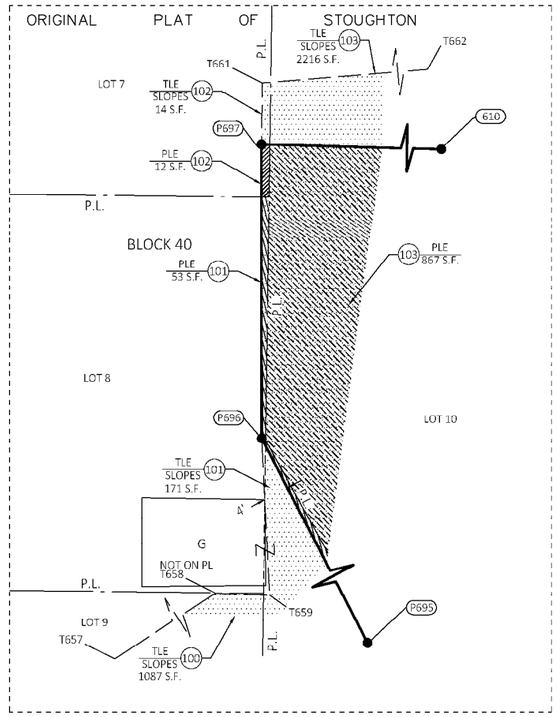
PLE STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
P695	362+12.00	40.04'
P696	362+08.00	66.00'
P697	361+79.00	106.00'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
500	355+00.00	0.00'
501	354+99.22	33.95'
520	355+00.81	-34.85'
600	364+69.00	0.00'
601	364+69.00	33.10'
602	364+69.00	37.00'
603	364+66.42	37.00'
604	364+00.37	60.00'
605	363+95.00	60.00'
606	363+95.00	41.00'
607	363+24.00	40.00'
608	361+96.44	39.47'
609	361+94.90	61.67'
610	361+69.97	99.05'
611	361+66.00	96.00'
612	361+90.00	60.00'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
613	361+92.00	31.17'
615	357+90.00	30.53'
616	357+70.00	31.00'
617	356+98.06	31.00'
618	356+83.00	30.89'
619	356+66.48	33.16'
621	355+86.35	34.00'
622	356+15.09	-32.21'
624	356+77.63	-35.83'
625	356+80.00	-35.79'
626	356+82.45	-36.36'
627	359+08.91	-35.28'
628	359+12.31	-66.45'
629	359+24.48	-66.00'
630	359+54.69	-39.00'
631	359+59.00	-35.20'

R/W STATION & OFFSET TABLE		
POINT #	STATION	OFFSET
632	360+28.99	-35.09'
633	361+18.00	-42.74'
634	361+18.00	-34.95'
636	363+24.30	-42.05'
637	363+60.00	-33.09'
638	363+61.00	-46.00'
639	364+50.00	-45.00'
640	364+65.00	-37.00'
641	364+69.00	-37.00'
642	364+69.00	-32.90'

DETAIL 1



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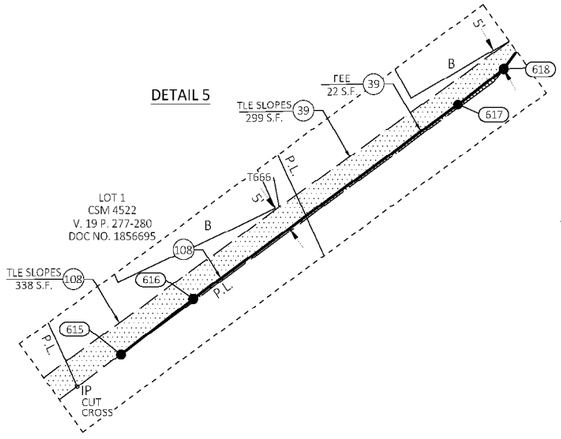

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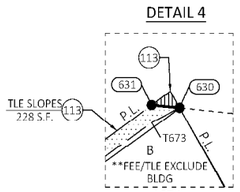

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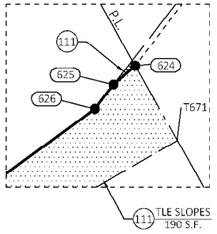
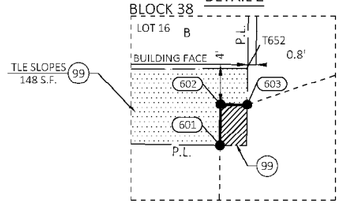


DETAIL 2



PROJECT NUMBER	5845-16-22 - 4.05
SHEET	2 OF 2
AMENDMENT NO:	224

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\RW\DWG\040101-RP.DWG PLOT DATE : 1/18/2023 3:06 PM PLOT BY : JAMES CAPPEART PLOT NAME : PLOT SCALE : 1" = 50'

5845-16-72 5845-16-22 4.05

R/W PROJECT NUMBER: 5845-16-22	EXHIBIT NUMBER: 1

TLE ACQUISITION EXHIBIT
STOUGHTON - MADISON
SPRING RD TO FIFTH ST

USH 51 — DANE COUNTY

PART OF THE SE 1/4 OF THE SE 1/4 OF SECTION 4, AND PART OF THE SW 1/4 OF THE SW 1/4 OF SECTION 3 , ALL IN T5N R11E, TOWN OF DUNKIRK, DANE COUNTY WISCONSIN.

4

NOTES:
THIS EXHIBIT IS A GRAPHIC REPRESENTATION AND IS FOR REFERENCE PURPOSES ONLY. REFER TO THE CONVEYANCE DOCUMENT FOR PARCEL RELATED DETAILS.

PURPOSE FOR ALL TLES IS FOR CONSTRUCTION AND GRADING UNLESS OTHERWISE NOTED.

GN

SCALE, FEET
0 25 50

(100) AT&T-WISCONSIN (WISCONSIN BELL, INC.)
V 14898 P 25 DOC 2228769 - PARCEL 1
V 14898 P 11-12 DOC 2228762 - PARCEL 2

BLDG

BLDG

BLDG

TAX PARCEL NUMBER:
026/0511-044-9501-1

HSE

TLE (1)
1,645 S.F.

TLE (2)
1,690 S.F.

10.13'
98.99'
114.09'
33'
33'
P.L.
SPRING RD
18.47'
38.02'
61.03'
44.67'
TAX PARCEL NUMBER:
026/0511-033-9230-2
BLDG
(100)
(100)
33.63'
P.L.
33.63'
P.L.
25.86'
P.L.
22.57'
P.L.
27.91'
P.L.
P.L.
P.L.
P.L.
71.37'
40'
45'
USH 51
USH 51
SE-SE
SW-SW
NE-NE
NW-NW
P.L.
P
P.L.
P.L.

T5N R11E: 5 / 4 3 / 9 10 / 11

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE DEPARTMENT

PARCEL NUMBER	OWNER(S)	INTEREST REQUIRED	TLE S.F.
1	PATRICK J. LALLY	TLE	1,645 S.F.
2	JOHN R. BEUTEL	TLE	1,690 S.F.

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	UTILITY OWNER(S)	INTEREST REQUIRED
100	AT&T - WISCONSIN	TEMPORARY RELEASE OF RIGHTS

TAX PARCEL NUMBER:
281/0511-091-8020-8

LOT 1
CSM 7107
V. 36 P. 49-51
DOC. 2469304

PLAT OF SURVEY
2014-01265

TAX PARCEL NUMBER:
281/0511-102-8503-2

THIS MAP IS APPROVED FOR THE DEPARTMENT OF TRANSPORTATION
SOUTHWEST REGION - MADISON OFFICE

SIGNATURE: Cory Schlagel DATE: 12/12/2022

PRINT NAME: Cory Schlagel

FILE NAME : 040101-RP.DWG PLOT DATE : 11/1/2022 10:38 AM R/W PROJECT: 5845-16-22

Document Number
VACATION ORDER
TRANSPORTATION PROJECT PLAT
Wisconsin Department of Transportation
DT2222 4/2017 s.84.095(3)(b) Wis. Stats.

This Vacation Order applies to Transportation Project Plat 5845-16-22-4.02, recorded on 01/24/2023 as Document Number 5883543 in the Office of the Register of Deeds for Dane County.

Whereas, utility number 207 of the above-described Transportation Project Plat has been determined to be unnecessary for transportation improvement project purposes, said utility number is vacated and rescinded.

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5967372
06/11/2024 11:52 AM
Trans Fee:
Exempt #:
Rec. Fee: 30.00
Pages: 1
The above recording information verifies that this document has been electronically recorded and returned to the submitter.

This space is reserved for recording data

Return to
Division of Transportation System Development
Southwest Region Madison Office
2101 Wright Street
Madison WI 53704-2583

Parcel Identification Number/Tax Key Number
281/0511-043-7056-6 and 281/0511-092-0642-1

This Vacation Order has been approved by the Wisconsin Department of Transportation.

x DocuSigned by: ALISON KILDAY FC0BA4A520834D7... (Signature)

ALISON KILDAY
(Print Name)

Utility Supervisor
(Title)

June 11, 2024
(Date – m/d/yyyy)

LAURIE A NOELKE NOTARY PUBLIC STATE OF WISCONSIN (Seal)

State of Wisconsin
La Crosse County } ss.

On the above date, this instrument was acknowledged before me by the named person(s).

x (Signature, Notary Public, State of Wisconsin)

Laurie A Noelke
(Print or Type Name, Notary Public, State of Wisconsin)

May 14, 2027
(Date Commission Expires)

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

JOHN R MATSON &
SHARON MATSON
#051110285612

MMM LLC
#051110285032

COSE

EXIST ROW

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

AEG

CAUTION

ATTFO

N

USH 51

US 51

286+00 287+00 288+00 289+00 290+00 291+00

SIGN

MATCH LINE 291+25

5

5

ATTFO

SI (TYP.)

STA 287+15.40
REMOVE 1 - 24" CMCP

BEGIN PROJECT
STA 286+00.00 NB
MATCH EXISTING
SAW CUT REQ'D

* CURRENT OWNER*
#051103390715

905
900
895
891

-0.53%

ORIGINAL GROUND

PROPOSED PROFILE

STA 286+00.00
EL 903.81

STA 287+15.40
1 - 24" CULVERT PIPE CLASS III-A REQUIRED

2x APRON ENDWALLS FOR
CULVERT PIPE CLASS III-A 24-INCH

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

903.81	903.81	903.51	903.54	903.21	903.28	903.01	903.02	902.82	902.75	902.52	902.49	902.26	902.23	901.97	901.96	901.74	901.70	901.46	901.44	901.20	901.17	901.12	901.04

286 287 288 289 290 291 291

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 227 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050101-pp

PLOT DATE : 9/27/2024 1:46 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

SECTION CORNER - CALCULATED FROM FOUND TIES
X = 873055.165
Y = 426028.428

MATCH LINE 291+25

ATTTV
ATTFO
AEG
EXIST ROW
COSE
ANDERSEN REV LIVING TR, RUTHMARI
#051109180208
AEG
COSE
ATTFO
ATTTV
EXIST ROW
ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES
AEG

292+00 293+00 294+00 295+00 USH 51 296+00 297

CAUTION
CAUTION
CAUTION
CAUTION

BP: 10+00.00

SI (TYP.)
ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES
ATTFO
EXIST ROW
ATTFO
EXIST ROW
CURRENT OWNER
#051104495011
ROBERT C HELLEY
TIFFANY J HELLEY
#051104495306
JOHN R BEUTEL
#051103392302
TLE (TYP.)
SPRING RD

MATCH LINE 297+00

N

5

905
900
895
890

-0.53%
ORIGINAL GROUND
PROPOSED PROFILE
PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

291	292	293	294	295	296	297
901.12 / 901.04	901.02 / 900.91	900.74 / 900.65	900.46 / 900.39	900.15 / 900.12	899.89 / 899.86	899.66 / 899.60
899.46 / 899.33	899.17 / 899.07	898.94 / 898.81	898.64 / 898.54	898.36 / 898.28	898.19 / 898.02	

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 228	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050102-pp
PLOT DATE : 7/26/2024 3:24 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

NICHOLAS BRANTMEYER
EMILY BRANTMEYER
#051109180904

V&B BUILDINGS LLC
#051109180806

MATCH LINE 297+00

MATCH LINE 302+50

WETLAND IMPACTS
0.002 ACRES

CAUTION

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

AEG

EXIST ROW

COSE

CH

ATTTV

ATTFO

SIGN

USH 51

+00
298+00
299+00
300+00
301+00
302+00

SI

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

N

5

5

297+00.00
298+00.00
299+00.00
300+00.00
301+00.00
302+00.00
302+50.00

905
900
895
890

VCL = 400.00
K = 206.00

PROPOSED PROFILE

ORIGINAL GROUND

-0.53%

SSPRC CLASS III 24-INCH

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

VPC STA 302+25.00
VPC EL 895.25

898.19	898.02	897.85	897.75	897.57	897.49	897.40	897.23	897.22	896.96	896.82	896.70	896.48	896.44	896.14	896.17	895.97	895.91	895.83	895.65	895.54	895.38	895.29	895.14

297 298 299 300 301 302 302

PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | PLAN AND PROFILE: NB USH 51 | SHEET 229 | E

AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300022	305+61, 30' RT	896.20'	BM/HYD BB

MATCH LINE 302+50

RICHARD A GULLICKSON
DEANNA R GULLICKSON
#051109181305

RACE TRACK RD

WILLIAM A DRAGO
CHRISTINE L CLEMENTS
#051109185007

PAUL G ALGREM
#051104496912

BUCKYS PORTABLE TOILETS
CHARLES KERNS
#051104493610

CURRENT OWNER
#051104493504

USH 51 / E MAIN ST

303+00 304+00 305+00 306+00 307+00 USH 51 308+00

EP: 10+00.00

COSW
PROPOSED R/W
ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TYPE Z
AEG
TLE (TYP.)
COSE
ATTTV
COSS
CAUTION
SI (TYP.)
300022
ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
ATTFO
CH
ATT
EXIST ROW

MATCH LINE 308+25

N

5

5

905
900
895
890

VCL = 400.00
K = 206.00

LP STA 303+33.43
LP EL 894.97

VPI STA 304+25.00
VPI EL 894.20

PROPOSED PROFILE
ORIGINAL GROUND

1.42%

VPC STA 307+10.00
VPC EL 898.23

VPT STA 306+25.00
VPT EL 897.03

VCL = 730.00
K = 380.59

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

895.29	895.14	895.07	894.99	894.85	894.97	894.90	895.07	895.07	895.30	895.51	895.64	895.98	896.11	896.65	896.69	897.35	897.38	898.04	898.09	898.74	898.78	899.39	899.40	899.69	899.69
302		303				304				305				306				307				308		308	

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 230 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050104-pp

PLOT DATE : 7/26/2024 3:25 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300021	311+12, 71' RT	902.31'	BM/HYD BB

MATCH LINE 308+25

MATCH LINE 314+00

N

TODD P DYBEVIK
#051109185301

DAVID A KALLAND
BARBARA A KALLAND
#051109185409

KEVIN URQUHART
#051109185605

LINDA M SCHMIDT
#051109185703

ROBIN J OLSON &
KIMBERLY A KIRBY-OLSON
#051104493308

BRAD A CHRISTOPHER
#051104493406

NOEL RUDIE
JANE RUDIE
#051104447224

DANIEL P NAPIER
CATHERINE F NAPIER
#051104449012

DANIEL BREUND
#051104446592

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TYPE Z

AEG
COSE
ATT
CAUTION
TLE(TYP.)
ATTTV
SIGN
POST
FLAG
SLAB
ATTFO
CH
EXIST ROW
SI (TYP.)
COSSAN
COSW
TLE (TYP.)
ASHBERRY LN
300021

309+00 310+00 311+00 312+00 313+00 314

BP: 10+00.00

USH 51

910
905
900
895

VPI STA 310+75.00
VPI EL 903.40

PROPOSED PROFILE
ORIGINAL GROUND

-0.50%

HP STA 312+48.68
HP EL 902.05

VCL = 730.00
K = 380.59

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

| | | |

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300020	314+55, 47' RT	902.15'	BM/HYD BB

MATCH LINE 314+00

HARVEY LIVING TR, JANET T
#051109185829

STEVEN J REILLY
BRENDA L REILLY
#051109185909

DANE COUNTY
#051109186104

TSTT PROPERTIES LLC
#051109280332

JUDD INVESTMENTS LLC
*051104446212

JMA ENTERPRISES LTD PARTNERSHIP
#051104446322

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TYPE Z

CONCRETE DRIVEWAY 6-INCH TYPE Z

CAUTION

USH 51 / E MAIN ST

USH 51

CTH A

CTH N

EXIST ROW

300020

BP: 10+00.00

EP: 10+00.00

MATCH LINE 320+00

SECTION CORNER - CALCULATED FROM FOUND TIES
X = 870384.100
Y = 426010.120

SI (TYP.)

PROPOSED R/W

TLE (TYP.)

VPT STA 314+40.00
VPT EL 901.57

VPC STA 319+00.00
VPC EL 899.25

VPI STA 320+00.00
VPI EL 898.75

PROPOSED PROFILE

ORIGINAL GROUND

-0.50%

VCL = 730.00

K = 380.59

VCL = 200.00

K = 362.87

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

314	315	316	317	318	319	320
901.74 / 901.75	901.35 / 901.51	901.14 / 901.26	900.92 / 901.01	900.65 / 900.76	900.37 / 900.51	900.07 / 900.26	899.83 / 900.01	899.68 / 899.76	899.49 / 899.50	899.41 / 899.25	899.04 / 898.97	898.57 / 898.61

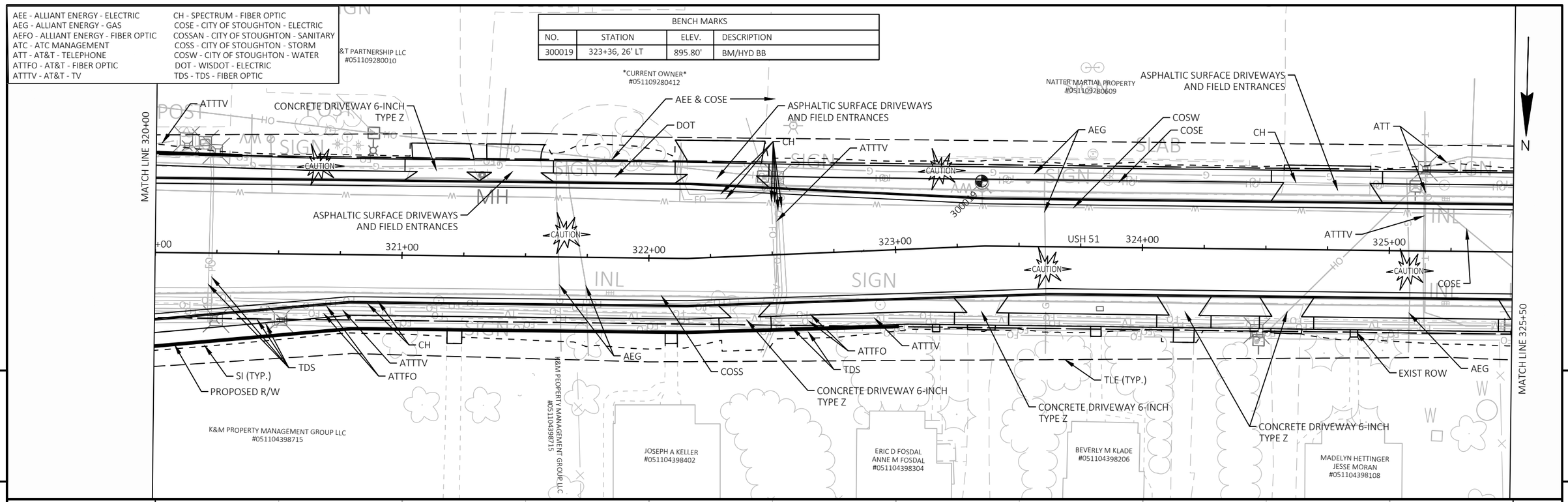
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 232	E

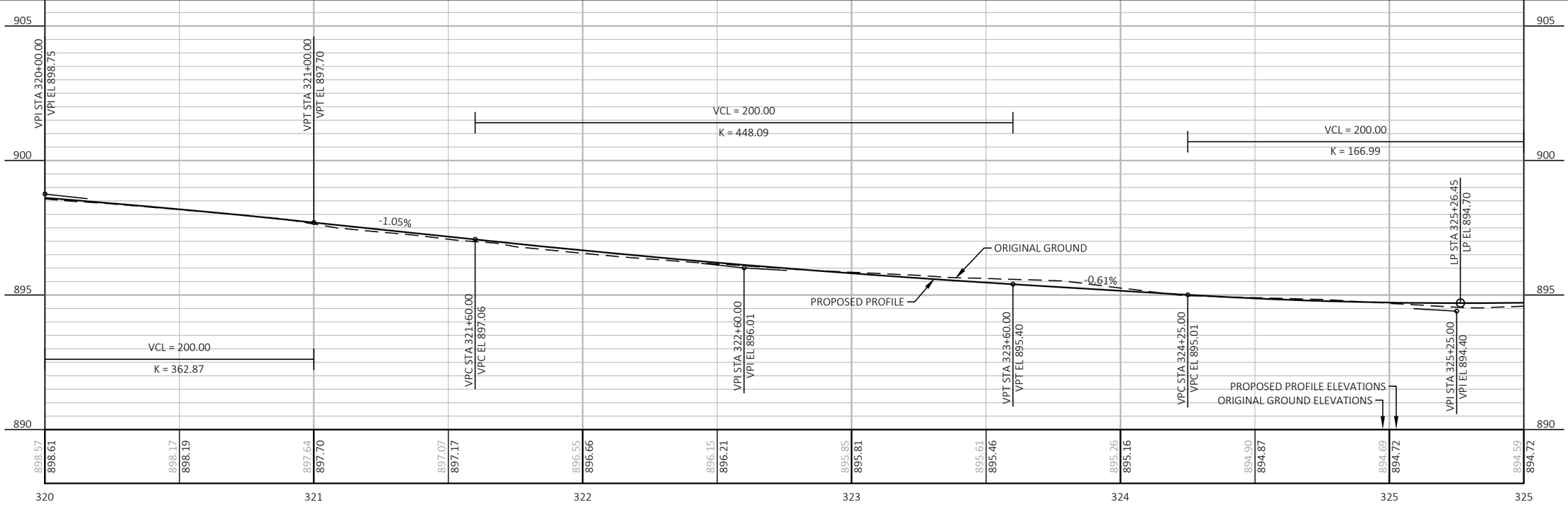
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050106-pp
PLOT DATE : 7/26/2024 3:25 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300019	323+36, 26' LT	895.80'	BM/HYD BB





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 233	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050107-pp
PLOT DATE : 7/26/2024 3:26 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300018	327+64, 50' LT	894.34'	BM/HYD BB

MATCH LINE 325+50

DHWANI LODGING LLC
#051109281608

CHALET DR

IBRAHIM SALEH
MAHA MOHAMED
#051109206869

DANIEL P VINEY
LAURA E VINEY
#051109281000

TAFSHA PROPERTIES LLC
#05110928108

*CURRENT OWNER *
#051109281206

CONCRETE DRIVEWAY 6-INCH TYPE Z

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

COSE
CH
COSW
SI (TYP.)
AEG
CAUTION
POST
SIGN
326+00
327+00
328+00
329+00
USH 51
330+00
331
EP: 10+00.00

N

MH
NVS
TDS
ATTFO
ATTTV
EXIST ROW
COSSAN
TLE (TYP.)

RANDAL L BOVRE
SUSAN A BOVRE
#051104398000

WAYNE E TROW
CHERYL B TROW
#051104397903

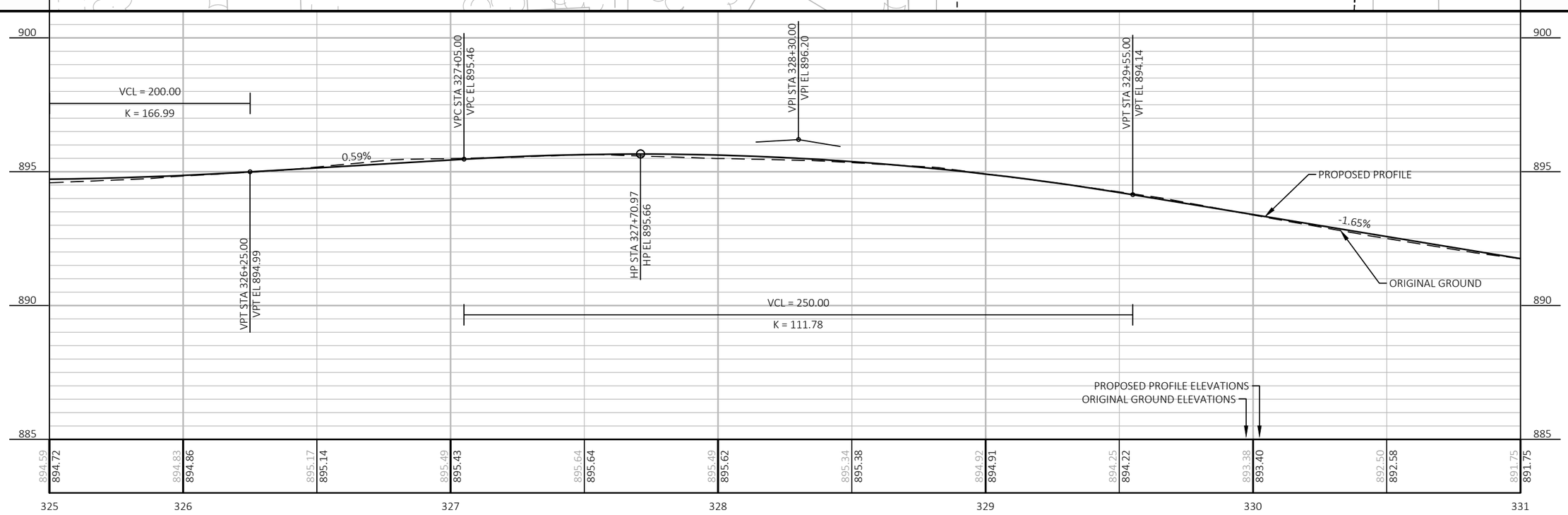
VENNEVOLL INC
#051104370342

VENNEVOLL INC
#051104370459

BENNEVOLL INC
#051104370566

MATCH LINE 331+00

5



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 234	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050108-pp
PLOT DATE : 7/26/2024 3:26 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300015	335+46, 25' LT	895.12'	BM/HYD BB
300016	332+51, 46' RT	891.00'	BM/HYD BB

MATCH LINE 331+00

ZRH PARTNERSHIP
#051109285072

*NHP WI ALT LLC
#051109289931

CURRENT OWNER
#051109285202

CURRENT OWNER
#051109285408

CURRENT OWNER
#051109285506

CONCRETE DRIVEWAY 6-INCH TYPE Z

COSE

CONCRETE DRIVEWAY 6-INCH TYPE Z

CONCRETE DRIVEWAY 6-INCH TYPE Z

AEG

EXIST ROW

COSE

S HENRY ST

TDS

AEG

PROPOSED R/W (TYP.)

CAUTION

CAUTION

CAUTION

+00 | 332+00 | 333+00 | 334+00 | 335+00 | USH 51 | 336+00 | EP: 10+00

BP: 10+00.00

BP: 10+00.00

CONCRETE DRIVEWAY 6-INCH TYPE Z

COSSAN

TDS

ATT

ATTTV

ATTFO

PROPOSED R/W

COSS

ATC

AMUNDSON PKWY

300016

SI (TYP.)

TLE (TYP.)

COSW

N HENRY ST

BADGER WASH-STOUGHTON
#051104355163

JEFFREY J GASSEN
TAMMY L LASSEN
#051104355056

JONATHAN LEWIS
SYLVIA S LEWIS
#051104352684

MATCH LINE 336+75

N

5

5

VCL = 240.00

K = 63.50

VPC STA 331+20.00
VPC EL 891.43

LP STA 332+24.54
LP EL 890.57

VPI STA 332+40.00
VPI EL 889.45

VPC STA 333+95.00
VPC EL 892.76

VPT STA 333+60.00
VPT EL 892.01

VPI STA 334+65.00
VPI EL 894.25

VPT STA 335+35.00
VPT EL 894.60

2.13%

PROPOSED PROFILE

0.50%

ORIGINAL GROUND

VCL = 140.00

K = 85.71

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

900
895
890
885

891.75	891.75	891.24	891.00	890.65	890.61	890.49	890.62	891.08	891.01	891.81	891.80	892.90	892.86	893.80	893.75	894.34	894.35	894.62	894.68	894.86	894.92	895.15	895.18	895.29	895.30

331 | 332 | 333 | 334 | 335 | 336

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 235 E

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300013	341+94, 40' LT	894.59'	BM/HYD BB
300014	339+06, 44' RT	896.54'	BM/HYD BB

MATCH LINE 336+75
MATCH LINE 342+75
PAULA M TIFFANY #051109223019
WILLIAM SCANU JANE SCANU #051109223126
JOANN RUTH SWERIG GILBERT #051109223715
KING COLE LLC #051109223822
JEANETTE MACKEN #051109223939
MICHAEL Y BENNET #051109224045
LEWIS JT REV TR, JONATHAN K & SYLVIA S #051104352577
DANIEL PA PARETSKY CAROL M PARETSKY #051104352460
MARIO MARTINEZ-OSORNIO TRACI MARTINEZ #051104352353
CURRENT OWNER #051104351747
AARON D TECHE JENNIFER A TECHE #051104351630
PHILLIP O LINNERUD GURENA M LINNERUD #051104393005
LARRY LANGMEIER #051104392800
S MORRIS ST
N MORRIS ST
S FRANKLIN ST
N FRANKLIN ST
USH 51
CONCRETE DRIVEWAY 6-INCH TYPE Z
TLE (TYP.)
EXIST ROW
SI (TYP.)
PROPOSED R/W
BP: 10+00.00
EP: 10+00.00
337+00
338+00
339+00
340+00
341+00
342+00
300014

VPC STA 337+70.00
VPC EL 895.78
VPI STA 338+95.00
VPI EL 896.40
VPT STA 340+20.00
VPT EL 895.63
HP STA 338+82.26
HP EL 896.06
VCL = 250.00
K = 224.53
PROPOSED PROFILE
ORIGINAL GROUND
-0.61%
PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

336	337	338	339	340	341	342	342
895.29 / 895.30	895.41 / 895.42	895.57 / 895.68	895.82 / 895.90	895.90 / 896.03	895.95 / 896.05	895.98 / 895.95	895.66 / 895.75	895.36 / 895.45	895.10 / 895.14	894.80 / 894.84	894.47 / 894.53	894.22 / 894.22	894.04 / 894.07

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 236	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050110-pp
PLOT DATE : 7/26/2024 3:27 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

MATCH LINE 342+75

CURRENT OWNER
#051109228229

KELLY L TINSMAN
ANTHONY M TINSMAN
#051109228336

KRAUS REV TR, RICHARD & CONNIE
#051109228112

MICHAEL P FERRARO
JONALLE L FERRARO
#051109228443

JOHN L GORE
DEANNA J GORE
#051108100019

MICHAEL J DANSEREAU
#051108100126

STEPHANIE PAHILLIPS
#051108100233

REBECCA L ANDERSON
#051108100340

JEAN M GOHLKE
#051104392702

PAUL W DERR
BARBARA L DERR
#051104392604

STOUGHTON HOSPITAL ASSOCIATION
#051105473012

FRITZ-STOUGHTON LLC
#051105461886

S ACADEMY ST

CHURCH ST

USH 51

CONCRETE DRIVEWAY 6-INCH TYPE Z

EP: 10+00.00

BP: 10+00.00

EXIST ROW

PROPOSED R/W

SECTION CORNER - RECORDED VALUE
X = 867699.060
Y = 425972.590

SI (TYP.)

MATCH LINE 348+25

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300011	347+41, 25' LT	894.69'	BM/HYD BB
300012	344+93, 27' RT	892.81'	BM/HYD BB

VCL = 200.00
K = 154.95

LP STA 344+80.05
LP EL 893.10

VPC STA 343+85.00
VPC EL 893.39

VPI STA 344+85.00
VPI EL 892.78

VPT STA 345+85.00
VPT EL 893.46

ORIGINAL GROUND
PROPOSED PROFILE
0.68%

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

894.04	894.07	893.88	893.92	893.61	893.61	893.35	893.31	893.11	893.13	893.12	893.12	893.39	893.26	893.61	893.56	893.87	893.90	894.27	894.24	894.66	894.58	894.99	894.91	895.15	895.08
342		343				344				345				346				347				348		348	

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 237	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP.DWG
LAYOUT NAME - 050111-pp
PLOT DATE : 7/26/2024 3:27 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300010	350+85, 41' RT	897.31'	BM/HYD BB
300017	353+50, 47' RT	883.13'	BM/HYD BB

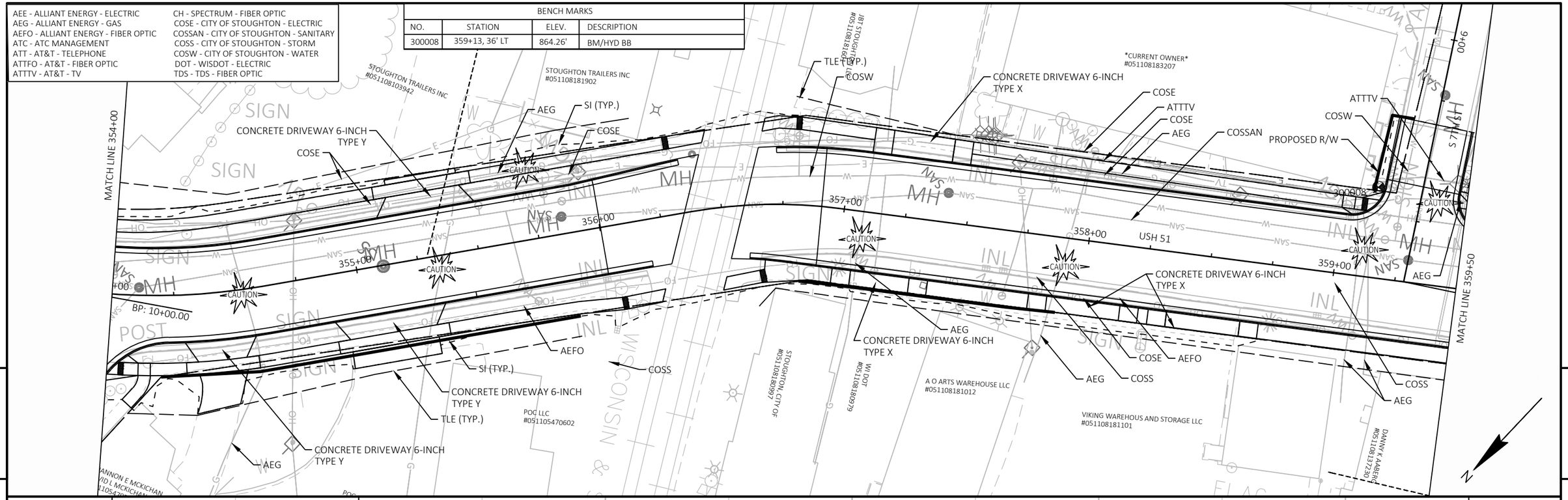
AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC

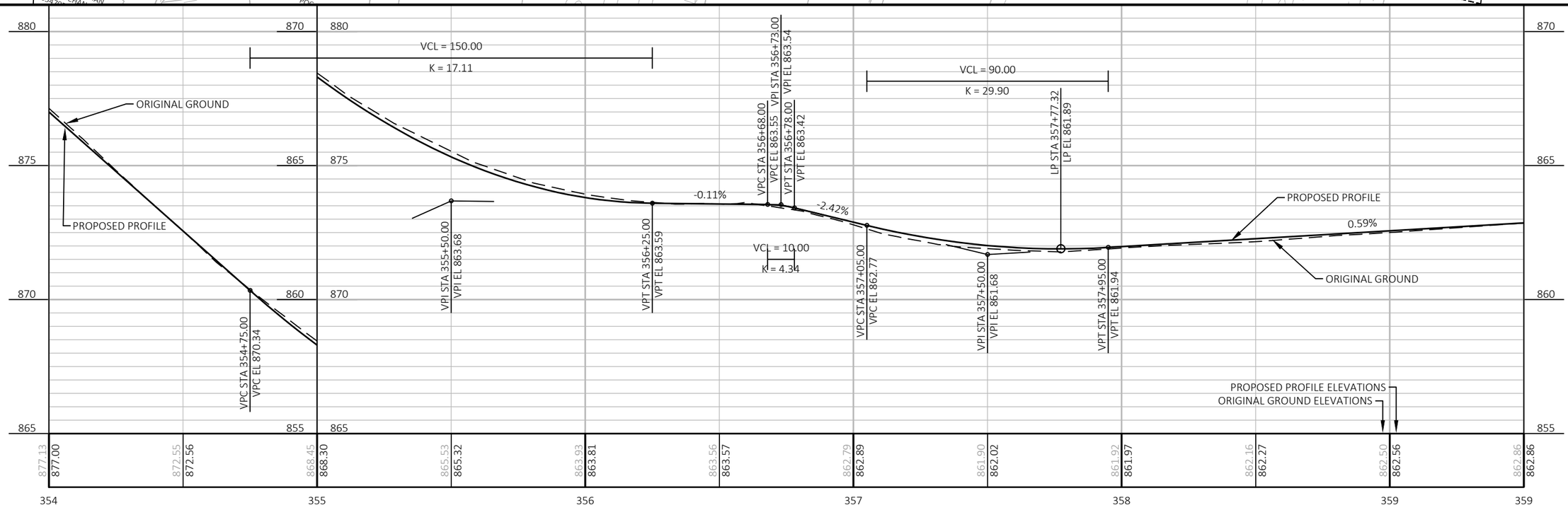
VPC STA 350+20.00
VPC EL 896.40
VPI STA 351+70.00
VPI EL 897.42
VPT STA 353+20.00
VPT EL 884.10
HP STA 350+41.26
HP EL 896.48
VCL = 300.00
K = 31.39
ORIGINAL GROUND
PROPOSED PROFILE
PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

| | | |

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300008	359+13, 36' LT	864.26'	BM/HYD BB





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NB USH 51	SHEET 239	E

AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

S 7TH ST MATCH LINE 359+50

CONCRETE DRIVEWAY 6-INCH TYPE X

COSS

COSW

AEG

CAUTION

GRAND INSPIRED LLC #051108112015

S 6TH ST

MELTON SERVICE LLC #051108138793

BRYAN RICHGELS #051108138695

CURRENT OWNER* #051108138631

STOUGHTON, CITY OF #051108138588

STOUGHTON, CITY OF #051108130317

COSSAN

BP: 9+44.94

363+00

362+00

361+00

360+00

USH 51

EP: 10+00.00

364+00

365+00

BP: 10+00.00

JC DUFFY PROPERTIES LLC #051108136599

DAVID MELTON #051108136900

CHRIS GENTILLI #051108136482

BERNARD C AMUNDSON EDWARD W AMUNDSON #051108137132

AEFO

COSE

PROPOSED R/W

TLE (TYP.)

RETAINING WALL R-13-313

FIFTH ST

SI (TYP.)

END PROJECT
STA 364+96.00 NB
MATCH EXISTING
SAW CUT REQ'D

BENCH MARKS			
NO.	STATION	ELEV.	DESCRIPTION
300006	364+75, 27' RT	883.50'	BM/NE BOLT
300007	360+48, 42' LT	865.65'	BM/NE BOLT

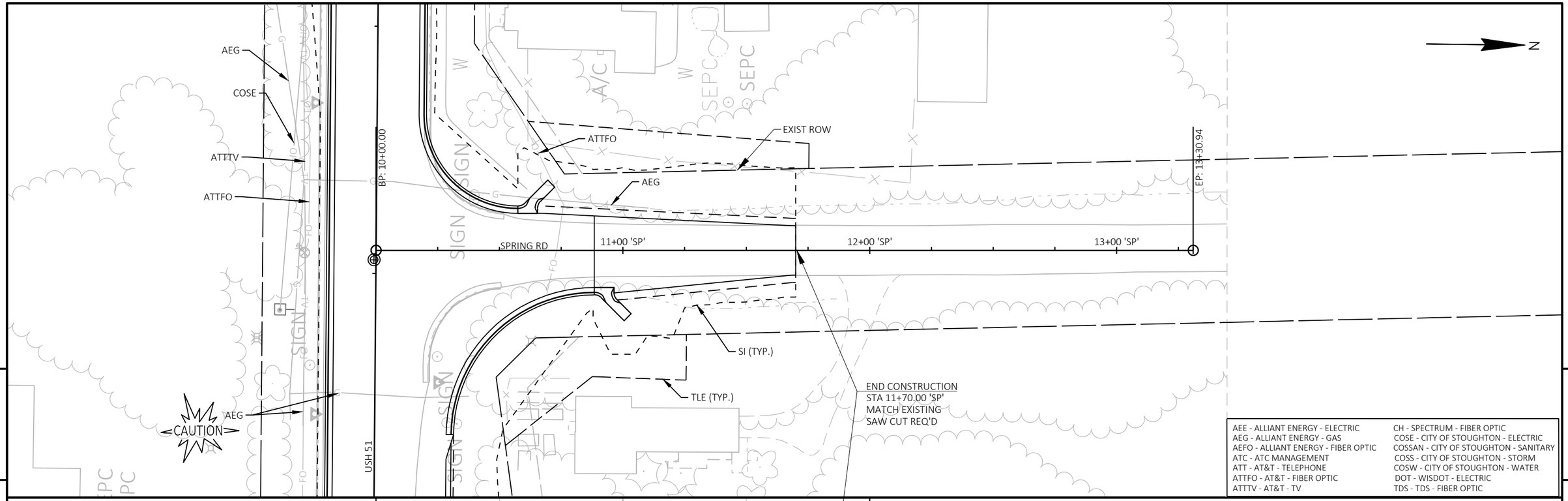
VCL = 180.00
K = 46.91
4.43%
PROPOSED PROFILE
ORIGINAL GROUND
VPC STA 359+85.00
VPC EL 863.07
VPI STA 360+75.00
VPI EL 863.60
VPT STA 361+65.00
VPT EL 867.59

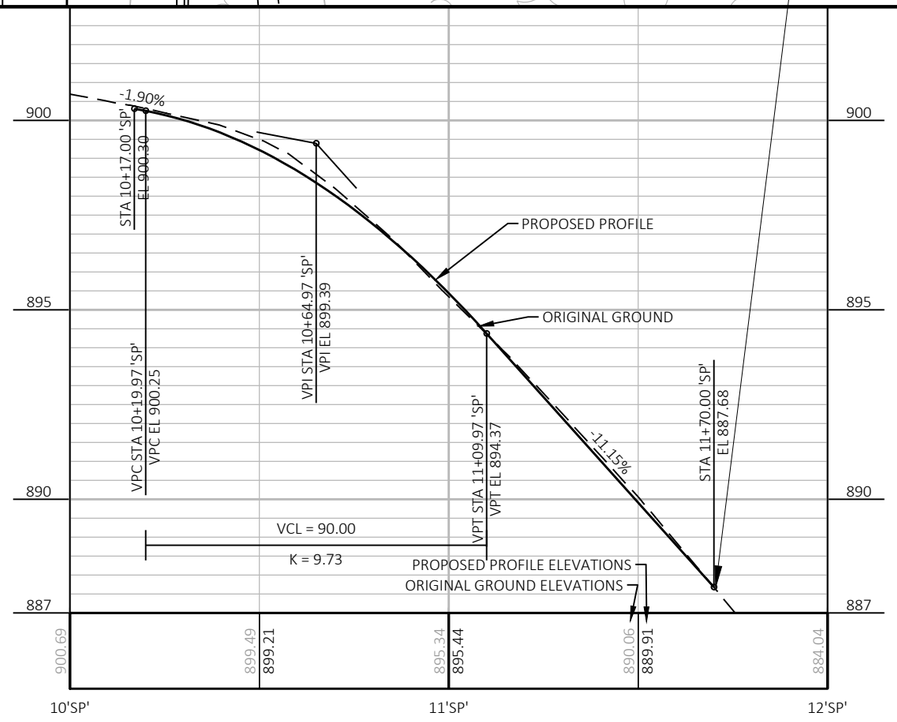
VCL = 100.00
K = 40.09
VPC STA 362+35.00
VPC EL 870.69
VPI STA 362+85.00
VPI EL 872.90
VPT STA 363+35.00
VPT EL 876.36
VPC STA 363+40.00
VPC EL 876.71
6.92%
VPI STA 364+15.00
VPI EL 881.90
HP STA 364+76.14
HP EL 881.42
VPT STA 364+90
VPT EL 881.37
-0.70%
STA 364+96
EL 881.330

VCL = 150.00
K = 19.66

PROPOSED PROFILE ELEVATIONS
ORIGINAL GROUND ELEVATIONS

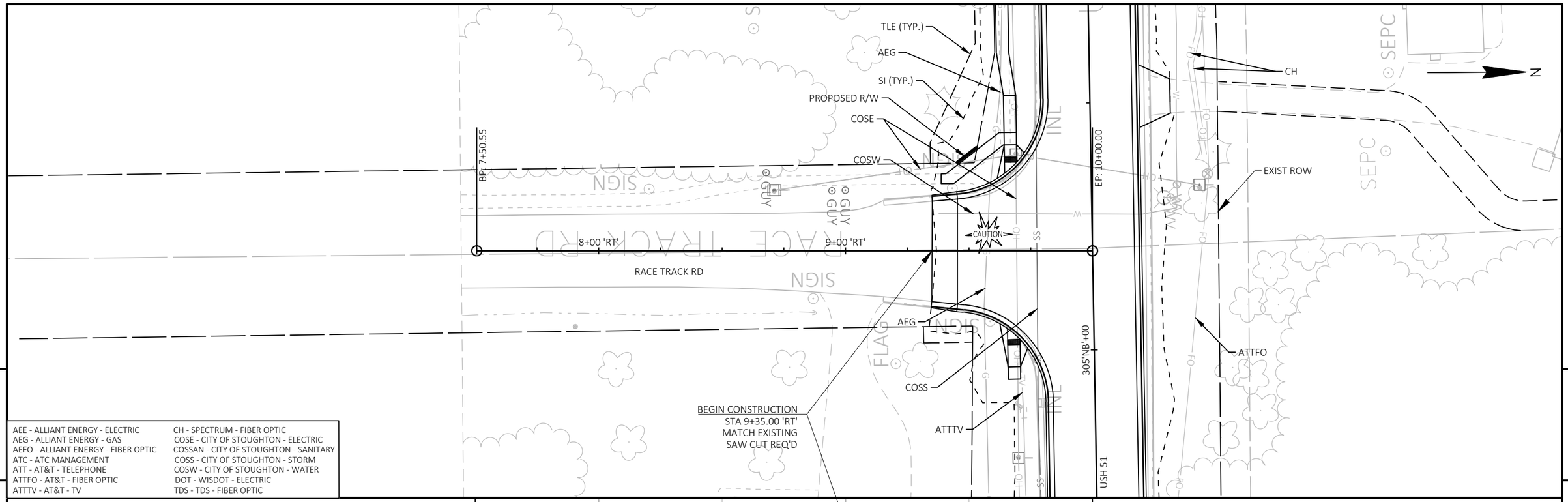
| | | |



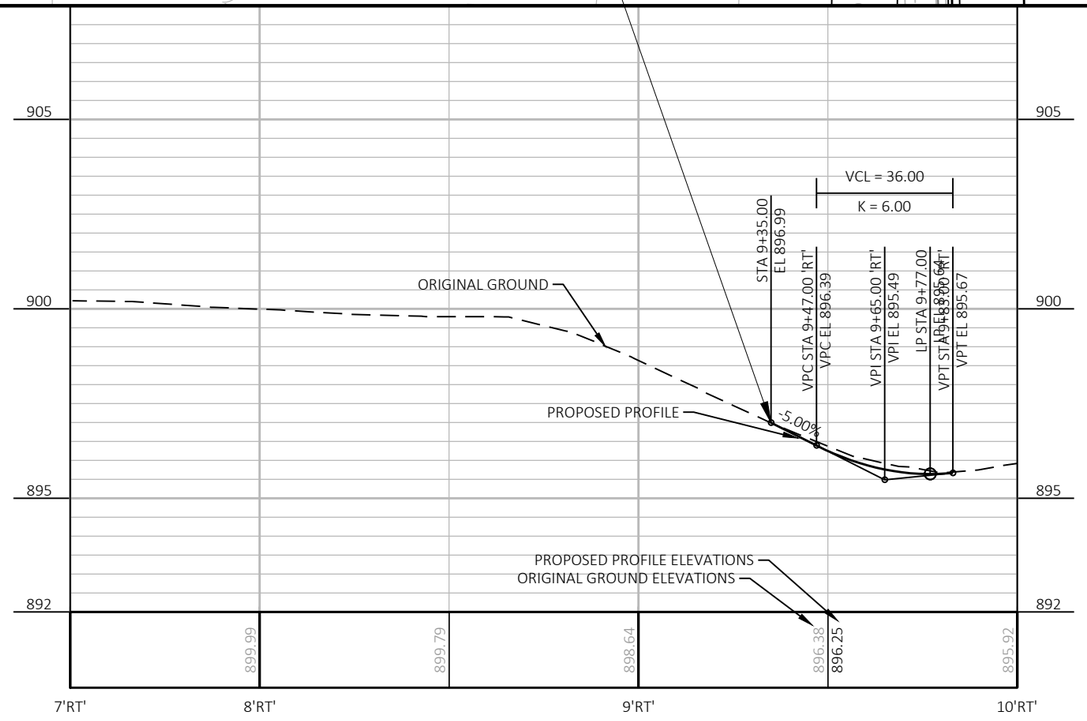


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SPRING ROAD	SHEET 241	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050120 - SP
PLOT DATE : 7/26/2024 3:28 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

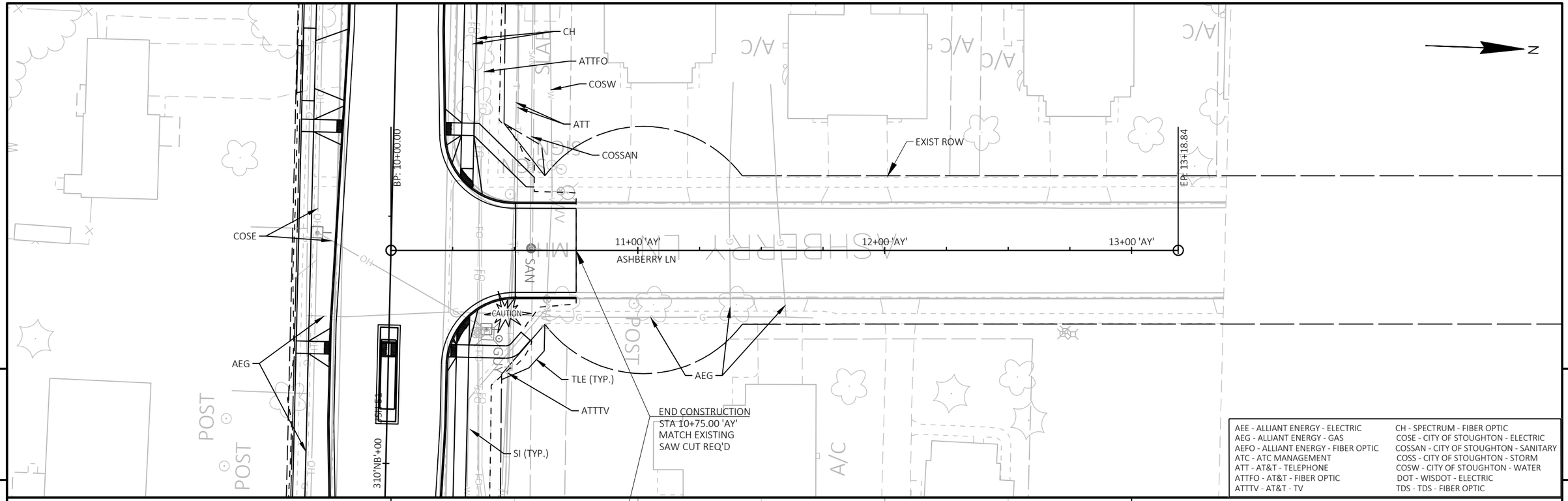


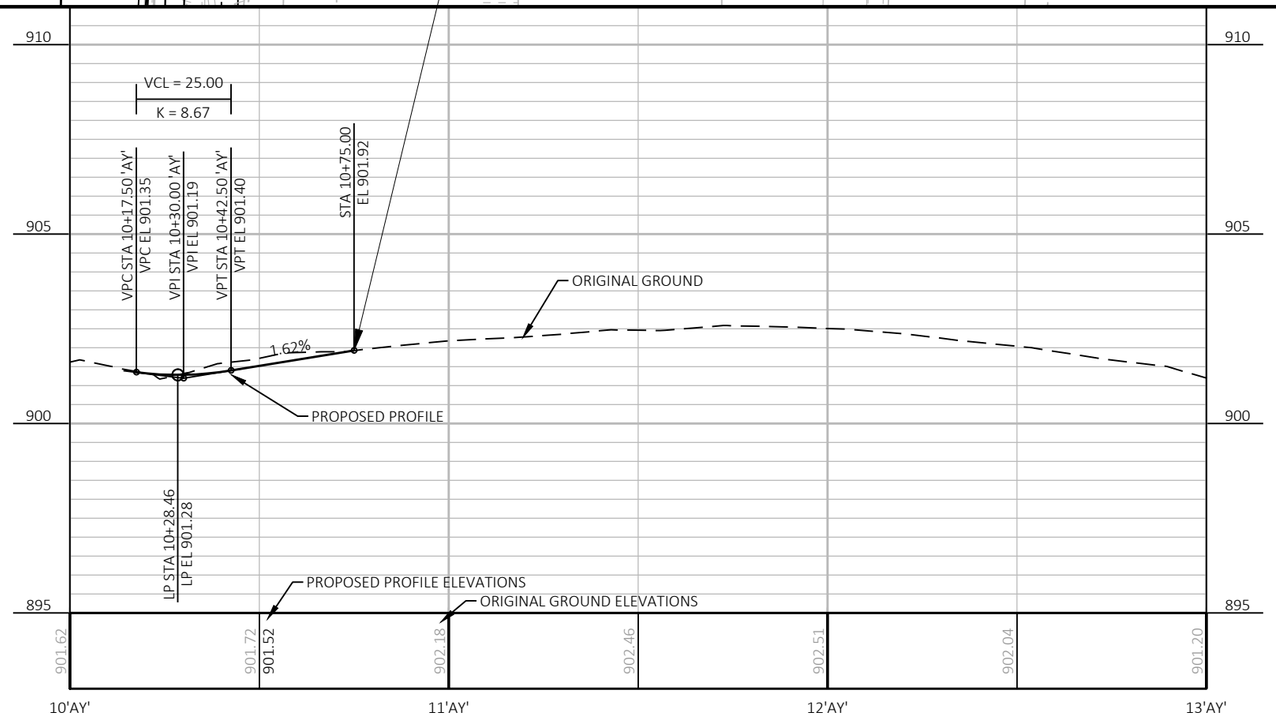
AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC



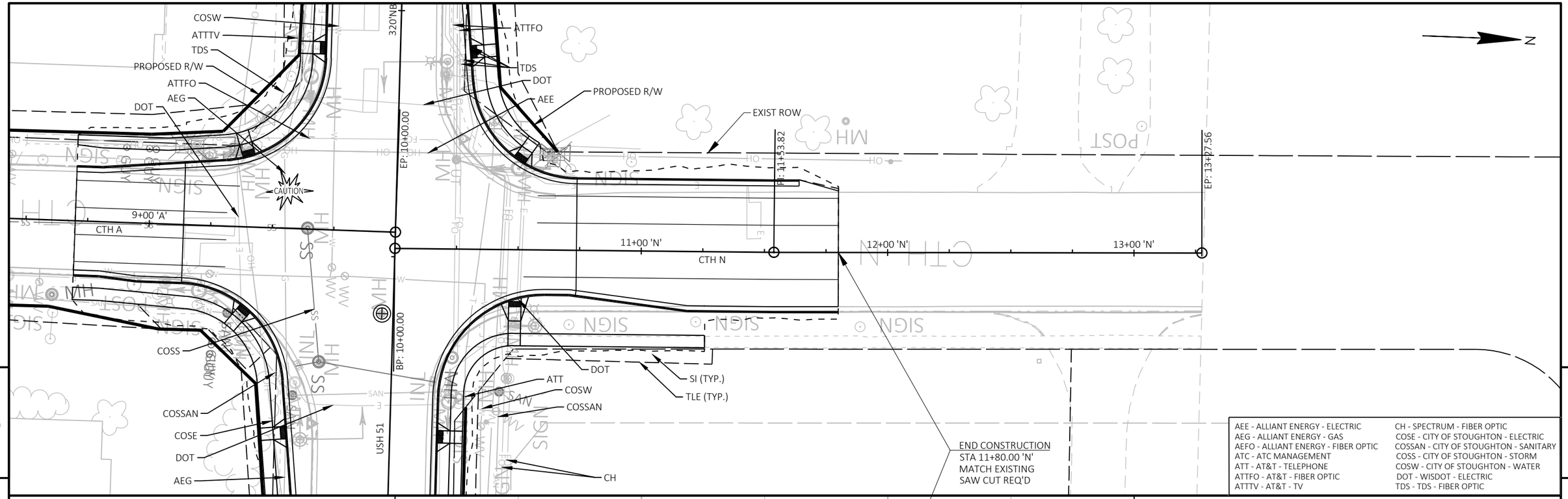
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: RACE TRACK ROAD	SHEET 242	E

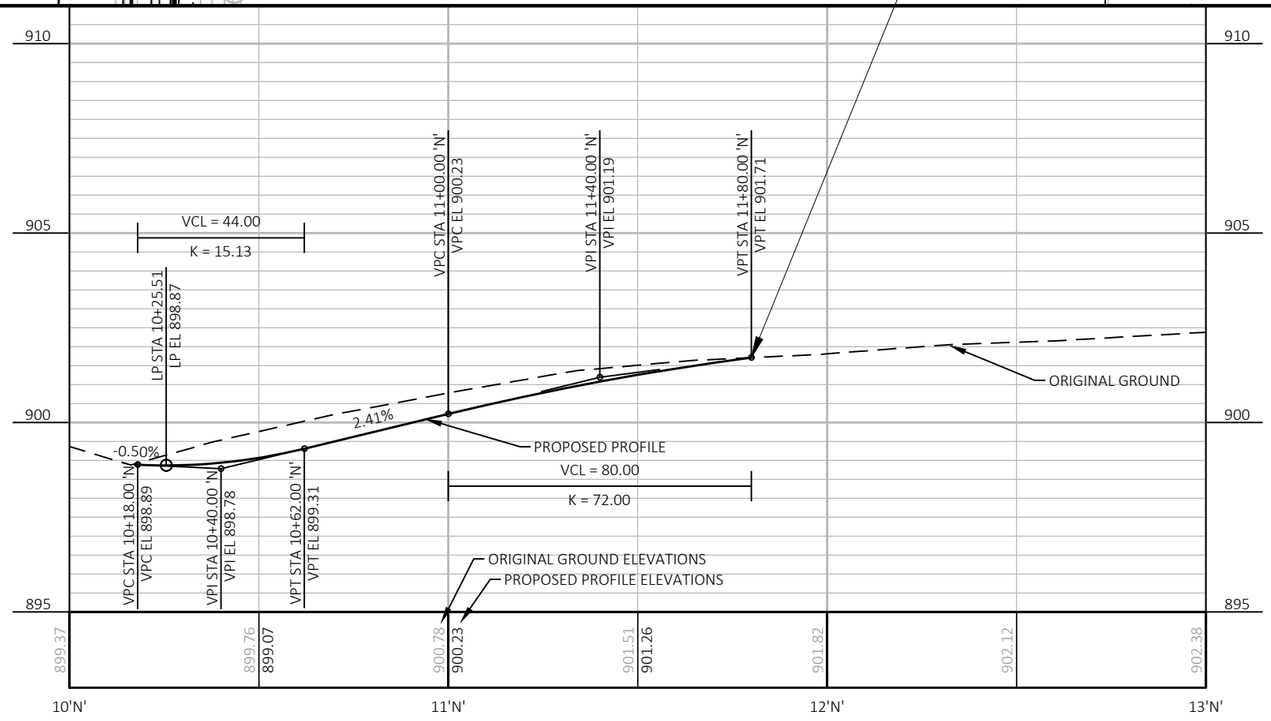
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050121 - RT
PLOT DATE : 7/26/2024 3:28 PM
PLOT BY : JOHNATHAN HOPP
PLOT NAME :
PLOT SCALE : 1 IN:40 FT



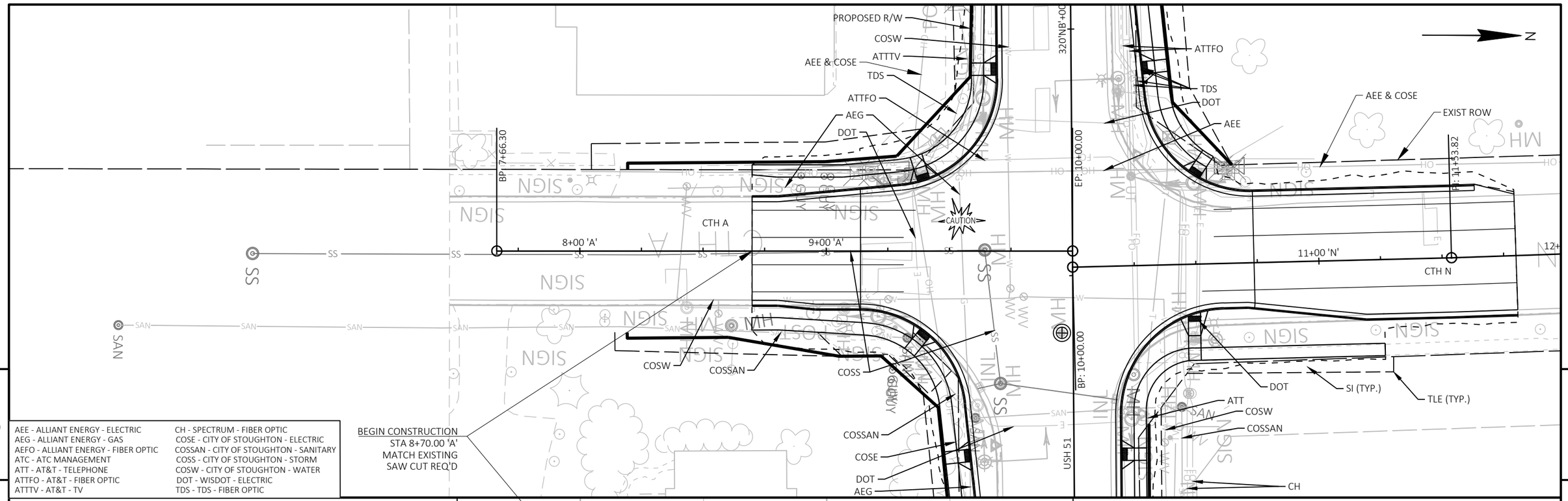


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: ASHBERRY LANE	SHEET 243	E

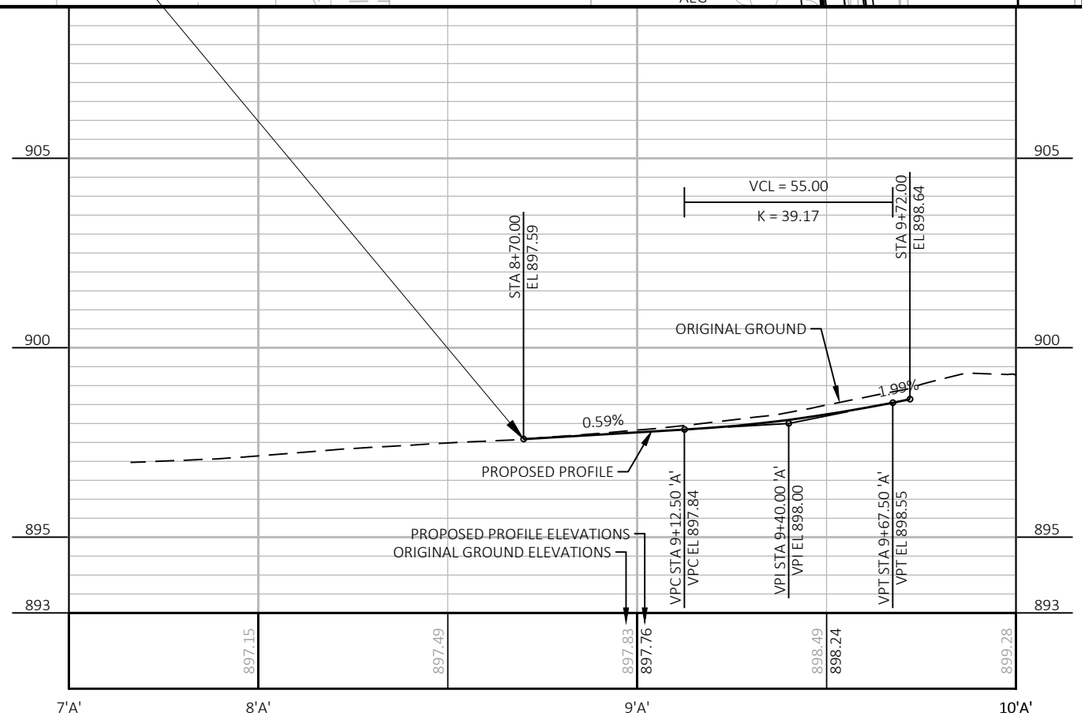




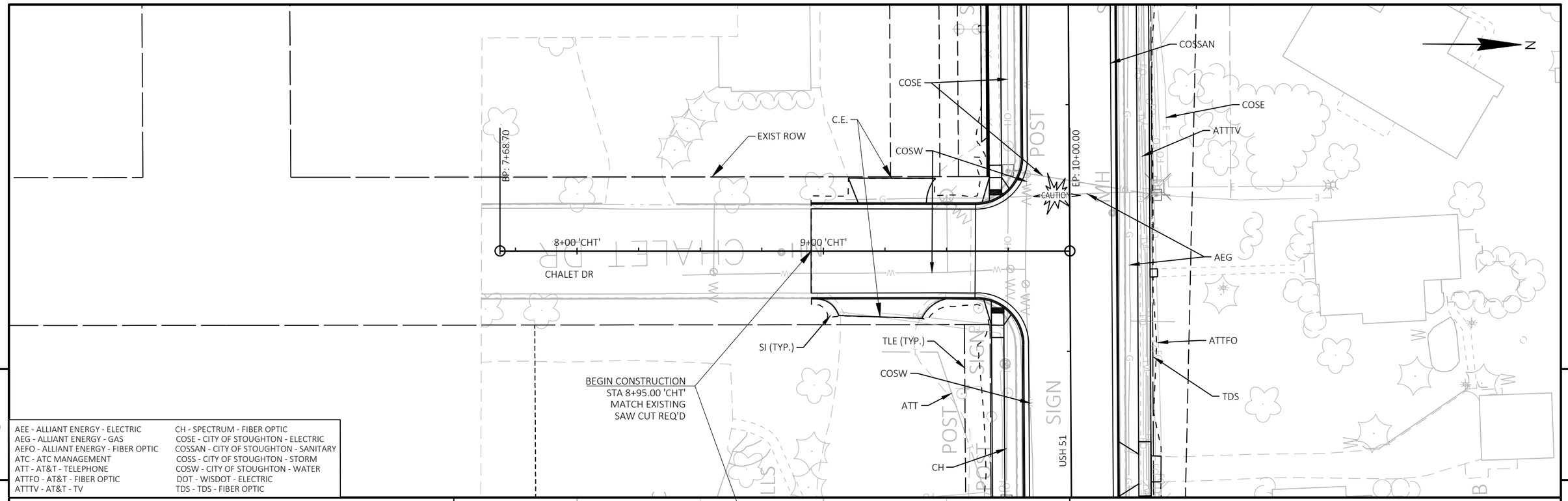
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: CTH N	SHEET 244	E



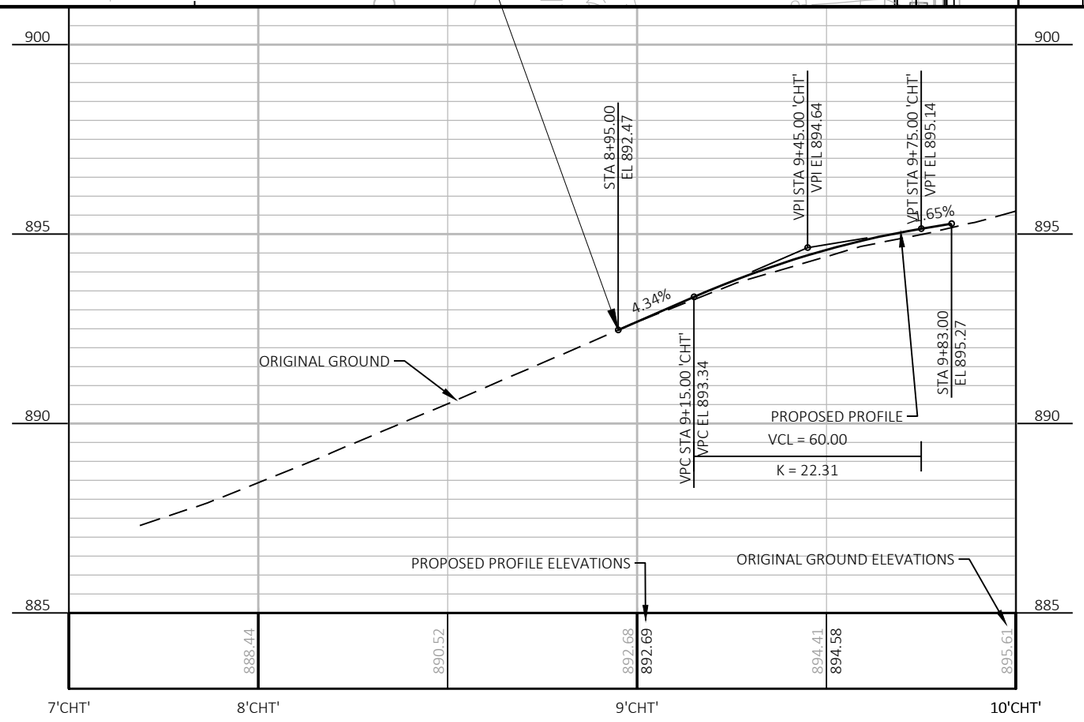
AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: CTH A	SHEET 245 E

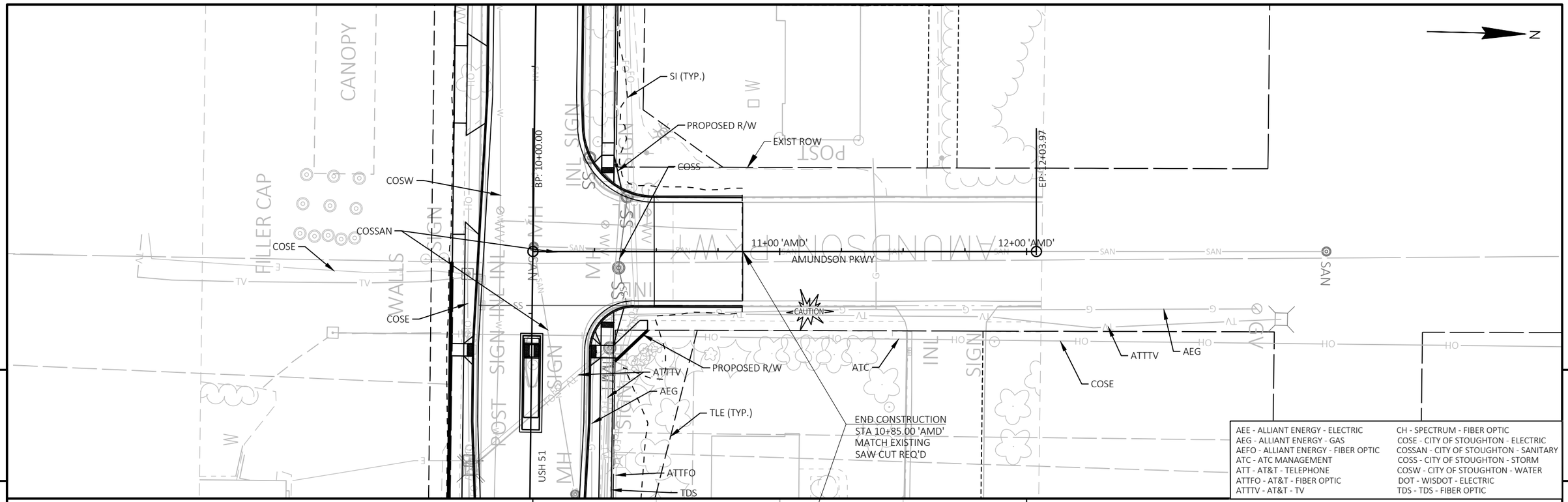


AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

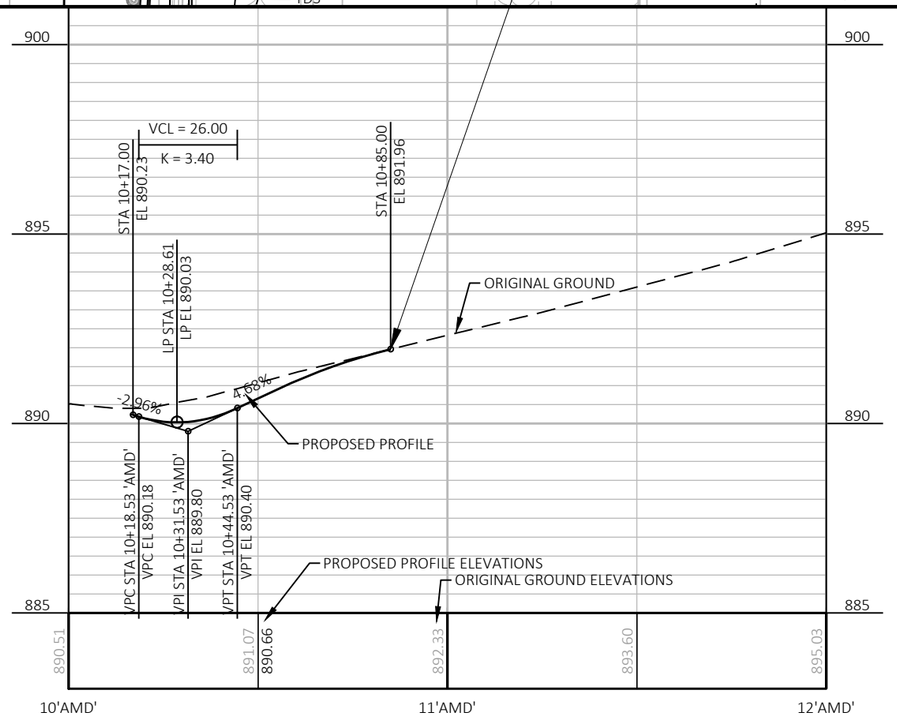


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: CHALET DRIVE	SHEET 246	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050125 - CHT
PLOT DATE : 7/26/2024 3:29 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

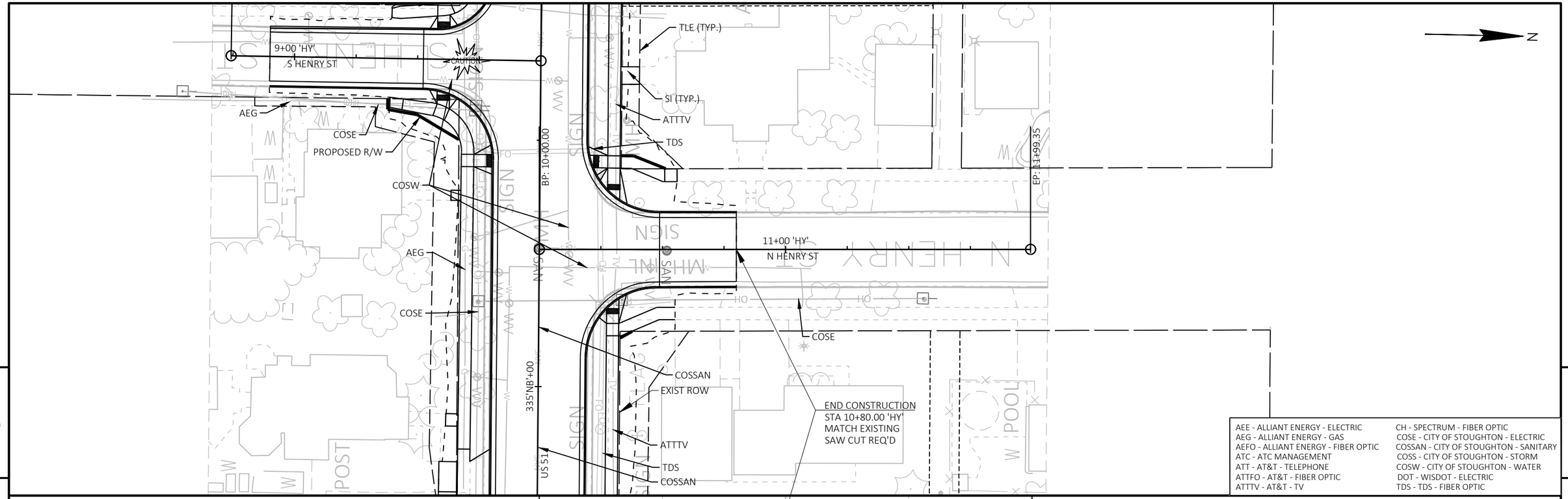


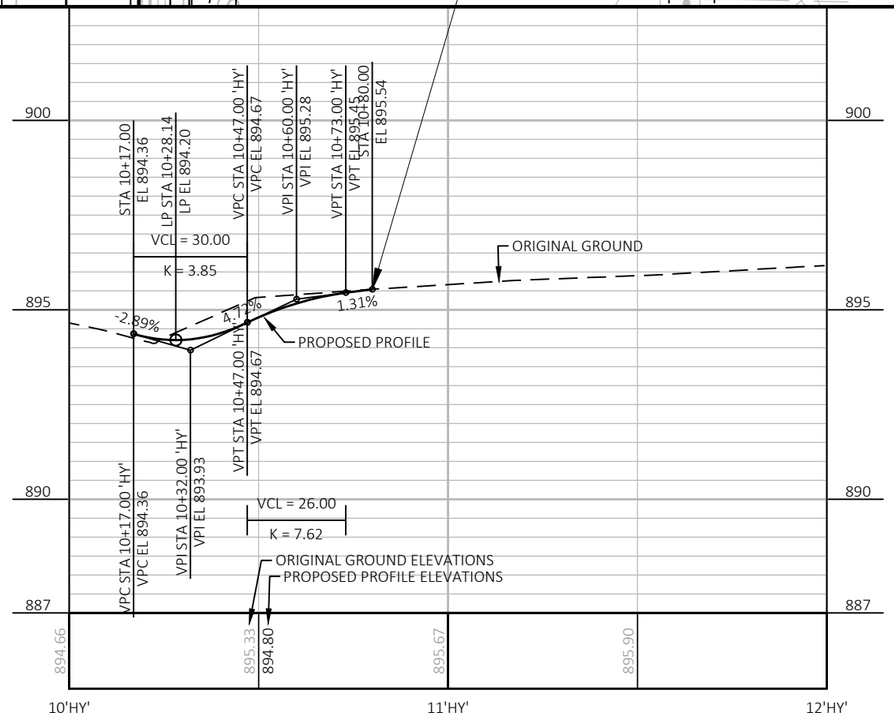
AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



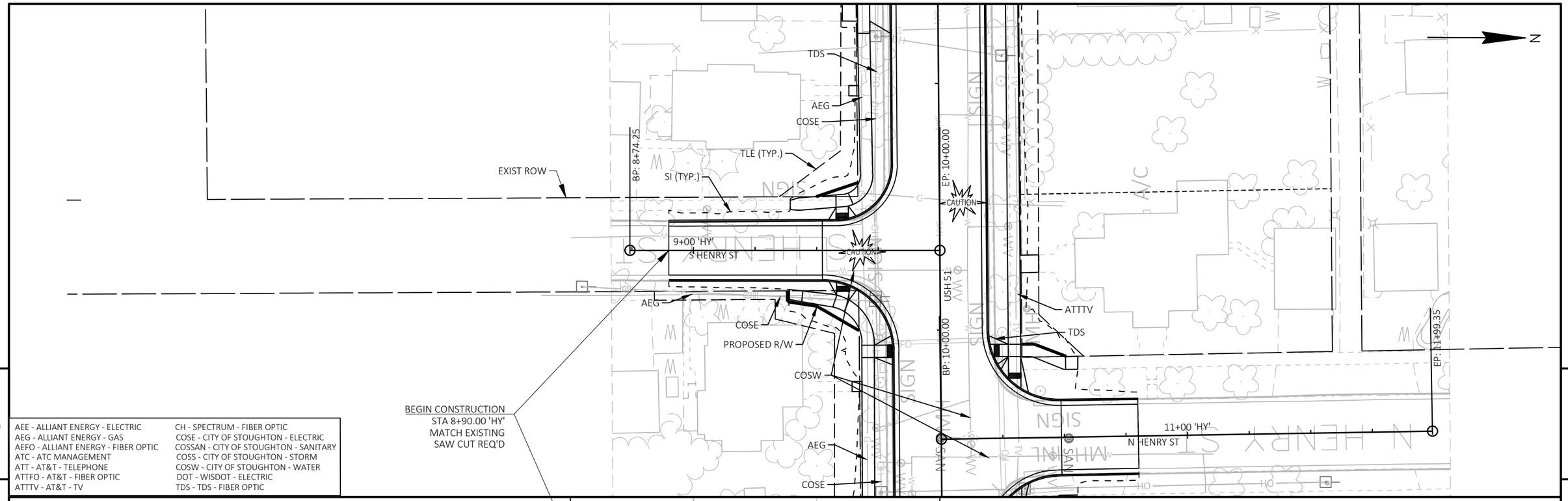
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: AMUNDSON PARKWAY	SHEET 247 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050126 - AMD
PLOT DATE : 7/26/2024 3:29 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT



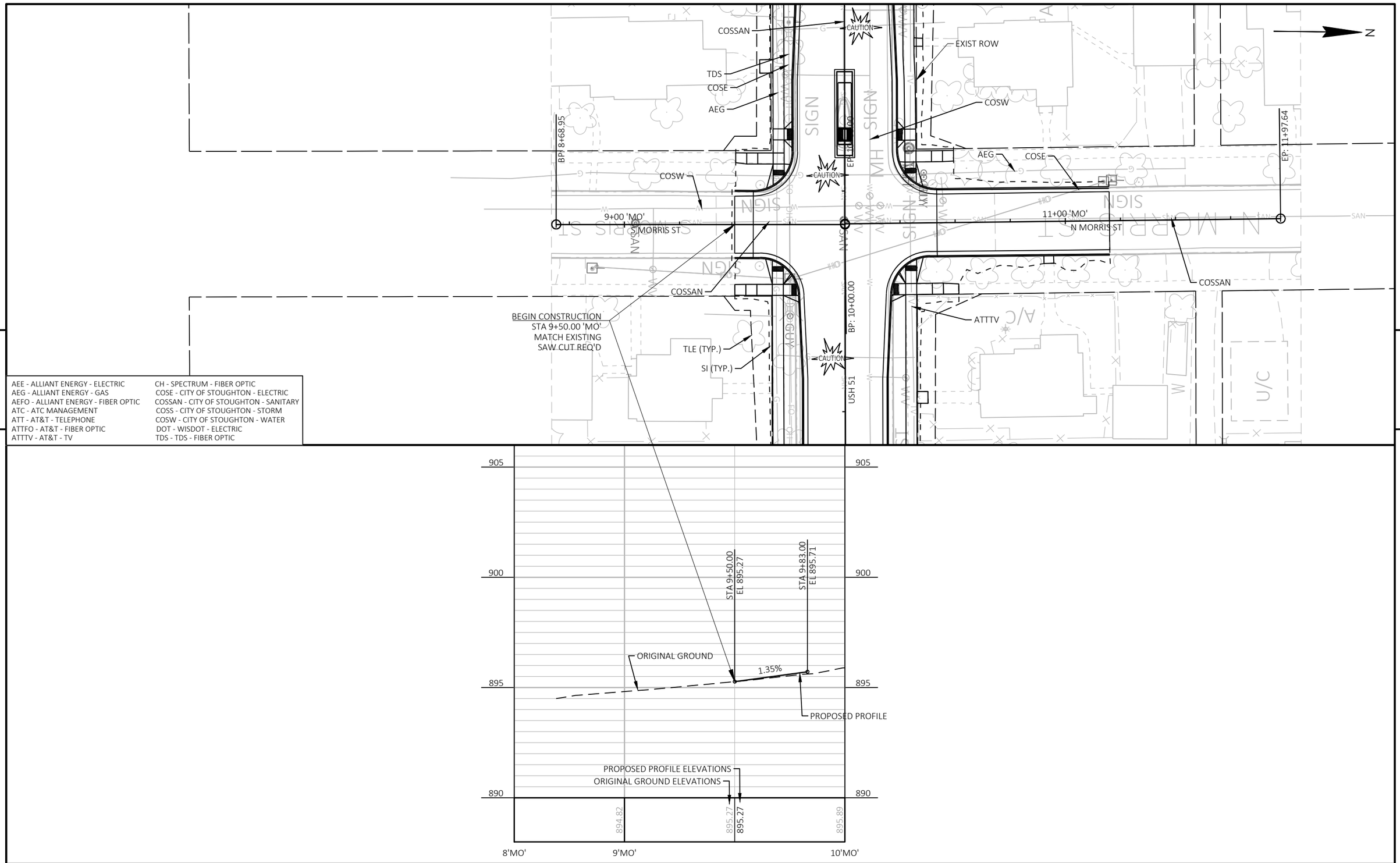


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NORTH HENRY STREET	SHEET 248	E



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTH HENRY STREET	SHEET 249	E

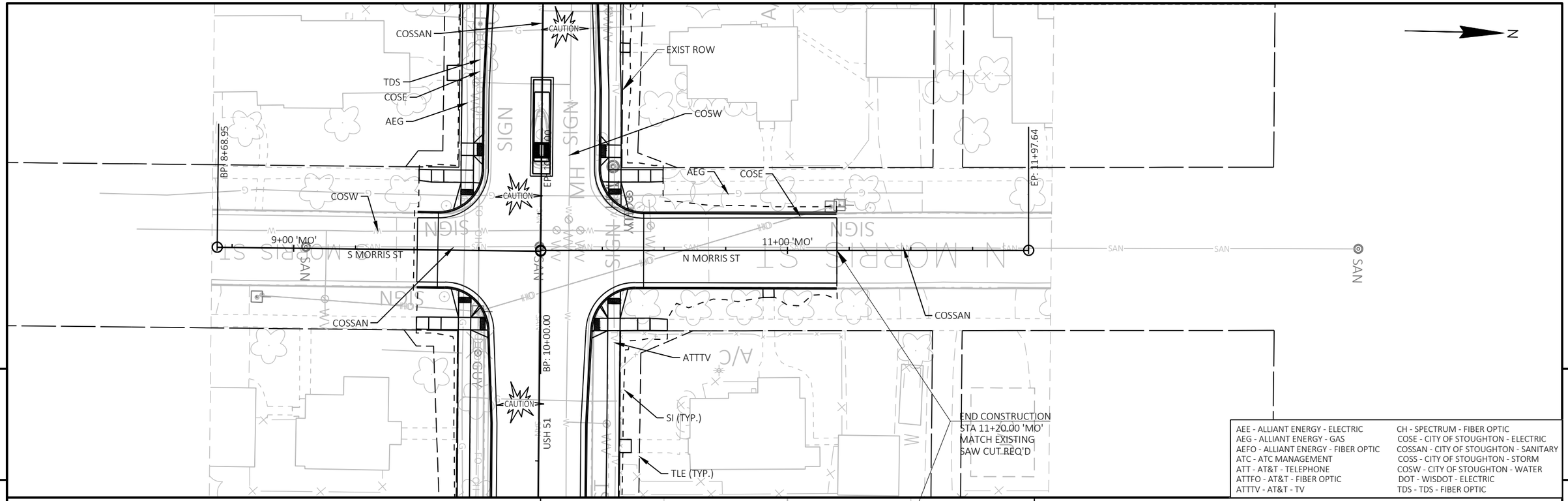
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050128 - HY
PLOT DATE : 7/26/2024 3:29 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT



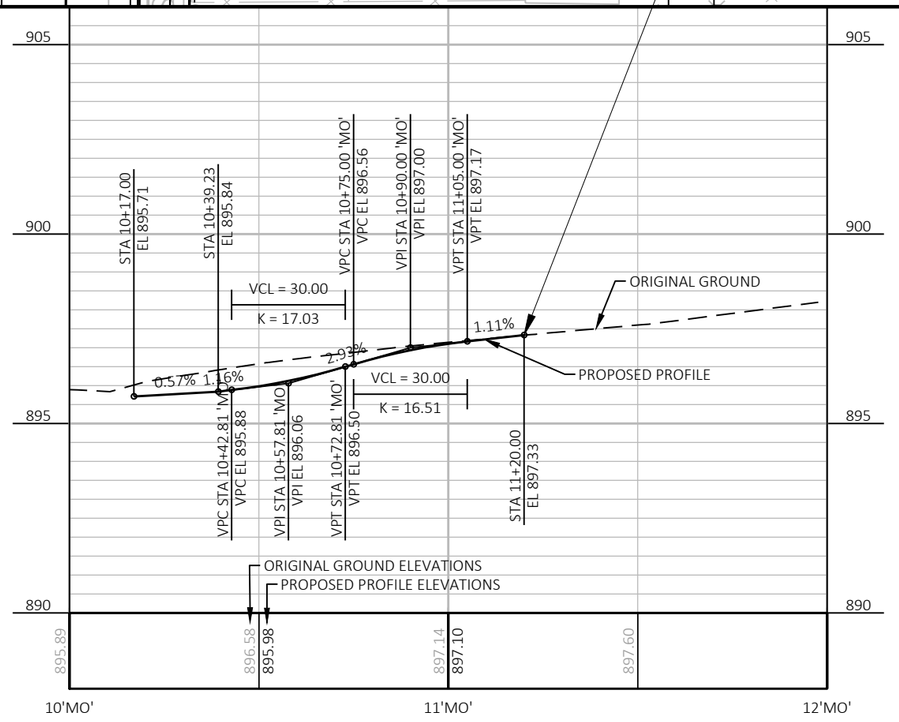
AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTH MORRIS STREET	SHEET 250	E

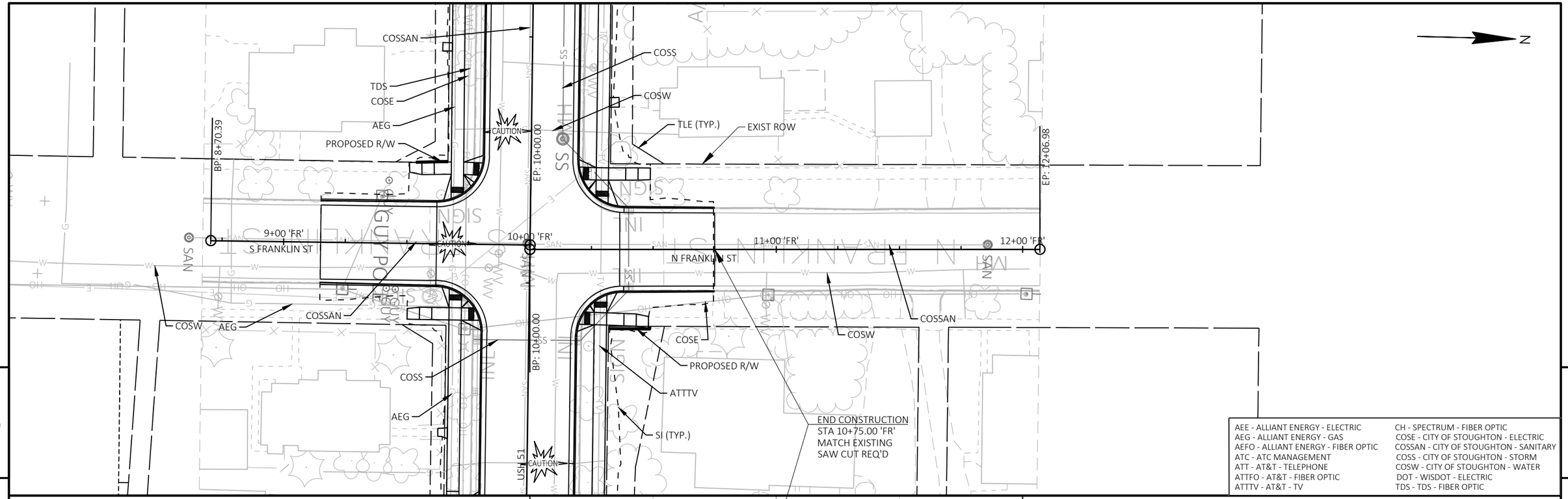
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050129 -MO
PLOT DATE : 7/26/2024 3:29 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

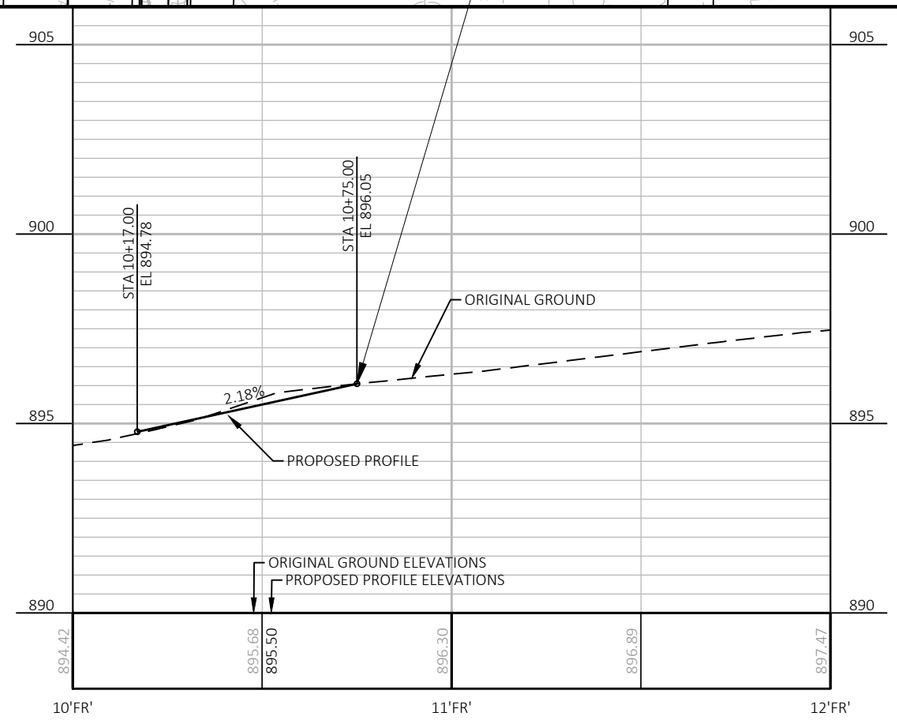


AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



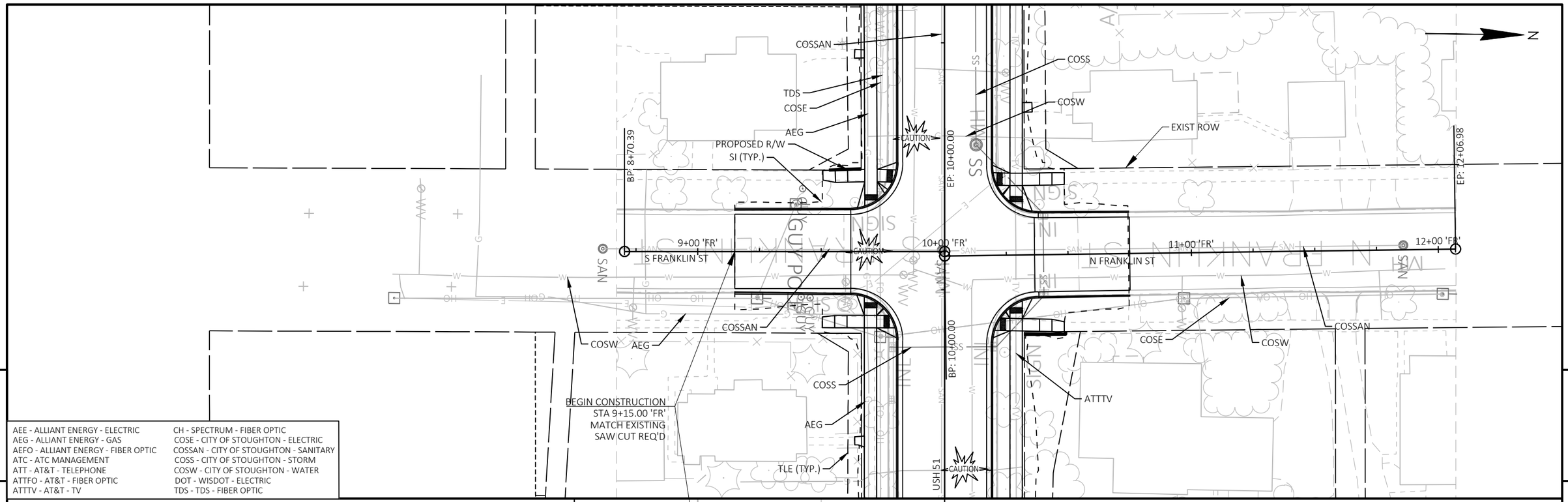
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NORTH MORRIS STREET	SHEET 251 E





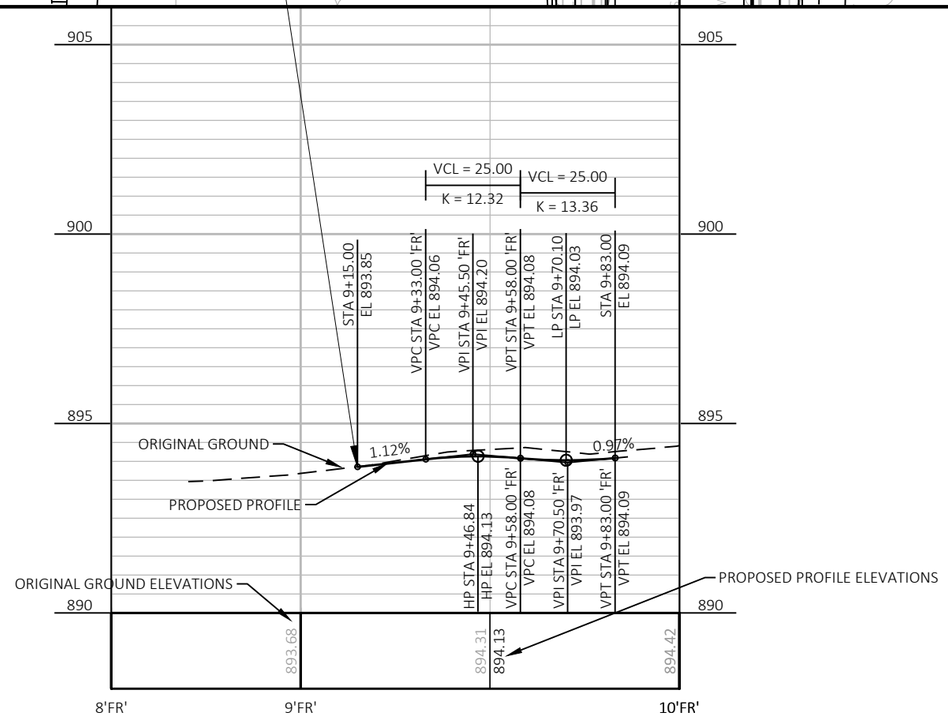
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NORTH FRANKLIN STREET	SHEET 252	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050131 - FR
PLOT DATE : 7/26/2024 3:30 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT



5

AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



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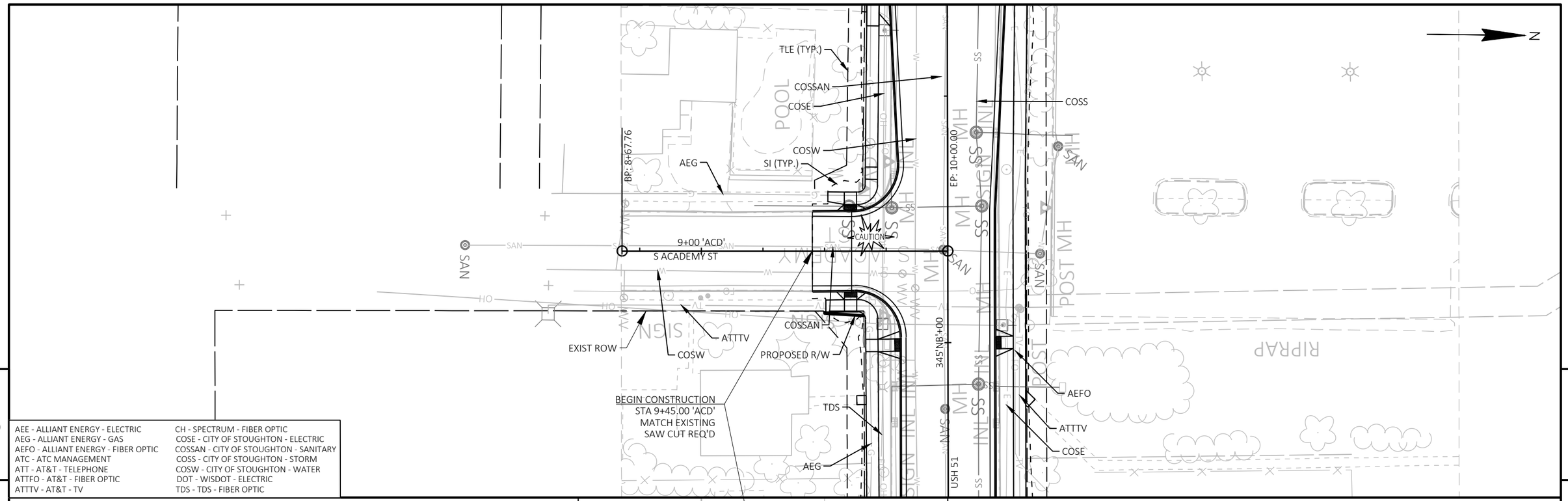
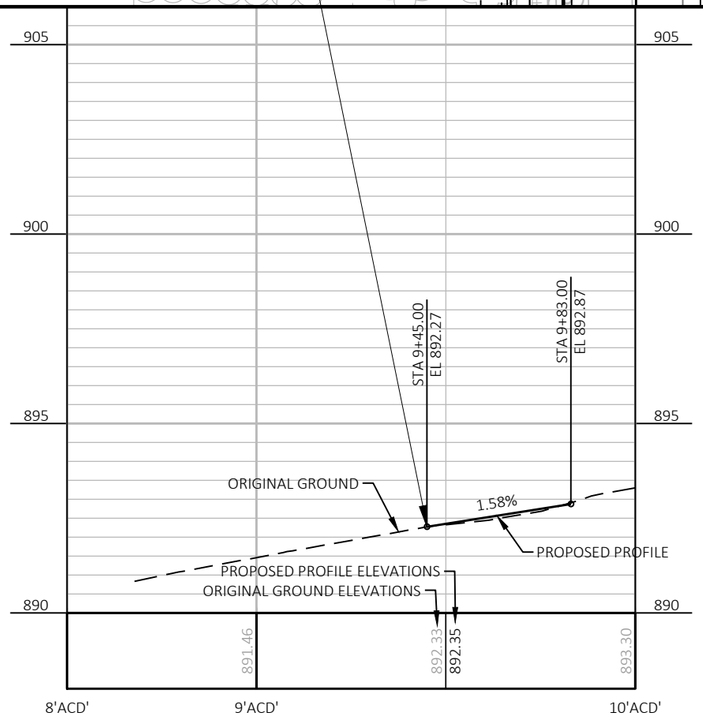
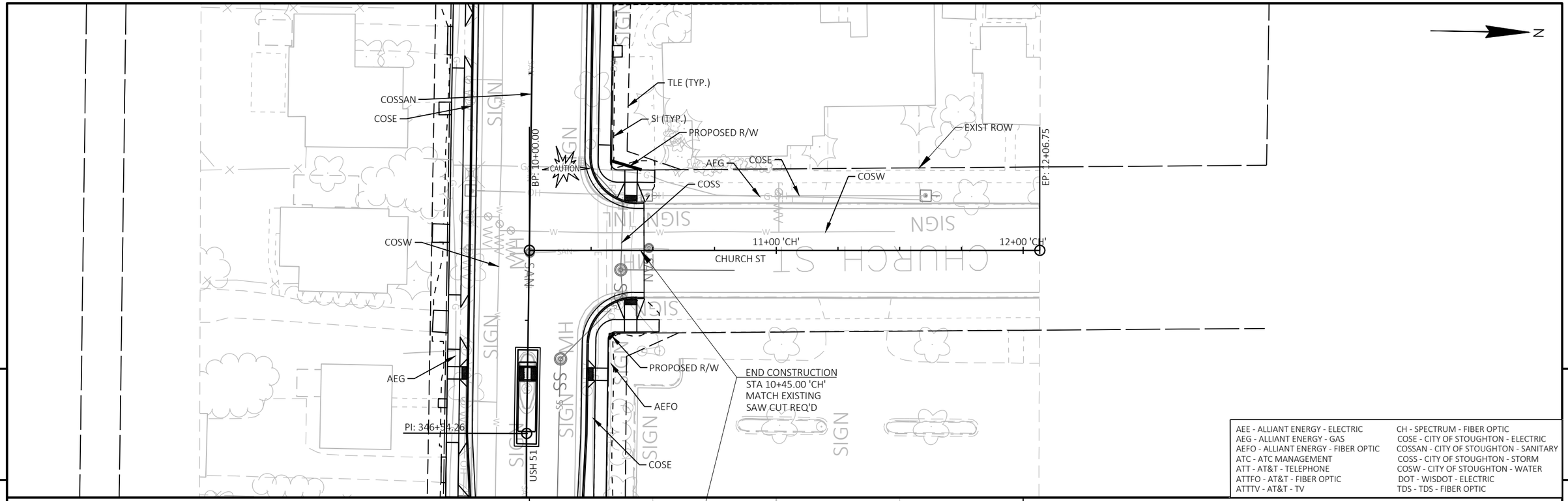
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTH FRANKLIN STREET	SHEET 253 E



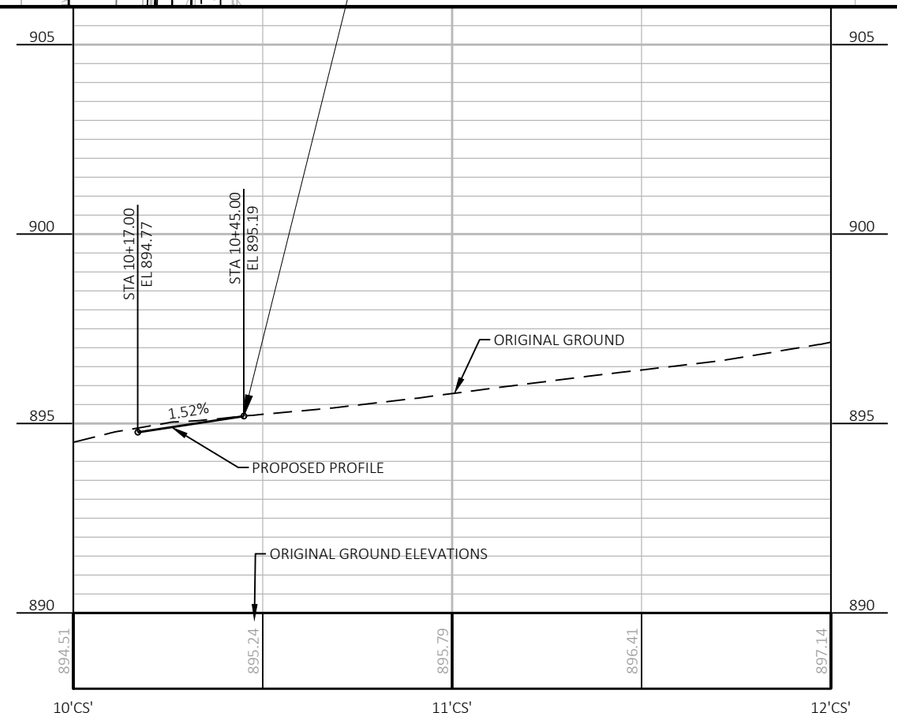
AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



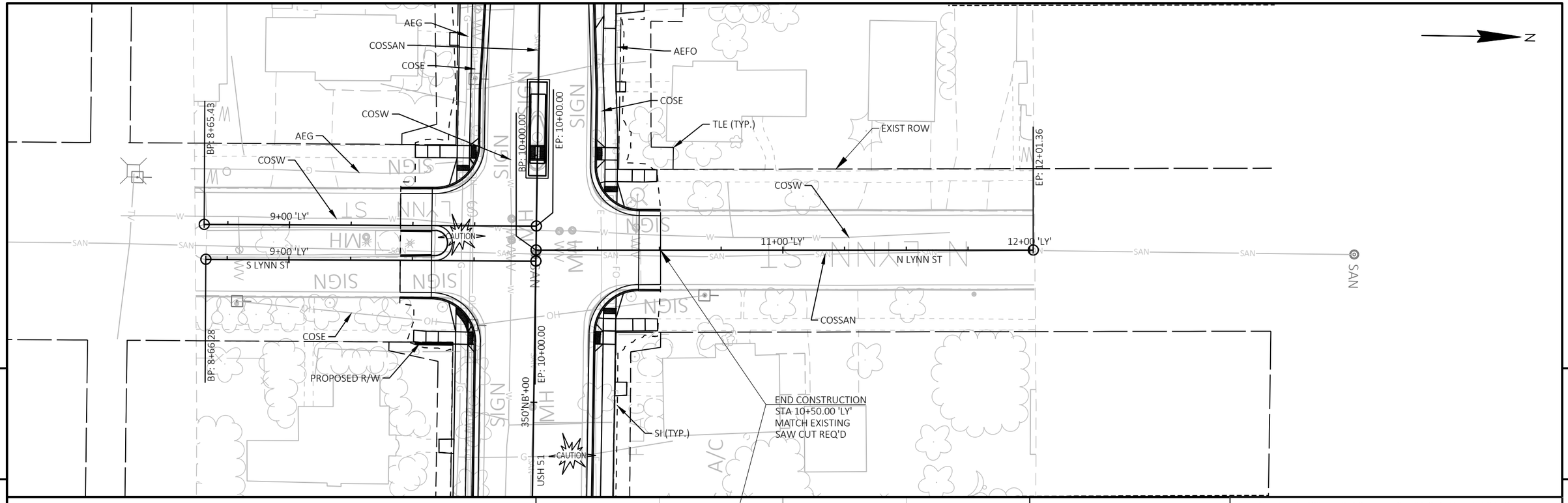
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTH ACADEMY STREET	SHEET 254 E



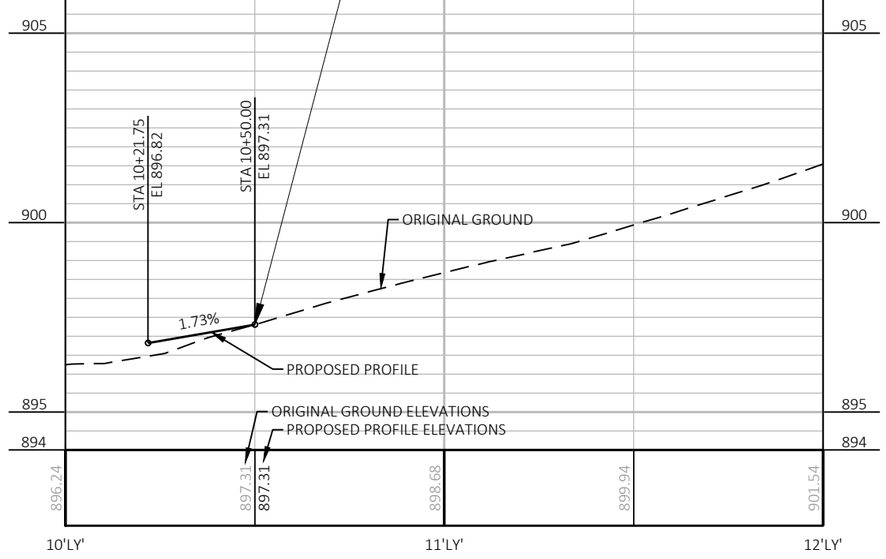
AEE - ALLIANT ENERGY - ELECTRIC
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATC - ATC MANAGEMENT
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSE - CITY OF STOUGHTON - ELECTRIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
DOT - WISDOT - ELECTRIC
TDS - TDS - FIBER OPTIC



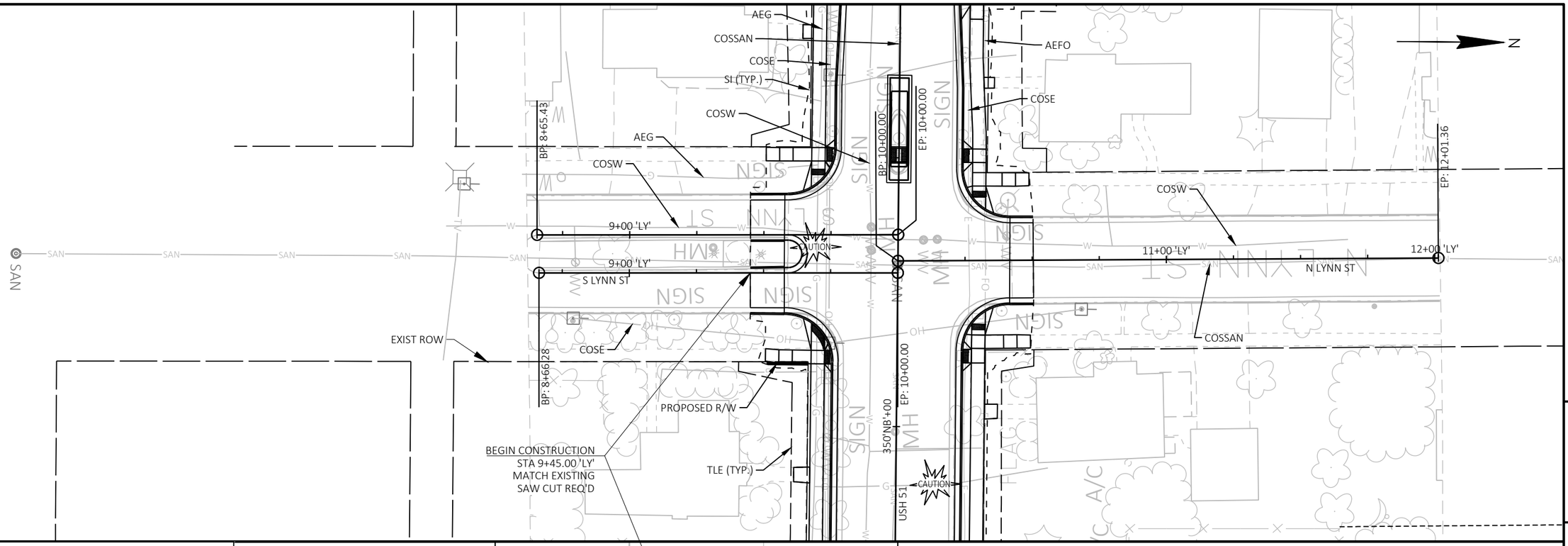
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: CHURCH STREET	SHEET 255	E



AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



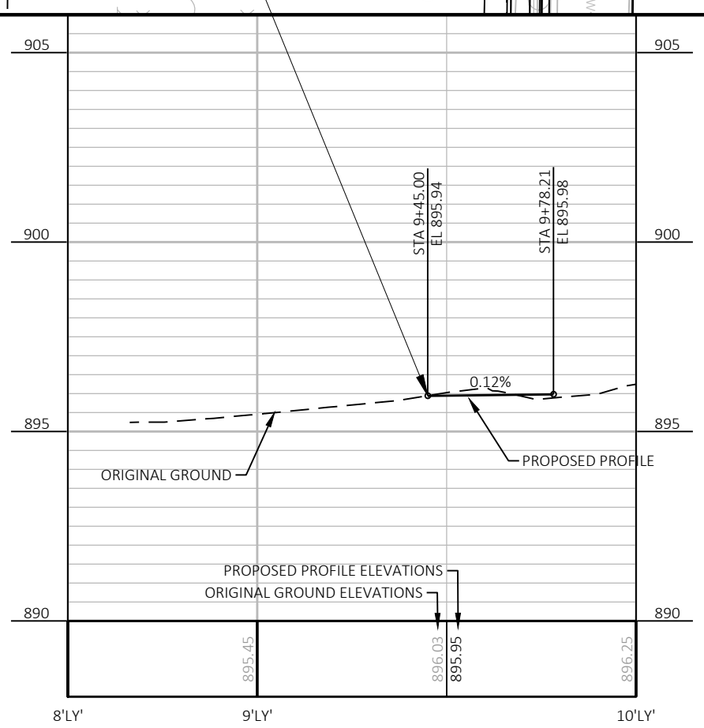
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NORTH LYNN STREET	SHEET 256 E



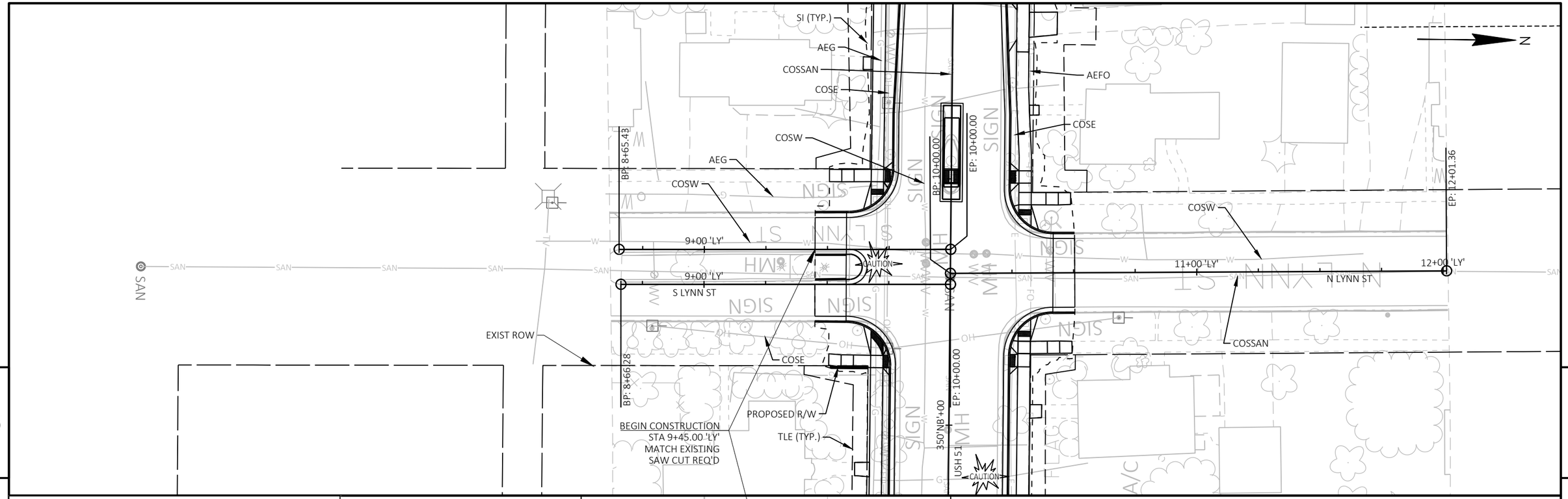
5

5

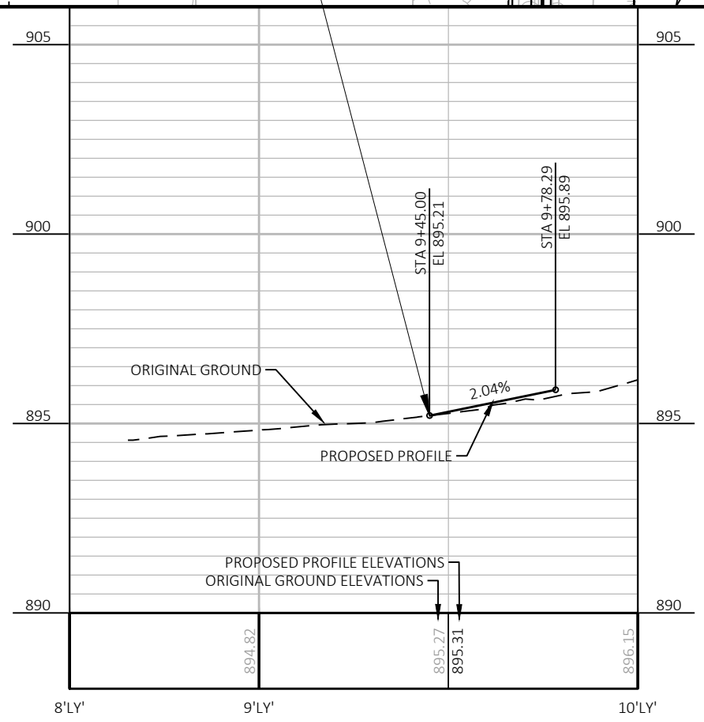
AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



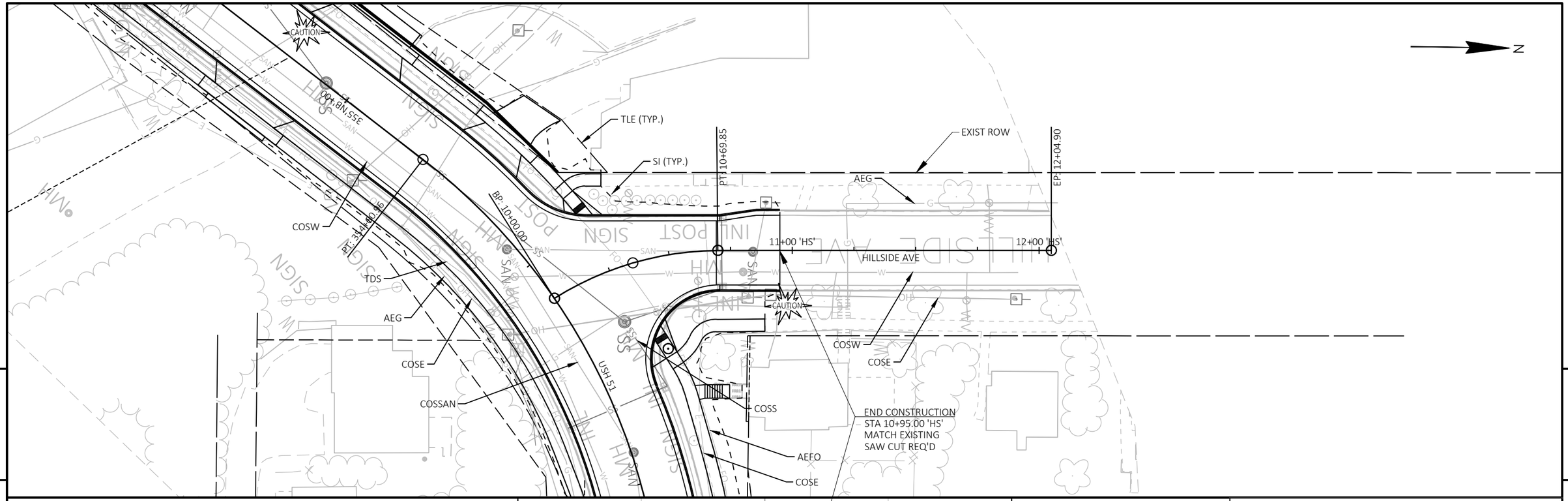
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTH LYNN STREET - NB	SHEET 257 E

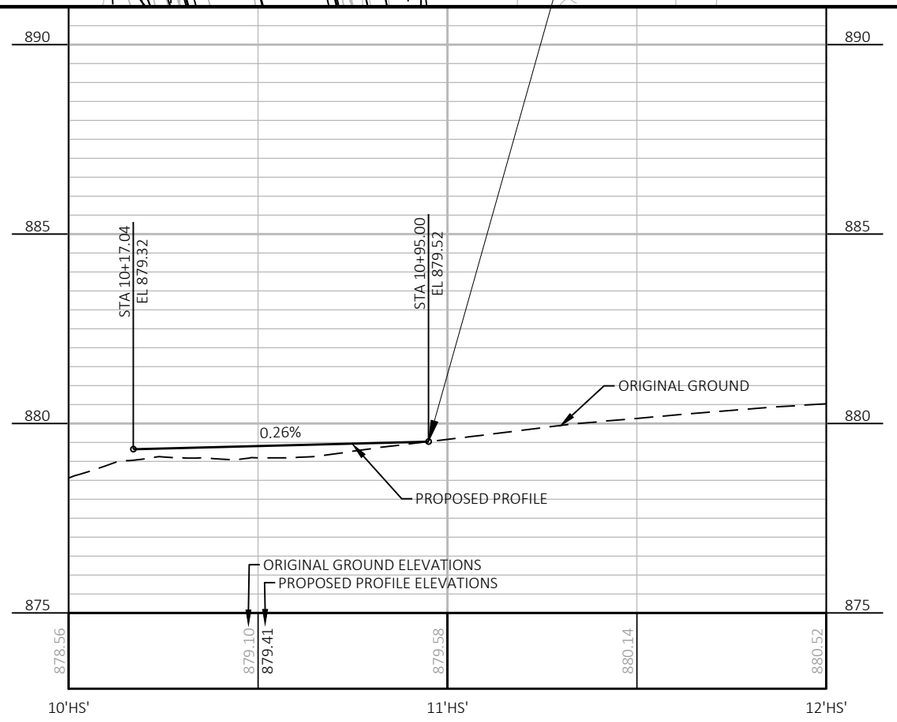


AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTH LYNN ROAD - SB	SHEET 258 E





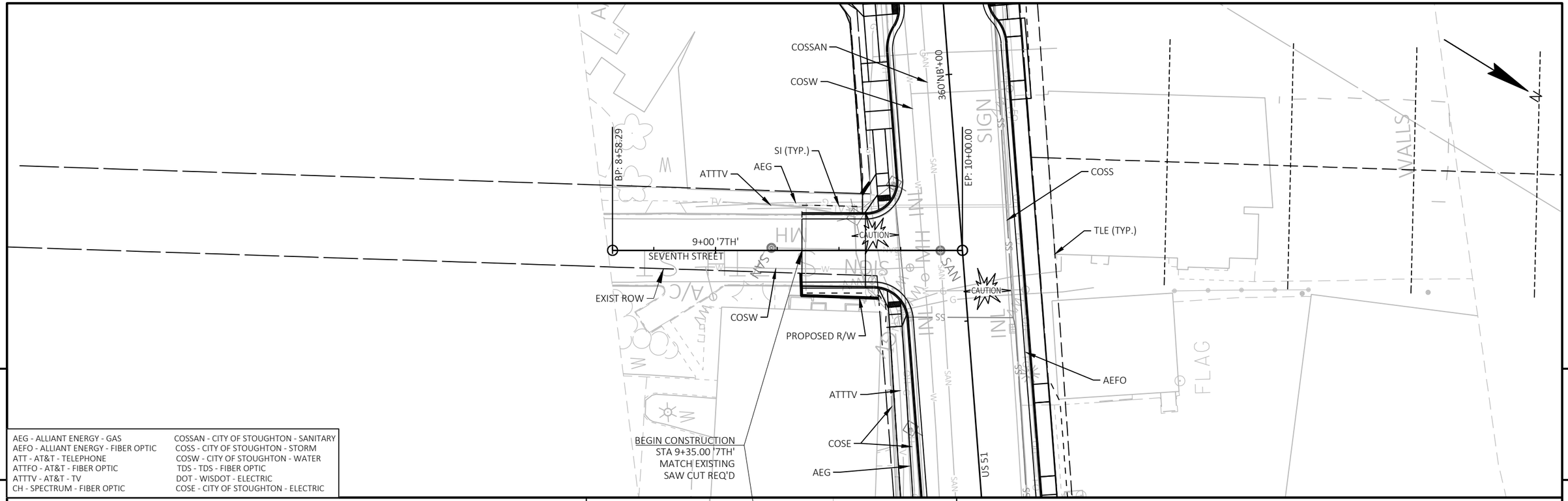
AEE - ALLIANT ENERGY - ELECTRIC	CH - SPECTRUM - FIBER OPTIC
AEG - ALLIANT ENERGY - GAS	COSE - CITY OF STOUGHTON - ELECTRIC
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSSAN - CITY OF STOUGHTON - SANITARY
ATC - ATC MANAGEMENT	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	DOT - WISDOT - ELECTRIC
ATTTV - AT&T - TV	TDS - TDS - FIBER OPTIC

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: HILLSIDE AVENUE	SHEET 259 E

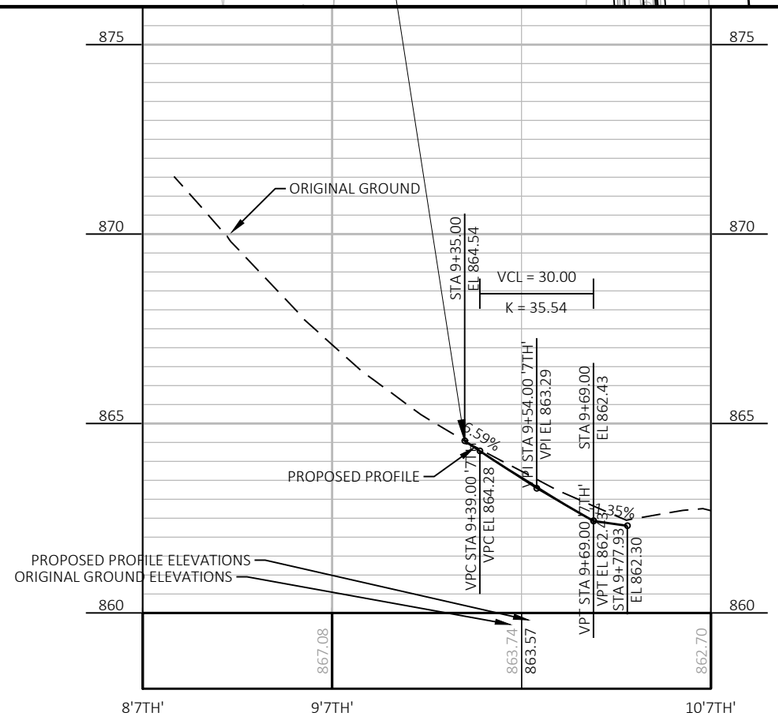
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050138 - HS

PLOT DATE : 7/26/2024 3:31 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

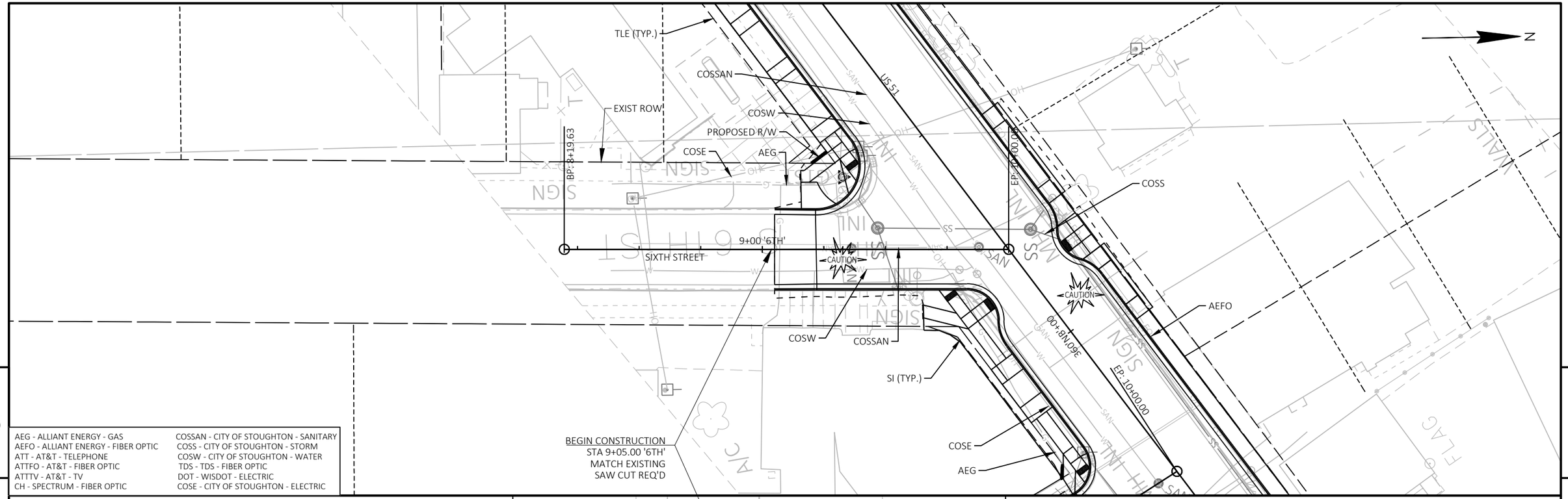
WISDOT/CADDS SHEET 44



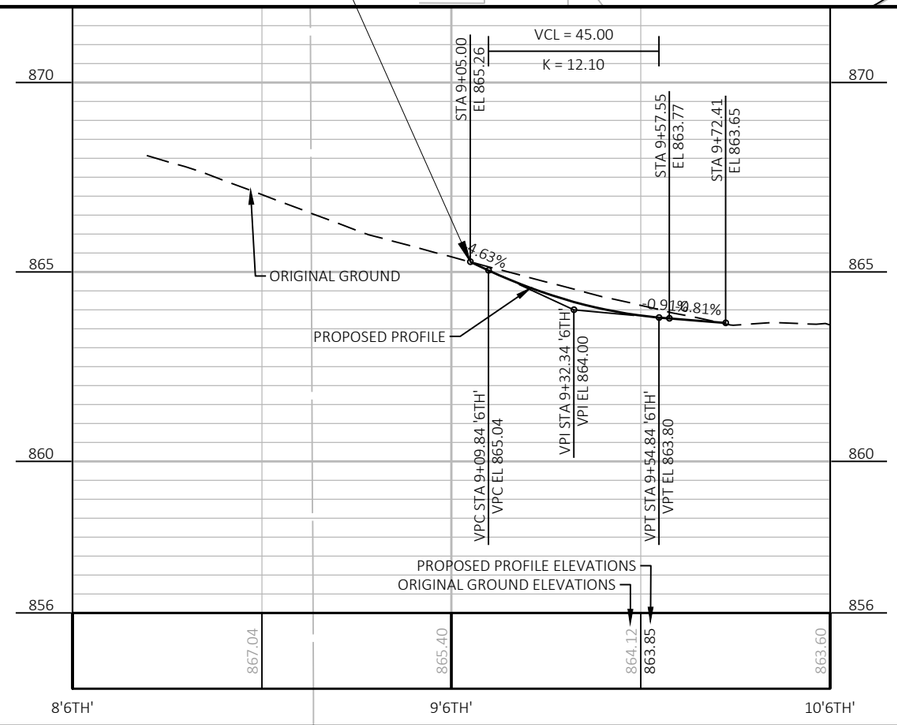
AEG - ALLIANT ENERGY - GAS
AEFO - ALLIANT ENERGY - FIBER OPTIC
ATT - AT&T - TELEPHONE
ATTFO - AT&T - FIBER OPTIC
ATTTV - AT&T - TV
CH - SPECTRUM - FIBER OPTIC
COSSAN - CITY OF STOUGHTON - SANITARY
COSS - CITY OF STOUGHTON - STORM
COSW - CITY OF STOUGHTON - WATER
TDS - TDS - FIBER OPTIC
DOT - WISDOT - ELECTRIC
COSE - CITY OF STOUGHTON - ELECTRIC



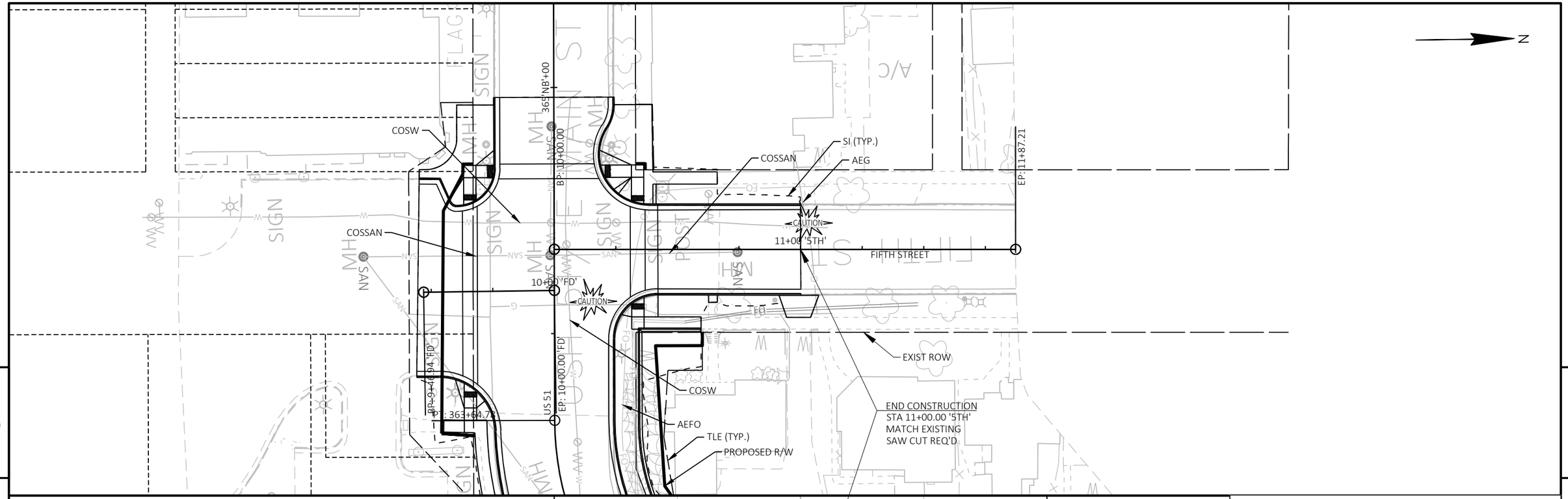
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: 7TH STREET	SHEET 260	E

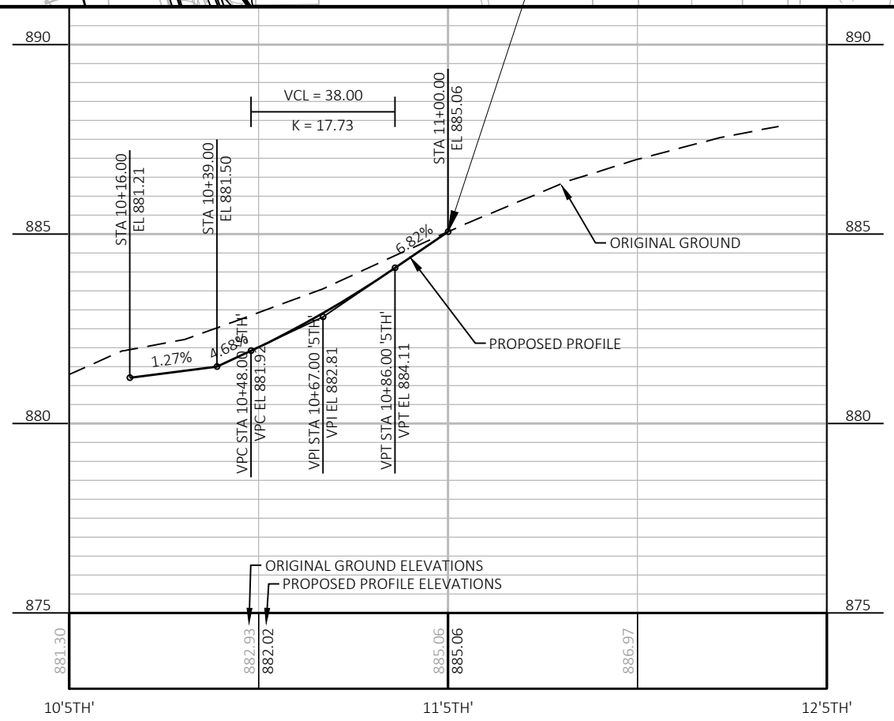


AEG - ALLIANT ENERGY - GAS	COSSAN - CITY OF STOUGHTON - SANITARY
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	TDS - TDS - FIBER OPTIC
ATTTV - AT&T - TV	DOT - WISDOT - ELECTRIC
CH - SPECTRUM - FIBER OPTIC	COSE - CITY OF STOUGHTON - ELECTRIC



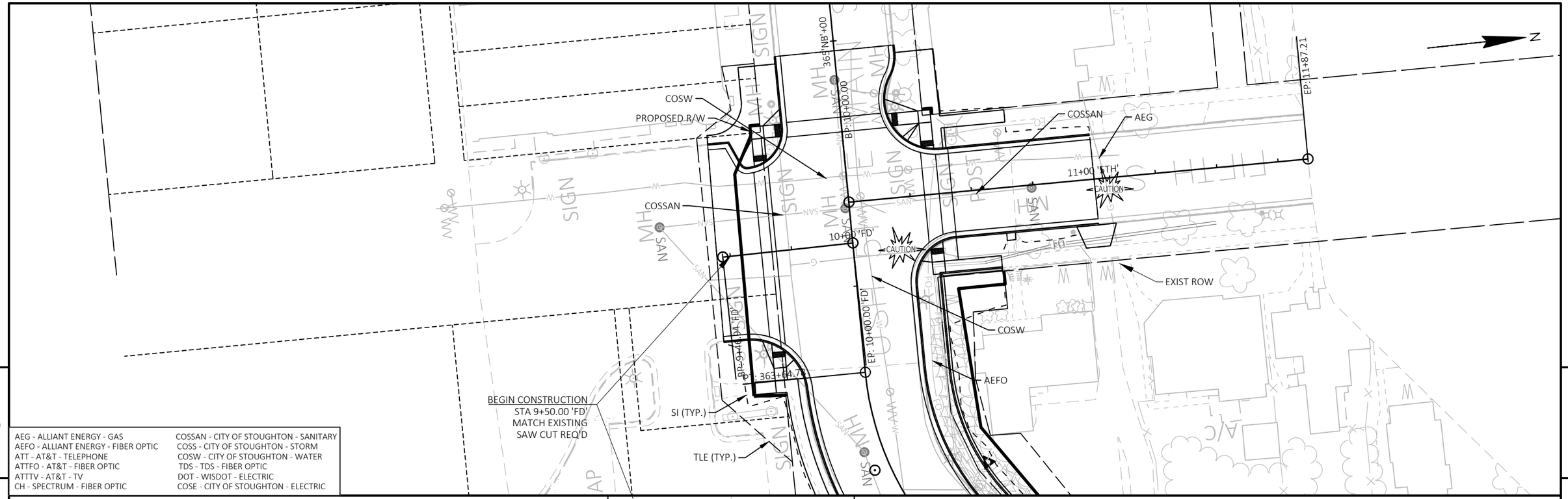
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: 6TH STREET	SHEET 261 E

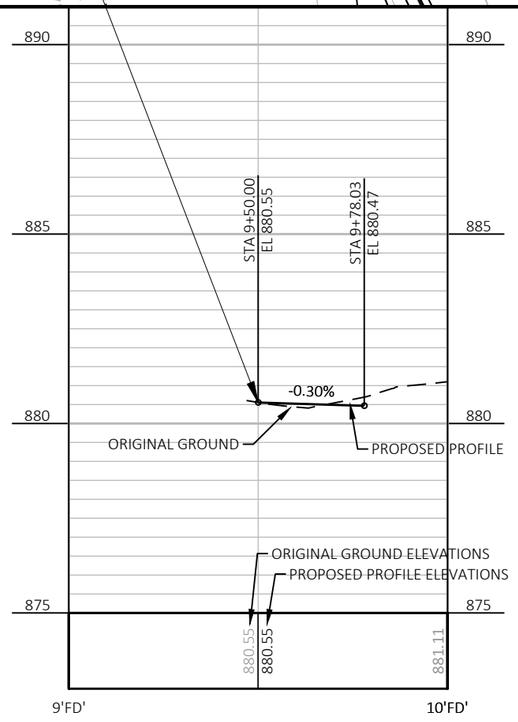




AEG - ALLIANT ENERGY - GAS	COSSAN - CITY OF STOUGHTON - SANITARY
AEFO - ALLIANT ENERGY - FIBER OPTIC	COSS - CITY OF STOUGHTON - STORM
ATT - AT&T - TELEPHONE	COSW - CITY OF STOUGHTON - WATER
ATTFO - AT&T - FIBER OPTIC	TDS - TDS - FIBER OPTIC
ATTTV - AT&T - TV	DOT - WISDOT - ELECTRIC
CH - SPECTRUM - FIBER OPTIC	COSE - CITY OF STOUGHTON - ELECTRIC

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: 5TH STREET	SHEET 262	E





PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: STOUGHTON FD DRIVEWAY	SHEET 263	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\050101-PP-SIDEROADS.DWG
LAYOUT NAME - 050142 - FD
PLOT DATE : 7/26/2024 3:31 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:40 FT

Standard Detail Drawing List

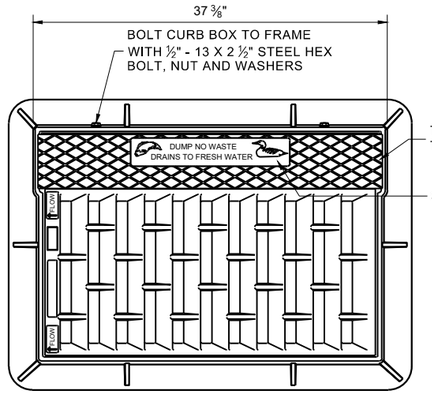
08A05-21A	INLET COVERS TYPE A, H, A-S, H-S & Z
08A05-21C	INLET COVERS TYPE F, HM, HM-S, S, T, HM-GJ & HM-GJ-S
08A05-21E	INLET COVER TYPE BW, MANHOLE COVERS, TYPE K, J, J-S, L & M
08B09-04	MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT, 10-FT DIAMETER
08C06-03	INLETS 3-FT AND 4-FT DIAMETER
08C07-03	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT, 2.5X3-FT & 2X3.5-FT
08D01-23A	CONCRETE CURB & GUTTER
08D01-23B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D04-07	CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES
08D05-21A	CURB RAMPS TYPES 1 AND 1-A
08D05-21B	CURB RAMPS TYPES 2 AND 3
08D05-21C	CURB RAMPS TYPES 4A AND 4A1
08D05-21D	CURB RAMPS TYPE 4B AND 4B1
08D05-21E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-21F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-21G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D18-04	DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y
08D19-04	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08D21-01	DRIVEWAYS WITHOUT CURB & GUTTER
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
09A01-14A	AT-GRADE SIDE ROAD INTERSECTION, TYPES "B1", "B2", "C" AND D AND TEE INTERSECTION BYPASS LANE
09B02-10	CONDUIT
09B16-02	PULL BOX NON-CONDUCTIVE
09C02-09	CONCRETE BASES, TYPES 1, 2, 5, & 6
09C03-04	TRANSFORMER/PEDESTAL BASES
09C06-07	CONCRETE CONTROL CABINET BASE, TYPE 9, SPECIAL
09C14-03	CONCRETE CONTROL CABINET BASE, TYPE L
09C15-01	CONCRETE BASE TYPE 10 SPECIAL
09D01-05	CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)
09D04-03	LIGHTING CONTROL CABINET 120/240 VOLT
09E01-15B	POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS, TYPE 3 (HEAVY DUTY)
09E01-15D	POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)
09E01-15G	HARDWARE DETAILS FOR POLE MOUNTINGS
09E08-09G	TYPE 10 SPECIAL POLE 40' MONOTUBE ARM
09E08-09K	GENERAL NOTES,HARDWARE DETAILS FOR TYPE 9/10,9/10 SPECIAL,12 & 13 POLES W/MONOTUBE ARMS
09F09-05	LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW CONCRETE PAVEMENT)
11B02-02	CONCRETE MEDIAN NOSE
12A03-10	NAME PLATE (STRUCTURES)
13A10-03A	SHOULDER RUMBLE STRIPS - ASPHALT
13A10-03G	SHOULDER AND EDGE LINE RUMBLE STRIPS - CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS
13A10-03H	SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES
13B01-11A	PAVEMENT DETAILS FOR RAILROAD APPROACH
13B01-11B	TYPICAL SECTIONS FOR RAILWAY APPROACH
13C01-19	CONCRETE PAVEMENT LONGITUDINAL JOINTS AND TIES
13C13-11	URBAN DOWELED CONCRETE PAVEMENT
13C18-08A	CONCRETE PAVEMENT JOINTING
13C18-08B	CONCRETE PAVEMENT STEEL REINFORCEMENT
13C18-08C	CONCRETE PAVEMENT JOINT TYPES
13C18-08D	CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES
13C19-03	HMA LONGITUDINAL JOINTS
15A03-02A	FLEXIBLE MARKER POST FOR CULVERT END
15A03-02B	FLEXIBLE MARKER POST FOR CULVERT END
15C02-09A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-09B	BARRICADES AND SIGNS FOR VARIOUS CLOSURES
15C02-09C	DETOUR SIGNING FOR MAINLINE CLOSURES
15C02-09H	MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING
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
15C07-15A	PAVEMENT MARKING SYMBOLS
15C07-15B	PAVEMENT MARKING WORDS
15C07-15C	PAVEMENT MARKING ARROWS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS

6

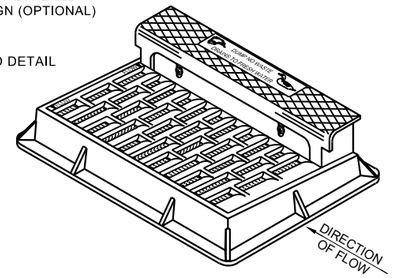
Standard Detail Drawing List

15C08-23D	PAVEMENT MARKING (TURN LANES)
15C09-13A	SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD-HIGHWAY GRADE CROSSINGS
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C18-08A	MEDIAN ISLAND MARKING PAVEMENT MARKINGS
15C18-08B	MEDIAN ISLAND MARKING MEDIAN ISLAND NOSE
15C18-08C	MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT
15C33-05	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-06A	PAVEMENT MARKING (INTERSECTIONS)
15C36-01	PARKING STALL MARKING
15D30-09A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09B	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09D	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09E	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09F	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09G	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09H	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09I	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09J	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09K	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-09L	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS

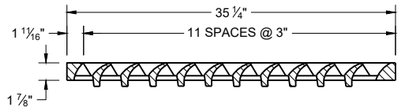
6

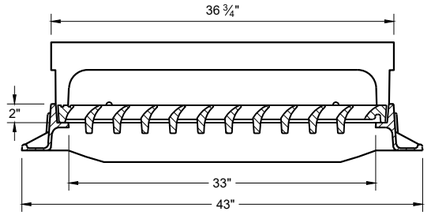


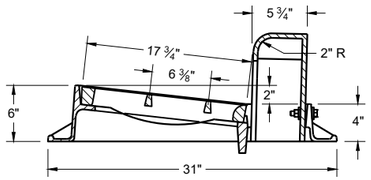
NOTE: EITHER CASTING IS ACCEPTABLE

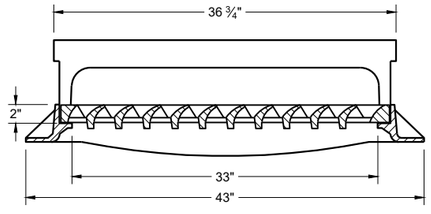


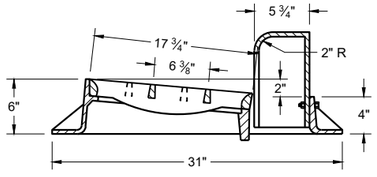
NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"







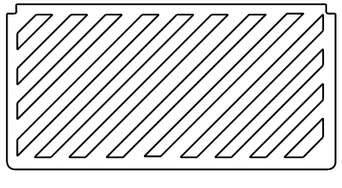




TYPE "H"

NOTE: EITHER CASTING IS ACCEPTABLE

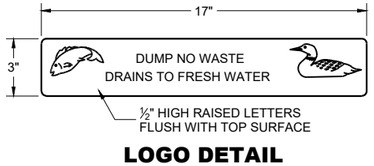
1 1/8" DIAGONAL BARS WITH 1 5/8" OPENINGS



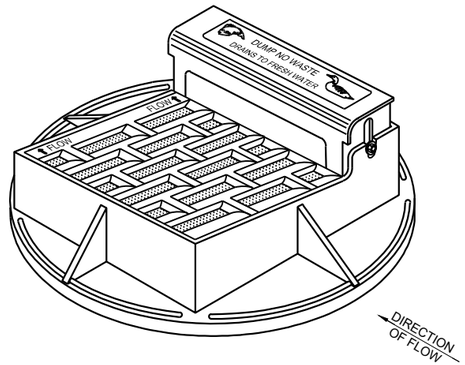
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

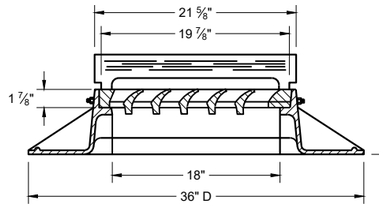


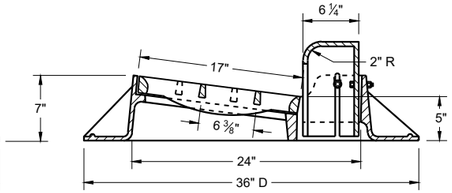
LOGO DETAIL



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" - 9"

NOTE: EITHER CASTING IS ACCEPTABLE





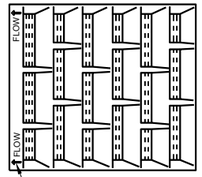
TYPE "A"

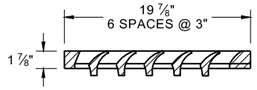
GENERAL NOTES

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

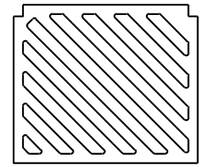
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

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





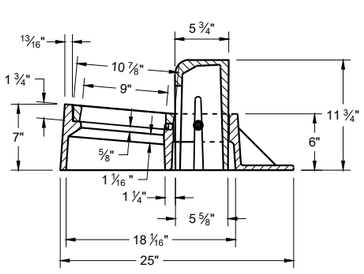
1" DIAGONAL BARS WITH 1 1/2" OPENINGS



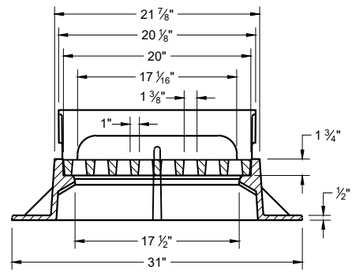
SPECIAL GRATE FOR TYPE "A" COVER

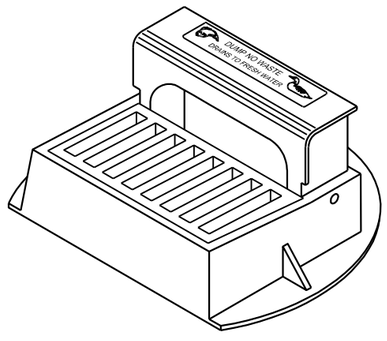
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)



TYPE "Z"





INLET COVERS
TYPES A, H, A-S, H-S AND Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

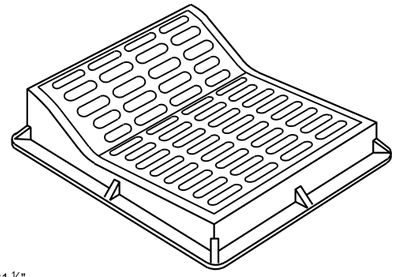
/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

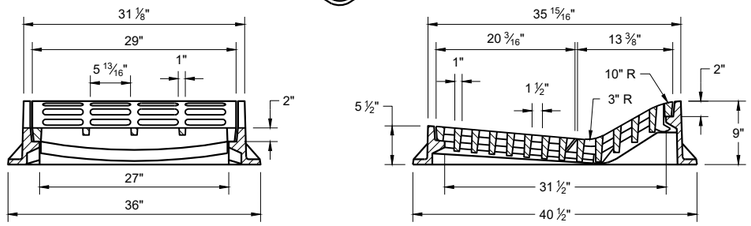
FHWA

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.

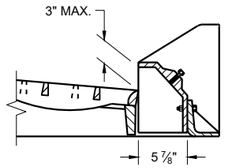
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.





TYPE "F"

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

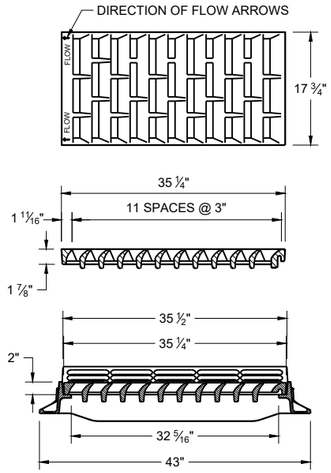


ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

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

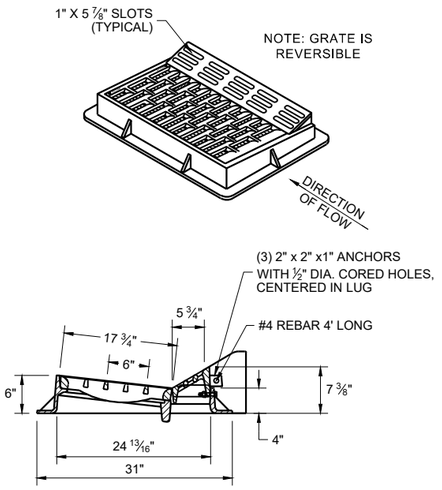
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

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



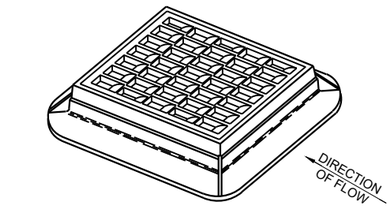
TYPE "HM"

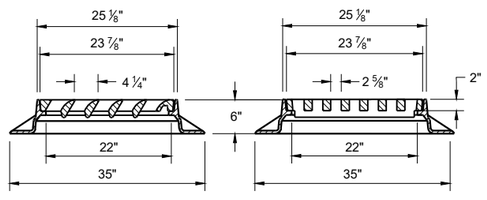
USE WITH TYPES "A" AND "D" CONCRETE CURB AND GUTTER, 36"



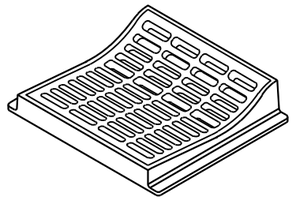
NOTE:
SPECIAL GRATE FOR THE TYPE "H" COVER MAY ALSO BE USED FOR THE TYPE "HM-GJ" COVER.

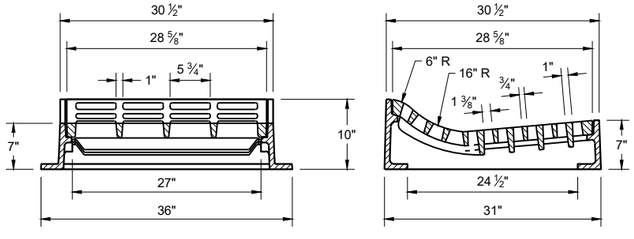
NOTED AS TYPE HM-GJ-S ON THE DRAINAGE TABLE.





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
December 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

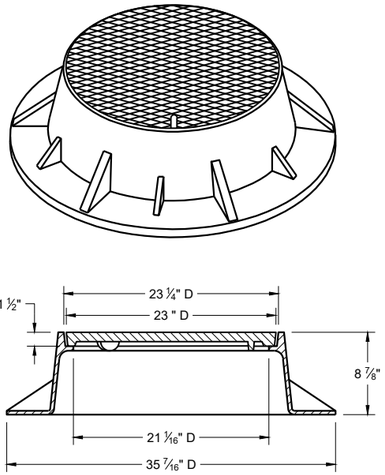
6
SDD 08A05-21c

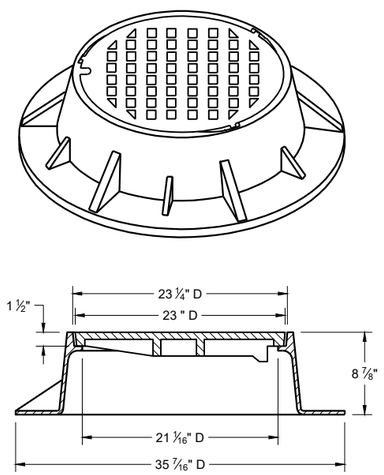
GENERAL NOTES

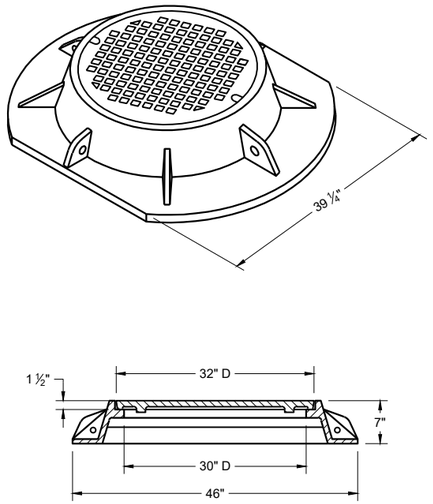
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR MANHOLE COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

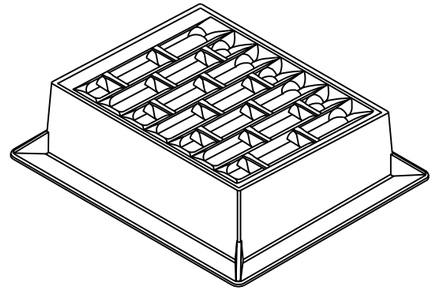
ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

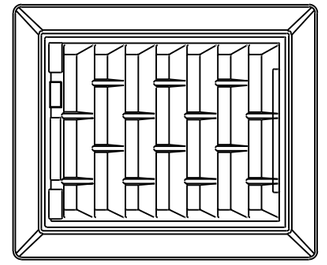


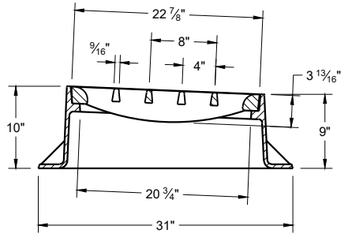


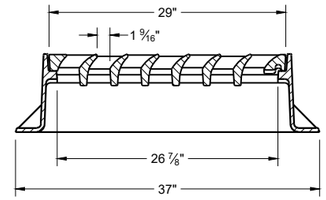


TYPE "K"

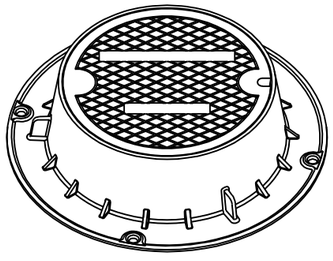


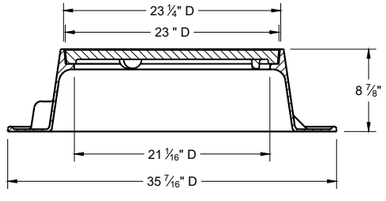






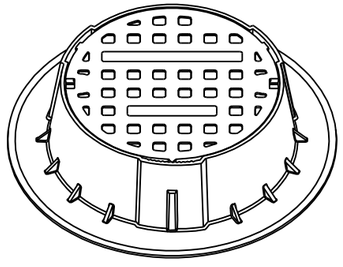
INLET COVER TYPE "BW"

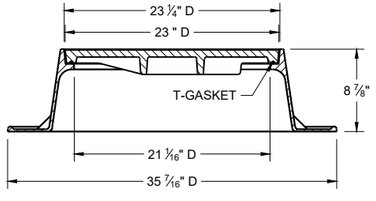




TYPE "J"

NOTE: EITHER CASTING IS ACCEPTABLE

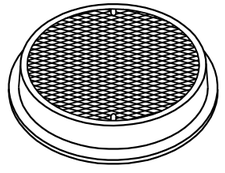


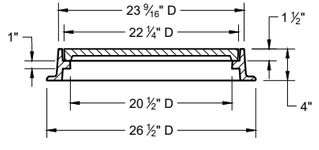


TYPE "J" SPECIAL

TYPE "B" NON-ROCKING SELF-SEAL LID
(NOTED AS TYPE J-S ON THE DRAINAGE TABLE)

NOTE: EITHER CASTING IS ACCEPTABLE





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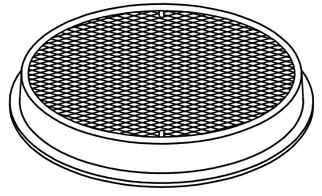

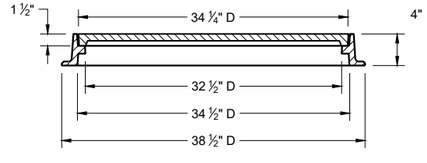

TYPE "M"

INLET COVERS TYPES BW
MANHOLE COVERS TYPES K, J, J-S, L, AND M

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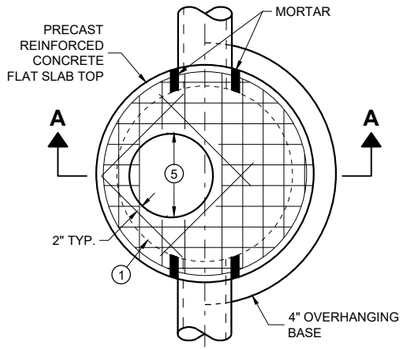
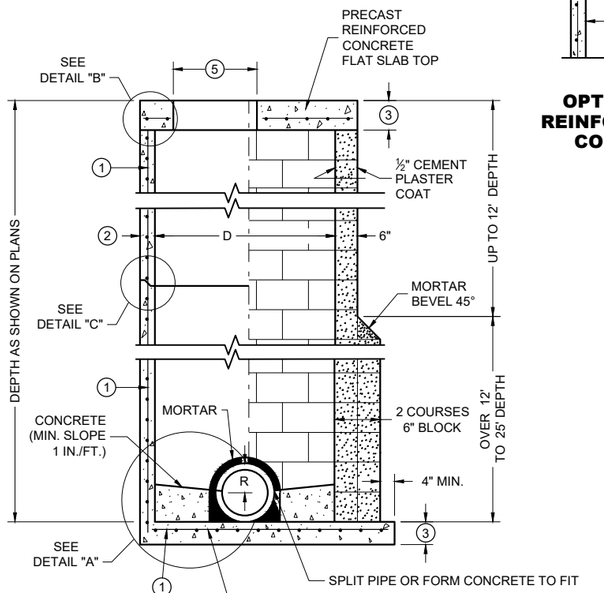


PLAN VIEW

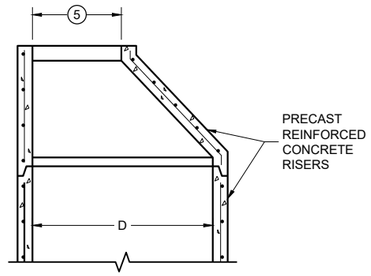
CIRCULAR OPENING



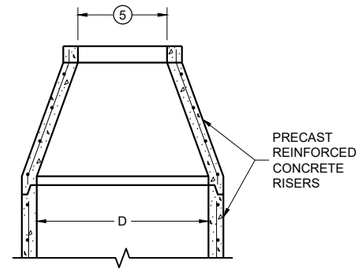
SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

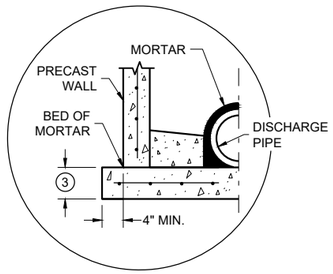
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)



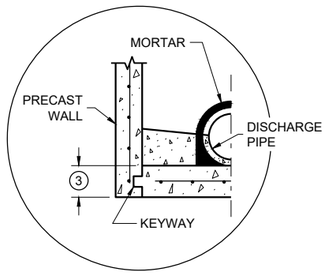
OPTIONAL PRECAST REINFORCED CONCRETE ECCENTRIC TOP



OPTIONAL PRECAST REINFORCED CONCRETE CONCENTRIC TOP

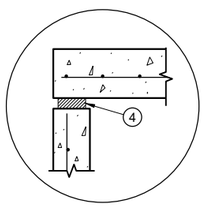


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

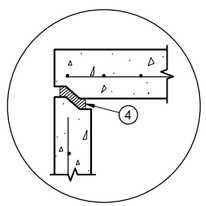


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

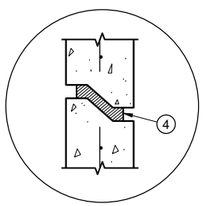
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

MANHOLE COVER OPENING MATRIX

OPENING SIZE (FT.) (5) \ MANHOLE COVER TYPE	C	ALL J'S	K	L	M
2 DIA.	X	X		X	
3 DIA.			X		X

PIPE MATRIX

MANHOLE SIZE (DIA.)	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES		MINIMUM WALL THICKNESS (IN)	MINIMUM PRECAST FLAT SLAB TOP AND BASE THICKNESS
	180° SEPARATION (IN)	90° SEPARATION (IN)		
3-FT	15	12	4	6
4-FT	24	18	4	6
5-FT	36	24	5	8
6-FT	42	36	6	8
7-FT	48	36/42 *	7	8
8-FT	60	42	8	8
9-FT	66	54	9	10
10-FT	72	60	10	10

*A 36" PIPE AND A 42" PIPE CAN BE PLACED WITHIN 90 DEGREES. SEE MINIMUM HORIZONTAL PIPE SEPARATION DETAIL.

GENERAL NOTES

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

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST MANHOLE UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

PRECAST REINFORCED CONCRETE CONE TOPS (ECCENTRIC OR CONCENTRIC) OR PRECAST REINFORCED CONCRETE FLAT SLAB TOPS MAY BE USED ON CONCRETE BLOCK STRUCTURES.

ECCENTRIC CONE TOPS MAY BE USED ON ALL STRUCTURES. CONCENTRIC CONE TOPS SHALL BE USED ONLY ON STRUCTURES 5 FEET OR LESS IN DEPTH UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEPS MEETING AASHTO M199 AND THE FOLLOWING REQUIREMENTS SHALL BE INSTALLED IN ALL STRUCTURES OVER 5 FEET IN DEPTH: 16 INCH C-C MAXIMUM SPACING; PROJECT A MINIMUM CLEAR DISTANCE OF 4 INCHES FROM THE WALL AT THE POINT OF EMBEDMENT; MINIMUM LENGTH OF 10 INCHES; MINIMUM WALL EMBEDMENT OF 3 INCHES. FERROUS METAL STEPS NOT PAINTED OR TREATED TO RESIST CORROSION SHALL HAVE A MINIMUM CROSS SECTIONAL IMENSION OF 1 INCH.

STEPS OF APPROVED POLYPROPYLENE PLASTIC COATED REINFORCEMENT BAR ARE ACCEPTABLE. REINFORCING BAR MUST BE A MINIMUM OF ½ INCH AND MEET THE REQUIREMENTS OF ASTM A615.

CERTIFICATION SHALL BE PROVIDED THAT INSTALLED STEPS WHEN TESTED IN ACCORDANCE WITH SECTION 10 OF AASHTO T280 CAN WITHSTAND A VERTICAL LOAD OF 800 LBS. AND A HORIZONTAL LOAD OF 400 LBS.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

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

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

CONCRETE BLOCK WILL NOT BE PERMITTED FOR STRUCTURES GREATER THAN 4 FEET IN DIAMETER.

4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

FOR ADDITIONAL CONFIGURATIONS, MAINTAIN A MINIMUM OF 12 INCHES AS MEASURED FROM THE INSIDE OF THE STRUCTURE WALL BETWEEN THE OUTSIDE PIPE WALLS OF ADJACENT PIPES. SEE DETAIL "D".

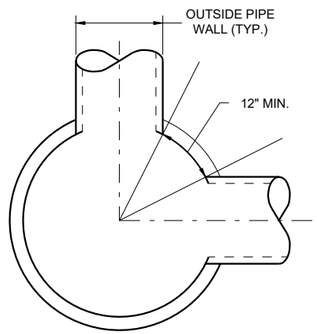
(1) FOR PRECAST MANHOLES AND REINFORCED CONCRETE BASES PROVIDE REINFORCING STEEL IN ACCORDANCE TO AASHTO M199.

(2) SEE PIPE MATRIX TABLE FOR MINIMUM WALL THICKNESS FOR PRECAST MANHOLES

(3) SEE PIPE MATRIX TABLE FOR MINIMUM THICKNESS OF PRECAST FLAT SLAB TOPS AND BASES.

(4) JOINTS TO BE SEALED WITH A BUTYL RUBBER SEAL PER SEALANT MANUFACTURERS RECOMMENDATIONS CONFORMING TO ASTM C 990 OR RUBBER GASKETS CONFORMING TO ASTM C443.

(5) SEE MANHOLE COVER OPENING MATRIX.



MINIMUM HORIZONTAL PIPE SEPARATION

DETAIL "D"

MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

MANHOLES, 3-FT, 4-FT 5-FT, 6-FT, 7-FT, 8-FT, 9-FT AND 10-FT DIAMETER

STATE OF WISCONSIN
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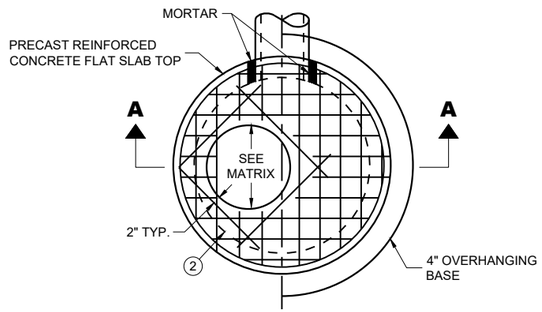
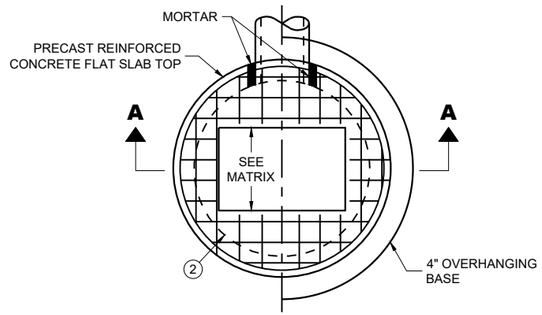
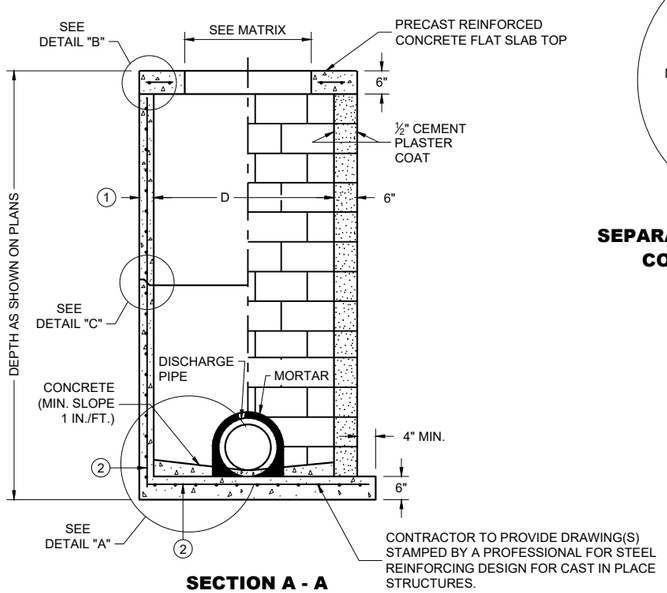


PLAN VIEW CIRCULAR OPENING



PLAN VIEW RECTANGULAR OPENING



SECTION A - A

PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (2)

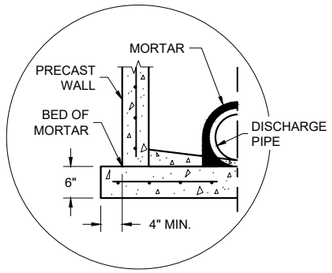
CIRCULAR INLETS WITH FLAT TOP

CATCH BASIN COVER OPENING MATRIX

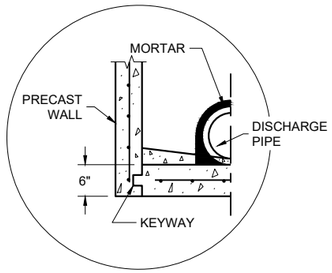
INLET SIZE	INLET COVER TYPE	ALL A'S	ALL B'S	BW	C	F	ALL H'S	S	T	V	WM	Z
	OPENING SIZE (FT.)											
3-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
4-FT	2 DIA.				X							X
	2 X 2	X	X					X		X		
	2 X 2.5			X				X	X	X	X	
	2 X 3						X					
	2.5 X 3					X						

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

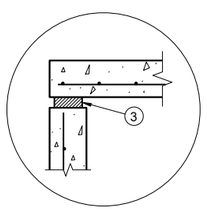


SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

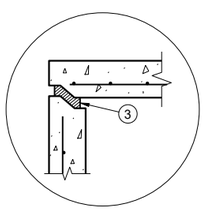


PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE OPTION

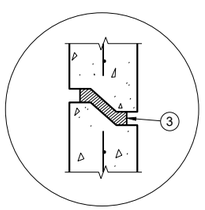
DETAIL "A"



TOP WITH PLAIN END JOINT



TOP WITH TONGUE AND GROOVE JOINT



RISER WITH TONGUE AND GROOVE JOINT

DETAIL "B"

DETAIL "C"

GENERAL NOTES

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ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATE THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

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.

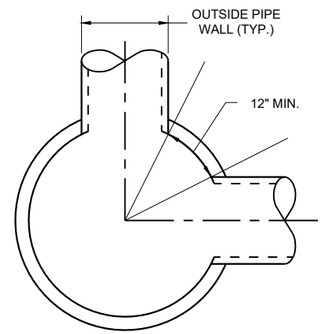
4" OVERHANGING BASES ARE REQUIRED FOR ALL CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

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 DIAMTER 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

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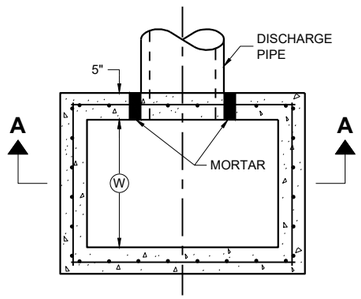
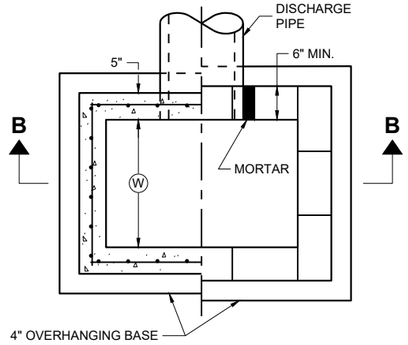
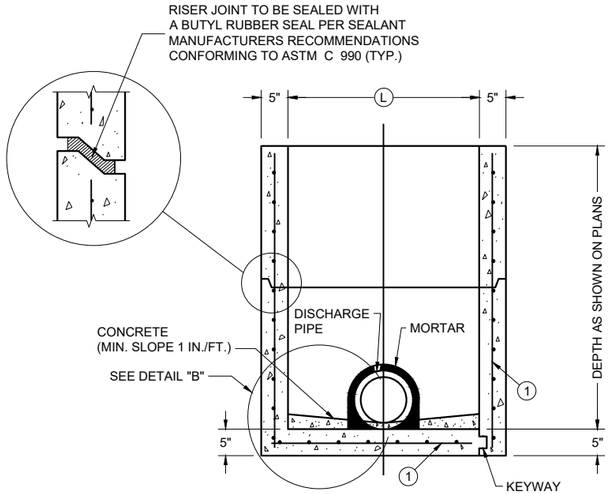


PLAN VIEW



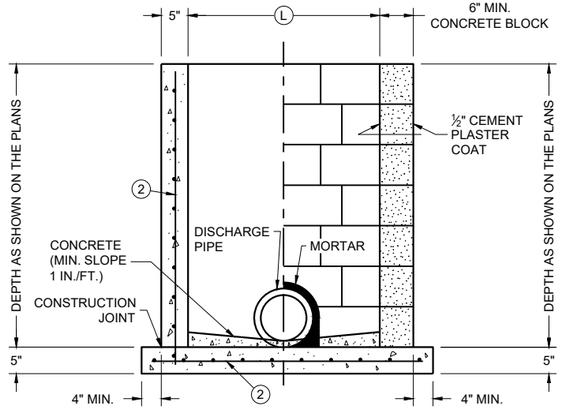
PLAN VIEW



PRECAST REINFORCED CONCRETE WITH MONOLITHIC BASE

PRECAST REINFORCED CONCRETE WITH INTEGRAL BASE

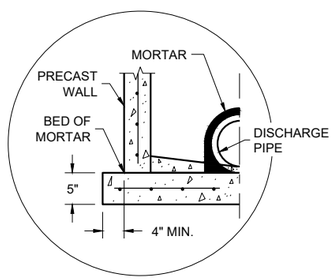
SECTION A - A



CAST IN PLACE REINFORCED CONCRETE

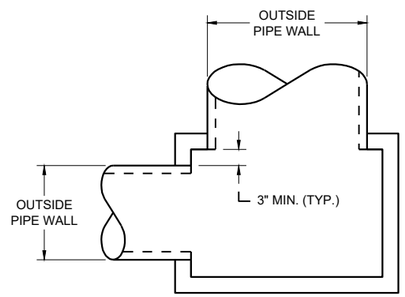
CONCRETE BLOCK WITH CAST IN PLACE OR PRECAST REINFORCED CONCRETE BASE (1)

SECTION B - B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

DETAIL "B"



DETAIL "A"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP N0T SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

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

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS. 4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED. OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3" 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.

CATCH BASIN COVER MATRIX

INLET SIZE	WIDTH (W) (FT.)	LENGTH (L) (FT.)	INLET COVER TYPE									
			ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM	V V-B
2 X 2-FT	2	2	X	X				X				
2 X 2.5-FT	2	2.5			X			X	X	X	X	
2 X 3-FT	2	3					X					
2.5 X 3-FT	2.5	3				X						
2 X 3.5-FT	2	3.5										X

PIPE MATRIX

CATCH BASIN SIZE	MAXIMUM INSIDE PIPE DIAMETER FOR TWO PIPES	
	WIDTH (IN)	LENGTH (IN)
2 X 2-FT	12	12
2 X 2.5-FT	12	18
2 X 3-FT	12	24
2.5 X 3-FT	18	24
2 X 3.5-FT	12	30

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2X3.5-FT

INLETS 2 X 2-FT, 2 X 2.5-FT, 2 X 3-FT, 2.5 X 3-FT AND 2 X 3.5-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

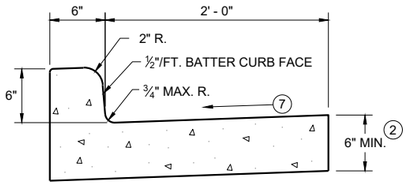
FHWA

6

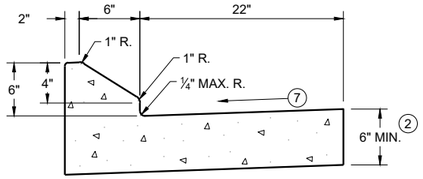
SDD 08C07-03

6

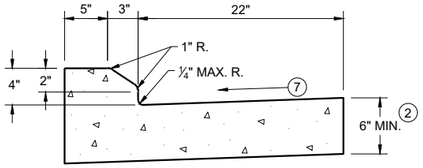
SDD 08C07-03



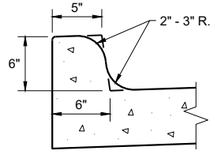
TYPES A (1) & D



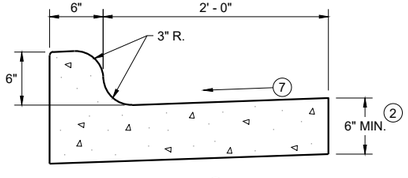
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

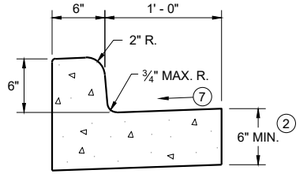


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



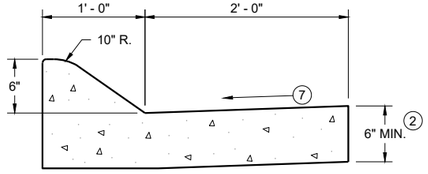
TYPES K (1) & L

CONCRETE CURB AND GUTTER 30"

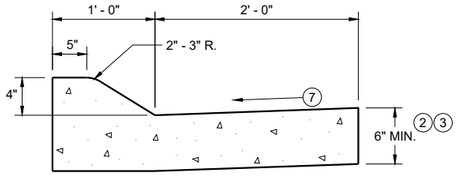


TYPES A (1) & D

CONCRETE CURB AND GUTTER 18"

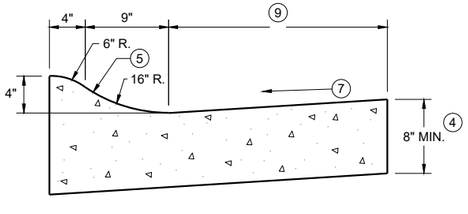


6" SLOPED CURB TYPES A (1) & D



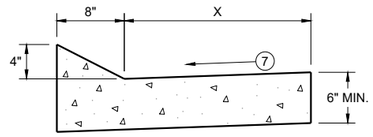
4" SLOPED CURB TYPES A (1) & D

CONCRETE CURB AND GUTTER 36"



4" SLOPED CURB TYPES R (1) & T

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

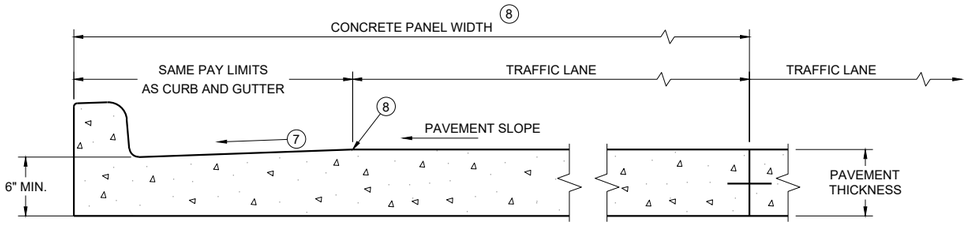


TYPES TBT & TBTT (1)

CONCRETE CURB AND GUTTER

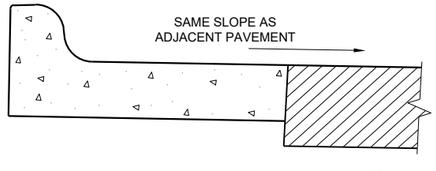
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

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



PARTIAL SECTION OF PAVEMENT * WITH INTEGRAL CURB AND GUTTER

* BIKE LANE IS NOT SHOWN



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

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB AND GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB AND GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) UNLESS OTHERWISE NOTED, FOR STAKING PURPOSES THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

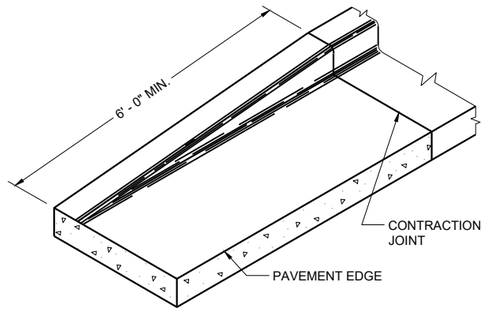
(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

(9) CONCRETE CURB AND GUTTER 4-INCH SLOPED 30-INCH TYPE "R" AND "T" = 17 INCHES
CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE "R" AND "T" = 23 INCHES

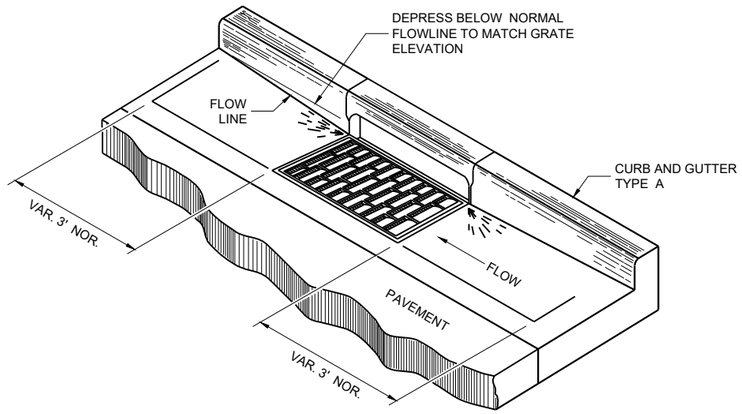
CONCRETE CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D01-23a



END SECTION CURB AND GUTTER



DETAIL OF CURB AND GUTTER AT INLETS

(TYPICAL H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

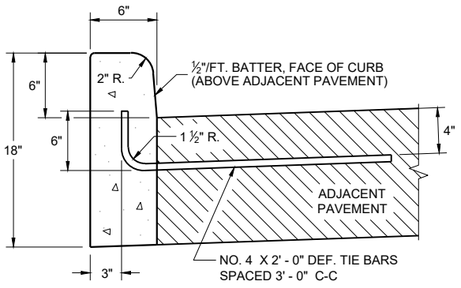
UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2' - 0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.

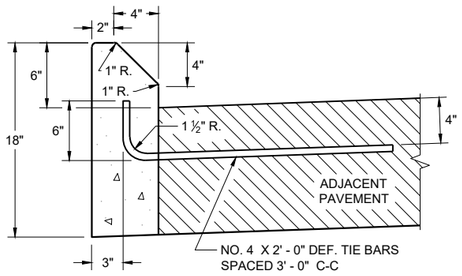
(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(10) REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

(11) PLACE 1" THICK EXPANSION JOINT MATERIAL BETWEEN VERTICAL FACE CURB TYPES EXTENDING FROM THE TOP OF CURB TO 1 INCH BELOW THE ADJOINING CONCRETE SURFACE. RIGID CONCRETE STRUCTURES INCLUDE RAISED CONCRETE MEDIANS, CONCRETE SAFETY ISLANDS, SPLITTER ISLANDS, OR LOCATIONS IDENTIFIED ON THE PLANS.

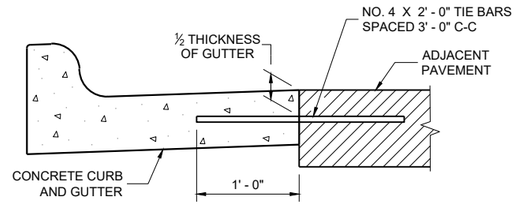


TYPES A (1) & D

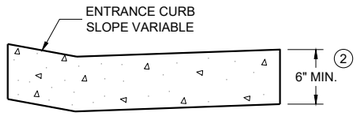


TYPES G (1) & J

CONCRETE CURB

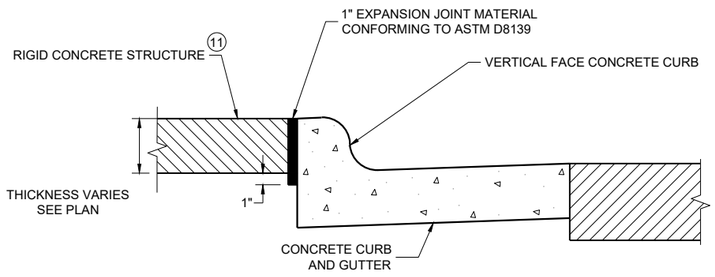


TYPICAL TIE BAR LOCATION (1)

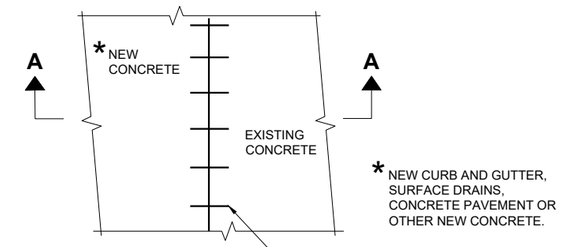


DRIVEWAY ENTRANCE CURB (10)

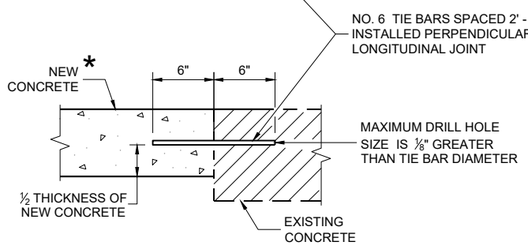
(WHEN DIRECTED BY THE ENGINEER)



EXPANSION JOINT DETAIL FOR VERTICAL CURB ABUTTING A RIGID STRUCTURE (11)



PLAN VIEW



SECTION A - A

TIE BARS DRILLED INTO EXISTING PAVEMENT

CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Rodnery Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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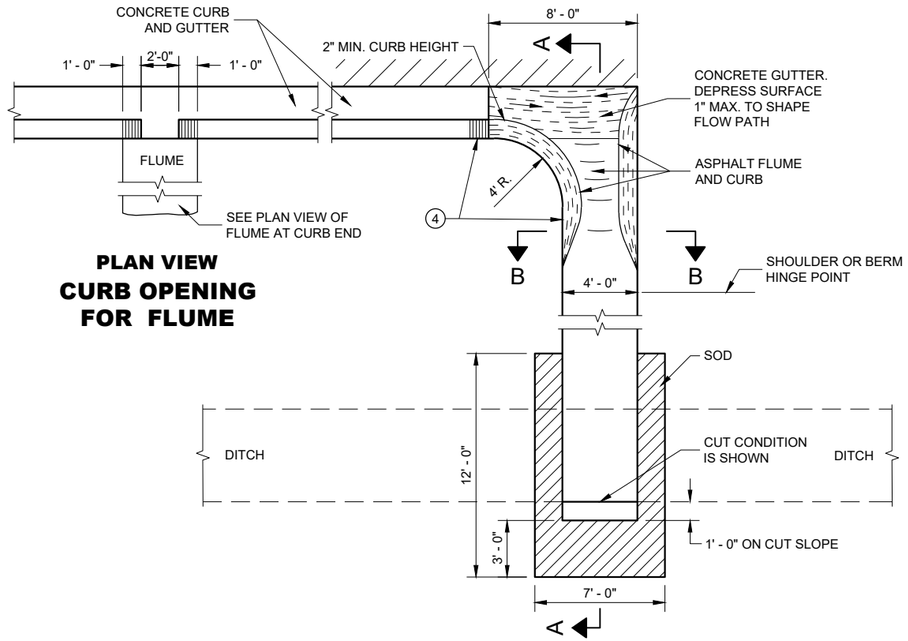
SDD 08D01-23b

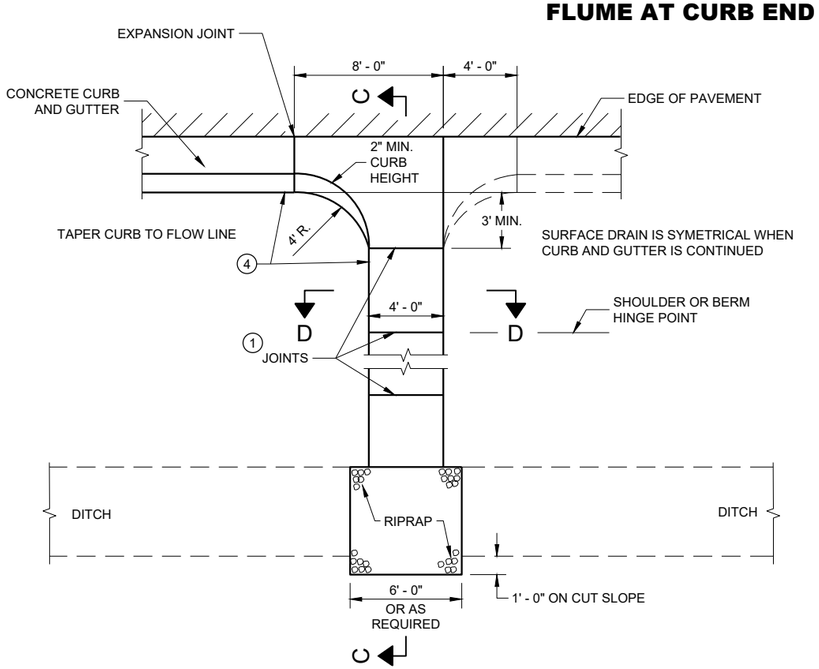
NOTE: TAPER CURB ENDS TO GUTTER IN 1' - 0"

ASPHALTIC FLUME



PLAN VIEW
CURB OPENING FOR FLUME

PLAN VIEW
FLUME AT CURB END



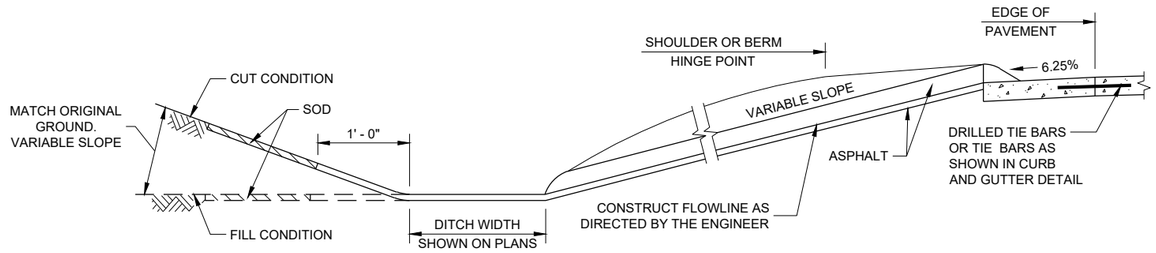
PLAN VIEW
CONCRETE SURFACE DRAIN

GENERAL NOTES

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

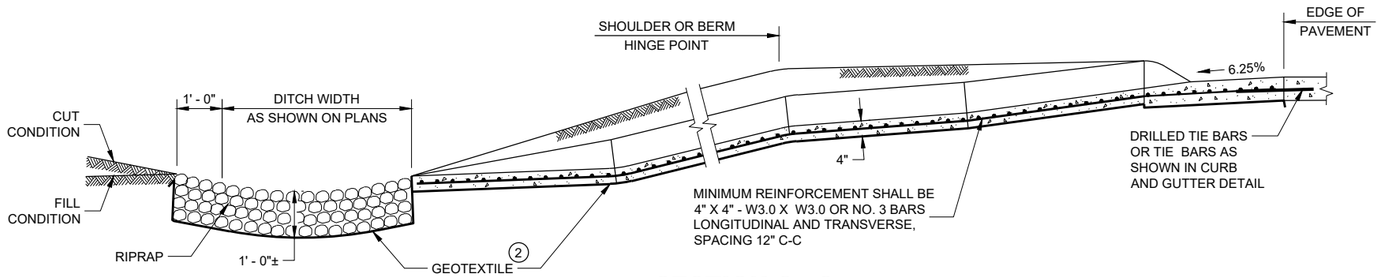
4" X 4" - W3.0 X W3.0 CONCRETE REINFORCEMENT SHALL BE IN ACCORDANCE WITH AASHTO SPECIFICATION M55.

1. JOINTS SHALL BE ⅛" TO ¼" WIDE BY 1½" DEEP AND SPACED AT UNIFORM INTERVALS OF APPROXIMATELY 4 FEET.
2. GEOTEXTILE TYPE "R" SHALL UNDERLAY THE FULL LENGTH AND WIDTH OF THE CONCRETE SURFACE DRAIN AND RIPRAP.
3. CONCRETE SURFACE DRAIN WITHOUT CURB AND GUTTER MAY BE USED ON BACKSLOPES WHEN SPECIFIED.
4. ANGLE OF FLUME IN RELATION TO BACK OF CURB TO BE CONSTRUCTED PER THE PLAN DETAILS OR AS DIRECTED BY THE ENGINEER. ANGLE OF FLUME MAY BE OTHER THAN 90 DEGREES AS SHOWN.

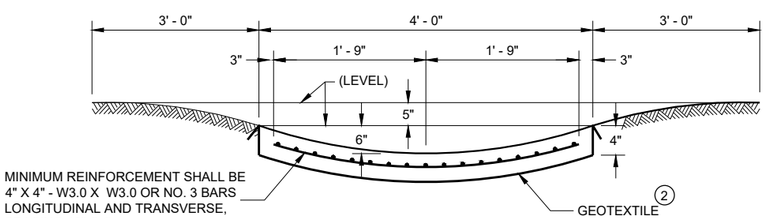


SECTION A - A

SECTION B - B



SECTION C - C



SECTION D - D

CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

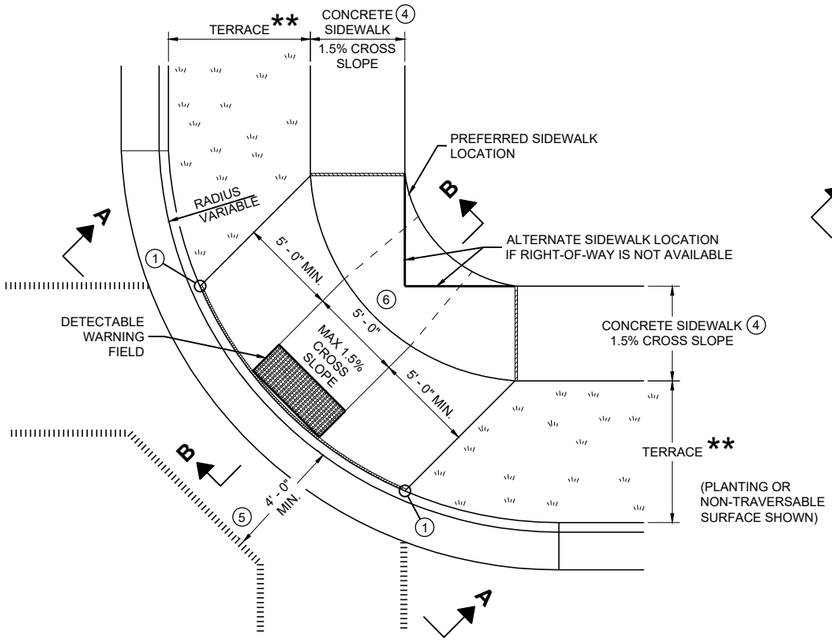
APPROVED
May 2023
DATE

/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

6

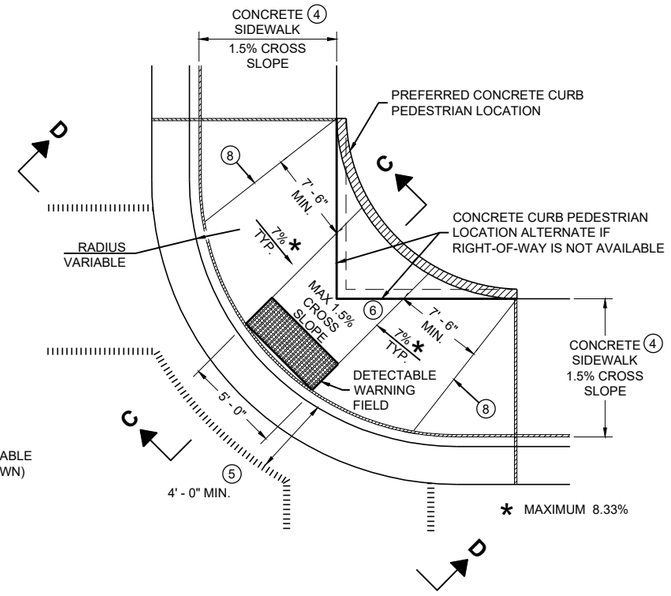
SDD 08D04 - 07



PLAN VIEW

CURB RAMP TYPE 1

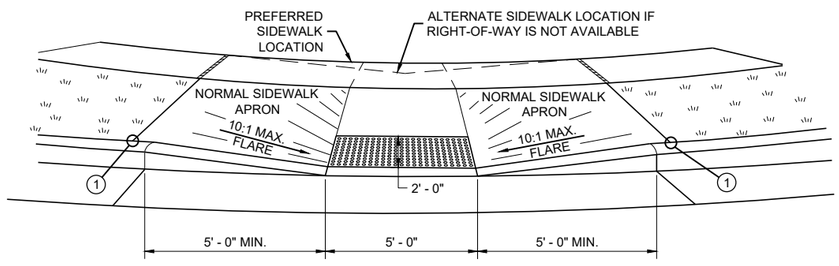
(CENTER OF CORNER RADIUS)



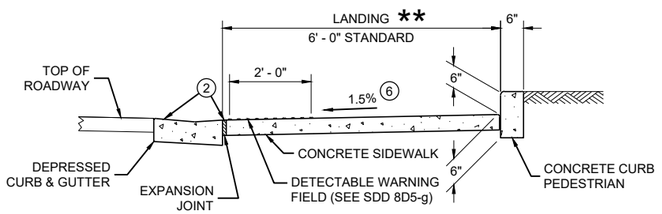
PLAN VIEW

CURB RAMP TYPE 1 - A

(NO TERRACE)

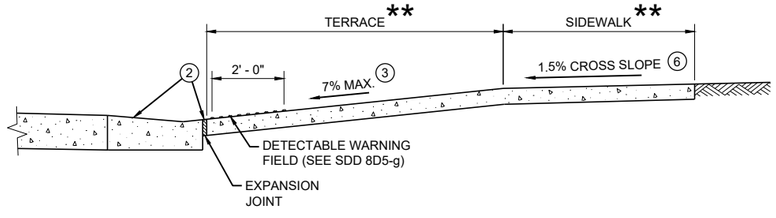


VIEW A - A FOR TYPE 1

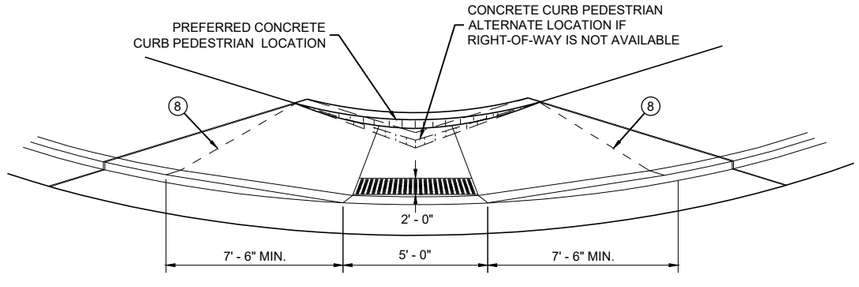


SECTION C - C FOR TYPE 1 - A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B - B FOR TYPE 1



VIEW D - D FOR TYPE 1 - A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 CURB RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FILED SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAR FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD"

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ½ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) MAXIMUM 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA. 4 FOOT WIDTH IS MEASURED FROM THE FLANGE LINE

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

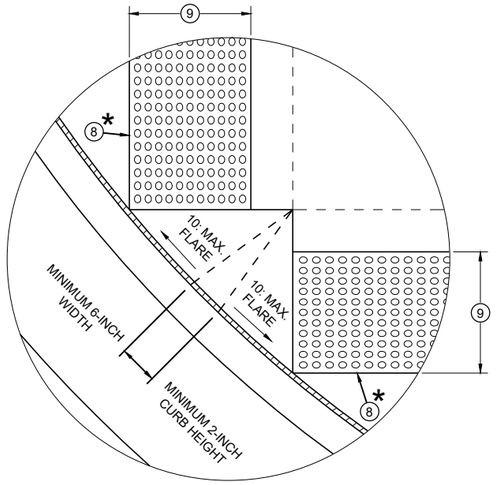
(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

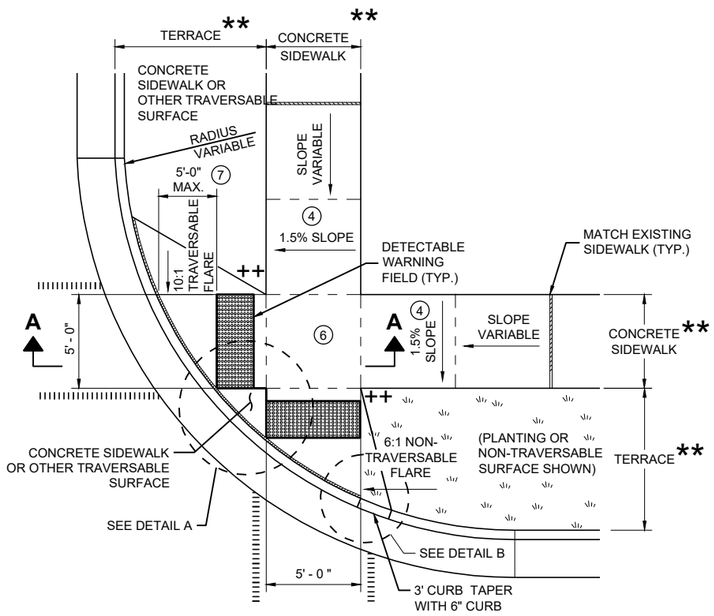
- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 1 AND 1-A

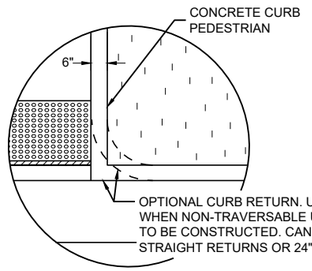
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



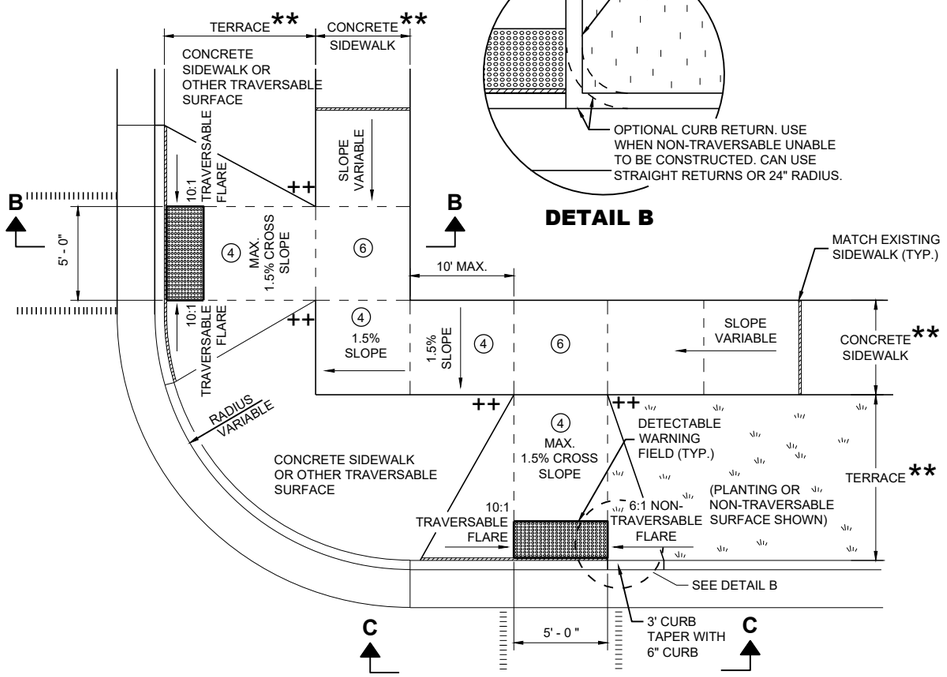
DETAIL A



PLAN VIEW
CURB RAMP TYPE 2
(CENTER OF CORNER RADIUS)



DETAIL B



PLAN VIEW
CURB RAMP TYPE 3
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE (2.67% OR LESS) AND NOT TO EXCEED 11% GRADE CHANGE.

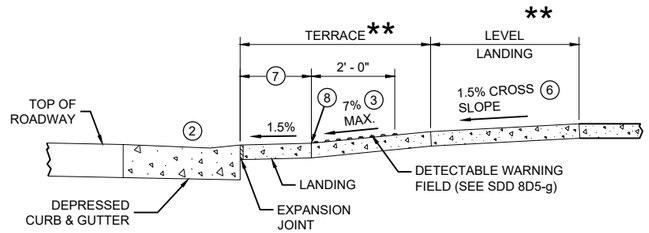
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN DISTANCE IS LESS THAN 6' - 0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

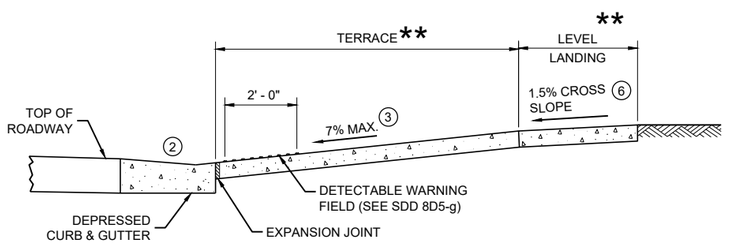


SECTION A - A FOR TYPE 2

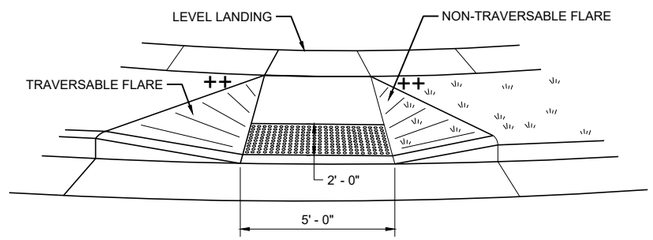
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



SECTION B - B FOR TYPE 3



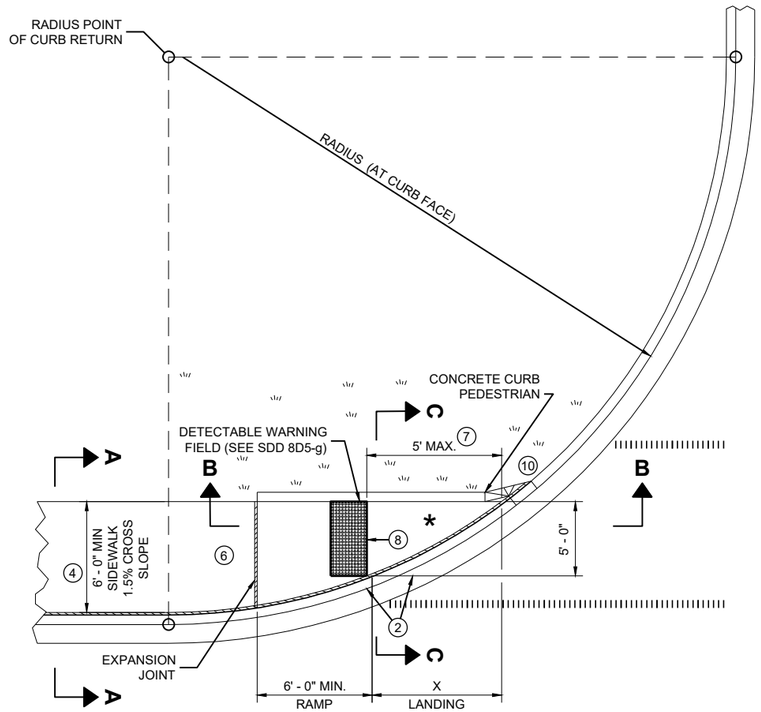
VIEW C - C FOR TYPE 3

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

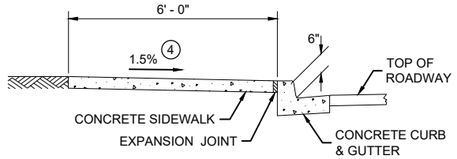


PLAN VIEW

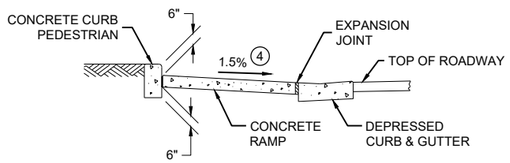
CURB RAMP TYPE 4A

RADIUS (AT CURB FACE)	X
10 FEET	4' - 7"

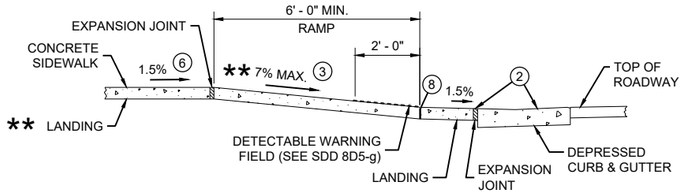
INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A - A FOR TYPE 4A

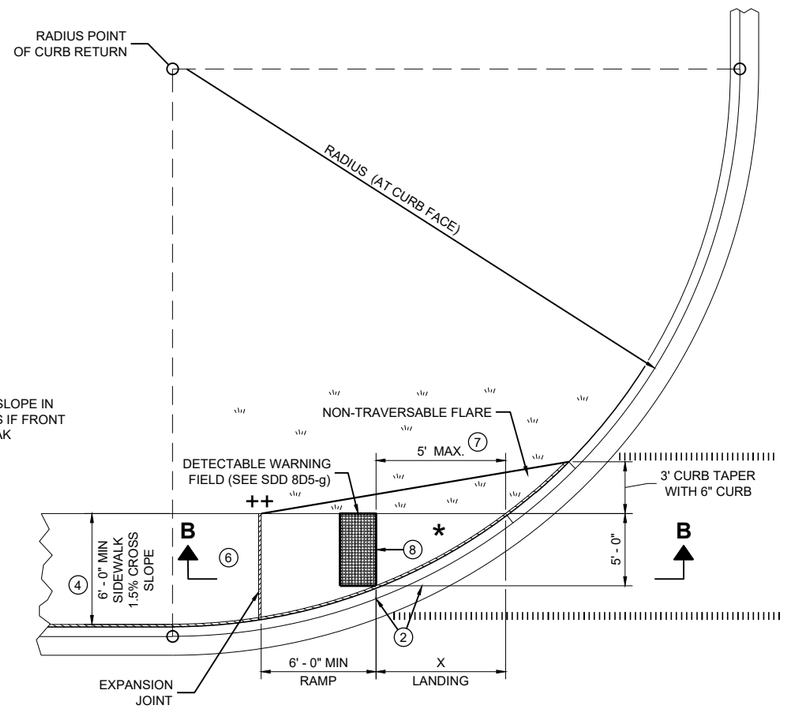


SECTION C - C FOR TYPE 4A



SECTION B - B FOR TYPE 4A AND TYPE 4A1

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED



* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

PLAN VIEW

CURB RAMP TYPE 4A1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

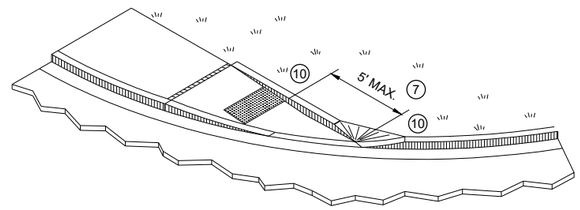
(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

LEGEND

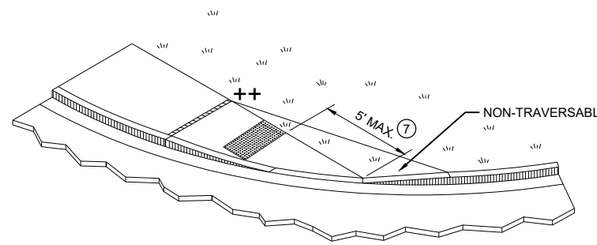
½" EXPANSION JOINT SIDEWALK

CONTRACTION JOINT SIDEWALK

PAVEMENT MARKING CROSSWALK (WHITE)



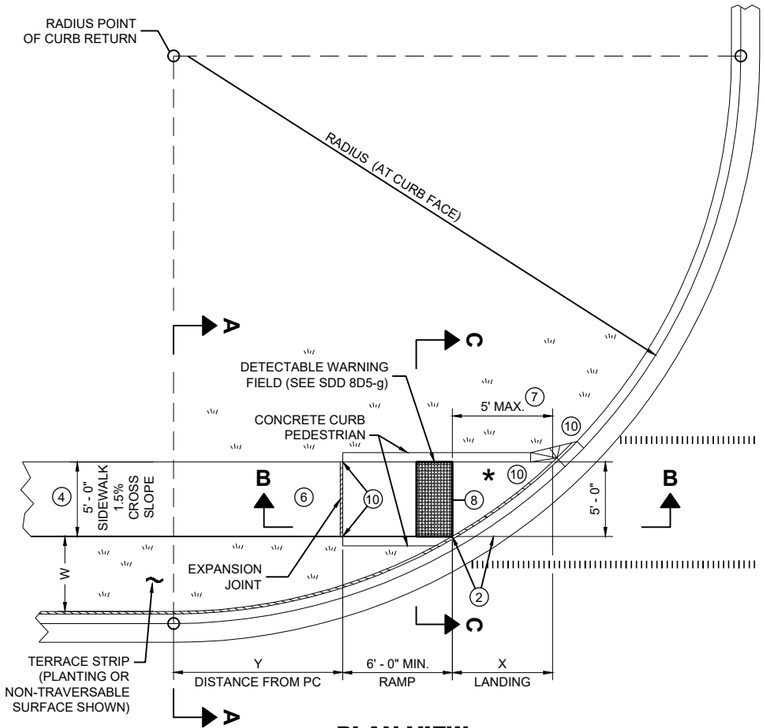
ISOMETRIC VIEW FOR TYPE 4A



ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS
TYPE 4A AND 4A1

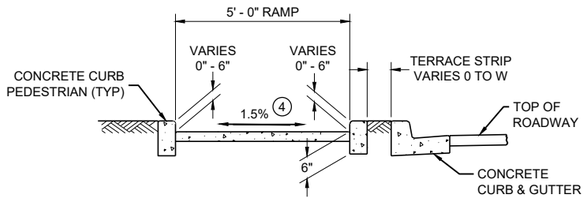
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PLAN VIEW
CURB RAMP TYPE 4B

RADIUS (AT CURB FACE)	W = 3' - 0"		W = 4' - 0"		W = 5' - 0"		W = 6' - 0"		W = 7' - 0"		W = 8' - 0"		W = 9' - 0"		W = 10' - 0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2' - 10 1/4"	0' - 5"	2' - 1"	1' - 4 1/2"	1' - 5"	2' - 1"	0' - 10"	2' - 7 1/2"	0' - 3 1/4"	3' - 0 1/4"						
15 FEET	4' - 6 3/4"	2' - 1 3/4"	3' - 9"	3' - 5 3/4"	3' - 1 1/4"	4' - 6"	2' - 6 3/4"	5' - 4 1/2"	2' - 1"	6' - 1"	1' - 8"	6' - 8 1/2"	1' - 3 1/4"	7' - 2 1/2"	0' - 10 3/4"	7' - 7 1/4"
20 FEET			4' - 11 1/2"	5' - 1 3/4"	4' - 3 1/4"	6' - 5 1/2"	3' - 8 3/4"	7' - 7"	3' - 3"	8' - 6 1/2"	2' - 10"	9' - 4 1/2"	2' - 5 1/2"	10' - 1 1/4"	2' - 1 1/4"	10' - 9"
30 FEET									4' - 10 3/4"	12' - 5 3/4"	4' - 5 1/2"	13' - 7 3/4"	4' - 0 3/4"	14' - 8 1/2"	3' - 8 1/2"	15' - 8 1/4"
40 FEET															4' - 10 3/4"	19' - 8 1/4"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C - C FOR TYPE 4B

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

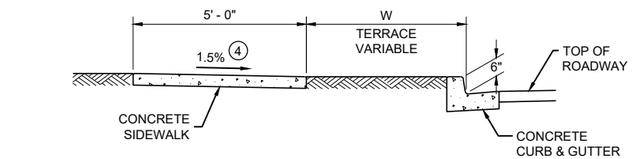
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

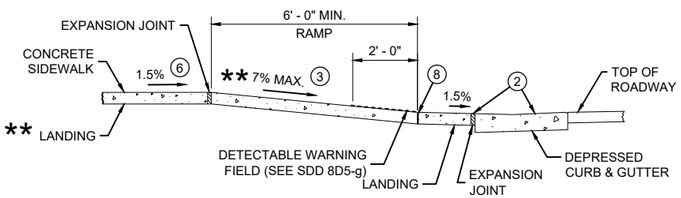
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



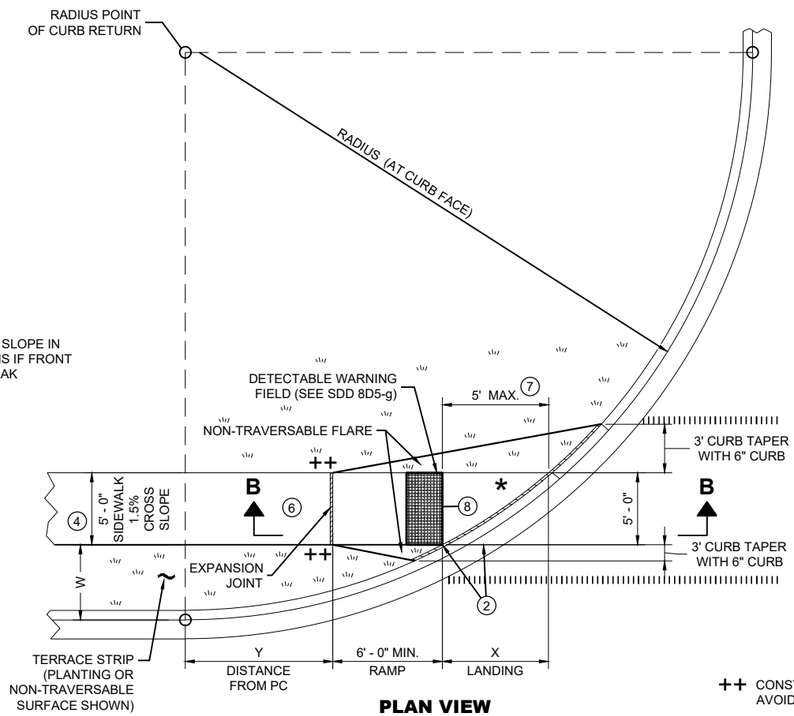
SECTION A - A FOR TYPE 4B



SECTION B - B FOR TYPE 4B AND TYPE 4B1

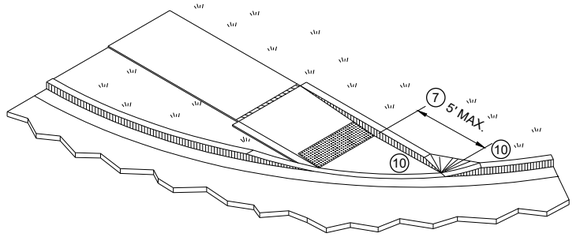
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IF FRONT OF GRADE BREAK

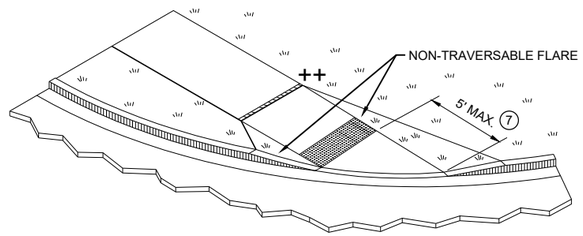


PLAN VIEW
CURB RAMP TYPE 4B1

++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE



ISOMETRIC VIEW FOR TYPE 4B

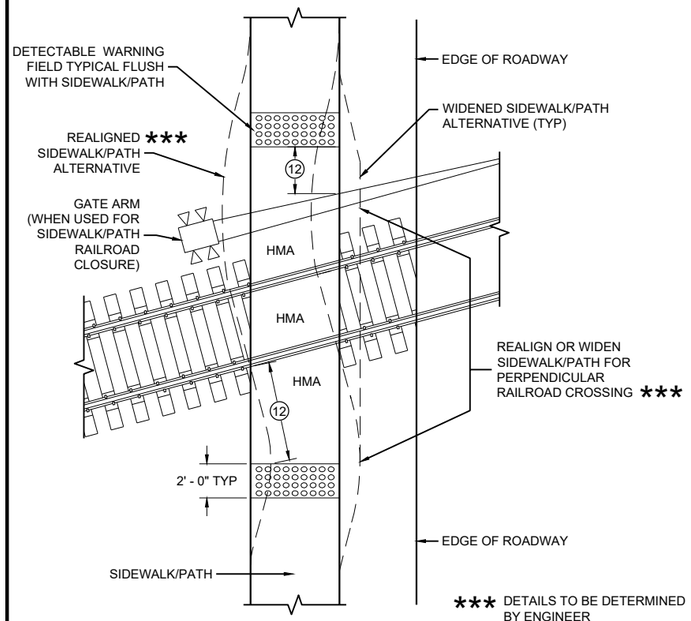


ISOMETRIC VIEW FOR TYPE 4B1

CURB RAMPS
TYPE 4B AND 4B1

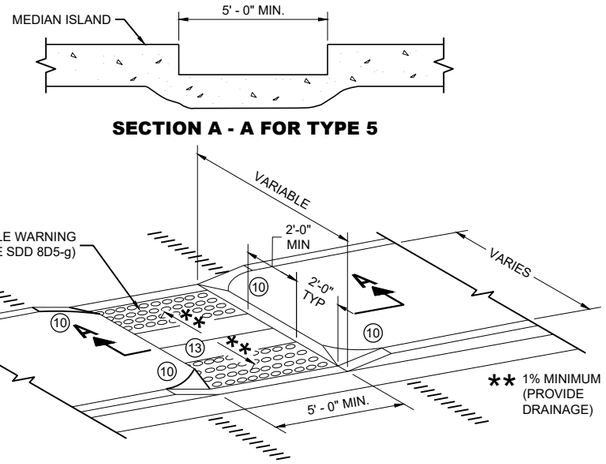
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 08D05-21d



CURB RAMP TYPE 8

DETECTABLE WARNINGS FOR SIDEWALKS OR SHARED USE PATHS AT RAILROAD CROSSINGS



SECTION A - A FOR TYPE 5

CURB RAMP TYPE 5

MEDIAN ISLAND NON-ELEVATED PEDESTRIAN CROSSING

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LEVEL LANDING SIZE IS 5 FEET BY 5 FEET.

(10) INSTALL TRANSITION NOSE (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

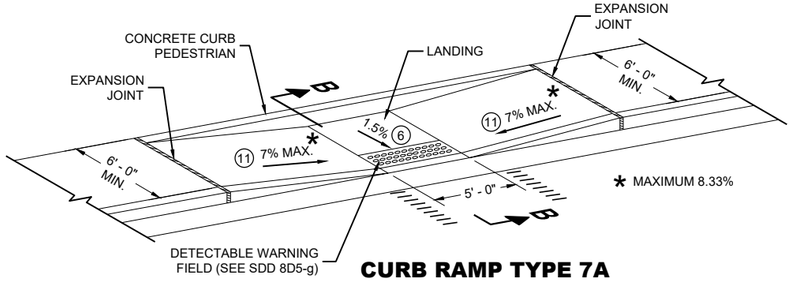
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ±0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK/PATH. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD TRACK IS 15 FEET MAXIMUM AND 12 FEET MINIMUM, 15 FEET TYPICAL FROM THE NEAREST RAIL.

(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STEET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2 FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.

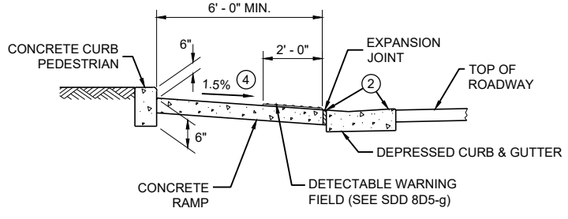
LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

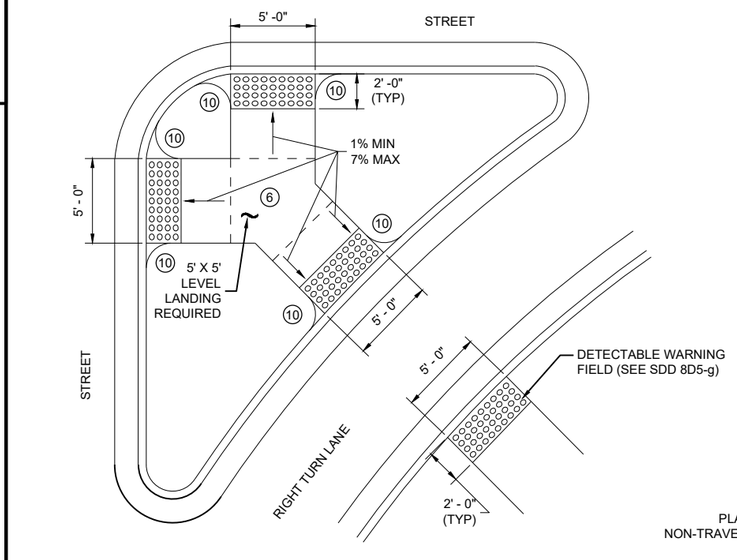


CURB RAMP TYPE 7A

FOR INTERSECTIONS AND MID BLOCK CROSSINGS



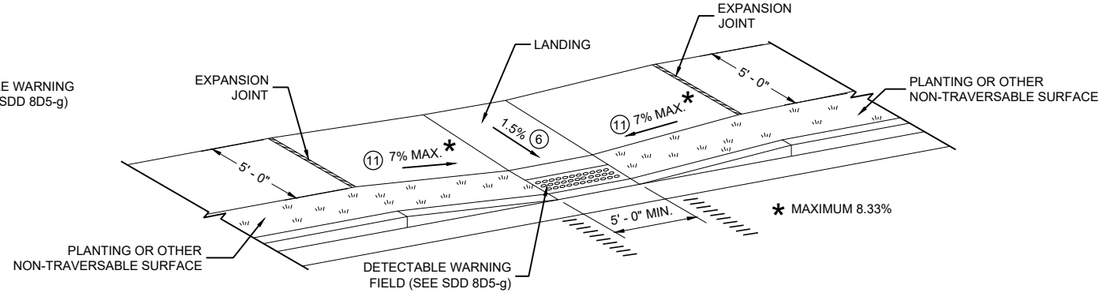
SECTION B - B FOR TYPE 7A



CURB RAMP TYPE 6

DETECTABLE WARNING AT ISLANDS

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



CURB RAMP TYPE 7B

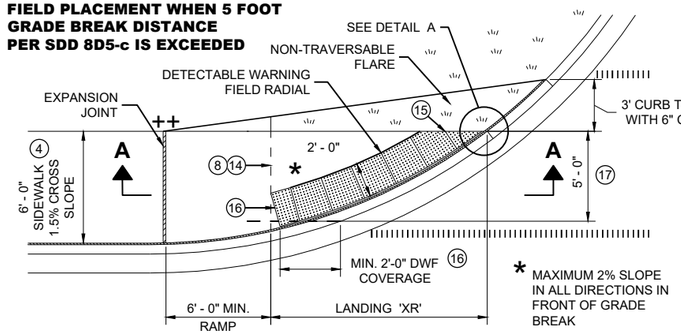
FOR INTERSECTIONS AND MID BLOCK CROSSINGS

CURB RAMPS TYPE 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

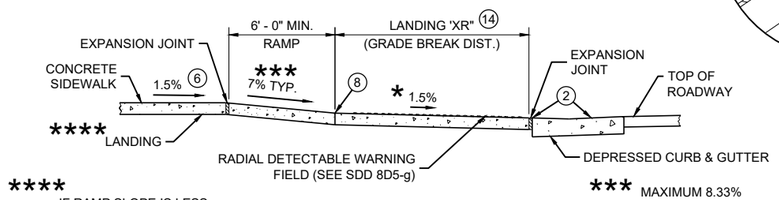
SDD 08D05-21e

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-c IS EXCEEDED

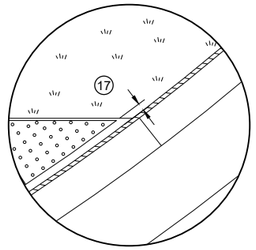


PLAN VIEW

CURB RAMP TYPE 4A1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



SECTION A - A FOR TYPE 4A1



DETAIL A

LEGEND

- ½" EXPANSION JOINT SIDEWALK
- CONTRACTION JOINT SIDEWALK
- PAVEMENT MARKING CROSSWALK (WHITE)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AD ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼ - INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) AN 8.33% CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET BY 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

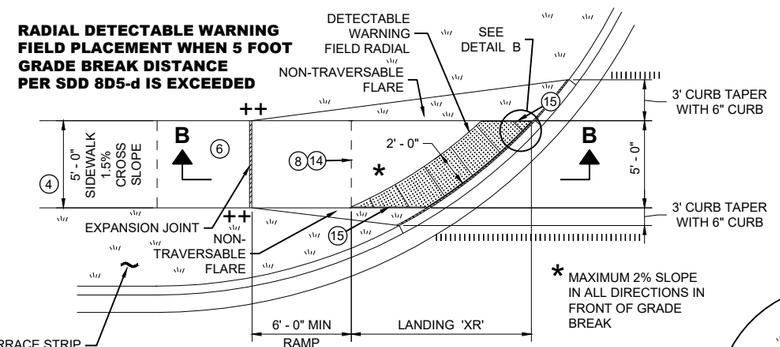
(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION "XR") REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1' X 2" RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2' - 0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

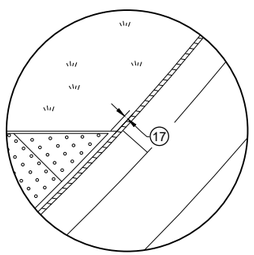
(17) A MAXIMUM 3 INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-d IS EXCEEDED

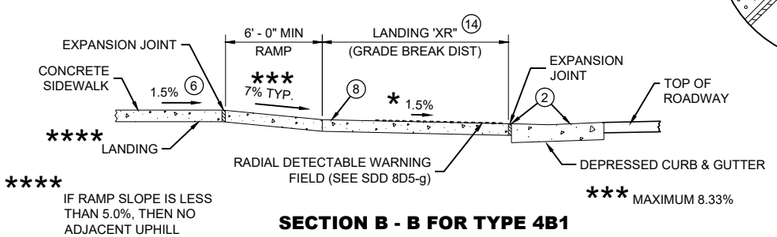


PLAN VIEW

CURB RAMP TYPE 4B1
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

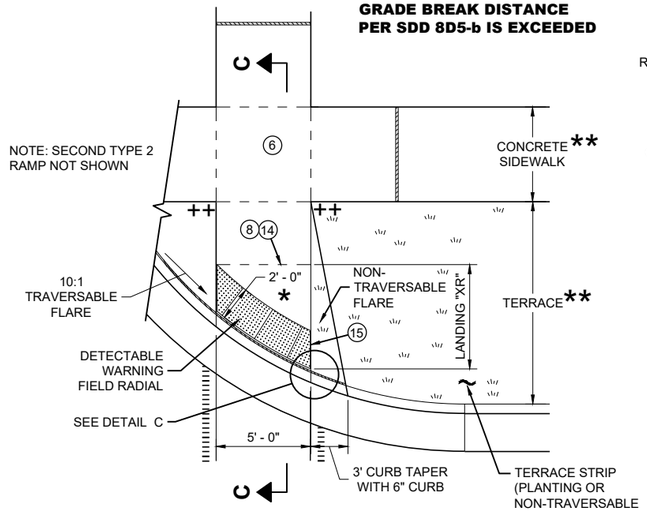


DETAIL B



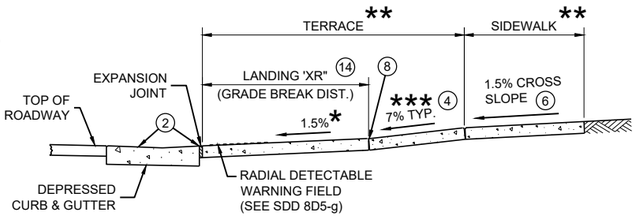
SECTION B - B FOR TYPE 4B1

RADIAL DETECTABLE WARNING FIELD PLACEMENT WHEN 5 FOOT GRADE BREAK DISTANCE PER SDD 8D5-b IS EXCEEDED

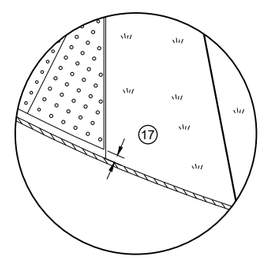


PLAN VIEW

CURB RAMP TYPE 2
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)



SECTION C - C FOR TYPE 2



DETAIL C

* MAXIMUM 2% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** MAXIMUM 8.33%

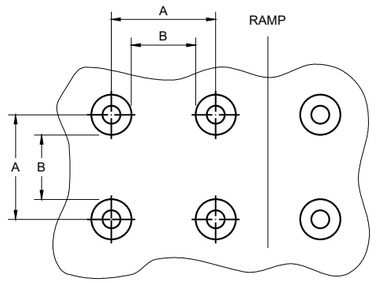
++ CONSTRUCT 6" WEDGE TO AVOID CONCRETE BREAKAGE

CURB RAMPS
RADIAL DETECTABLE WARNING

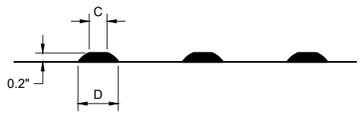
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

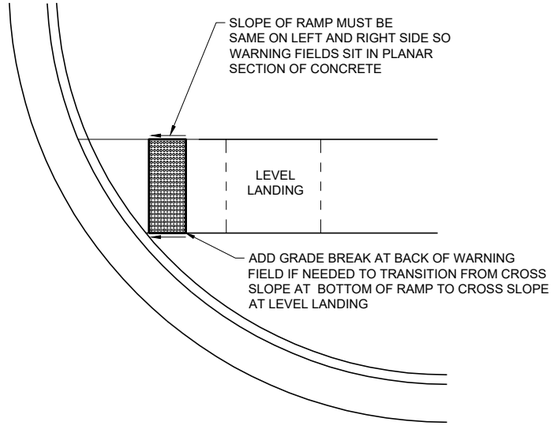
* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW



DETECTABLE WARNING FIELD
PLANAR INSTALLATION

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FILED ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

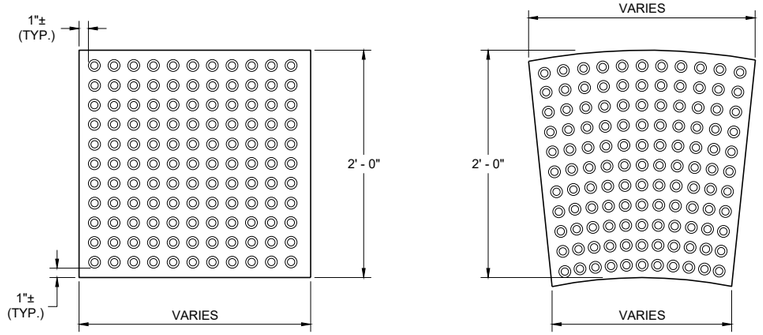
FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN ⅛" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

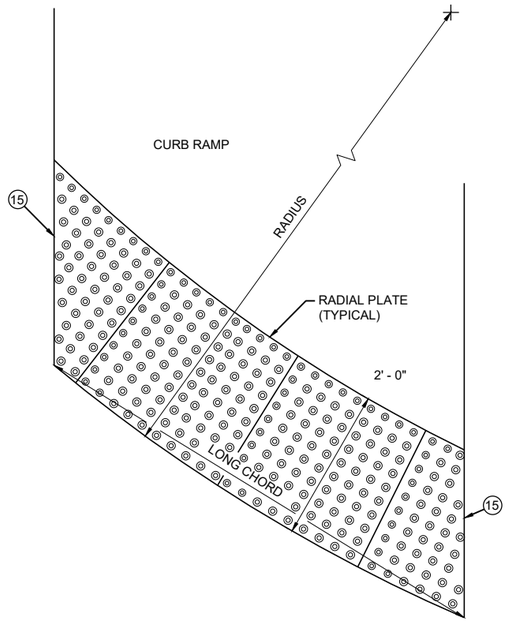
TRUNCATED DOMES
DETECTABLE WARNING PATTERN DETAIL



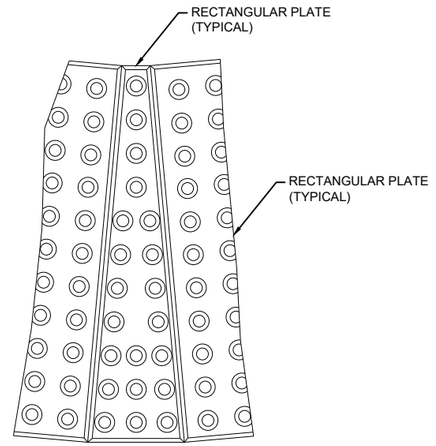
RECTANGULAR PLATES

RADIAL PLATES

PLAN VIEW
DETECTABLE WARNING FIELDS (TYPICAL)



PLAN VIEW
RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW
RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS
RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

July 2023 — DATE

/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

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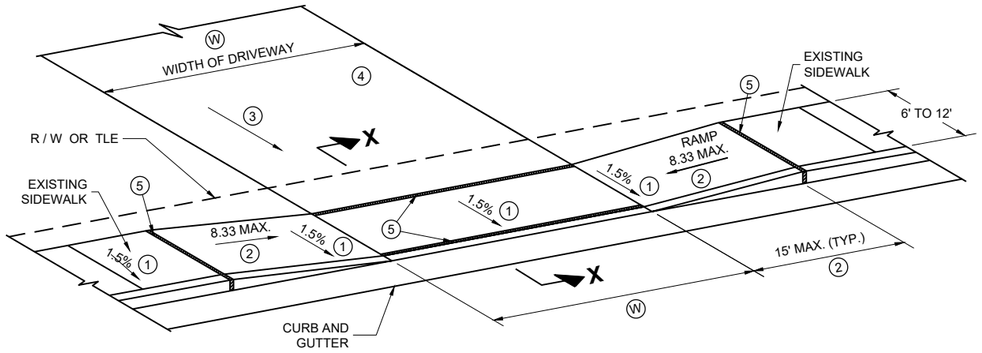
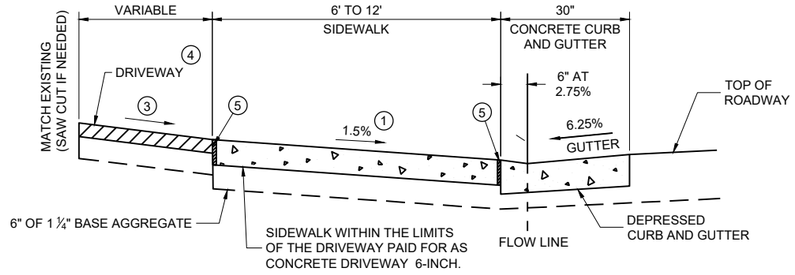
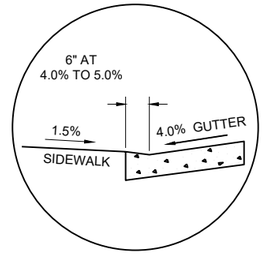
SDD 08D05-21g



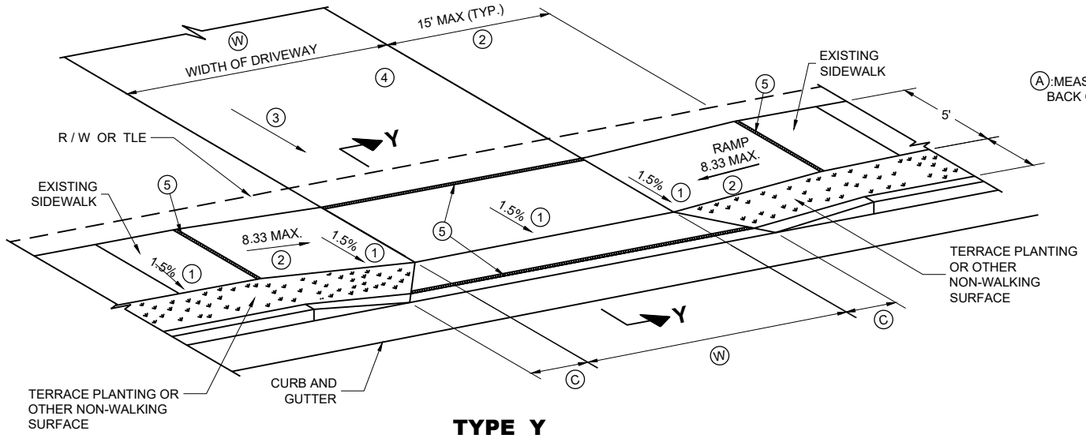
TYPE X
SIDEWALK ABUTS CURB AND GUTTER
TERRACE VARIES 0 TO 3 FEET



SECTION X - X



SECTION X - X
4% GUTTER SLOPE



TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

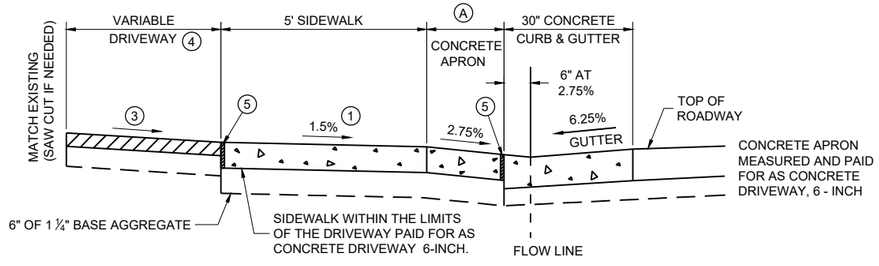
Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)

Ⓐ:MEASURE FROM BACK OF CURB

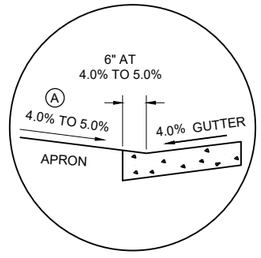
TABLE Y

Ⓐ FEET	Ⓒ FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'



NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y - Y



SECTION Y - Y
4% GUTTER SLOPE

DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

① CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

② THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

③ DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

④ DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

⑤ ½" EXPANSION JOINT FILLER

DRIVEWAY AND SIDEWALK RAMPS TYPES X AND Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

FHWA

SDD 08D18-04

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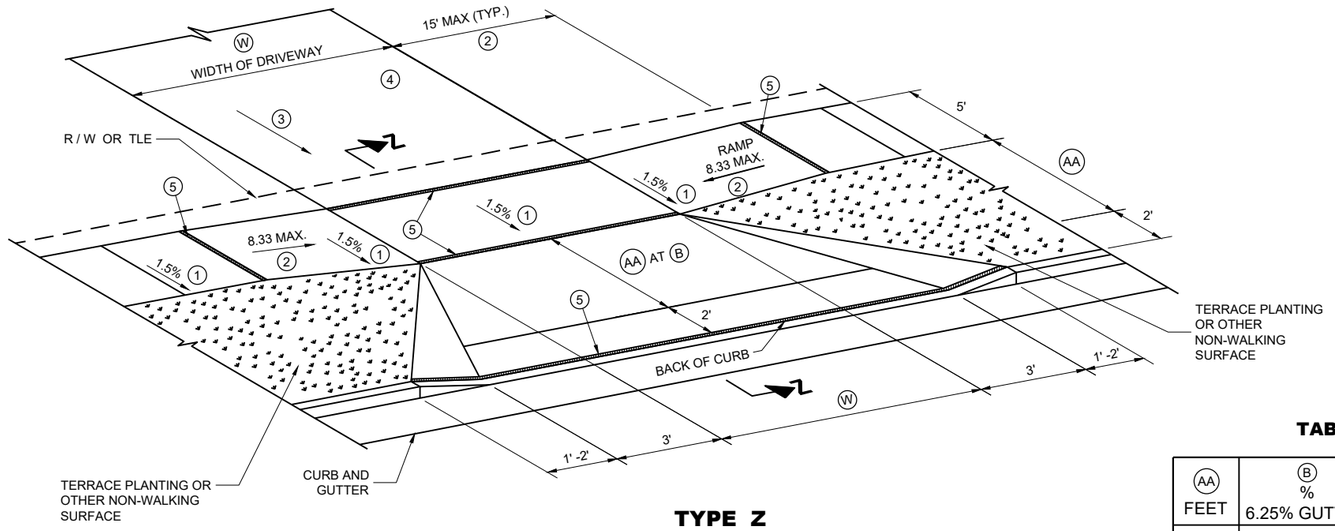


TYPE Z
SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

GENERAL NOTES

PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(W) IS SHOWN ON PLAN AND PROFILE SHEETS.

OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.

(1) CONSTRUCTION TOLERANCE OF 0.5%± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES.)

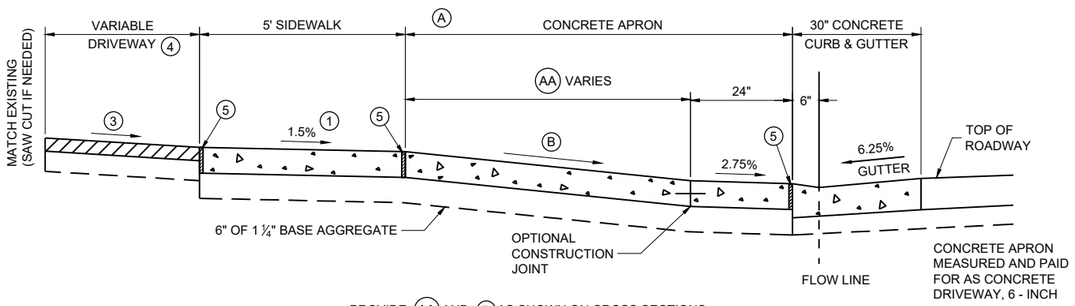
(5) ½" EXPANSION JOINT FILLER.

TABLE Z

(AA) FEET	(B) % 6.25% GUTTER	(B) % 4% GUTTER
4.5'	11.5%	9% TO 11.5%
5.5'	9% TO 11.5%	8% TO 11.5%
6.5'	8% TO 11.5%	6% TO 11.5%
7.5'	7% TO 11.5%	6% TO 11.5%
8.5'	6% TO 11.5%	5% TO 11.5%
9.5'	5% TO 11.5%	4% TO 11.5%

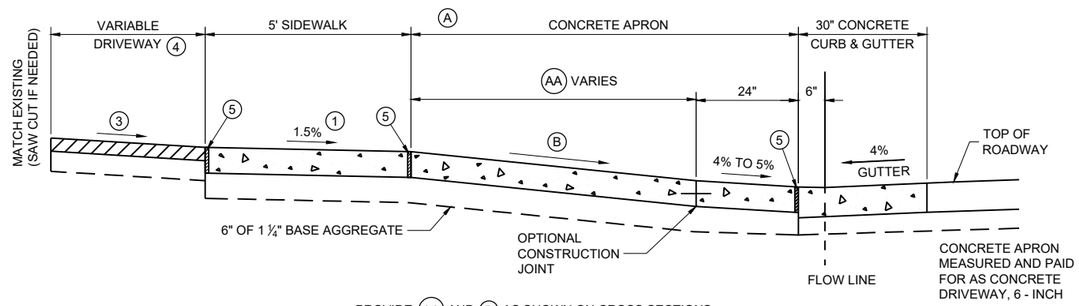
(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)

16' MIN. - 35' MAX. COMMERCIAL (CE)



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

6.25% GUTTER SLOPE



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

4% GUTTER SLOPE

NOTE: SIDEWALK MY BE DEPRESSED IN DRIVEWAY AREAS FOR (B) VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY 6-INCH.

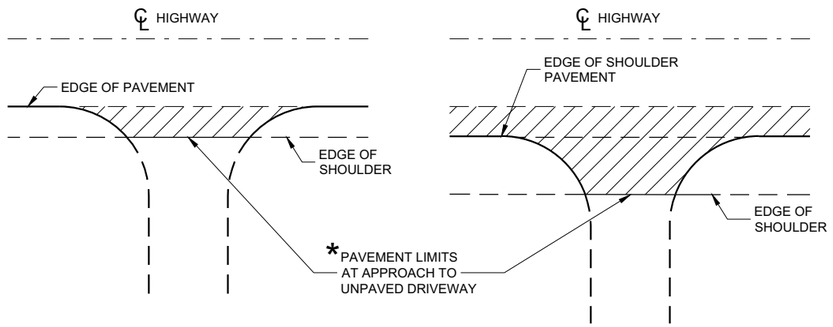
SECTION Z - Z
DRIVEWAY DETAIL WITH CONCRETE CURB AND GUTTER
(URBAN AND SUBURBAN)

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2023 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

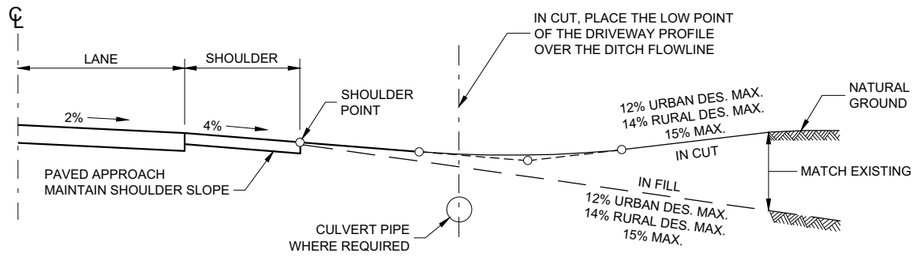
FHWA



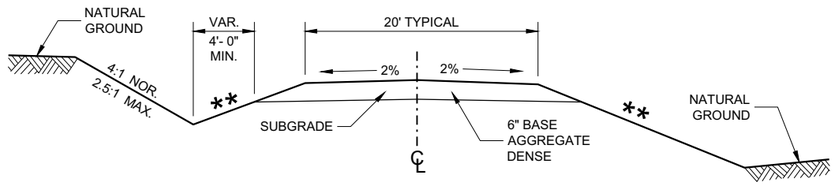
PLAN VIEW
(UNPAVED SHOULDER ON HIGHWAY)

PLAN VIEW
(PAVED SHOULDER ON HIGHWAY)

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



TYPICAL DRIVEWAY PROFILES

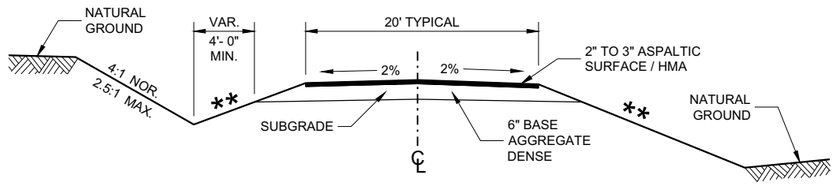


IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE AGGREGATE SURFACE

** SLOPE CAN VARY WITH SPEED. SEE 11-45-30.6.2

POSTED SPEED MPH	MAX. SLOPE
<35	4:1
≥ 35 TO < 60	6:1
≥60	10:1



IN CUT **IN FILL**

TYPICAL CROSS SECTION FOR PRIVATE DRIVE OR FIELD ENTRANCE ASPHALTIC SURFACE

6

6

SDD 08D21 - 01

SDD 08D21 - 01

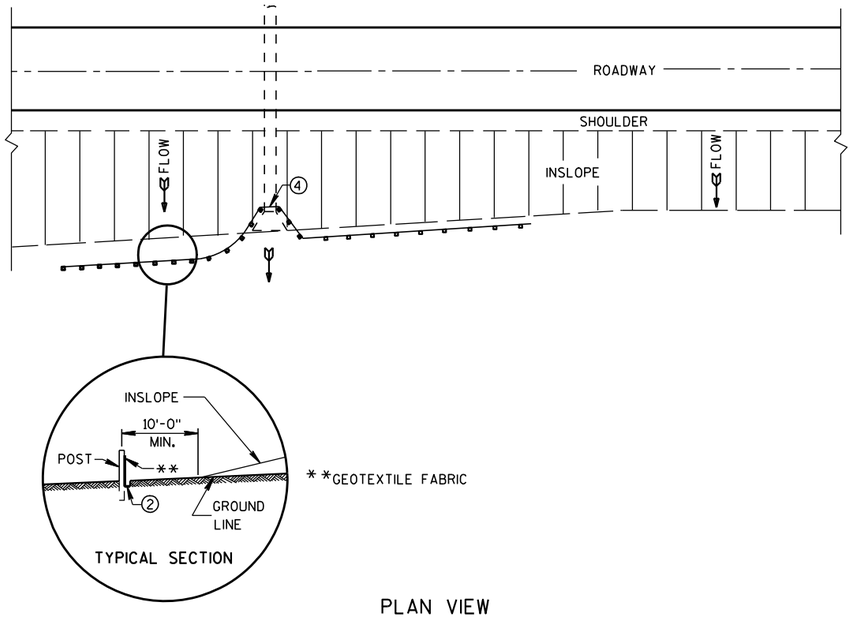
DRIVEWAYS WITHOUT CURB AND GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December 2017
DATE

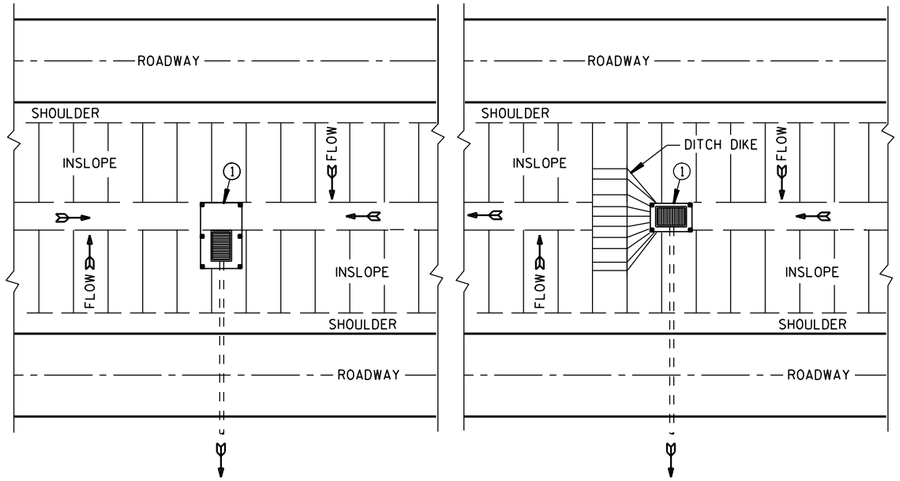
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE
UNIT SUPERVISOR

FHWA



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



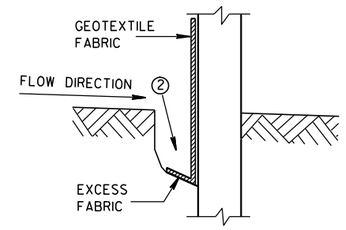
PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

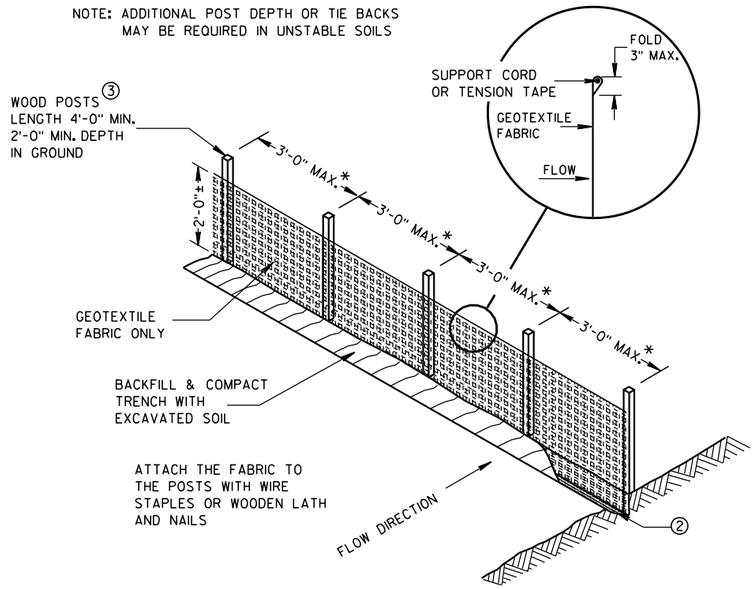
GENERAL NOTES

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

1. HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
2. FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.
4. SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
5. CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

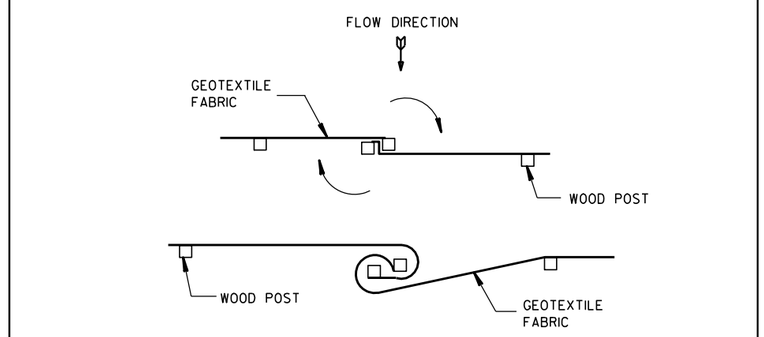


TRENCH DETAIL

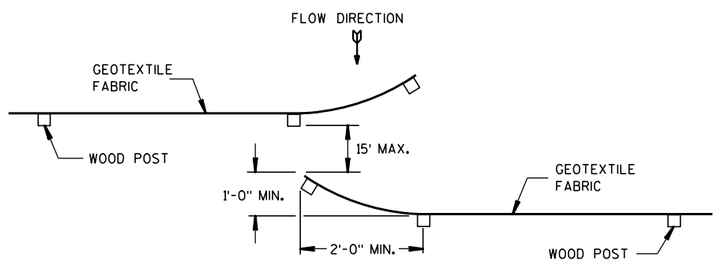


*NOTE: 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.

SILT FENCE

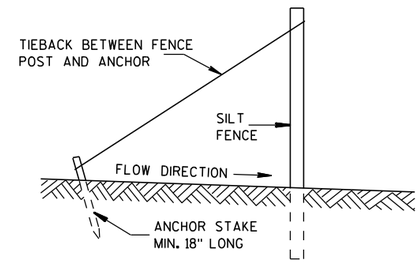


TWIST METHOD



HOOK METHOD

JOINING TWO LENGTHS OF SILT FENCE 5



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

SILT FENCE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

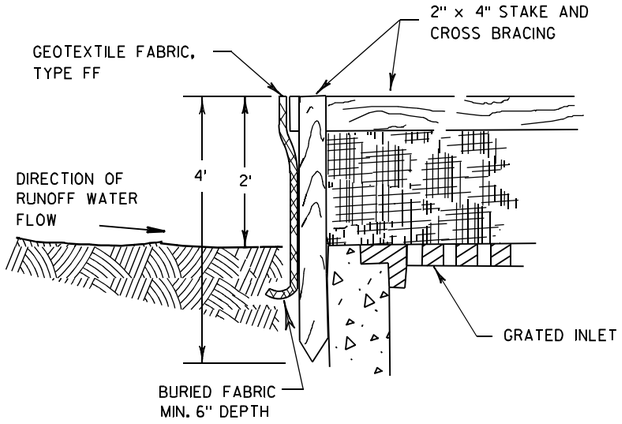
APPROVED
4-29-05 DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

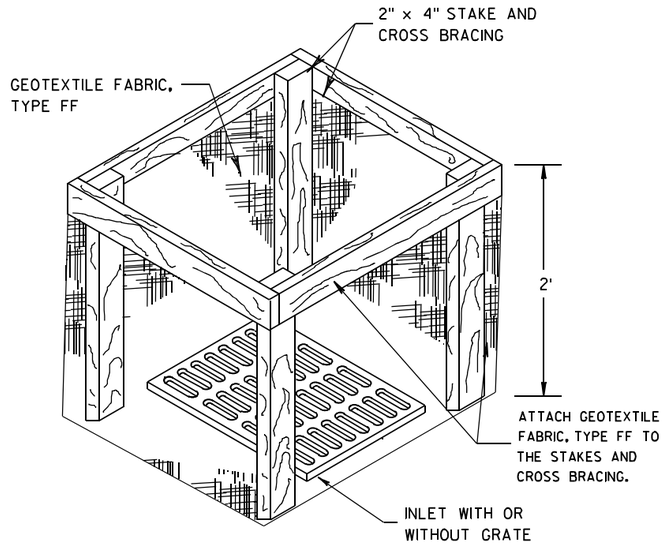
6

S.D.D. 8 E 9-6

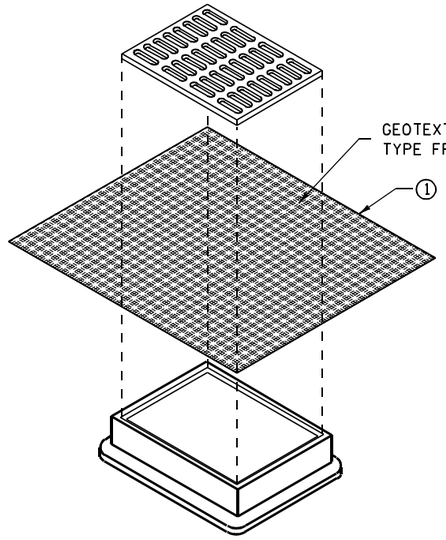
6

S.D.D. 8 E 9-6



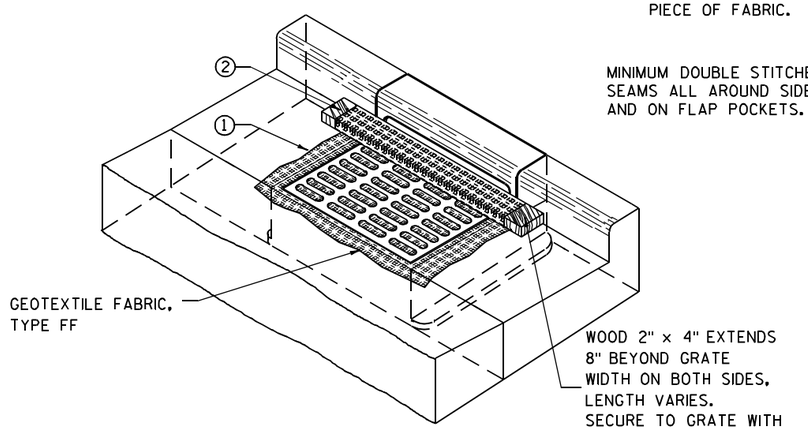


INLET PROTECTION, TYPE A

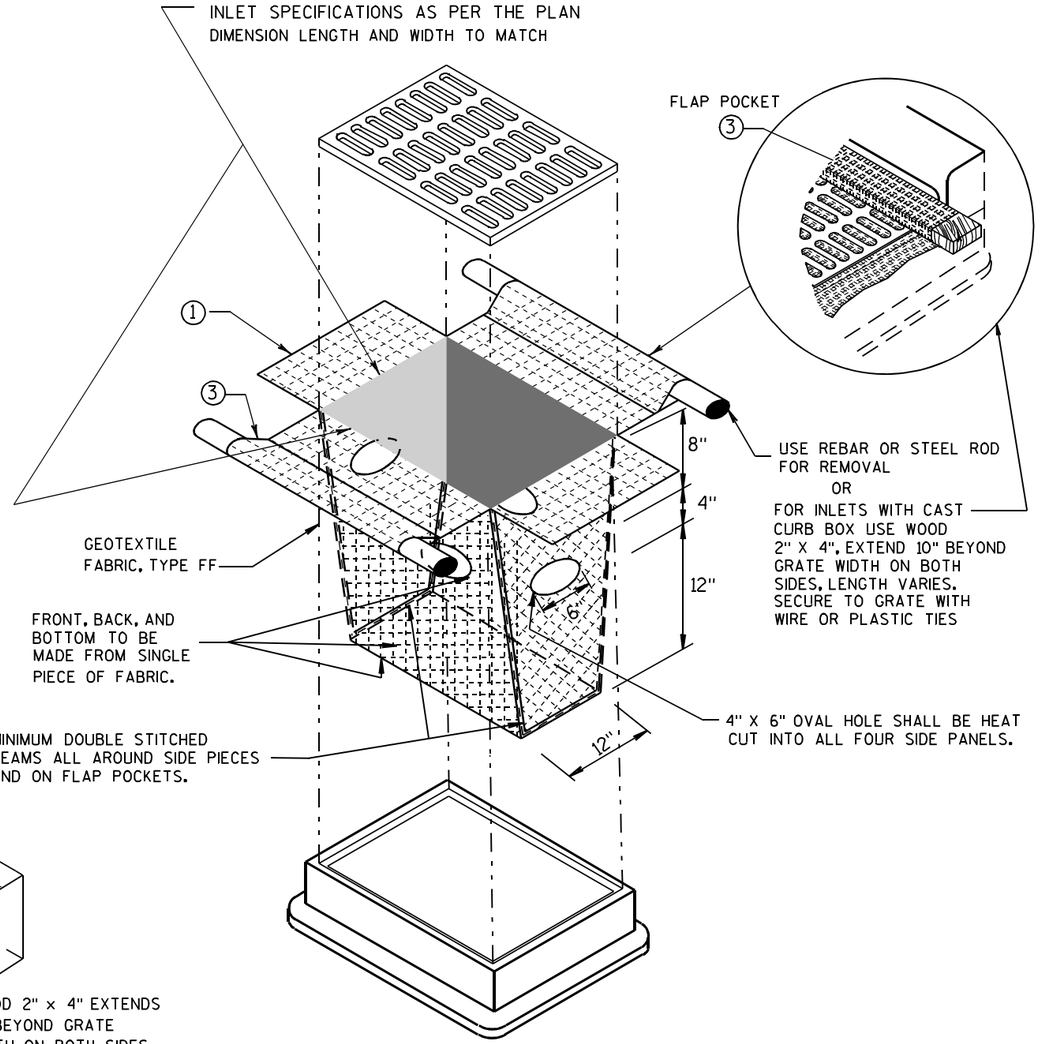


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

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



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

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

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

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

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

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

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

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

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

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

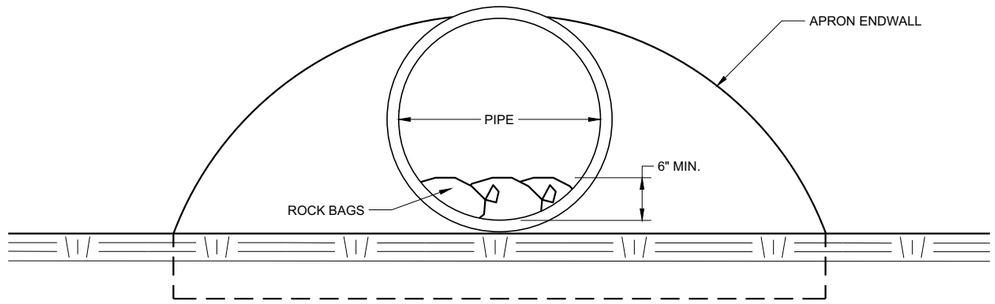
APPROVED
10/16/02
DATE
/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER
FHWA

6

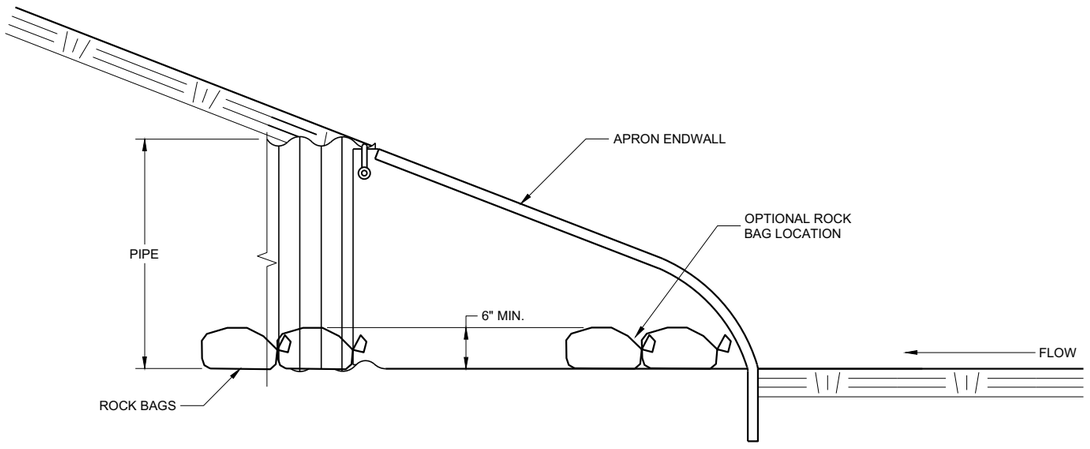
S.D.D. 8 E 10-2

6

S.D.D. 8 E 10-2



END VIEW



SIDE VIEW

CULVERT PIPE CHECK

(INSTALL ON INLET END ONLY)

CULVERT PIPE CHECK

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019 — DATE
/S/ Daniel Schave — EROSION CONTROL ENGI
FHWA

6

SDD 08E15 - 01

6

SDD 08E15 - 01

METAL APRON ENDWALLS

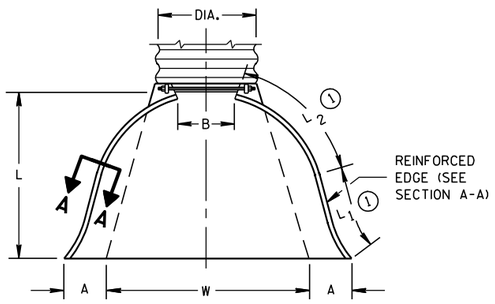
PIPE DIA. (IN.)	MIN. THICK. (Inches) STEEL	MIN. THICK. (Inches) ALUM.	DIMENSIONS (Inches) A (±1")	B (MAX.)	H (±1")	L (±1 1/2")	L1 ①	L2 ①	W (±2")	APPROX. SLOPE	BODY
12	.064	.060	6	6	6	21	12	17 1/2	24	2 1/2 to 1	1 Pc.
15	.064	.060	7	8	6	26	14	21 3/4	30	2 1/2 to 1	1 Pc.
18	.064	.060	8	10	6	31	15	28 1/4	36	2 1/2 to 1	1 Pc.
21	.064	.060	9	12	6	36	18	29 5/8	42	2 1/2 to 1	1 Pc.
24	.064	.075	10	13	6	41	18	37 1/4	48	2 1/2 to 1	1 Pc.
30	.079	.075	12	16	8	51	18	52 1/4	60	2 1/2 to 1	1 Pc.
36	.079	.105	14	19	9	60	24	59 3/4	72	2 1/2 to 1	2 Pc.
42	.109	.105	16	22	11	69	24	75 5/8	84	2 1/2 to 1	2 Pc.
48	.109	.105	18	27	12	78	24	81	90	2 1/4 to 1	3 Pc.
54	.109	.105	18	30	12	84	30	85 1/2	102	2 1/4 to 1	3 Pc.
60	.109×	.105×	18	33	12	87	—	—	114	2 to 1	3 Pc.
66	.109×	.105×	18	36	12	87	—	—	120	2 to 1	3 Pc.
72	.109×	.105×	18	39	12	87	—	—	126	2 to 1	3 Pc.
78	.109×	.105×	18	42	12	87	—	—	132	1 1/2 to 1	3 Pc.
84	.109×	.105×	18	45	12	87	—	—	138	1 1/2 to 1	3 Pc.
90	.109×	.105×	18	37	12	87	—	—	144	1 1/2 to 1	3 Pc.
96	.109×	.105×	18	35	12	87	—	—	150	1 1/2 to 1	3 Pc.

× EXCEPT CENTER PANEL SEE GENERAL NOTES

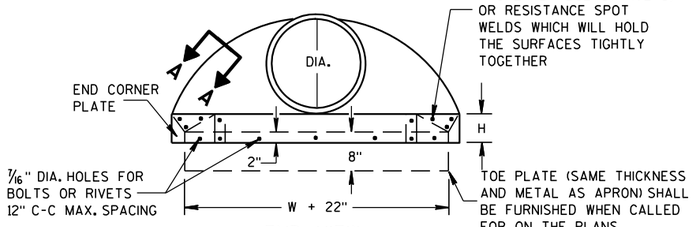
REINFORCED CONCRETE APRON ENDWALLS

PIPE DIA. (IN.)	DIMENSIONS (Inches) T	A	B	C	D	E	G	APPROX. SLOPE
12	2	4	24	48 7/8	72 1/8	24	2	3 to 1
15	2 1/4	6	27	46	73	30	2 1/4	3 to 1
18	2 1/2	9	27	46	73	36	2 1/2	3 to 1
21	2 3/4	9	36	37 1/2	73 1/2	42	2 3/4	3 to 1
24	3	9 1/2	43 1/2	30	73 1/2	48	3	3 to 1
27	3 1/4	10 1/2	49 1/2	24	73 1/2	54	3 1/4	3 to 1
30	3 1/2	12	54	19 3/4	73 1/2	60	3 1/2	3 to 1
36	4	15	63	34 3/4	97 3/4	72	4	3 to 1
42	4 1/2	21	63	35	98	78	4 1/2	3 to 1
48	5	24	72	26	98	84	5	3 to 1
54	5 1/2	27	65	* 33 1/4 - ** 35	* 98 1/4 - ** 100	90	5 1/2	2 2/5 to 1
60	6	* 30 - ** 35	60	39	99	96	5	2 to 1
66	6 1/2	* 24 - ** 30	* 72 - ** 78	* 21 - ** 27	99	102	5 1/2	2 to 1
72	7	* 24 - ** 36	78	21	99	108	6	2 to 1
78	7 1/2	* 24 - ** 36	78	21	99	114	6 1/2	2 to 1
84	8	36	90 1/2	21	111 1/2	120	6 1/2	1 1/2 to 1
90	8 1/2	41	87 1/2	24	111 1/2	132	6 1/2	1 1/2 to 1

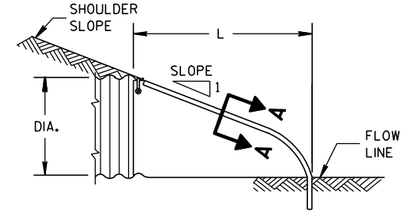
*MINIMUM
**MAXIMUM



PLAN VIEW

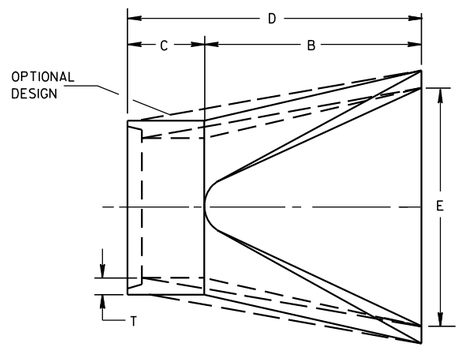


END VIEW

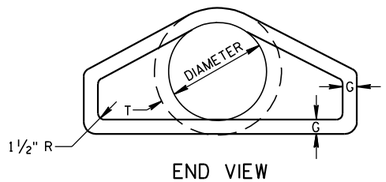


SIDE ELEVATION

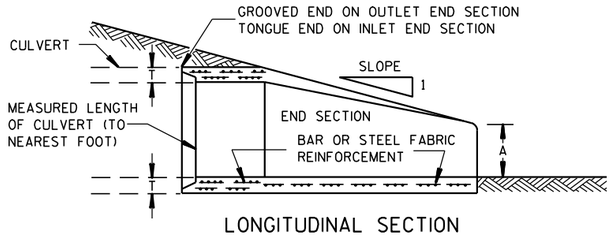
METAL ENDWALLS



PLAN

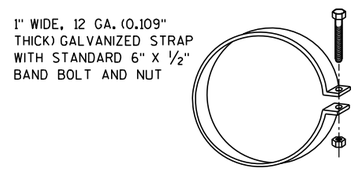


END VIEW



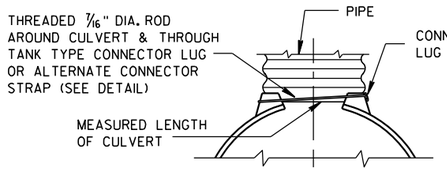
LONGITUDINAL SECTION

CONCRETE ENDWALLS

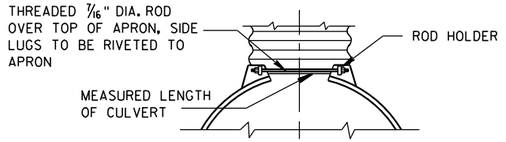


ALTERNATE FOR TYPE 1 CONNECTION

END SECTION CONNECTOR STRAP

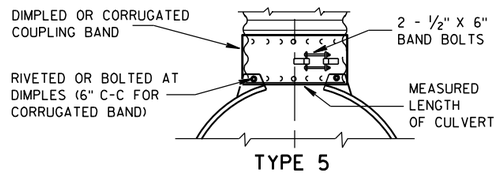


TYPE 1
FOR 12" THRU 24" CORR. PIPE



TYPE 2
FOR 30" THRU 96" CORR. PIPE

TYPE 3
FOR 42" THRU 96" CORR. PIPE



TYPE 5
ALTERNATE FOR:
ALL SIZES CORRUGATED CIRCULAR PIPE

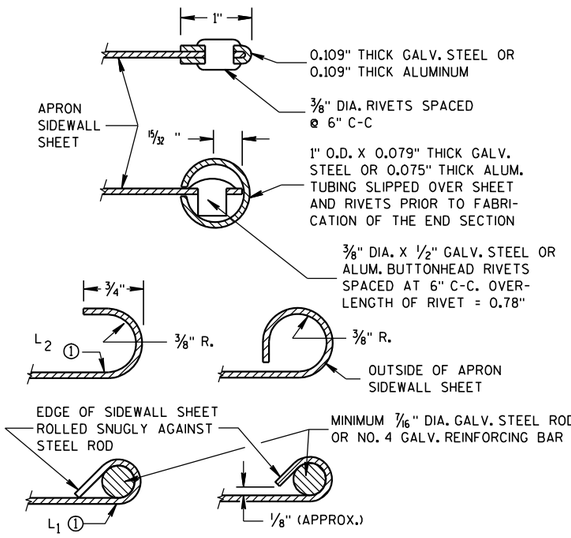
NOTE: DIMPLED BAND FITS OVER OUTSIDE OF ENDWALL. AND CORRUGATED BAND FITS INSIDE ENDWALL. DIMPLED BAND MAY BE USED WITH HELICALLY CORRUGATED PIPE.

FOR CIRCUMFERENTIALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2, 3 OR 5 AS APPLICABLE.

FOR HELICALLY CORRUGATED PIPE USE ENDWALL CONNECTION DETAILS 1, 2 OR 5.

FOR HELICALLY CORRUGATED PIPES WITH TWO CIRCUMFERENTIAL CORRUGATIONS AT EACH END USE ENDWALL CONNECTION DETAILS 1, 2 OR 3.

CONNECTION DETAILS



SECTION A-A

GENERAL NOTES

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

CONCRETE CULVERT ENDWALLS MAY NOT BE USED WITH GALVANIZED STEEL OR ALUMINUM CULVERT PIPE OR VISE VERSA. GALVANIZED STEEL OR ALUMINUM ENDWALLS SHALL NORMALLY BE INSTALLED ON CULVERT PIPE OF THE SAME METAL.

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

LAP SEAMS SHALL BE TIGHTLY JOINED BY GALVANIZED RIVETS OR BOLTS FOR STEEL UNITS AND ALUMINUM RIVETS AND BOLTS FOR ALUMINUM UNITS. FOR THE 60" THROUGH 96" DIAMETER APRON ENDWALL SIZES, THE REINFORCED EDGES AND CENTER PANEL SEAMS SHALL BE FURTHER REINFORCED WITH GALVANIZED STEEL OR ALUMINUM STIFFENER ANGLES. THE ANGLES SHALL BE ATTACHED BY GALVANIZED NUTS AND BOLTS FOR STEEL UNITS AND ALUMINUM NUTS AND BOLTS FOR ALUMINUM UNITS.

WHERE TWO OR MORE PIPES WITH APRON ENDWALLS ARE LAID ADJACENT TO EACH OTHER, THEY SHALL BE SEPARATED BY A DISTANCE SUFFICIENT TO PROVIDE A MINIMUM CLEARANCE OF 6 INCHES BETWEEN APRON ENDWALLS.

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

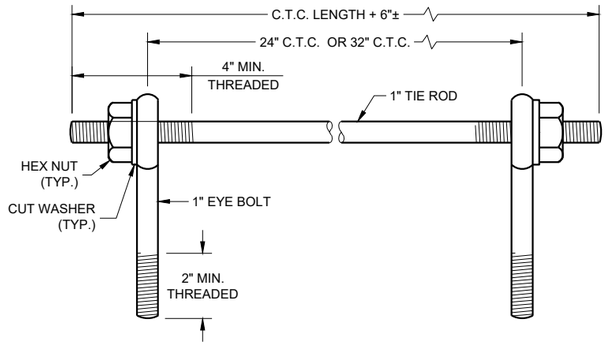
APRON ENDWALLS FOR CULVERT PIPE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

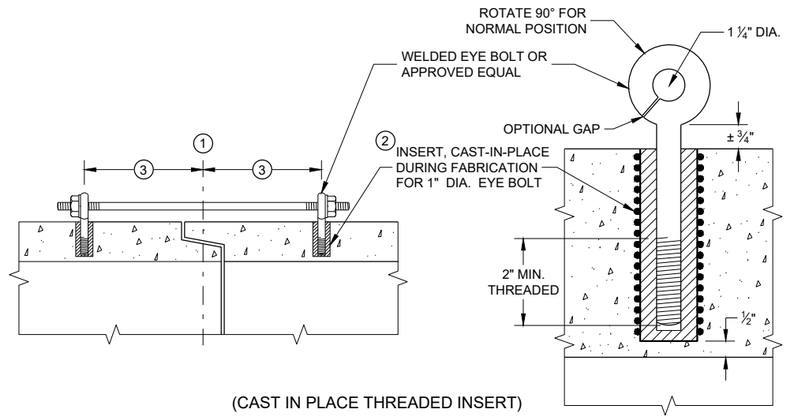
APPROVED
11/30/94 DATE
/S/ Rory L. Rhinesmith
CHIEF ROADWAY DEVELOP 288 NEER
FHWA

6

S.D.D. 8 F 1-11



EYE BOLTS AND TIE ROD



(CAST IN PLACE THREADED INSERT)

LONGITUDINAL SECTIONS

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

GENERAL NOTES

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

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES. ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

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

(1) CENTER LINE OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.

(2) THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE BOLTS.

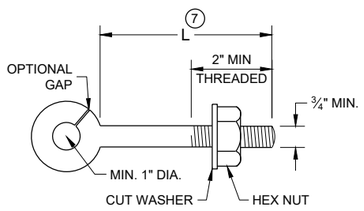
(3) HOLES SHALL BE CAST-IN-PLACE OR DRILLED PER THE APPLICABLE DETAIL, AND EQUAL DISTANCE FROM THE CENTERLINE OF THE JOINT.

(4) BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.

(5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.

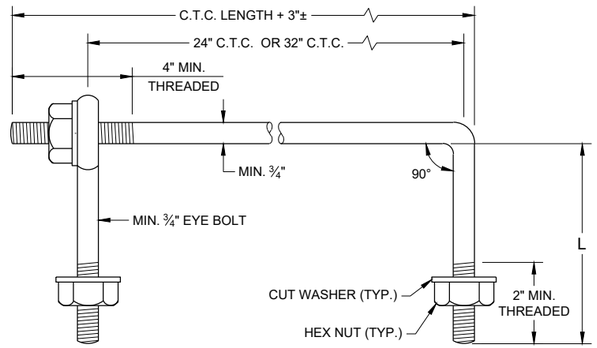
(6) LENGTH ADEQUATE TO EXTEND TO WITHIN ½ INCH OF THE INNER SURFACE OF THE PIPE.

(7) EYE BOLT LENGTH DETERMINED BY WALL THICKNESS, BELL THICKNESS AND BOLT PROJECTION INSIDE PIPE.

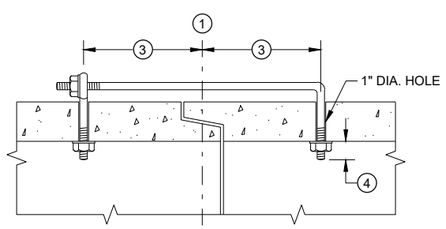


EYE BOLT (7)

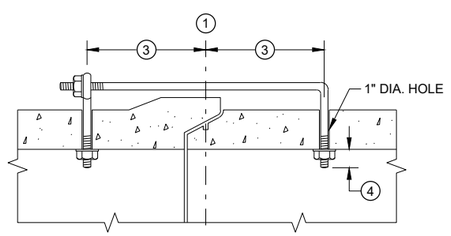
NOTE: TWO EYE BOLTS MAY BE USED WITH A 30" OR 38" LONG THREADED ROD IN LIEU OF THE 90° BENT TIE ROD.



EYE BOLT AND TIE ROD



(TONGUE AND GROOVE PIPE)



(MODIFIED BELL PIPE)

LONGITUDINAL SECTION

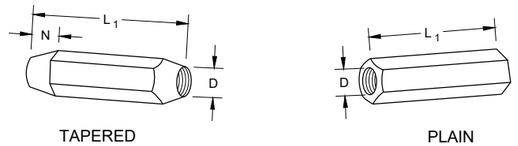
(JOINT TIES FOR 18" TO 66" DIA. CONCRETE PIPE)

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

ADJUSTABLE TIE ROD TABLE

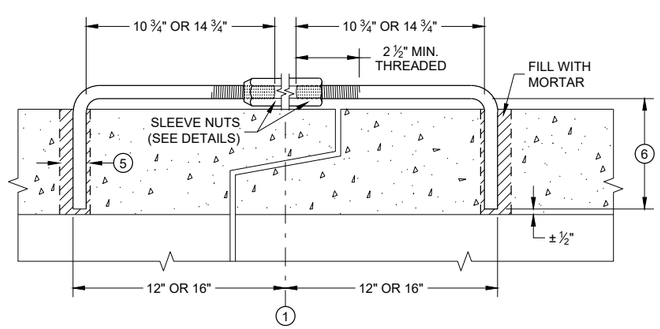
PIPE DIAMETER	TIE ROD DIAMETER	D	L_1	N
12 - 60	⅝	⅝	5	½
66 - 84	¾	¾	5	½
90 - 144	1	1	7	1 7/16

DIMENSIONS SHOWN ARE IN INCHES



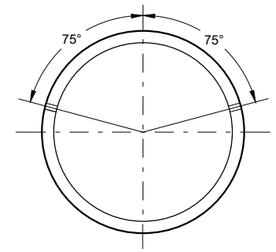
RIGHT AND LEFT THREADS

SLEEVE NUTS



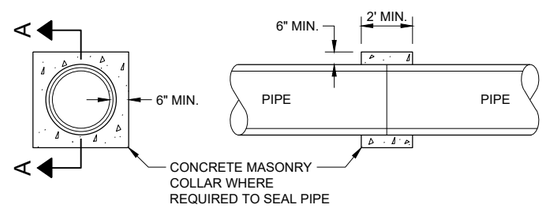
LONGITUDINAL SECTION

ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



PLACEMENT OF (2) CAST-IN-PLACE INSERTS OR HOLES DURING FABRICATION FOR PIPE SECTIONS REQUIRING TIE RODS

TRANSVERSE SECTION



SECTION A - A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

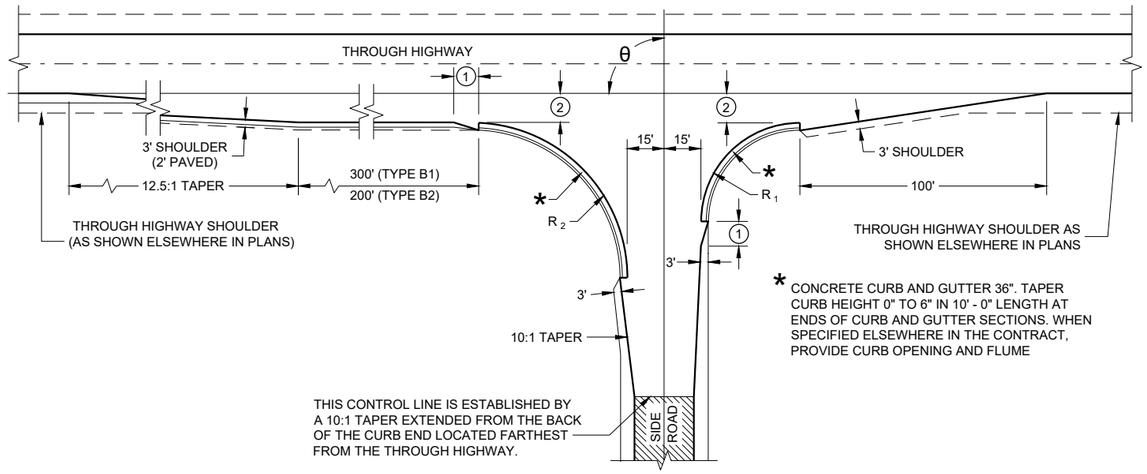
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2021
DATE
/S/ Rodney Taylor
ROADWAY STANDARDS DEVE ENGINEER

FHWA

SDD 08F04 - 08

SDD 08F04 - 08



* CONCRETE CURB AND GUTTER 36". TAPER CURB HEIGHT 0" TO 6" IN 10' - 0" LENGTH AT ENDS OF CURB AND GUTTER SECTIONS. WHEN SPECIFIED ELSEWHERE IN THE CONTRACT, PROVIDE CURB OPENING AND FLUME

TYPE "B1" AND "B2"

RADII DIMENSIONS FOR TYPES "B1", "B2", "C" AND "D" INTERSECTIONS

θ	R_1	R_2
65 - 70	35	70
71 - 80	40	70
81 - 90	40	60
91 - 100	50	55
101 - 110	60	45

GENERAL NOTES

DESIGNS MAY BE USED INTERCHANGEABLY IN COMBINATION OR SEPARATELY FOR ANY ONE COMPLETE INTERSECTION DEPENDING UPON INTERSECTION ANGLE AND SURFACING OF EACH APPROACH ROADWAY.

SIDE ROAD SURFACING NOTE

WHEN THE SIDE ROAD IS NOT PRESENTLY PAVED, PAVEMENT SHALL BE PLACED TO THE LIMITS SHOWN UNLESS OTHERWISE PROVIDED IN THE CONTRACT. WHERE THE CONSTRUCTION LIMITS ARE BEYOND THE PAVING LIMITS, CRUSHED AGGREGATE SURFACING SHALL BE PLACED BETWEEN THE PAVING LIMITS AND CONSTRUCTION LIMITS.

WHEN THE SIDE ROAD IS PRESENTLY PAVED, NEW PAVEMENT SHALL BE PLACED TO THE LIMITS OF DESIGN AS SHOWN AND BEYOND, IF NECESSARY, TO MEET EXISTING PAVEMENT.

WHEN THE SIDE ROAD IS THE CONSTRUCTION PROJECT, THE INTERSECTION SURFACING SHALL BE THE SAME AS FOR THE PROJECT.

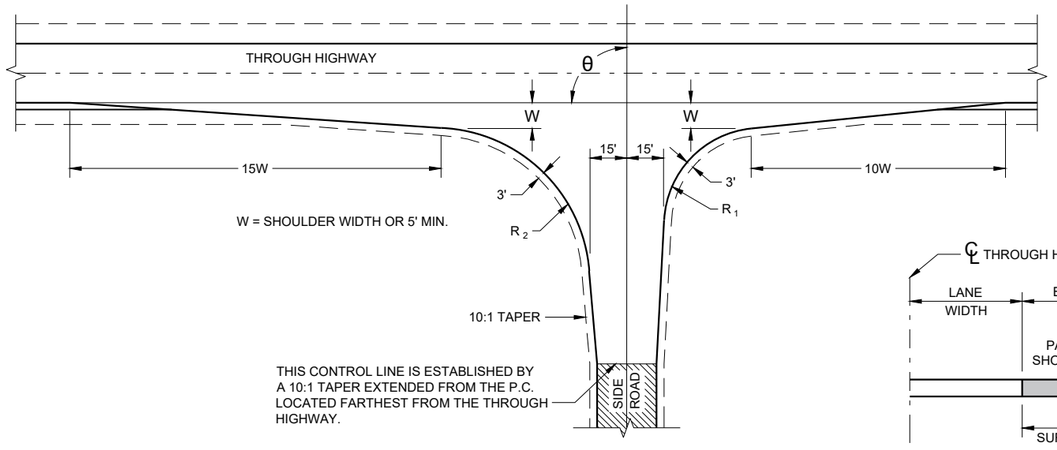
(1) 10-FT TYPICAL.

(2) 12-FT** PLUS ADDITIONAL WIDTH FOR BIKE LANE IF SHOWN ELSEWHERE IN THE PLAN.

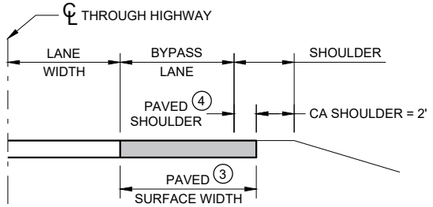
**10-FT MAY BE USED ON TYPE B2 ON RESURFACING PROJECTS IF SPECIFIED IN THE CONTRACT.

(3) BYPASS LANE PAVED SURFACE WIDTH OUTSIDE OF TRAVEL LANE
- ASPHALT = 12-FT PLUS PAVED SHOULDER WIDTH
- PC CONCRETE = 13-FT PLUS PAVED SHOULDER WIDTH

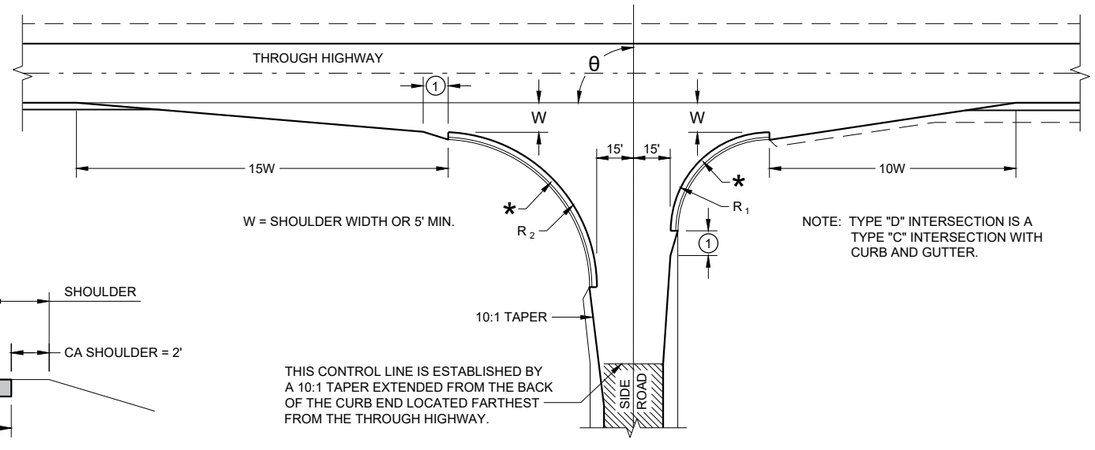
(4) BYPASS LANE PAVED SHOULDER WIDTH = THE GREATER OF 1-FT OR THE PAVED SHOULDER WIDTH OF THE THROUGH HIGHWAY.



TYPE "C"

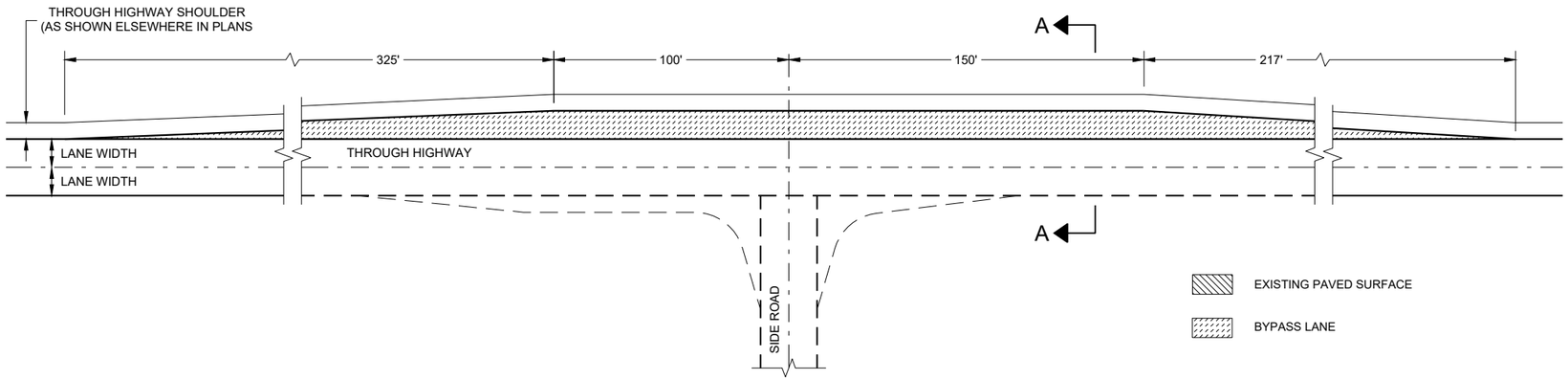


SECTION A - A
(SHOWING BYPASS LANE AND SHOULDER)



NOTE: TYPE "D" INTERSECTION IS A TYPE "C" INTERSECTION WITH CURB AND GUTTER.

TYPE "D"



TEE INTERSECTION BYPASS LANE DETAIL

AT GRADE SIDE ROAD INTERSECTION TYPES "B1", "B2", "C", "D" AND TEE INTERSECTION BYPASS LANE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 09A01 - 14a

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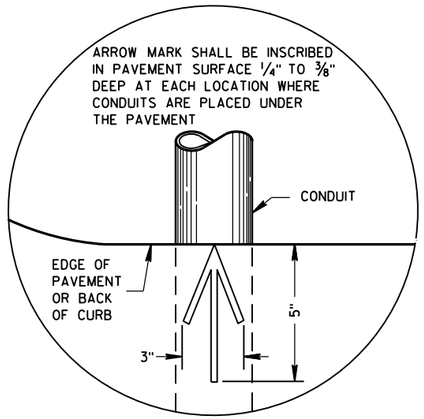
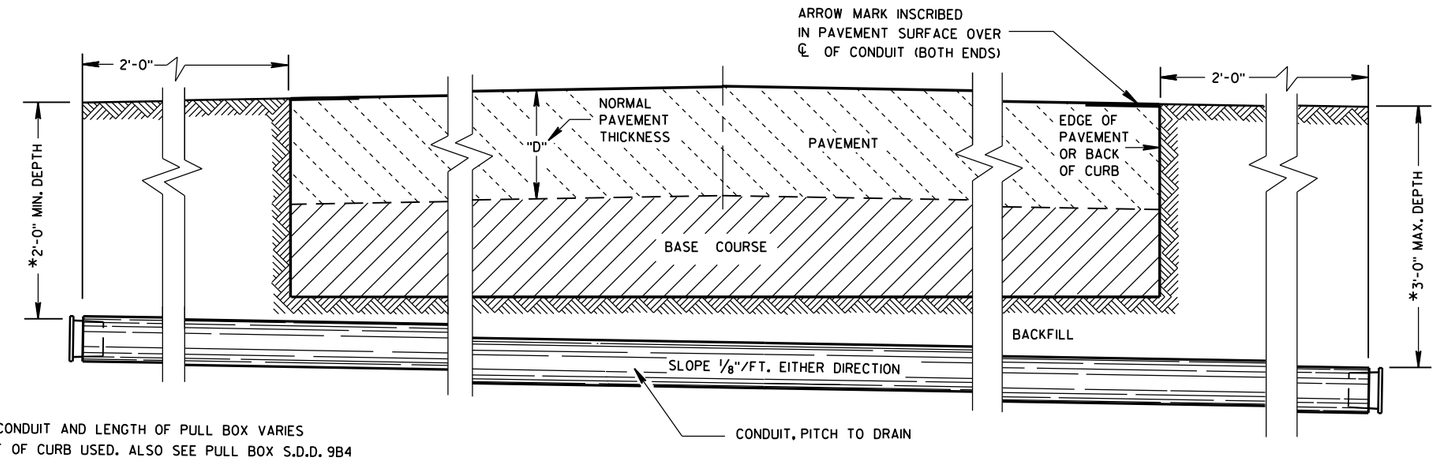
SDD 09A01 - 14a



PLAN VIEW

ARROW MARK



*DEPTH OF CONDUIT AND LENGTH OF PULL BOX VARIES WITH HEIGHT OF CURB USED. ALSO SEE PULL BOX S.D.D. 9B4

SIDE ELEVATION

DETAIL FOR CONDUIT UNDER PAVED HIGHWAYS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

METALLIC (STANDARD SPECIFICATION 652.2.2) OR NONMETALLIC (STANDARD SPECIFICATION 652.2.3) CONDUIT SHALL BE FURNISHED AND PLACED AS SHOWN.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

THE TRENCH SHALL NOT BE BACKFILLED PRIOR TO INSPECTION OF THE CONDUIT.

ALL METALLIC CONDUIT RACEWAY ENDS SHALL BE REAMED AND THREADED.

ALL METALLIC CONDUIT IN WHICH WIRE OR CABLE IS TO BE INSTALLED SHALL BE BUSHED WITH APPROVED THREADED BUSHINGS BEFORE INSTALLATION OF THE WIRE OR CABLE.

ALL METALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT TO BE INSTALLED SHALL BE CAPPED WITH THREADED PROTECTIVE CAPS, AS APPROVED BY THE ENGINEER.

ALL NONMETALLIC CONDUIT SHALL BE CAPPED OR PLUGGED IMMEDIATELY AFTER INSTALLATION AND SHALL REMAIN CAPPED OR PLUGGED UNTIL WIRE/CABLES ARE INSTALLED.

NONMETALLIC CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BENDING OF PVC ELECTRICAL CONDUIT SHALL BE ACCOMPLISHED BY USING A BLANKET OR EMERSION TYPE TANK DESIGNED FOR THE PURPOSE OF BENDING PVC ELECTRICAL CONDUIT.

ALL CUT ENDS SHALL BE TRIMMED INSIDE AND OUTSIDE TO REMOVE ALL ROUGH EDGES ON NONMETALLIC CONDUIT. (SEE NEC 347.5)

WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY U.L. LISTED ADAPTER FITTINGS SHALL BE USED.

PRIOR TO CONDUIT ACCEPTANCE, CONDUIT CAPS OR PLUGS SHALL BE REMOVED, AND THE CAPS, PLUGS AND CONDUIT ENDS SHALL BE THOROUGHLY CLEANED AND THEN THE CAPS OR PLUGS REINSTALLED TO ENSURE THAT THE CAPS OR PLUGS CAN BE EASILY REMOVED IN THE FUTURE.

ALL CONDUIT BEING FURNISHED AND INSTALLED SHALL HAVE THE U.L. LABEL FIRMLY ATTACHED.

CONDUIT RUNS SHALL BE THE SAME SIZE OF CONDUIT FROM ONE END TO THE OTHER (FROM PULL BOX TO PULL BOX-OR-JUNCTION BOX TO JUNCTION BOX-OR-BASE TO BASE, ETC.).

TRACER WIRE SHALL BE INSTALLED AS STATED IN THE STANDARD SPECIFICATION, ITEM 652.3.1.1.

ALL CONDUIT RUNS SHALL BE STRAIGHT (WITHOUT BENDS) FROM PULL BOX TO PULL BOX, PULL BOX TO BASE AND BASE TO BASE AS SHOWN ON THE PLANS.

CONDUIT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March, 2017 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

6

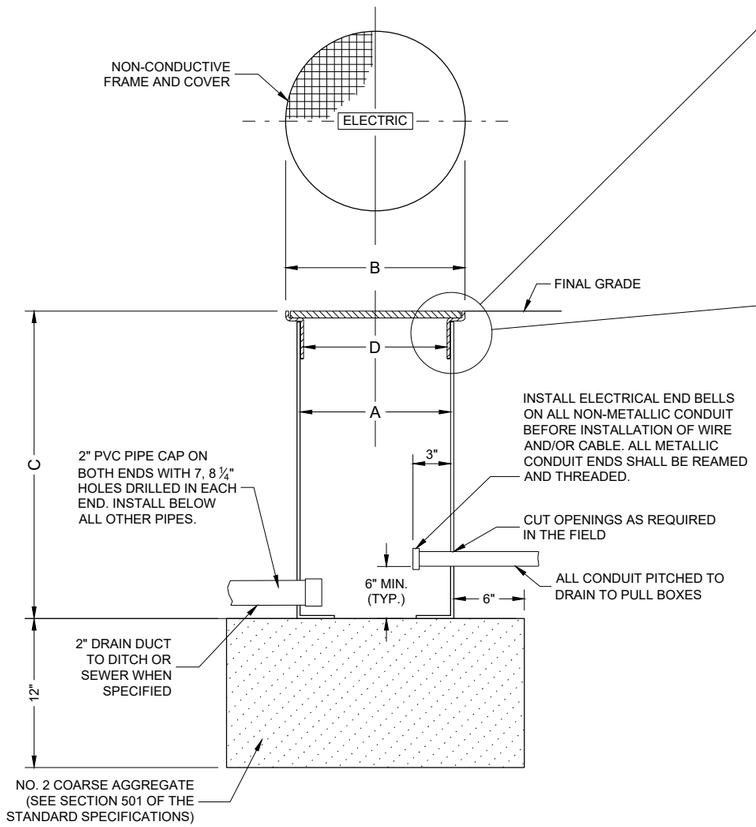
S.D.D. 9 B 2-10

TABLE OF NOMINAL DIMENSIONS AND WEIGHTS

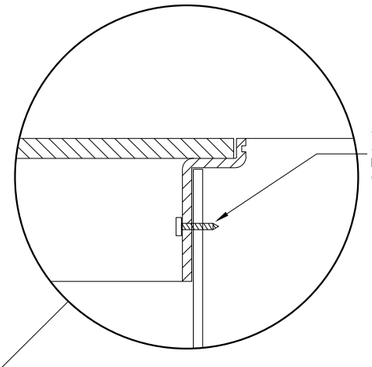
DIMENSION IN INCHES		NON- CONDUCTIVE PULL BOX	
BOX DIAMETER ** (INSIDE)	A	24	24
BOX OVERALL OUTSIDE DIAMETER	B	27	27
BOX LENGTH	C	36	42
FRAME OPENING	D	22 ½	22 ½
WEIGHT IN POUNDS *			
COVER		50	50
BOX ONLY		75	85

* THE ACTUAL WEIGHT OF THE COVER OR BOX ONLY MAY VARY NOT TO EXCEED 100 LBS INDIVIDUALLY.

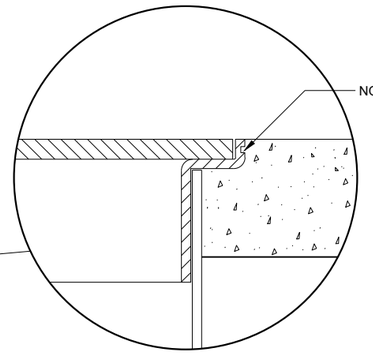
** DIAMETER VARIES FROM TOP TO BOTTOM WITH THE DIAMETER LARGER AT THE BOTTOM TO PREVENT FROST HEAVE.



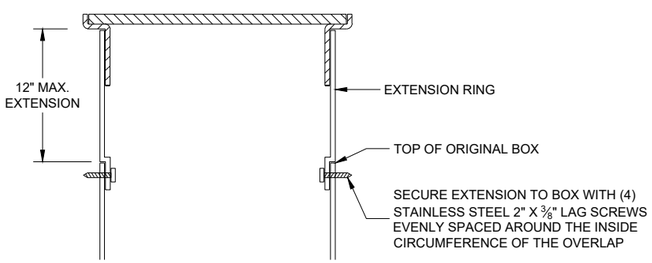
NON-CONDUCTIVE PULL BOX



INSTALLED IN SOD OR CRUSHED AGGREGATE



INSTALLED IN SIDEWALK



BOX EXTENSION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL BOXES, FRAMES AND COVERS SHALL BE SUITABLE FOR TIER 15 LOADING AS SPECIFIED IN ANSI/SCTE 77.

PROVIDE AN OPENING FOR TOOL ASSISTED COVER REMOVAL NOT LARGE ENOUGH TO PERMIT PASSAGE OF A SPHERE MORE THAN ½" DIAMETER

ENSURE COVER SURFACE IS SKID RESISTANT WITH A COEFFICIENT OF FRICTION OF AT LEAST 0.5 AND VERTICAL SURFACE DICONTINUITIES LESS THAN ¼".

COVER SHALL BE MAGNETICALLY LOCATABLE.

BOXES AND EXTENSIONS ARE TRIMMABLE FOR CUSTOM LENGTHS. TRIMMED PIECES SHALL MAINTAIN A UNIFORM LENGTH.

ENTRANCE HOLES INTO PULL BOXES SHALL BE CUT WITH A CIRCULAR HOLE SAW OR HYDRAULIC CONDUIT PUNCH. HOLE SIZE SHALL BE THE OUTSIDE DIAMETER OF THE CONDUIT THAT IS TO FIT IN THE OPENING PLUS NO MORE THAN ¼".

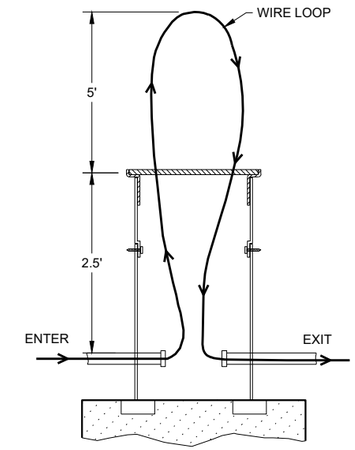
THE CONTRACTOR SHALL NOT INSTALL WIRE IN ANY PULL BOX UNTIL ITS INSTALLATION HAS BEEN INSPECTED AND ACCEPTED BY THE ENGINEER.

ALL METALLIC CONDUIT IN WHICH WIRE AND/OR CABLE IS TO BE INSTALLED, SHALL BE BUSHED BEFORE INSTALLATION OF THE WIRE AND/OR CABLE.

ENTIRE BOX MUST BE CONSTRUCTED OF NON-CONDUCTIVE MATERIALS WITH THE EXCEPTION OF STAINLESS STEEL FASTENERS AND MAGNETIC LOCATABLE DEVICE.

WHEN A PULL BOX IS INSTALLED IN CRUSHED AGGREGATE SHOULDERS, PLACE IT 2-3 INCHES BELOW GRADE AND COVER IT WITH 2-3 INCHES OF CRUSHED AGGREGATE.

LABEL ON COVER SHALL READ "ELECTRIC" FOR SIGNAL AND LIGHTING SYSTEMS, "WISDOT ITS" FOR COMMUNICATIONS AND ITS EQUIPMENT SYSTEMS.



MEASUREMENT DETAIL FOR WIRE/CABLE IN THE PULL BOX

PULL BOXES NON-CONDUCTIVE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 292

FHWA

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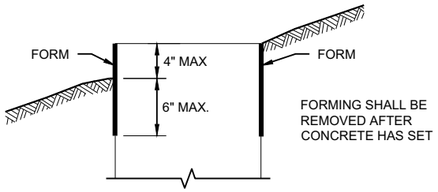
SDD 09B16 - 02

FORM DEPTH SHALL BE NO MORE THAN 6" BELOW GRADE ON THE LOWER SIDE OF BASE



FORMING DETAIL

QUANTITY REQUIREMENTS	CONCRETE BASE TYPE		
	1	2	5 & 6
APPROX. CUBIC YARDS OF CONCRETE	0.40	0.57	0.40
LBS. OF HOOP BAR STEEL	NONE	23	16
LBS. OF VERTICAL BAR STEEL	NONE	60	18

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWINGSHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

BASES SHALL BE EXCAVATED BY USE OF A CIRCULAR AUGER.

TOP SURFACES OF CONCRETE BASES SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS

THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

ENDS OF CONDUIT INSTALLED BELOW GRADE FRO FUTURE USE SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6X THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 1 INCH. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

IF A BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE DIRT OR FILL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING AROUND THE BASE. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BARE CONCRETE BASE IN LAYERS OF 1 FOOT OR LESS.

A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD) FOR TYPE 2, TYPE 5 AND TYPE 6 BASES.

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER ALL BASE TYPES THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

ANCHOR RODS SHALL BE THREADED 12" IN LENGTH ON EACH END OF THE ROD. ANCHOR RODS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 654.2.1 OF THE STANDARD SPECIFICATIONS.

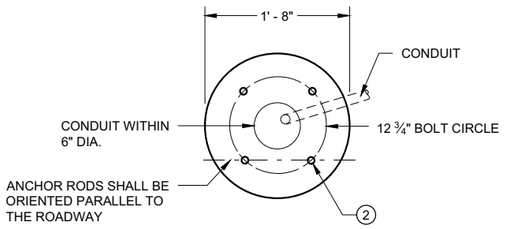
WASHERS AND LOCK WASHERS ARE REQUIRED ON ALL ANCHOR RODS.

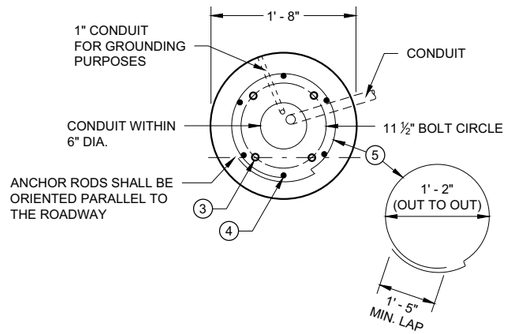
WHEN ANCHOR RODS USING THE ALTERNATE "L" BEND ARE FURNISHED, THE 4 INCH"L" BEND SHALL BE IN ADDITION TO THE SPECIFIED ANCHOR ROD BAR LENGTH. THE "L" BEND SHALL NOT BE THREADED.

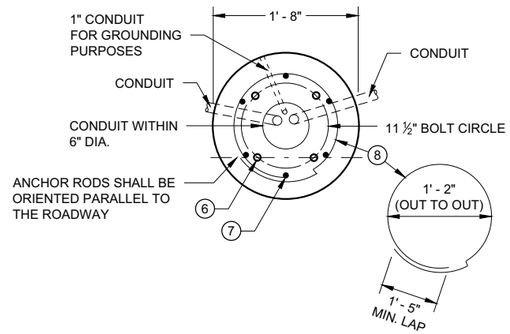
ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

WELDING OF THE ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TIE WIRES SHALL BE USED.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).







1 THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

2 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

3 (4) 1" DIA. X 5' - 0" ANCHOR RODS.

4 (6) NO. 6 X 6' - 8" BAR STEEL REINFORCEMENT.

5 (7) NO. 4 X 5' - 1" BAR STEEL REINFORCEMENT @ 1' - 0" C - C.

6 (4) 1" DIA. X 3' - 6" ANCHOR RODS.

7 (6) NO. 4 X 4' - 8" BAR STEEL REINFORCEMENT.

8 (5) NO. 4 X 5' - 1" BAR STELL REINFORCEMENT @ 1' - 0" C -C.

9 EXOTHERMIC CONNECTION TO EUIPMENT GROUNDING CONDUCTOR

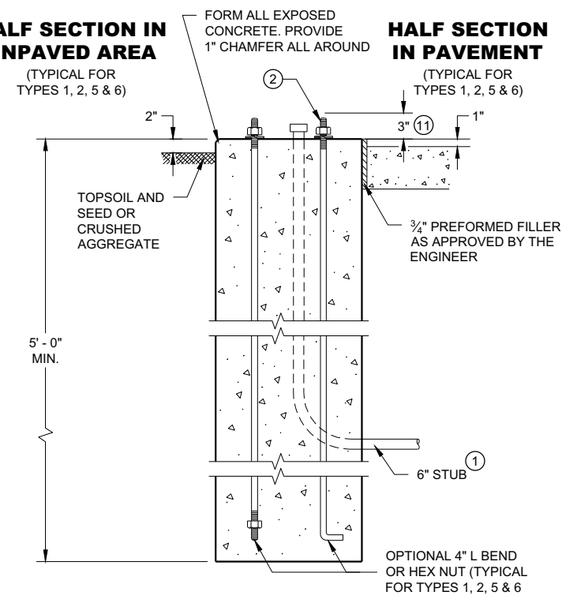
10 ⅝" DIA. X 8' -0" COPPERCLAD EQUIPMENT GROUNDING ELECTRODE REQUIRED

11 ANY ANCHOR ROD PROJECTION SHORTER THAN 2 ¾" OR LONGER THAN 3 ¼" SHALL REQUIRE THE BASE TO BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.

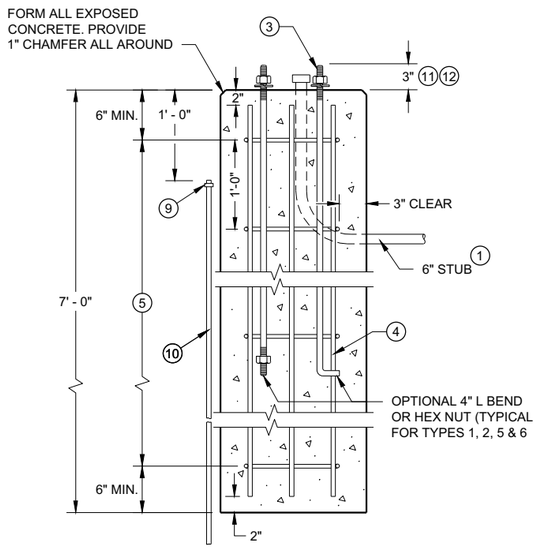
12 FOR NON - BREAKAWAY INSTALLATIONS, 4 ½" ± ANCHOR ROD PROJECTION WITH THE USE OF LEVELING NUTS. RODENT SCREEN REQUIRED.

HALF SECTION IN UNPAVED AREA
(TYPICAL FOR TYPES 1, 2, 5 & 6)

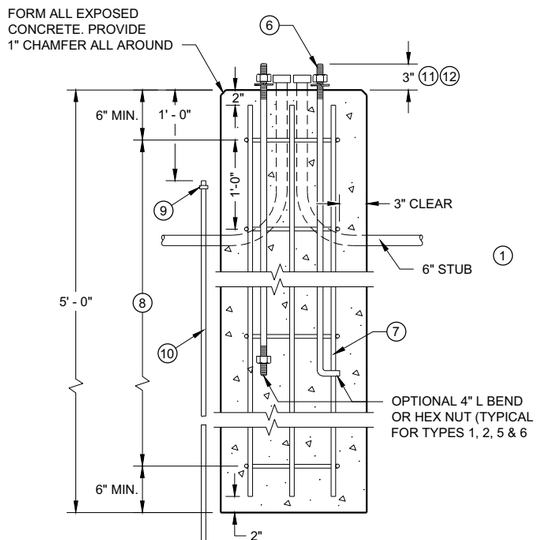
HALF SECTION IN PAVEMENT
(TYPICAL FOR TYPES 1, 2, 5 & 6)



TYPE 1



TYPE 2



TYPE 5 & 6

CONCRETE BASES

CONCRETE BASES TYPES 1, 2, 5, & 6

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2019
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

FHWA

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SDD 09C02 - 09

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

FOUR (4) BOLTS SHALL BE FURNISHED WITH EACH TRANSFORMER BASE. BOLTS SHALL BE 1" DIAMETER, 4" IN LENGTH, WITH WASHERS, LOCK WASHERS AND NUTS. BOLTS, NUTS AND WASHERS SHALL BE MANUFACTURED IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATIONS.

LEVELING SHIMS, IF NEEDED, SHALL BE DESIGNED FOR THE PURPOSE AND USED UNDER CAST BASES WHEN PLUMBING POLES OR STANDARDS DURING INSTALLATION. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE.

SHIM LENGTH SHALL BE LONG ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.

DOUBLE NUTTING IS NOT ACCEPTABLE FOR LEVELING OR MOUNTING PURPOSES.

A NEMA APPROVED, U.L. LISTED, COPPER WITH BRASS OR STAINLESS STEEL SET SCREW, DIRECT BURY RATED, MECHANICAL CONNECTOR (LUG), SIZED TO ACCEPT AWG. #10 TO #4 COPPER STRANDED WIRE SHALL BE FURNISHED AND INSTALLED IN THE PEDESTAL AND TRANSFORMER BASES.

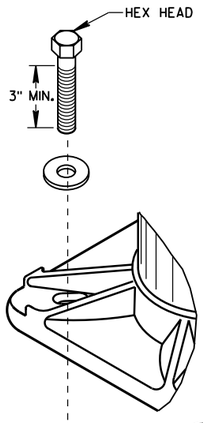
THE MECHANICAL CONNECTOR SHALL BE INSTALLED USING A 1/4" - 20 (TPI) STAINLESS STEEL HEX HEAD BOLT OF SUFFICIENT LENGTH TO FIRMLY ATTACH THE LUG TO THE BASE.

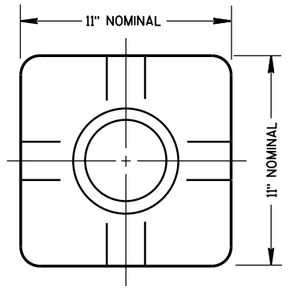
SHOULD THE MANNER OF ATTACHMENT OF THE LUG REQUIRE WASHERS, HEX NUTS, LOCK WASHER - THEY SHALL BE STAINLESS STEEL AS IS THE BOLT. THE MANNER OF ATTACHMENT SHALL NOT BLOCK ACCESSIBILITY TO WIRE PLACEMENT IN THE CONNECTOR.

PEDESTAL BASE COLLAR THREADING SHALL BE TAPERED AND IN ACCORDANCE WITH NATIONAL PIPE THREADING DIMENSIONS.

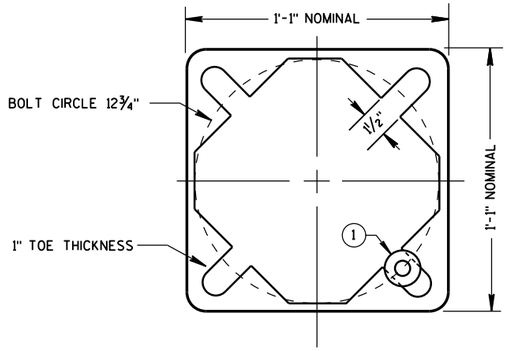
BASE COLLAR THREADING SHALL EXTEND INTO THE BASE COLLAR WITH SUFFICIENT DEPTH TO ACCEPT THE INSTALLATION OF TRAFFIC SIGNAL STANDARDS TO A DEPTH OF 1 1/2", THEN TIGHTENING TO A POINT OF BEING IMMOVABLE.

THE ACCESS DOOR SHALL BE OF THE SAME MATERIAL AS THE BASE.

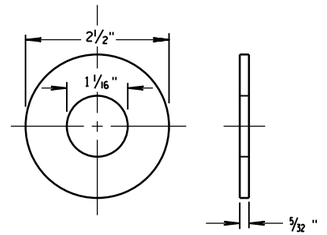




TOP VIEW
(PEDESTAL BASE)

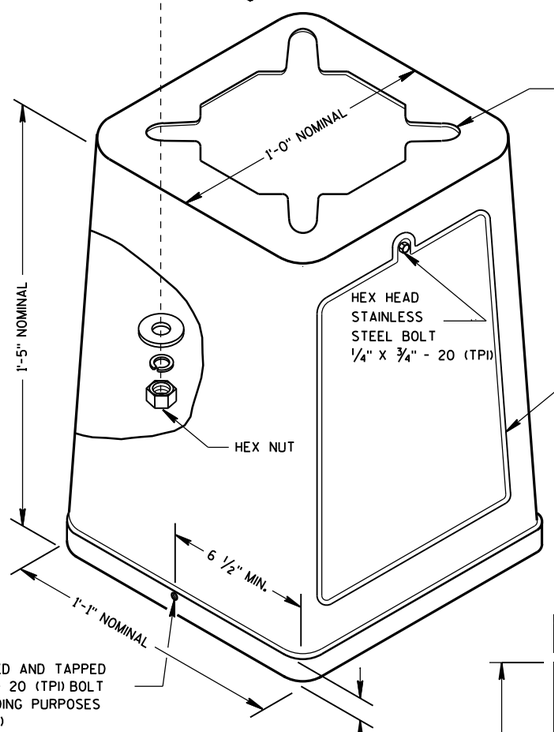


BOTTOM VIEW
(PEDESTAL BASE)

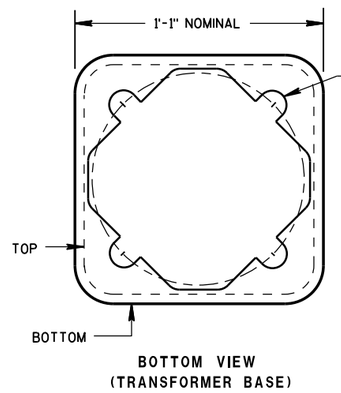


ZINC COATED STEEL WASHER
TO BE PROVIDED BY THE CONTRACTOR

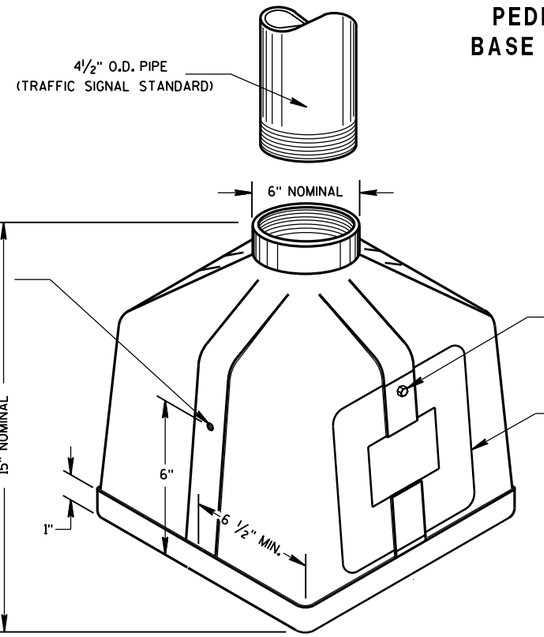
PEDESTAL BASE WASHER (1)



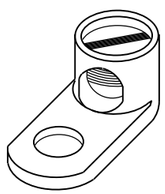
ISOMETRIC VIEW



BOTTOM VIEW
(TRANSFORMER BASE)

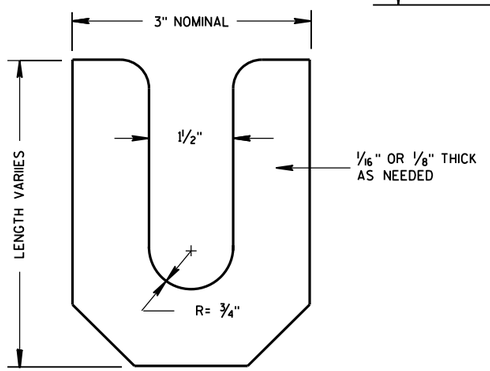


ISOMETRIC VIEW
PEDESTAL BASE



TYPICAL MECHANICAL CONNECTOR LUG
TO BE FURNISHED WITH EACH BASE

TRANSFORMER BASE
INTENDED FOR USE WITH TYPE 2, 3, 4, 5 & 6 POLES



LEVELING SHIM

TRANSFORMER/PEDESTAL BASES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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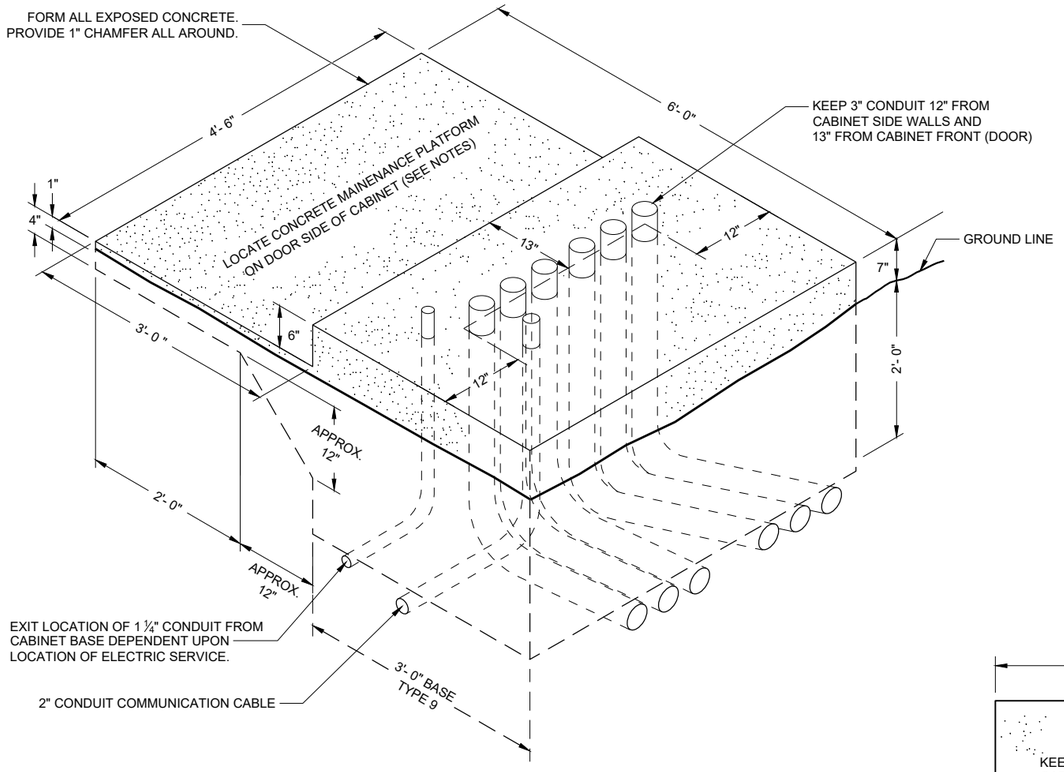
S.D.D. 9 C 3-4

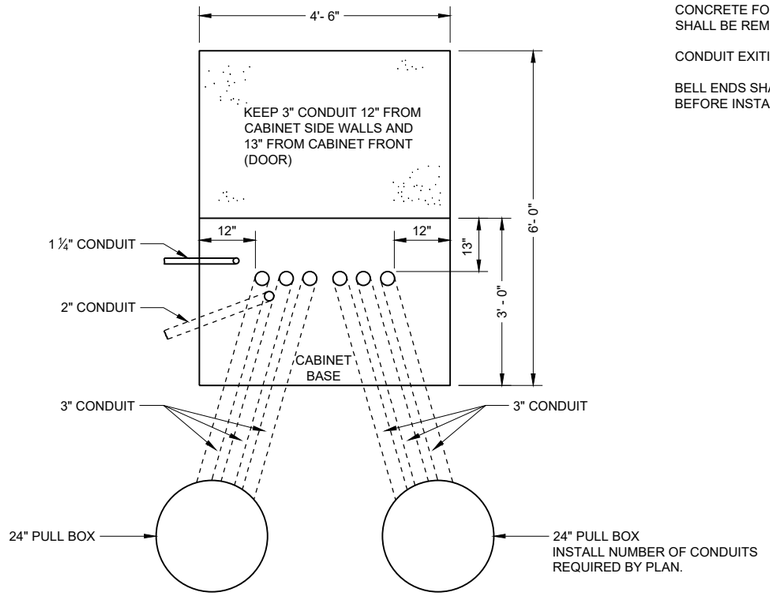
SDD 09C06 Concrete Control Cabinet Base, Type 9, Special



ISOMETRIC VIEW

TYPE 9 SPECIAL

(C.Y. CONCRETE = APPROX. 1.56)



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE 9 SPECIAL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR INCH MINIMUM DIAMETER X 4 INCH MINIMUM LENGTH STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS WITH A PULLOUT STRENGTH OF 9,000 LBS. TO ANCHOR THE CABINET TO TYPE 6, 7, 8, AND 9 BASES. THE ANCHOR STUDS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE (SIX 3") SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE TYPE 9, SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2014
DATE

/S/ Ahmet Demerbilek
STATE ELECTRICAL ENGI 295

FHWA

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SDD 09C06 - 07

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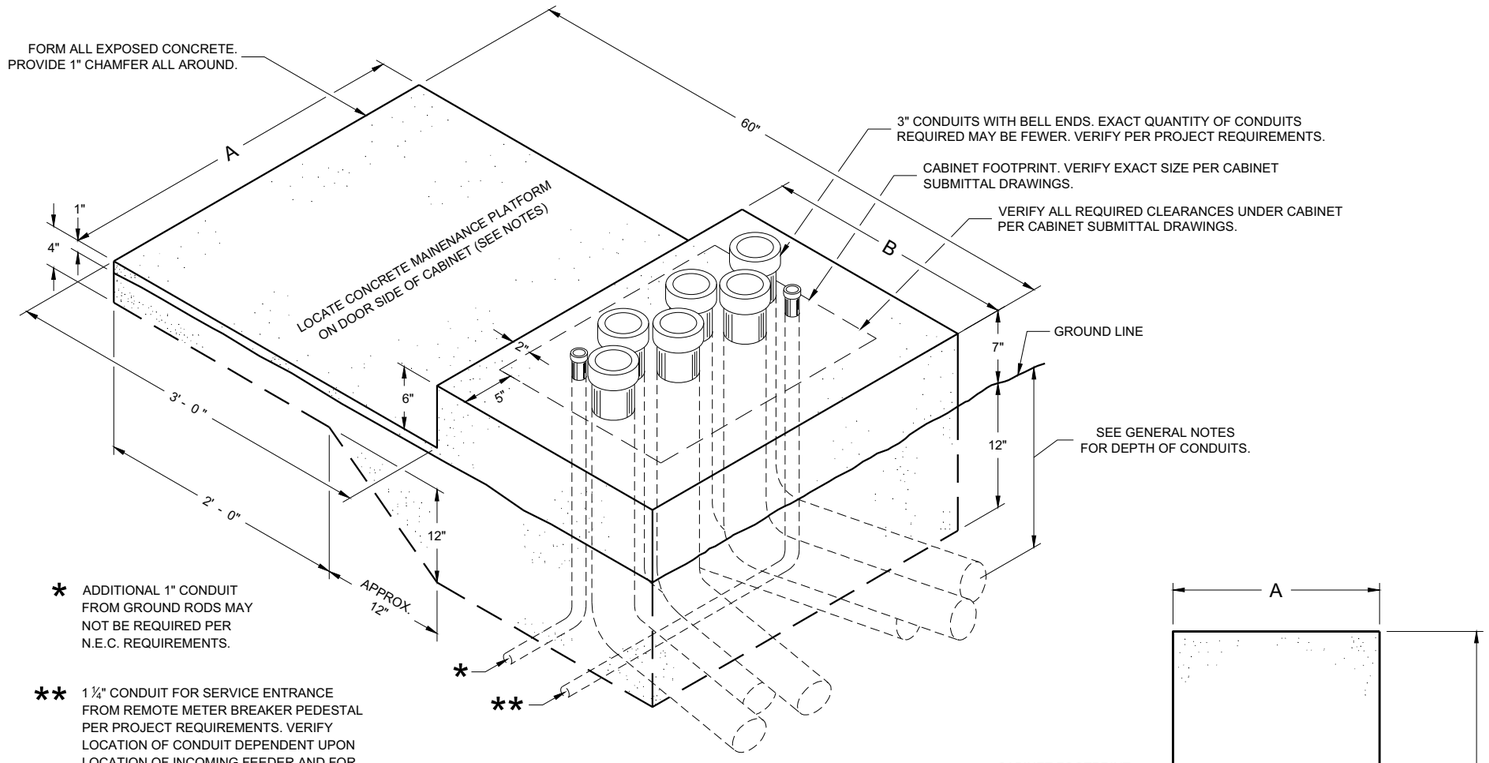
SDD 09C06 - 07



* ADDITIONAL 1" CONDUIT FROM GROUND RODS MAY NOT BE REQUIRED PER N.E.C. REQUIREMENTS.

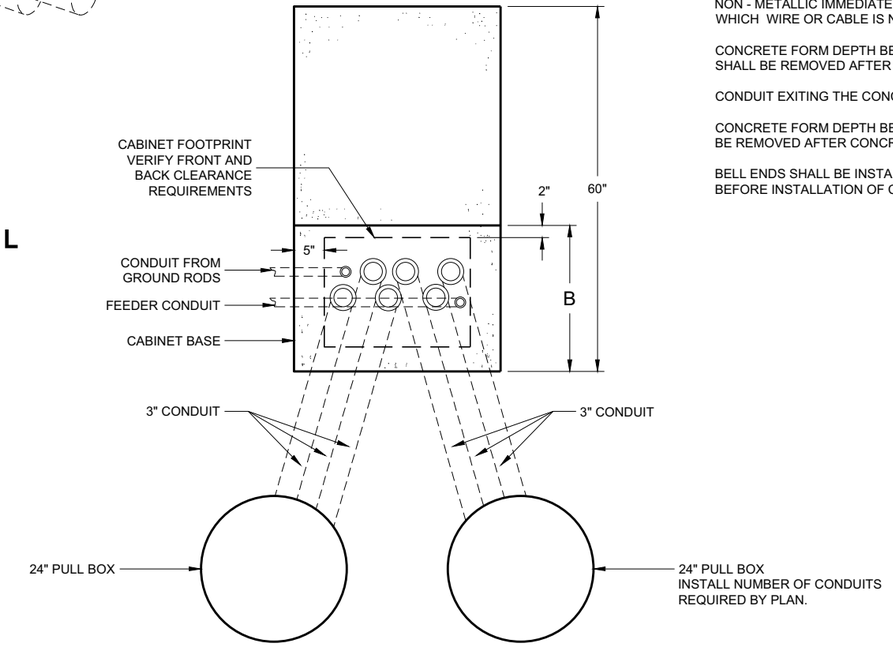
** 1 ¼" CONDUIT FOR SERVICE ENTRANCE FROM REMOTE METER BREAKER PEDESTAL PER PROJECT REQUIREMENTS. VERIFY LOCATION OF CONDUIT DEPENDENT UPON LOCATION OF INCOMING FEEDER AND FOR EASE OF CONNECTION TO LOAD CENTER.

ISOMETRIC VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

(C.Y. CONCRETE = APPROX. 0.4)

CONCRETE BASE TYPE	CABINET WIDTH	DIMENSIONS		MAXIMUM 3" CONDUITS
		A	B	
L24	24"	34"	24"	4
L30	30"	40"	24"	6



PLAN VIEW

CONCRETE CONTROL CABINET BASE, TYPE L

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INSTALL FOUR STAINLESS STEEL APPROVED CONCRETE MASONRY ANCHORS TO ANCHOR THE CABINET BASES. THE ANCHORS SHALL BE LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.

WHEN REQUIRED TO CONNECT NON - METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U. L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 1 INCH.

DEPTH OF CONDUIT INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES MINIMUM AND 36 INCHES MAXIMUM.

DEPTH OF CONDUIT INSTALLED THAT IS NOT BELOW THE TRAVELED WAY SHALL BE 18 INCHES MINIMUM AND 36 INCHES MAXIMUM.

ANY EXCEPTION TO THE MAXIMUM DEPTH SHALL BE ONLY WITH THE WRITTEN APPROVAL OF THE ENGINEER.

LOCATIONS SHALL BE AS SHOWN ON THE PLANS UNLESS DETERMINED BY THE ENGINEER IN THE FIELD.

CONTROL CABINET BASE TOP SURFACE SHALL BE TROWEL FINISHED SMOOTH AND LEVEL.

MAINTENANCE PLATFORM SHALL BE FLOAT OR BROOM FINISHED AND LEVEL.

MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.

MINIMUM BENDING RADIUS OF CONDUIT EQUALS 6 TIMES THE DIAMETER.

ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.

CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

PLUG ALL BELOW GRADE NON - METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON - METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCHES MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

CONDUIT EXITING THE CONCRETE BASE SHALL TERMINATE IN PULL BOXES AS SHOWN ON THE PLANS.

CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6 INCH MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF THE CONCRETE BASE BEFORE INSTALLATION OF CABLE OR WIRE.

CONCRETE CONTROL CABINET BASE, TYPE L

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 296

FHWA

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SDD 09C14 - 03

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

BASES (SHAFT) SHALL BE EXCAVATED BY THE USE OF A CIRCULAR AUGER. IF BASE REQUIRES A DEEP FORM BECAUSE OF LOOSE SOIL, THE FORM SHALL BE REMOVED BEFORE BACKFILLING. A STEEL CASING OR CORRUGATED METAL PIPE IS ALLOWED TO REMAIN. BACKFILL SHALL BE TAMPED TIGHT AGAINST THE BASE IN LAYERS OF ONE FOOT OR LESS.

TOP SURFACE OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

ANY DAMAGE TO THE CONCRETE BASE AND ANCHOR RODS DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT THE ENGINEER'S DIRECTION, AT THE EXPENSE OF THE CONTRACTOR.

THE REINFORCEMENT AND ANCHOR RODS SHALL BE ADEQUATELY SUPPORTED IN THE PROPER POSITIONS SO NO MOVEMENT OCCURS DURING CONCRETE PLACEMENT.

ORIENT ANCHOR RODS IN FOOTING AND PROVIDE ANCHOR RODS STICK OUT ABOVE TOP OF CONCRETE FOOTING BASE PER THIS SHEET.

ANCHOR RODS SHALL BE INSTALLED WITH MISALIGNMENTS OF LESS THAN 1:40 FROM VERTICAL.

BAR STEEL REINFORCEMENT SHALL BE COATED WITH POWDERED EPOXY RESIN IN ACCORDANCE WITH SECTION 505 OF THE STANDARD SPECIFICATIONS (LATEST EDITION).

BENDING DIMENSIONS FOR REINFORCING BARS ARE OUT TO OUT.

WELDING OF ANCHOR RODS TO THE CAGE IS UNACCEPTABLE. TEMPLATES SHALL BE USED.

USE 3" CLEAR FOR ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

FORM ALL EXPOSED CONCRETE CORNERS WITH 1" CHAMFER ALL AROUND. TOP OF THE CONCRETE BASE SHALL BE TROWEL FINISHED AND LEVEL.

CONDUIT SIZES AND LOCATIONS SHALL BE SHOWN ON THE PLANS.

MINIMUM BENDING RADIUS OF CONDUIT IS EQUAL TO 6 TIMES THE DIAMETER.

CONDUIT HEIGHT ABOVE CONCRETE BASES SHALL BE 4 ½" INCHES. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED. NON-METALLIC CONDUIT SHALL HAVE BELL ENDS INSTALLED. ALL CONDUIT SHALL SLOPE TO PULL BOX.

ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NON-METALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT INSTALLED SHALL REMAIN CAPPED OR PLUGGED.

BELL ENDS SHALL BE INSTALLED ON ALL PVC CONDUIT EXPOSED AT THE TOP OF CONCRETE BASES BEFORE INSTALLATION OF CABLE OR WIRE.

WHEN REQUIRED TO CONNECT NON-METALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.

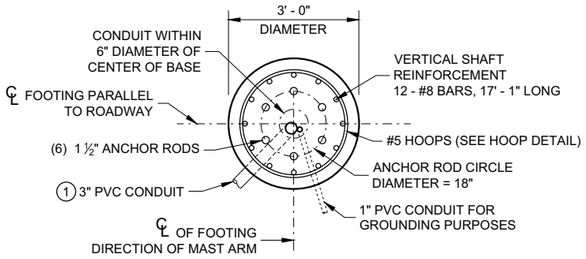
A NO. 4 AWG STRANDED COPPER EQUIPMENT GROUNDING CONDUCTOR SHALL BE EXOTHERMICALLY WELDED TO THE EQUIPMENT GROUNDING ELECTRODE (GROUND ROD).

THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE FURNISHED AND INSTALLED TO ENTER THE BASE THROUGH A 1 INCH CONDUIT INSTALLED FOR GROUNDING PURPOSES, LEAVING A 4 FOOT COIL OF WIRE ABOVE THE CONCRETE BASE. THE EQUIPMENT GROUNDING CONDUCTOR SHALL BE NEATLY COILED AND THE COILS TIED TOGETHER.

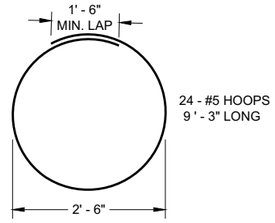
THE FINAL OR TERMINATING CONCRETE BASE IN A CONDUIT RUN SHALL HAVE A 6" EXIT STUB INSTALLED FOR FUTURE CABLING USE. THE EXIT STUB SHALL BE SIZED AS USED THROUGHOUT THE CONDUIT RUN AS SHOWN A THE ENTRANCE OF THE BASE.

(1) THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE AND INSTALLED BELOW THE TRAVELED WAY SHALL BE 24 INCHES. THE MINIMUM DEPTH OF CONDUIT EXITING THE CONCRETE BASE THAT IS NOT INSTALLED BELOW THE TRAVELED WAY SHALL BE 18 INCHES. THE MAXIMUM DEPTH OF ALL CONDUIT SHALL BE 36 INCHES (GREATER THAN 36 INCHES IF INSTALLED IN BREAKER RUN) EXCEPT WITH WRITTEN APPROVAL OF THE ENGINEER.

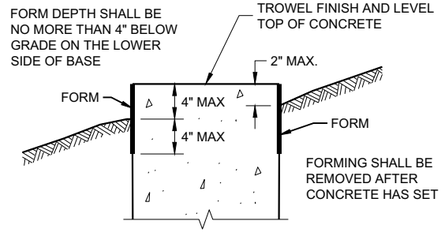
CONCRETE MASONRY.....fc = 3,500 p.s.i
HIGH STRENGTH BAR STEEL REINFORCEMENT, GRADE 60.....fy = 60,000 p.s.i.
ANCHOR RODS, ASTM F1554 GRADE 55 (IN ACCORDANCE WITH SECTION 531.2.2 OF THE STANDARD SPECIFICATION).....fy = 55,000 p.s.i.
TEMPLATES, ASTM A709, GRADE 36.....fy = 36,000 p.s.i.



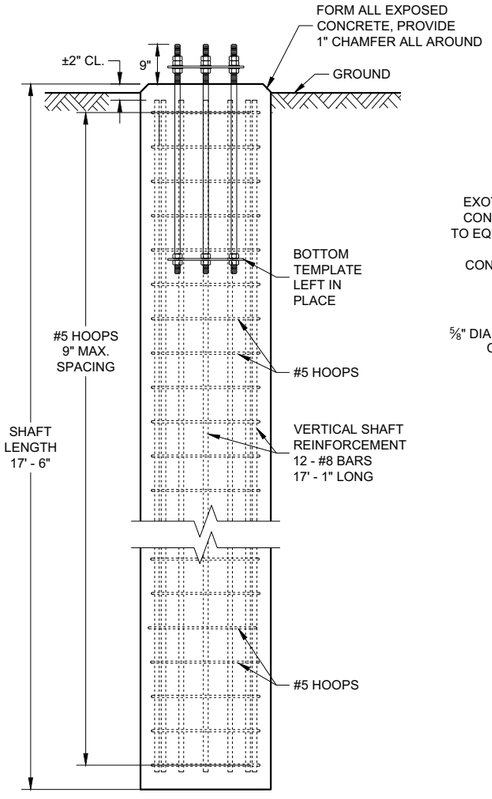
PLAN VIEW



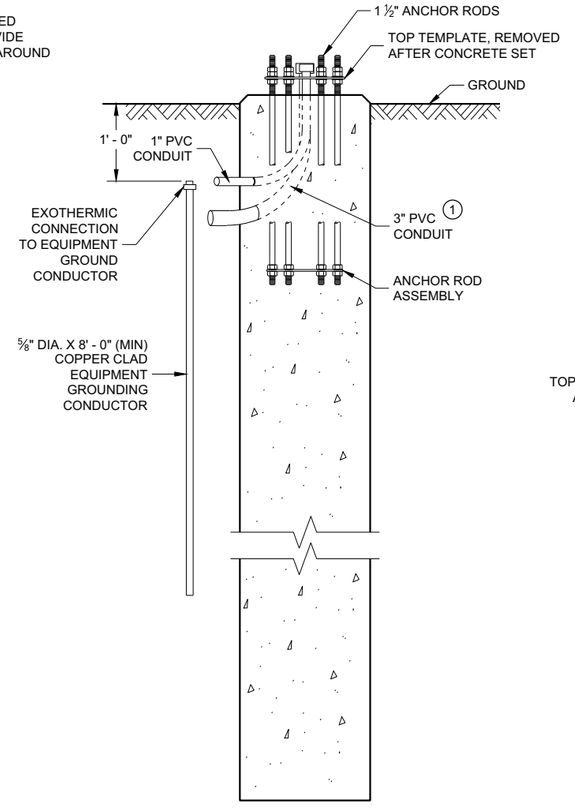
HOOP DETAIL



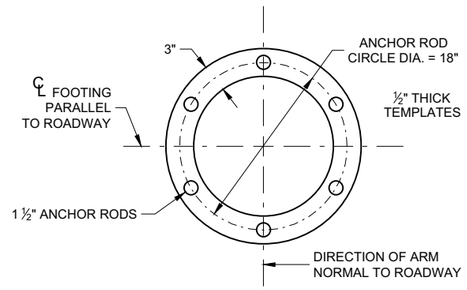
FORMING DETAIL



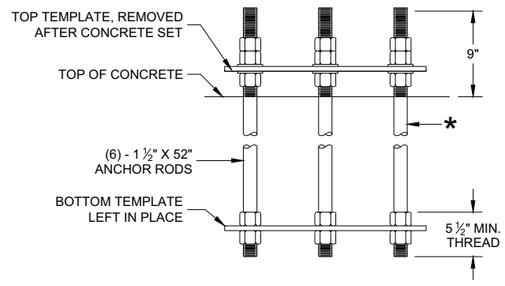
ELEVATION VIEW
(CONDUITS NOT SHOWN ON THIS VIEW FOR CLARITY)



SIDE VIEW
(HOOPS AND VERTICAL SHAFT REINFORCEMENT NOT SHOWN ON THIS VIEW FOR CLARITY)



TOP AND BOTTOM TEMPLATE



ANCHOR ROD ASSEMBLY DETAILS

* THREAD TOP 10" OF ANCHOR ROD FOR 3 NUTS AND 2 WASHERS AND BOTTOM 5 ½" FOR 2 NUTS PER ANCHOR ROD. HOT DIP GALVANIZE THE ENTIRE LENGTH OF THE ANCHOR ROD (ASTM A123) AND HOT DIP NUTS AND WASHERS (ASTM A153. USE ZINC COATED NUTS MANUFACTURED WITH SUFFICIENT ALLOWANCE TO ALLOW NUTS TO RUN FREELY ON THE THREADS.

CONCRETE BASE, TYPE 10 SPECIAL
(FOR TYPE 9 SPECIAL AND TYPE 10 SPECIAL POLES)

CONCRETE = 4.6 CUBIC YARD
H.S. REINFORCEMENT = 779 LBS.

FOR USE WHEN GROUND ELEVATION AT BASE EQUALS OR IS GREATER THAN HIGH POINT OF ROADWAY ELEVATION.

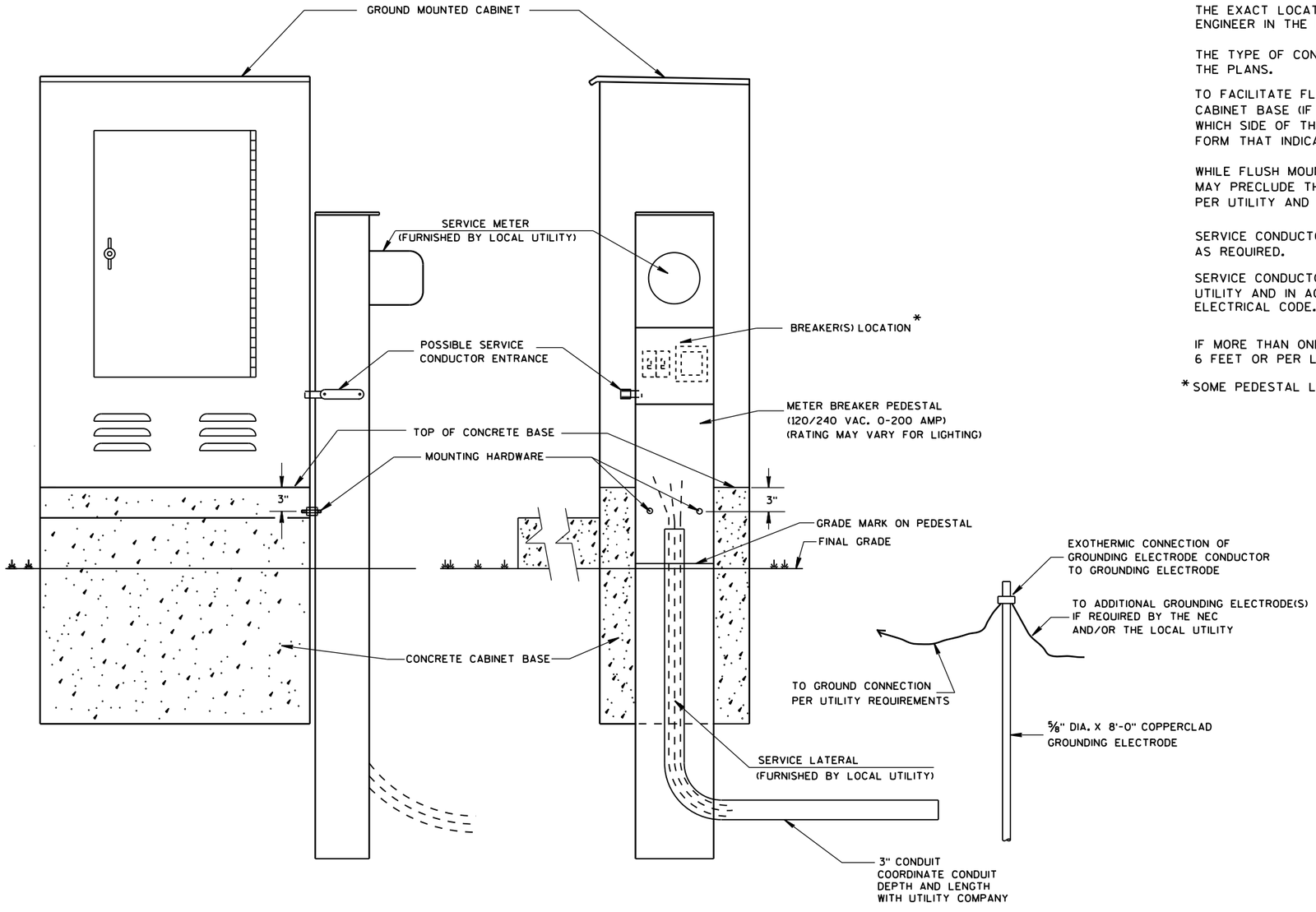
CONCRETE BASE TYPE 10 SPECIAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020 — DATE
/S/ Alex Crabtree — WIND LOADED STRUCTU PROGRAM LEADER
FHWA

SDD 09C15 - 01

SDD 09C15 - 01



TYPICAL CABINET SERVICE INSTALLATION

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

THE EXACT LOCATION OF THE METER BREAKER PEDESTAL SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE TYPE OF CONCRETE CABINET BASE TO BE INSTALLED SHALL BE AS CALLED FOR IN THE PLANS.

TO FACILITATE FLUSH MOUNTING OF THE METER BREAKER PEDESTAL AGAINST THE SIDE OF THE CABINET BASE (IF FLUSH MOUNTING POSSIBLE. CONFER WITH THE LOCAL UTILITY TO DETERMINE WHICH SIDE OF THE CONCRETE BASE THE ELECTRICAL SERVICE LATERAL WILL APPROACH. THEN FORM THAT INDICATED SIDE FOR FULL SIDE DEPTH.

WHILE FLUSH MOUNTING IS THE MOST DESIRABLE MOUNTING CONFIGURATION UTILITY REQUIREMENTS MAY PRECLUDE THIS OPTION. CONTRACTOR MUST PROVIDE UTILITY APPROVED PEDESTAL AND INSTALL PER UTILITY AND MANUFACTURERS REQUIREMENTS.

SERVICE CONDUCTOR ENTRANCES SHALL BE RIGID METALLIC CONDUIT, NIPPLES AND/OR CONDULETS AS REQUIRED.

SERVICE CONDUCTOR ENTRANCES SHALL BE SIZED AND LOCATED AS REQUIRED BY THE LOCAL UTILITY AND IN ACCORDANCE WITH APPROPRIATE ARTICLES OF THE LATEST ACCEPTED NATIONAL ELECTRICAL CODE.

IF MORE THAN ONE GROUNDING ELECTRODE IS REQUIRED, THE DISTANCE APART SHALL BE 6 FEET OR PER LOCAL UTILITY REGULATIONS.

* SOME PEDESTAL LIGHTING PLANS SHOW MAIN LUGS ONLY.

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S.D.D. 9 D 1-5

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S.D.D. 9 D 1-5

CABINET SERVICE INSTALLATION (METER BREAKER PEDESTAL)

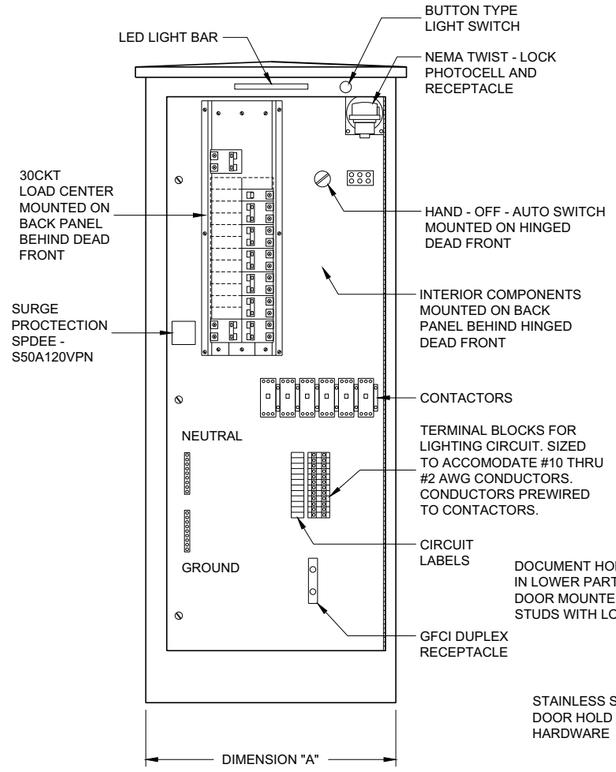
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014
DATE

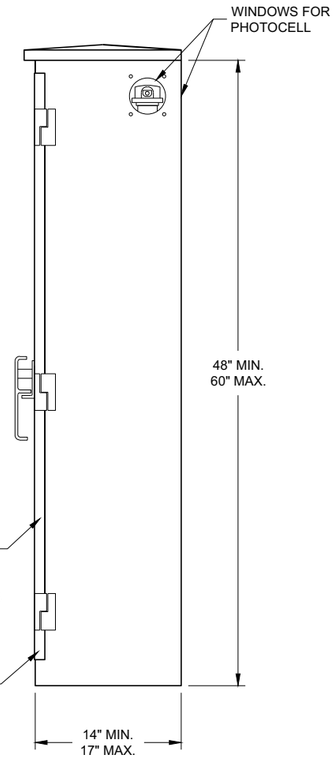
/S/ Ahmet Demirbilek
STATE ELECTRICAL

FHWA

FRONT INTERIOR ELEVATION



SIDE VIEW



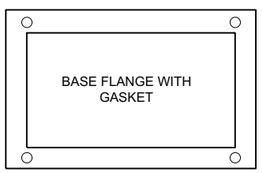
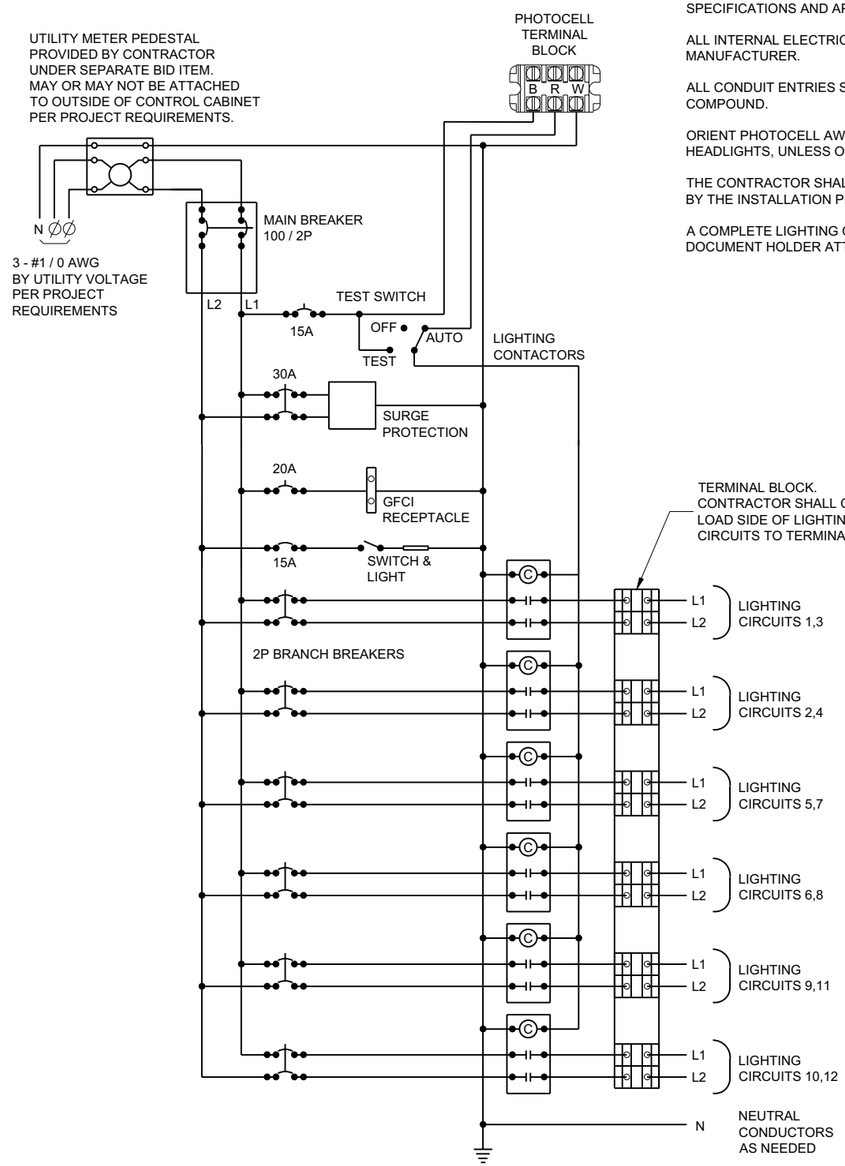


TABLE OF DIMENSIONS (INCHES)		
CONCRETE BASE TYPE	CABINET WIDTH	DIMENSION "A"
L24	24"	24"
L30	30"	30"

LIGHTING CONTROL CABINET



CONTROL CABINET SCHEMATIC

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.

ALL INTERNAL ELECTRICAL COMPONENTS WILL BE PRE - WIRED BY THE CABINENT MANUFACTURER.

ALL CONDUIT ENTRIES SHALL BE SEALED WITH AN APPROPRIATE DUCT SEALING COMPOUND.

ORIENT PHOTOCELL AWAY FROM AMBIENT LIGHT SOURCES AND ONCOMING TRAFFIC HEADLIGHTS, UNLESS OTHERWISE CALLED FOR IN THE SPECIAL PROVISION.

THE CONTRACTOR SHALL TOUCH UP ANY DAMAGE TO THE ANODIZED FINISH CAUSED BY THE INSTALLATION PROCESS. COLOR MATCH PAINT SHALL BE USED.

A COMPLETE LIGHTING OR ELECTRICAL PLAN SHALL BE SECURELY PLACED IN THE DOCUMENT HOLDER ATTACHED TO THE DOOR.

LIGHTING CONTROL CABINET
120 / 240 VOLT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 299

FHWA

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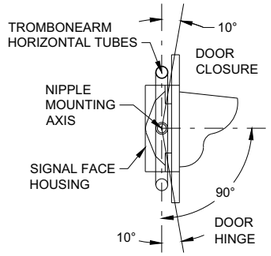
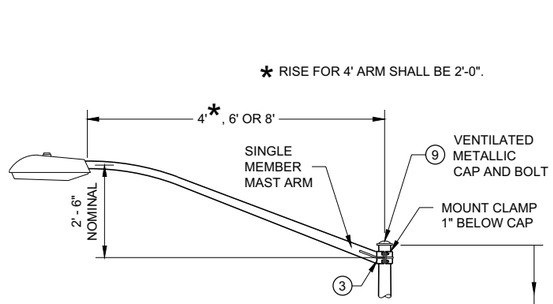
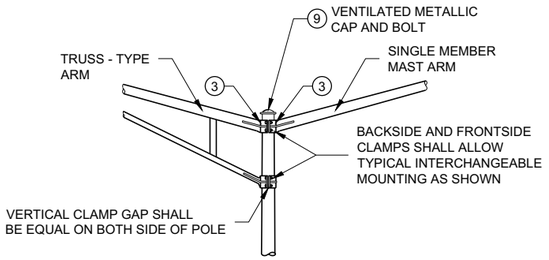
SDD 09D04 - 03

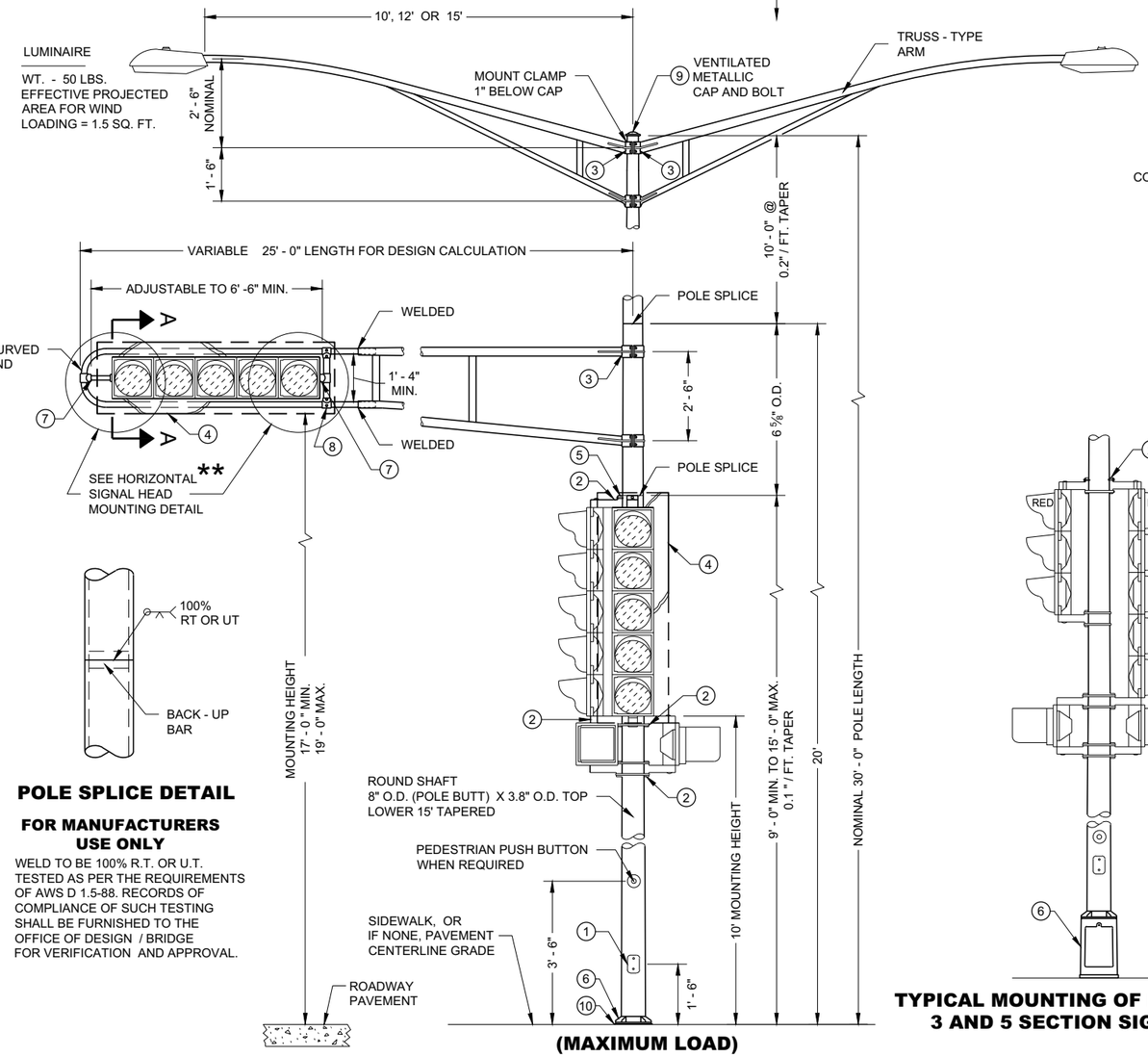


SECTION A-A

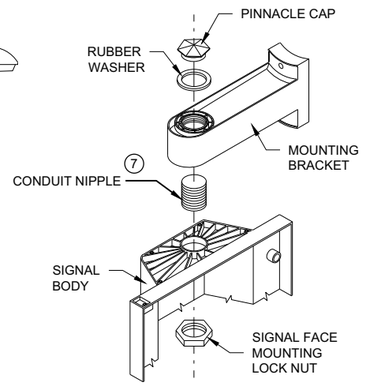




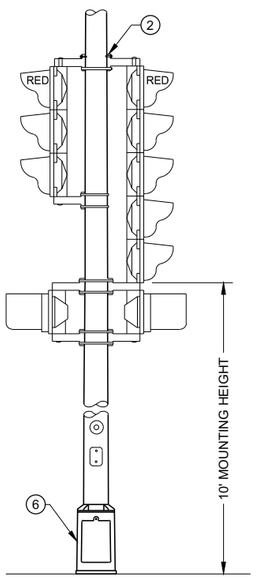
INTERCHANGEABLE MOUNTING DETAIL



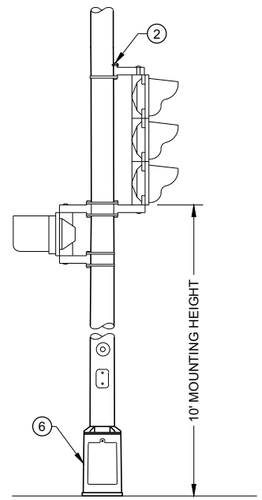
(MAXIMUM LOAD)



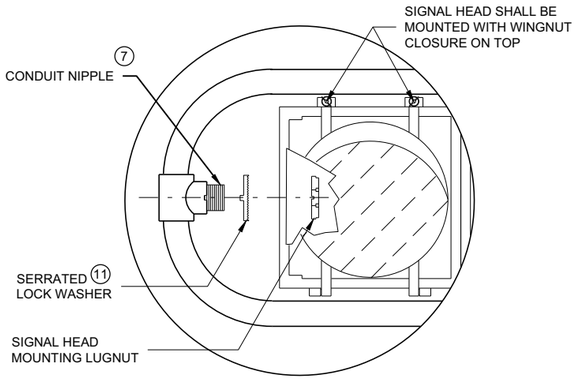
SIGNAL FACE MOUNTING DETAIL
(BANDED)



TYPICAL MOUNTING OF BACK TO BACK 3 AND 5 SECTION SIGNAL FACES



TYPICAL MOUNTING OF 3 SECTION SIGNAL FACE



HORIZONTAL SIGNAL HEAD ** MOUNTING DETAIL

** SIGNAL HEAD ATTACHMENT ALSO APPLIES TO MOUNTING AT CROSS BAR

POLE SPLICE DETAIL

FOR MANUFACTURERS USE ONLY

WELD TO BE 100% R.T. OR U.T. TESTED AS PER THE REQUIREMENTS OF AWS D 1.5-88. RECORDS OF COMPLIANCE OF SUCH TESTING SHALL BE FURNISHED TO THE OFFICE OF DESIGN / BRIDGE FOR VERIFICATION AND APPROVAL.

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

ALL TYPE 3 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

A PULL WIRE / ROPE SHALL BE INSTALLED IN EACH TROMBONE ARM RACEWAY DURING THE MANUFACTURING PROCESS.

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 3/8 INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

(2) SIGNAL FACE MOUNTING BRACKETS. MOUNT WITH CAP SCREWS AND BANDING.

(3) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 3/8" HOLE IN POLE SHAFT FOR WIRING.

(4) SECURELY MOUNT DULL BLACK POLYCARBONATE BACKPLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURER'S RECOMMENDATIONS.

(5) POLE MOUNTED SIGNAL FACES SHALL REQUIRE ONE OR MORE MOUNTING SPACERS UNDER THE TOP MOUNTING BRACKET(S) AS REQUIRED, TO PLUMB THE SIGNAL FACE.

(6) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED. UNDER MAX LOADING, TYPE 3 POLE SHALL BE MOUNTED DIRECTLY TO ITS CONCRETE BASE.

(7) USE 1 ½" ID NIPPLES ZINC-COATED RIGID METAL CONDUIT, LONG ENOUGH TO ACCOMMODATE FULL DEPTH THREADING INTO THE HEAD MOUNTING LOCK NUT IN ORDER TO TIGHTEN THE FACE, BUT THAT DO NOT INTERFERE WITH REFLECTOR CLOSURE. THREAD THE NIPPLE INTO THE MOUNTING BRACKET/ELBOW UNTIL TIGHT. USE APPROVED PINNACLE TYPE HARDWARE FROM A DEPARTMENT APPROVED MANUFACTURER TO CLOSE THE UNUSED 1 ½" OPENING IN SIGNAL FACES AND BRACKET ENDS.

(8) VERTICAL STRUT (ADJUSTABLE). ONE (1) SET SCREW (¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD) INTO EACH ARM MEMBER IF STRUT IS THE SLIDING TYPE.

(9) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(10) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(11) USE SERRATED LOCK WASHERS WITH NOTCHES BETWEEN END TEE AND SIGNAL HEAD.

TYPE 3 POLE MOUNTING CONFIGURATION

POLE MOUNTINGS FOR TRAFFIC SIGNALS AND LIGHTING UNITS TYPE 3 (HEAVY DUTY)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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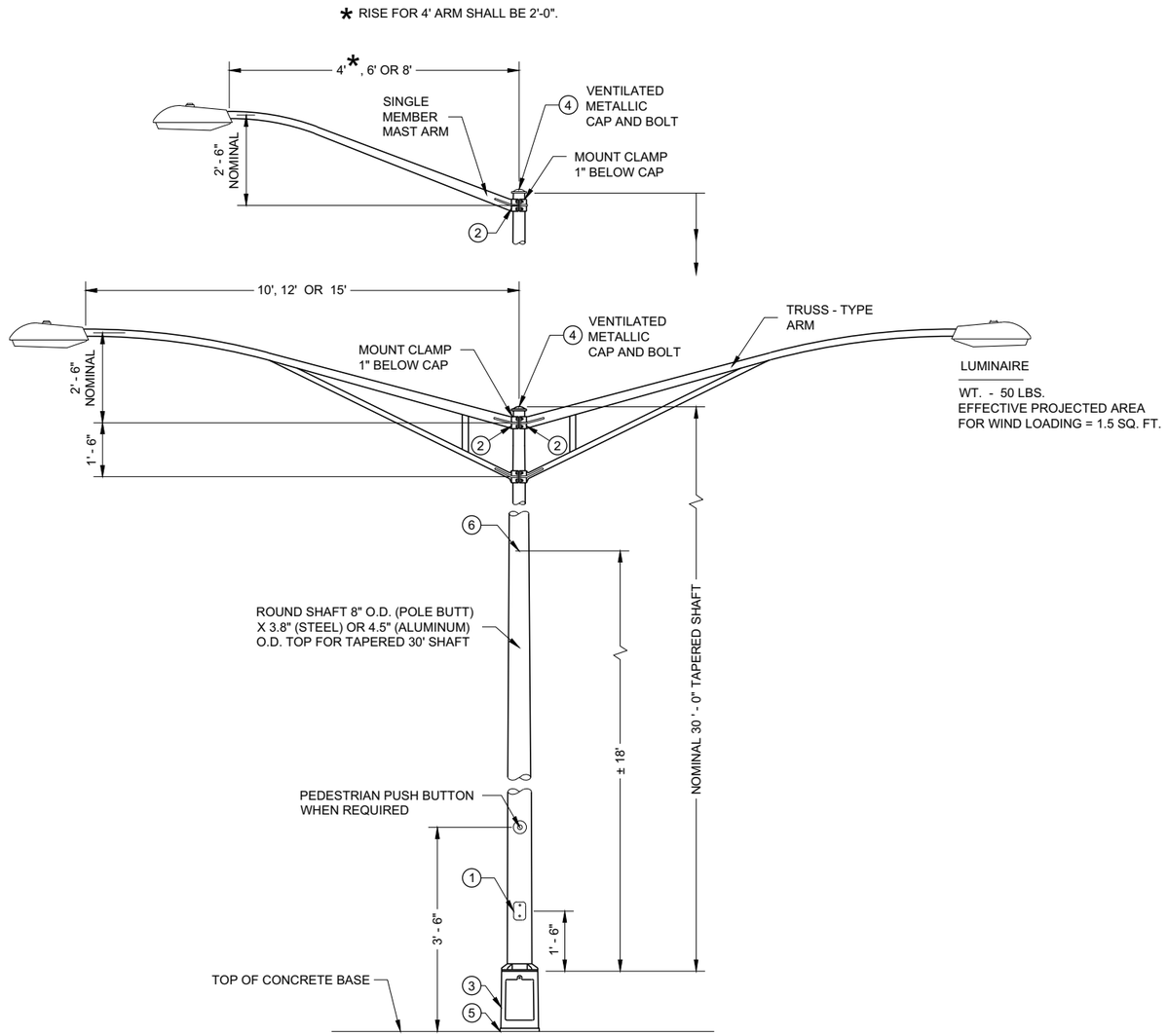
SDD 09E01 - 15b



TYPE 5 POLE MOUNTING CONFIGURATION

(MAXIMUM LOAD)

LIGHTING ONLY

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

SECTION 657, POLES, OF THE STANDARD SPECIFICATIONS SHALL APPLY TO THIS DRAWING.

ALL TYPE 5 POLE MOUNTINGS SHALL BE DESIGNED TO INCLUDE TWIN 15' ARMS WITH LUMINAIRES.

POLES SHALL BE GALVANIZED STEEL OR ALUMINUM, AS CALLED FOR IN THE CONTRACT.

TYPE 5 ALUMINUM POLES SHALL BE CONSTRUCTED OF 6063 - T6 ALUMINUM ALLOY. SLEEVING INSIDE THE POLE IS NOT ACCEPTABLE.

TYPE 5 ALUMINUM POLES SHALL HAVE A MINIMUM WALL THICKNESS OF 0.1888".

TYPE 5 STEEL POLES SHALL HAVE A MINIMUM WALL THICKNESS OF U.S. STANDARD 11 GAGE (0.1196").

THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 2 ⅜ INCHES IN OUTSIDE DIAMETER. THE STRAIGHT PORTION OF THE SLIPFITTER END OF THE LUMINAIRE MAST ARM SHALL BE A NOMINAL 12 INCHES IN LENGTH.

WHEN TRANSFORMER BASES ARE USED, WIRE CONNECTIONS SHALL BE MADE IN THE TRANSFORMER BASE.

(1) 4" X 6" REINFORCED HANDHOLE AND COVER ASSEMBLY WITH TWO (2) ¼" X ¾" - 20 TPI , STAINLESS STEEL, HEX HEAD BOLTS.

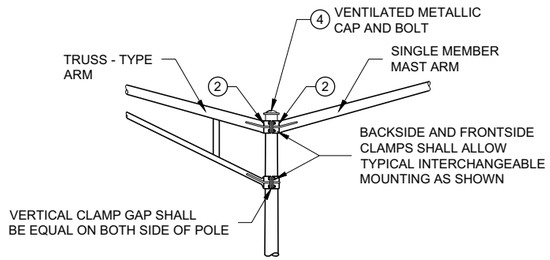
(2) GROMMETS. 1" CHASE NIPPLES OR 1" CLOSE CONDUIT NIPPLES WITH BUSHINGS SHALL BE PROVIDED FOR 1 ⅜" HOLE IN POLE SHAFT FOR WIRING.

(3) CAST ALUMINUM TRANSFORMER BASE, WHEN REQUIRED.

(4) FURNISH AND INSTALL VENTILATED, CAST METALLIC (ALUMINUM ALLOY) CAPS. FASTEN CAPS WITH ONE (1) ¼" X ¾" - 20 TPI STAINLESS STEEL, HEX HEAD BOLT.

(5) SHIMMING, IF NEEDED, SHALL BE LOCATED BETWEEN THE CONCRETE FOUNDATION AND POLE.

(6) INTERNAL DUMBBELL - TYPE VIBRATION DAMPER.



INTERCHANGEABLE MOUNTING DETAIL

POLE MOUNTINGS FOR LIGHTING UNITS, TYPE 5 (30 FEET)

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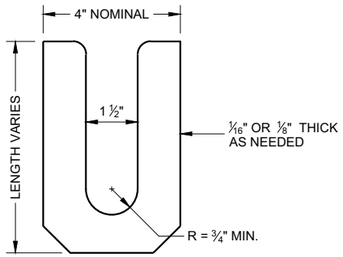
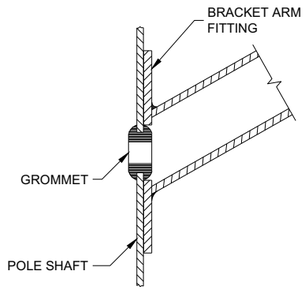
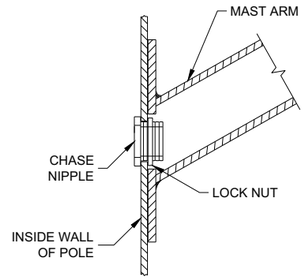
SDD 09E01 - 15d



LEVELING SHIM (1)
SHALL BE ALUMINUM



TYPICAL APPLICATION OF GROMMET IN POLE SHAFT



TYPICAL APPLICATION OF CHASE NIPPLE IN POLE SHAFT

GENERAL NOTES

CLAMP BOLT-NUT TIGHTENING TORQUE SHALL BE INDICATED BY INDENT STAMPING (1/2 INCH NUMERALS AND LETTERS) OR WEATHERPROOF PRINTING ON THE INSIDE OF THE CLAMP THAT IS WELDED TO THE ARM MEMBER.

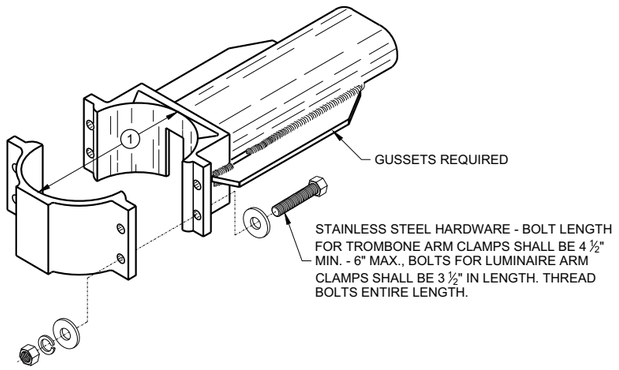
(1) 4.5" I.D. FOR LUMINAIRE MAST ARM CLAMP. 6.625" I.D. FOR TROMBONE MAST ARM CLAMP.

(2) INDIVIDUAL BASE PLATE ANCHOR ROD COVERS. (4 REQUIRED)

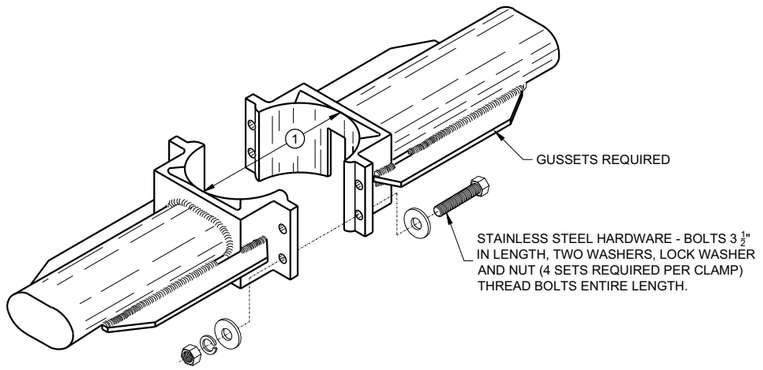
(3) BASE PLATE SLOTTED TO ACCEPT 11" THROUGH 12" BOLT CIRCLE USING 1" DIAMETER ANCHOR RODS.

(4) LEVELING SHIMS, DESIGNED FOR THE PURPOSE, SHALL BE USED WHEN PLUMBING POLES. THE USE OF WASHERS IN LIEU OF PROPER LEVELING SHIMS IS NOT ACCEPTABLE. LEVELING SHIMS SHALL BE USED ONLY BETWEEN THE TOP OF THE CONCRETE BASE AND A METALLIC BASE PLATE.

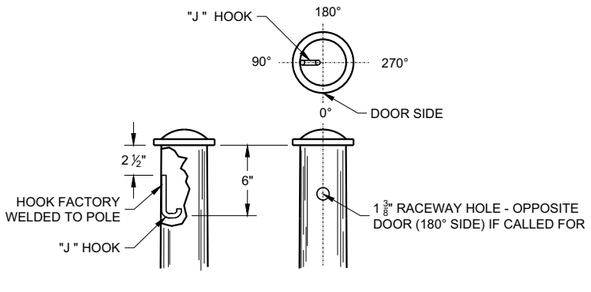
SHIMS SHALL BE LONG ENOUGH AND WIDE ENOUGH TO COMPLETELY COVER THE AREA UNDER THE LENGTH AND WIDTH OF THE BASE MOUNTING FLANGE.



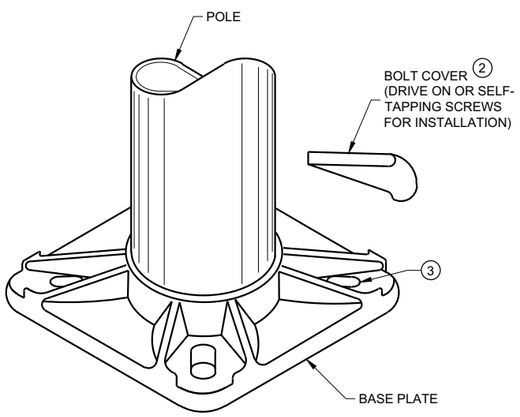
TYPICAL TROMBONE MAST ARM AND SINGLE LUMINAIRE MAST ARM MOUNTING CLAMP



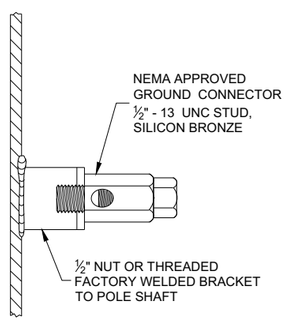
TYPICAL LUMINAIRE MAST ARM (DOUBLE) MOUNTING BRACKETS

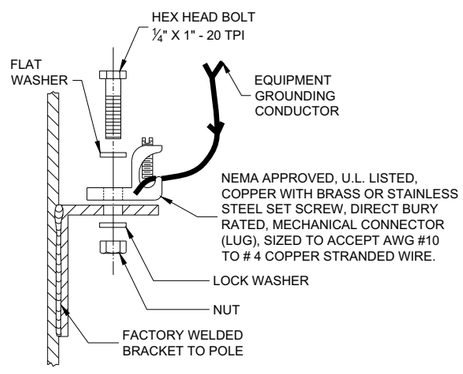


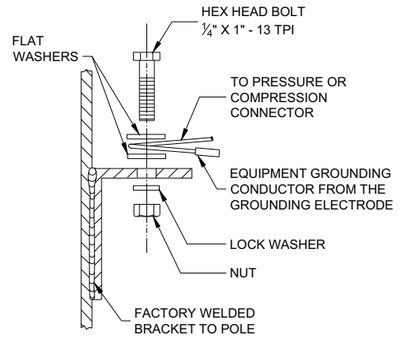
TYPICAL "J" HOOK LOCATION



BASE PLATE







TYPICAL GROUNDING CONNECTIONS
NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL

HARDWARE DETAILS FOR POLE MOUNTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 302

FHWA

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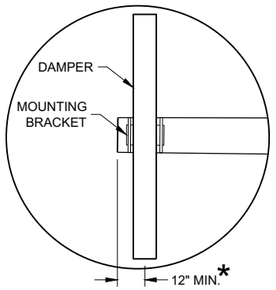
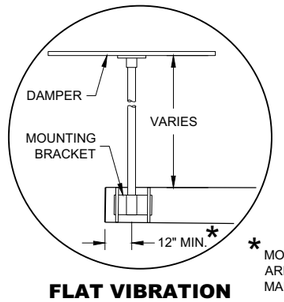
SDD 09E01 - 15g

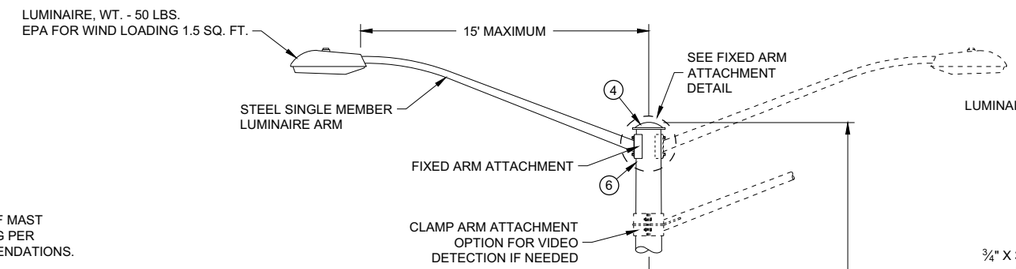


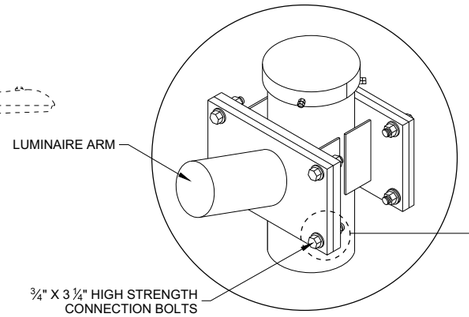
DUMBBELL VIBRATION DAMPER



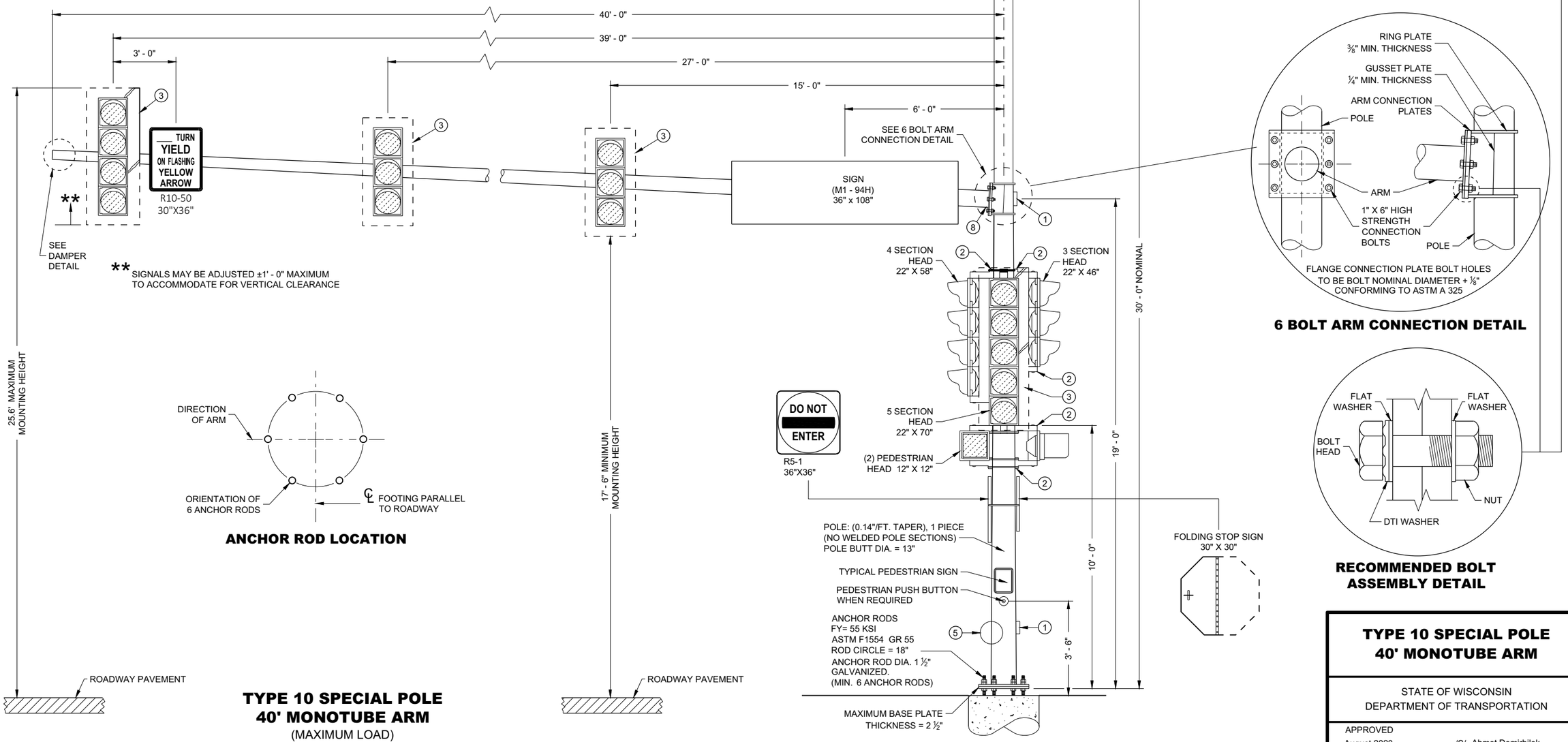
FLAT VIBRATION DAMPER

* MOUNT AS CLOSE TO END OF MAST ARM FOR MAXIMUM DAMPING PER MANUFACTURER'S RECOMMENDATIONS.





FIXED ARM ATTACHMENT DETAIL



** SIGNALS MAY BE ADJUSTED ±1' - 0" MAXIMUM TO ACCOMMODATE FOR VERTICAL CLEARANCE

ANCHOR ROD LOCATION

TYPE 10 SPECIAL POLE
40' MONOTUBE ARM
(MAXIMUM LOAD)

6 BOLT ARM CONNECTION DETAIL

RECOMMENDED BOLT ASSEMBLY DETAIL

TYPE 10 SPECIAL POLE
40' MONOTUBE ARM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020
DATE

/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI 303

FHWA

SDD 09E08 - 09g

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GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

POLE TYPES 9 AND 10 ARE FOR ARM LENGTHS 15 FOOT TO 30 FOOT.

POLE TYPES 9 SPECIAL AND 10 SPECIAL ARE FOR ARM LENGTHS 35 FOOT, 40 FOOT, AND 45 FOOT.

POLE TYPES 12 AND 13 ARE FOR ARM LENGTHS 35 FOOT TO 55 FOOT.

MONOTUBE POLES AND ARMS SHALL BE GALVANIZED STEEL.

RING STIFFENED BUILT UP BOX TYPE OF ATTACHMENT FOR TRAFFIC SIGNAL ARM.

ONE PIECE POLE CONSTRUCTION (NO WELDED POLE SECTIONS).

STANDARD STRAIGHT ARM DESIGN (3% ± RISE).

SECTION 657, POLES OF THE STANDARD SPECIFICATION SHALL APPLY TO THIS DRAWING.

PROVIDE WIREWAY THRU POLE WALL AND ARM CONNECTION PLATES. PROVIDE ROUND, SMOOTH INSIDE SURFACE.

MANUFACTURER'S SUBMITTED POLE DESIGNS AND DRAWINGS SHALL BE SIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER AND CERTIFIED AS BEING IN COMPLIANCE WITH THE AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNAL 2015 1ST EDITION (INCLUDING INTERIM REVISIONS)" AND ALL PERTINENT WISDOT SPECIFICATIONS AND DRAWINGS FOR THE LIGHTING STRUCTURES AS FOLLOWS:

CATEGORY III FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 AND TYPE 10 STRUCTURES.

CATEGORY II FATIGUE LOADS OF TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE 9 SPECIAL AND TYPE 10 SPECIAL STRUCTURES. IN LIEU OF DESIGNING FOR GALLOPING, A VIBRATION DAMPER MITIGATION DEVICE IS REQUIRED TO BE SUPPLIED AND INSTALLED AT THE END OF THE MAST ARM.

CATEGORY II FATIGUE FATIGUE LOADS OF GALLOPING, TRUCK GUSTS (AT 45 MPH VEHICLE VELOCITY) AND NATURAL WIND GUSTS FOR DESIGN OF TYPE12 AND TYPE 13 STRUCTURES.

115 MPH (700 YEAR MRI BASIC WIND SPEED).

SECURE THE OPENING BELOW THE BASE PLATE WITH STAINLESS STEEL OR GALVANIZED STEEL MESH AND SECURE THE MESH WITH ¾" STAINLESS STEEL BANDING AROUND THE LEVELING NUTS.

INDENT PRINT (NOMINAL ½" HIGH) THE POLE LENGTH AND FIRST TWO LETTERS OF THE MANUFACTURERS NAME ON TWO SIDES OF THE BASE PLATE 180 DEGREES APART, BEFORE GALVANIZING. THE ARM SHALL BE IDENTIFIED WITH THE SAME INFORMATION BY INDENT PRINT.

SIGNAL FACE SHALL BE MOUNTED 6 INCHES (NOMINAL) FROM THE END OF THE MONOTUBE ARM OR AS SHOWN ON THE PLAN CONSTRUCTION DETAIL OR A S DIRECTED BY THE PROJECT ENGINEER/ELECTRICAL OPERATIONS PERSONNEL. MOUNT ALL LIKE HEAD AT SAME ELEVATION.

SIGN MOUNTING BRACKETS SHALL BE FURNISHED IN ACCORDANCE WITH SECTION 637 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION.

(1) DESIGN FOR MAXIMUM ALLOWABLE HAND HOLE WITH COVER ASSEMBLY WITH TWO ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLTS.

(2) SIGNAL MOUNTING BRACKETS FOR POLE MOUNTING, MOUNT WITH CAP SCREW AND BANDING (SEE SPECIFICATION SECTION 658).

(3) SECURELY MOUNT BACK PLATES, PROJECTING 5" BEYOND ALL SIDES OF THE SIGNAL FACE HOUSING, PER MANUFACTURERS RECOMMENDATIONS.

(4) THE TOP OF THE POLE SHAFT AND THE MONOTUBE ARM SHALL BE EQUIPPED WITH A REMOVABLE, VENTILATED CAP HELD SECURELY IN PLACE WITH SET SCREWS.

(5) FACTORY WELDED BRACKET FOR GROUNDING LUG, OPPOSITE HAND HOLD, (LUG AND HARDWARE PAID UNDER SEPARATE ITEM). PROVIDE HOLE IN BRACKET FOR ¼" X ¾" - 20 TPI STAINLESS STEEL HEX HEAD BOLT.

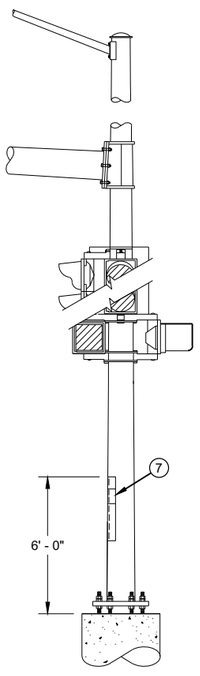
(6) FACTORY WELDED "J" HOOK FOR STRAIN RELIEF FOR POLE LUMINAIRE WIRE.

(7) INSTALL STRUCTURAL IDENTIFICATION PLAQUES.

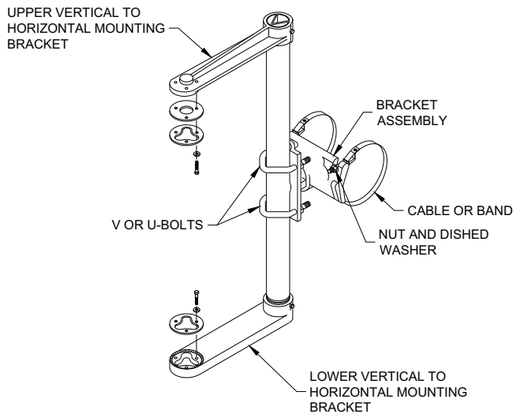
STRUCTURAL IDENTIFICATION PLAQUES SHALL BE PLACED ON THE POLES IN THE SAME DIRECTION AS THE ARM.

MOUNTING HEIGHT SHALL BE 6' - 0" ABOVE THE CURB OR SHOULDER. ADJUST IF IT IS KNOWN THAT REQUIRED TRAFFIC SIGNS WILL BE OBSTRUCTED.

(8) FACTORY DRILLED ½" DRAIN HOLE 2" FROM FLANGE CONNECTION PLATE.

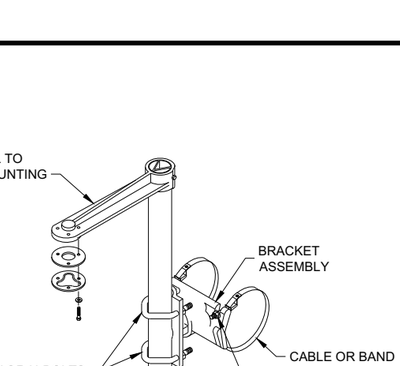


STRUCTURAL IDENTIFICATION PLAQUE PLACEMENT



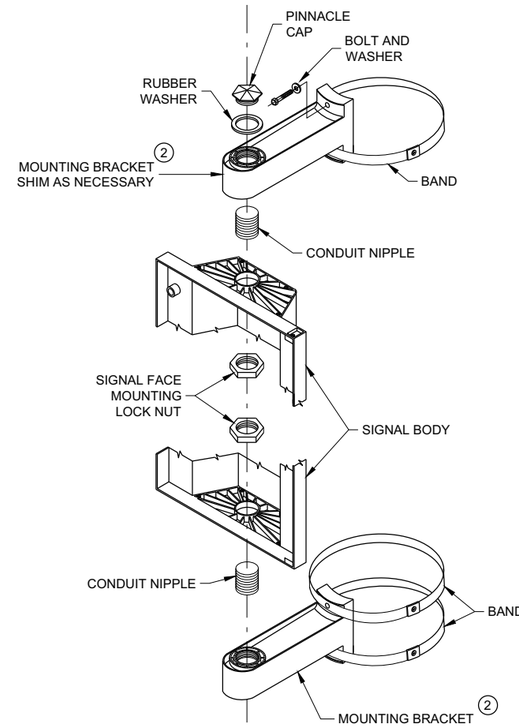
SIGNAL FACE MOUNTING BRACKET DETAIL FOR MONOTUBE ARM

(MOUNT PER MANFACTURER'S RECOMMENDATION)

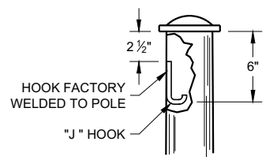


TYPICAL GROUNDING (5) CONNECTIONS

NUT, BOLT AND WASHERS SHALL BE STAINLESS STEEL



SIGNAL FACE VERTICAL MOUNTING DETAIL



TYPICAL "J" HOOK (6) WIRE SUPPORT

GENERAL NOTES AND HARDWARE FOR TYPES 9,10, 9/10 SPECIAL, 12 AND 13 POLES WITH MONOTUBE ARMS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2020 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL ENGINEER

FHWA

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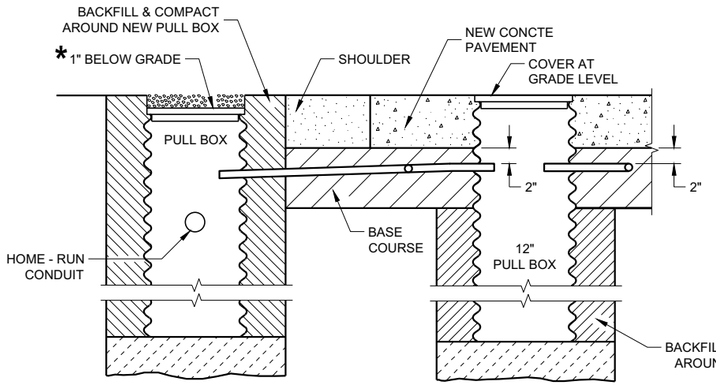
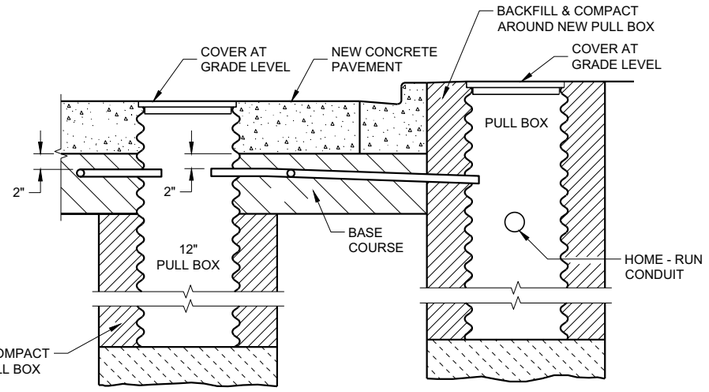


SECTION A - A
NO CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL

* RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.



SECTION B - B
CURB AND GUTTER

LOOP DETECTOR INSTALLATION DETAIL

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PITCH LEAD OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READING TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

ANY PVC LEADOUT CONDUIT CONTAINING MORE THAN ONE TWISTED PAIR OF LOOP LEAD WIRE SHALL BE 2".

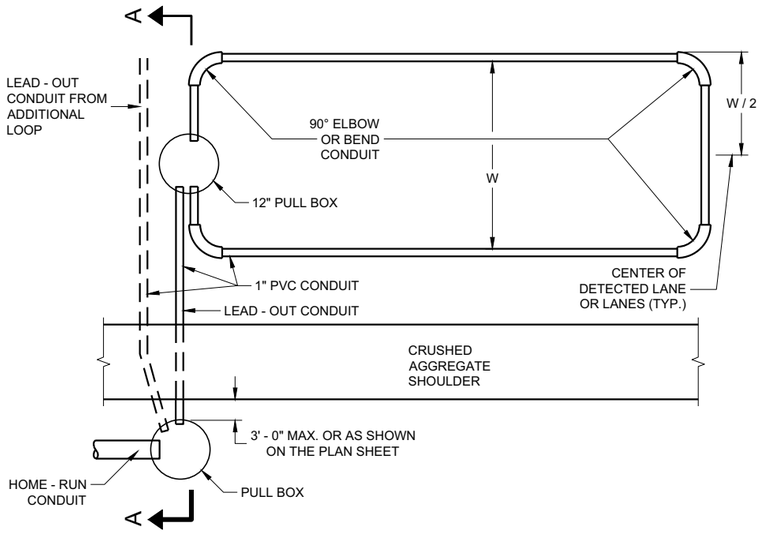
THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX, SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE ROAD.

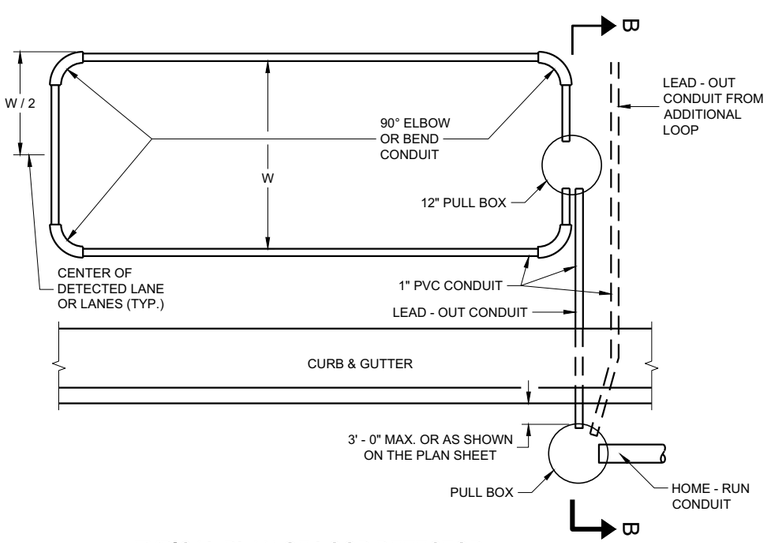
THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, INTO THE PULL BOX IN THE PAVEMENT, THROUGH THE LOOP CONDUIT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE NON-SPLICED CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT, CONDULET, PULL BOX SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW CONCRETE PAVEMENT IS POURED.

12" PULL BOXES IN PAVEMENT SHALL BE CORRUGATED STEEL ONLY.



TYPICAL PLAN OF LOOP DETECTOR WITH 12" PULLBOX



TYPICAL PLAN OF LOOP DETECTOR WITH 12" PULLBOX

LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW CONCRETE PAVEMENT)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2018
DATE
/S/ Ahmet Demirbilek
STATE ELECTRICAL ENGI

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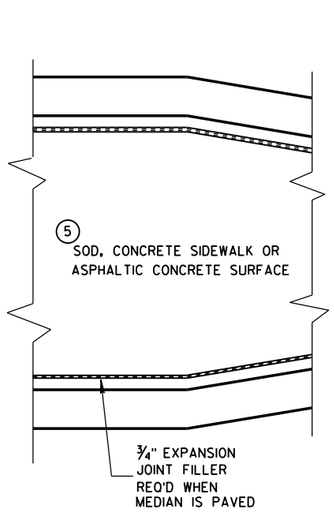
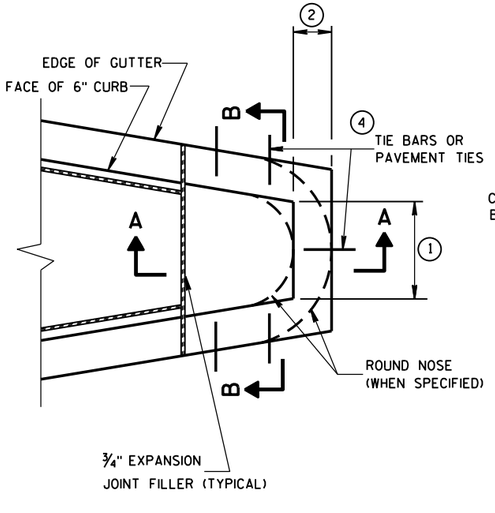
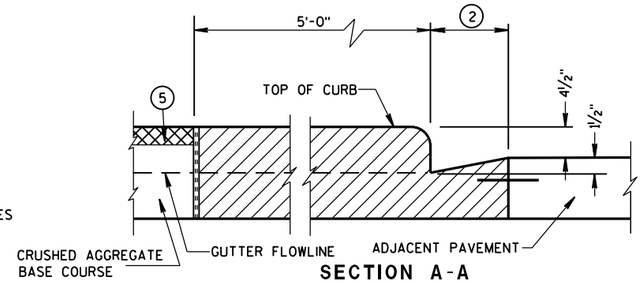
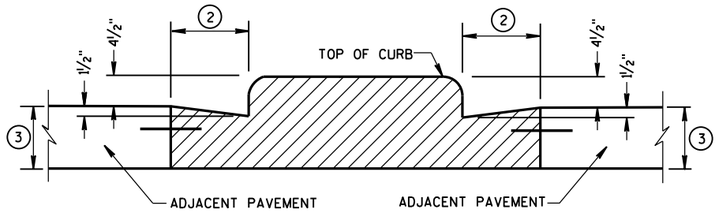






SECTION A-A



SECTION B-B

CONCRETE MEDIAN BLUNT NOSE DETAIL

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) SEE PLAN FOR MEDIAN NOSE WIDTH AND RADIUS (FOR ROUND NOSE ALTERNATE).

(2) WIDTH OF GUTTER TO MATCH EXISTING ADJACENT GUTTER OR AS SPECIFIED ELSEWHERE IN THE PLAN.

(3) DEPTH EQUAL TO ADJACENT PAVEMENT. ADJACENT PAVEMENT STRUCTURE DETAILS ARE SHOWN ON THE PLAN. TYPICAL OPTIONS ARE:

(1) NEW OR EXISTING CONCRETE PAVEMENT.

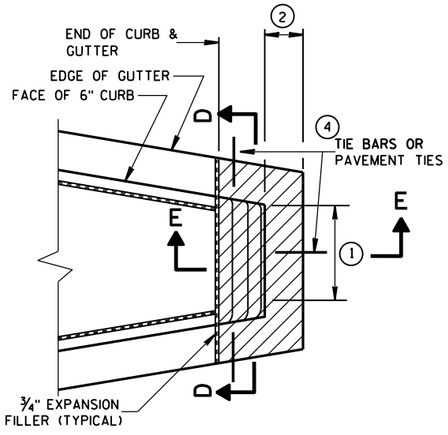
(2) ASPHALTIC CONCRETE PAVEMENT OVER NEW OR EXISTING CONCRETE BASE COURSE.

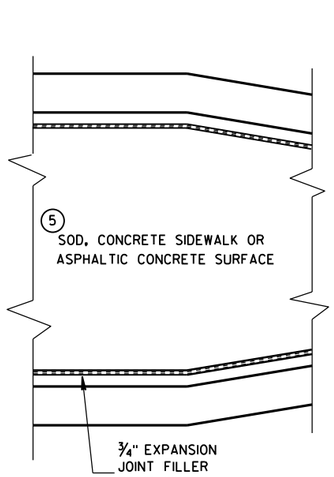
(3) ASPHALTIC CONCRETE PAVEMENT OVER CRUSHED AGGREGATE BASE COURSE.

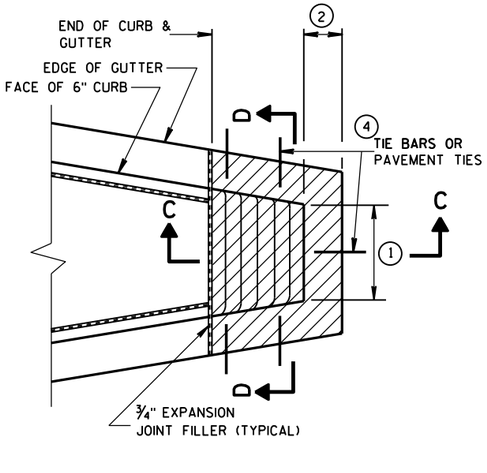
(4) TIE BARS OR PAVEMENT TIES REQUIRED IN NEW CONCRETE PAVEMENT OR CONCRETE BASE COURSE. TIE BARS SHALL BE NO. 4 X 2'-0" SPACED AT 2'-0" C-C.

PAVEMENT TIES REQUIRED IN EXISTING CONCRETE BASE COURSE. PAVEMENT TIES SHALL BE NO. 6 X 1'-0" SPACED AT 3'-0" C-C INSTALLED ON A HORIZONTAL SKEW OF 6:1. THE DIRECTION OF SKEW SHALL ALTERNATE AFTER EVERY ONE OR TWO BARS.

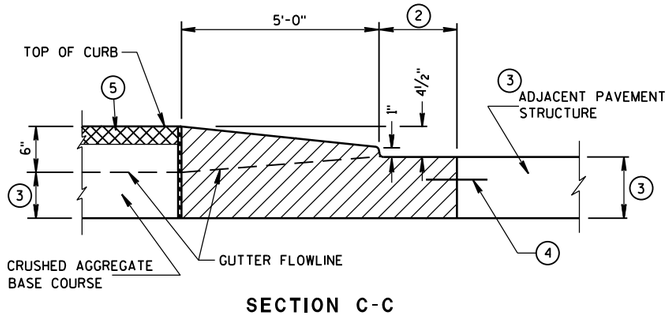
(5) SURFACE TYPE AND DETAILS ARE SHOWN ELSEWHERE IN THE PLAN.



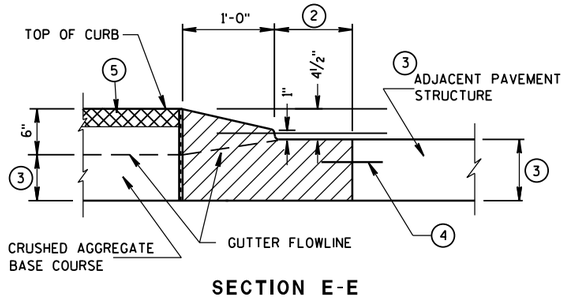




CONCRETE MEDIAN SLOPED NOSE TYPE 1

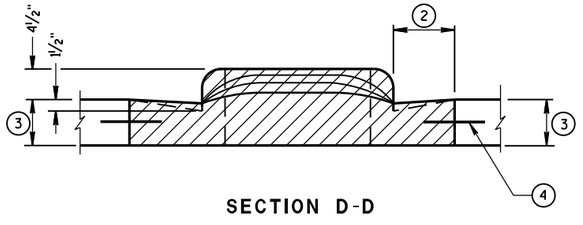


SECTION C-C



SECTION E-E

CONCRETE MEDIAN SLOPED NOSE TYPE 2



SECTION D-D

CONCRETE MEDIAN NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/8/2006
DATE
/S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER
FHWA

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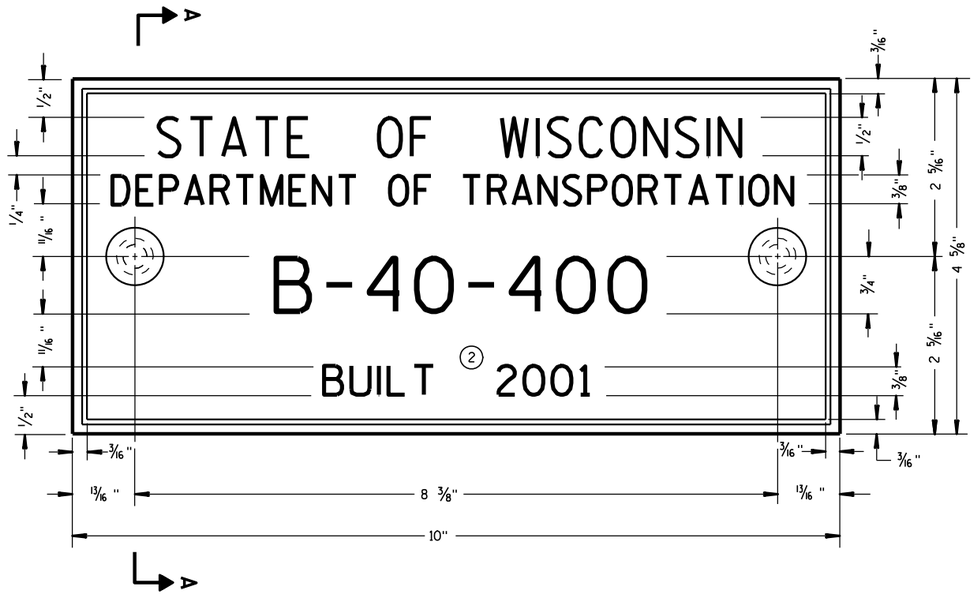


TYPICAL NAME PLATE
(BRIDGES, CULVERTS, AND RETAINING WALLS)

NUMBERING DESIGNATION
MULTI-UNIT STRUCTURES

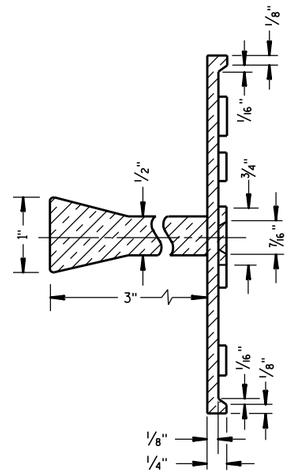
GENERAL NOTES

NAME PLATES TO BE INSTALLED ON BRIDGES, CULVERTS, AND RETAINING WALLS SHALL CONFORM TO THE REQUIREMENTS OF SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS.

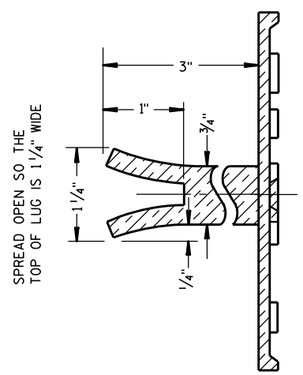
THE BRIDGE NUMBER AND YEAR BUILT SHOWN ON THIS DRAWING ARE EXAMPLES ONLY. SEE CONSTRUCTION PLANS FOR INDIVIDUAL NUMBERING AND YEAR BUILT.

(1) EPOXY RESIN SHALL BE FROM AN APPROVED MANUFACTURER AND USED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

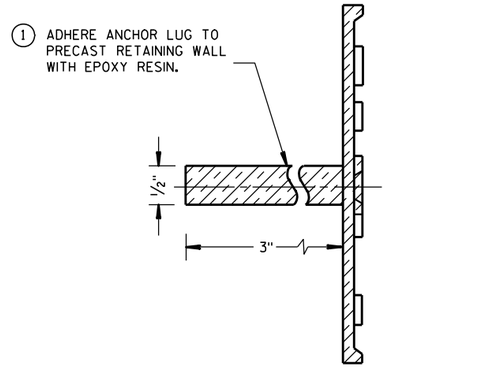
(2) REHABILITATION OF AN EXISTING STRUCTURE SHOULD USE THE DATE OF ORIGINAL STRUCTURE CONSTRUCTION.



SECTION A-A



ALTERNATE LUG



ALTERNATE LUG
(FOR ATTACHMENT TO PRECAST STRUCTURES)

NAME PLATE (STRUCTURES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

3/26/10 DATE

/S/ Scot Beck-- CHIEF STRUCTURAL DEVELOP ENGINEER

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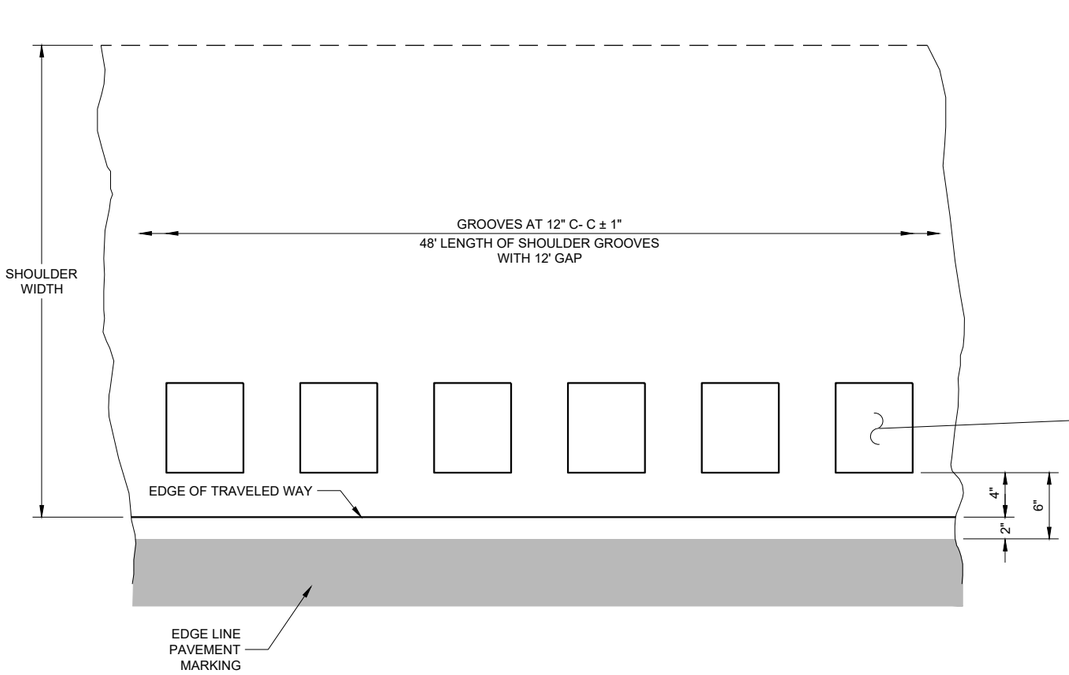
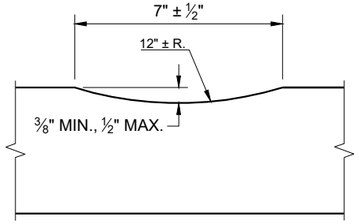
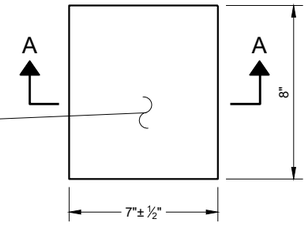
S.D.D. 12 A 3-10



PLAN DETAIL VIEW
SHOULDER WITH GROOVES



SECTION A - A

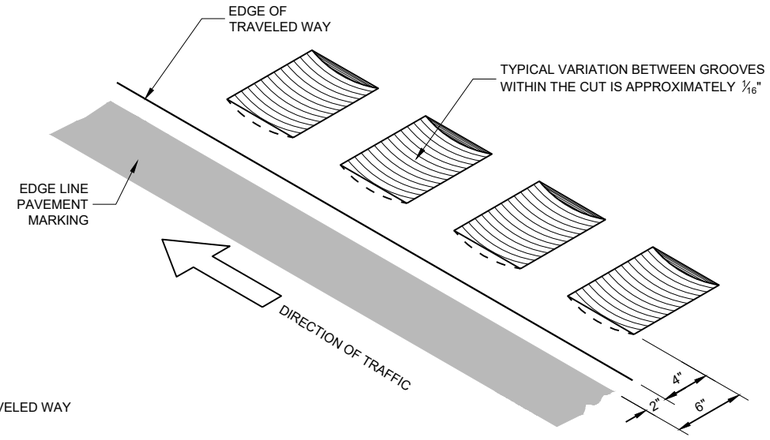


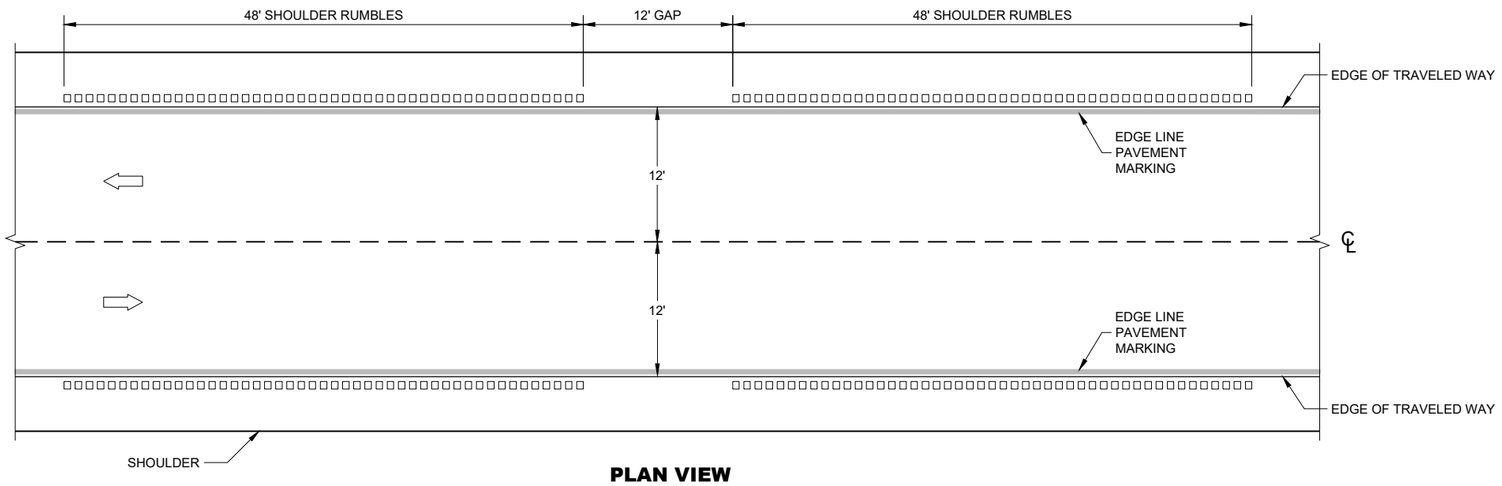
PLAN VIEW
(SINGLE GROOVE)

GENERAL NOTES

DO NOT MILL SHOULDER GROOVES THROUGH INTERSECTIONS, MARKED CROSSWALKS, NON-MOTORIZED PATH CROSSINGS, ETC. REFER TO SDD 13A10 SHEETS "g" AND "h".

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





PLAN VIEW

SHOULDER RUMBLE STRIPS - ASPHALT

SHOULDER RUMBLE STRIPS ASPHALT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTA

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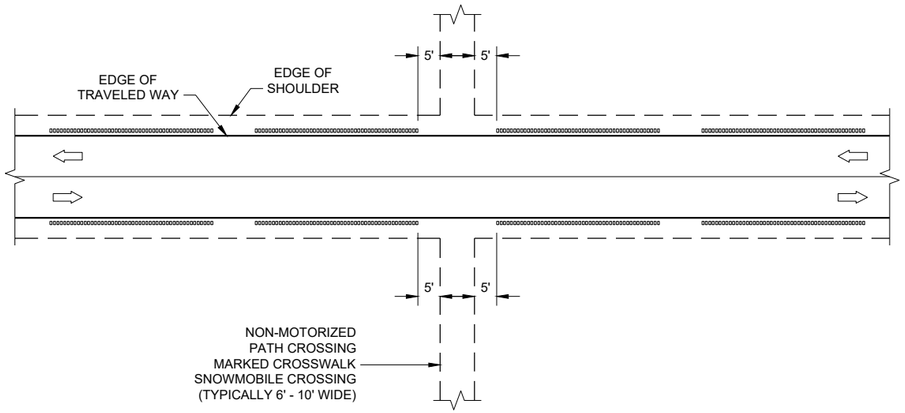
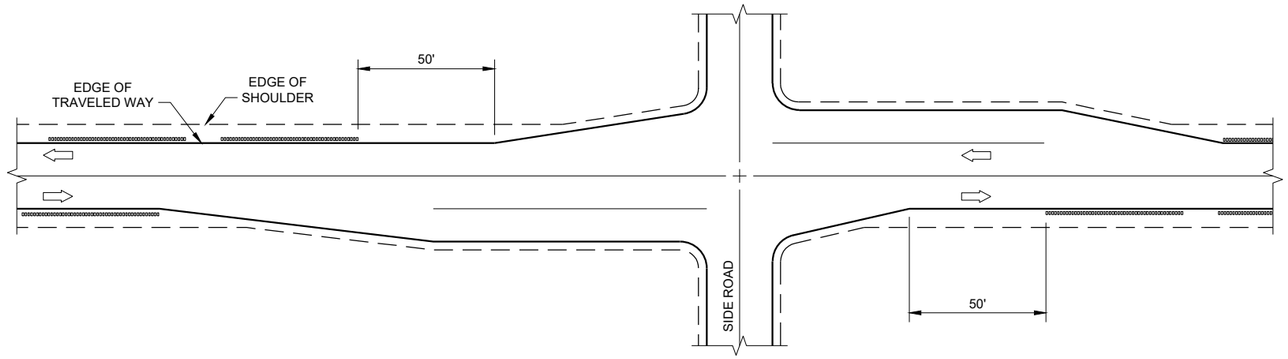
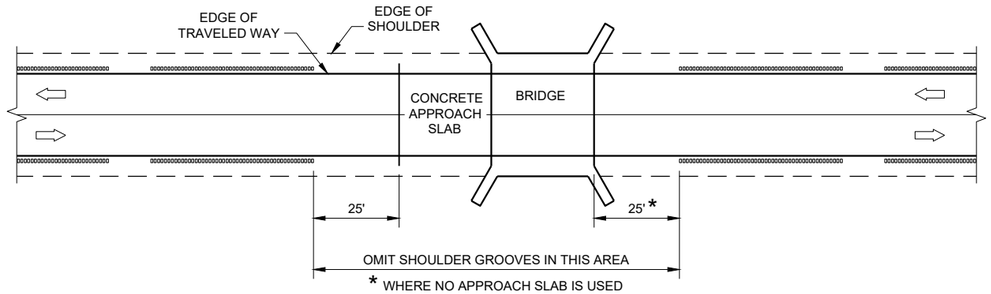
SDD 13A10 - 03a



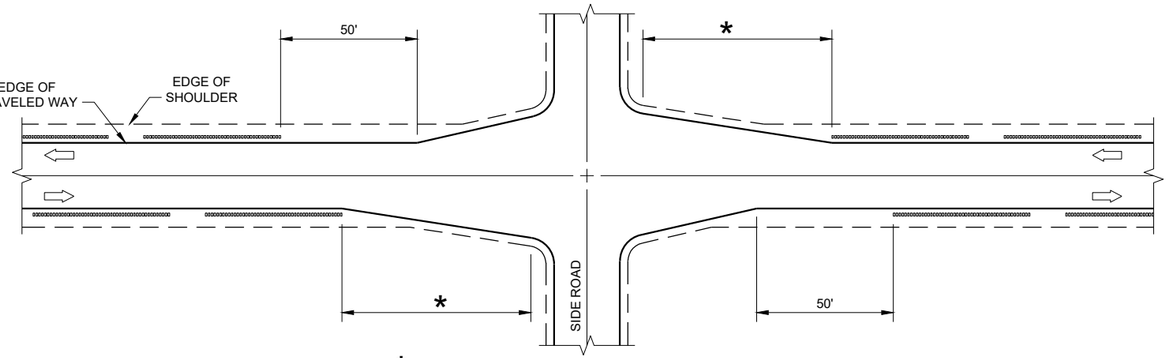
GROOVES AT MISCELLANEOUS CROSSINGS



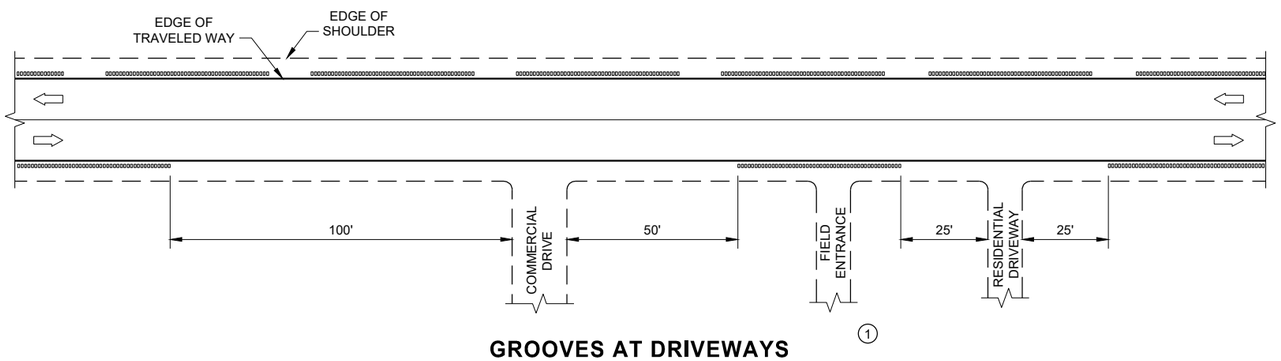
GROOVES AT RIGHT TURN LANE



GROOVES AT BRIDGES



GROOVES AT INTERSECTIONS WITH APPROACH TAPER



GROOVES AT DRIVEWAYS ①

GENERAL NOTES

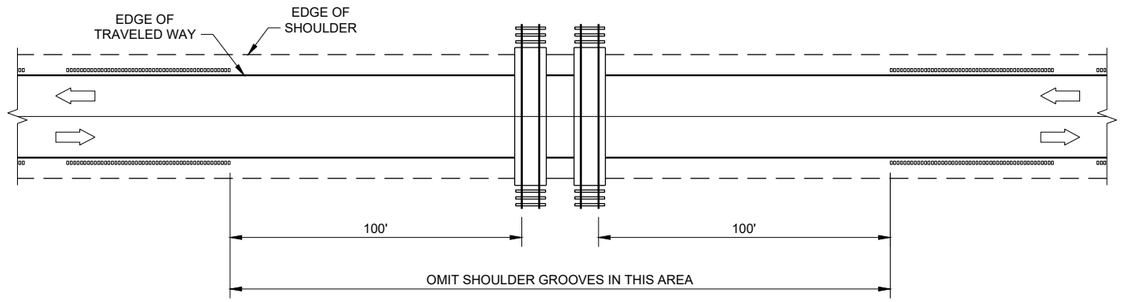
① SHOULDER GROOVES MAY BE OMITTED IN AREAS WITH HIGH CONCENTRATIONS OF DRIVEWAYS. WHEN DIRECTED BY THE ENGINEER.

SHOULDER AND EDGE LINE RUMBLE STRIPS CROSSINGS, INTERSECTIONS, BRIDGES, DRIVEWAYS

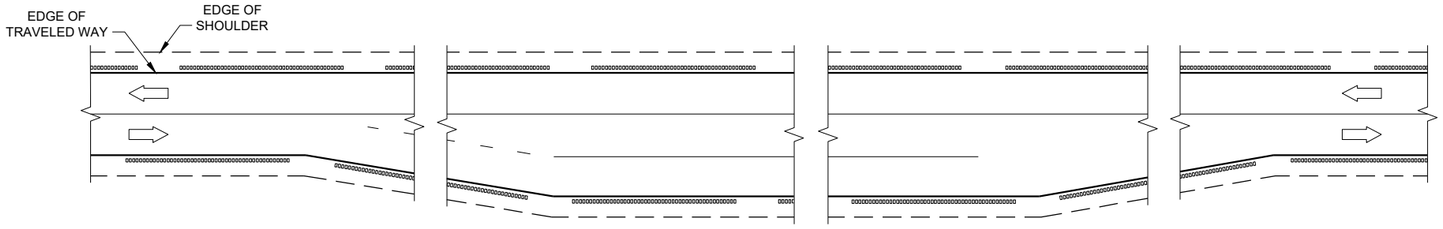
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

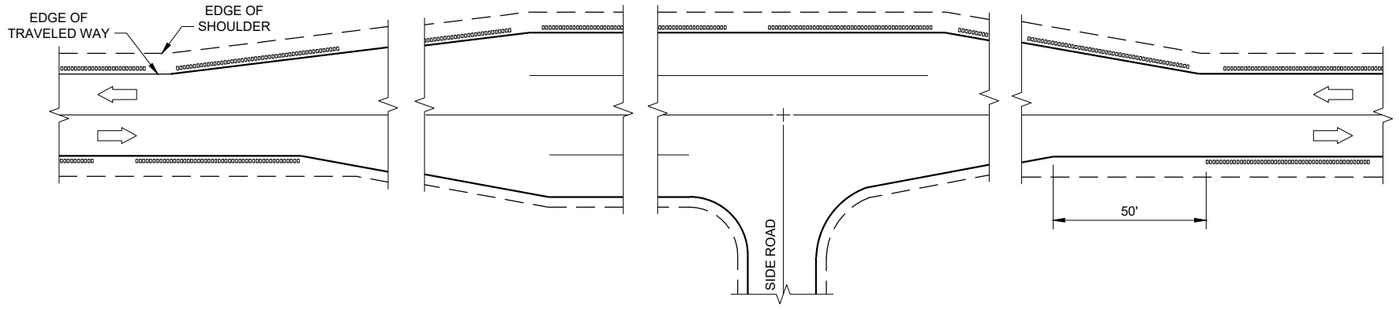
SDD 13A10 - 03g



GROOVES AT RAILROADS



GROOVES AT PASSING AND CLIMBING LANES



GROOVES AT BYPASS LANES

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SDD 13A10 - 03h

SHOULDER AND EDGE LINE RUMBLE STRIPS - RAILROAD, PASSING, CLIMBING AND BYPASS LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ John Jenkins
ROADWAY STANDARDS DEVE ENGINEER

FHWA

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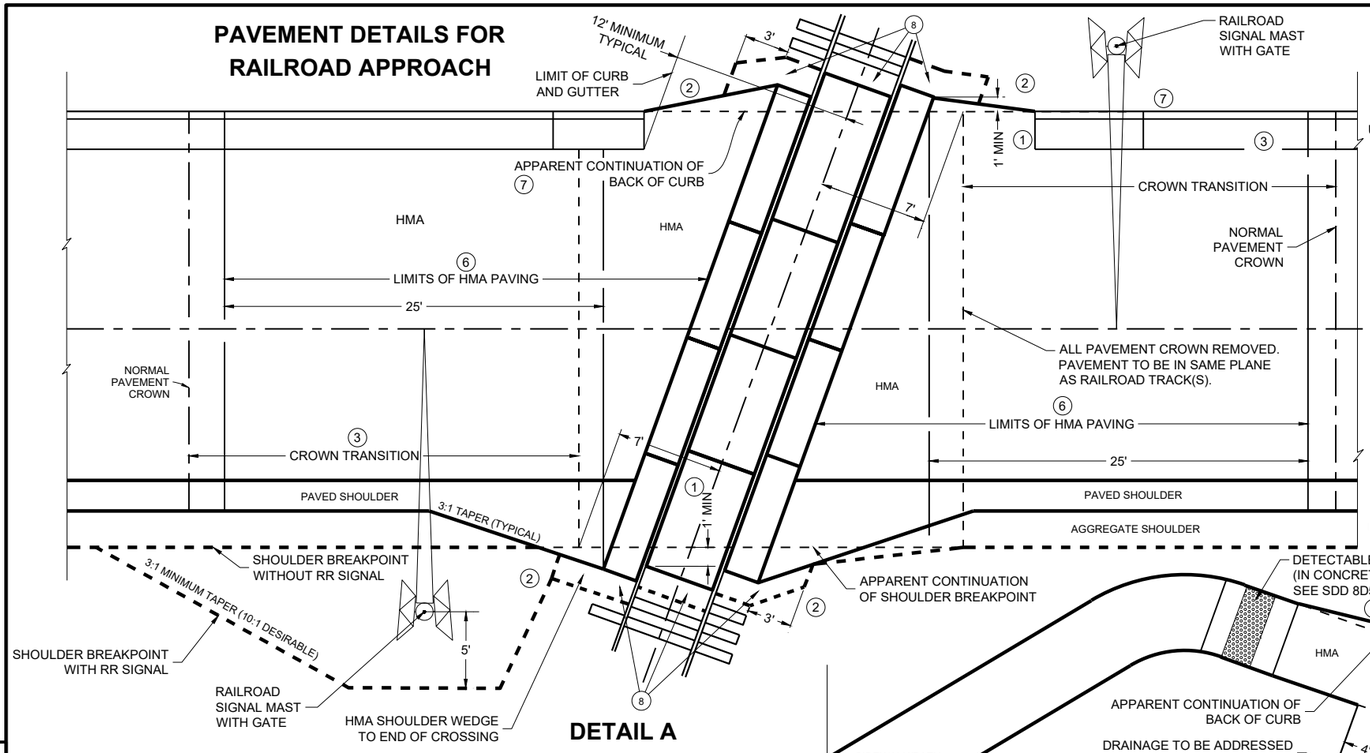
SDD 13A10 - 03h

PAVEMENT DETAILS FOR RAILROAD APPROACH



DETAIL A
RAILROAD APPROACH

GENERAL NOTES CONTINUED

(1) 1' MINIMUM CROSSING SURFACE COVERAGE PAST THE APPARENT CONTINUATION OF SHOULDER BREAKPOINT, BACK OF CURB, OR OUTSIDE EDGE OF SIDEWALK/PATH. INDIVIDUAL RAILROADS MAY HAVE DIFFERENT MINIMUM STANDARDS.

(2) HMA FLARE FROM OUTSIDE EDGE OF SIDEWALK/PATH, BACK OF CURB, OR AGGREGATE SHOULDER BREAKPOINT TO THE END OF CROSSING SURFACE MATERIAL.

(3) CROWN TRANSITION LENGTH SHOWN ELSEWHERE IN THE PLAN.

(4) NEAR EDGE OF PATH TO THE CENTER OF SIGNAL OR GATE MAST SHOULD BE A MINIMUM OF 5'-0". FOR SIDEWALK, THE NEAR EDGE SHOULD BE A MINIMUM OF 3'-0" TO THE CENTER OF SIGNAL OR GATE. NEAR EDGE OF SIDEWALK TO A NON-GATED MAST OR CANTILEVER SHOULD BE A MINIMUM OF 2'-6". SEE PLAN FOR RAILROAD SIGNAL AND GATE LOCATION IF THEY ARE NOT ALREADY INSTALLED.

(5) TERRACE WIDTH VARIES. SEE PLAN FOR RAILROAD SIGNAL AND GATE LOCATIONS. PER PLAN OR PROJECT ENGINEER THE TERRACE AND SIDEWALK/PATH GRADES SHALL BE TRANSITIONED TO MATCH THE GRADE OF THE TRACK. FIELD FIT TO AVOID PONDING.

(6) 25' MINIMUM HMA PAVING MEASURED PARALLEL TO THE ROAD OR 10' MINIMUM MEASURED PERPENDICULAR TO THE TRACK FROM THE EDGE OF THE CROSSING SURFACE, WHICHEVER IS GREATER.

(7) REFERENCE SDD 8-D-01 END SECTION CURB AND GUTTER. MEDIAN END NEAR THE TRACK SHOULD BE PARALLEL TO THE TRACK. 6'-0" TAPER FOR A MEDIAN SHOULD BE REDUCED TO GET FULL HEIGHT CURB WHERE THE GATE COMES DOWN. DESIGN OPTION TO POUR MEDIAN TAPER IN ONE PIECE. BUILD PER PLAN UNLESS OTHERWISE APPROVED BY THE RAILROAD ENGINEER AND THE PROJECT ENGINEER.

(8) IF METAL END PLATES ARE NOT INSTALLED BY THE RAILROAD THEN HMA PAVEMENT WEDGE SHALL BE PLACED AT THE END OF THE LAST PANEL TAPERED TO BACK EDGE OF NEXT TIE AND THOROUGHLY COMPACTED. SEE DETAIL G.

GENERAL NOTES

PLANS AND SECTIONS ARE TYPICAL. DIMENSIONS VARY PER PROJECT.

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

CROSSING SURFACE MATERIAL, RAILS, TIES, BALLAST, AND CROSSING DRAINAGE SYSTEM BY OTHERS UNLESS DIRECTED OTHERWISE. IF THE FINAL GRADES DON'T MATCH TO THE PLAN GRADES THEN GRADE ADJUSTMENTS WILL BE NECESSARY. CONFIRM NEW GRADES WITH PROJECT ENGINEER.

HMA PAVEMENT APPROACHES, HMA PAVEMENT CROSSING SURFACES, AND HMA FLANGEWAY/FIELD FILLERS TO BE REPLACED BY ROADWAY CONTRACTOR UNLESS DIRECTED OTHERWISE BY THE PLANS, SPECIAL PROVISIONS, RAILROAD ENGINEER, OR PROJECT ENGINEER.

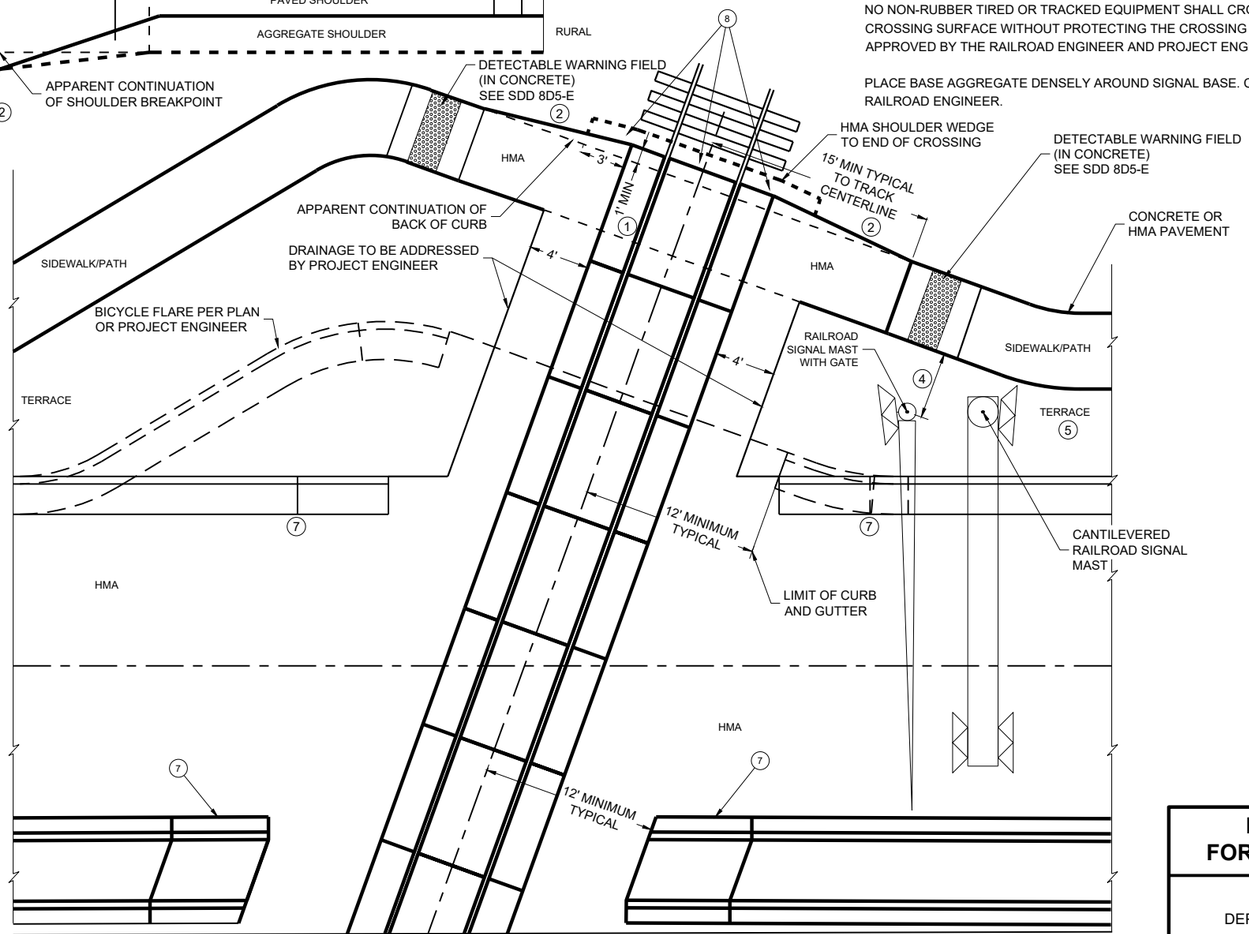
HMA PAVEMENT SHALL BE ROLLED PARALLEL TO THE TRACK.

WHEN THERE IS A SIDEWALK OR SHARED-USE PATH, ADD DETECTABLE WARNING FIELDS PER CURRENT STANDARD DETAIL DRAWING 8D5-E.

THE CROSSING SHALL NOT BE OPENED TO ANY TYPE OF TRAFFIC UNTIL IT IS FULLY PAVED AND COOLED SUFFICIENTLY UNLESS OTHERWISE APPROVED BY THE RAILROAD ENGINEER AND THE PROJECT ENGINEER.

NO NON-RUBBER TIRED OR TRACKED EQUIPMENT SHALL CROSS OR SIT ON THE CROSSING SURFACE WITHOUT PROTECTING THE CROSSING SURFACE WITH A METHOD APPROVED BY THE RAILROAD ENGINEER AND PROJECT ENGINEER.

PLACE BASE AGGREGATE DENSELY AROUND SIGNAL BASE. COORDINATE WITH THE RAILROAD ENGINEER.



DETAIL B
MEDIAN AND SIDEWALK/SHARED-USE PATH APPROACH

PAVEMENT DETAILS FOR RAILROAD APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Kristen Sommers
STATE RAILROAD ENGINEERING AND SAFETY SUPERVISOR

FHWA

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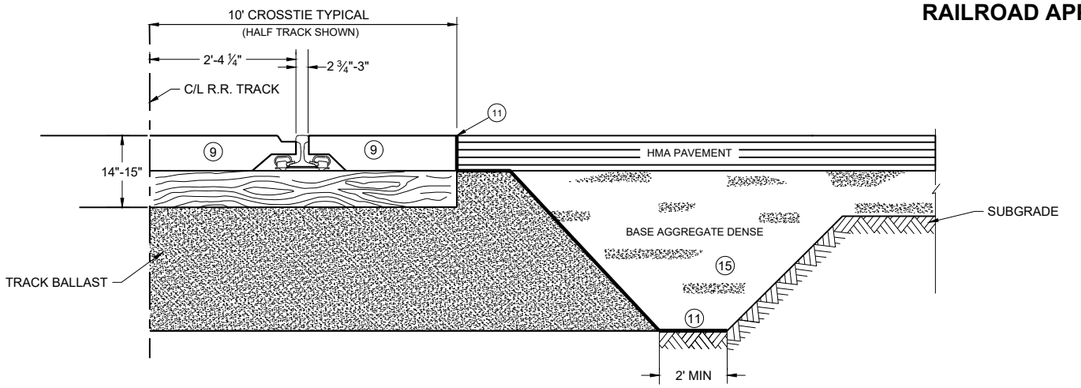
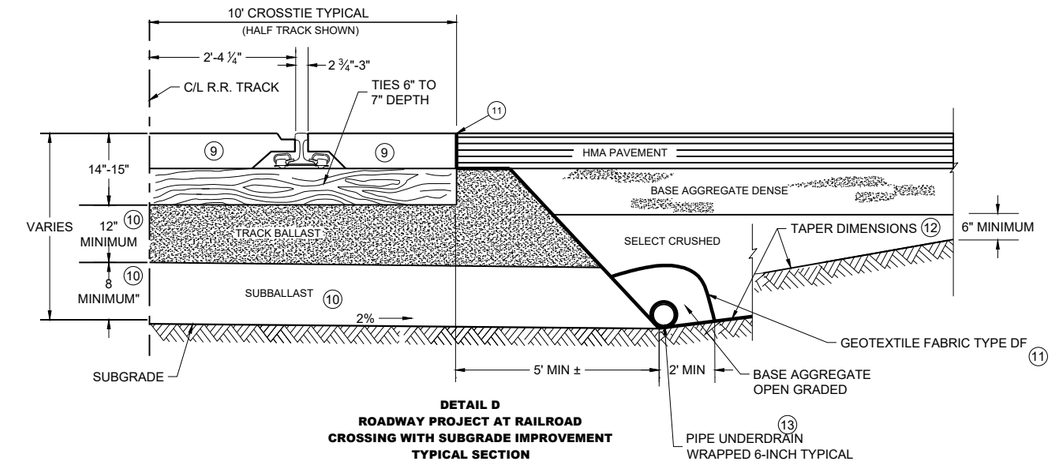
SDD 13B01-11a

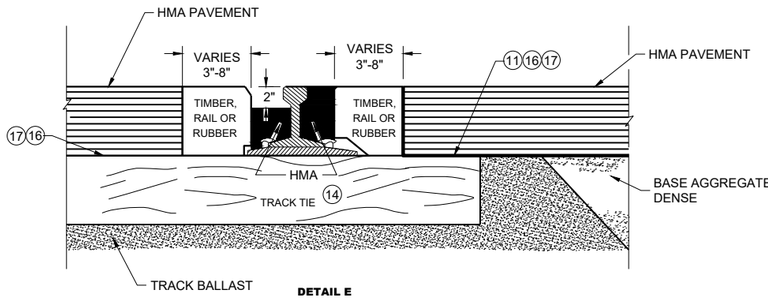
TYPICAL SECTIONS FOR RAILROAD APPROACH



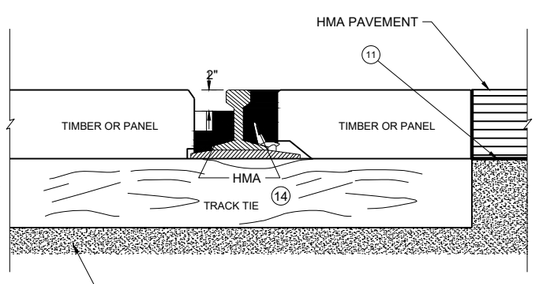
DETAIL C
ROADWAY PROJECT AT RAILROAD
CROSSING WITHOUT SUBGRADE IMPROVEMENT
TYPICAL SECTION



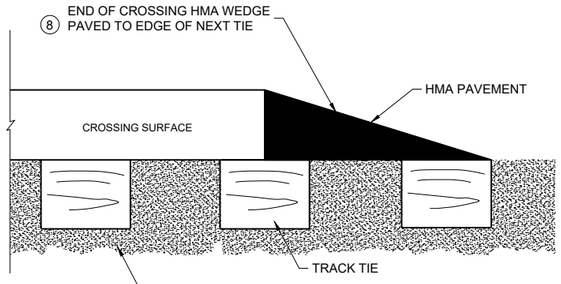
DETAIL D
ROADWAY PROJECT AT RAILROAD
CROSSING WITH SUBGRADE IMPROVEMENT
TYPICAL SECTION



DETAIL E
TIMBER, RAIL OR
RUBBER SECTION
HMA FLANGEWAY
AND FIELD FILLERS



DETAIL F
PANEL SECTION
HMA FLANGEWAY
AND FIELD FILLERS



DETAIL G
END OF CROSSING HMA WEDGE

GENERAL NOTES

(8) IF METAL END PLATES ARE NOT INSTALLED BY THE RAILROAD THEN HMA PAVEMENT WEDGE SHALL BE PLACED AT THE END OF THE LAST PANEL TAPERED TO BACK EDGE OF NEXT TIE AND THOROUGHLY COMPACTED. SEE DETAIL A AND B.

(9) MATCH THE CROSSING TYPE THAT IS INSTALLED UNLESS OTHERWISE DIRECTED BY PROJECT ENGINEER.

(10) TRACK BALLAST AND SUBBALLAST REQUIRED 12" AND 8" MINIMUM DEPTHS RESPECTIVELY. DIMENSION FROM BOTTOM OF TRACK TIE TO HIGH SIDE OF 2% SLOPE. THE 2% SLOPE IS REQUIRED ON RAILROAD SUBBALLAST. SEE PLAN FOR CROWN, MATERIAL THICKNESS, AND SLOPE DIRECTION. SUBBALLAST CAN BE HMA, 1 1/2" BASE AGGREGATE DENSE, SELECT CRUSHED, OR A COMBINATION OF THEM.

(11) GEOTEXTILE FABRIC TYPE SAS PLACED IN ORDER TO PROVIDE STABILIZATION AND SEPARATION ON TOP OF THE TRACK BALLAST WHERE IT IS UNDER HMA PAVEMENT, BASE AGGREGATE DENSE OR SELECT CRUSHED MATERIAL AND THE FIELD SIDE BALLAST CRIBS. GEOTEXTILE FABRIC TYPE DF PLACED IN ORDER TO PROVIDE STABILIZATION AND SEPARATION UNDER AND AROUND THE PIPE UNDERDRAIN. PLACING GEOTEXTILE FABRIC OR GEOGRID UNDER THE SUBBALLAST IS OPTIONAL.

(12) TAPER DIMENSIONS PROVIDED BY PLAN OR BY PROJECT ENGINEER.

(13) IF SHOWN ON THE PLAN, TYPICAL 6-INCH PERFORATED PVC SCHEDULE 80 PIPE UNDERDRAIN TO BE PLACED ALONG THE TOE OF SLOPE, GRADED TO DRAIN AND DAYLIGHT OR INTO STORM SEWER. BASE AGGREGATE OPEN GRADED OVER PIPE UNDERDRAIN AND THEN WRAPPED IN GEOTEXTILE FABRIC TYPE DF SCHEDULE A IN ORDER TO STABILIZE AND SEPARATE FROM SELECT CRUSHED.

(14) HMA FLANGEWAY AND FIELD FILLERS ARE TO BE PLACED AND THOROUGHLY HAND COMPACTED BY THE CONTRACTOR, WHEN NOT PROVIDED BY OTHERS AS PART OF THE CROSSING SURFACE MATERIAL. IF THE CROSSING SURFACE IS NOT BEING REPLACED, THEN REMOVE AND REPLACE THE HMA FLANGEWAY AND FIELD FILLERS AS DIRECTED BY THE RAILROAD OR PROJECT ENGINEER.

(15) GRADE TO MATCH EXISTING OR PROPOSED TYPICAL SECTION OF ROADWAY. SEE PLAN OR PROJECT ENGINEER FOR MORE DETAIL. IF NOT NOTED OTHERWISE IN THE PLAN, BACKFILL ANY REMOVED BASE AND SUBGRADE WITH BASE AGGREGATE DENSE.

(16) IF THE CROSSING IS NOT BEING REPLACED, REMOVE AND REPLACE HMA AS DIRECTED BY RAILROAD AND PROJECT ENGINEER. CARE MUST BE TAKEN TO NOT DAMAGE CROSSING PANELS, TIES, RAIL, PLATES AND SPIKES.

(17) PLACE HMA FULL DEPTH. AGGREGATE IS NOT TO BE PLACED BETWEEN THE RAILROAD TIES AND THE HMA PAVEMENT.

TYPICAL SECTIONS FOR RAILWAY APPROACH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Kristen Sommers
STATE RAILROAD ENGINEERING AND SAFETY SUPERVISOR

FHWA

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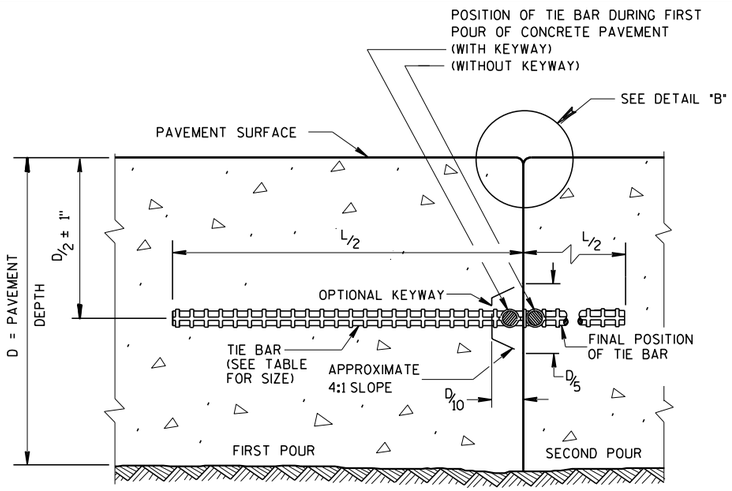
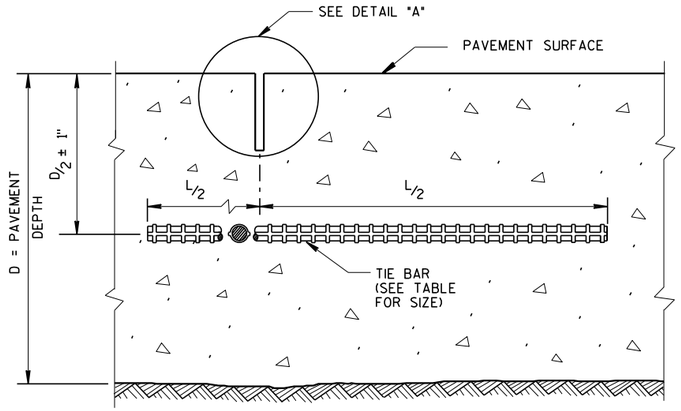
SDD 13B01-11b



CONSTRUCTION JOINT



SAWED JOINT

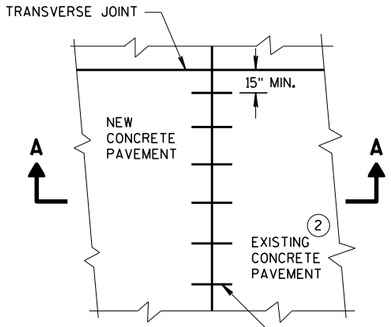
GENERAL NOTES

CREATE A LONGITUDINAL JOINT FOR PAVEMENT WIDTHS GREATER THAN 15 FEET.

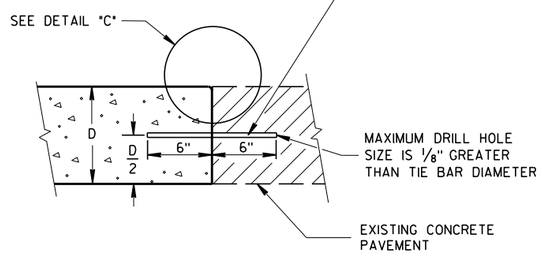
CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

(1) ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

(2) PAVEMENT THAT WAS IN PLACE PRIOR TO THE CONTRACT.

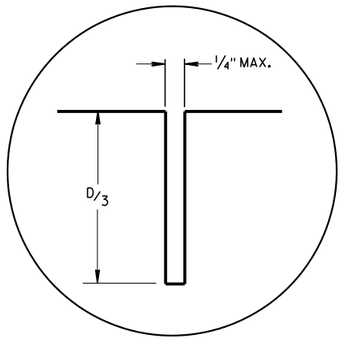


PLAN VIEW

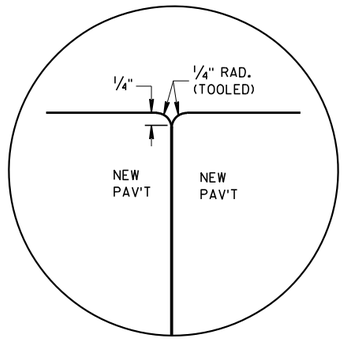


SECTION A-A

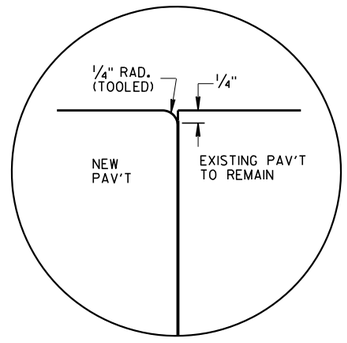
LONGITUDINAL CONSTRUCTION JOINT TIE BARS ANCHORED INTO EXISTING PAVEMENT



DETAIL "A"



DETAIL "B"



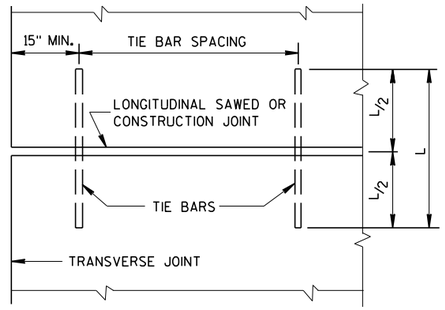
DETAIL "C"

TIE BAR TABLE

PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 1/2"	NO. 4	30"	36"
≥ 10 1/2"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

** CONFORM TO 15" MINUMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.



PLAN VIEW
SHOWING LOCATION OF TIE BARS

CONCRETE PAVEMENT
LONGITUDINAL JOINTS AND TIES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018 — DATE
/S/ Peter Kemp PE — PAVEMENT SUPE
FHWA

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S.D.D. 13 C 1-19

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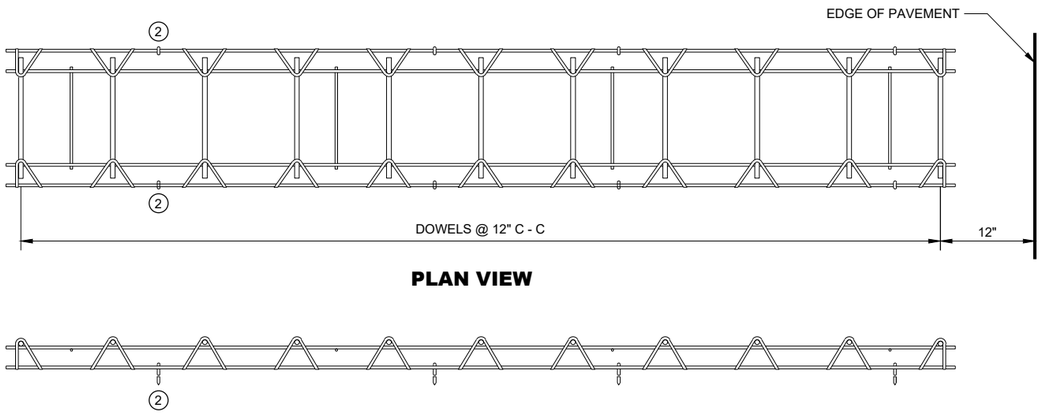
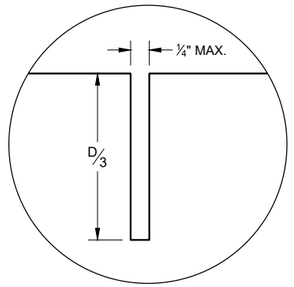
S.D.D. 13 C 1-19



PLAN VIEW

SIDE VIEW

CONTRACTION JOINT DOWEL ASSEMBLY (1)



JOINT DETAIL

GENERAL NOTES

CONTRACTION JOINTS

CONSTRUCT TRANSVERSE CONTRACTION JOINTS NORMAL TO THE CENTERLINE. SHOW THE LOCATION OF CONTRACTION JOINTS THROUGH INTERSECTIONS ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

FOR PAVEMENT SLABS OF VARYING WIDTHS, LOCATE THE OUTER MOST DOWEL BAR SO THAT THE CENTER OF THE BAR IS A MINIMUM OF 6 INCHES FROM AND A MAXIMUM OF 18 INCHES FROM THE FREE EDGE OF PAVEMENT.

CONSTRUCTION JOINTS

LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO THE CONTRACTION JOINTS.

(1) OBTAIN THE ENGINEER'S APPROVAL FOR THE USE OF ALTERNATIVE DESIGNS OF THE DOWEL ASSEMBLY. USE MECHANICAL DOWEL BAR INSERTERS OR DOWEL ASSEMBLIES WHEN CONSTRUCTION CONTRACTION JOINTS.

(2) SECURE BASKETS WITH ANCHORS TO HOLD DOWEL BARS IN THE CORRECT POSITION AND ALIGNMENT. TYPE, LOCATION, NUMBER AND LENGTH OF ANCHORS ARE DEPENDENT UPON FIELD CONDITIONS.

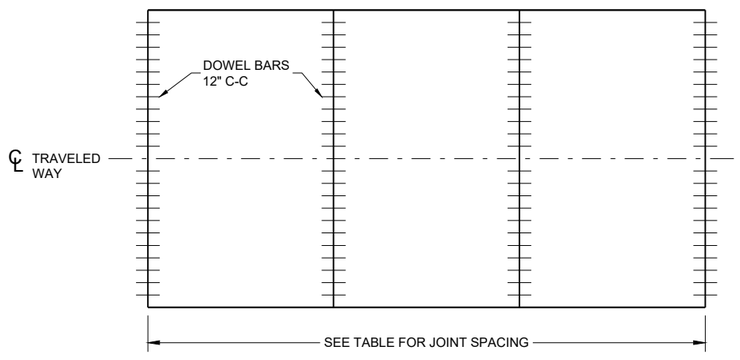
(3) FORM OR SAW CONSTRUCTION JOINTS. PROVIDE A ¼" RADIUS AT FORMED JOINTS.

(4) PROVIDE A SMOOTH VERTICAL FACE FOR THE ENTIRE DEPTH OF THE PAVEMENT WHEN FORMING CONSTRUCTION JOINTS.

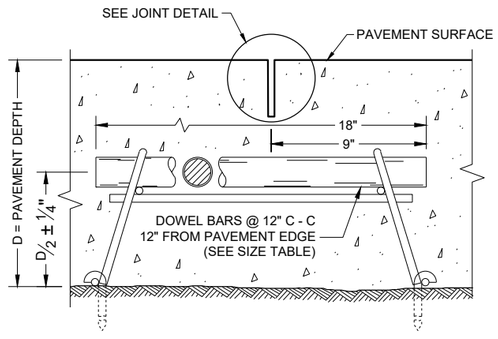
(5) INSTALL DOWEL BARS AT CONSTRUCTION JOINTS BY FORMING OR DRILLING. INSTALL FORMED DOWEL BARS 12 INCHES C - C AND 12 INCHES FROM PAVEMENT EDGE. REMOVE EXCESS CONCRETE FROM THE FREE END OF THE DOWEL BAR IF DOWEL BARS ARE FORMED THROUGH A HEADER BOARD. INSTALL DRILLED DOWEL BARS ACCORDING TO THE "DRILLED DOWEL BAR CONSTRUCTION JOINT" DETAIL.

(6) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

(7) ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY. MAXIMUM DRILLED HOLE SIZE IS ⅛" GREATER THAN DOWEL BAR DIAMETER, 9 INCHES IN LENGTH.



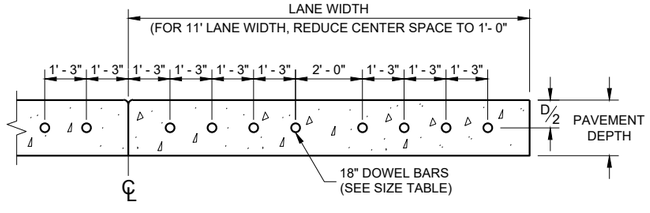
CONTRACTION JOINT LOCATIONS



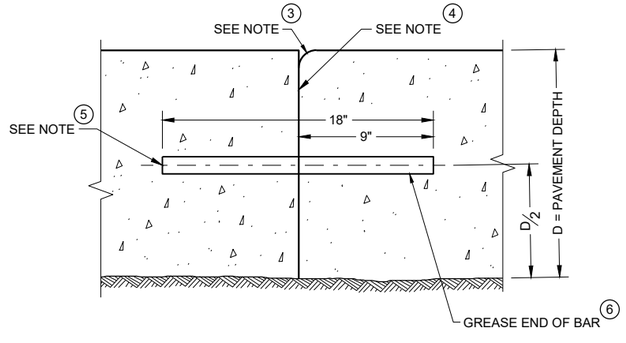
DOWELED CONTRACTION JOINT

PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
6", 6 ½"	NONE	12'
7", 7 ½"	1"	14'
8" & ABOVE	1 ¼"	15'



DRILLED DOWEL BAR CONSTRUCTION JOINT (7)



TRANSVERSE CONSTRUCTION JOINT

URBAN DOWELED CONCRETE PAVEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

FHWA

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SDD 13C13 - 11

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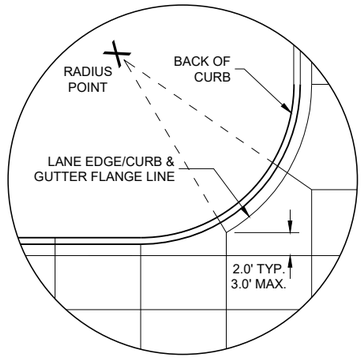
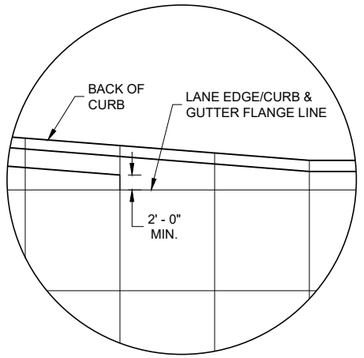
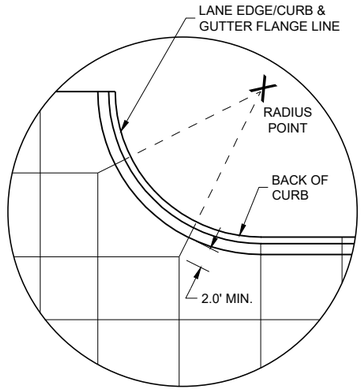
SDD 13C13 - 11



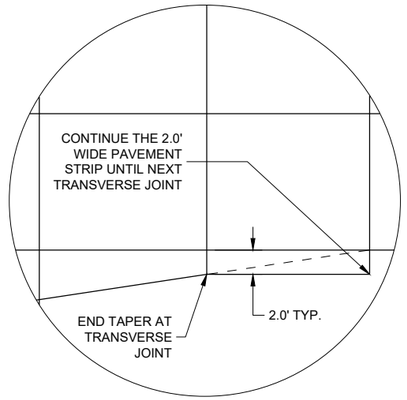
DETAIL "A"



DETAIL "B"



DETAIL "C"



DETAIL "D"

GENERAL NOTES

THE PRIMARY ROADWAY CONTROLS THE TRANSVERSE JOINT PATTERN.

ALIGN NEW JOINTS WITH EXISTING JOINTS OR CRACKS.

CONSTRUCT TRANSVERSE JOINTS PERPENDICULAR TO THE ROADWAY.

ADJUST TRANSVERSE JOINTS TO ALIGN WITH UTILITY FIXTURES (E.G MANHOLES AND INLETS) IN THE PAVEMENT STRUCTURE WHEN POSSIBLE. WATER VALVES DO NOT REQUIRE JOINT ADJUSTMENT.

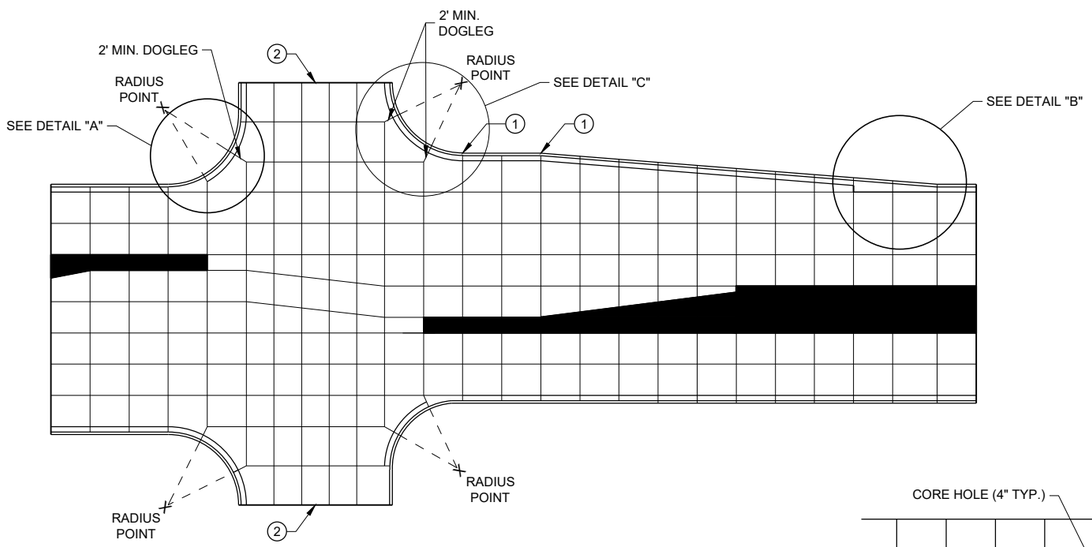
AVOID SLABS LESS THAN 2 FEET WIDE OR GREATER THAN 15 FEET WIDE.

SEE TABLE FOR TRANSVERSE JOINT SPACING. JOINT SPACING SPECIFIED IS MAXIMUM AND ACTUAL SPACING CAN BE ADJUSTED TO ACCOMMODATE INTERSECTIONS.

AVOID ANGLES LESS THAN 60° BY DOGLEGGING JOINTS THROUGH CURVE RADIUS POINTS. USE 90° ANGLES WHEN POSSIBLE.

CORRELATE LONGITUDINAL JOINTS WITH LANE LINES WHEN POSSIBLE.

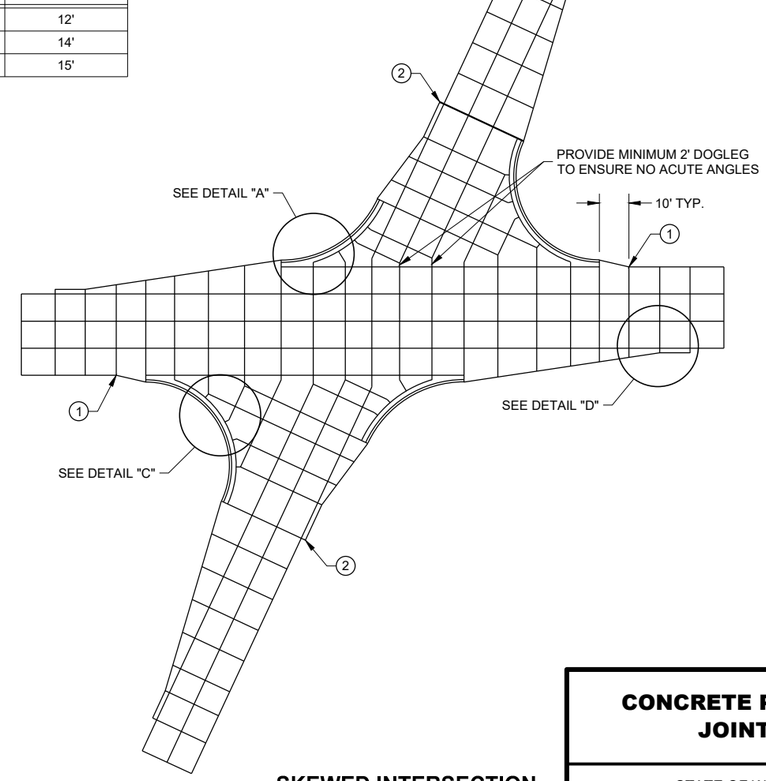
1. PROVIDE TRANSVERSE JOINTS AT ALL PAVEMENT WIDTH CHANGES.
2. CONSTRUCT DOWELED EXPANSION JOINT ON THE SIDE ROAD OF AN INTERSECTION IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH. ALIGN EXPANSION JOINT WITH EDGE OF RADIUS.
3. THE ENGINEER MAY APPROVE SLIGHT VARIATIONS FROM THESE JOINTING DETAILS.



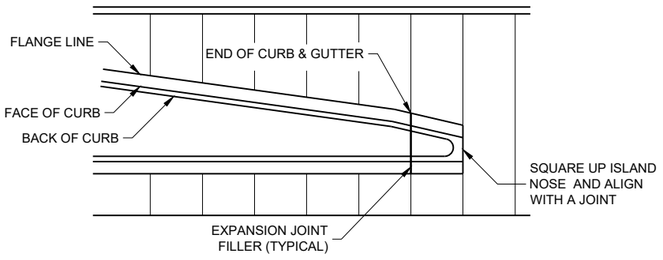
STANDARD INTERSECTION

PAVEMENT DEPTH AND JOINT SPACING TABLE

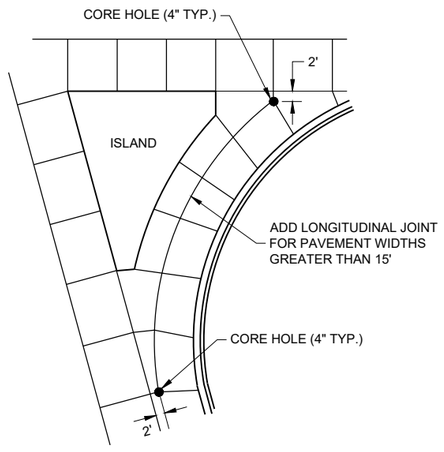
PAVEMENT DEPTH (D)	CONTRACTION JOINT SPACING
6", 6 ½"	12'
7", 7 ½"	14'
8" & ABOVE	15'



SKEWED INTERSECTION



APPROACH TO MEDIAN



LARGE RIGHT TURN

CONCRETE PAVEMENT JOINTING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08a

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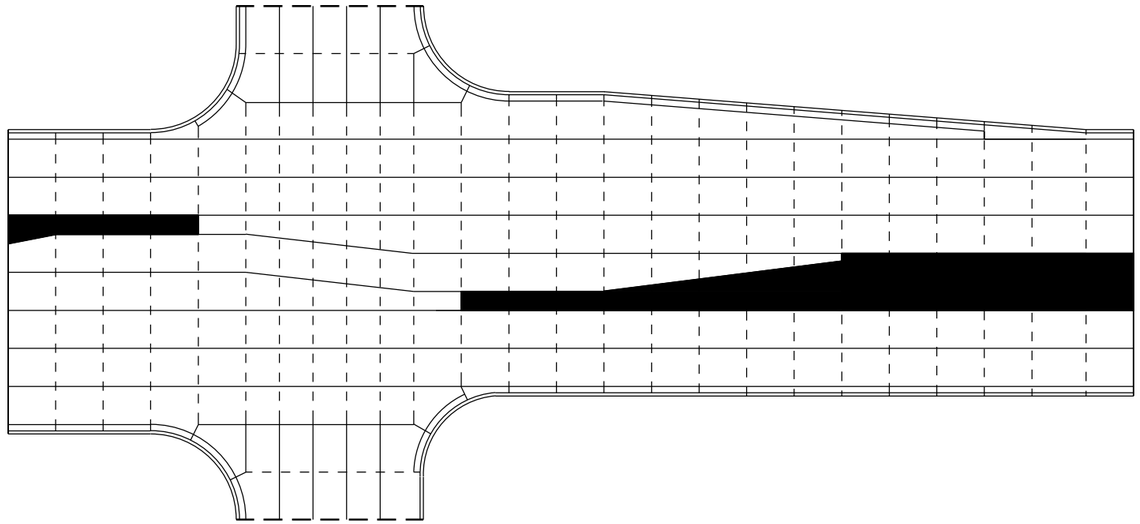
SDD 13C18 - 08a

LEGEND

POTENTIAL DOWELED EXPANSION JOINT

DOWELED JOINT

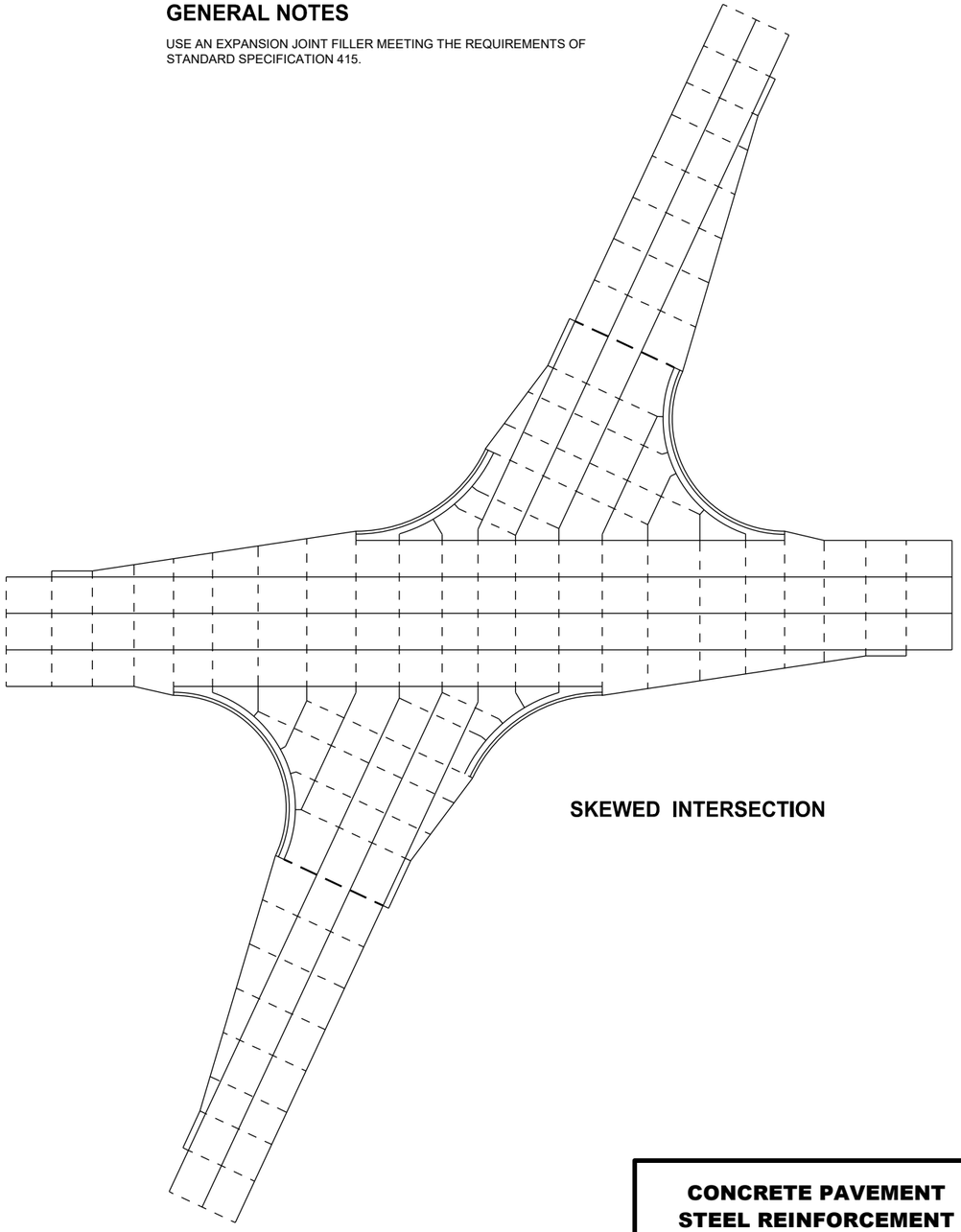
TIED JOINT



STANDARD INTERSECTION

GENERAL NOTES

USE AN EXPANSION JOINT FILLER MEETING THE REQUIREMENTS OF STANDARD SPECIFICATION 415.



SKEWED INTERSECTION

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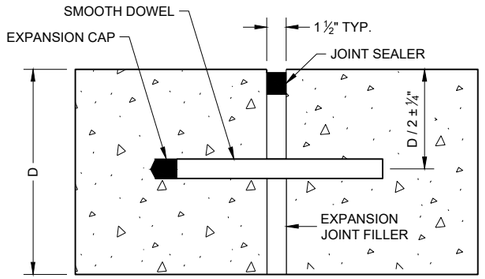
SDD 13C18 - 08b

CONCRETE PAVEMENT STEEL REINFORCEMENT

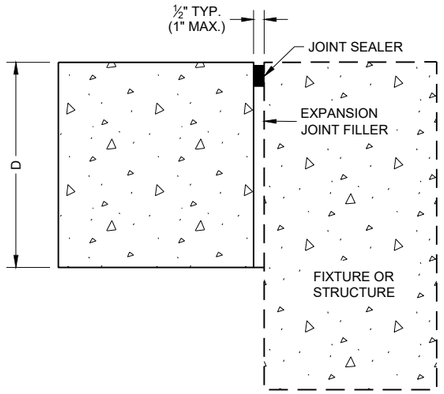
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 13C18 - 08b



DOWELED TRANSVERSE (1)



UNTIED - LONGITUDINAL

EXPANSION JOINTS

TIE BAR TABLE

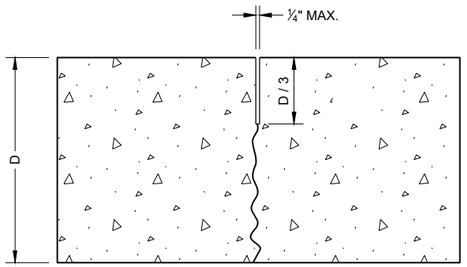
PAVEMENT DEPTH (D)	TIE BAR SIZE	TIE BAR LENGTH (L)	MAX. TIE BAR SPACING
< 10 ½"	NO. 4	30"	36"
≥ 10 ½"	NO. 5	36"	36"
	NO. 4 *	30"	24" **

* SUBSTITUTE BENT BARS AT LONGITUDINAL JOINTS WHEN EQUIPMENT LIMITATIONS DURING CONSTRUCTION WARRANT (e.g. AUXILIARY LANES OR TURN LANES)

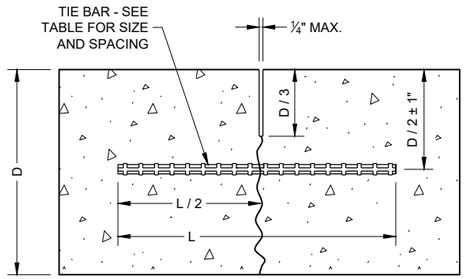
** CONFORM TO 15" MINIMUM SPACING FROM TRANSVERSE JOINTS; SPACING BETWEEN TIE BARS WILL BE 30" AT TRANSVERSE JOINTS.

GENERAL NOTES

1. USE DOWELED EXPANSION JOINTS ON SIDE ROADS AT INTERSECTIONS (TO ISOLATETHE SIDE ROAD FROM THE THROUGH STREET) IF THE SIDE ROAD IS CONCRETE PAVEMENT AND GREATER THAN 300 FEET IN LENGTH.
2. SPACE CONTRACTION JOINTS IN ACCORDANCE WITH SDD 13C4, 13C11 OR 13C13.
3. LOCATE CONSTRUCTION JOINTS A MINIMUM OF 6 FEET FROM THE NEAREST CONTRACTION JOINT AND ALIGN PARALLEL TO CONTRACTION JOINTS.
4. CONSTRUCTION JOINTS CAN BE FORMED OR SAWED.
5. IF JOINT IS FORMED, PROVIDE A ¼" RADIUS.
6. ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.



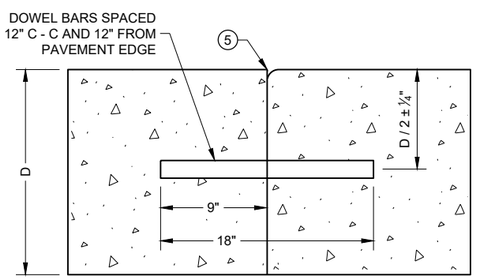
UNDOWELED TRANSVERSE



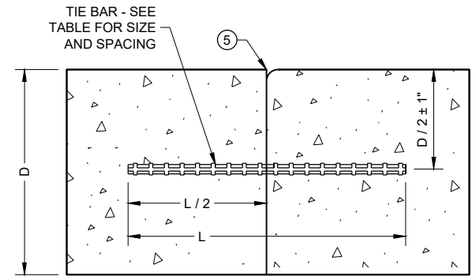
TIED LONGITUDINAL

DOWELED TRANSVERSE

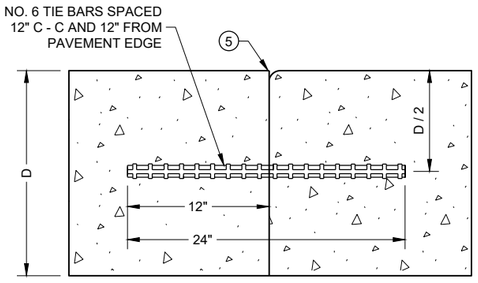
CONTRACTION JOINTS (2)



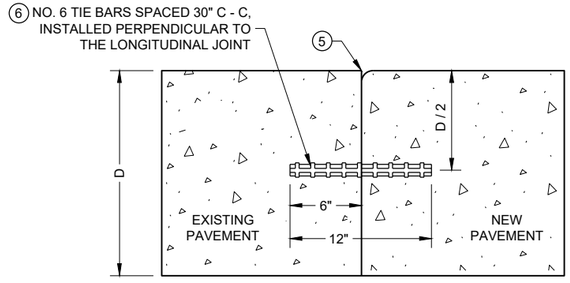
DOWELED TRANSVERSE (3)



TIED LONGITUDINAL



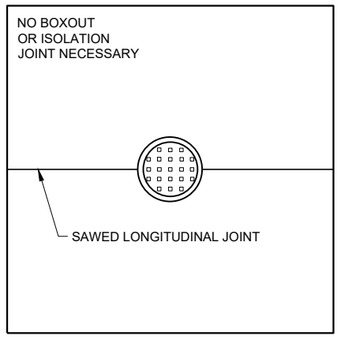
TIED TRANSVERSE (3)
(FOR USE ON NON-DOWELED PAVEMENTS ONLY)



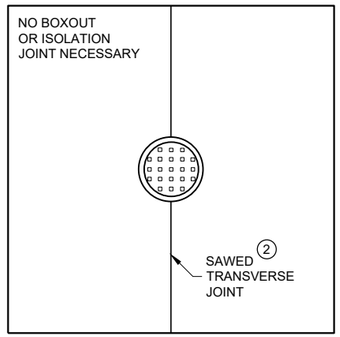
TIED LONGITUDINAL TO EXISTING

CONSTRUCTION JOINTS (4)

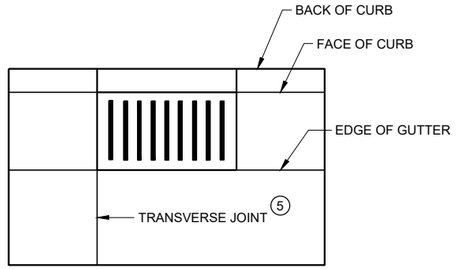
CONCRETE PAVEMENT JOINT TYPES



MANHOLE WITH LONGITUDINAL JOINT



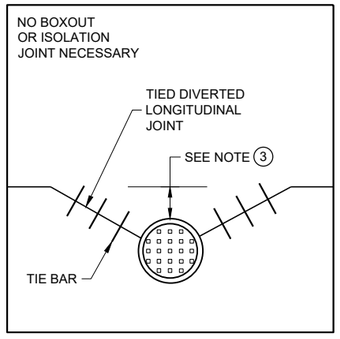
MANHOLE WITH TRANSVERSE JOINT



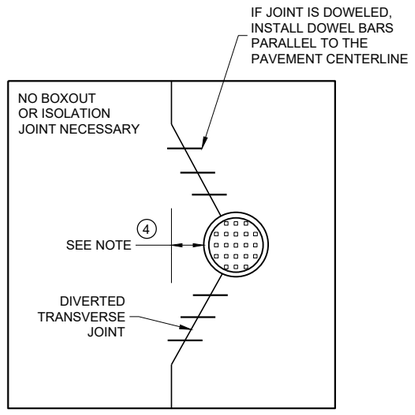
INLET WITH TRANSVERSE JOINT

GENERAL NOTES

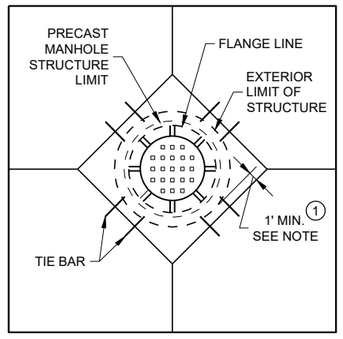
1. USE BOXOUTS WHEN UTILITY STRUCTURE IS IN THE PATH OF CONSTRUCTION JOINTS. PROVIDE A 1 FOOT MINIMUM CLEARANCE BETWEEN THE EXTERIOR LIMIT OF THE STRUCTURE TO THE DIAMOND BOXOUT.
2. ADJUST TRANSVERSE JOINT TO INTERSECT MANHOLE IF POSSIBLE.
3. IF DISTANCE BETWEEN THE LONGITUDINAL JOINT AND THE EDGE OF MANHOLE IS 2 FEET OR LESS, DIVERT THE LONGITUDINAL JOINT AT A 2:1 TAPER RATE TO THE CENTER OF THE MANHOLE. IF THE DISTANCE IS GREATER THAN 2 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
4. IF THE DISTANCE FROM THE EDGE OF THE MANHOLE TO THE NEAREST TRANSVERSE JOINT IS LESS 4 FEET OR LESS, REDIRECT JOINT TO INTERSECT THE CENTER OF THE MANHOLE. IF DISTANCE IS GREATER THAN 4 FEET, DO NOT DIVERT THE JOINT AND SAW AS NORMAL. PLACE REINFORCEMENT REBAR AROUND THE MANHOLE.
5. ALIGN TRANSVERSE JOINT WITH ONE EDGE OF INLET WHEN PRACTICAL.



MANHOLE WITH DIVERTED LONGITUDINAL CONTRACTION JOINT



MANHOLE WITH DIVERTED TRANSVERSE CONTRACTION JOINT



DIAGONAL MANHOLE BOXOUT FOR CONSTRUCTION JOINTS

CONCRETE PAVEMENT JOINTING AT UTILITY FIXTURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Peter Kemp P.E.
PAVEMENT SUPERVIS

FHWA

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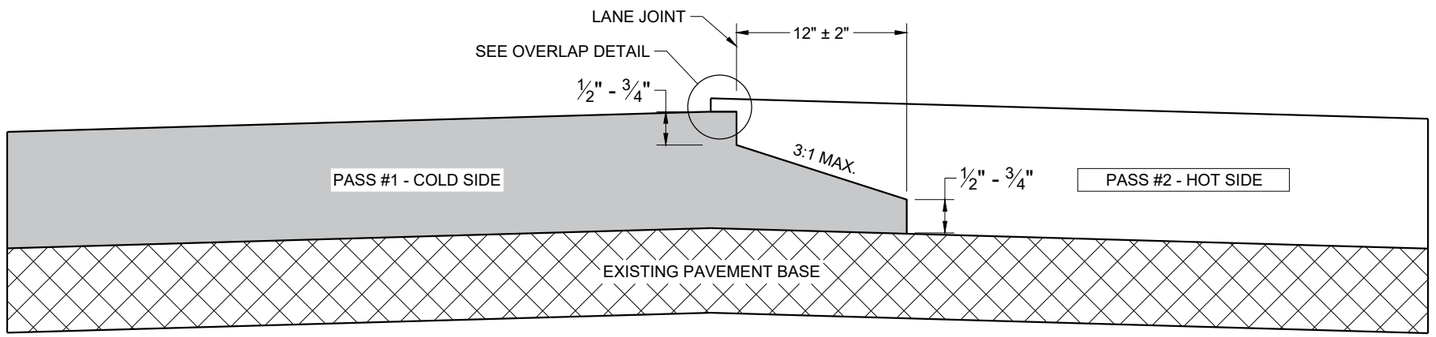
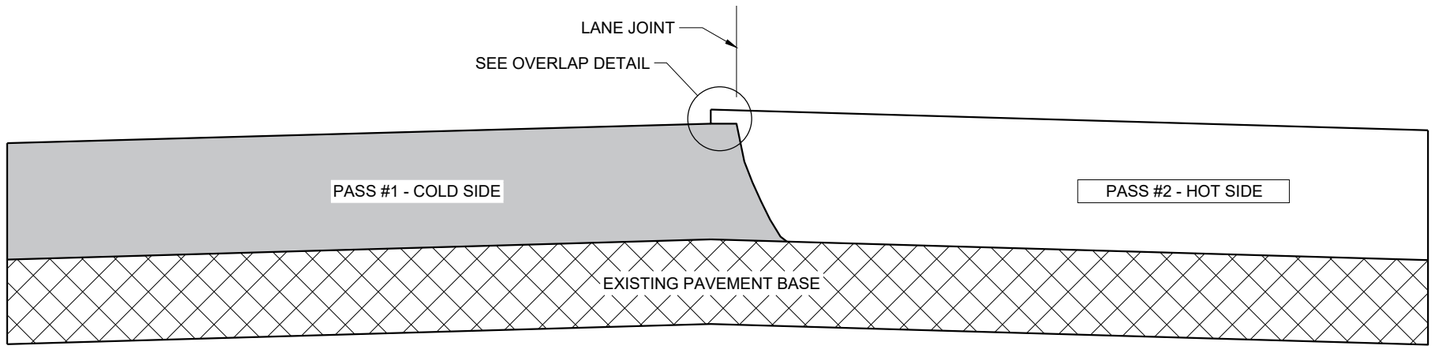
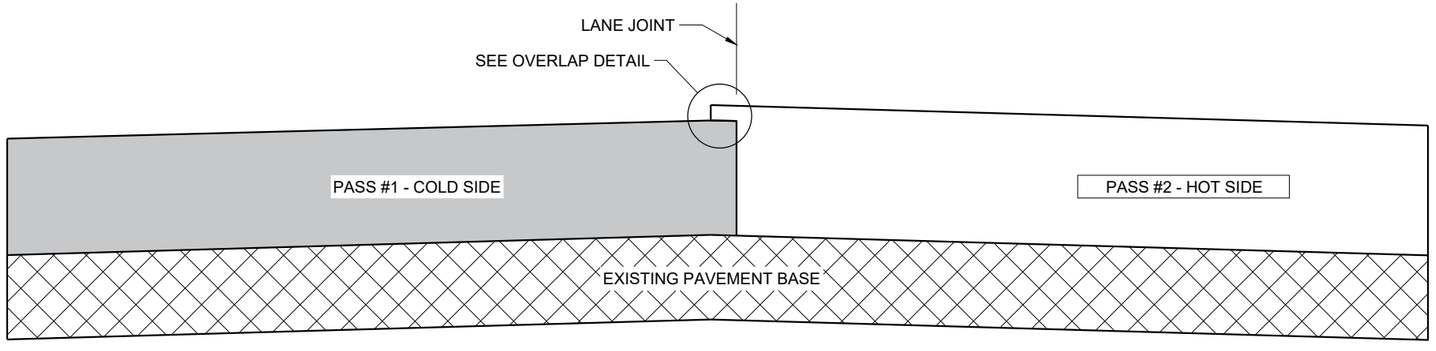
SDD13C18 - 08d



TYPICAL PAVEMENT CROSS SECTION
NOTCHED WEDGE JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT



TYPICAL PAVEMENT CROSS SECTION
VERTICAL JOINT (MILLED)

GENERAL NOTES

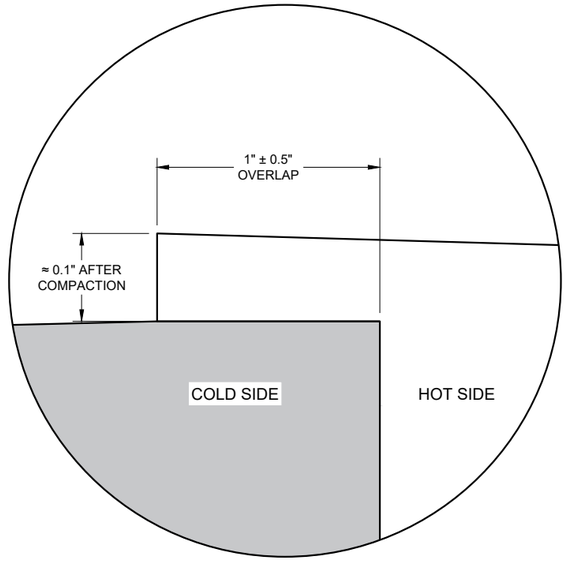
IN ADDITION TO THE DETAILS PROVIDED IN THIS DRAWING, CONFORM TO STANDARD SPECIFICATION 450.3.2.8 FOR WHEN A NOTCHED WEDGE JOINT IS REQUIRED AND FOR GENERAL JOINT CONSTRUCTION REQUIREMENTS.

FOR ALL LONGITUDINAL JOINTS, ENSURE THE PAVER SCREED OVERLAPS THE PREVIOUSLY PLACED PAVEMENT BY 1" ± 0.5" AND THE HOT SIDE OF THE JOINT REMAINS HIGHER THAN THE COLD SIDE BY APPROXIMATELY 0.1" AFTER FINAL COMPACTION. (IT WILL BE FLUSH WHEN PAVING IN ECHELON.)

ONLY REMOVE THE LONGITUDINAL NOTCHED WEDGE JOINT FOR SMA PAVEMENT OR AS DIRECTED BY THE ENGINEER TO ADDRESS SPECIFIC LENGTHS OF JOINT DAMAGED BY TRAFFIC.

WHEN MILLING BACK OR REMOVING ANY LONGITUDINAL JOINT, LIMIT THE MATERIAL REMOVED TO 2" FROM THE TOP NOTCH OR FROM THE VERTICAL JOINT EDGE ON THE COLD SIDE OF THE JOINT.

USE LONGITUDINAL MILLED JOINT AS PLANS SHOW OR THE AS THE ENGINEER DIRECTS.



OVERLAP DETAIL (TYPICAL)

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SDD 13C19 - 03

SDD 13C19 - 03

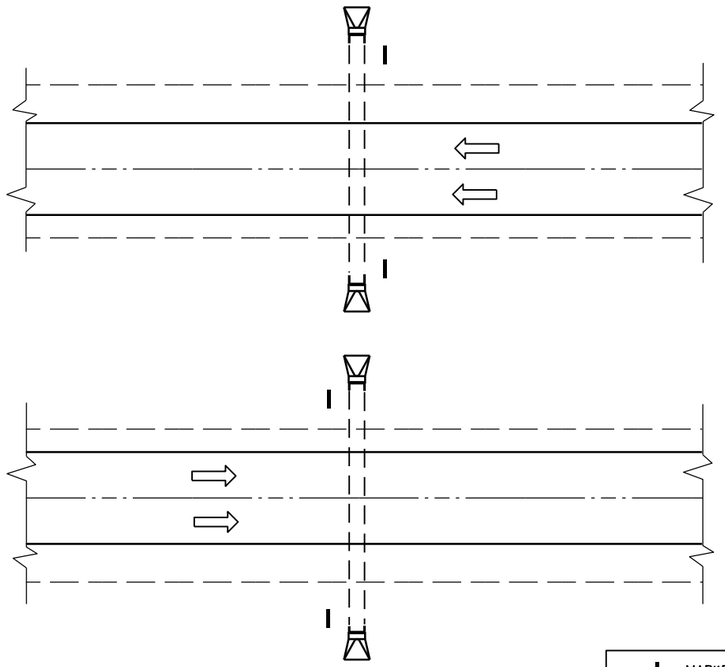
HMA LONGITUDINAL JOINTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2020
DATE

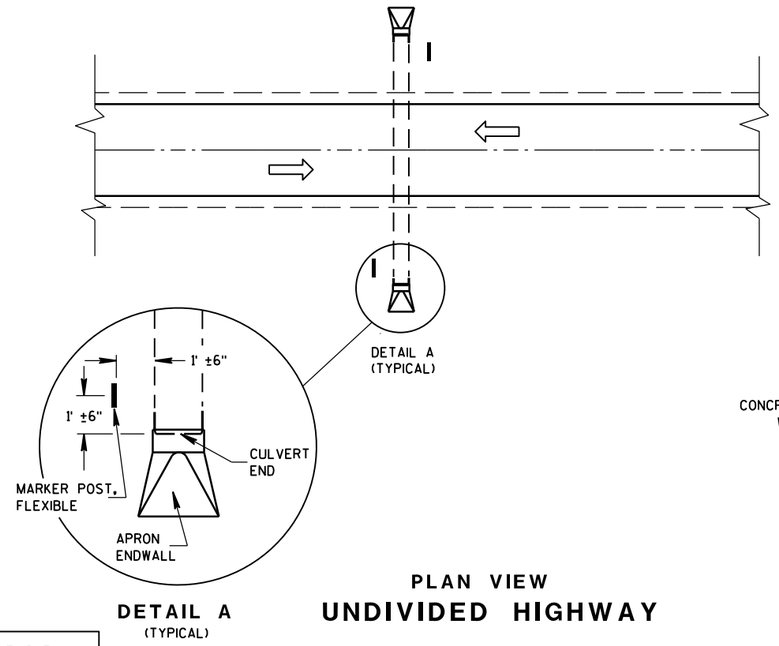
/S/ Steven Hefel
HMA PAVEMENT ENGIN

FHWA



PLAN VIEW

DIVIDED HIGHWAY



DETAIL A
(TYPICAL)

PLAN VIEW

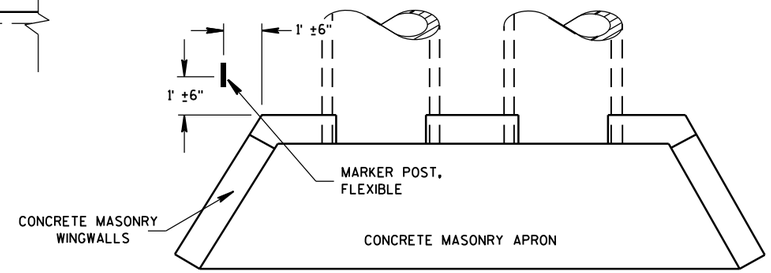
UNDIVIDED HIGHWAY

MARKER POST, FLEXIBLE

DIRECTION OF TRAFFIC FLOW

GENERAL NOTES

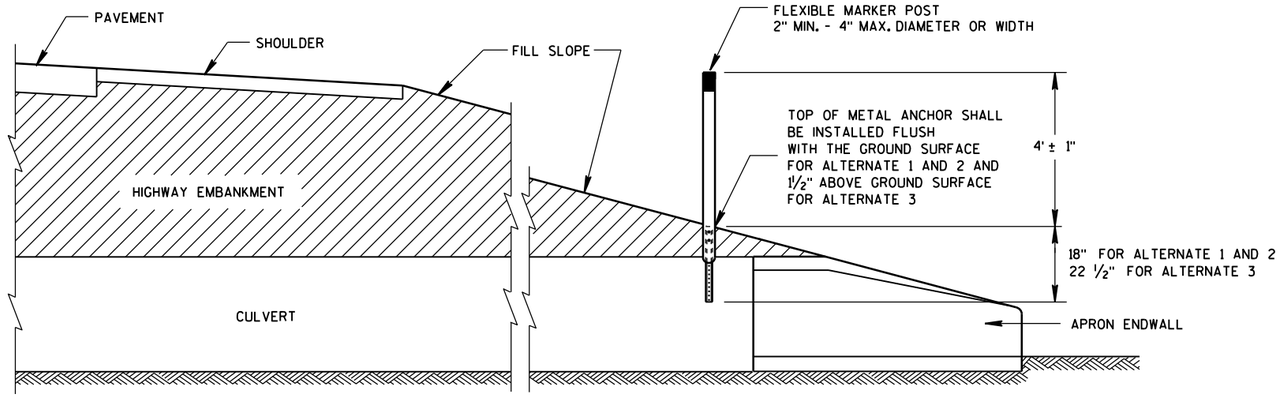
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.



PLAN VIEW

CONCRETE MASONRY ENDWALLS FOR CULVERT PIPE AND PIPE ARCH

FLEXIBLE MARKER POST LOCATION



CROSS SECTION

FLEXIBLE MARKER POST

FLEXIBLE MARKER POST FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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S.D.D. 15 A 3-2a

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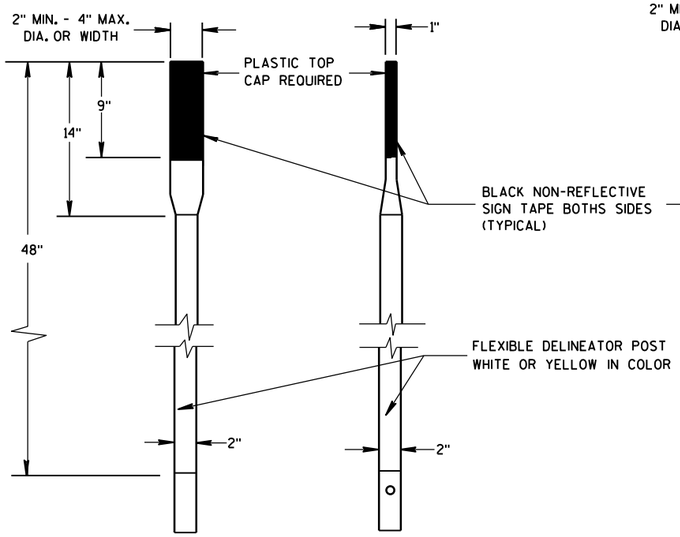
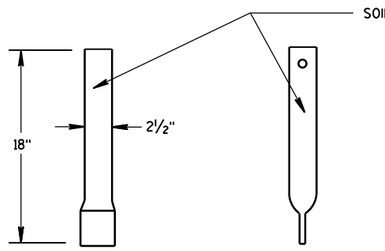
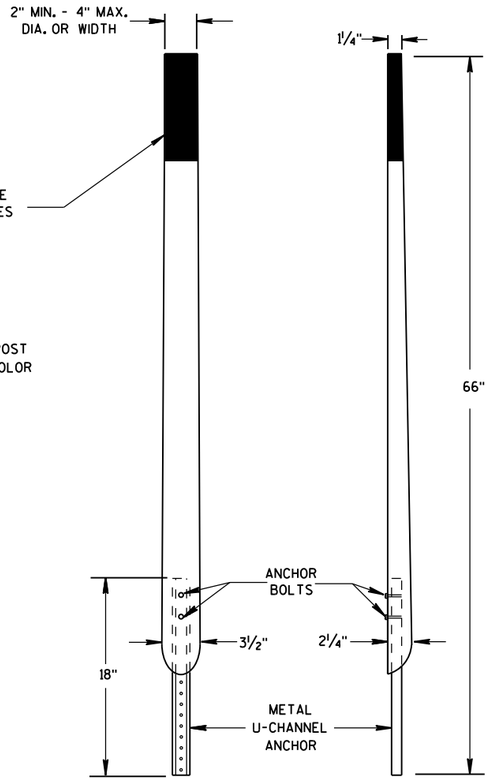
S.D.D. 15 A 3-2a





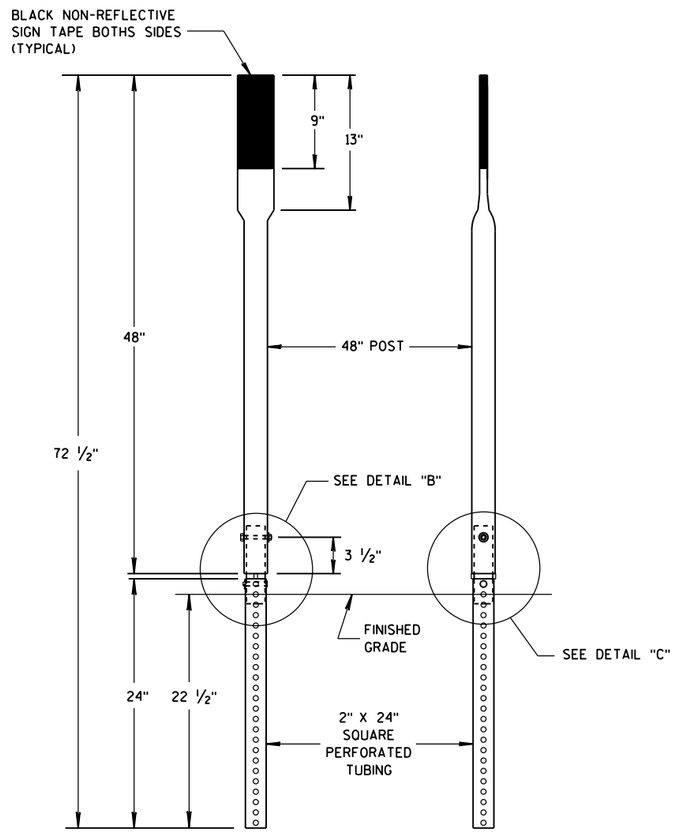
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

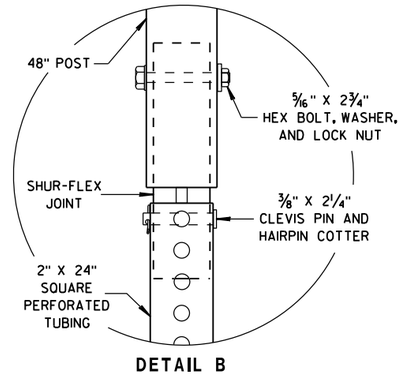
ALTERNATE 2



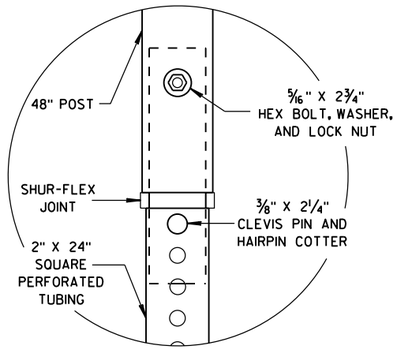
FRONT VIEW SIDE VIEW

ALTERNATE 3

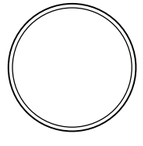
FLEXIBLE MARKER POSTS



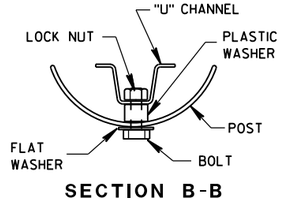
DETAIL B



DETAIL C



SECTION A-A



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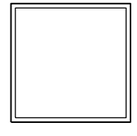

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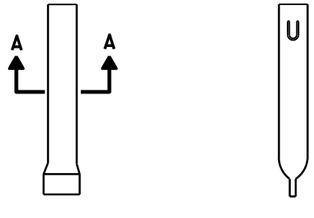
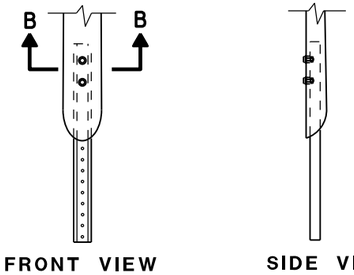


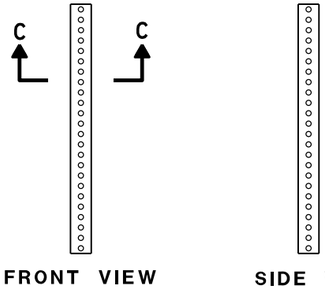
FRONT VIEW SIDE VIEW

ALTERNATE 1



FRONT VIEW SIDE VIEW

ALTERNATE 2



FRONT VIEW SIDE VIEW

ALTERNATE 3

FLEXIBLE MARKER POST ANCHORS

FLEXIBLE MARKER POST
FOR CULVERT END

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
10/1/2012 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

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S.D.D. 15 A 3-2b

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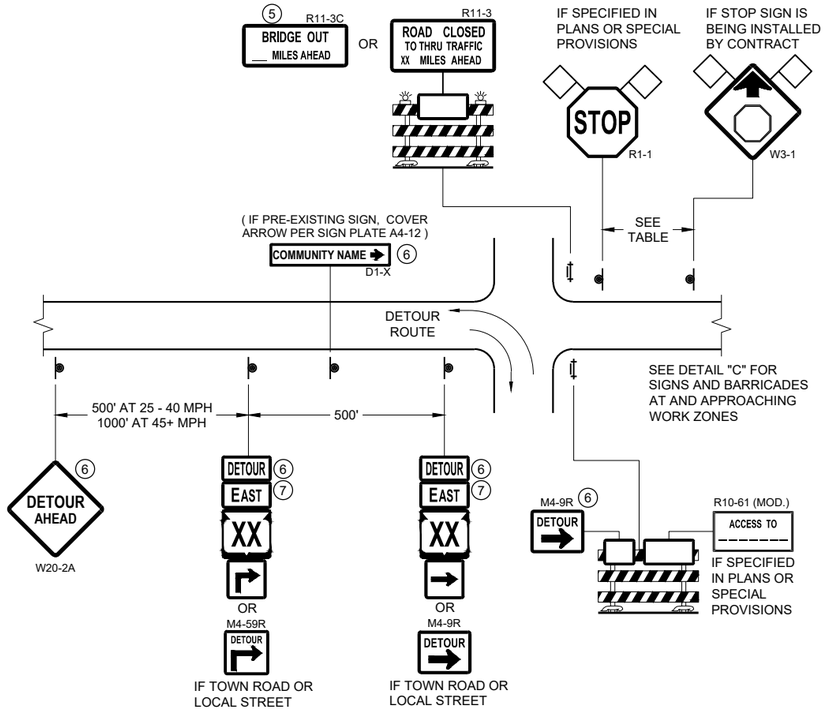
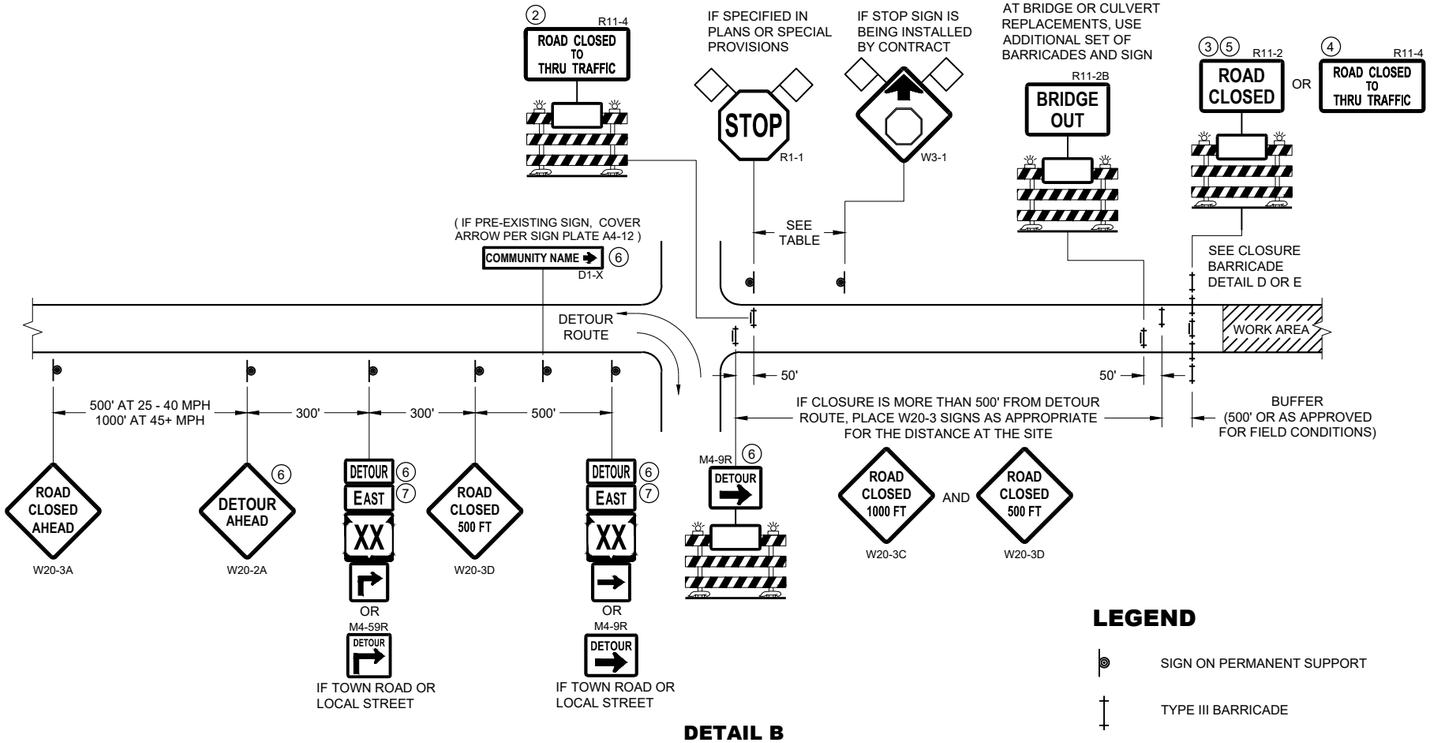
S.D.D. 15 A 3-2b



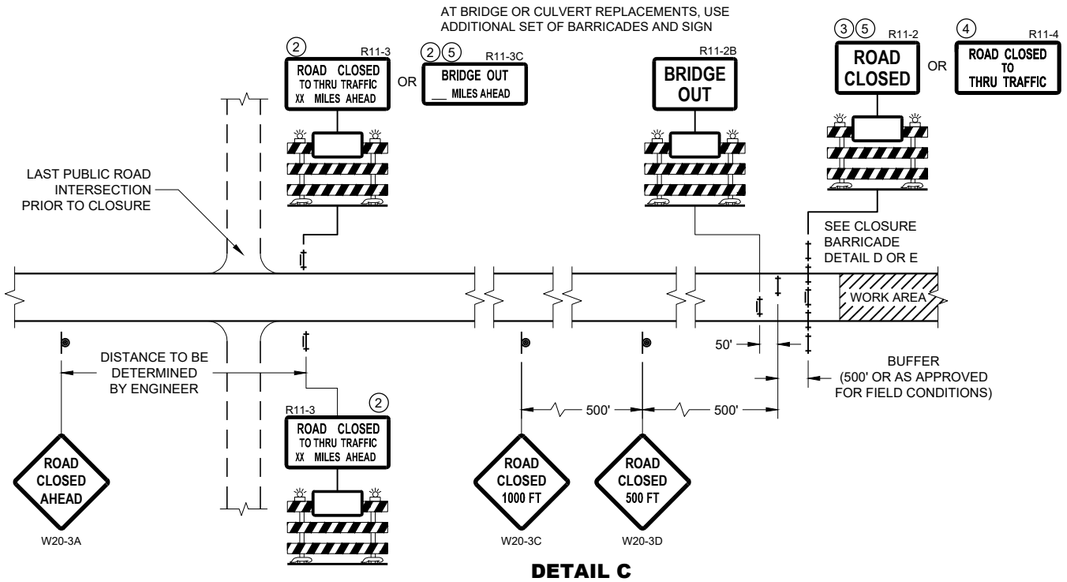
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN OR EQUAL TO ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



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 X — M1 - 5A
- M05 - 1 OR M06 - 1

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

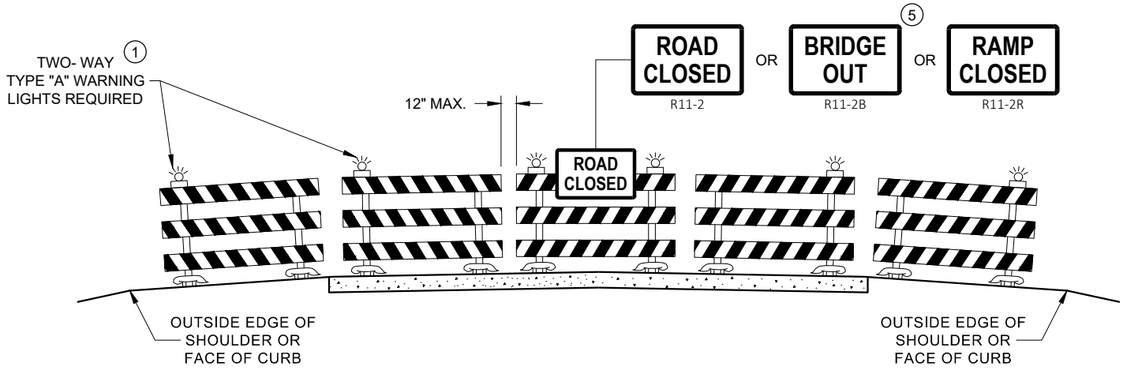
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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

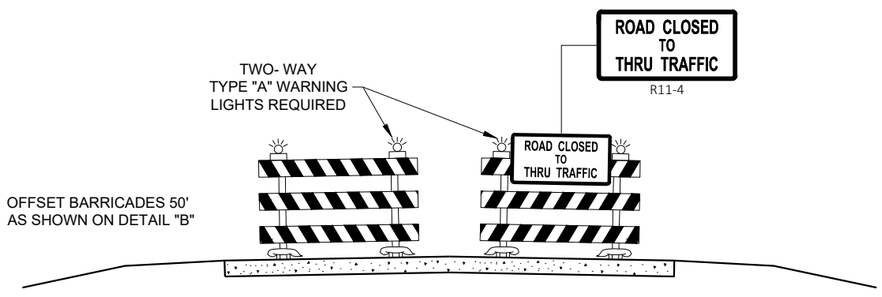
FHWA

6

SDD 15C02 - 09a



DETAIL D
ROAD CLOSURE BARRICADE DETAIL
APPROACH VIEW



DETAIL E
LANE CLOSURE BARRICADE DETAIL
APPROACH VIEW

SEE SDD 15C2 - SHEET "a" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE", SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION, OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW - INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11 - 2, R11 - 3, M4 - 9, R11 - 4, AND R10 - 61 SIGNS PLACED ON THE BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE RAIL OR BOTTOM RAILS.

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11 - 2 SHALL BE 48" X 30"
- R11 - 3 SHALL, R11 - 4 AND R10 - 61 SHALL BE 60 " X 30"
- M4 - 9 SHALL BE 30" X 24"
- M3 - X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4 - 8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1 - 4, M1 - 5A AND M1 - 6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- MO5 - 1 AND MO6 - 1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- D1 - X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1 - 1 SHALL BE 36" X 36"

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

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT AN INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "D".

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL "E".

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11 - 2 AND R11 - 3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR VARIOUS CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE
/S/ Andrew Heidtke
WORK ZONE ENGINEE
FHWA

6

SDD 15C02 - 09b

6

SDD 15C02 - 09b

THIS DRAWING PROVIDES GENERAL GUIDANCE ON TYPICAL DETOUR SIGN LAYOUT AND SPACING. SEE PROJECT DETOUR SIGNING SHEETS FOR SPECIFIC DETAILS FOR EACH PROJECT.

LEGEND

- SIGN ON PERMANENT SUPPORT
- WORK AREA
- DETOUR / EAST — M4 - 8, M3 - X
- XX — M1 - 4
- OR XX — M1 - 6
- OR COUNTY X — M1 - 5A
- M05 - 1
- OR M06 - 1
- OR M06 - 1

GENERAL NOTES

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. MODIFY EXISTING SIGNS WHERE POSSIBLE.

THE SPACING BETWEEN TRAFFIC CONTROL AND DETOUR SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

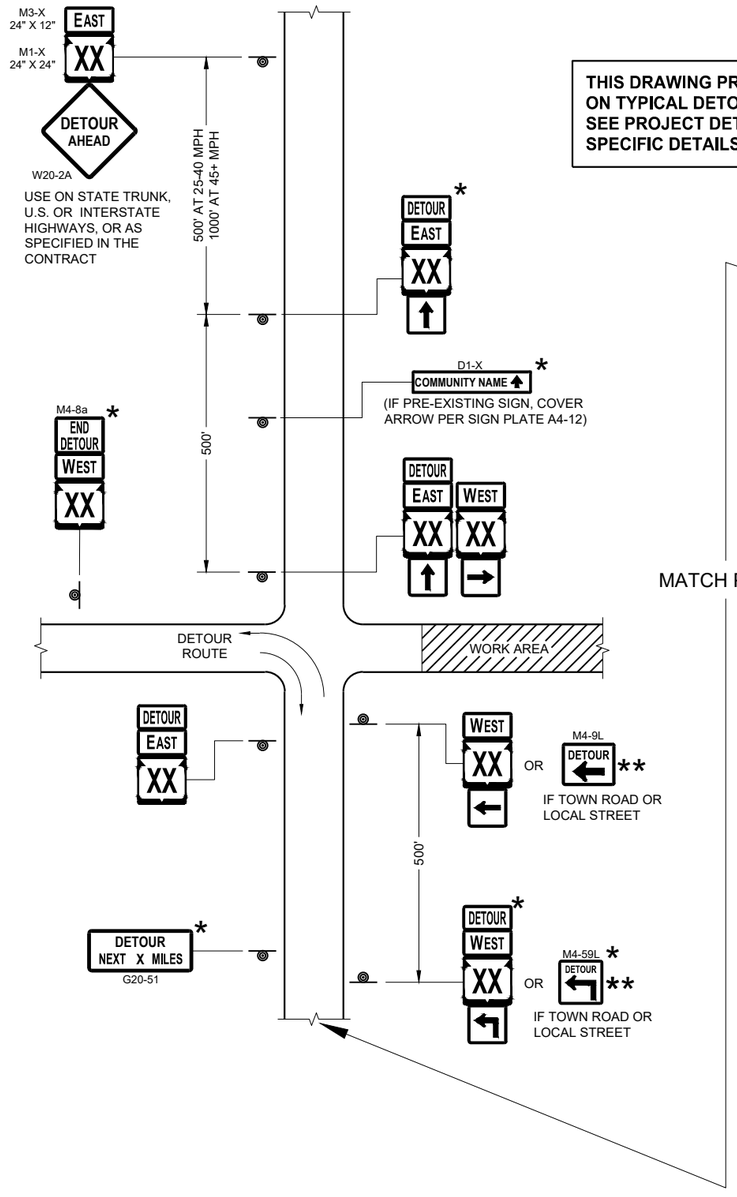
"MO" SIGNS ARE THE SAME AS "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

SIGN SIZES SHALL BE AS FOLLOWS:

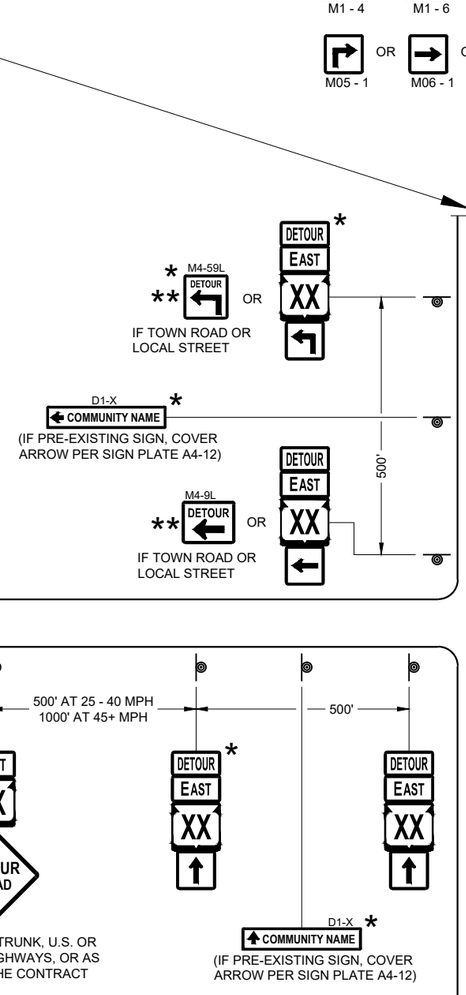
- M3-X SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-8 SHALL BE 24" X 12" (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS)
- M1-4, M1-5A AND M1-6 SHALL BE 24" X 24" (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS)
- M05-1 AND M06-1 SHALL BE 21" X 21" (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS)
- M4-9 AND M4-59 SHALL BE 30" X 24"
- M4-8a SHALL BE 24" X 18"
- G20-51 SHALL BE 60" X 24"
- W20-2A SHALL BE 48" X 48"
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.

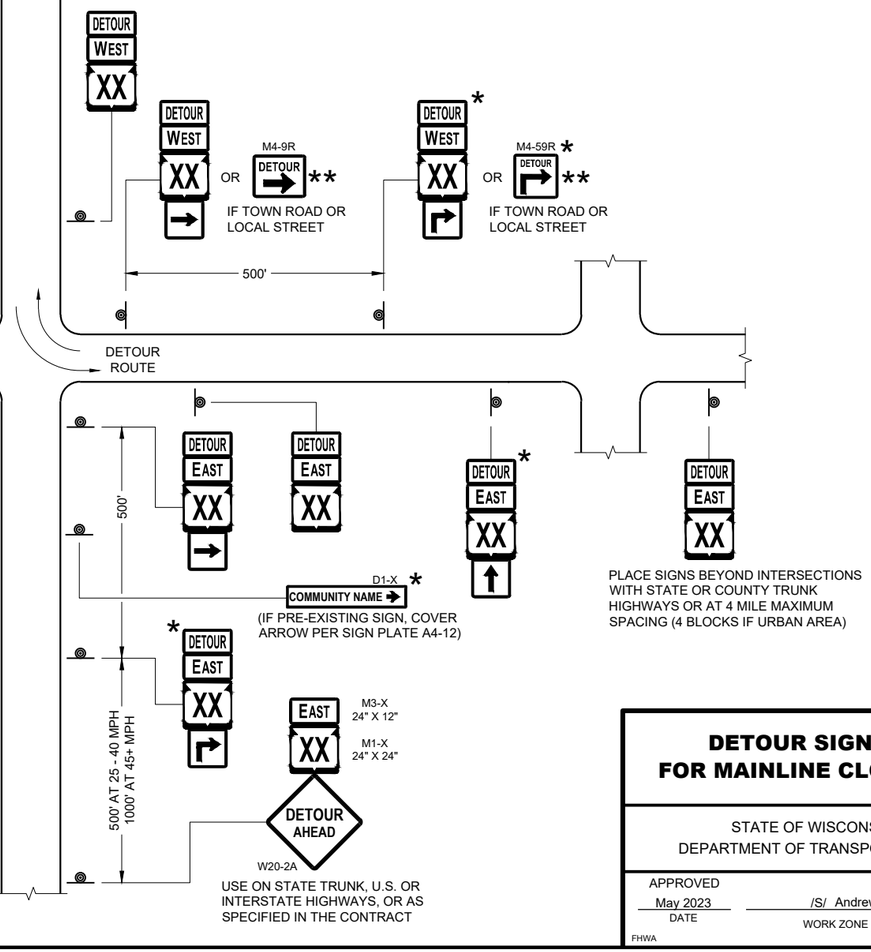
* OPTIONAL SIGNS. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS.

** FOR A TOWN ROAD OR LOCAL STREET DETOURED ONTO A STATE TRUNK HIGHWAY, PLACE A ROAD NAME PLAQUE ABOVE THE M4-9 SIGN AS SPECIFIED IN THE CONTRACT



MATCH POINT





SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS AND DETAIL A OR B ON SDD SHEET 15C02 - SHEET "a"

DETAIL F
DETOUR SIGNING

DETOUR SIGNING FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

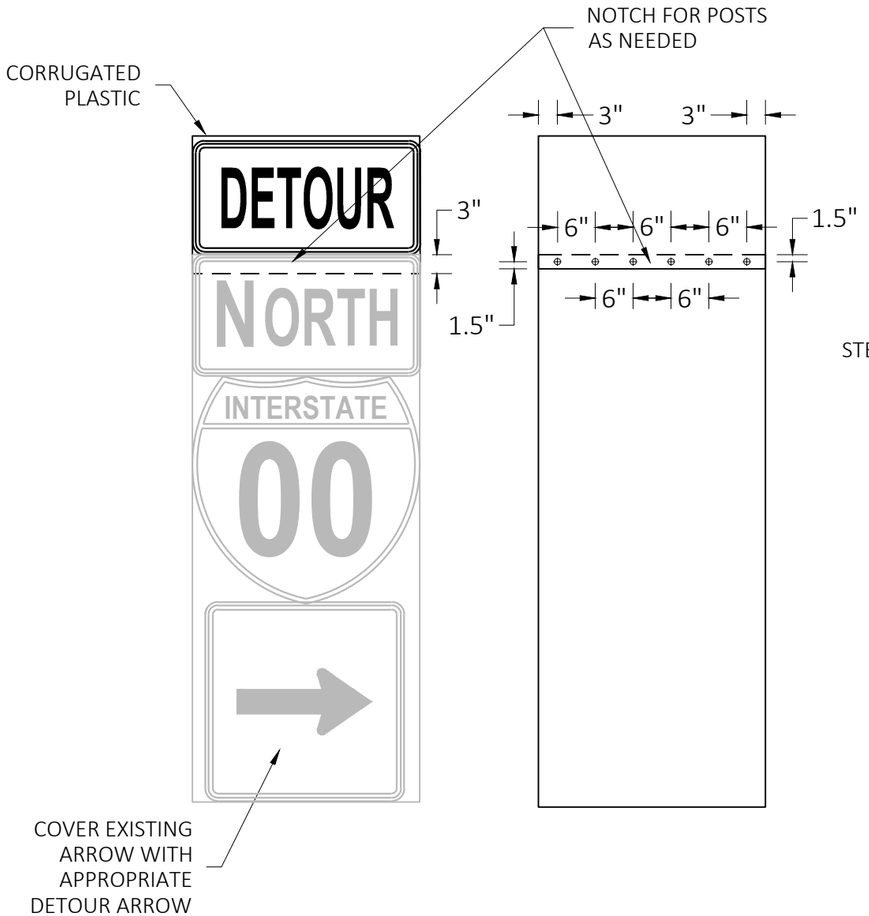
6

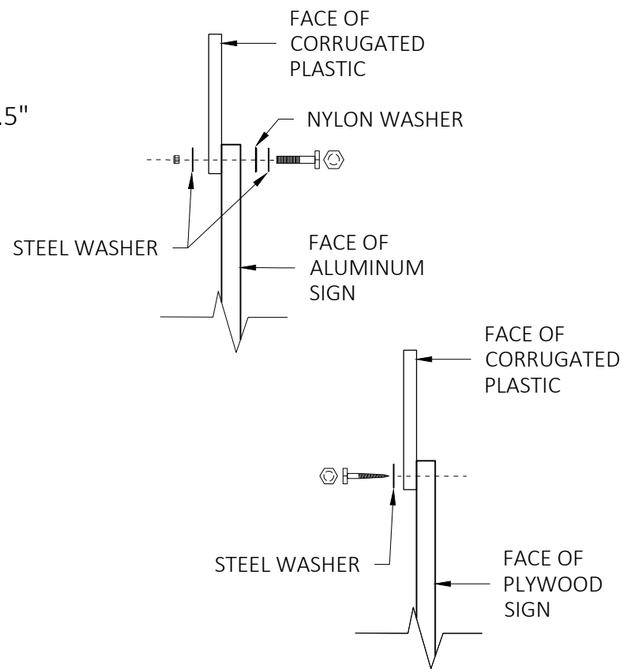
SDD 15C02 - 09c

FRONT SIDE

BACK SIDE

SIDE VIEW





GENERAL NOTES

CELLS OF CORRUGATED PLASTIC SHALL BE VERTICALLY ORIENTED.

PROVIDE A 0.4-INCH THICK BASE CORRUGATED PLASTIC WITH A 0.035-INCH WALL THICKNESS AND 0.4-INCH CELL SIZE.

FOR 36" WIDE SIGNS: USE 6 FASTENERS AS SHOWN.

FOR 24" WIDE SIGNS: USE 4 FASTENERS WITH EDGE SPACING AS SHOWN AND 6" SPACING BETWEEN FASTENERS.

METAL WASHERS, NUTS, BOLTS AND LAGS 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, SC3

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.

PLYWOOD SIGNS:
LAG SCREWS - 5/16" x 1"
ALUMINUM SIGNS:
MACHINE BOLTS - 5/16" x 1-1/4" LENGTH W/NUTS
WASHERS:
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

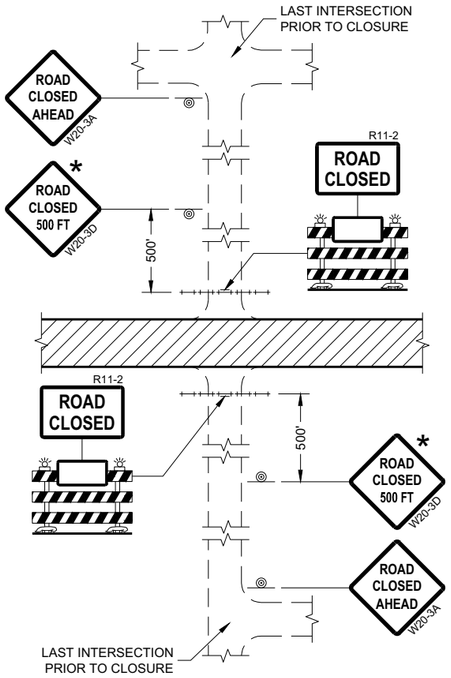
MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

MODIFIED ROUTE ASSEMBLY FOR DETOUR SIGNING

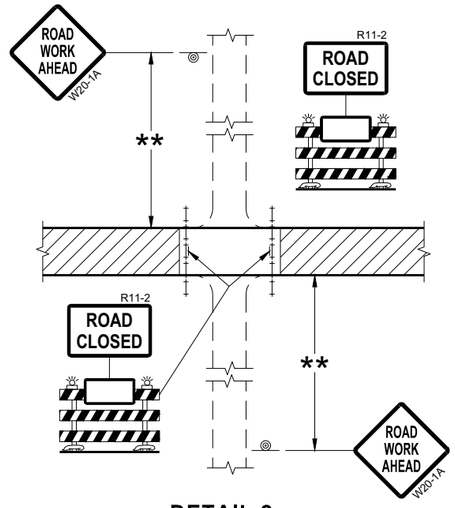
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Andrew Heidtke — ROADWAY STANDARDS DEVEL ENGINEER
FHWA

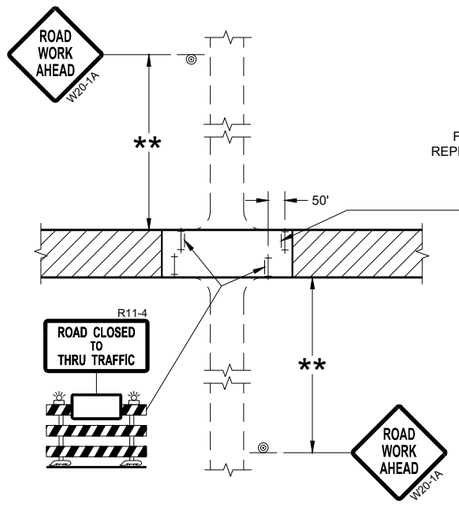
6
SDD 15C02-09h



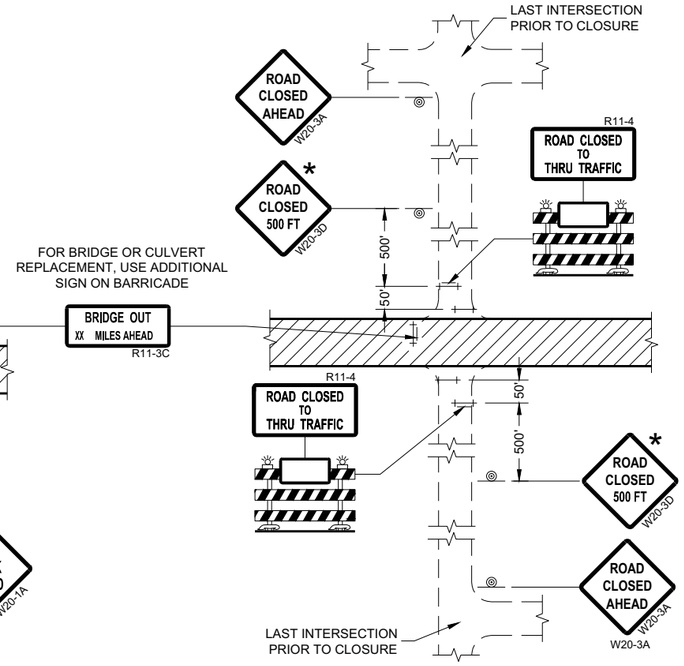
DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED.
NO ACCESS TO PROJECT)



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



DETAIL 4
(CONTRACTOR, LOCAL BUSINESS AND
RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE (500 FEET DESIRABLE) TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY REESTABLISHED UPON COMPLETION OF THE OPERATION OR FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

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

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL "D" FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

* OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FEET OR LESS FROM THE WORK ZONE.

** 500' MAX. OR AT LAST INTERSECTION, WHICHEVER IS CLOSEST.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C03 - 05

6

SDD 15C03 - 05

GENERAL NOTES

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

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

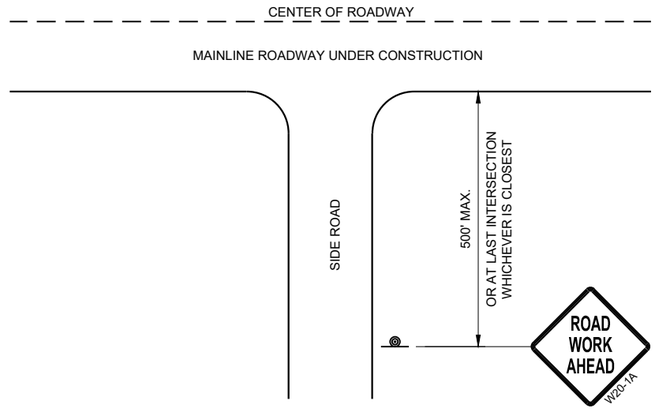
ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

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

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS

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



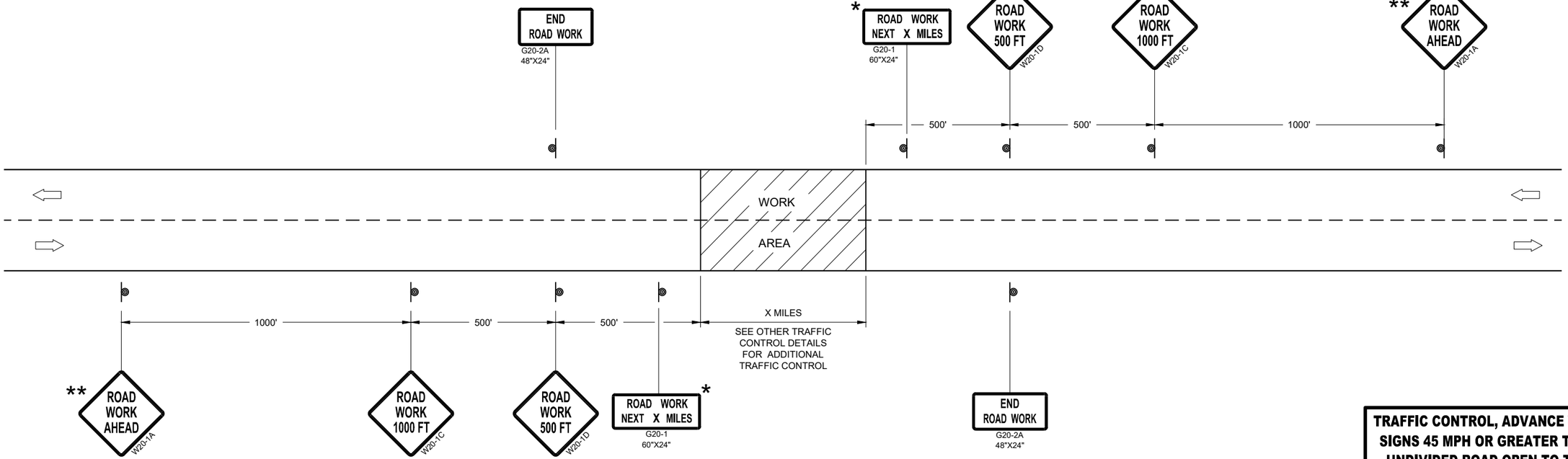
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45MPH OR GREATER

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 MPH OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

6

SDD 15C04 - 05

GENERAL NOTES

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

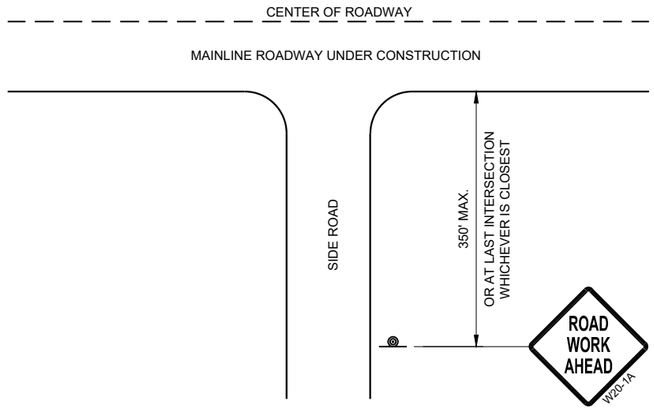
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"X36" SIGNS MAY BE USED INSTEAD OF 48" X 48" SIGNS.

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

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS REESTABLISHED.

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



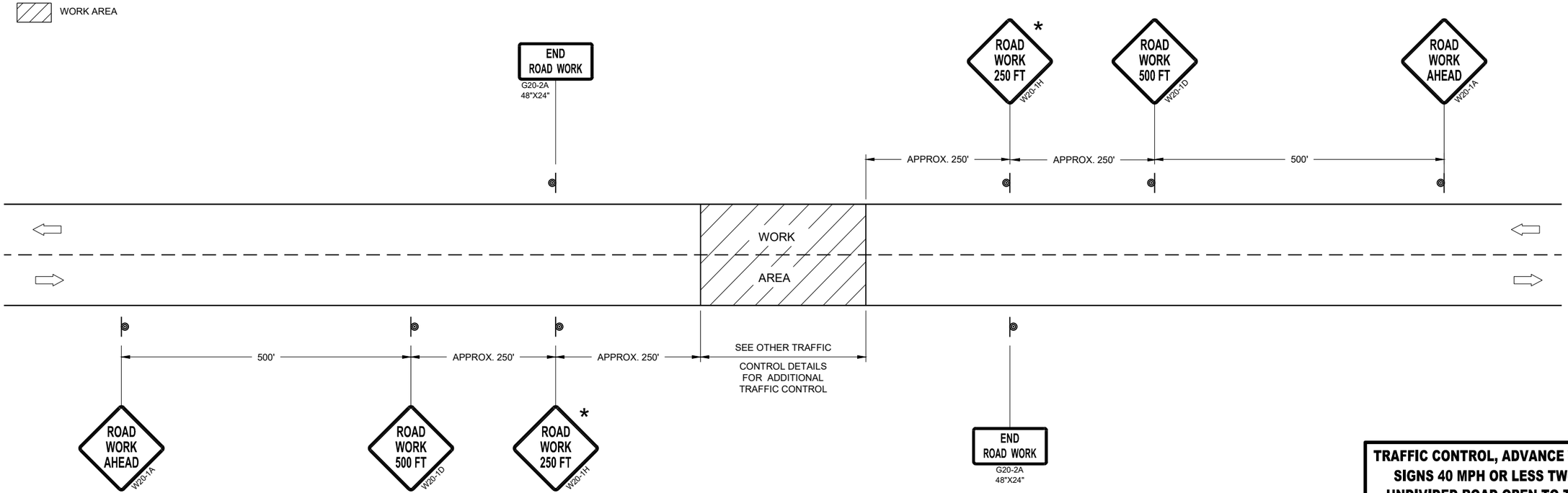
TYPICAL SIDE ROAD APPROACH WARNING SIGN DETAIL

LEGEND

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

WORK AREA



TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40MPH OR LESS

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
July 2018
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

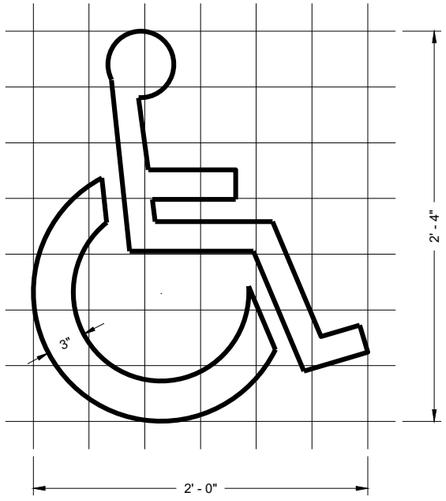
FHWA

6

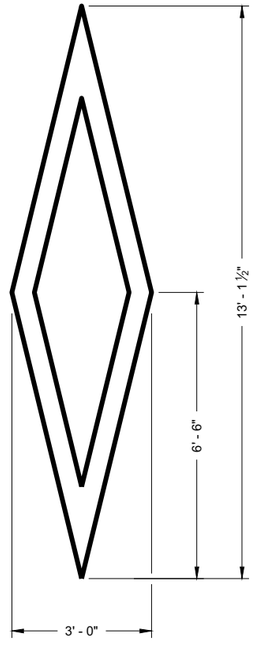
SDD 15C05 - 05

GENERAL NOTES

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



HANDICAP SYMBOL



PREFERENTIAL LANE SYMBOL

6

6

SDD 15C07 - 15a

SDD 15C07 - 15a

PAVEMENT MARKING SYMBOLS

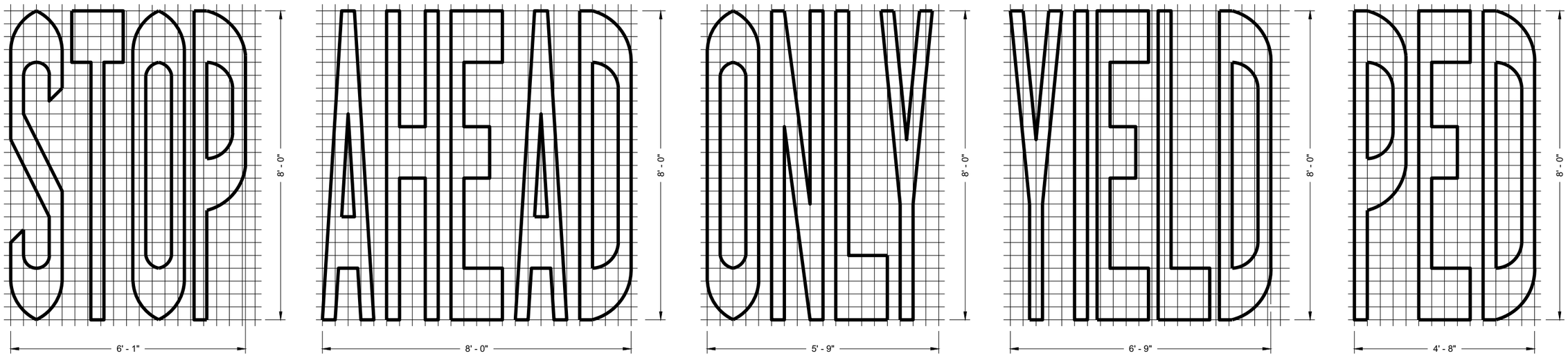
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

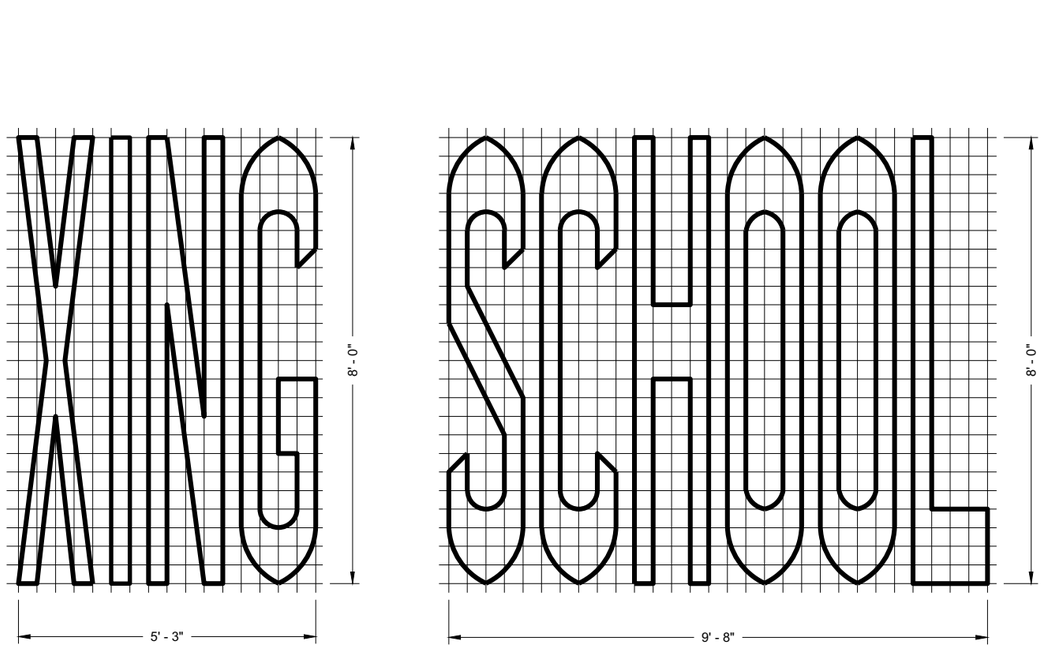
APPROVED

November 2019
DATE

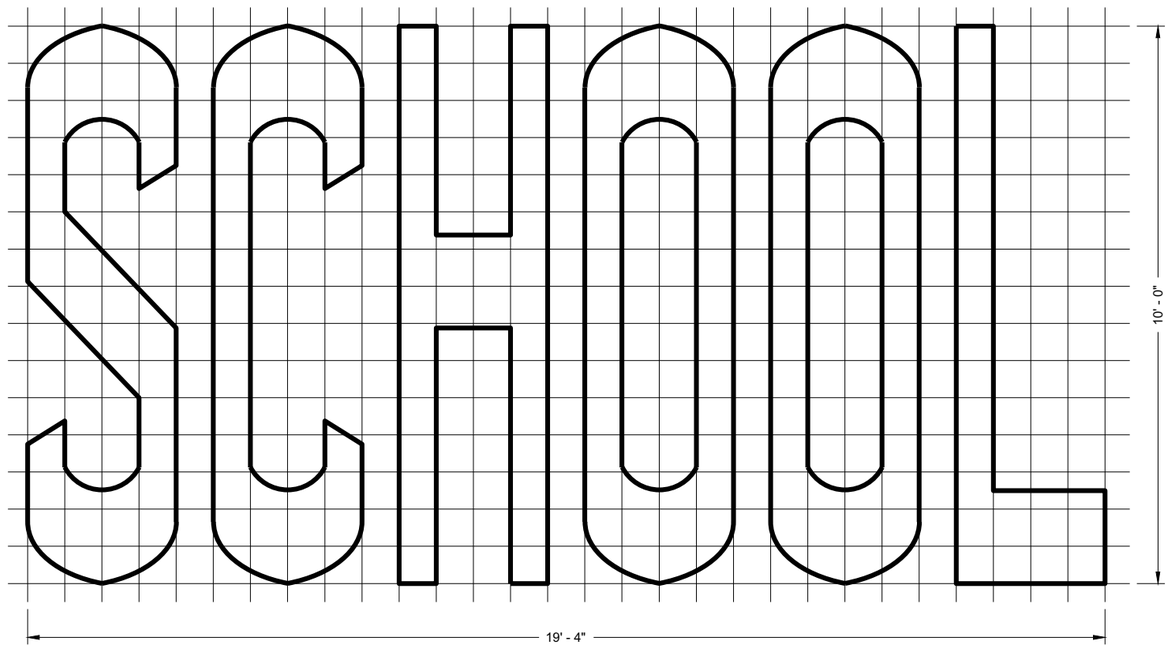
/S/ Matthew Rauch
STATE SIGNING AND MAR ENGINEER

FHWA





SINGLE LANE



TWO - LANE

GENERAL NOTES

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

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019
DATE

/S/ Matthew Rauch
STATE SIGNING AND MAF ENGINEER

FHWA

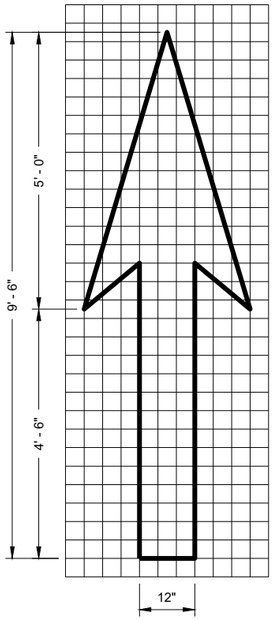
6

SDD 15C07 - 15b

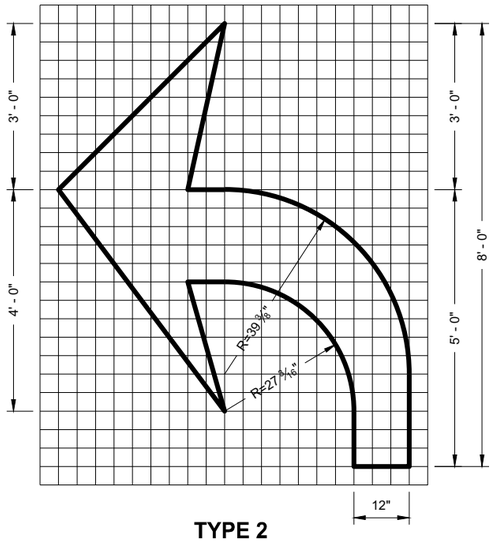
SDD 15C07 - 15b

GENERAL NOTES

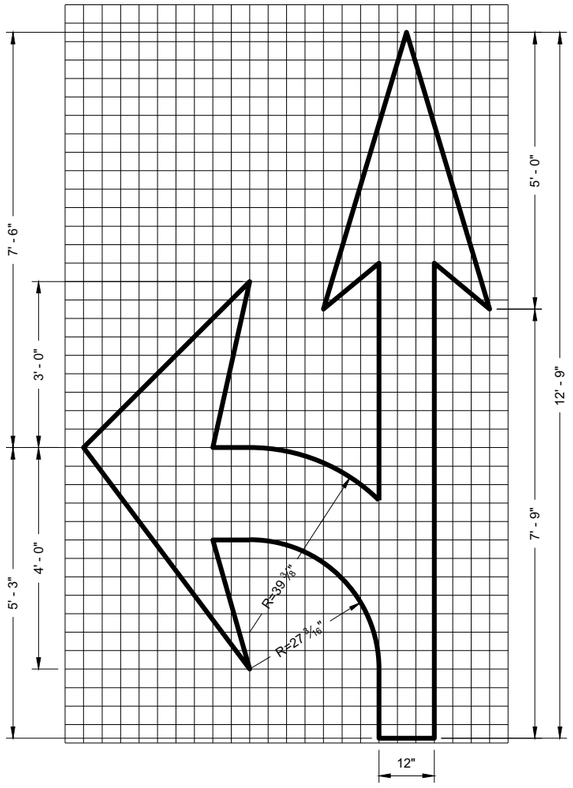
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



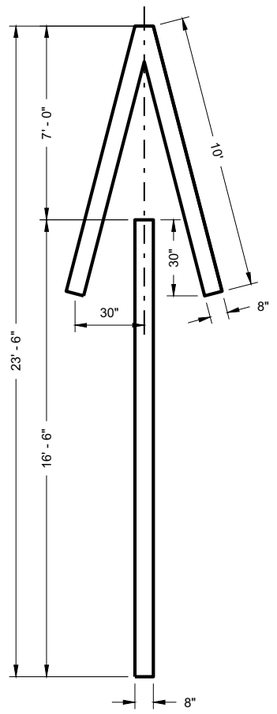
TYPE 1



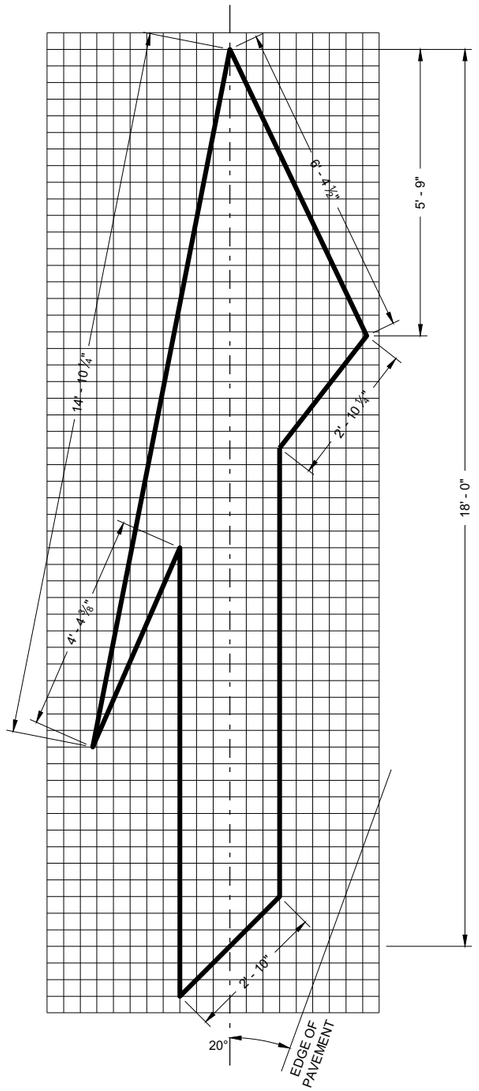
TYPE 2



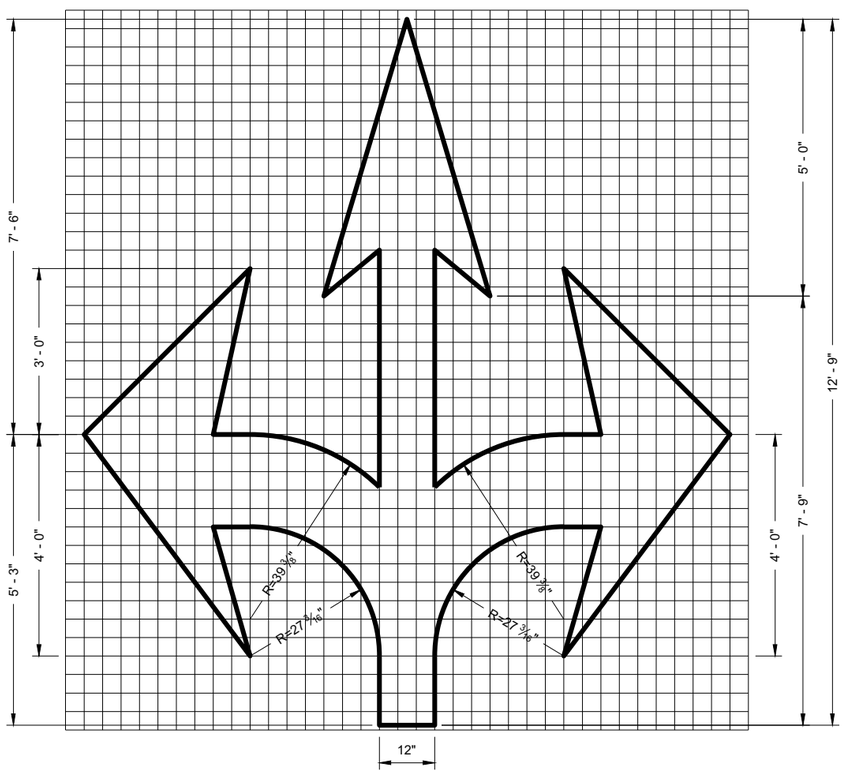
TYPE 3



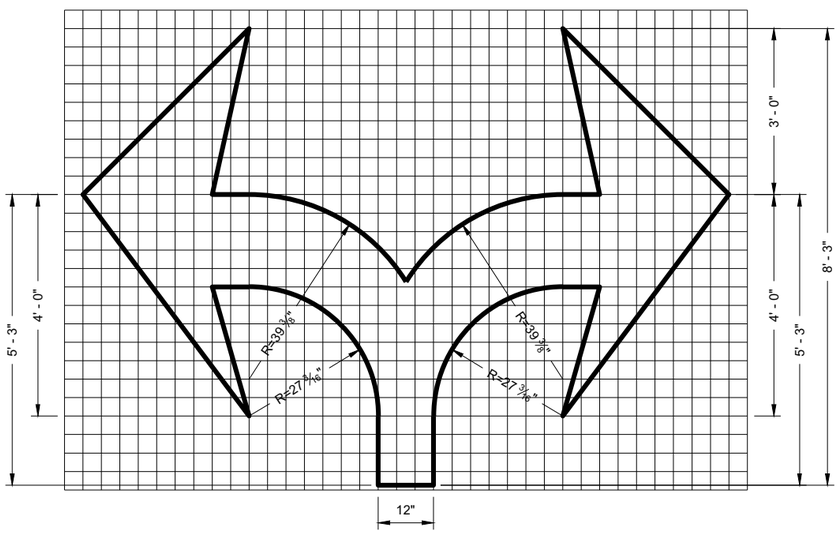
TYPE 4



TYPE 5 LANE DROP ARROW



TYPE 6



TYPE 7

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

6

SDD 15C07 - 15c

6

SDD 15C07 - 15c

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.

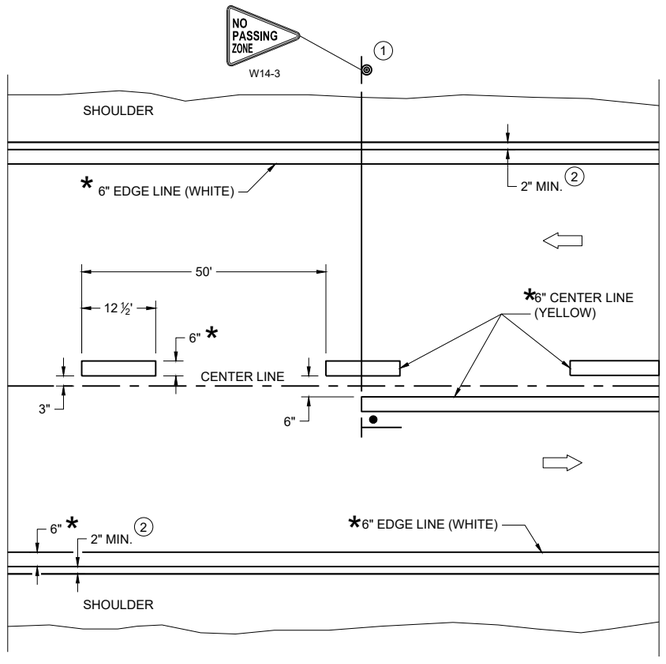
*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEGEND

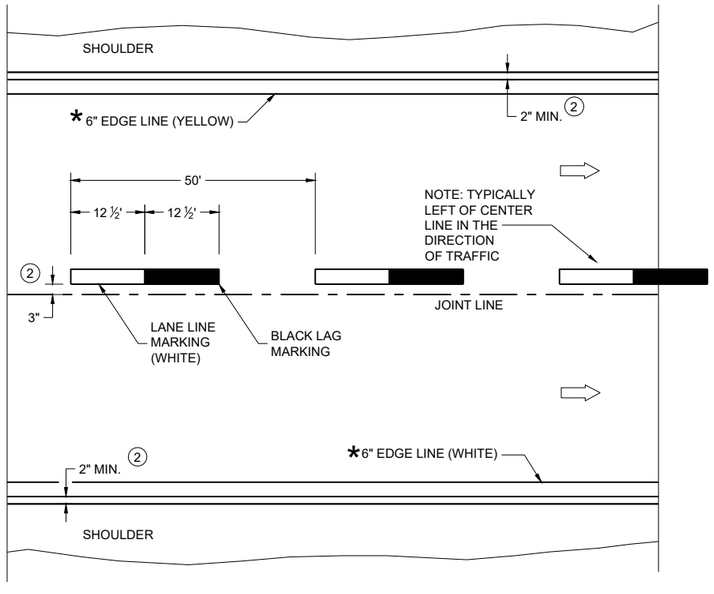
"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

6

PERMANENT LONGITUDINAL PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

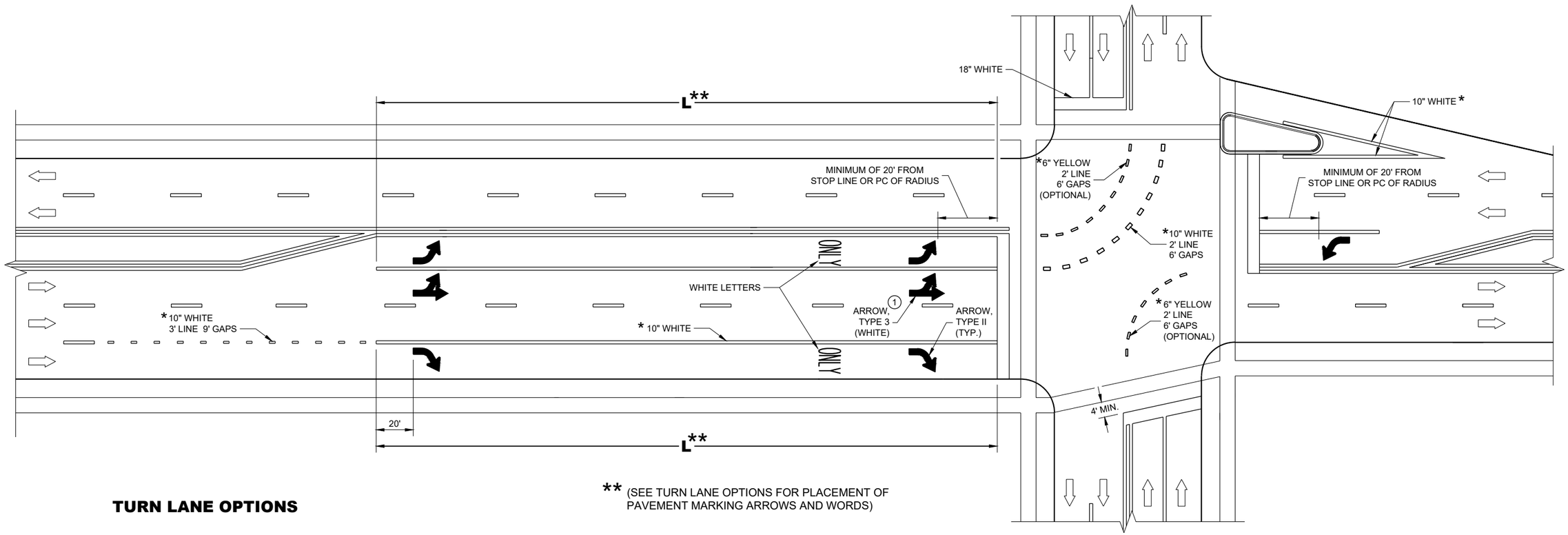
APPROVED

May 2023
DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

FHWA

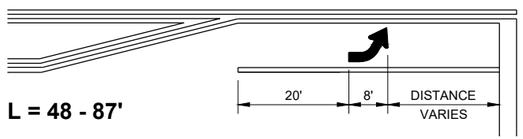
SDD 15C08-23a



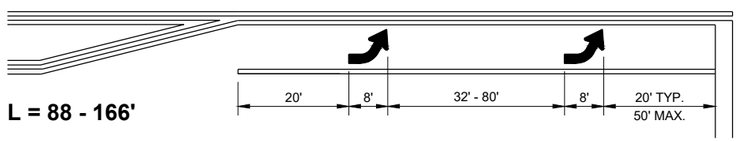
** (SEE TURN LANE OPTIONS FOR PLACEMENT OF PAVEMENT MARKING ARROWS AND WORDS)

TURN LANE OPTIONS

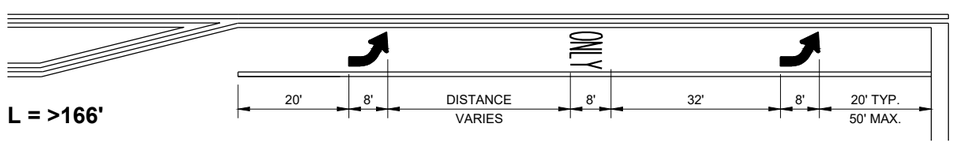
LENGTH OF TURN BAY (**L**) OF 0 - 47' DOES NOT REQUIRE PAVEMENT MARKING ARROWS OR WORDS



L = 48 - 87'



L = 88 - 166'



L = >166'

GENERAL NOTES

(1) QUANTITY AND LOCATION OF TYPE 3 ARROWS ARE THE SAME AS THE TYPE II ARROWS IN THE ADJACENT TURN LANE. FOR TURN LANES WITH A PHYSICAL SEPARATION IN THE SAME DIRECTION OF TRAVEL, THE ARROWS AND "ONLY" MARKING MAY BE ELIMINATED.

DIRECTION OF TRAFFIC

L = LENGTH OF TURN BAY

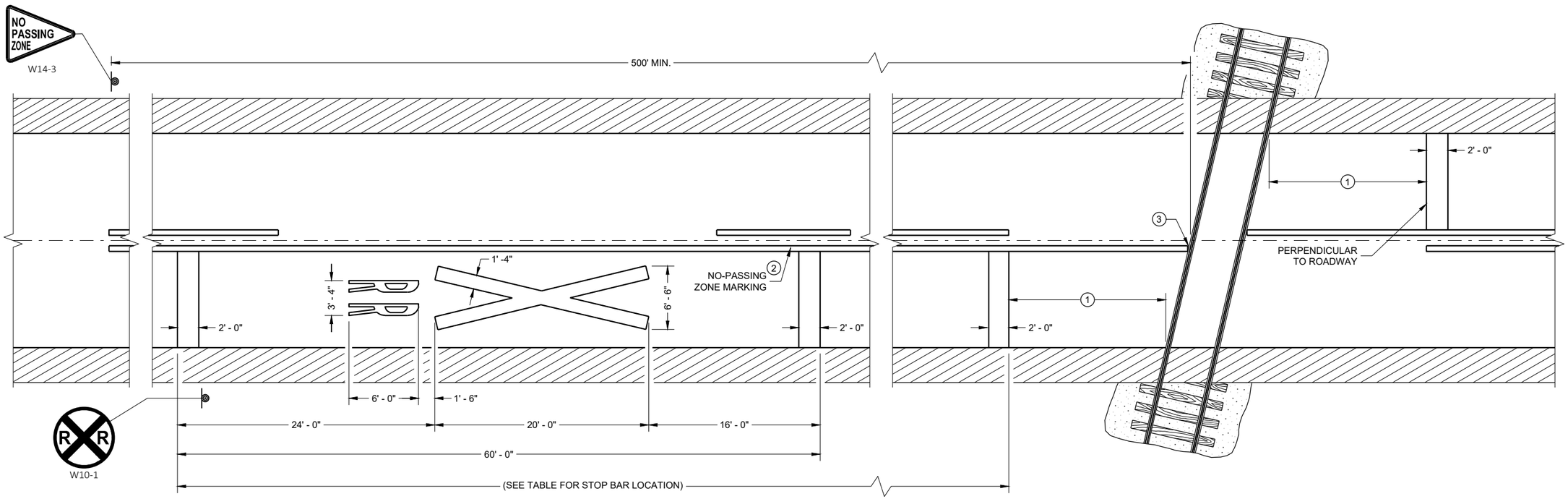
* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

PAVEMENT MARKING (TURN LANES)

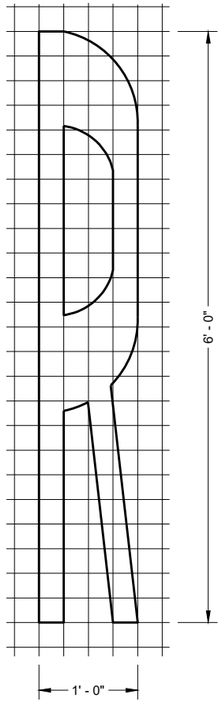
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15C08-23d



PAVEMENT MARKING



LEGEND

SIGN ON PERMANENT SUPPORT

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.

ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.

CENTER OR LANE LINES AND NO-PASSING ZONE MARKINGS SHOWN ON THIS DRAWING ARE REQUIRED AND PAID FOR UNDER OTHER ITEMS IN THE CONTRACT.

TRACE EXISTING SYMBOL WHERE EXISTING SYMBOLS ARE PLACED.

(1) PLACE STOP BAR APPROXIMATELY 8 FEET IN ADVANCE OF THE GATE (IF PRESENT), BUT NO CLOSER THAN 15 FEET IN ADVANCE OF THE NEAREST RAIL. FIELD-FIT STOP BAR TO MAXIMIZE VIEW OF APPROACHING TRAIN.

(2) 500' MINIMUM. MARKING LIMITS MAY BE EXTENDED AS DIRECTED BY THE ENGINEER TO MEET ADJACENT NO-PASSING ZONE MARKINGS.

(3) FOR MULTIPLE TRACK CROSSINGS, THE BARRIER LINE SHALL EXTEND TO THE NEAR RAIL OF THE FURTHEST TRACK IN THE DIRECTION OF HIGHWAY TRAVEL.

DISTANCE TABLE

TABLE BASED UPON 2C-4 WISCONSIN SUPPLEMENT OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

POSTED SPEED (M.P.H.)	DIMENSION RANGE (FEET)
25	150* - 250'
30	200* - 300'
35	250* - 450'
40	300* - 500'
45	400* - 650'
50	550* - 800'
55	750* - 1000'
60	1000* - 1250'
65	1000* - 1250'

* THE MINIMUM DISTANCES IN THE TABLE ARE DESIRABLE AND SHOULD BE USED. THE DISTANCES MAY BE INCREASED UP TO THE MAXIMUM TO ALLOW FOR FIELD CONDITIONS SUCH AS THE CLOSED PROXIMITY OF DRIVEWAYS, BRIDGES, SIDE ROADS OR OTHER FEATURES THAT WOULD PROHIBIT THE MINIMUM DISTANCES FROM BEING USED.

SIGNING AND PAVEMENT MARKING DETAILS FOR RAILROAD - HIGHWAY GRADE CROSSINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

May 2023
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR ENGINEER

FHWA

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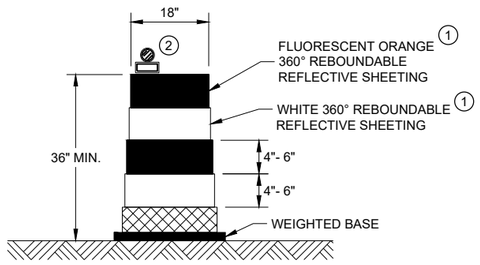
SDD 15C09-13a

SDD 15C09-13a

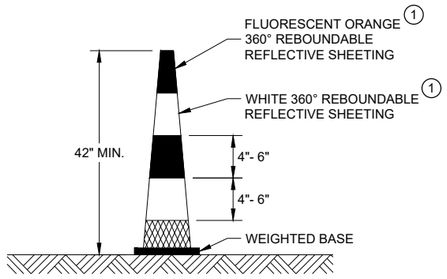
GENERAL NOTES

1. REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
2. LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



DRUM

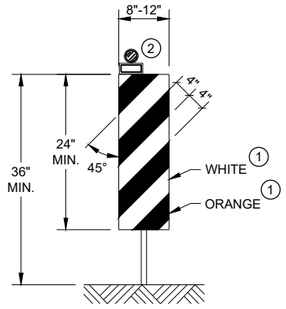
BALLAST WIDTHS
RANGE FROM 24"-36"



42" CONE

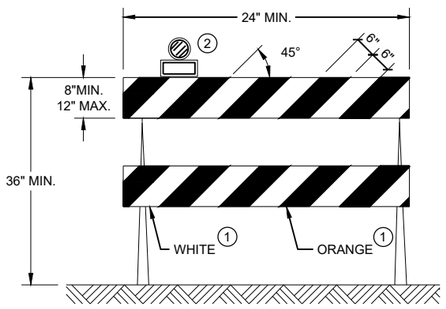
DO NOT USE IN TAPERS
½ SPACING OF DRUMS

BALLAST WIDTHS
RANGE FROM 14"-20"



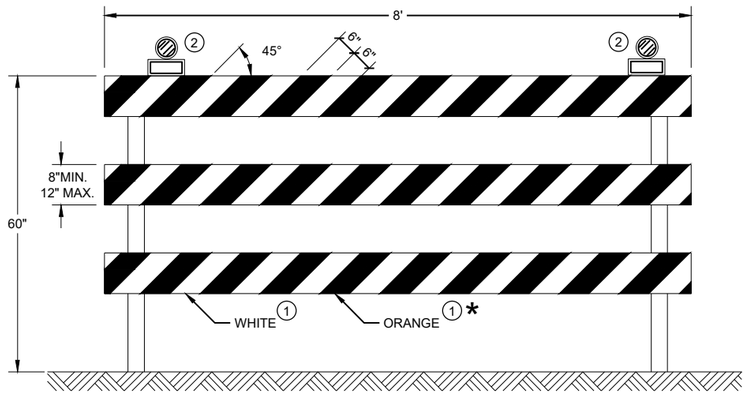
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO
THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES
MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD
TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP
TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
November 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

6

SDD 15C11 - 10b

6

SDD 15C11 - 10b

LEGEND

SIGN ON PORTABLE OR PERMANENT SUPPORT

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

DIRECTION OF TRAFFIC

WORK AREA

FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

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.

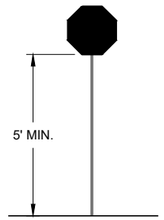
(3) EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER

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.



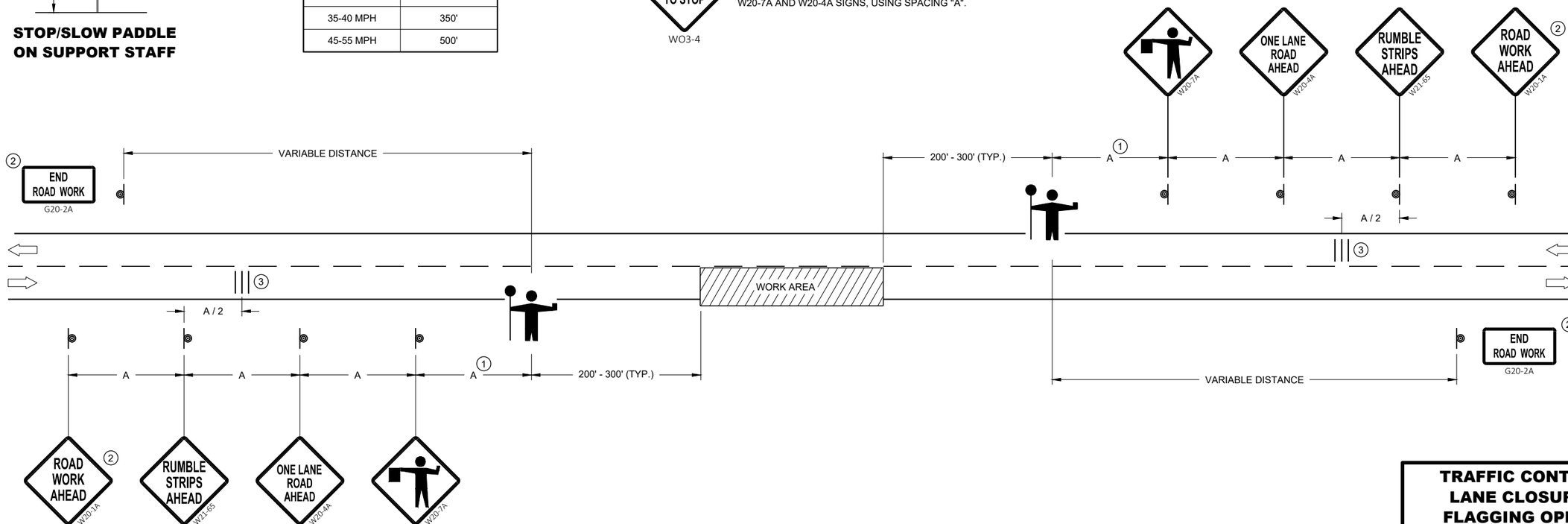
STOP/SLOW PADDLE ON SUPPORT STAFF

SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

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

WO3-4

USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING "A".



TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2022
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEER

FHWA

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SDD 15C12 - 09a

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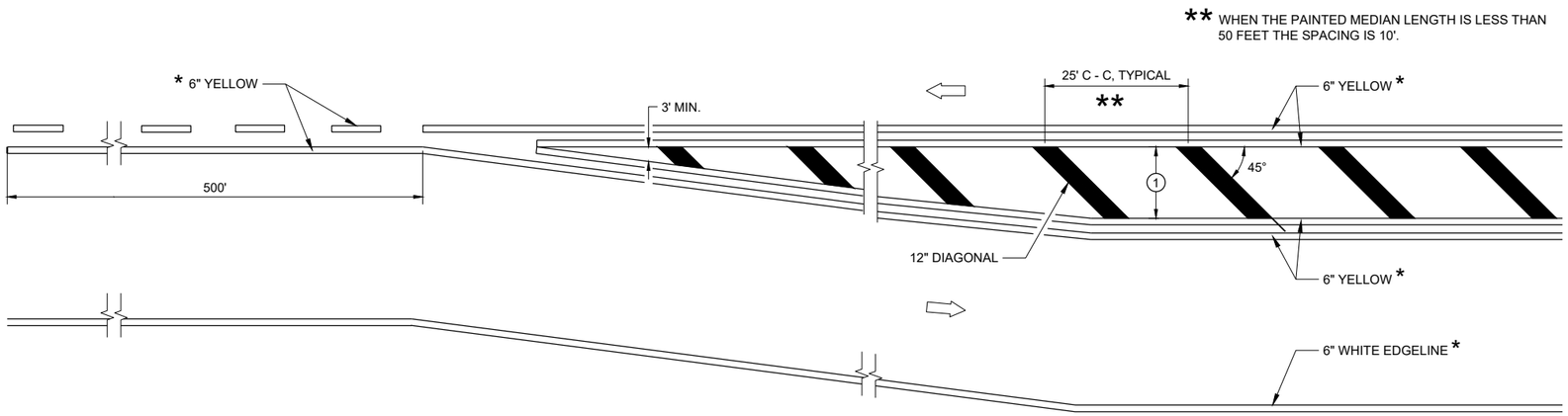
SDD 15C12 - 09a



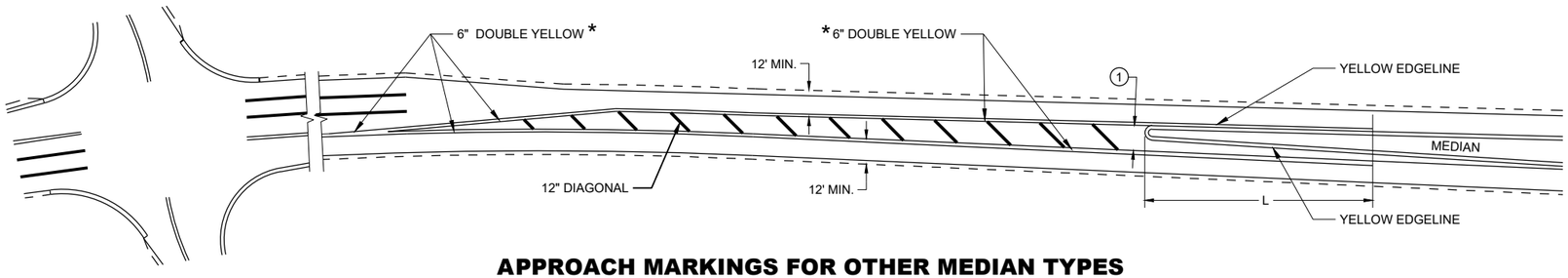
MEDIAN ISLAND DETAIL

GENERAL NOTES

1. DIAGONALS ARE OPTIONAL WHEN PAINTED ISLAND IS LESS THAN 6 FEET AT THE WIDEST POINT. OMIT DIAGONALS IF WIDTH IS LESS THAN 4 FEET.

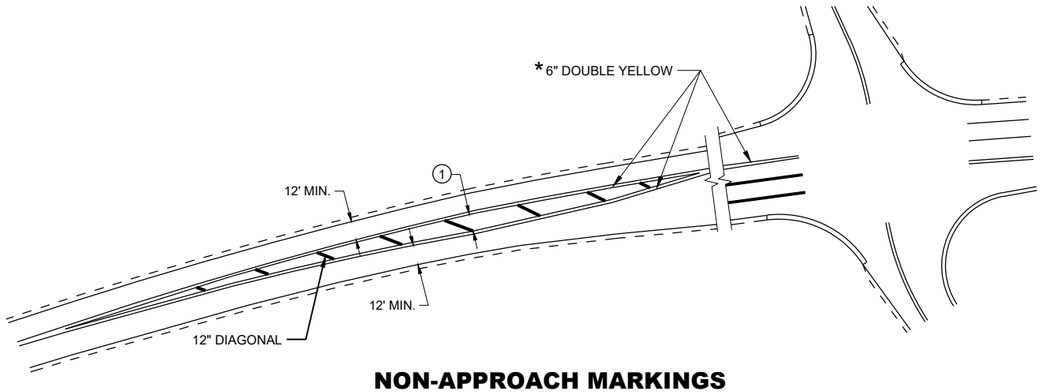
DIRECTION OF TRAVEL

* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES



APPROACH MARKINGS FOR OTHER MEDIAN TYPES

SPEED LIMIT	L
<35 MPH	5'
35> MPH	50'



NON-APPROACH MARKINGS

MEDIAN ISLAND PAVEMENT MARKINGS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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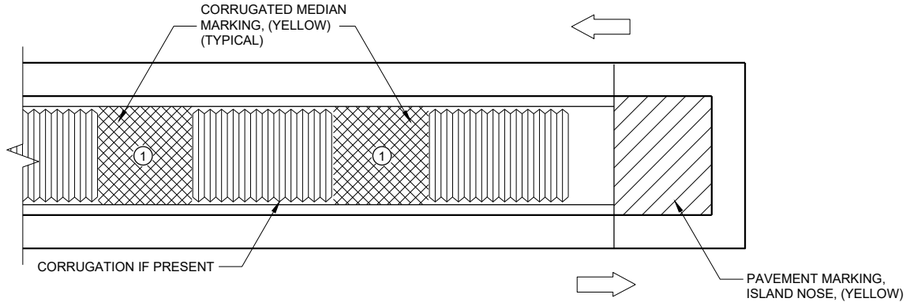
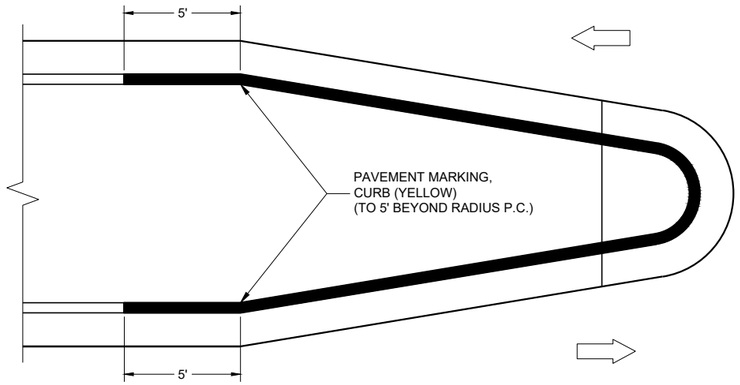
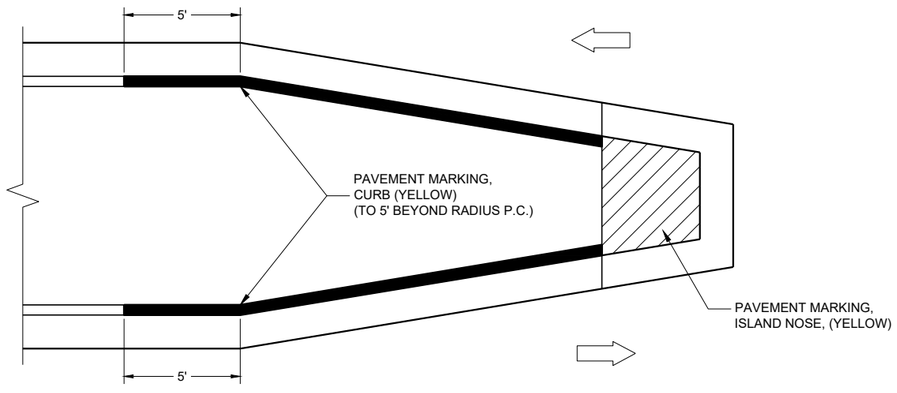


MEDIAN ISLAND WITH SQUARE BLUNT NOSE



MEDIAN ISLAND WITH ROUND BLUNT NOSE



MEDIAN ISLAND WITH SLOPED NOSE

TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.

(1) APPLY PAVEMENT MARKING TO THE FLAT PORTION OF CORRUGATED MEDIAN.

ISLAND NOSE MARKING

CURB MARKING

CORRUGATED MEDIAN MARKING

DIRECTION OF TRAVEL

PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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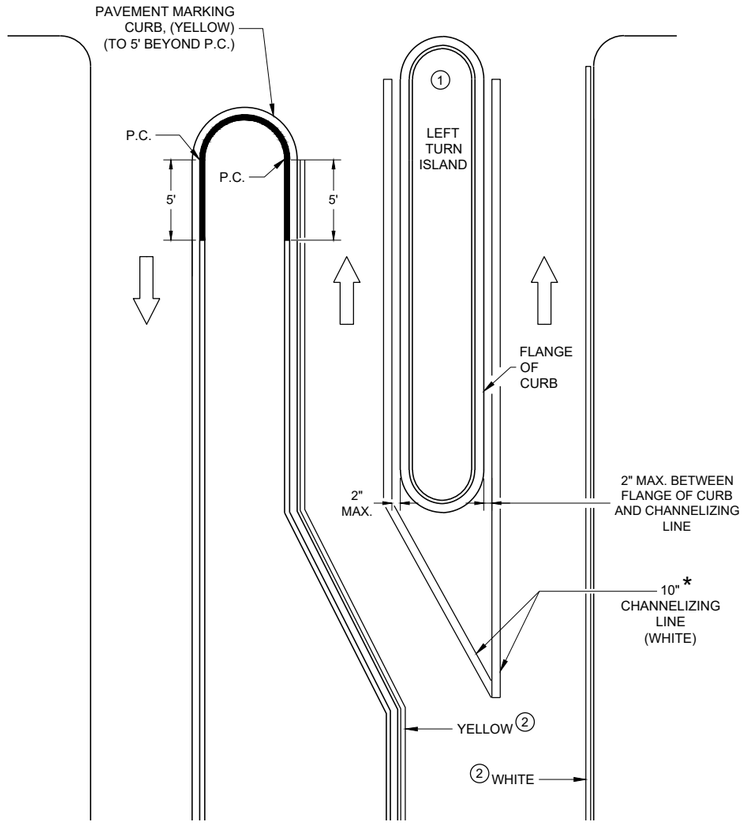
SDD 15C18-08b

REQUIREMENTS FOR EDGE LINES		
POSTED SPEED	IS THERE CONTINUOUS LIGHTING?	
	YES	NO
≤ 30 MPH	NO	OPTIONAL
35 OR 40 MPH	OPTIONAL	RECOMMENDED
≥ 45 MPH	RECOMMENDED	REQUIRED



* CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

LEFT TURN & MEDIAN ISLAND

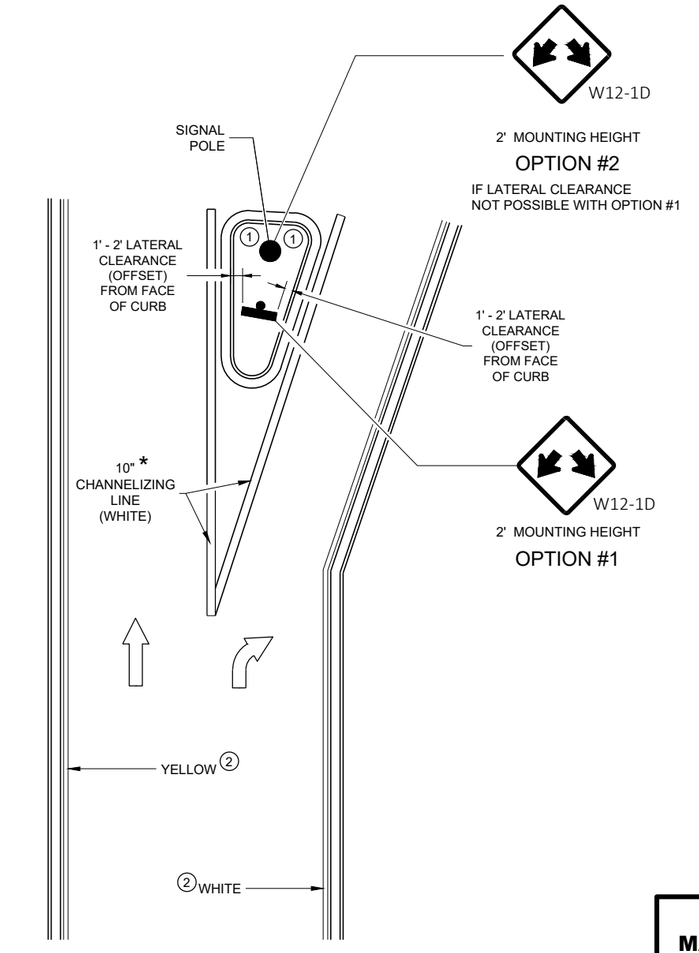
GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

1. MARK CURB NOSES YELLOW.
2. MARK ACCORDING TO TABLE.

DIRECTION OF TRAVEL



RIGHT TURN ISLAND

MEDIAN PAVEMENT MARKINGS, DOUBLE ARROW WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023 — DATE
/S/ Jeannie Silver — ROADWAY STANDARDS DEVELOPMENT UNIT SUPERVISOR

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SDD 15C18-08c

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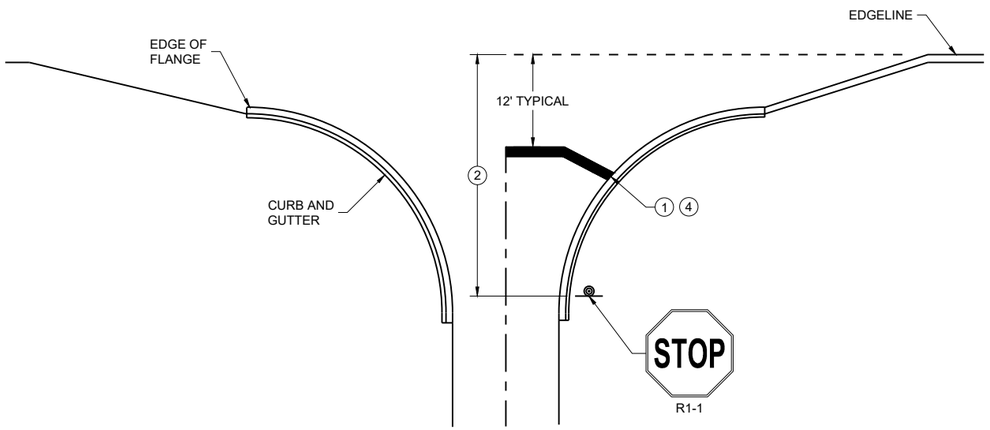
SDD 15C18-08c

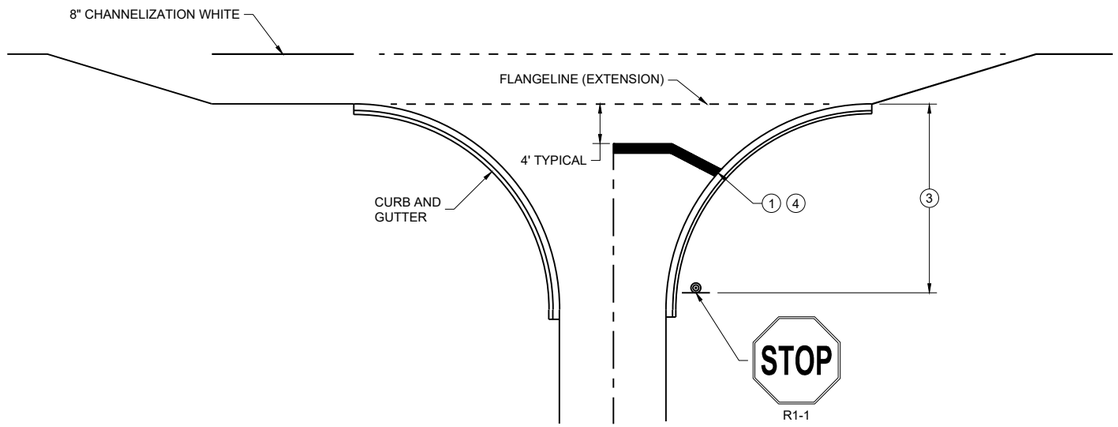
GENERAL NOTES

STOP SIGN SHALL BE PLACED A MINIMUM OF 6 FEET TO A MAXIMUM OF 50 FEET FROM THE EDGELINE LOCATION.

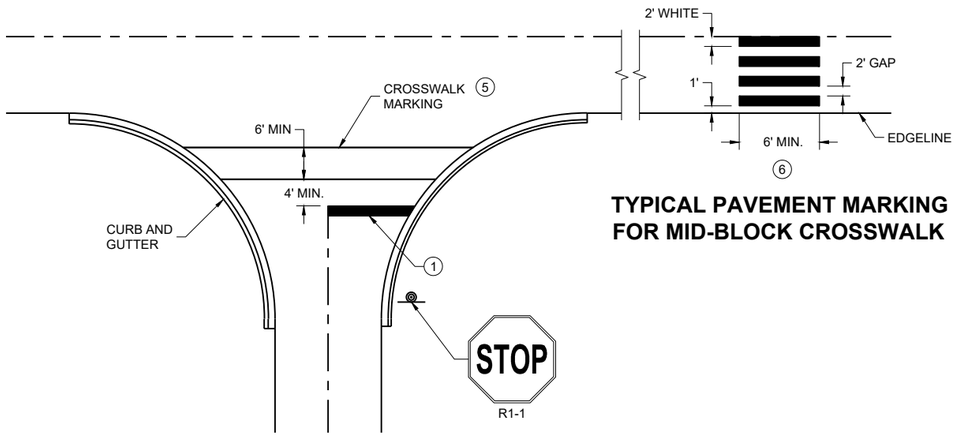
1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE REGION MARKING ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE.
3. NO STOP LINE IS REQUIRED IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGE LINE EXTENSION.
4. MOVE CLOSER TO THE EDGE OF TRAVEL LINE AS NEEDED FOR VISIBILITY AND SIGHT LINES (NO CLOSER THAN 4 FEET).
5. LADDER BAR CROSSWALKS SHOULD ONLY BE USED FOR MID BLOCK CROSSINGS. USE 2 - 6" TRANSVERSE LINES.
6. POSTED SPEED LIMITS OF 40 MPH OR GREATER USE A MINIMUM WIDTH OF 8' FOR MIDBLOCK CROSSWALKS



TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER

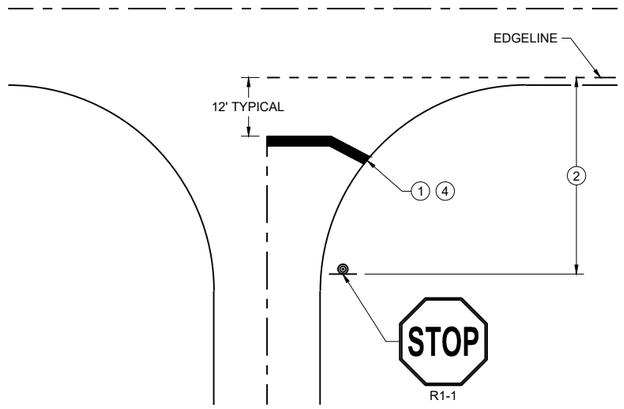


TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH RIGHT TURN LANE



TYPICAL PAVEMENT MARKING FOR MID-BLOCK CROSSWALK 5

TYPICAL STOP LINE PAVEMENT MARKING FOR SIDE ROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

March 2024 — DATE

/S/ Matthew Rauch — STATE SIGNING AND MARKING ENGINEER

FHWA

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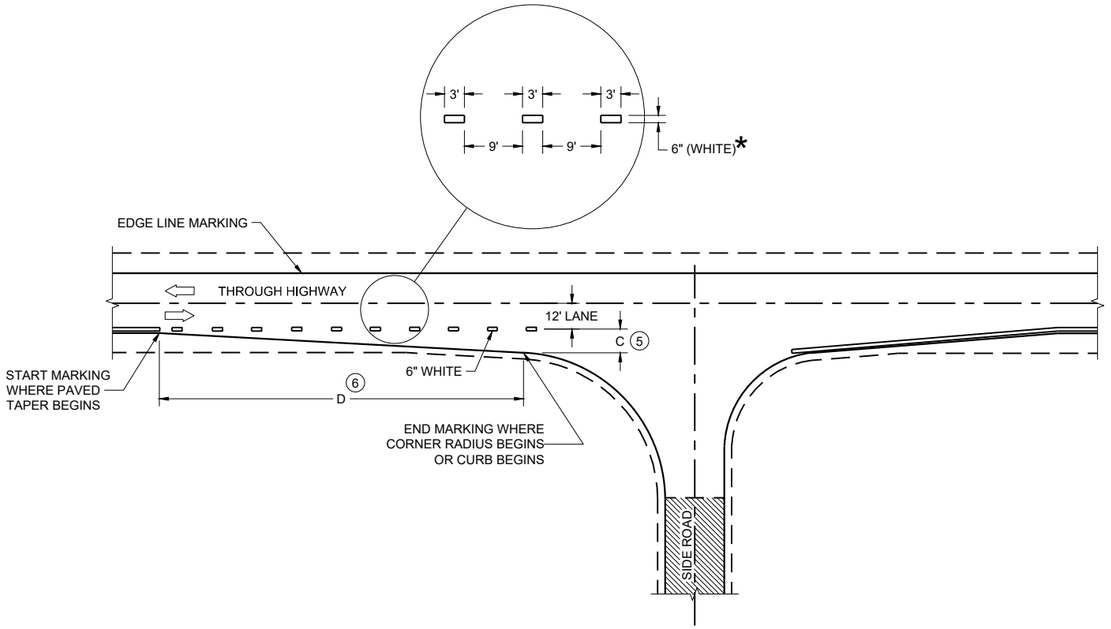


MINOR INTERSECTION

*CONFIRM MARKING LINE WIDTH WITH THE MISCELLANEOUS QUANTITIES

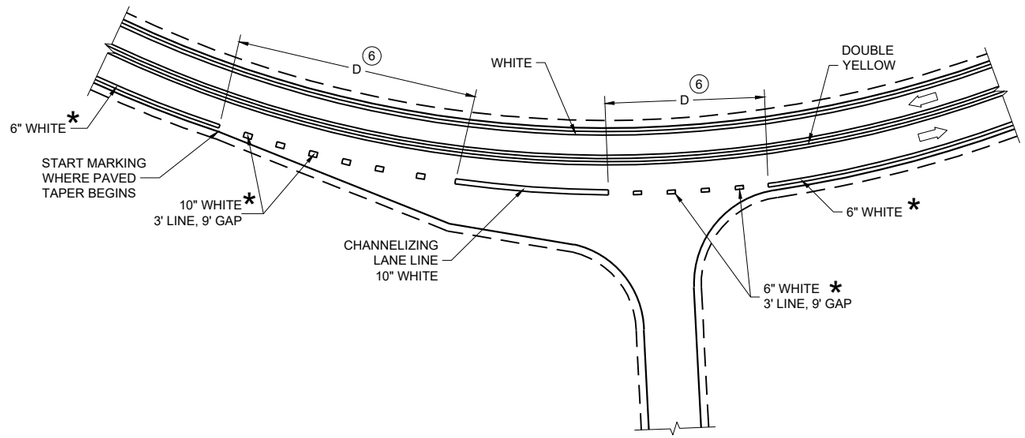
GENERAL NOTES

OMIT EDGE LINES THROUGH INTERSECTIONS. CONTINUE EDGE LINES THROUGH DRIVEWAYS.

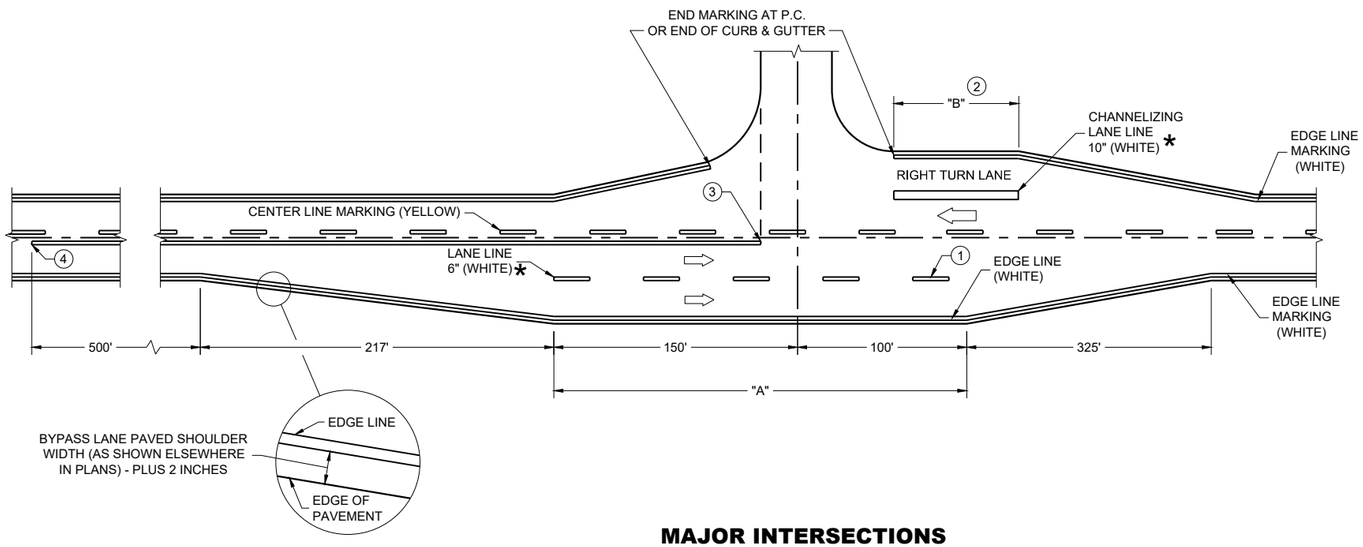
1. WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
2. WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
3. BARRIER LINE ENDS AT SIDE ROAD PAVEMENT / SURFACE EDGE EXTENSION.
4. BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.
5. WHEN DISTANCE "C" IS LESS THAN 4 FEET, OMIT DOTTED EXTENSION.
6. WHEN DISTANCE "D" IS LESS THAN 50 FEET, OMIT DOTTED EXTENSION.

LEGEND

DIRECTION OF TRAVEL



INTERSECTION ON OUTSIDE OF CURVE

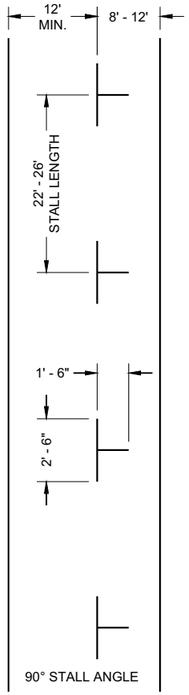


MAJOR INTERSECTIONS

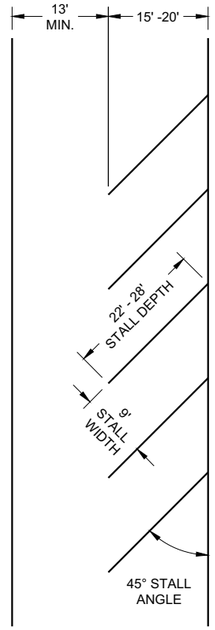
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANE)

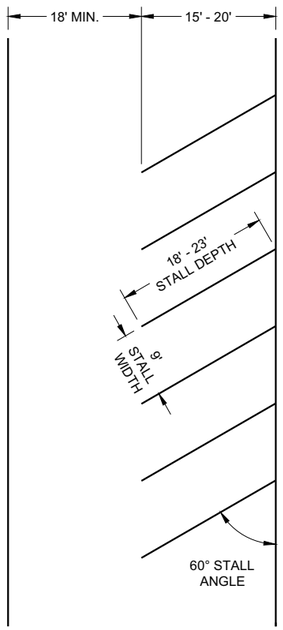
PAVEMENT MARKING (INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



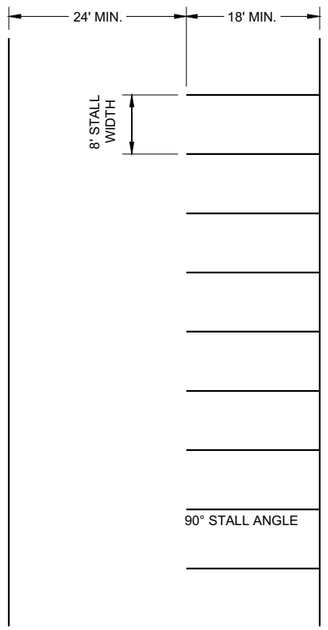
PARALLEL PARKING





ANGLED PARKING

(ANGLED PARKING IS NOT ALLOWED ON STATE HIGHWAYS UNLESS A DESIGN JUSTIFICATION HAS BEEN COMPLETED.)



PARKING LOTS

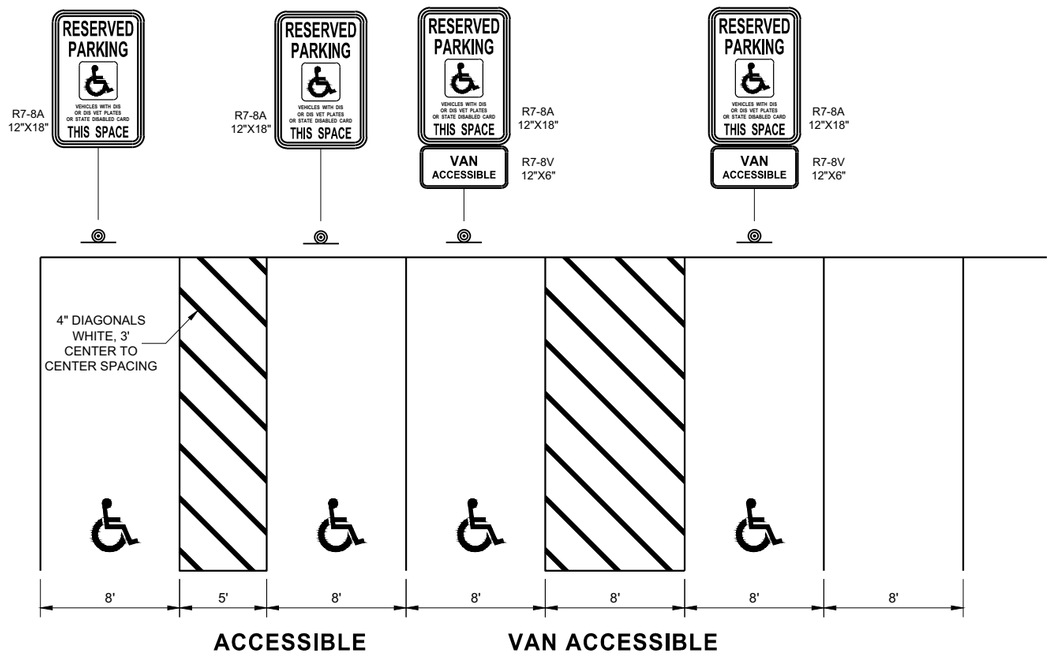
GENERAL NOTES

ALL LINES 4" WHITE (UNLESS OTHERWISE NOTED)

LAST PARKING STALL IS A MINIMUM OF 15' FROM THE CROSSWALK.

LEGEND

SIGN ON PERMANENT SUPPORT



ACCESSIBLE VAN ACCESSIBLE

PARKING STALL MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
August 2019 — DATE
/S/ Matthew Rauch — STATE SIGNING AND MAR ENGINEER

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SDD 15C36 - 01
SDD 15C36 - 01

GENERAL NOTES

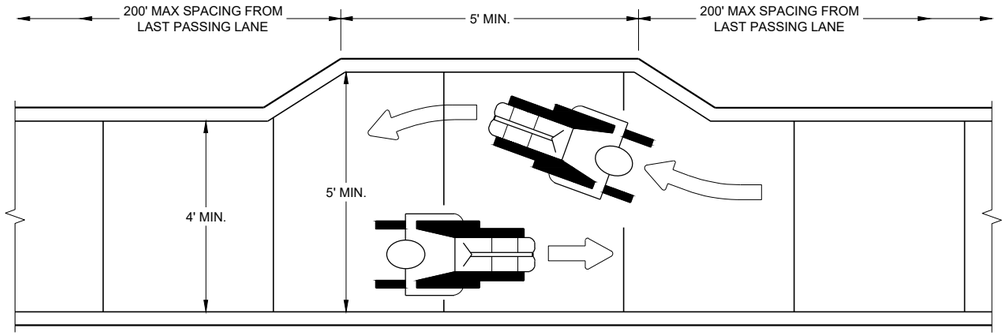
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

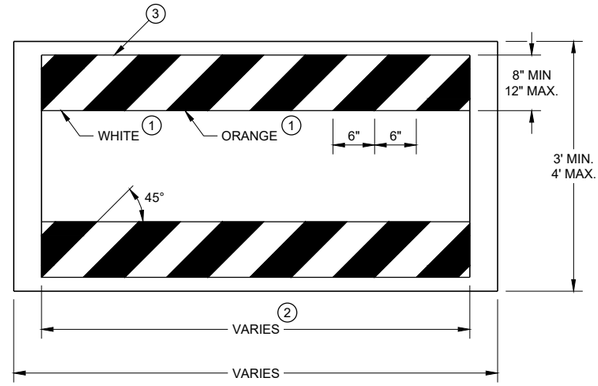
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

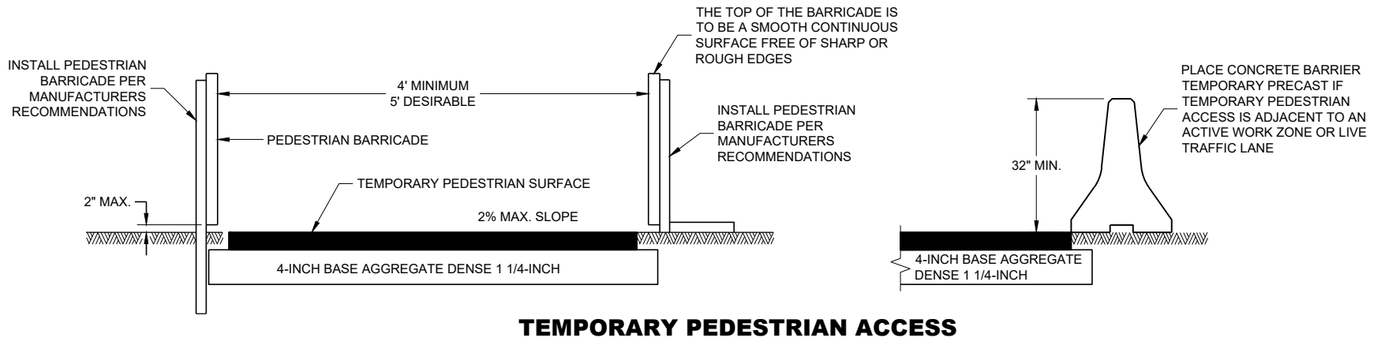
* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



NARROW SIDEWALK PASSING DETAIL



TEMPORARY PEDESTRIAN BARRICADE*

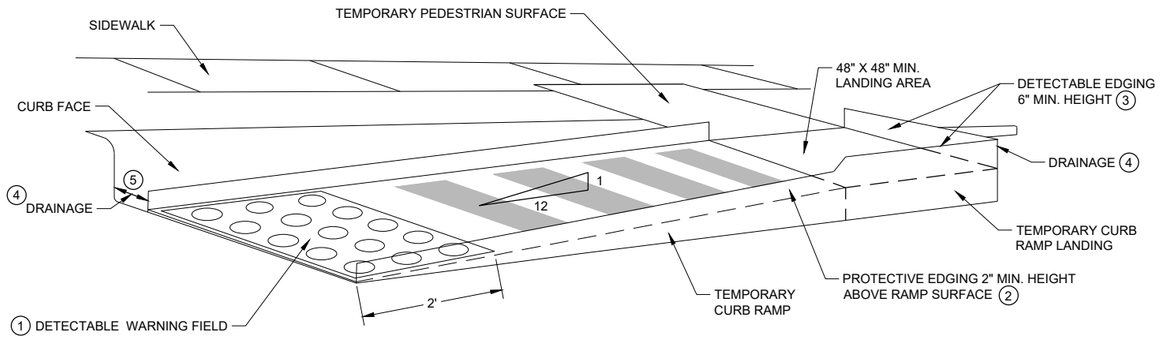


TEMPORARY PEDESTRIAN ACCESS

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6

SDD 15D30 - 09a



PERSPECTIVE VIEW

GENERAL NOTES

CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.
LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS.

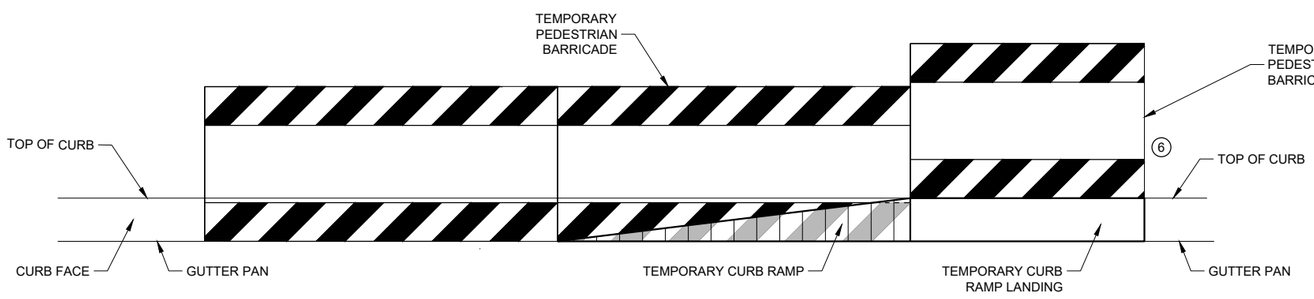
(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

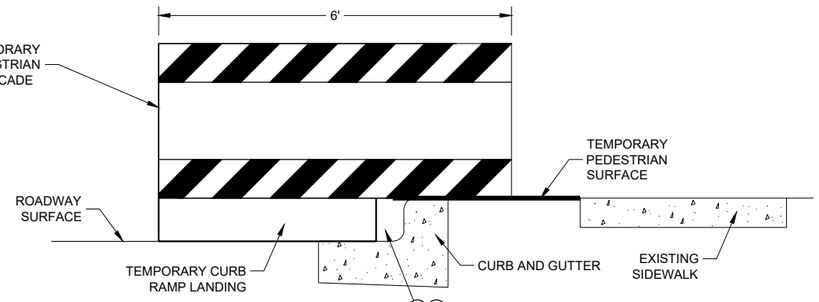
(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) ENSURE CURB RAMP IS OUT OF THE GUTTER PAN.

(6) IF ONLY PART OF THE END PANEL OF TEMPORARY PEDESTRIAN BARRICADE PANEL IS NEEDED, EXTEND EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL HERE.



FRONT VIEW



SIDE VIEW

TEMPORARY CURB RAMP PARALLEL TO CURB

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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SDD 15D30 - 09b

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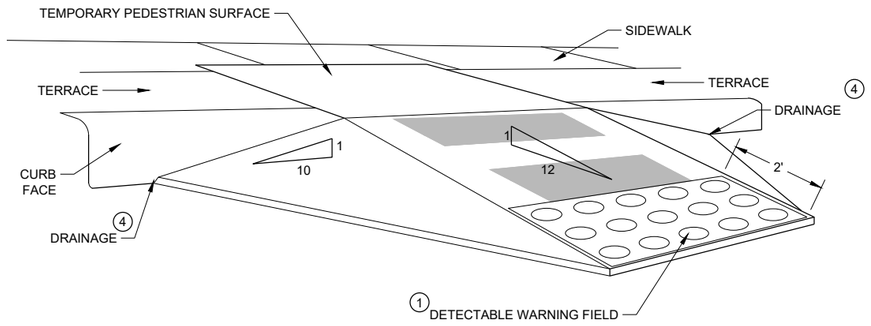
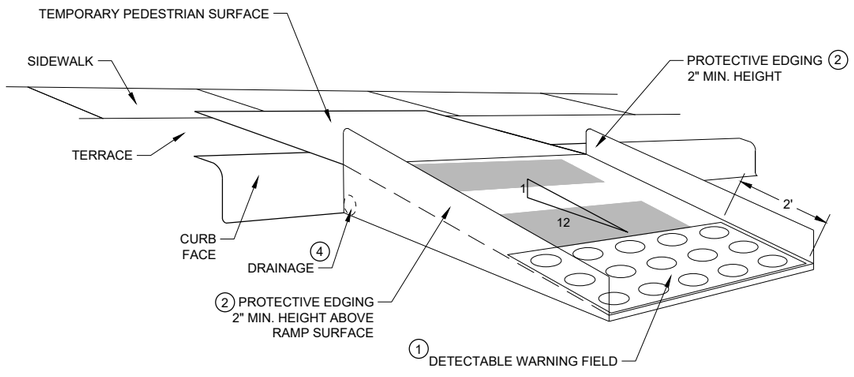
SDD 15D30 - 09b



WITH SIDE APRON (5)



WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

GENERAL NOTES

CURB RAMPS SHALL BE 48" MINIMUM WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

CLEAR SPACE OF 48" X 48" SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

(1) INSTALL CONTRASTING TEMPORARY DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS, AS SHOWN IN THE PLANS

(2) PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

(3) DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

(4) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(5) CAN ONLY BE USED FOR RAMPS WITH 6" OR LESS OF VERTICAL CHANGE.

GENERAL NOTES

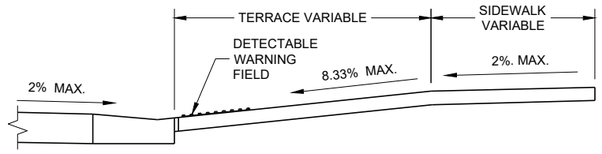
BARRICADE DEVICE SELECTED FROM APPROVED PRODUCT LIST

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

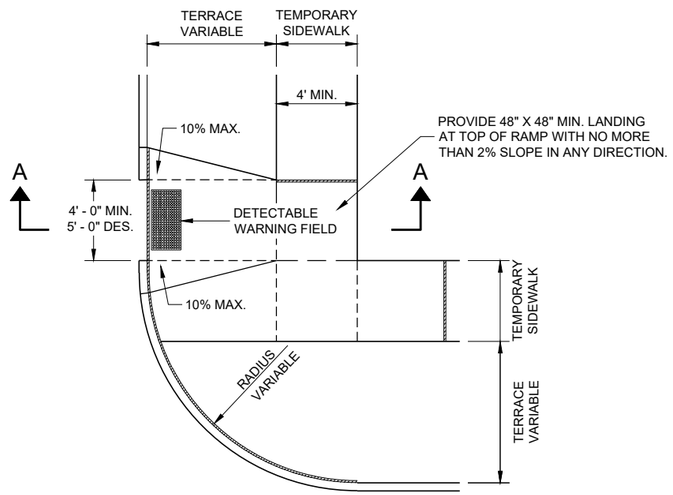
(2) SHEETING REQUIRED ON MORE THAN 50% OF BARRICADE WIDTH.

(3) PLACE SHEETING ON BOTH SIDES OF THE BARRICADE.

* USE THIS DETAIL FOR SHEETING PLACEMENT REFERENCE.



SECTION A - A



PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)

6

SDD 15D30-09d

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
May 2023
DATE

/S/ Andrew Heidtke
WORK ZONE ENGINEE

FHWA

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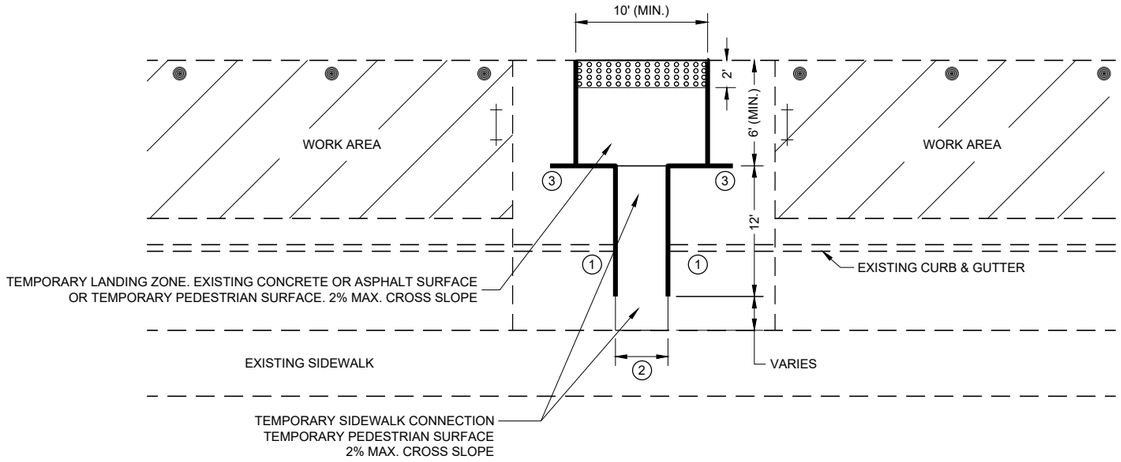
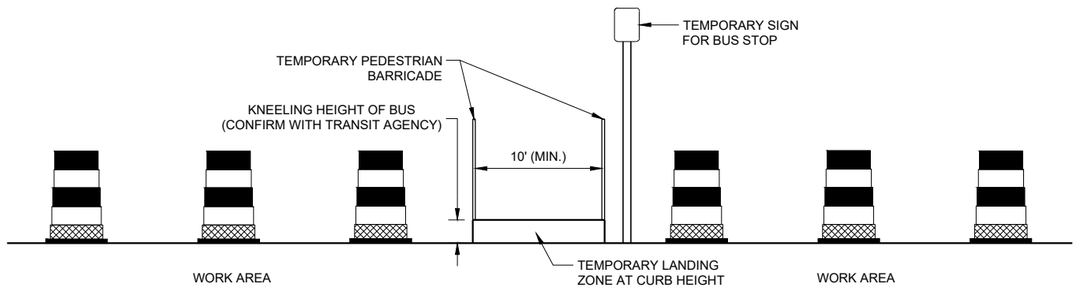
SDD 15D30-09d



PLAN VIEW



PROFILE VIEW

TEMPORARY BUS STOP PAD

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN ½" WIDTH.

CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES MAY BE VERTICAL UP TO ¼" HIGH AND SHALL BE BEVELED AT 1:2 BETWEEN ¼" AND ½".

CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

(1) DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

(2) 5' WIDE MIN. WITH TEMPORARY PEDESTRIAN BARRICADE, 10' WIDE MIN. WITHOUT TEMPORARY PEDESTRIAN BARRICADE.

(3) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE INTO THIS SPACE.

LEGEND

- TRAFFIC CONTROL DRUM
- TYPE III BARRICADE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY DETECTABLE WARNING FIELD
- WORK AREA

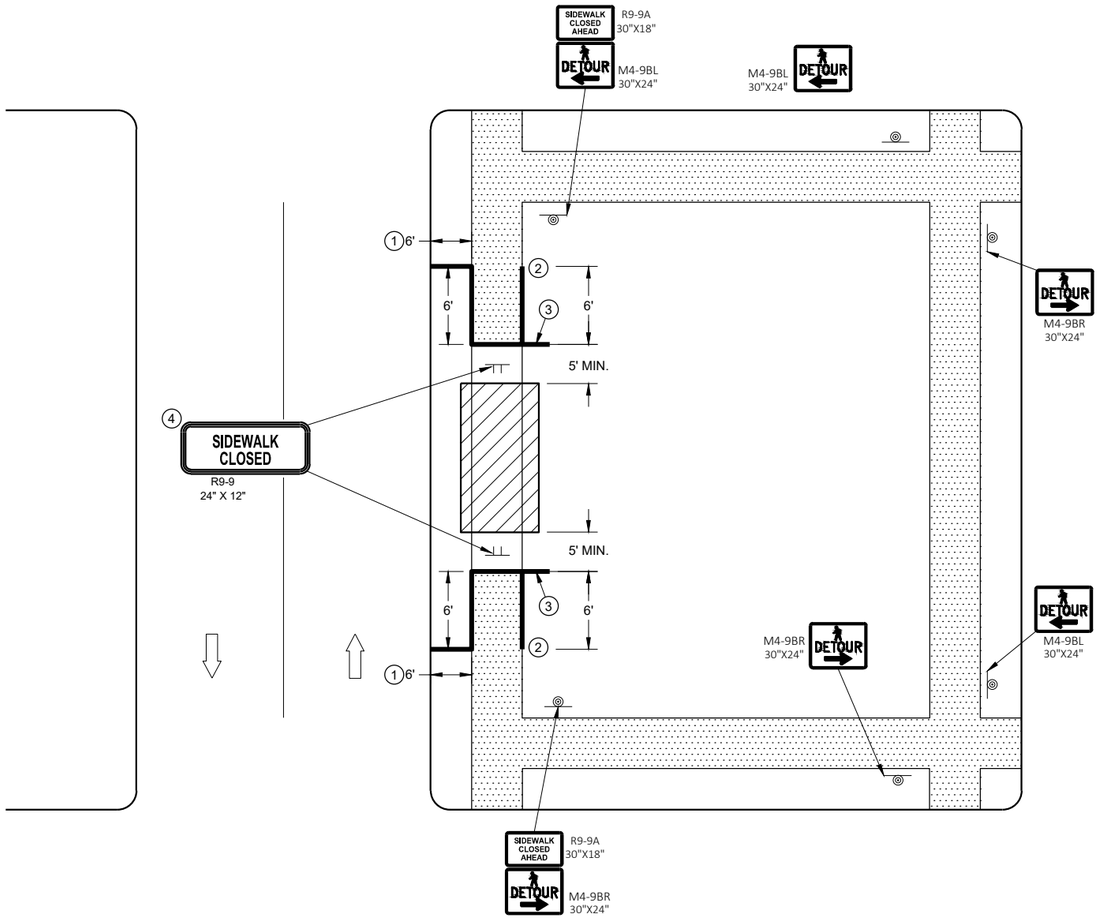
6

SDD 15D30 - 09e

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

LEGEND

- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ONLY ON ONE SIDE

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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

PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICTS WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

6

SDD 15D30 - 09f

LEGEND

- SIGN ON TEMPORARY SUPPORT
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY PEDESTRIAN SURFACE
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

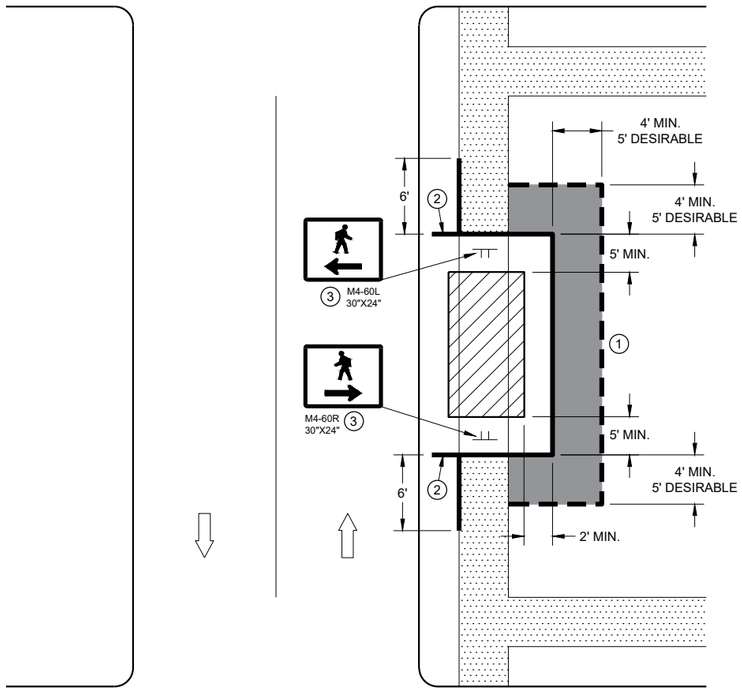
TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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

1. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
2. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
3. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.



SIDEWALK DIVERSION
SINGLE SIDE

6

SDD 15D30 - 09g

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD15D30 - 09g

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- UNDER PEDESTRIAN TRAFFIC
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

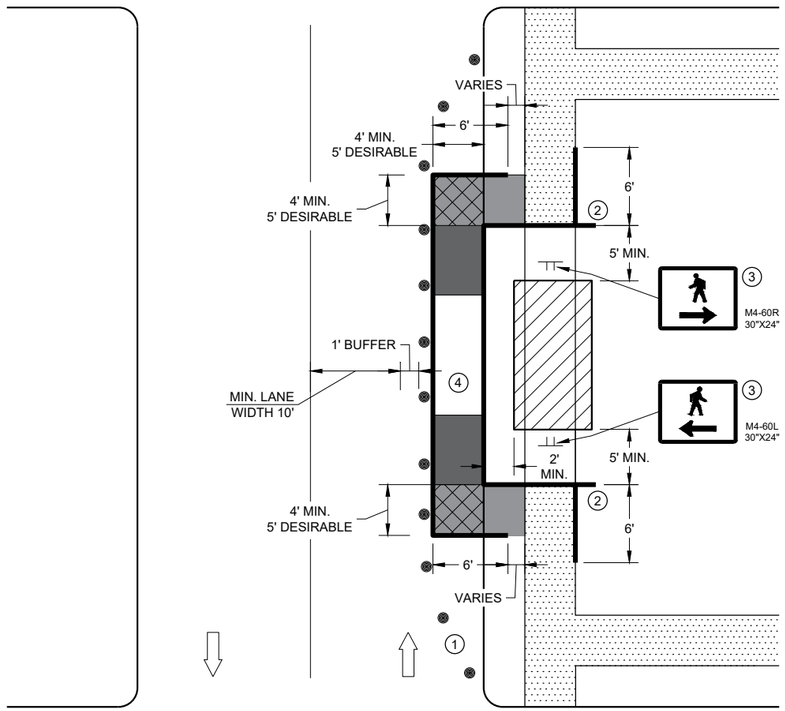
WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

(1) SHOULDER OR LANE CLOSURE ADVANCE WARNING AND BUFFER SPACE REQUIRED.

(2) PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL PAST THE SIDEWALK ON THE SIDE AWAY FROM THE ROAD.

(3) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

(4) USE EXISTING PAVEMENT SURFACE. IF EXISTING PAVEMENT SURACE HAS BEEN REMOVED, USE A TEMPORARY PEDESTRIAN SURFACE.



SIDEWALK DIVERSION, SINGLE SIDE

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

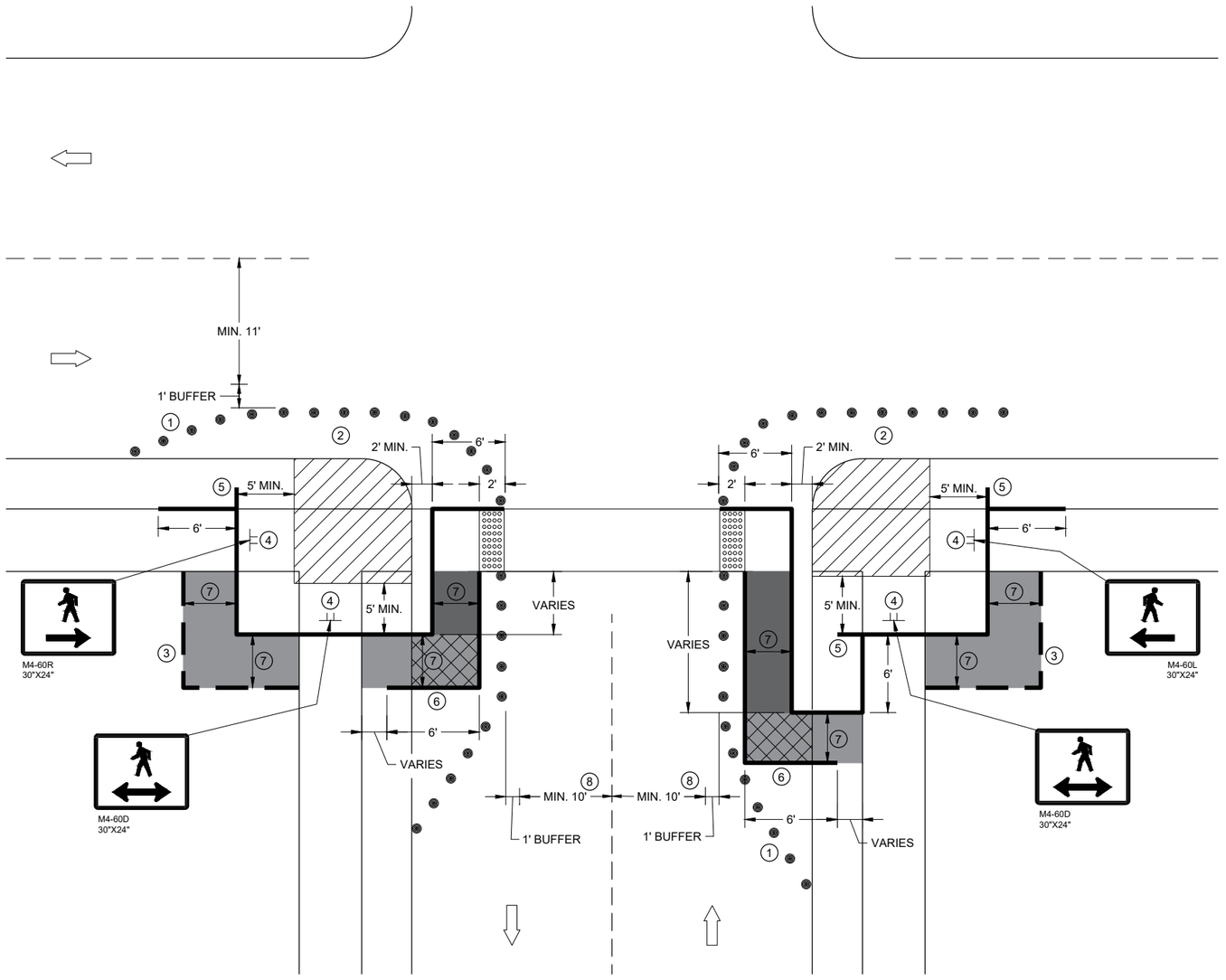
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

SDD 15D30 - 09h

6

SDD 15D30 - 09h



CURB RAMP PEDESTRIAN TRAFFIC CONTROL
SIDEWALK ON SINGLE SIDE

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
7. 4 FEET MINIMUM, 5 FEET DESIRABLE
8. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

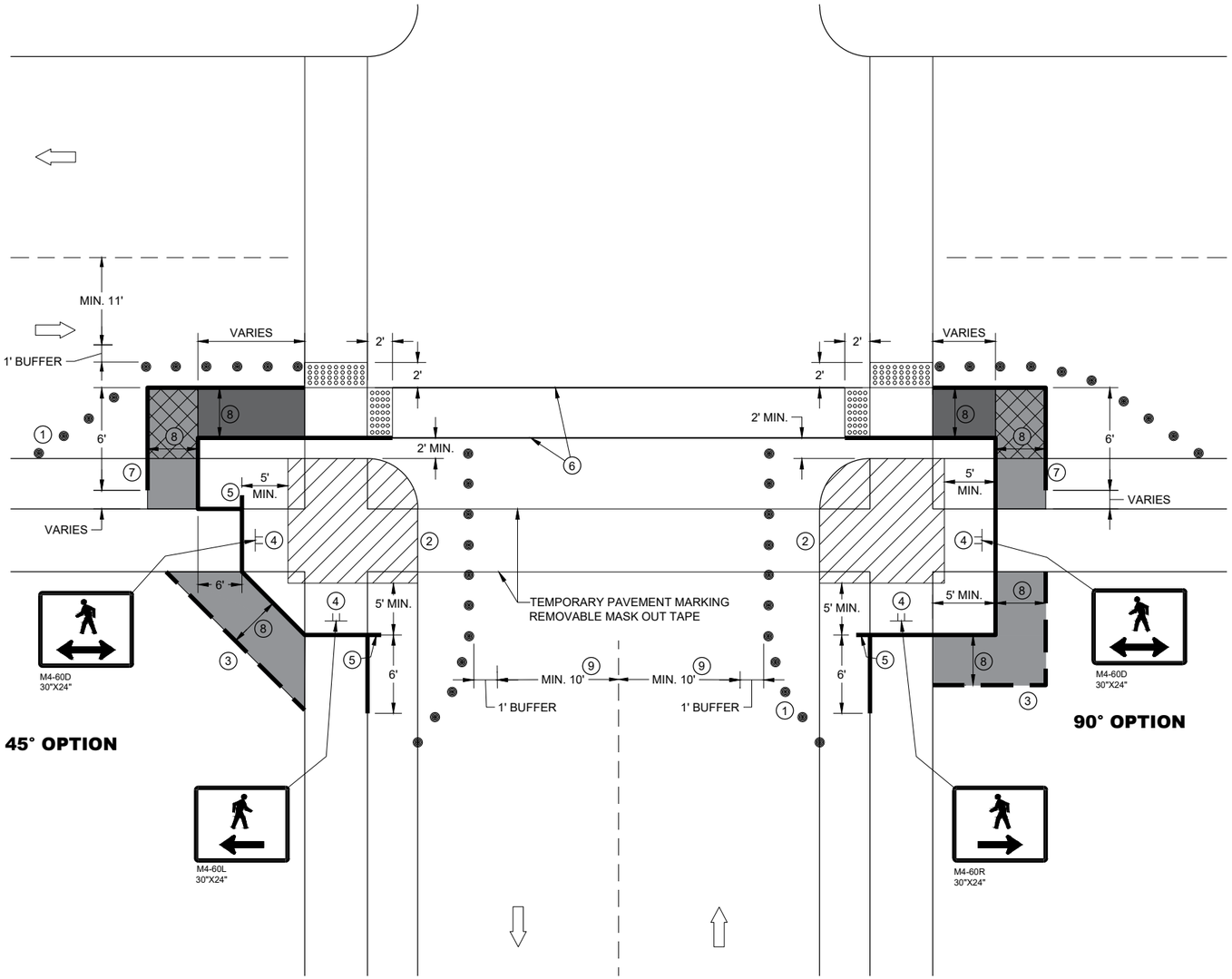
LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL,
PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09i

6



CURB RAMP PEDESTRIAN TRAFFIC CONTROL

GENERAL NOTES

IF PEDESTRIAN PUSH BUTTONS ARE PRESENT ON THE EXISTING FACILITY, ENSURE THEY ARE MAINTAINED/ACCESSIBLE FOR PEDESTRIAN USE THROUGHOUT THE TEMPORARY PEDESTRIAN ACCOMMODATIONS.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG

WHEN TEMPORARY PEDESTRIAN BARRICADE RUNS PARALLEL ALONG THE SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

1. SHOULDER OR LANE CLOSURE ADVANCE WARNING AND PROPER BUFFER SPACE REQUIRED.
2. PROVIDE ADEQUATE SPACE FOR CONTRACTOR OPERATIONS
3. USE TEMPORARY PEDESTRIAN BARRICADE TO SEPARATE PEDESTRIANS FROM DROP OFFS OR FOR ADDITIONAL PEDESTRIAN CHANNELIZATION.
4. MOUNTING HEIGHT OF 5 FEET FROM SIDEWALK SURFACE TO BOTTOM OF SIGN.
5. PLACE EXCESS PORTION OF TEMPORARY PEDESTRIAN BARRICADE PANEL IN THE SIDEWALK TERRACE.
6. WHITE 6" TEMPORARY PAVEMENT MARKING
7. IF TEMPORARY PEDESTRIAN BARRICADE DOES NOT REACH THE FACE OF THE CURB, USE AN ADDITIONAL PANEL AND EXTEND INTO THE TERRACE.
8. 4 FEET MINIMUM, 5 FEET DESIRABLE
9. IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, CURB RAMPS MAY NEED TO BE CONSTRUCTED AT SEPARATE TIMES.

LEGEND

- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL DRUM
- WORK AREA
- TEMPORARY CURB RAMP
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN BARRICADE
- OPTIONAL TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

SDD 15D30 - 09j

6

LEGEND

SIGN ON PERMANENT SUPPORT

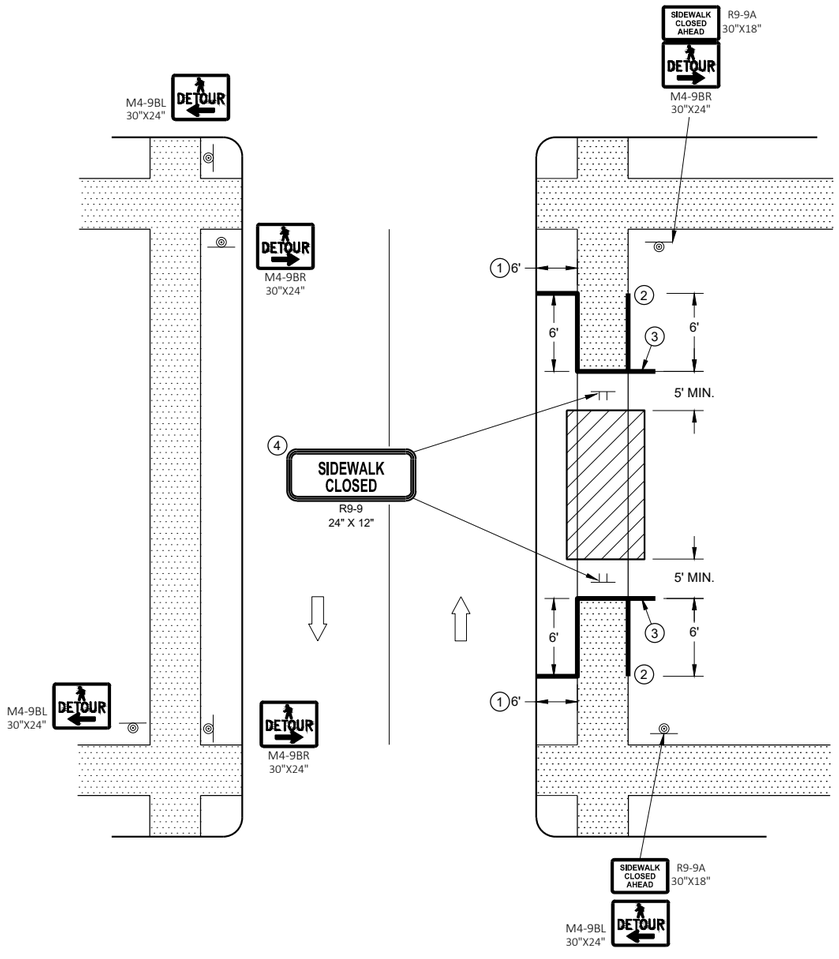
SIGN ON TEMPORARY SUPPORT

UNDER PEDESTRIAN TRAFFIC

WORK AREA

TEMPORARY PEDESTRIAN BARRICADE

DIRECTION OF TRAFFIC



SIDEWALK DETOUR, SIDEWALK ON BOTH SIDES

GENERAL NOTES

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

WHERE TEMPORARY BARRICADE RUNS PARALLEL ALONG SIDEWALK, PLACE THE FACE OF THE BARRICADE AT THE EDGE OF THE SIDEWALK.

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

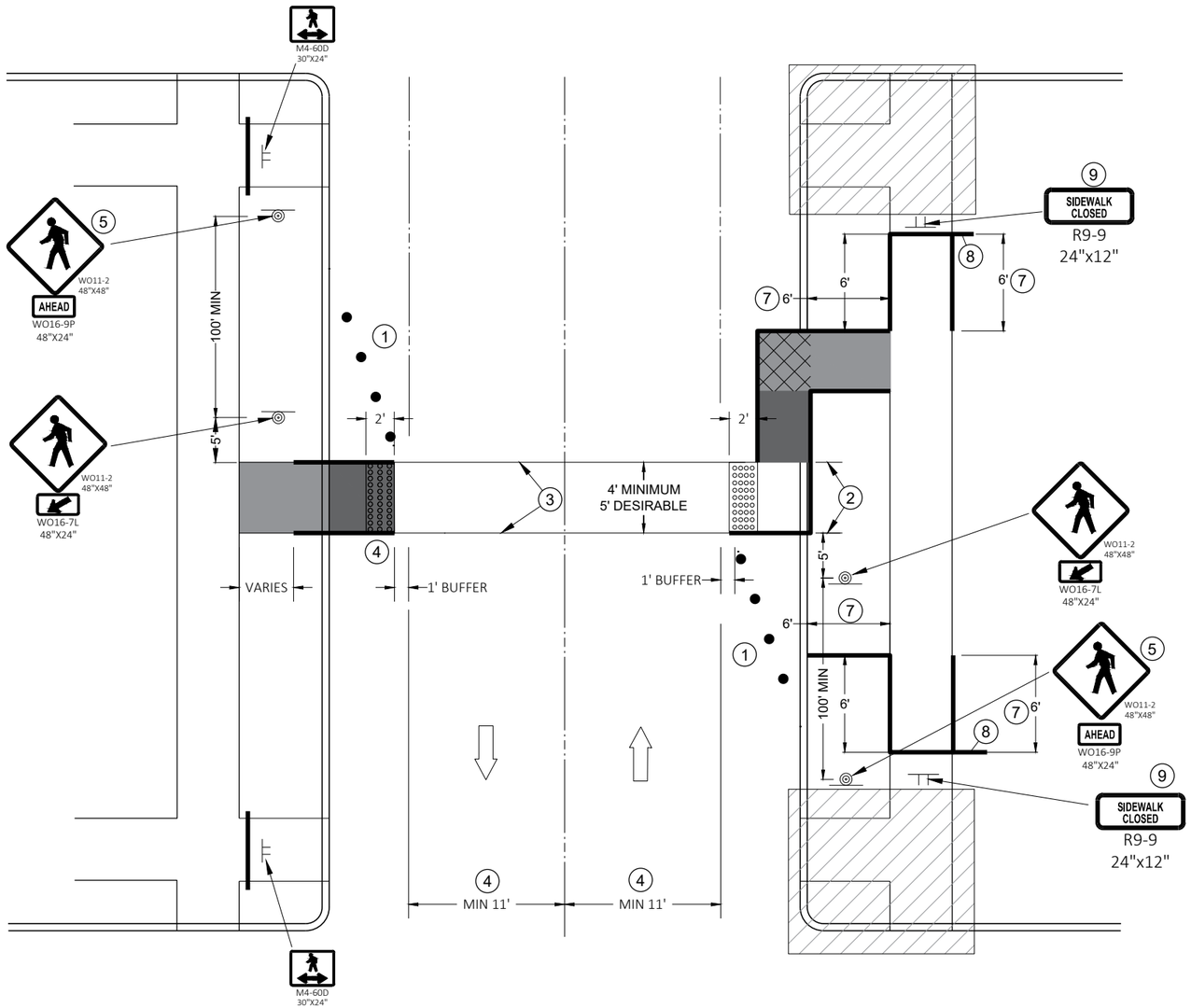
PLACE TEMPORARY PEDESTRIAN BARRICADE TO FIT FIELD CONDITIONS, AVOIDING CONFLICT WITH DRIVEWAYS AND OTHER EXISTING FEATURES.

1. IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.
2. PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.
3. IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.
4. MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF SIGN.

6

SDD 15D30 - 09k

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



TEMPORARY PEDESTRIAN CROSSING

GENERAL NOTES

TYPICAL TEMPORARY PEDESTRIAN BARRICADE PANEL IS 6 FEET LONG.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISCONSIN STANDARD SIGN PLATES.

SEE OTHER PEDESTRIAN ACCOMMODATION DETAILS FOR SIGNING AND DEVICES FOR DIFFERENT PEDESTRIAN FACILITIES CLOSURES.

(1) SHOULDER OR LANE CLOSURE ADVANCED WARNING AND PROPER BUFFER SPACE REQUIRED.

(2) 4 FEET MINIMUM, 5 FEET DESIRABLE.

(3) WHITE 6" TEMPORARY PAVEMENT MARKING.

(4) IF MINIMUM LANE WIDTHS CAN'T BE ATTAINED, PERPENDICULAR CURB RAMPS MAY NEED TO BE UTILIZED.

(5) IF MINIMUM 100' SPACING FROM THE MID-BLOCK CROSSING CANNOT BE ATTAINED BEFORE THE INTERSECTION, REMOVE THIS SIGN ASSEMBLY.

(6) IF TERRACE IS LESS THAN 6 FEET WIDE, OMIT TEMPORARY PEDESTRIAN BARRICADE FROM THE SIDEWALK TO THE CURB.

(7) PLACE BARRICADE CLOSURE SO THAT THE TEMPORARY PEDESTRIAN BARRICADE END IS AT THE LAST OPEN SIDEWALK ACCESS TO RESIDENCES OR BUSINESSES BEFORE THE SIDEWALK CLOSURE.

(8) IF TEMPORARY PEDESTRIAN BARRICADE PANEL IS WIDER THAN THE SIDEWALK WIDTH, THE PORTION OF THE EXCESS PANEL SHOULD EXTEND INTO THE TERRACE.

(9) MOUNTING HEIGHT OF 5 FEET FROM THE SURFACE TO THE BOTTOM OF THE SIGN.

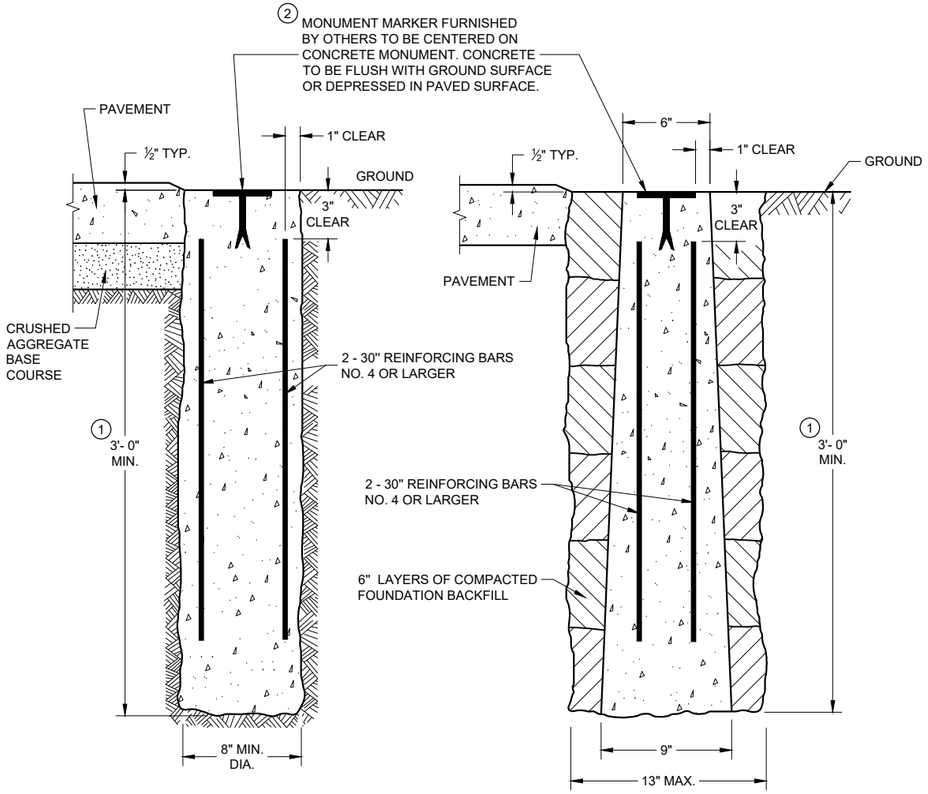
LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON TEMPORARY SUPPORT
- TEMPORARY CURB RAMP
- TEMPORARY DETECTABLE WARNING FIELD
- TEMPORARY PEDESTRIAN SURFACE "A"
- TEMPORARY PEDESTRIAN SURFACE "B"
- WORK AREA
- TEMPORARY PEDESTRIAN BARRICADE
- DIRECTION OF TRAFFIC

6

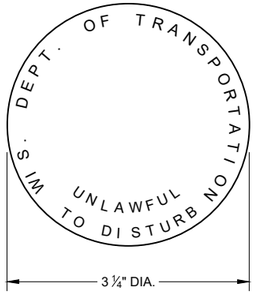
SDD 15D30 - 09L

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



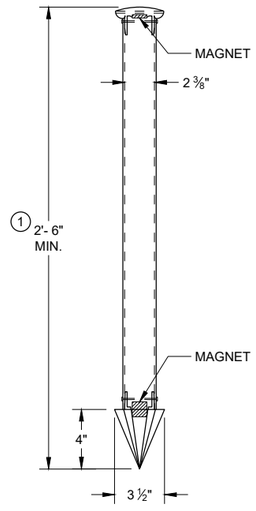
CAST-IN-PLACE **PRECAST**

CONCRETE MONUMENTS
TYPE A

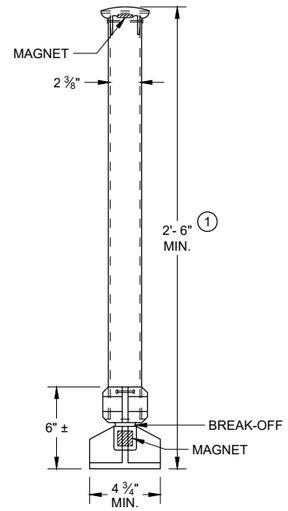


② **WIS DOT MONUMENT MARKER LOGO**

FOR TYPES "A", "C" & "D"

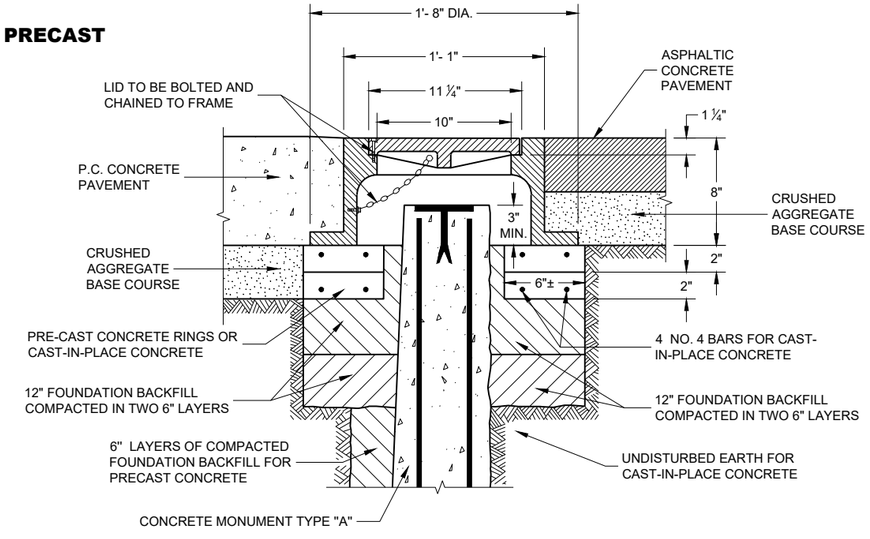


TYPE C
DRIVEN MONUMENT



TYPE D
NON-DRIVEN
BREAK-OFF MONUMENT

ALUMINUM MONUMENTS
(INCLUDES MARKER)



CAST IRON MONUMENT COVER
(APPROXIMATE WEIGHT 95 LBS)

GENERAL NOTES

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

DETAILED DRAWINGS OF PROPOSED ALTERNATE DESIGNS FOR METAL MONUMENTS OR MONUMENT COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

PERMANENT MAGNETS SHALL BE INSERTED NEAR THE TOP AND BOTTOM OF ALL ALUMINUM MONUMENTS SO THE MONUMENT CAN EASILY BE DETECTED BY A METAL DETECTOR.

THE CAST IRON MONUMENT COVER SHALL BE A "NON-ROCKING" TYPE. ADJUSTMENT OF THE COVER TO GRADE MAY BE ACCOMPLISHED BY THE USE OF MORTAR AND BRICK, OR BY EITHER PRECAST OR CAST-IN-PLACE REINFORCED CONCRETE GRADE RINGS.

MONUMENTS SHALL BE LOCATED AND PLACED AT THE DIRECTION OF THE ENGINEER.

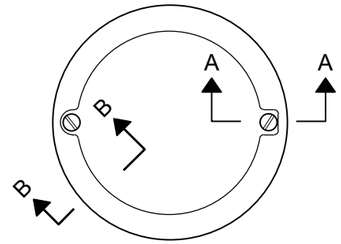
ALUMINUM MONUMENTS AND MONUMENT COVERS SHALL BE MADE FROM AN ALUMINUM AND MAGNESIUM ALLOY AS DETERMINED BY THE MANUFACTURER.

THE MONUMENT COVERS DETAILED ON THIS DRAWING ARE NOT EQUAL ALTERNATES. MONUMENT COVERS SHALL BE CAST IRON UNLESS ALUMINUM IS SPECIFIED ELSEWHERE IN THE CONTRACT.

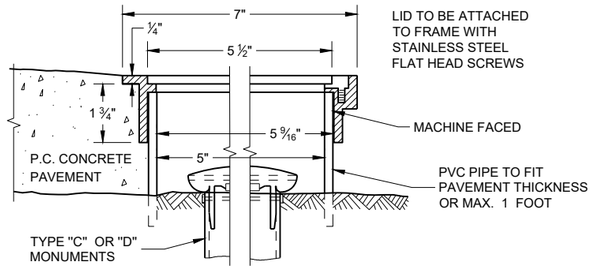
MONUMENT SHALL BE CAST-IN-PLACE CONCRETE UNLESS PRECAST CONCRETE OR ALUMINUM MONUMENTS ARE SPECIFIED IN THE CONTRACT OR PERMITTED BY THE ENGINEER.

① MINIMUM LENGTH SHALL BE 4'-0" FOR MONUMENTS INSTALLED IN PAVED AREAS.

② AN OFFICIAL COUNTY MONUMENT MARKER SUPPLIED BY A COUNTY MAY BE REQUIRED FOR SOME SECTION CORNERS AND WITNESS MONUMENTS INSTEAD OF THIS WISDOT MARKER.



TOP VIEW



SECTION B-B **SECTION A-A**

ALUMINUM MONUMENT COVER
(APPROXIMATE WEIGHT 2 LBS)
(FOR CONCRETE PAVEMENT ONLY)

LANDMARK REFERENCE MONUMENTS AND COVERS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
March 2018
DATE

/S/ Raymond A. Kumapayii
CHIEF SURVEYING AND MA
ENGINEER

FHWA

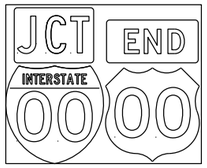
6

SDD 16A01 - 07

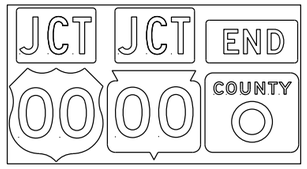
SDD 16A01 - 07

TYPICAL ASSEMBLIES

J1-1



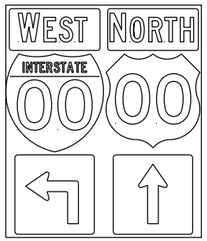
J1-2



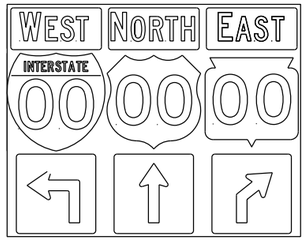
J1-3

JR1-1

J2-1

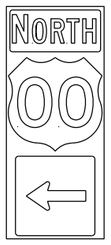


J2-2

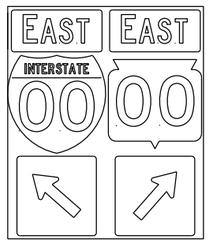


J2-3

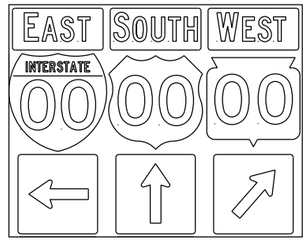
JV
(Typical Vertical J-Assembly
See Note 10 and 11)



J3-1

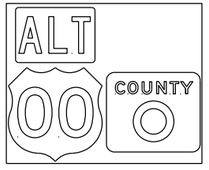


J3-2

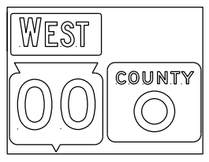


J3-3

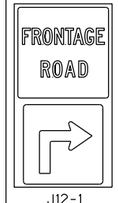
J4-1



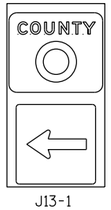
J4-2



J4-2



J12-1

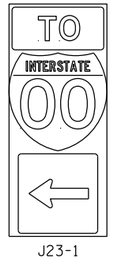


J13-1

J32-1

J33-1

J22-1

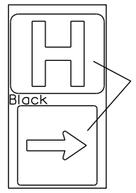


J23-1

JR13-1

JR23-1

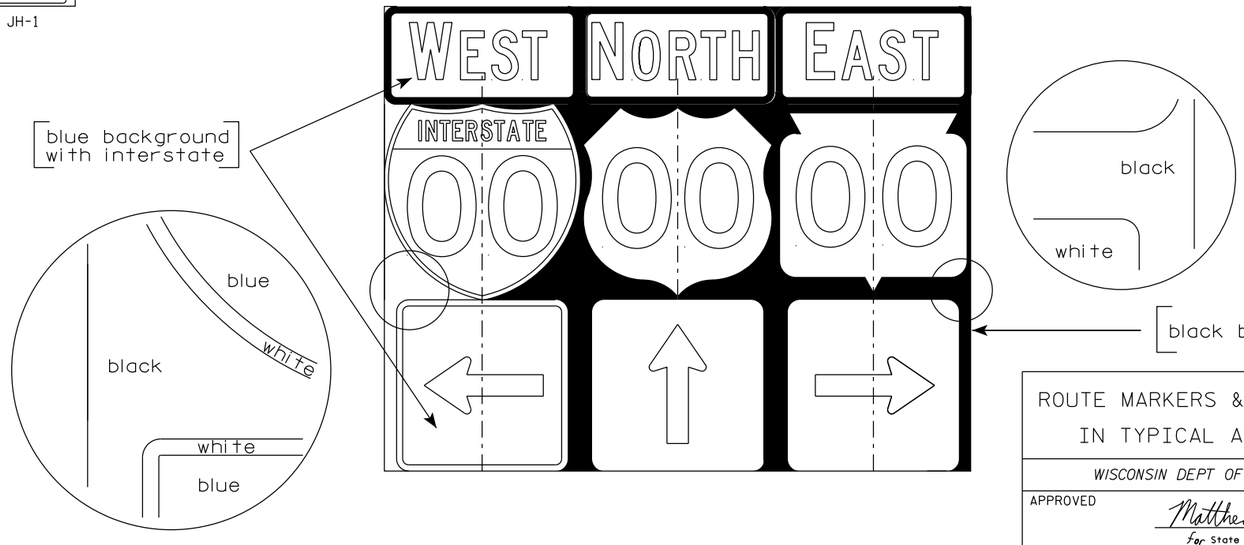
JR99-1



JH-1

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 inchs (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.



ROUTE MARKERS & COMPONENTS IN TYPICAL ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

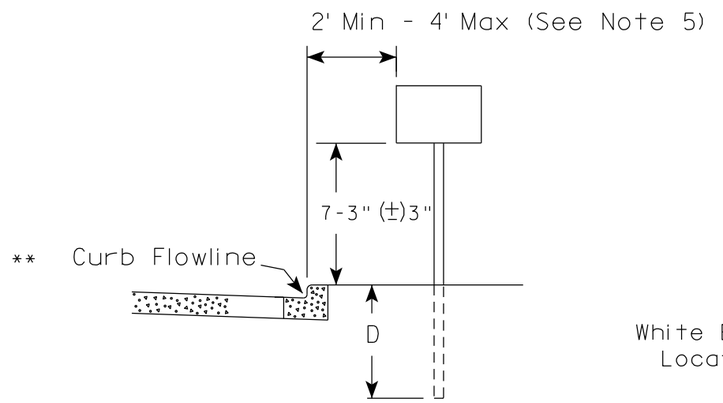
APPROVED Matthew R Rauch
for State Traffic Engineer

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

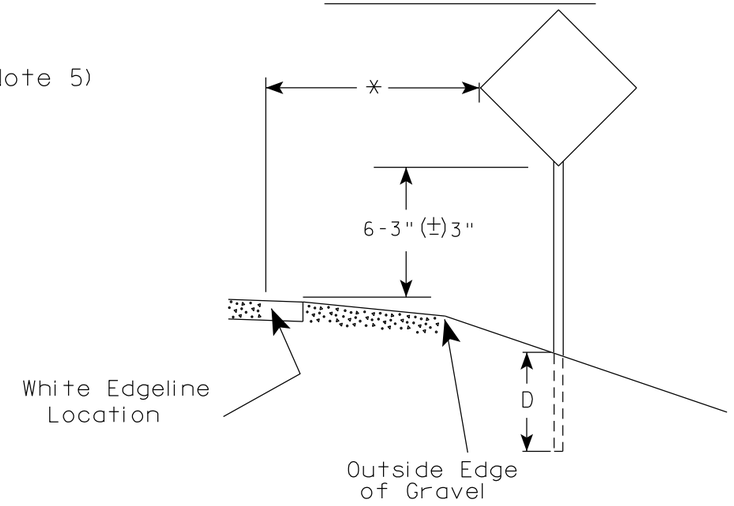
PROJECT NO:

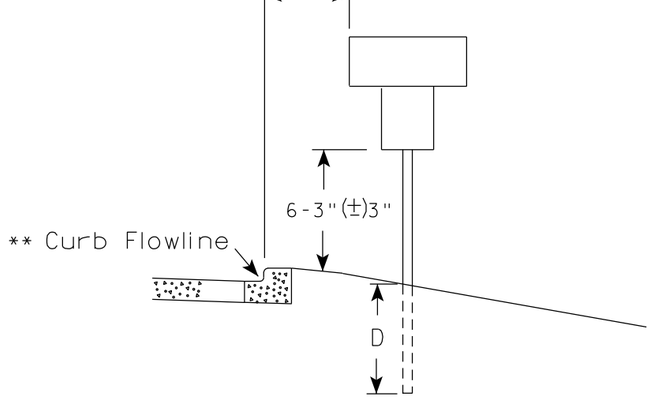
SHEET NO: 356 E

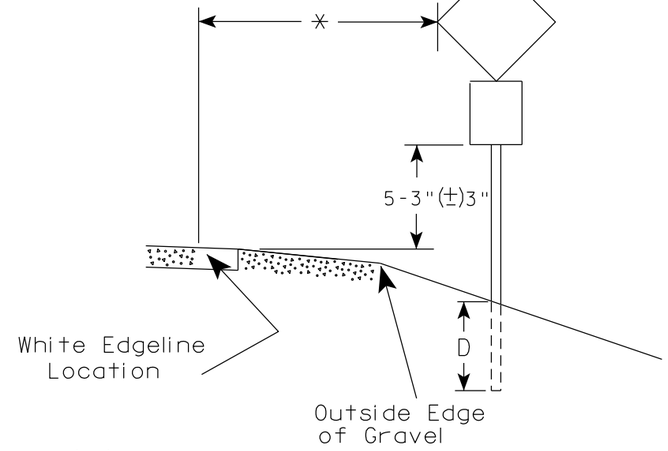
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.
   The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (±) 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".
3. For expressways and freeways, mounting height is 7'- 3" (±) 3" or 6'-3" (±) 3" depending upon existence of a sub-sign.
4. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±) 3".
5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
6. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directd by the Engineer.

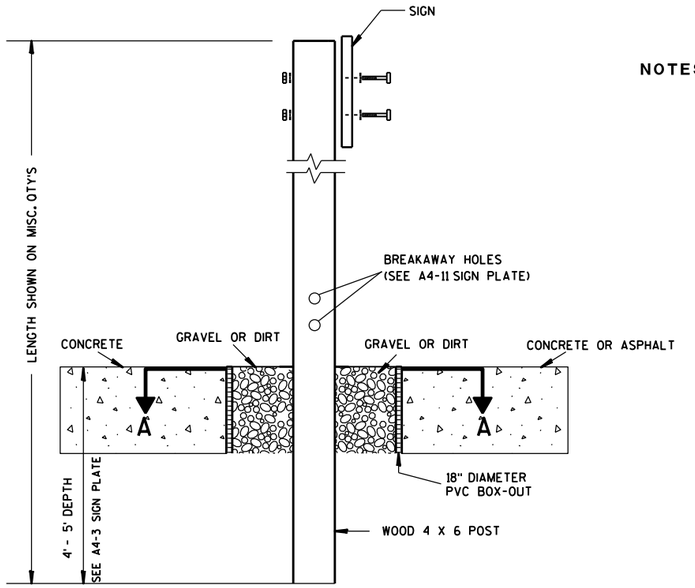
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-3.23

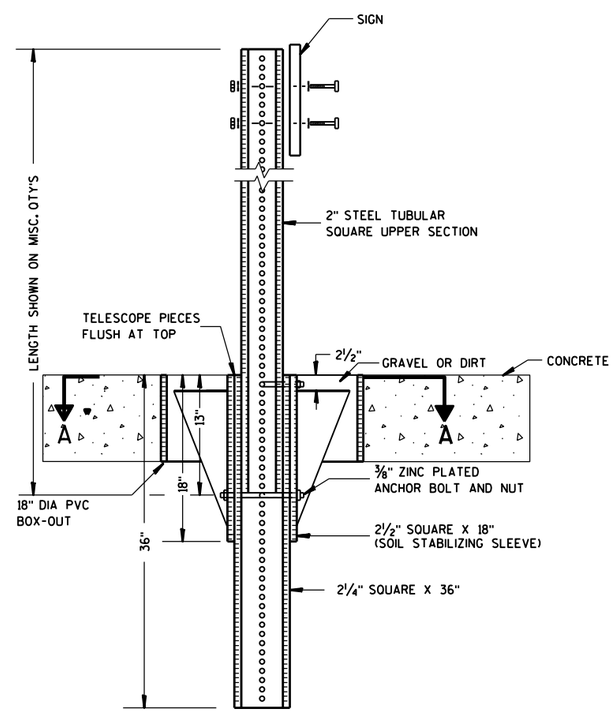
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 357	E



ELEVATION VIEW

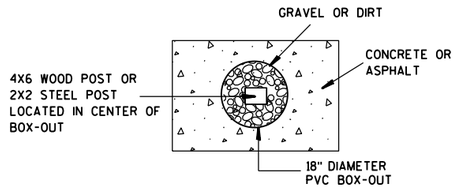
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

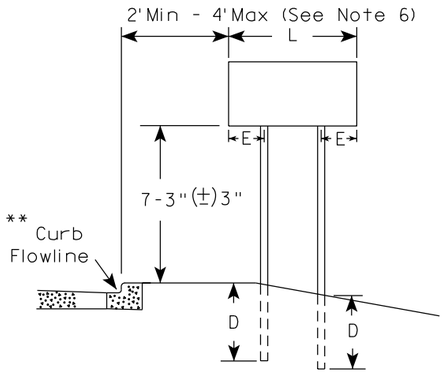
APPROVED Matthew R Rauch
for State Traffic Engineer

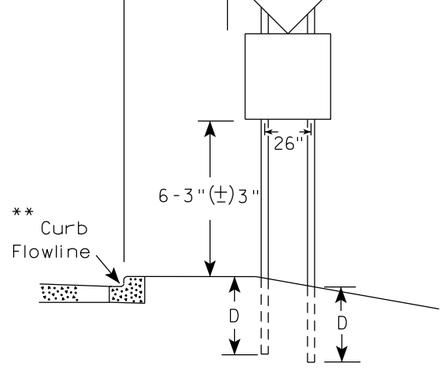
DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN PLOT DATE : 27-JAN-2014 09:48 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000 WISDOT/CADDS SHEET 42

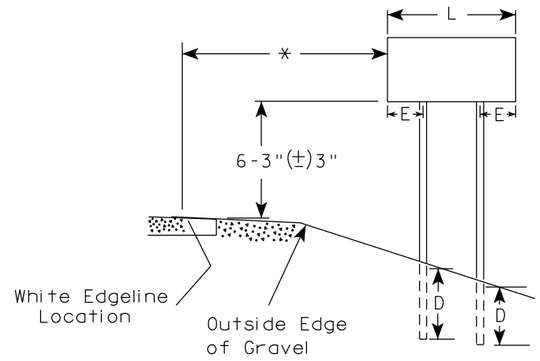
URBAN AREA

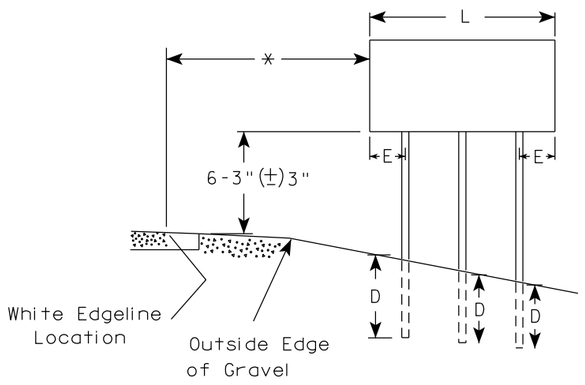


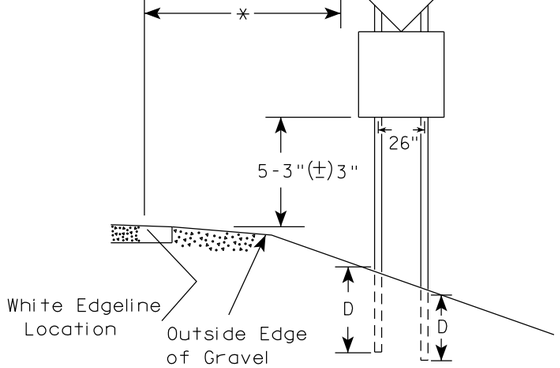


48" DIAMOND WARNING SIGN

RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)		
	L	E
***	Greater than 48" Less than 60"	12"
	60" to 108"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 108" to 144"	12"

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) 3" or 6'-3" (±) 3" depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. J-Assemblies are considered to be one sign for mounting height.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) 3" or as directed by the engineer.
8. 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.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

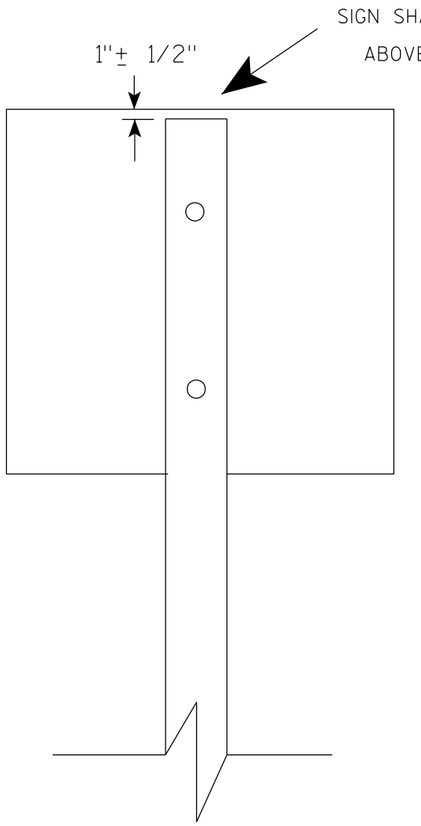
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

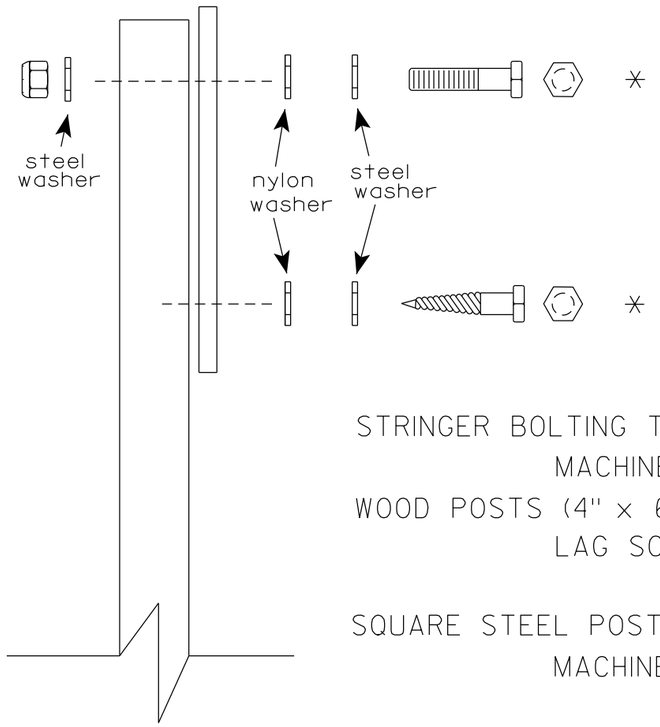
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/6/23 PLATE NO. A4-4.16

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 359	E





Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

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

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32" (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

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

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

ATTACHMENT OF SIGNS TO POSTS

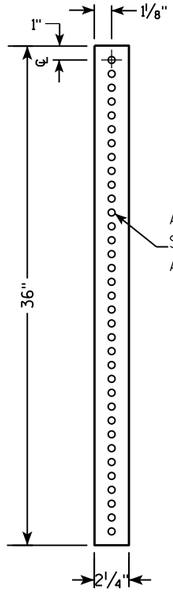
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

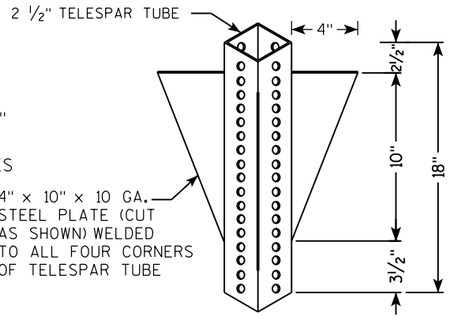
DATE 4/1/2020 PLATE NO. A4-8.9

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

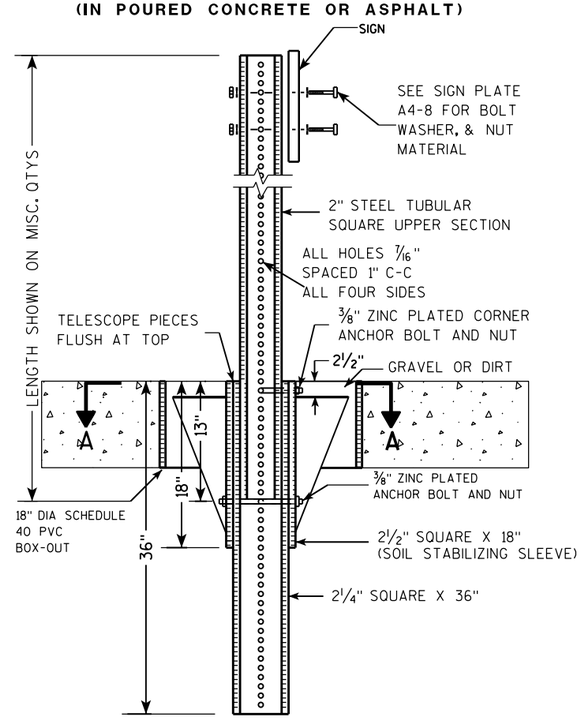
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



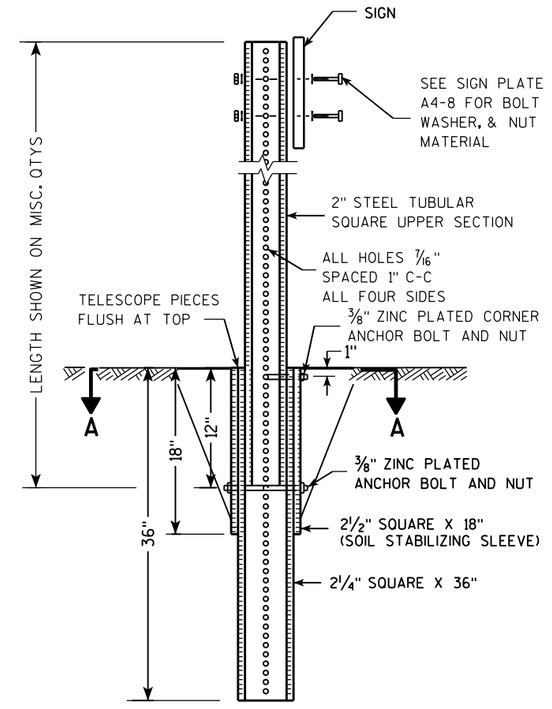
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

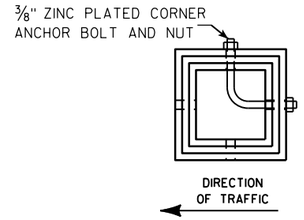


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

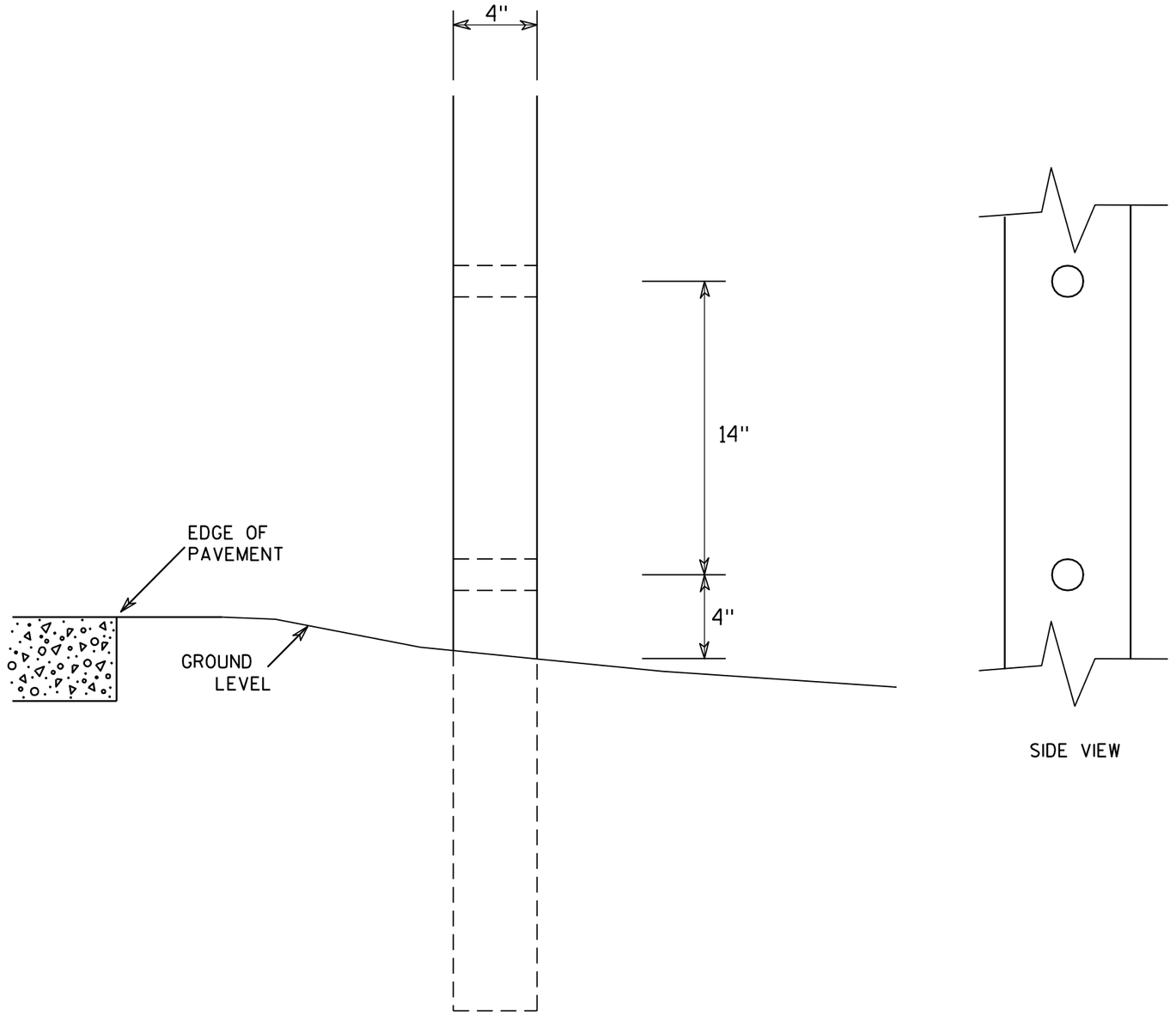
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000
WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

7

7

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

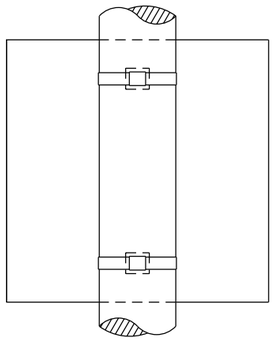
APPROVED Chester J Spang
for State Traffic Engineer

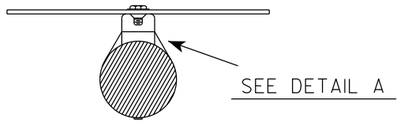
DATE 3/27/97 PLATE NO. A4-11.2

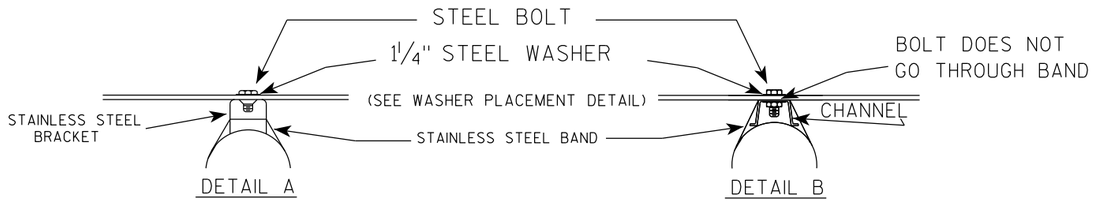
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 362	E

BANDING

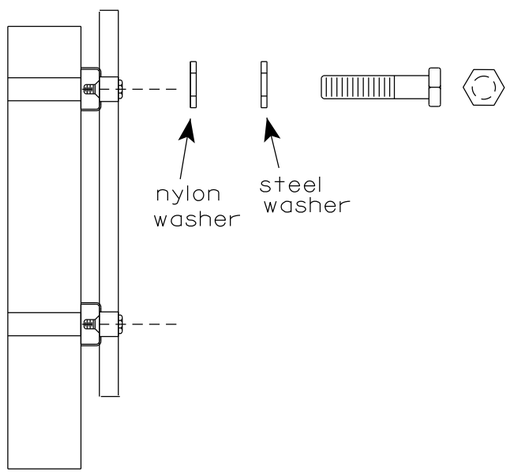
SINGLE SIGN







WASHER PLACEMENT

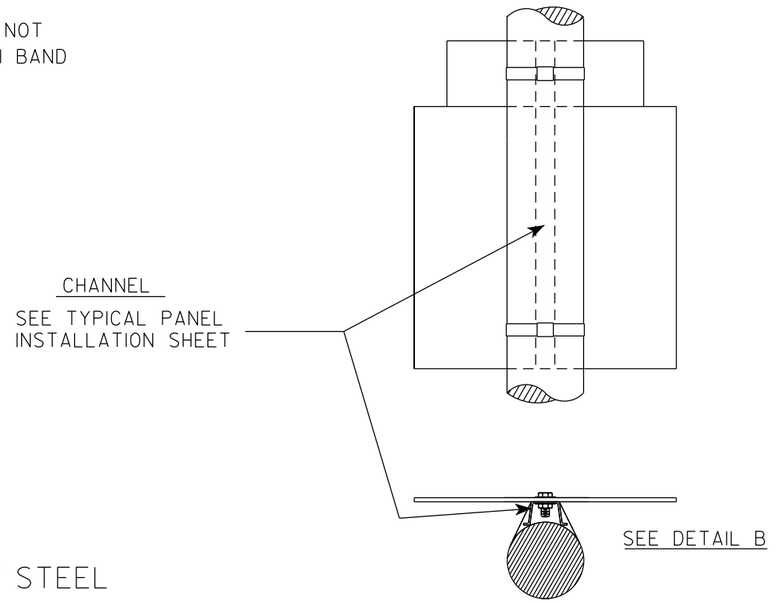


WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

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 ¾" 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



STANDARD SIGN
SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

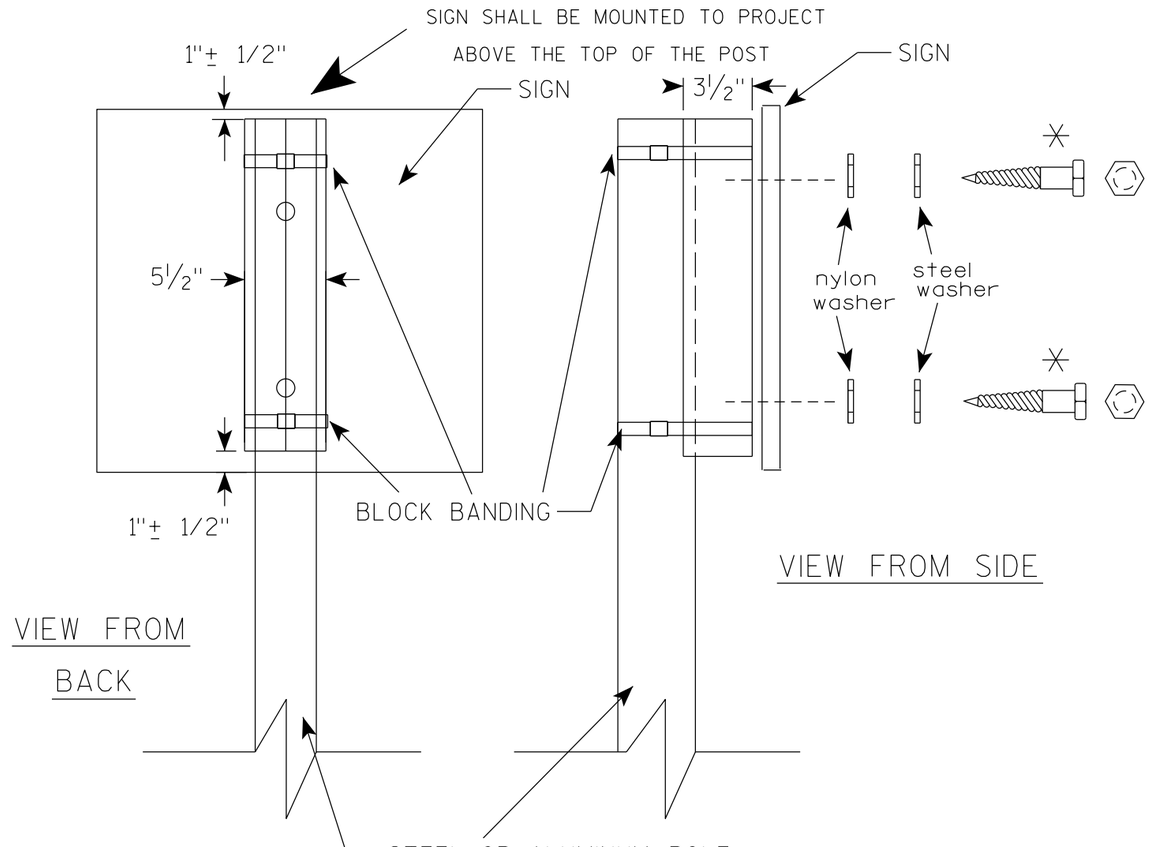
DATE 6/10/19 PLATE NO. A5-9.4

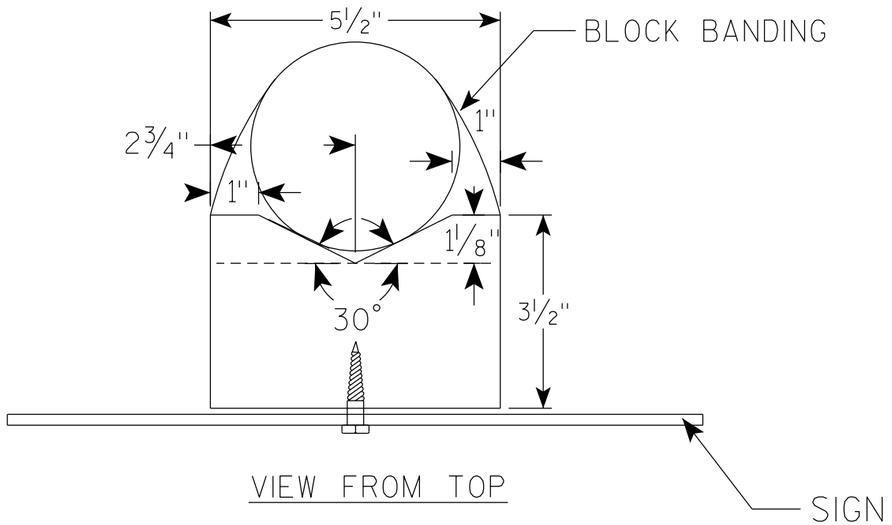
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 363	E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn PLOT DATE : 10-JUN 2019 4:10 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

7





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, ¾" 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 NORNALLY 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 1¼" O.D. X ⅜" I.D. X 1/16"
8. NYLON WASHERS SHALL BE 1¼" O.D. X ⅜" I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

✳ LAG BOLTS SHALL BE ⅜" X 2½"

BLOCK BANDING DETAIL (V-BLOCK OPTION)

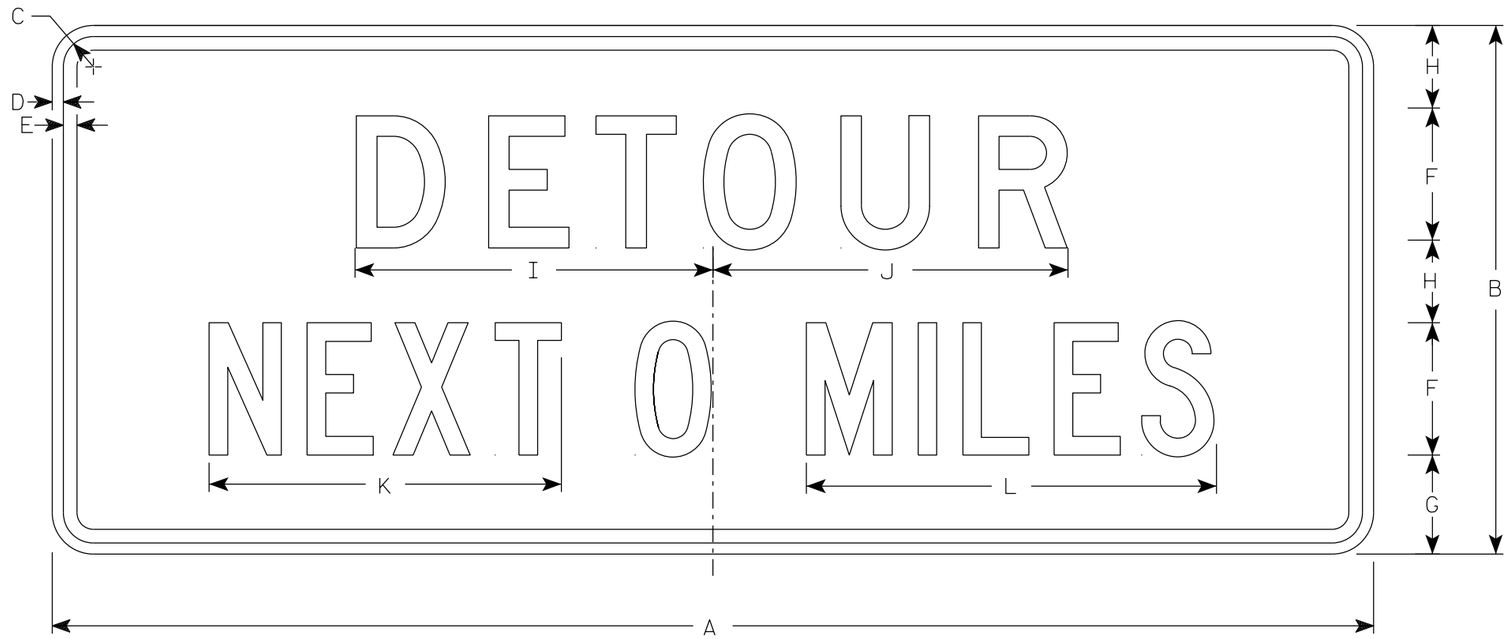
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

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

PROJECT NO:

SHEET NO: 364 E



G20-51

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - Line 1 is D and Line 2 is C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Round distance to nearest whole Mile and substitute appropriate numerals and optically adjust spacing to achieve proper balance

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
2M	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
3	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
4	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0
5	60	24	1 7/8	1/2	5/8	6	4 1/2	3 3/4	16 1/4	16 1/8	16	18 5/8															10.0

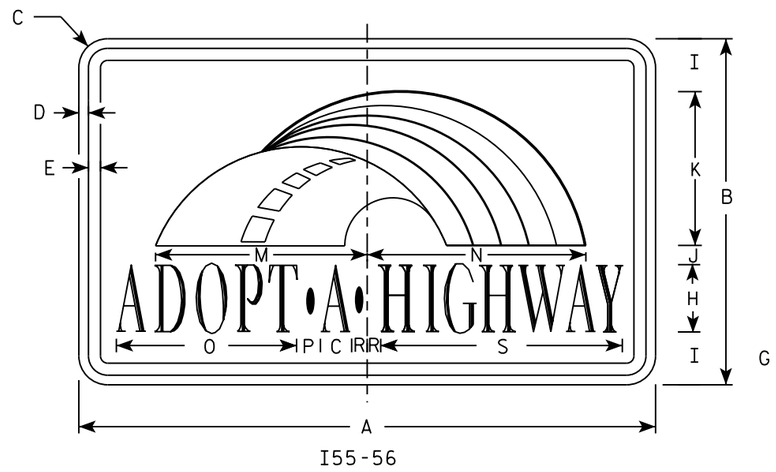
STANDARD SIGN
G20-51

WISCONSIN DEPT OF TRANSPORTATION

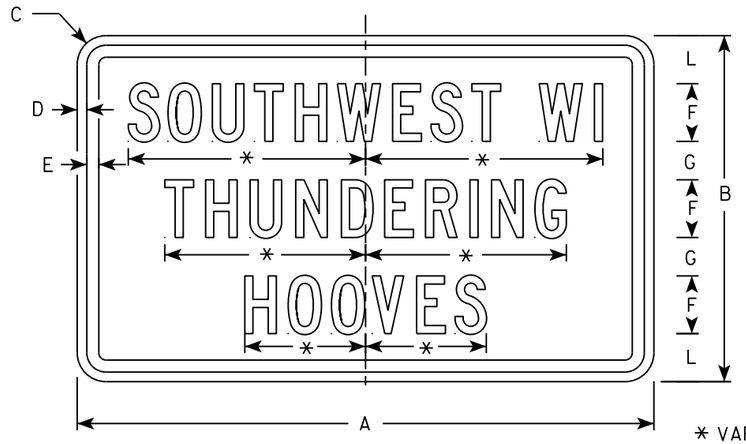
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-51.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 365	E



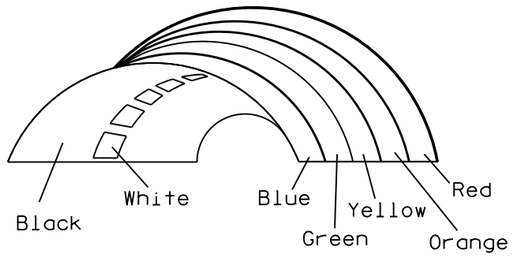
I55-56



I55-56P

* VARIES

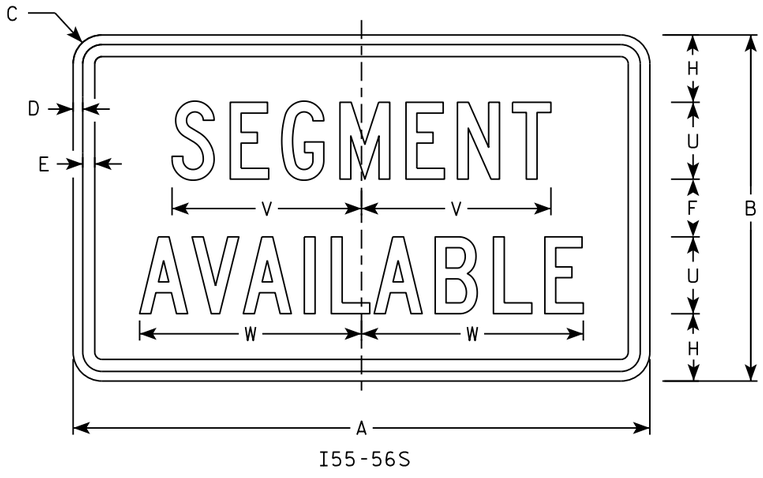
Background Colors of Symbol*



*1/4" Black Border between each color of rainbow and border of rainbow

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - (See Note 4)
3. Message Series - (See Note 5)
4. Border - Blue
   Adopt a Highway - Red
   All other Text - Blue
5. Adopt a Highway - Dutch 8011L
   All other Text - Series C
6. Contractor shall provide and install a new post bracket in accordance with the I55-56B sign detail.



I55-56S

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	30	18	1 1/2	1/2	5/8	3	2	3 1/2	2 3/4	1	8	2 1/2	11 1/4	11 1/8	9 3/8	1 1/4		3/4	12 5/8	7 1/2	4	9 7/8	11 1/2				3.75
3																											
4																											
5																											

STANDARD SIGN
I55-56

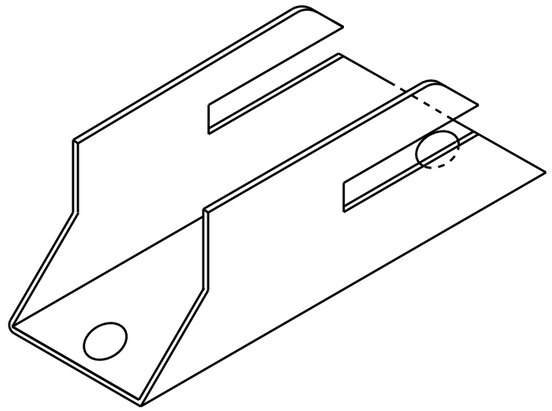
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

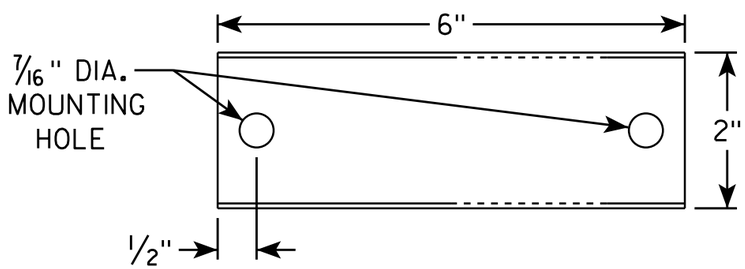
DATE 2/20/18 PLATE NO. I55-56.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 366 | E

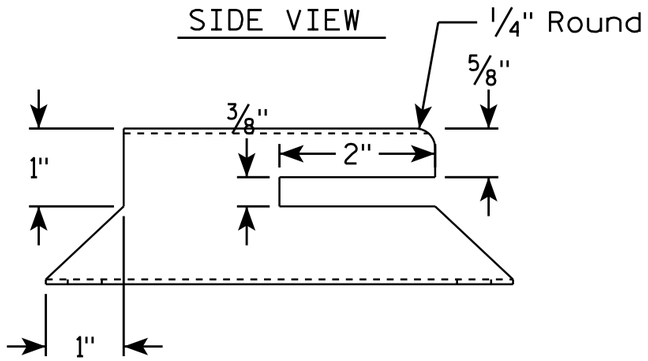
ISOMETRIC VIEW



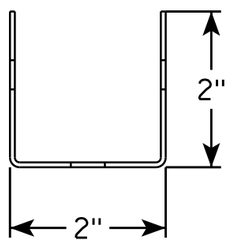
TOP VIEW



SIDE VIEW



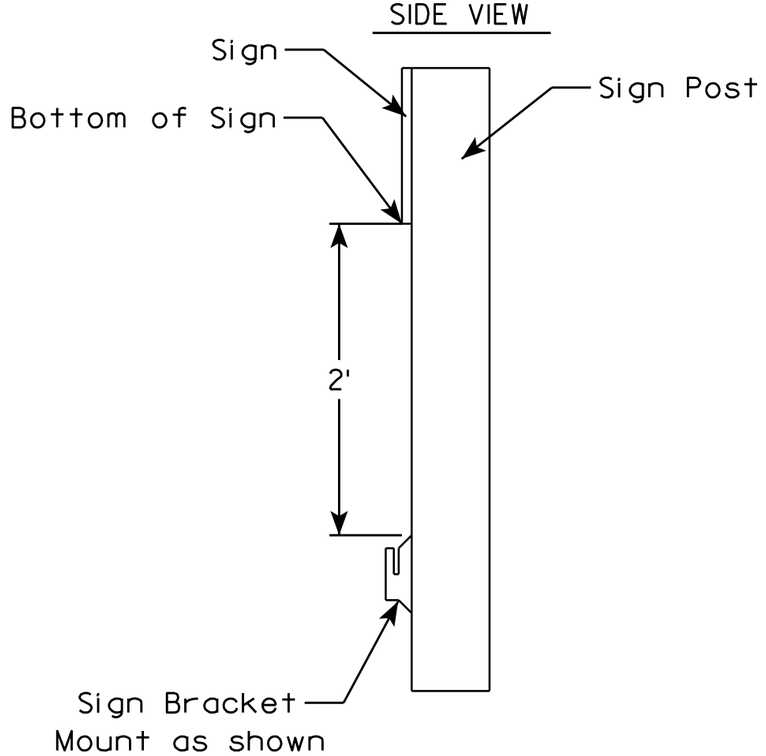
END VIEW



NOTES

1. Must be capable of permanent attachment to a wood or steel channel sign post utilizing the fastening hardware specified on the A4-8 sign plate.
2. Shall be entirely primed and painted with two coats of a black powder coated enamel paint.
3. Shall be made with 12 gauge steel, and incorporate no welds, no hinged components, no threaded lock-type components, and no parts which are loose or can be separated from the main body.
4. Shall have rounded edges with at least 1/8" radii.
5. Shall not have unrounded and uncoated metal edges which can contact the back surface of the roll-up sign.
6. Top of bracket shall be mounted 2' below the bottom of the I55-56 sign.
7. Cost of bracket and fastening hardware shall be incidental to the I55-56 sign.

SIDE VIEW



ROLLUP SIGN BRACKET
I55-56B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

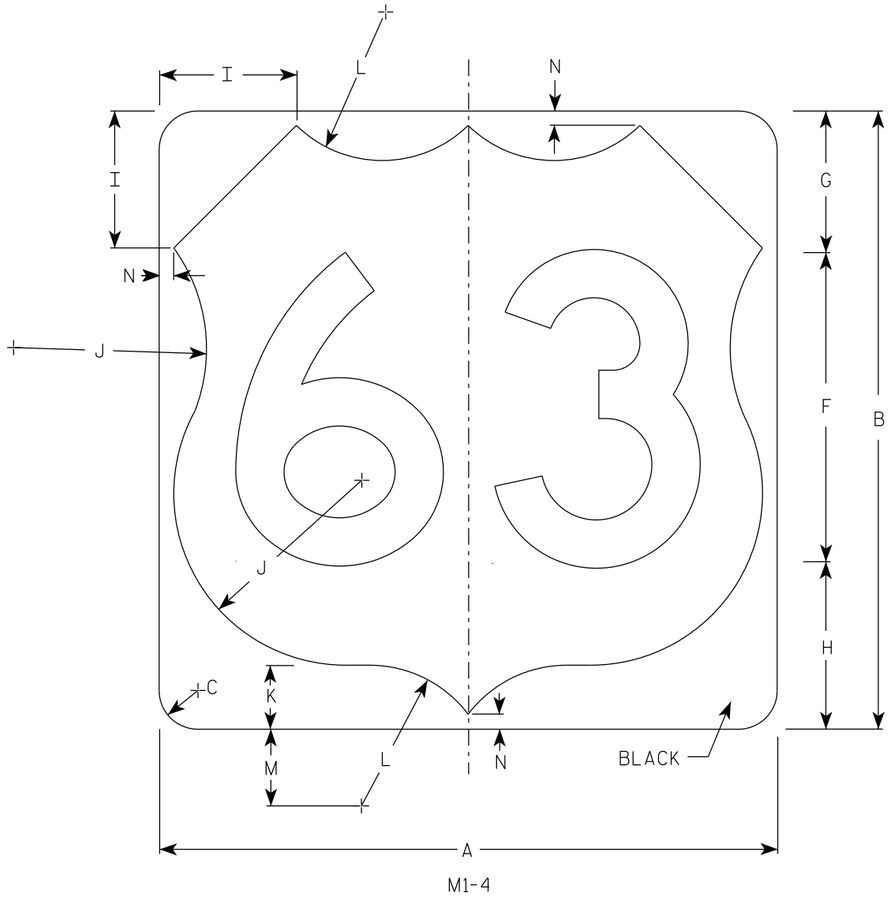
DATE 4/26/16 PLATE I55-56B.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

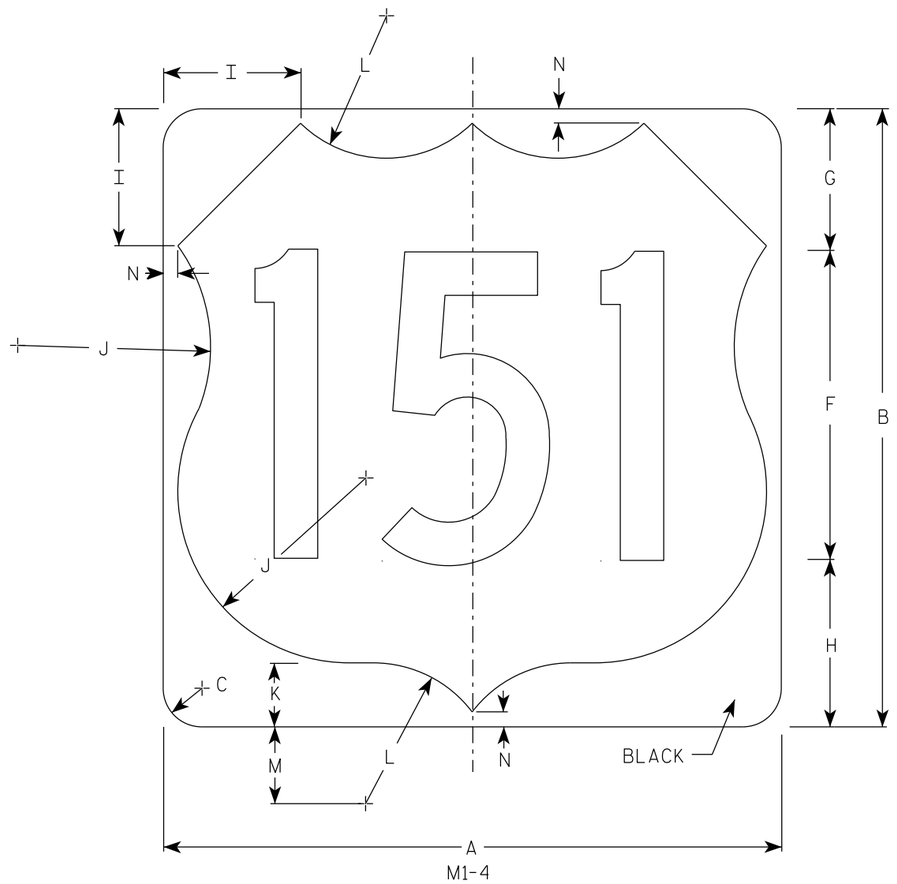
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\I5556B.DGN PLOT DATE : 26-APR-2016 17:29 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 1.945842:1.000000
WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D except 3 number signs Series C



M1-4



M1-4

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	24	1 ½			12	5 ½	6 ½	5	7 ½	2 ½	5 ½	3	½													4.0
2M	24	24	1 ½			12	5 ½	6 ½	5	7 ½	2 ½	5 ½	3	½													4.0
3	36	36	2 ¼			18	8 ¼	9 ¼	7 ¼	11 ¼	3 ¾	8 ¼	4 ½	¾													9.0
4	36	36	2 ¼			18	8 ¼	9 ¼	7 ¼	11 ¼	3 ¾	8 ¼	4 ½	¾													9.0
5	36	36	2 ¼			18	8 ¼	9 ¼	7 ¼	11 ¼	3 ¾	8 ¼	4 ½	¾													9.0

USH MARKER
M1-4 FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

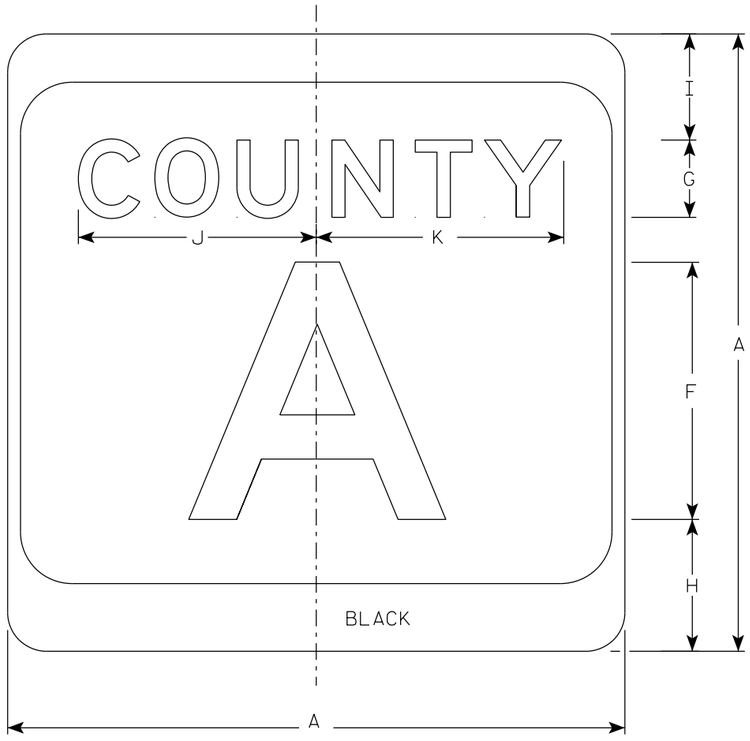
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/20/22 PLATE NO. M1-4.11

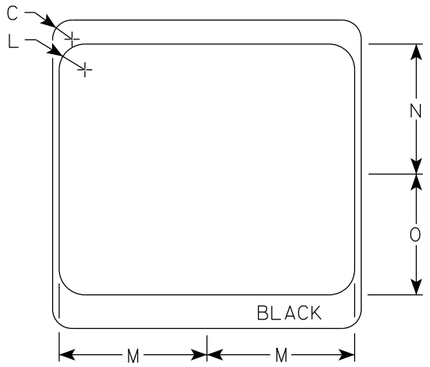
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 368 | E

7

7

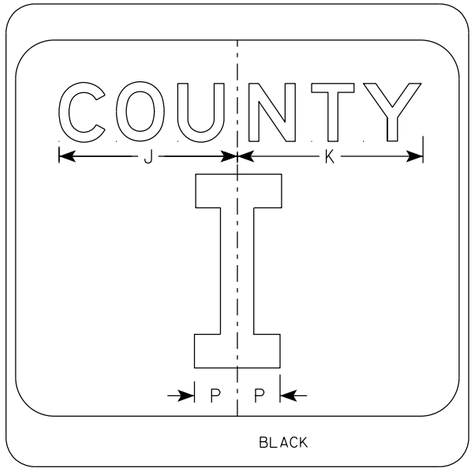


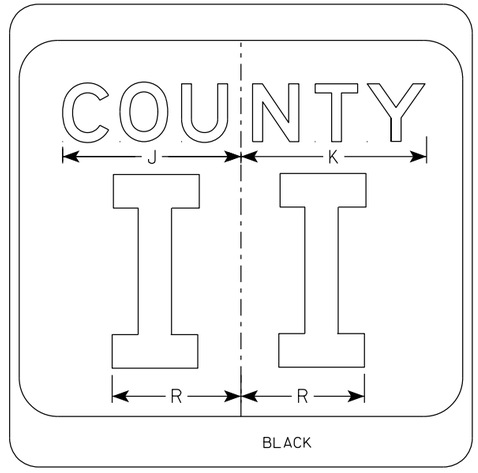
M1-5A



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

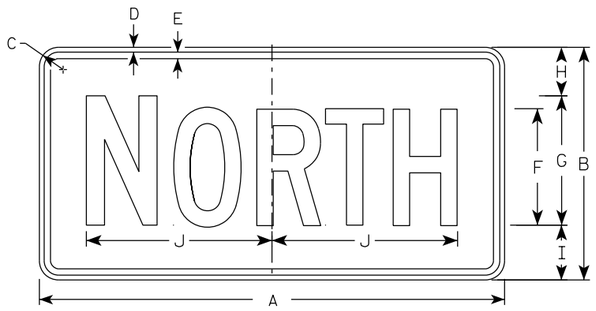
DATE 11/8/2022 PLATE NO. M1-5A.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

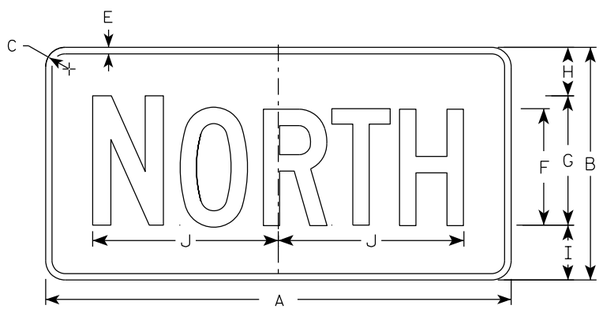
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M15A.dgn PLOT DATE : 8-NOV 2022 8:26 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

7

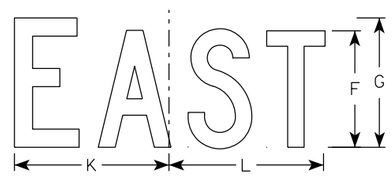
7



M3-1
MM3-1
MP3-1

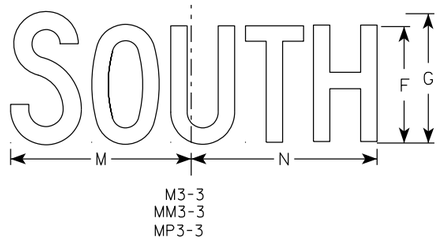


MB3-1
MK3-1
MN3-1

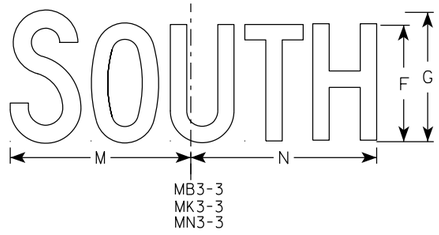


M3-2
MM3-2
MP3-2

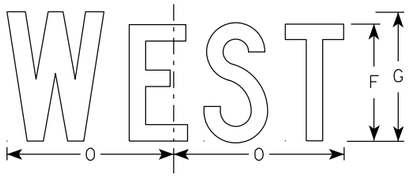
MB3-2
MK3-2
MN3-2



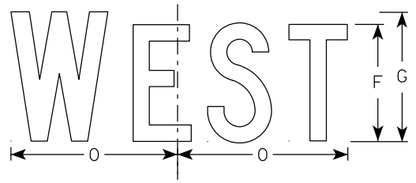
M3-3
MM3-3
MP3-3



MB3-3
MK3-3
MN3-3



M3-4
MM3-4
MP3-4



MB3-4
MK3-4
MN3-4

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M3-1 thru M3-4 Background - White
   Message - Black
   MB3-1 thru MB3-4 Background - Blue
   Message - White
   MK3-1 thru MK3-4 Background - Green
   Message - White
   MM3-1 thru MM3-4 Background - White
   Message - Green
   MN3-1 thru MN3-4 Background - Brown
   Message - White
   MP3-1 thru MP3-4 Background - White
   Message - Blue
6. Note the first letter of each direction is larger than the remainder of the message.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
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

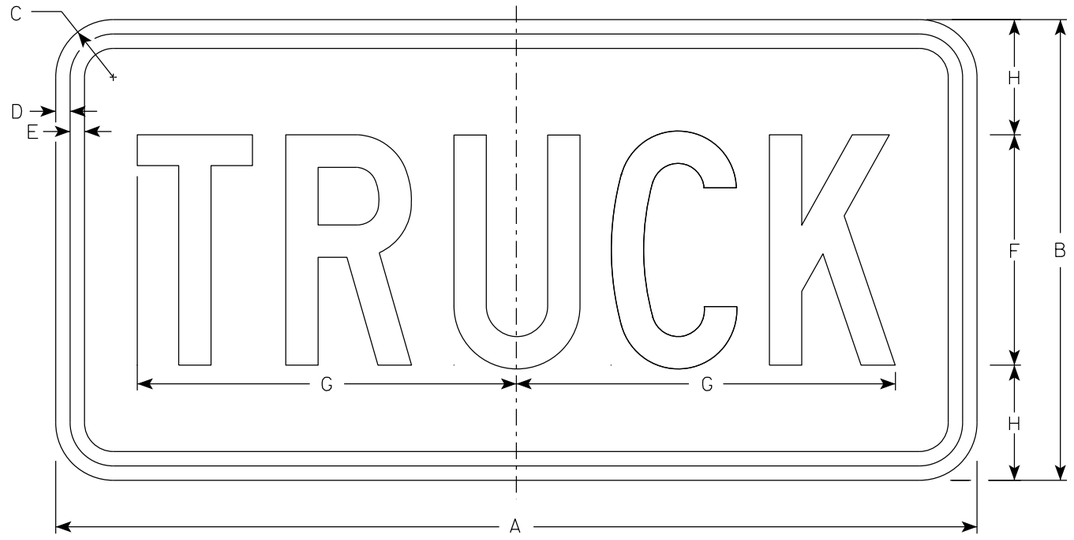
APPROVED Matthew R Rauch
For State Traffic Engineer

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

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 370	E

NOTES

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



M4-4

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
2M	24	12	1 1/2	3/8	3/8	6	9 7/8	3																			2.0
3	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
4	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5
5	36	18	1 1/2	3/8	1/2	9	15 5/8	4 1/2																			4.5

STANDARD SIGN

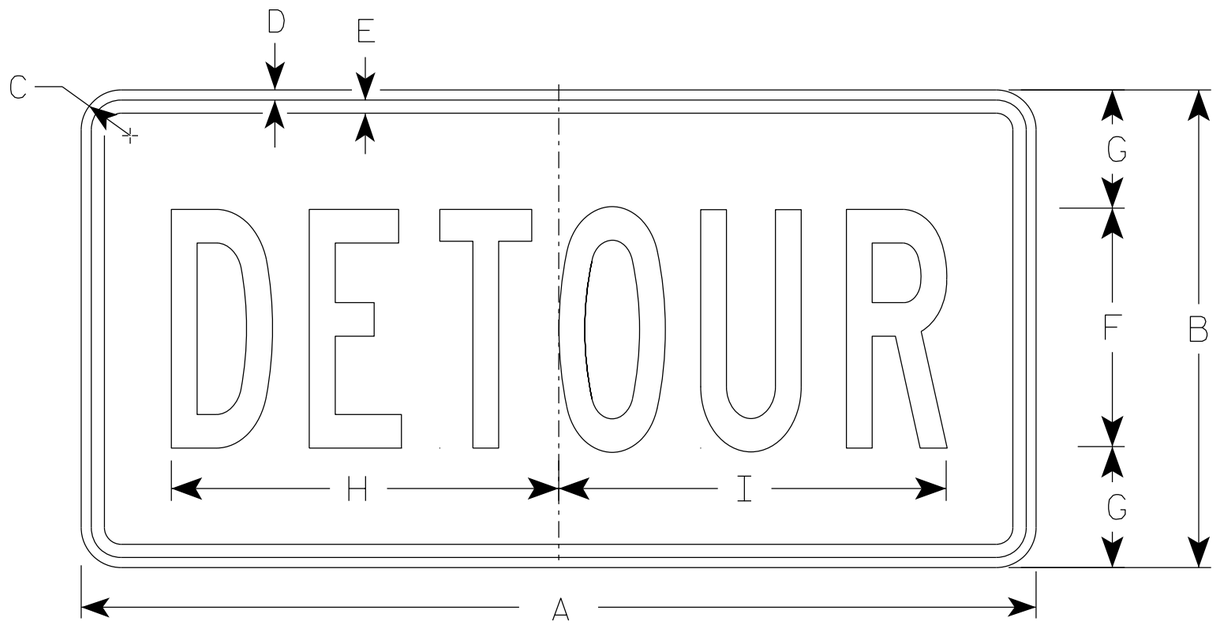
M4-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 11/21/2022 PLATE NO. M4-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E



M4-8

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
2M	24	12	1 1/2	3/8	3/8	6	3	10	10 1/4																		2.0
3	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
4	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5
5	36	18	1 1/2	3/8	1/2	9	4 1/2	14 5/8	14 1/2																		4.5

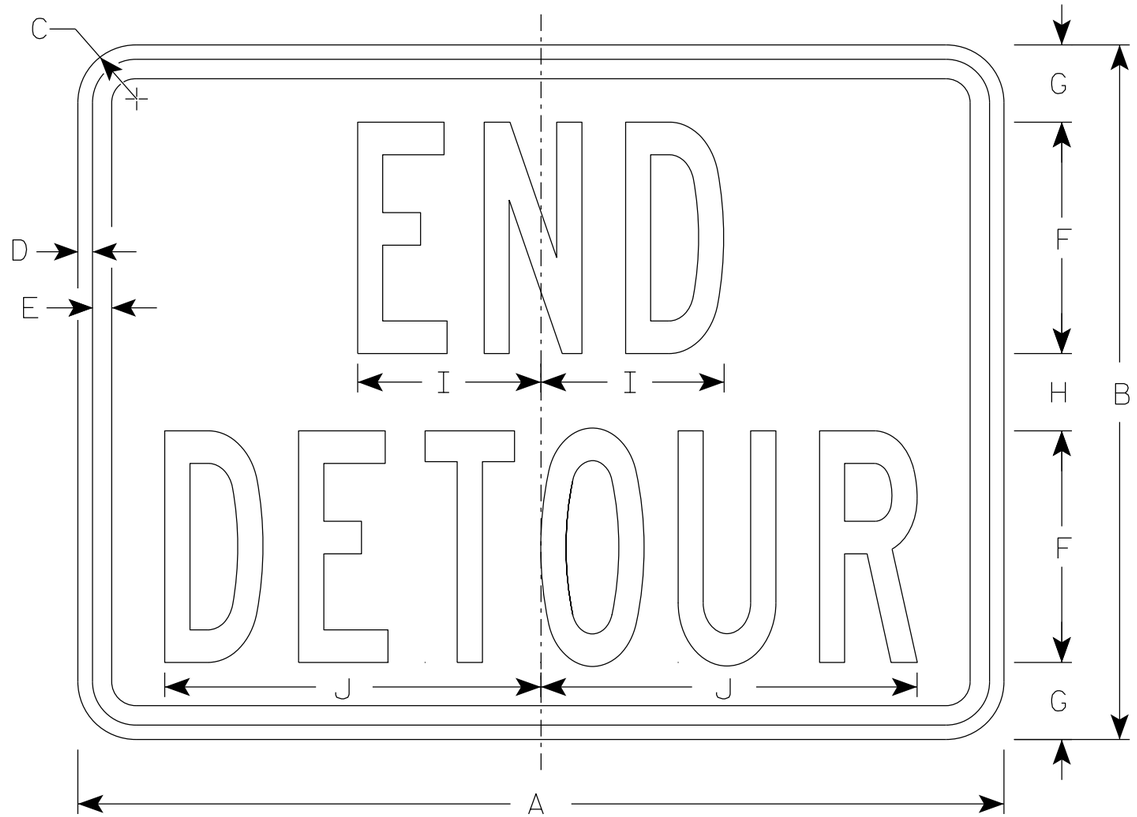
STANDARD SIGN
M4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8.4

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 372	E



M4-8A

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
2M	24	18	1 ½	⅜	½	6	2	2	4 ¾	9 ¾																	3.0
3	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
4	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0
5	30	24	1 ½	⅜	½	8	2 ½	3	6 ¾	13																	5.0

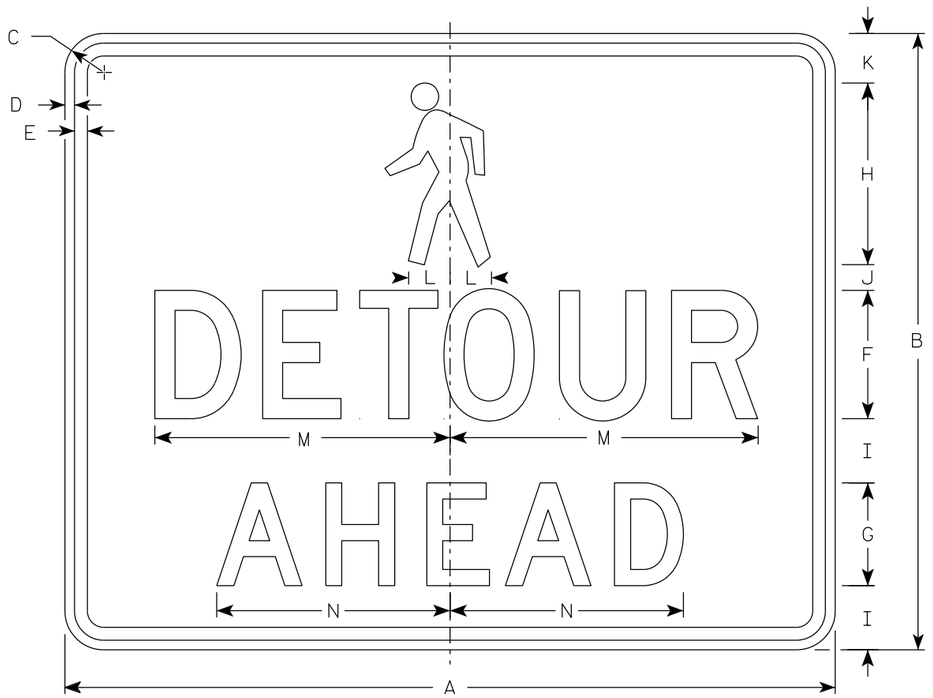
STANDARD SIGN
M4-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/9/2023 PLATE NO. M4-8A.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 373 | E



M4-9BA

NOTES

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

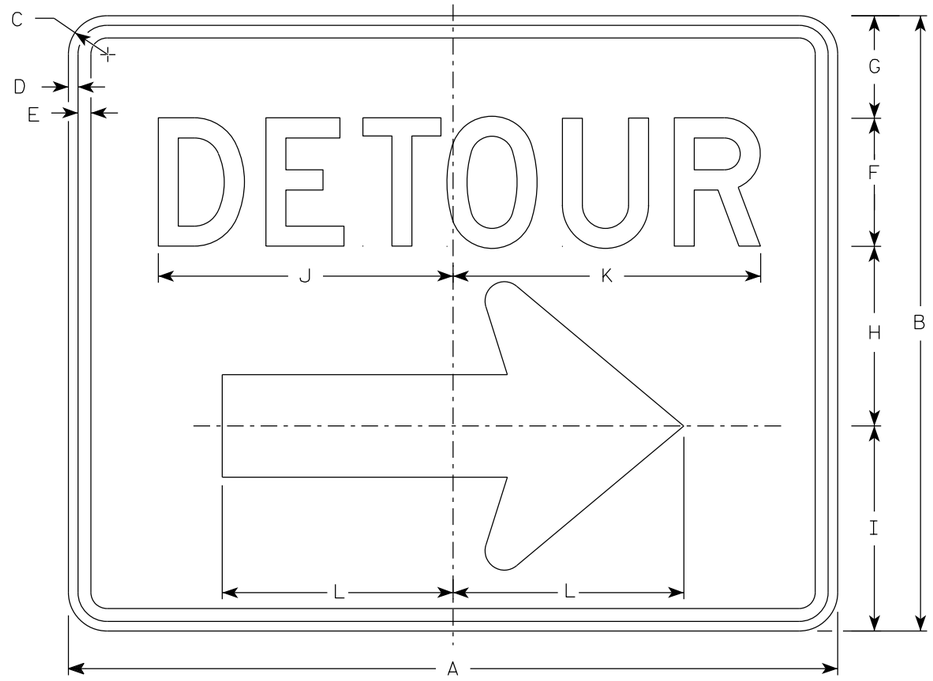
SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	24	1 1/2	3/8	1/2	5	4	7 1/8	2 1/2	1	1 7/8	1 5/8	11 3/4	9 1/8													5.0
2M	30	24	1 1/2	3/8	1/2	5	4	7 1/8	2 1/2	1	1 7/8	1 5/8	11 3/4	9 1/8													5.0
3																											
4																											
5																											

STANDARD SIGN
M4-9BA

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer
DATE 2/9/2023 PLATE NO. M4-9BA.3

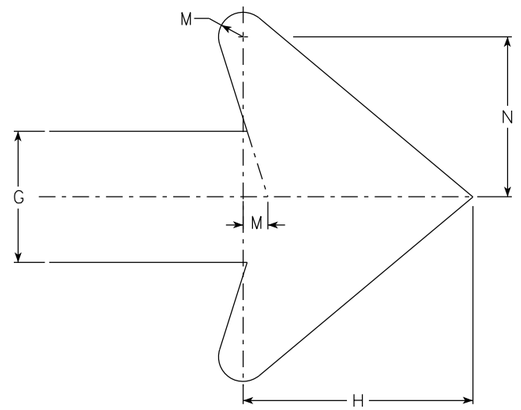
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 374	E



M4-9R

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-9L is the same as M4-9R except the arrow is reversed.



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																											
2	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
2M	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
3	30	24	1 1/2	3/8	1/2	5	4	7	8	11 1/2	12	9	3/4	4 7/8													5.00
4	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0
5	48	36	1 7/8	1/2	5/8	8	6	10 1/2	11 5/8	20 5/8	20 1/2	13 1/4	1 1/8	6 7/8													12.0

STANDARD SIGN
M4-9 R & L

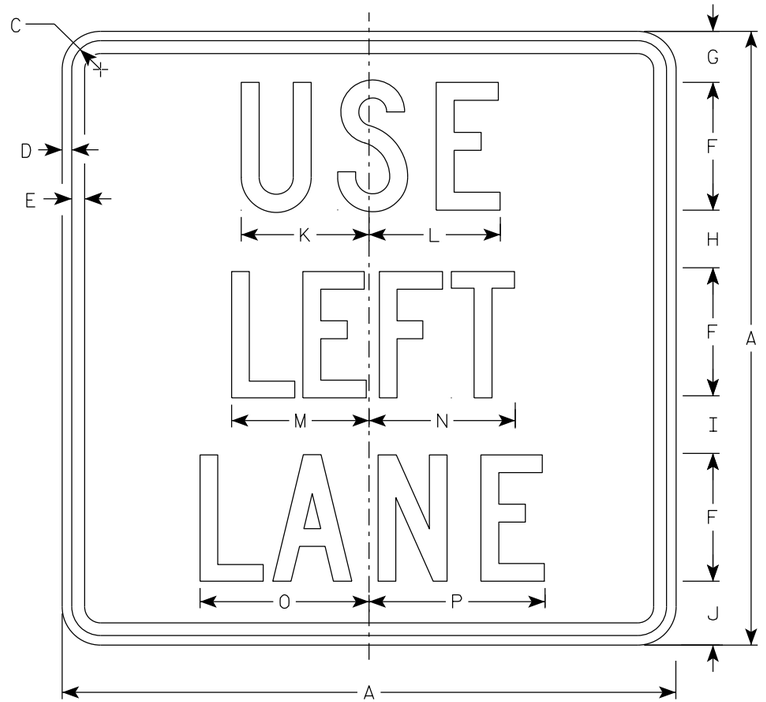
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

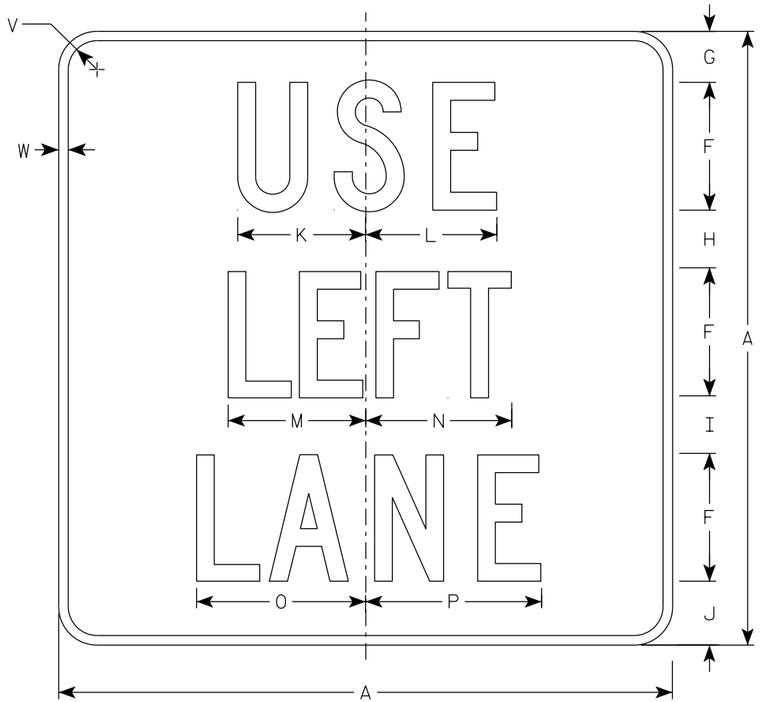
DATE 2/9/2023 PLATE NO. M4-9R.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

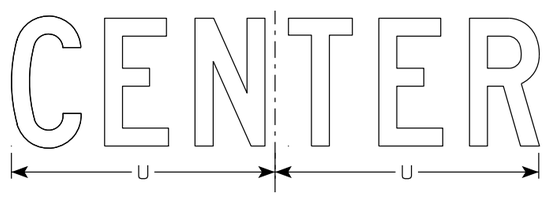
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M49R.dgn PLOT DATE : 21-MARCH 2023 1:40 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



M4-20L
MM4-20L
MO4-20L
MP4-20L

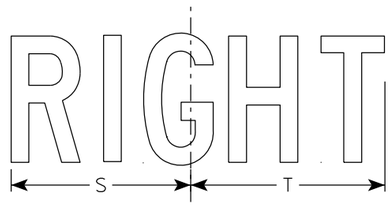


MB4-20L
MK4-20L
MN4-20L
MR4-20L



M4-20C
MB4-20C
MK4-20C
MM4-20C

MN4-20C
MO4-20C
MP4-20C
MR4-20C



M4-20R
MB4-20R
MK4-20R
MM4-20R

MN4-20R
MO4-20R
MP4-20R
MR4-20R

NOTES

1. Sign is Type II - Type H except as Shown
2. Color:
   Background - See note 5
   Message - See note 5
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. M4-20 Background - White
   Message - Black
   MB4-20 Background - Blue
   Message - White
   MK4-20 Background - Green
   Message - White
   MM4-20 Background - White
   Message - Green
   MN4-20 Background - Brown
   Message - White
   MO4-20 Background - Orange - Type F Reflective
   Message - Black
   MP4-20 Background - White
   Message - Blue
   MR4-20 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	24		1 1/2	3/8	1/2	5	2	2 1/4	2 1/4	2 1/2	5	5 1/8	5 3/8	5 3/4	6 5/8	6 7/8			7	7 5/8	10 1/4	1 1/2	1/2				4.0
2M	24		1 1/2	3/8	1/2	5	2	2 1/4	2 1/4	2 1/2	5	5 1/8	5 3/8	5 3/4	6 5/8	6 7/8			7	7 5/8	10 1/4	1 1/2	1/2				4.0
3	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0
4	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0
5	36		2 1/4	5/8	3/4	7	4	3	3 1/2	4 1/2	7 1/2	7 3/4	8	8 5/8	9 7/8	10 1/4			10 3/8	11 3/8	14 3/8	1 7/8	1/2				9.0

STANDARD SIGN
M4-20

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

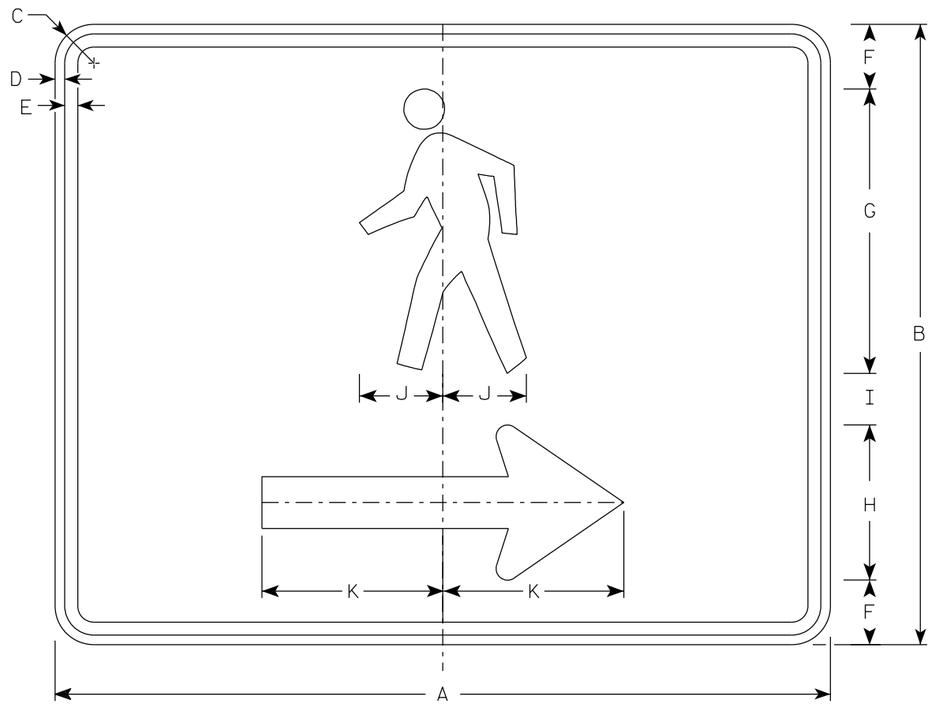
DATE 2/13/2023 PLATE NO. M4-20.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

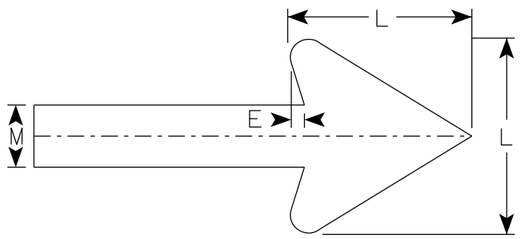
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\M420.dgn PLOT DATE : 13-FEB 2023 8:25 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M4-60L is the same as M4-60R except the arrow is reversed.



M4-60R



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	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
2M	30	24	1 ½	⅜	½	2 ½	11	6	2	3 ¼	7	6	2														5.00
3																											
4																											
5																											

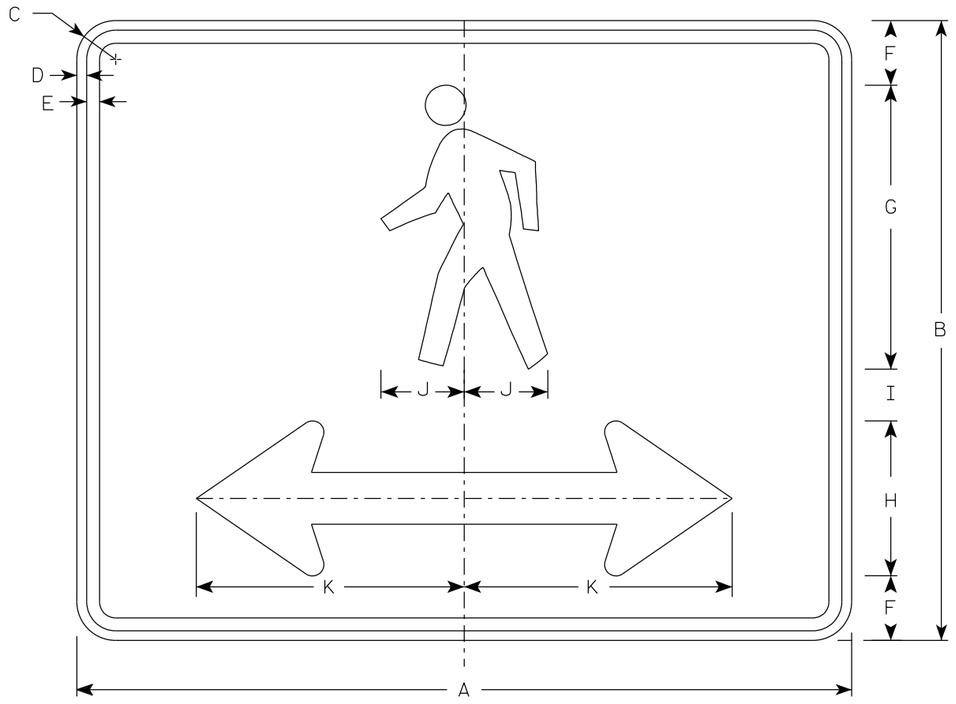
STANDARD SIGN
M4-60 L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60.2

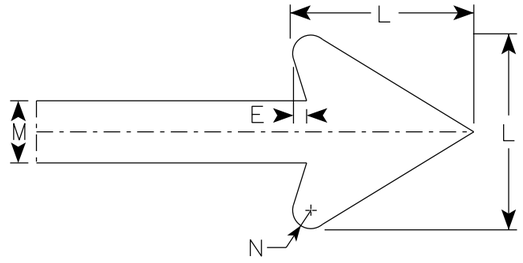
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 377 | E



M4-60D

NOTES

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



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	30	24	1 1/2	3/8	1/2	2 1/2	11	6	2	3 1/4	10 3/8	6	2	3/8													5.00
2M	30	24	1 1/2	3/8	1/2	2 1/2	11	6	2	3 1/4	10 3/8	6	2	3/8													5.00
3																											
4																											
5																											

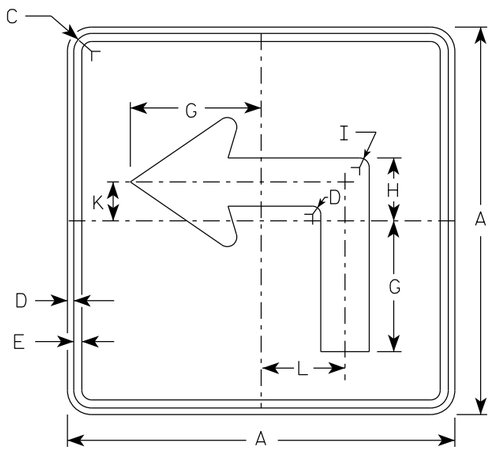
STANDARD SIGN
M4-60D

WISCONSIN DEPT OF TRANSPORTATION

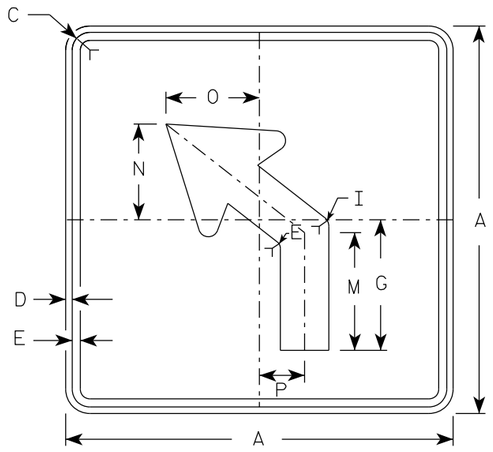
APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 2/14/2023 PLATE NO. M4-60D.2

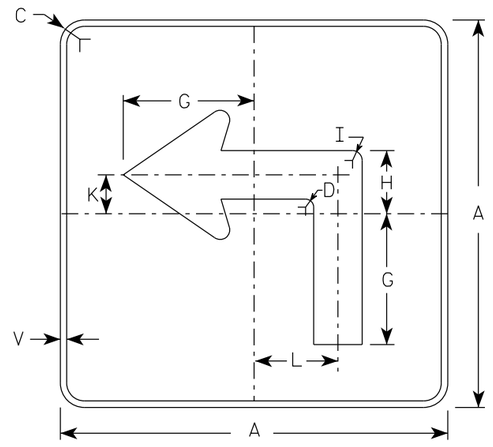
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 378 | E



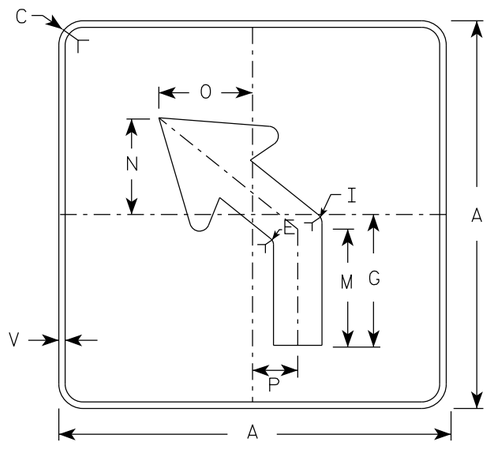
M5-1L
MM5-1L
MO5-1L
MP5-1L



M5-2L
MM5-2L
MO5-2L
MP5-2L



MB5-1L
MK5-1L
MN5-1L
MR5-1L

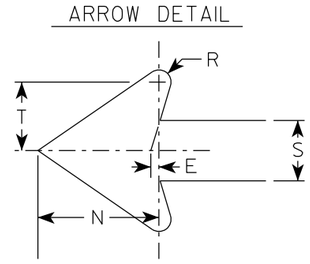


MB5-2L
MK5-2L
MN5-2L
MR5-2L

NOTES

1. Signs are Type II - Type H reflective except as shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M5-1 and M5-2 Background - White
   Message - Black
   MB5-1 and MB5-2 Background - Blue
   Message - White
   MK5-1 and MK5-2 Background - Green
   Message - White
   MM5-1 and MM5-2 Background - White
   Message - Green
   MN5-1 and MN5-2 Background - Brown
   Message - White
   MO5-1 and MO5-2 Background - Orange - Type F Reflective
   Message - Black
   MP5-1 and MP5-2 Background - White
   Message - Blue
   MR5-1 and MR5-2 Background - Brown
   Message - Yellow
5. M5-1R same as M5-1L except arrow points right.
6. M5-2R same as M5-2L except arrow tilts right.

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	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
2M	21		1 1/2	3/8	3/8		7	3 3/8	5/8		2 1/8	4 1/2	6 3/8	5 1/4	5	2 1/2		1/2	2 5/8	3		1/2					3.06
3	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
4	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25
5	30		1 7/8	1/2	5/8		10 1/8	4 7/8	7/8		3	6 1/2	9 1/8	7 1/2	7 1/4	3 1/2		3/4	3 3/4	4 1/4		1/2					6.25

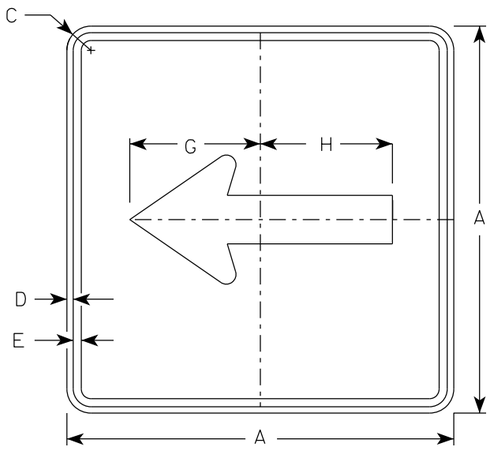
STANDARD SIGN
M5-1 & M5-2

WISCONSIN DEPT OF TRANSPORTATION

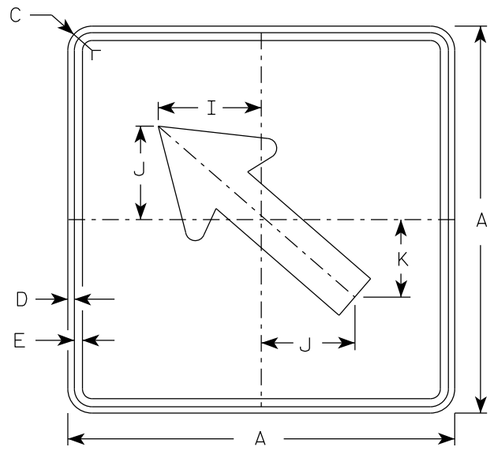
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/13/2023 PLATE NO. M5-1.15

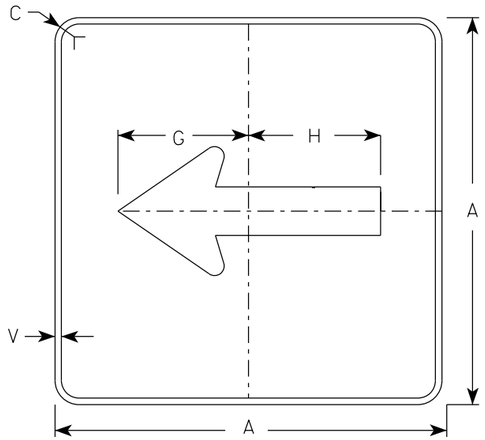
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 379 | E



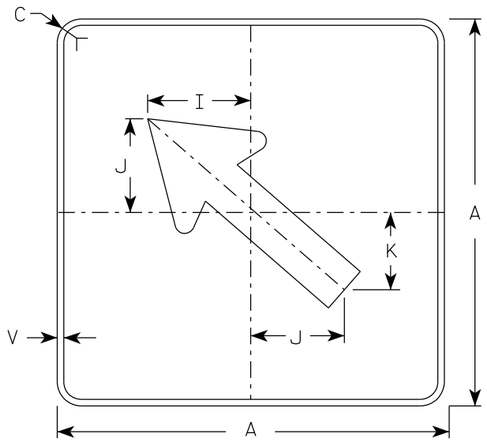
M6-1
MM6-1
MO6-1
MP6-1



M6-2
MM6-2
MO6-2
MP6-2



MB6-1
MK6-1
MN6-1
MR6-1

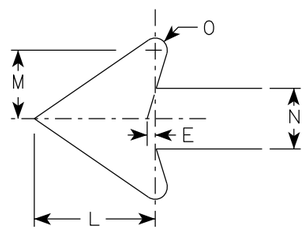


MB6-2
MK6-2
MN6-2
MR6-2

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See note 4
   Message - See note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. M6-1 and M6-2 Background - White
   Message - Black
   MB6-1 and MB6-2 Background - Blue
   Message - White
   MK6-1 and MK6-2 Background - Green
   Message - White
   MM6-1 and MM6-2 Background - White
   Message - Green
   MN6-1 and MN6-2 Background - Brown
   Message - White
   MO6-1 and MO6-2 Background - Orange - Type F Reflective
   Message - Black
   MP6-1 and MP6-2 Background - White
   Message - Blue
   MR6-1 and MR6-2 Background - Brown
   Message - Yellow

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	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

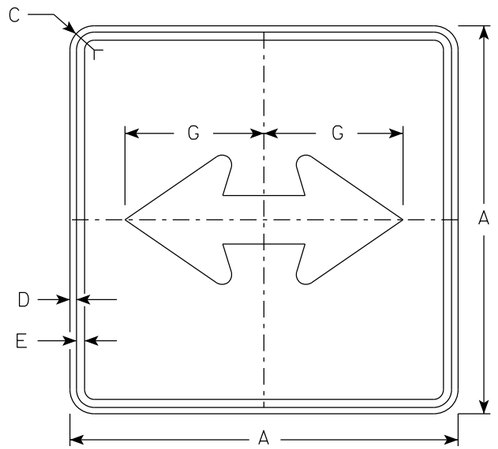
STANDARD SIGN
M6-1 & M6-2
SERIES

WISCONSIN DEPT OF TRANSPORTATION

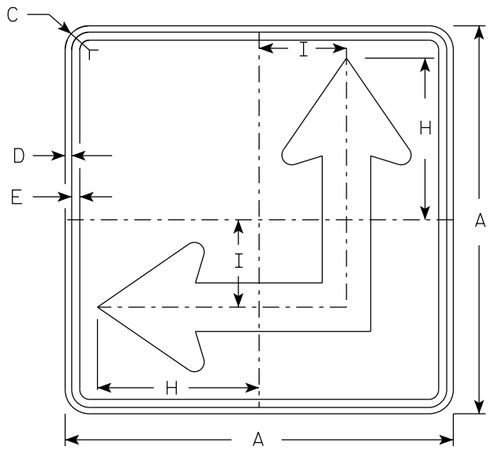
APPROVED Matthew R Rauch
for State Traffic Engineer

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

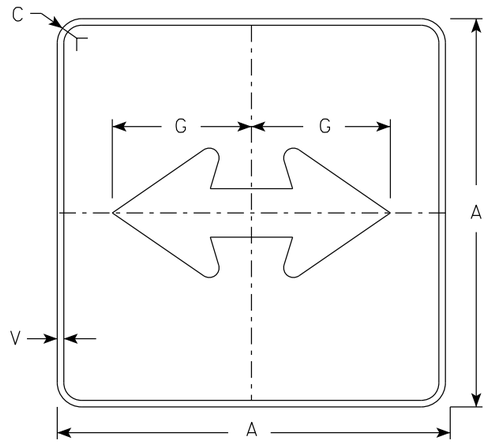
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 380 | E



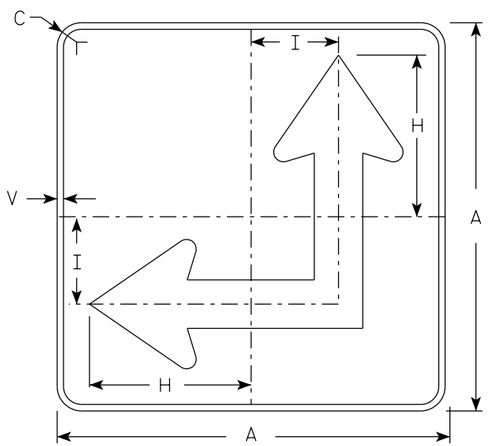
M6-4
MM6-4
MO6-4
MP6-4



M6-6
MM6-6
MO6-6
MP6-6



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

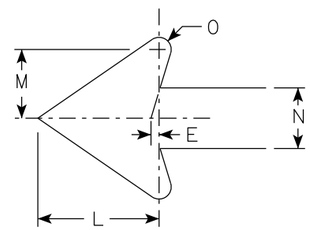


MB6-6
MK6-6
MN6-6
MR6-6

NOTES

1. Signs are Type II - Type H Reflective except as Shown
2. Color:
   Background - See Note 4
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. 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
   MO6-4 and MO6-6 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
5. 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

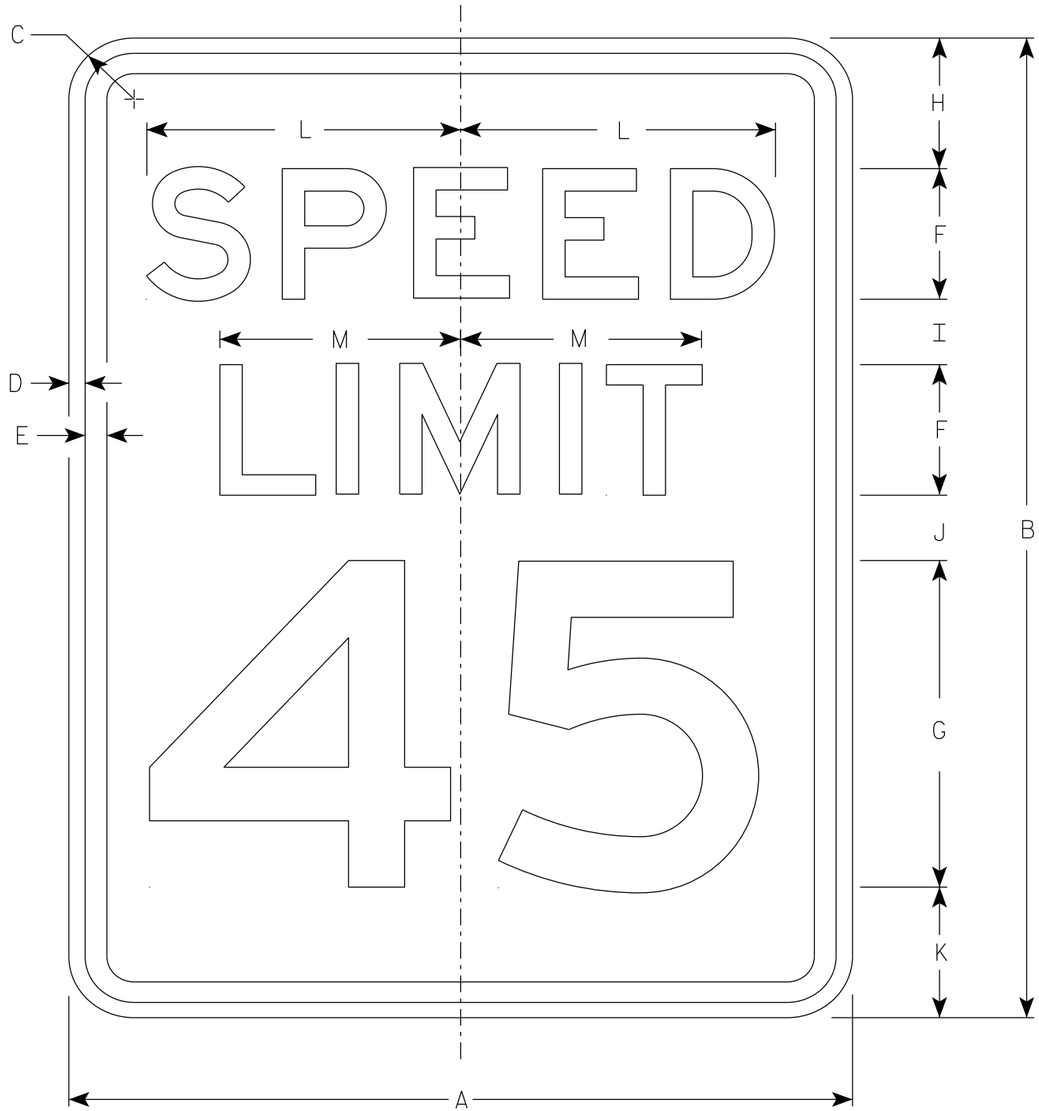
STANDARD SIGN M6-4 & M6-6 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

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

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 381 | E



R2-1

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/2	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/2	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 7/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 7/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	3	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

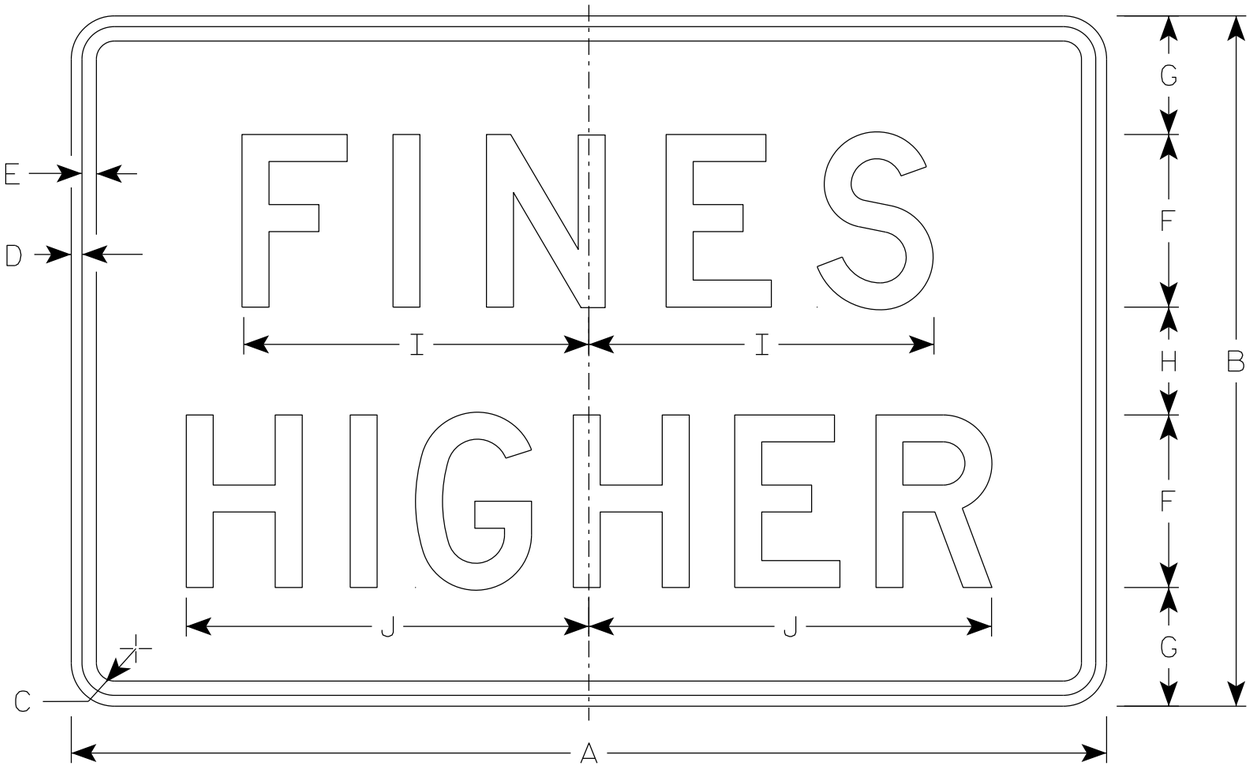
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/23 PLATE NO. R2-1.14

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 382 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R2-6P

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	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
2M	24	18	1 1/2	3/8	3/8	4	3 1/2	3	7 5/8	9 1/4																	3.0
3	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
4	36	24	1 1/2	3/8	1/2	6	4 1/8	3 3/4	12	14																	6.0
5	48	36	1 7/8	1/2	5/8	8	7	6	15 1/8	19																	12.0

STANDARD SIGN
R2-6P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

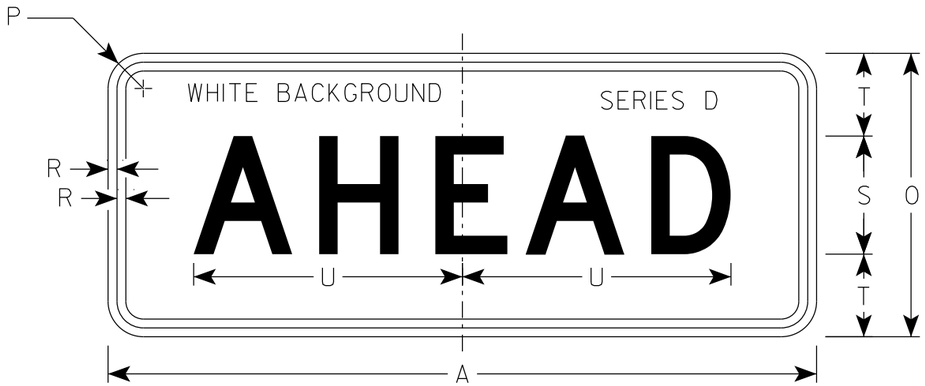
DATE 2/1/23 PLATE NO. R2-6P.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 383 | E

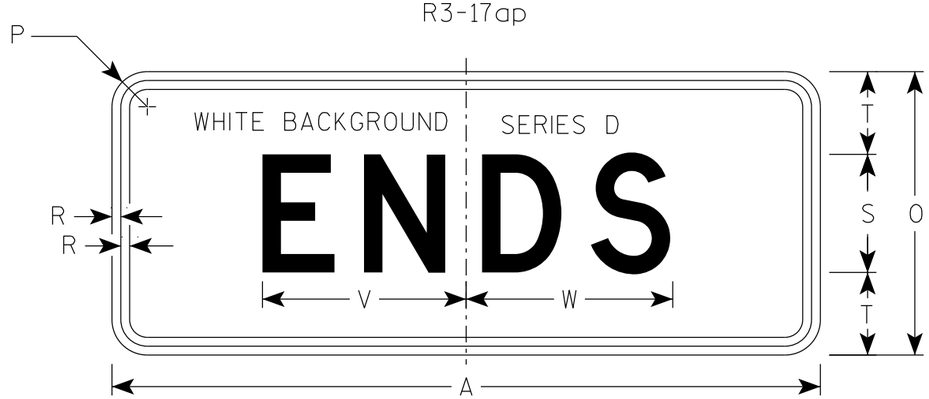
R3-17

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - AS SHOWN
   Message - BLACK
3. Message Series - C or as noted



R3-17ap



R3-17bp

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	R3-17 Area sq. ft.	R3-17ap Area sq. ft.	R3-17bp Area sq. ft.
1																													
2S	30	24	1 1/2	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/2	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
2M	30	24	1 1/2	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/2	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
3																													
4																													
5																													

STANDARD SIGN
R3-17 & R3-17a&bp

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/23 PLATE NO. R3-17.3

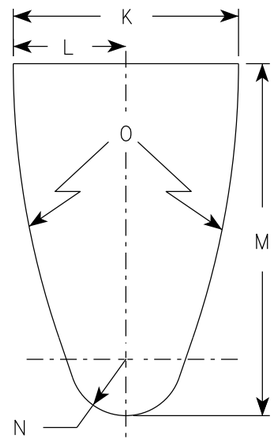
PROJECT NO:

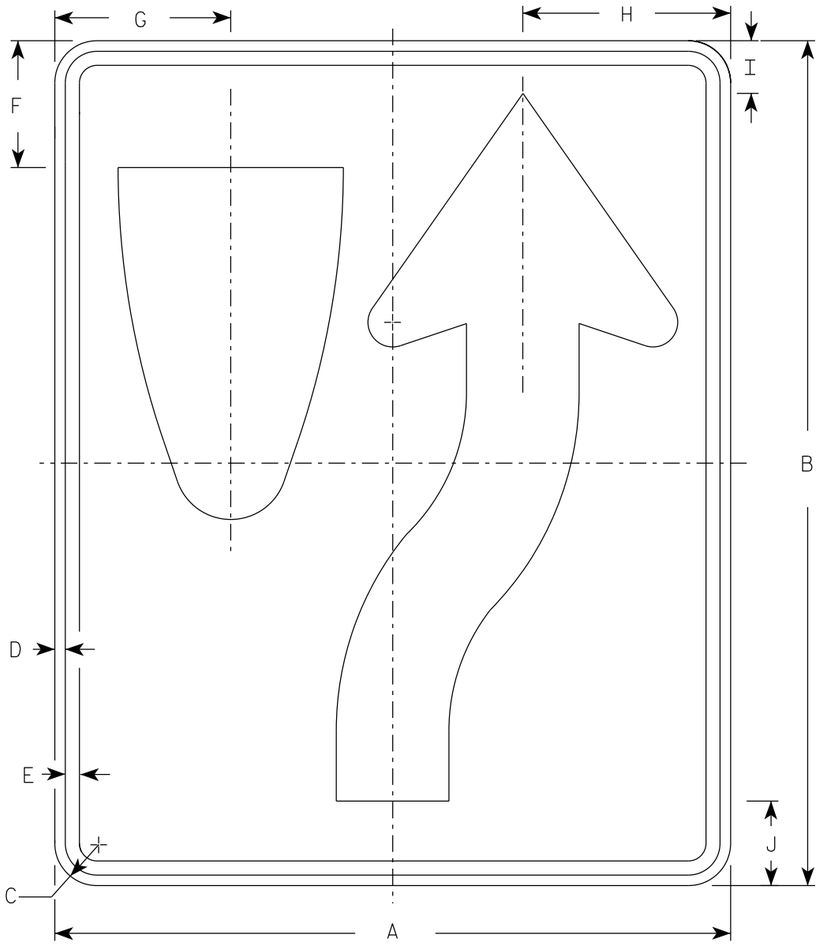
SHEET NO: 384 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. R4-8 is the same as R4-7 except Legend is reversed.

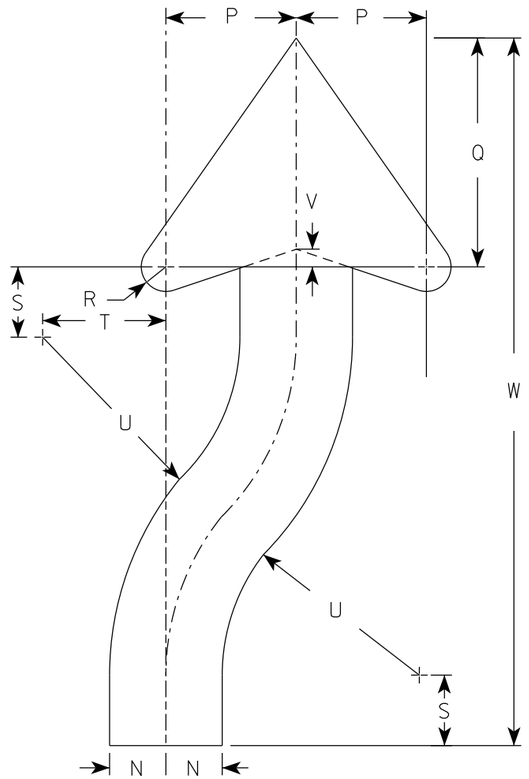
DIVIDER DETAIL





R4-7

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	18	24	1 1/2	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/2	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 7/8	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	3	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

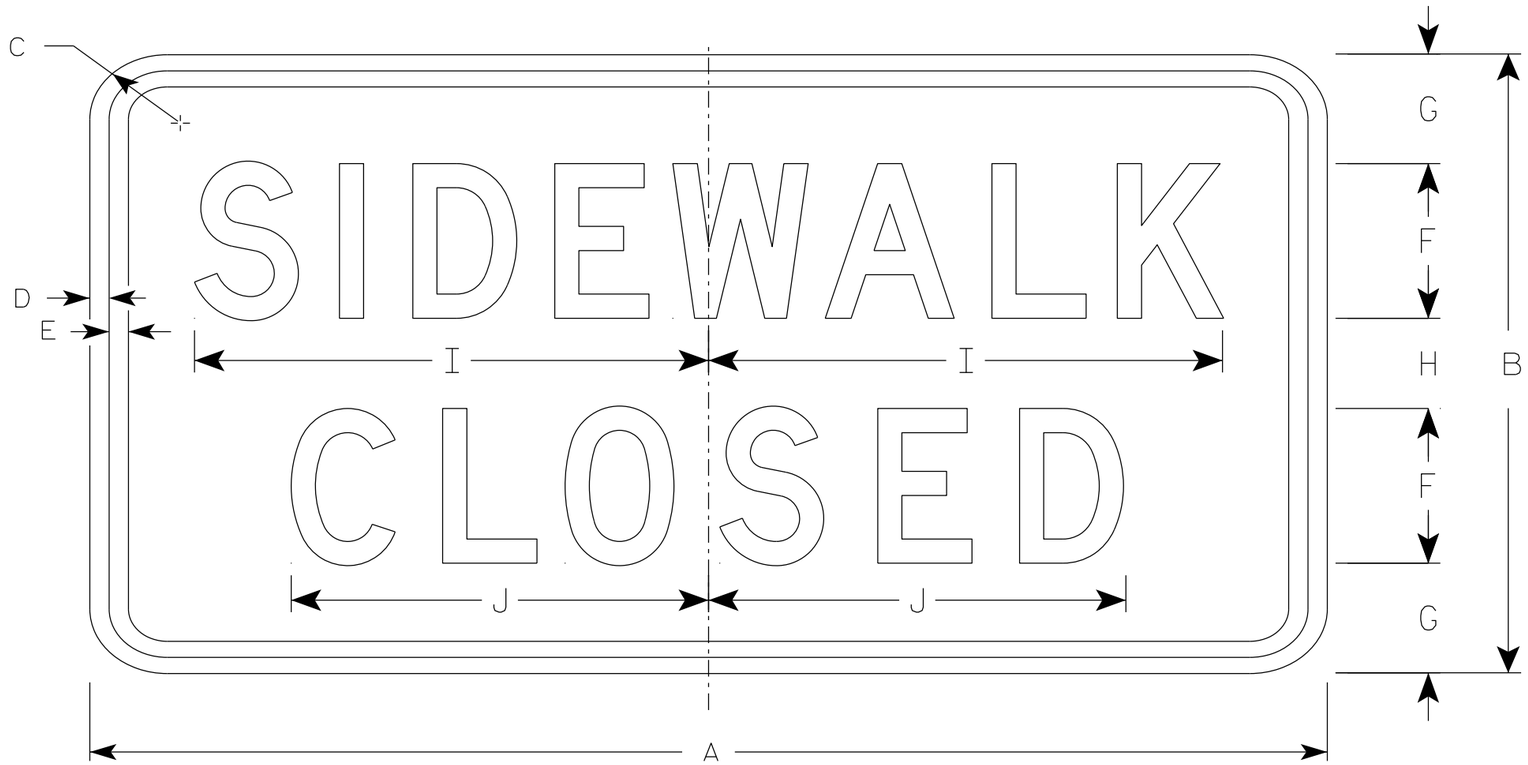
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 8/17/23 PLATE NO. R4-7.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 385	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

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 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
2M	24	12	1 ½	½	½	3	2 ⅛	1 ¾	10	8 ⅛																	2.0
3	30	18	1 ½	½	½	4	3 ½	3	12 ½	10 ¼																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

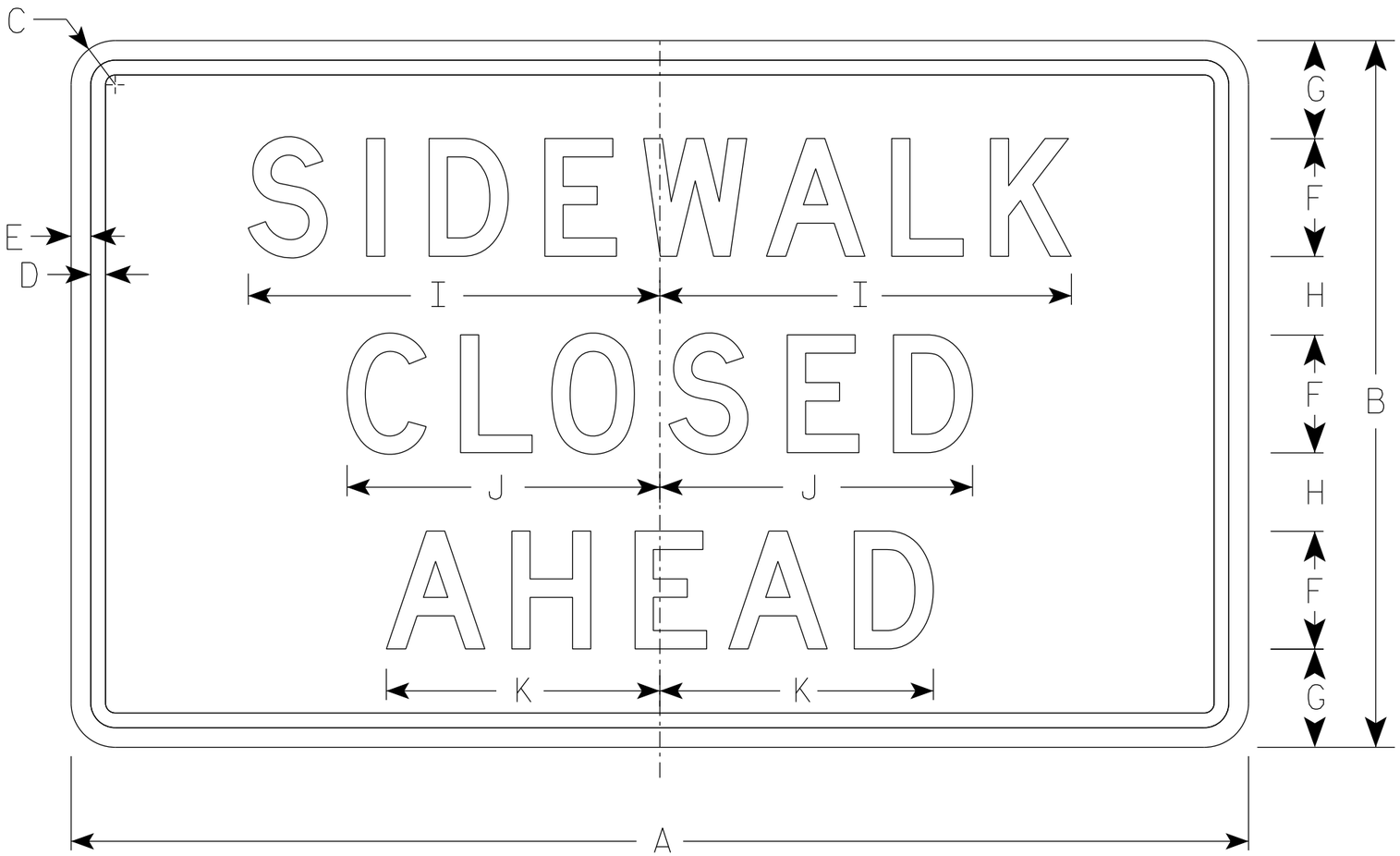
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9.7

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 386 | E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D



R9-9A

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	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
2M	30	18	1 ½	⅜	½	3	2 ½	2	10 ½	8	7																3.75
3																											
4																											
5																											

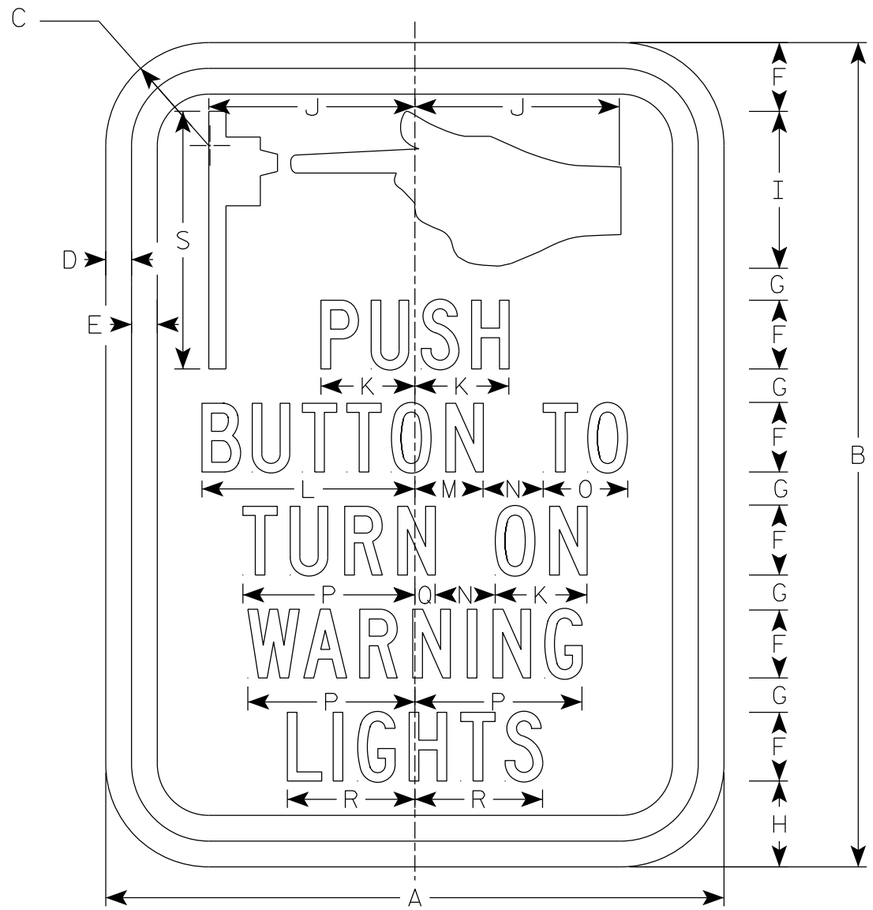
STANDARD SIGN
R9-9A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/24/24 PLATE NO. R9-9A.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 387 | E



R10-25

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Size (1) comes as a decal only.

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	6	9	1 1/2	3/8	3/8	3/4	3/8	1	1 3/4	2	7/8	2 1/8	5/8	5/8	7/8	1 5/8	1/4	1 1/4	2 7/8								.38
2S	9	12	1 1/2	3/8	3/8	1	1/2	1 1/4	2 1/4	3	1 3/8	3 1/8	1	7/8	1 1/4	2 1/2	1/4	1 7/8	3 3/4								.75
2M	9	12	1 1/2	3/8	3/8	1	1/2	1 1/4	2 1/4	3	1 3/8	3 1/8	1	7/8	1 1/4	2 1/2	1/4	1 7/8	3 3/4								.75
3																											
4																											
5																											

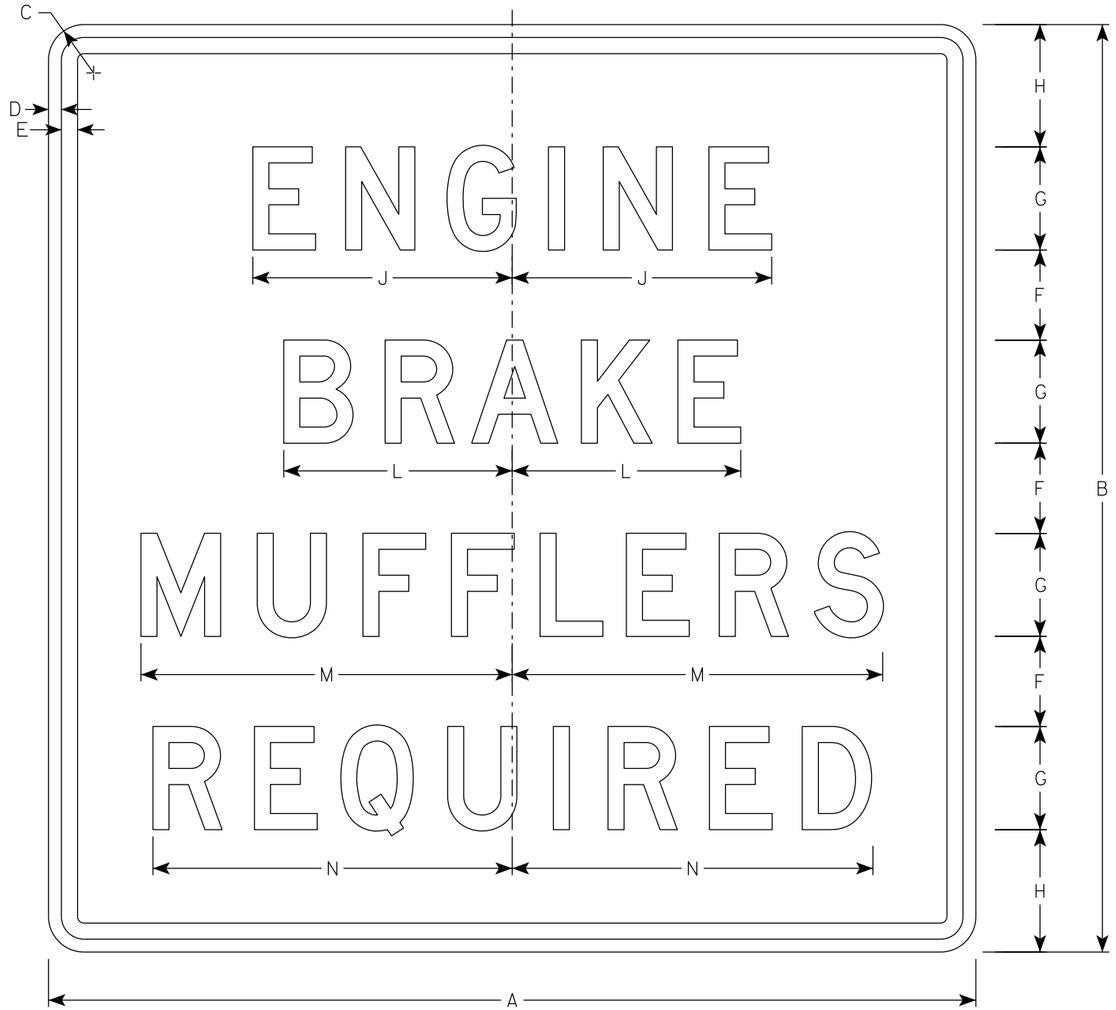
STANDARD SIGN
R10-25

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R10-25.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 388 | E



R10-64

NOTES

1. Signs are Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - D See note 5
4. Corners shall be rounded when base material is metal

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	36	2 1/4	1/2	5/8	3 1/2	4	4 3/4	2	10 1/8	3 1/2	8 7/8	14 3/8	14													9.0
2S	36	36	2 1/4	1/2	5/8	3 1/2	4	4 3/4	2	10 1/8	3 1/2	8 7/8	14 3/8	14													9.0
2M	36	36	2 1/4	1/2	5/8	3 1/2	4	4 3/4	2	10 1/8	3 1/2	8 7/8	14 3/8	14													9.0
3	42	42	1 7/8	1/2	5/8	4	5	5	3	12 5/8	4	11 1/8	18	17 3/8													12.25
4																											
5																											

STANDARD SIGN
R10-64

WISCONSIN DEPT OF TRANSPORTATION

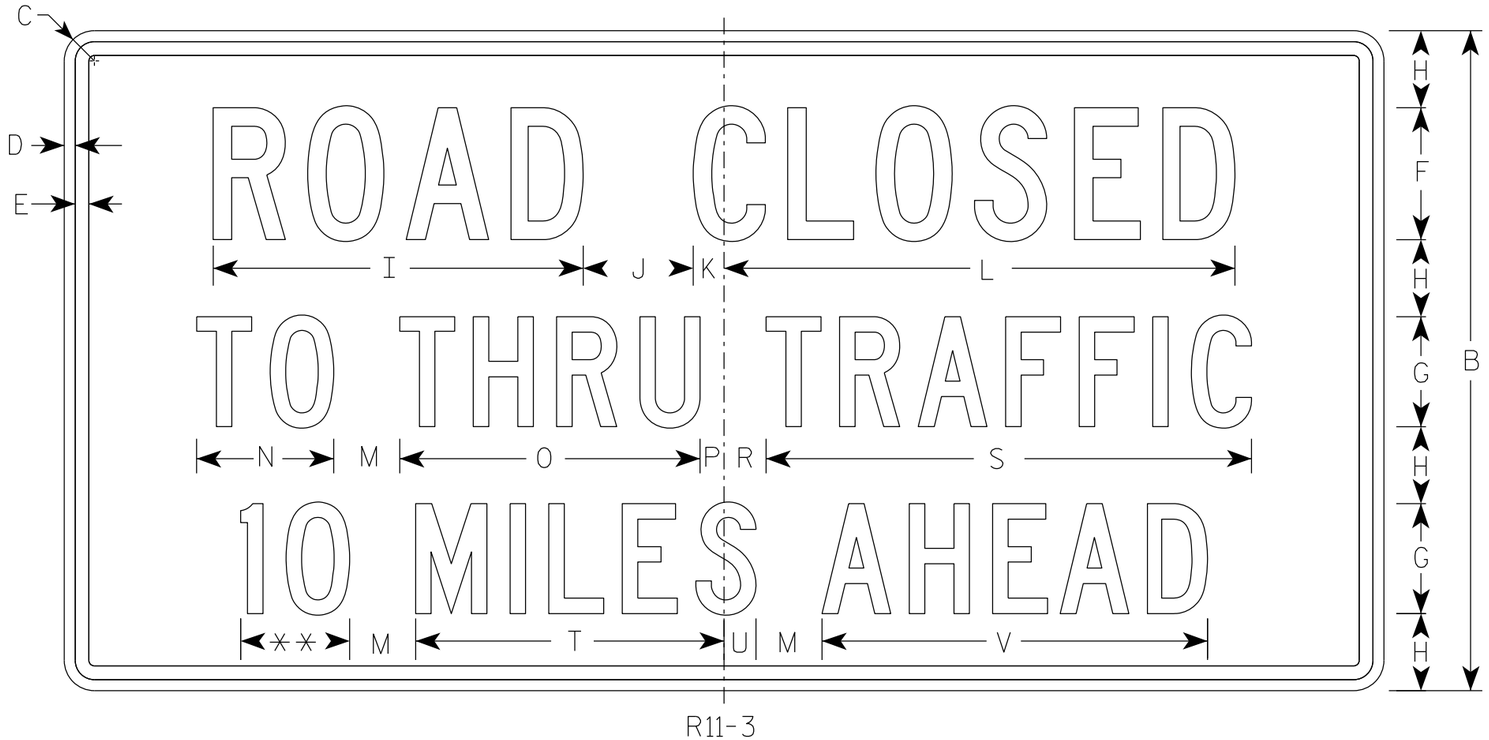
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R10-64.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 389	E

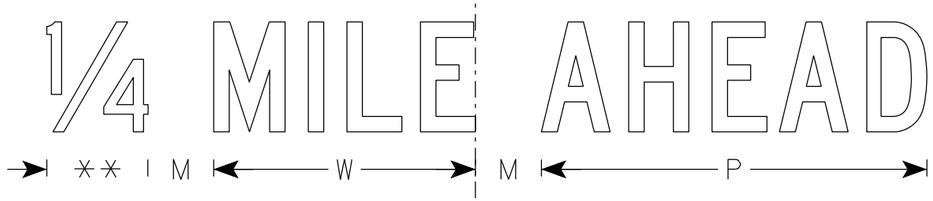
NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals to nearest quarter mile and optically adjust spacing to achieve proper balance.



R11-3

** See Note 5



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36	18	1 1/2	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																											

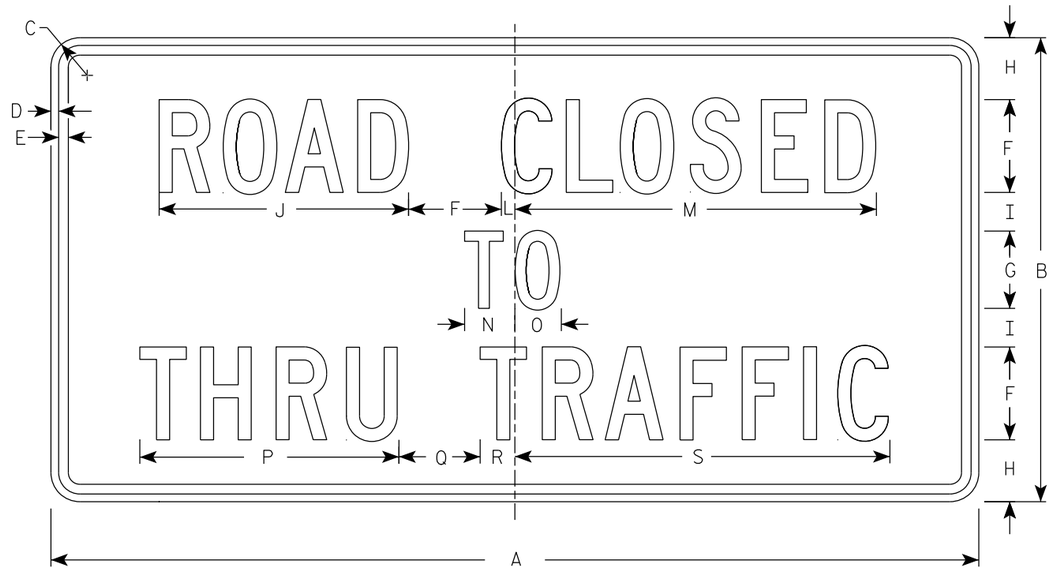
STANDARD SIGN
R11-3

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: 390 | E



R11-4

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.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
2M	60	30	1 7/8	1/2	5/8	6	5	4	2 1/2	16 1/8		7/8	23 3/8	3 1/4	3	16 3/4	5 1/4	2 1/4	24 1/4								12.5
3																											
4																											
5																											

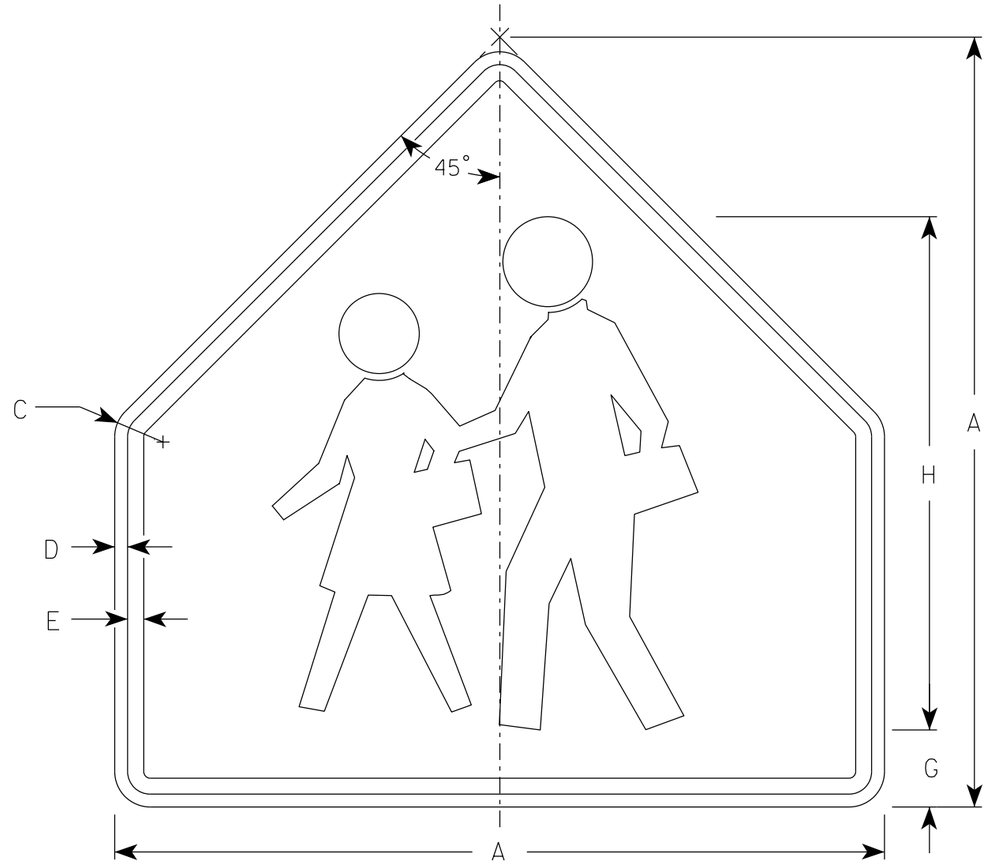
STANDARD SIGN
R11 - 4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/5/24 PLATE NO. R11-4.4

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 391 | E



S1-1

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8		3	20																			4.69
2S	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
2M	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
3	36		1 5/8	5/8	3/4		3 1/2	24																			6.75
4	48		1 7/8	3/4	1		4 3/4	32																			12
5																											

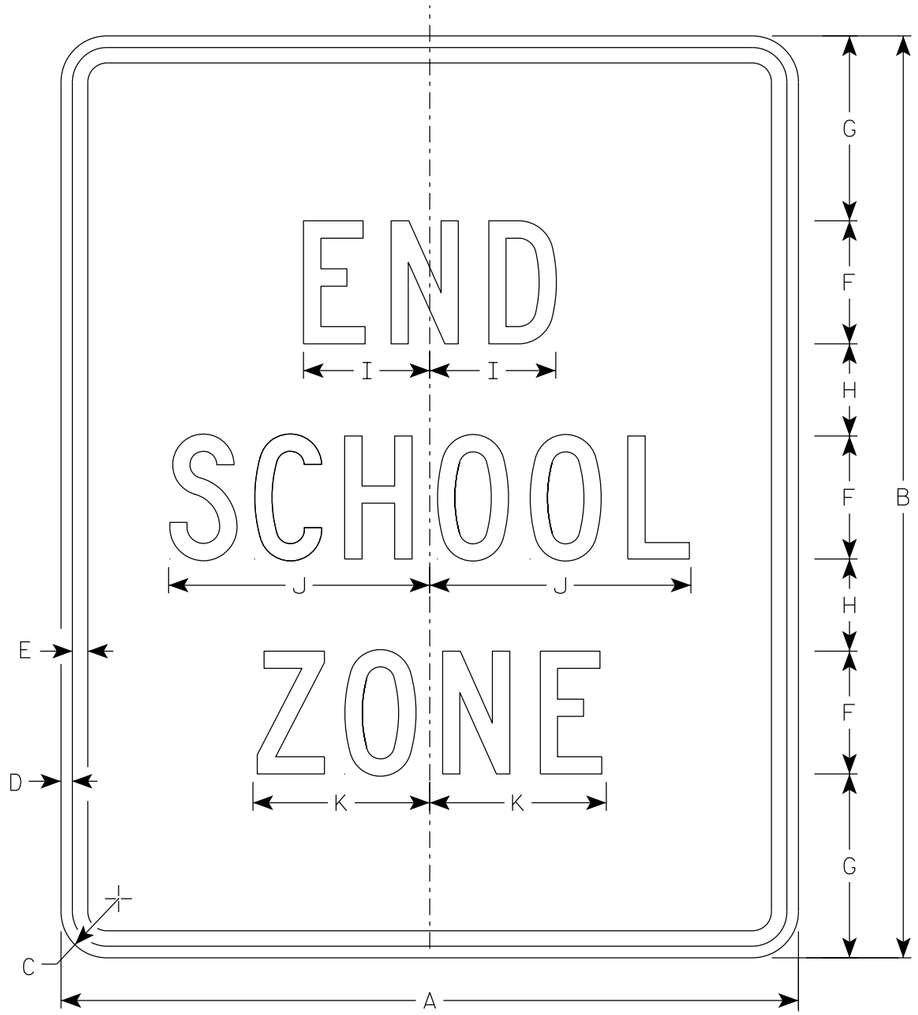
STANDARD SIGN
S1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/16/2023 PLATE NO. S1-1.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 392 E



S5-2

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
2M	24	30	1 1/2	3/8	1/2	4	6	3	4 1/8	8 1/2	5 3/4																5.0
3	36	42	1 7/8	5/8	3/4	6	7	5	6 1/8	12 5/8	8 5/8																10.5
4																											
5																											

STANDARD SIGN
S5-2

WISCONSIN DEPT OF TRANSPORTATION

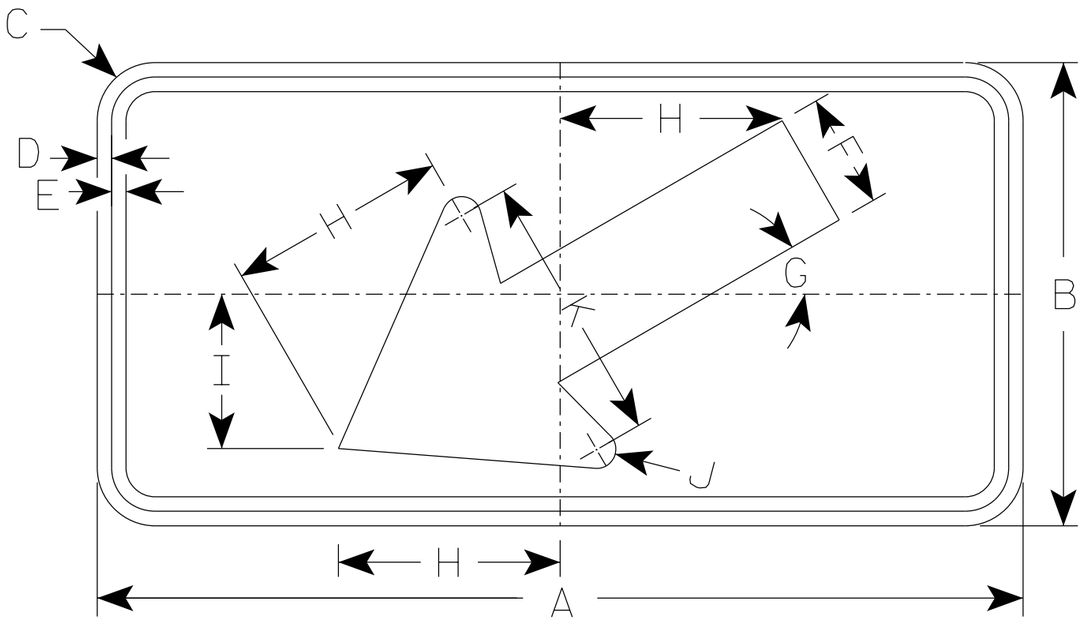
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/2023 PLATE NO. S5-2.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow-Green
   Message - Black
3. S16-7R is the same as S16-7L except the arrow is reversed along the vertical centerline.



S16-7L

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	12	1 ½	⅜	⅜	3	30°	5 ¾	4	½	7																2.0
2S	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
2M	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
3	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
4	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
5																											

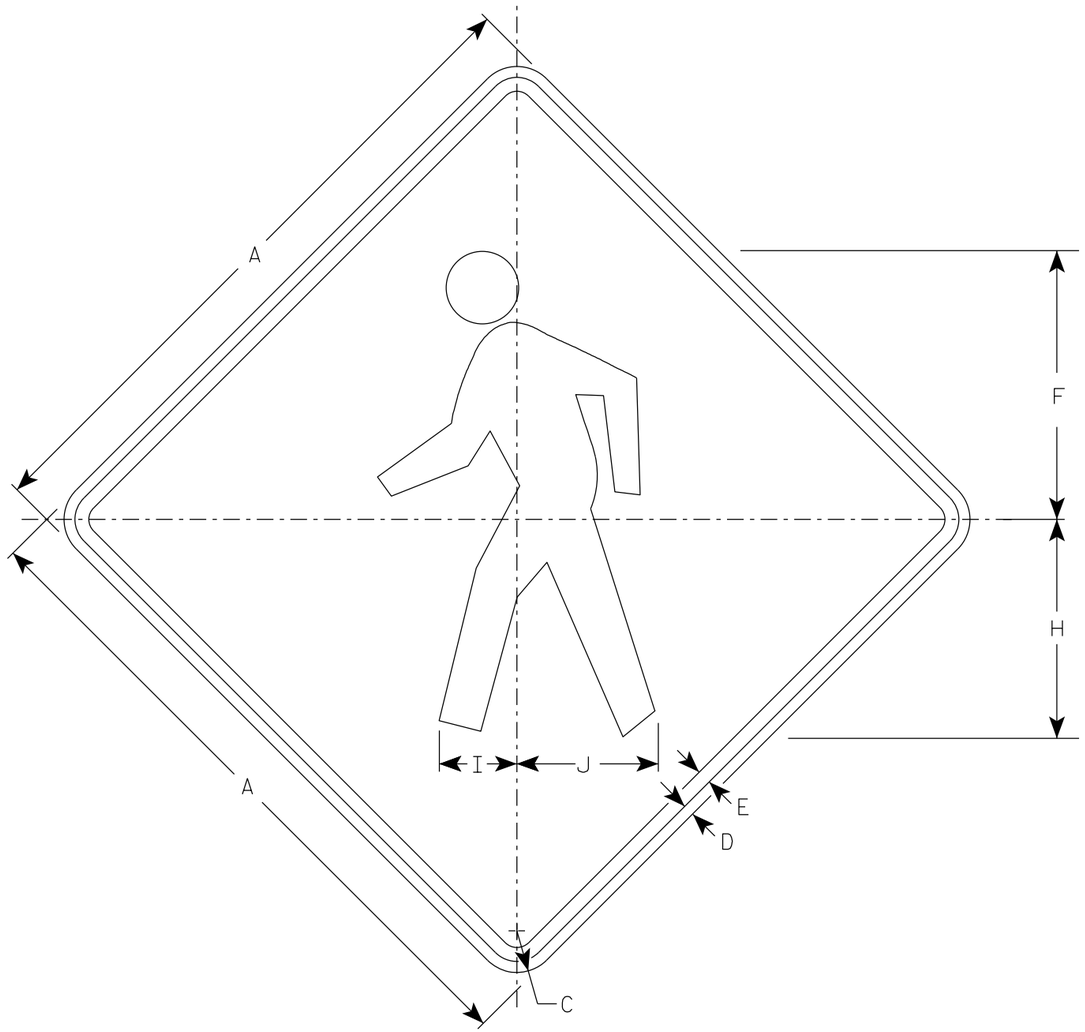
STANDARD SIGN
S16-7

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/23/2023 PLATE NO. S16-7.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 394 | E



W11-2

NOTES

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

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	9 3/4		7 7/8	2 7/8	5 1/8																	4.0
2S	30		1 7/8	1/2	5/8	12 1/8		9 7/8	3 1/2	6 3/8																	6.25
2M	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
3	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN

W11-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

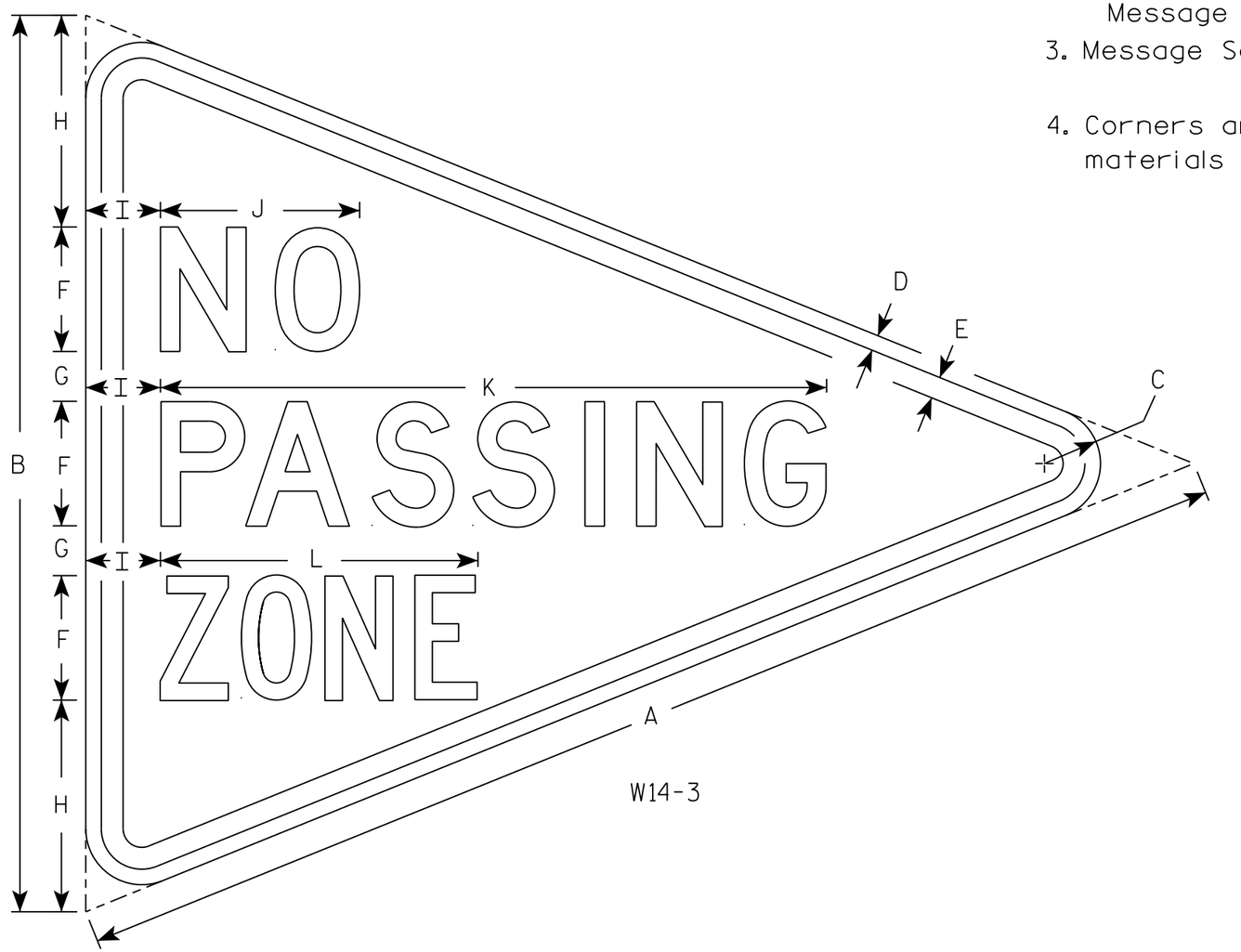
For State Traffic Engineer

DATE 6/15/2023 PLATE NO. W11-2.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 395 E

NOTES

1. Sign is Type II- Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - Lines 1 and 2 are Series D.
   Line 3 is series C.
4. Corners and borders shall be rounded on all base materials for this sign.



W14-3

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	48	36	2 1/4	5/8	7/8	5	2	8 1/2	3	8	26 3/4	12 3/4															5.56
2M																											
3																											
4																											
5																											

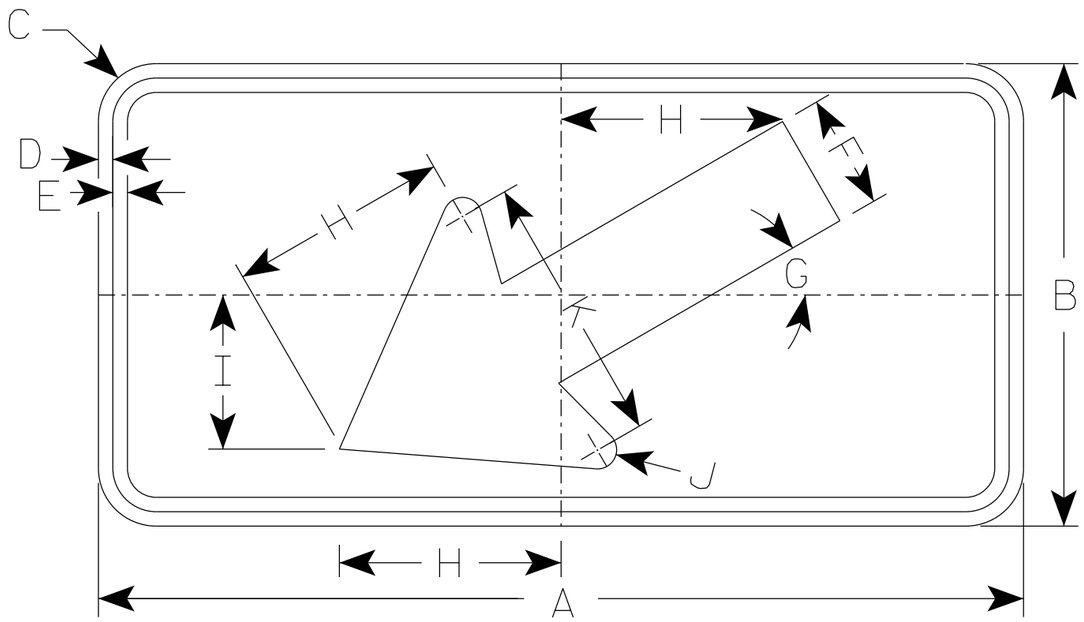
STANDARD SIGN
W14-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/21/17 PLATE NO. W14-3.10

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 396 | E



W16-7L

* For 36" x 36" Warning Signs, use 30" x 18" W16-7L signs.
* For 48" x 48" Warning Signs, use 48" x 24" W16-7L signs.

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Yellow
   Message - Black
3. W16-7R is the same as W16-7L except the arrow is reversed along the vertical centerline.

	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 ½	⅜	⅜	3	30°	5 ¾	4	½	7																2.0
*	2M	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
*	3	30	18	1 ½	⅜	½	4 ½	30°	8 ½	6	⅝	10 ¼																3.75
*	4	48	24	1 ⅞	½	⅝	6	30°	11 ½	8	1	14																8.0
	5																											

STANDARD SIGN
W16-7

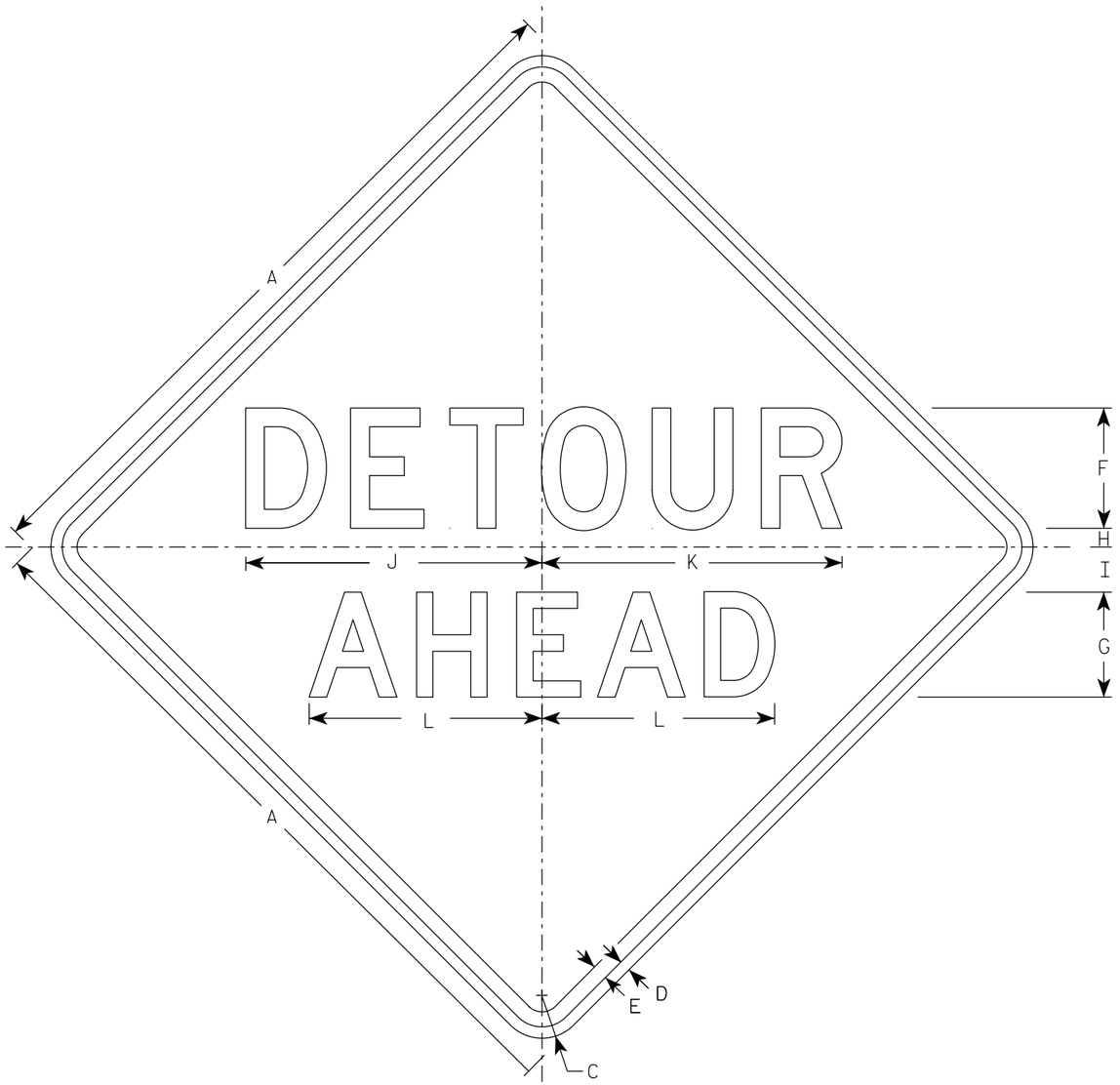
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

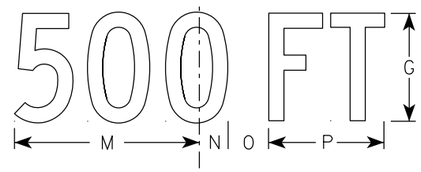
DATE 1/9/2024 PLATE NO. W16-7.9

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 397 E

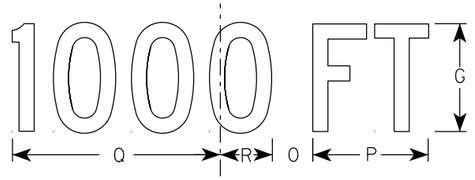
7



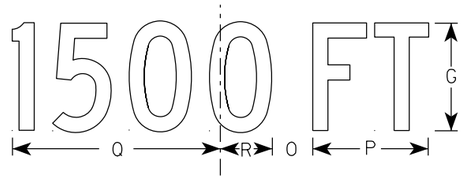
W20-2A



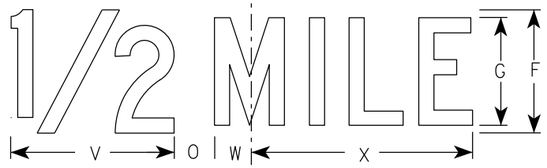
W20-2D



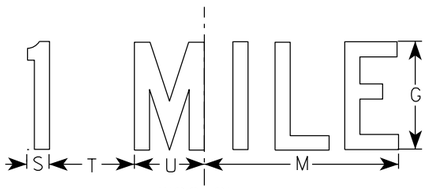
W20-2C



W20-2B



W20-2G



W20-2F

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. Line 1 is Series D.
   Line 2 is Series D for AHEAD and Series C for all other distances.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	6	5	1	2 1/4	14 3/4	15	11 5/8	9	1 3/8	1 7/8	5 5/8	10 1/8	2 1/2	1 1/8	4 1/2	3 1/2	8	1 3/4	10 3/4			9.0
2S	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
2M	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
3	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
4	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0
5	48		3	3/4	1	8	7	1 1/4	3	19 3/4	20	15 1/2	12	1 7/8	2 5/8	7 1/2	13 1/2	3 3/8	1 1/2	6	4 5/8	10 5/8	2 3/8	14 3/8			16.0

STANDARD SIGN
W20-2A,B,C,D,F & G

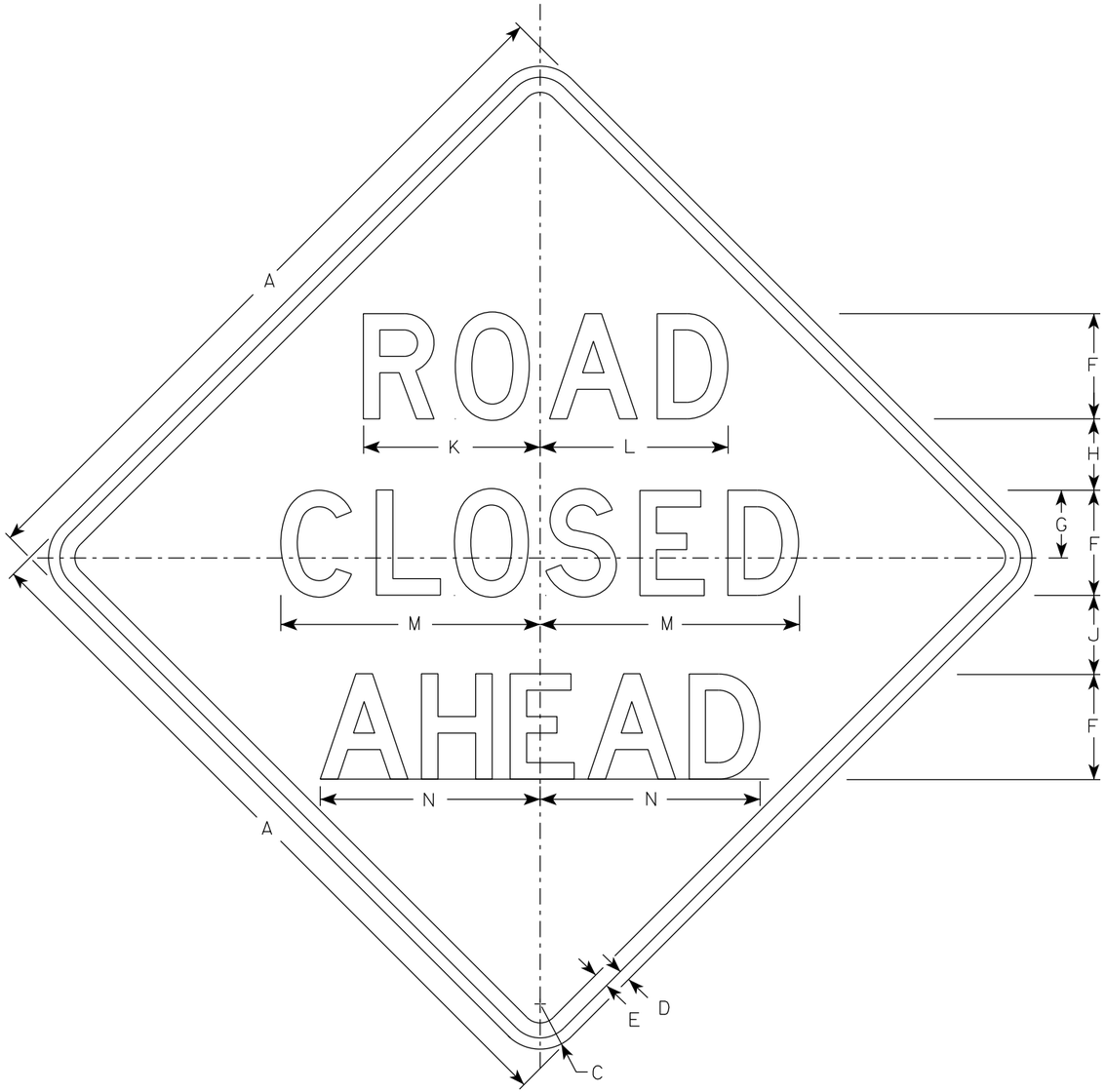
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

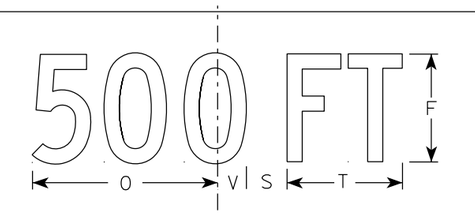
DATE 1/10/2024 PLATE NO. W20-2.7

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

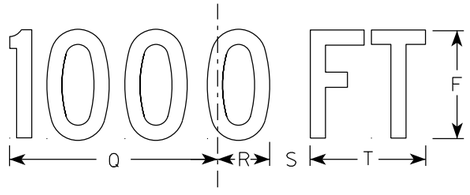
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W202.DGN PLOT DATE : 10-JAN 2024 11:36 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



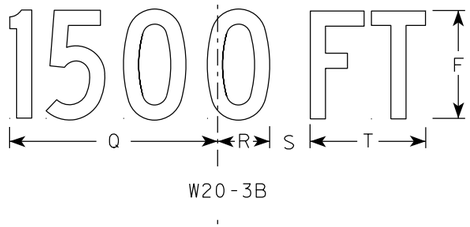
W20-3A



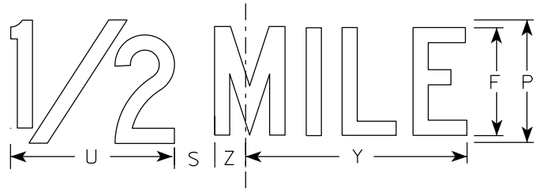
W20-3D



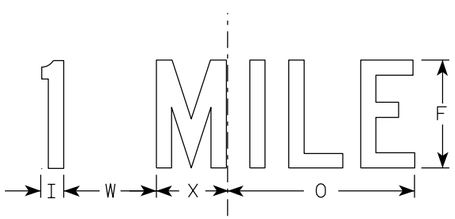
W20-3C



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

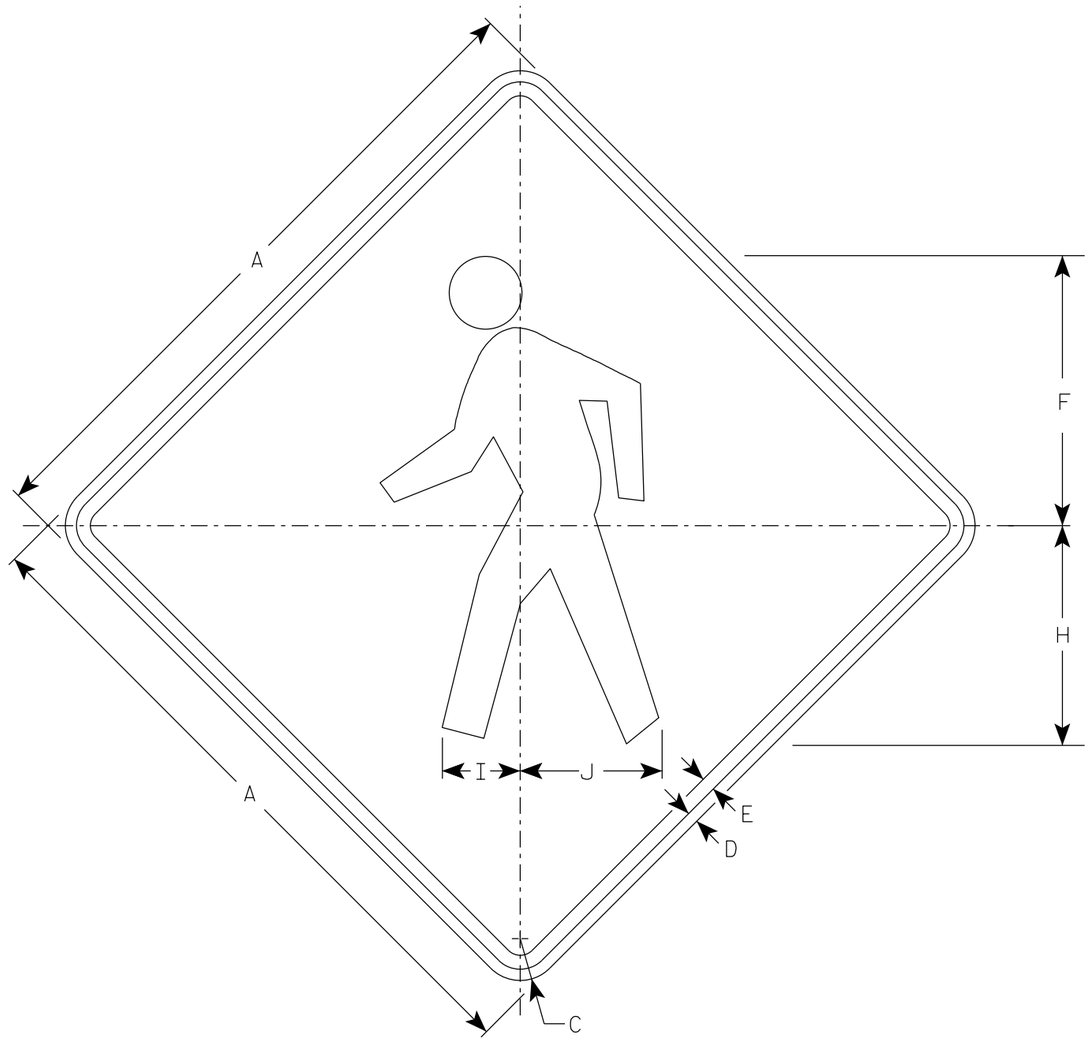
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-3.8

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W203.DGN PLOT DATE : 10-JAN 2024 12:02 PLOT BY : dotc4c PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42



WO11-2

NOTES

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

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	14 1/2		11 7/8	4 1/4	7 5/8																	9.0
2S	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
2M	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
3	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
4	48		3	3/4	1	19 3/8		15 3/4	5 5/8	10 1/4																	16.0
5																											

STANDARD SIGN

WO11-2

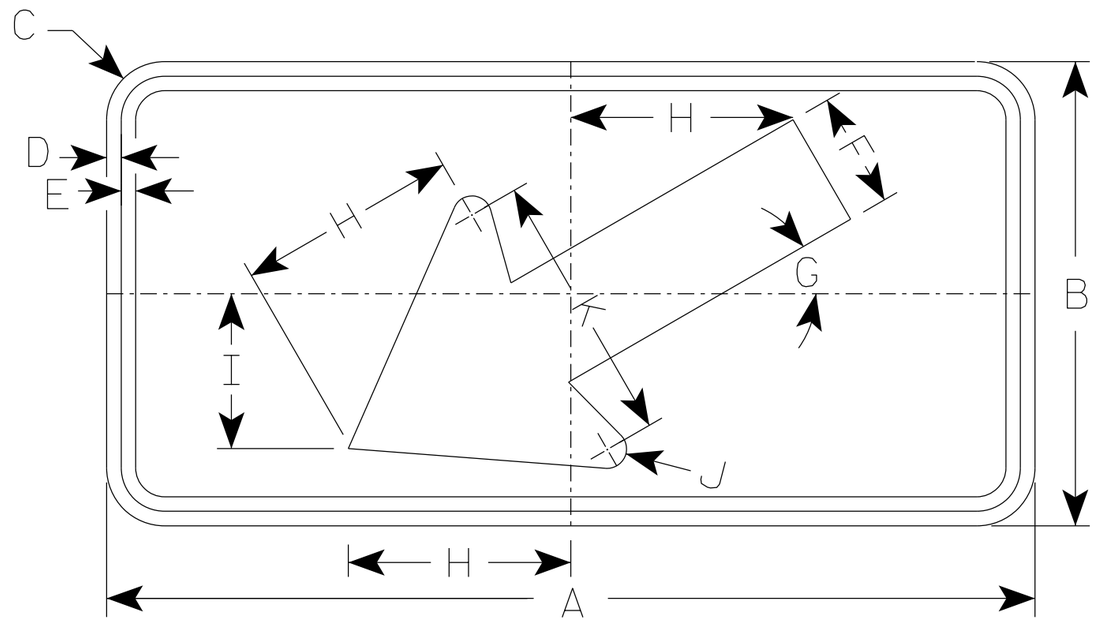
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

For State Traffic Engineer

DATE 2/1/2024 PLATE NO. WO11-2.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 400 | E



W016-7L

NOTES

1. Sign is Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Corners may be square or rounded but corners shall be rounded when base material is metal.
4. W016-7R is the same as W016-L except the arrow is reversed along the vertical centerline.

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	18	1 1/2	3/8	1/2	4 1/2	30°	8 1/2	6	5/8	10 1/4																3.75
2S	48	24	1 7/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
2M	48	24	1 7/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
3	48	24	1 7/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
4	48	24	1 7/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0
5	48	24	1 7/8	1/2	5/8	6	30°	11 1/2	8	1	14																8.0

STANDARD SIGN
W016-7

WISCONSIN DEPT OF TRANSPORTATION

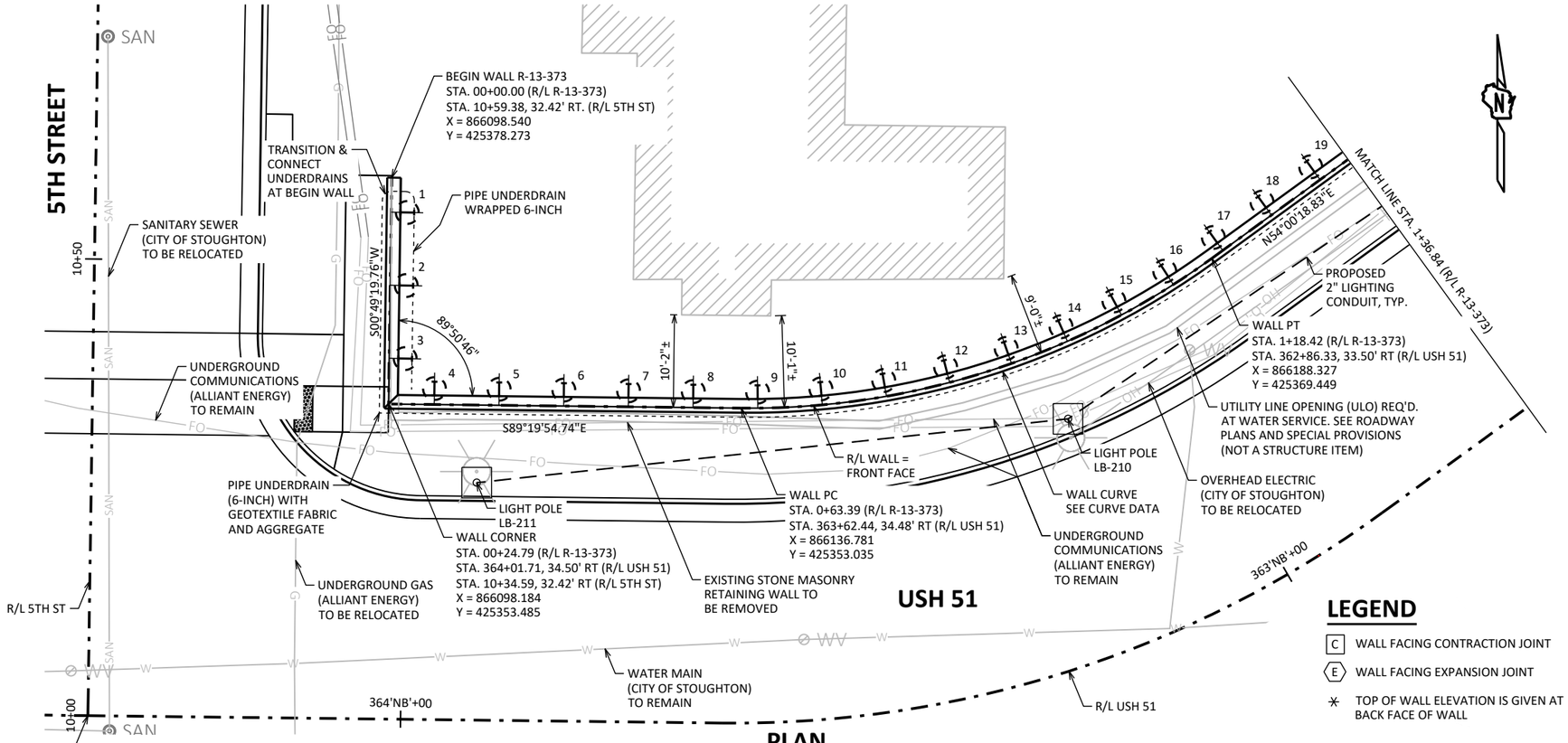
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/1/2024 PLATE NO. W016-7.3

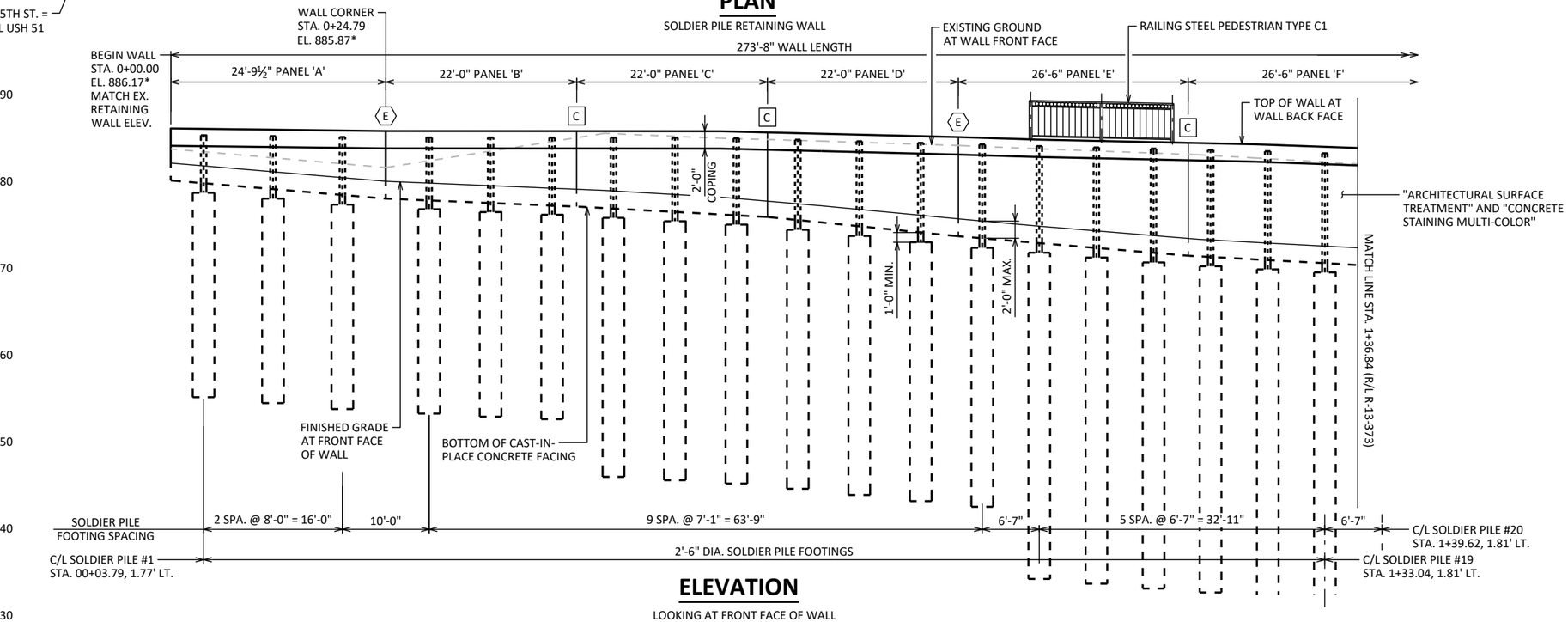
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 401 | E

STATE PROJECT NUMBER

5845-16-72



PLAN



ELEVATION

LOOKING AT FRONT FACE OF WALL
DIMENSIONS AND STATIONS ARE GIVEN ALONG R/L R-13-373

LEGEND

- C — WALL FACING CONTRACTION JOINT
- E — WALL FACING EXPANSION JOINT
- ✳ — TOP OF WALL ELEVATION IS GIVEN AT BACK FACE OF WALL

DESIGN DATA

LIVE LOAD:

LIVE LOAD SURCHARGE: 100 PSF

MATERIAL PROPERTIES:

CONCRETE MASONRY:
- RETAINING WALLS — f'_c = 4,000 PSI
- ALL OTHER — f'_c = 3,500 PSI

BAR STEEL REINFORCEMENT
- GRADE 60 — f_y = 60,000 PSI

HIGH STRENGTH STRUCTURAL STEEL:
- ASTM A709, GRADE 50 — f_y = 50,000 PSI

*TIMBER LAGGING:
- DOUGLAS FIR-LARCH NO. 1 — f_{bo} = 1,000 PSI, E = 1,700,000 PSI

* MATERIAL VALUES BASED ON DOUGLAS FIR-LARCH NO. 1 > 2" WIDE. REFERENCE AASHTO LRFD SPECIFICATION TABLE 8.4.1.1.4-1

LIST OF DRAWINGS

1. GENERAL PLAN & ELEVATION 1
2. GENERAL PLAN & ELEVATION 2
3. GENERAL NOTES & QUANTITIES
4. TYPICAL WALL SECTIONS
5. DATA TABLES & WALL DETAILS
6. WALL ELEVATION & REINFORCEMENT 1
7. WALL ELEVATION & REINFORCEMENT 2
8. WALL ELEVATION & REINFORCEMENT 3
9. WALL ELEVATION & REINFORCEMENT 4
10. RAILING STEEL PEDESTRIAN TYPE C1 DETAILS
11. RAILING STEEL PEDESTRIAN TYPE C1 ELEVATION
12. AESTHETIC WALL TREATMENT DETAILS
13. SUBSURFACE EXPLORATION

WISCONSIN
VINCENT J. DIFRANCES
E-45790
MILWAUKEE
WI
PROFESSIONAL ENGINEER
8/1/2024

STRUCTURE DESIGN CONTACTS:

VINCENT DIFRANCES 262-573-3864
AARON BONK 608-261-0261

NO.	DATE	REVISION	BY

JT ENGINEERING
REAL. TRUSTED. PROVEN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED SDR 09/30/24
CHIEF STRUCTURES DESIGN ENGINEER — DATE

STRUCTURE R-13-373

USH 51 & FIFTH ST.

COUNTY	CITY
DANE	STOUGHTON

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATION

DESIGNED BY	DESIGNED CK'D	DRAWN BY	PLANS CK'D
VJD	CJM	VJD	CJM

GENERAL PLAN & ELEVATION 1

SHEET 1 OF 13
402

SCALE = N.T.S.

I.D. 5845-16-02

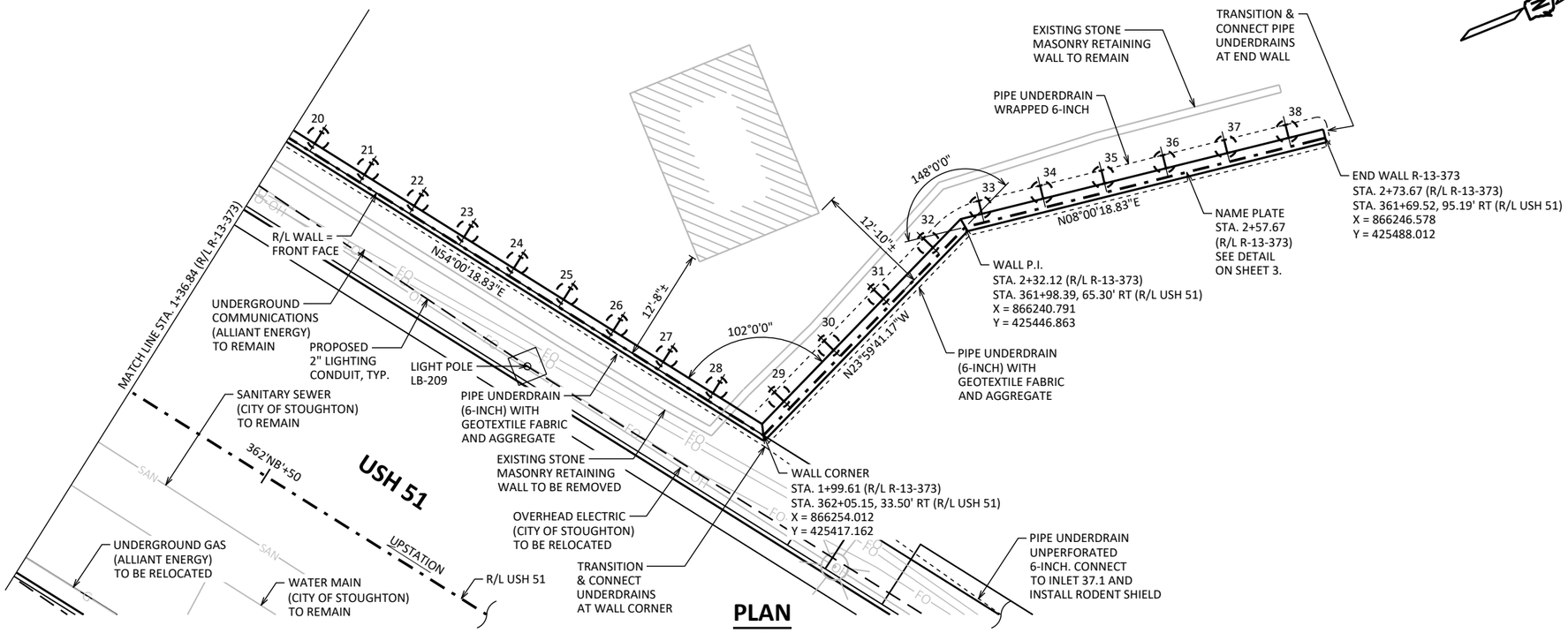
DATE: 08/01/2024

8

8

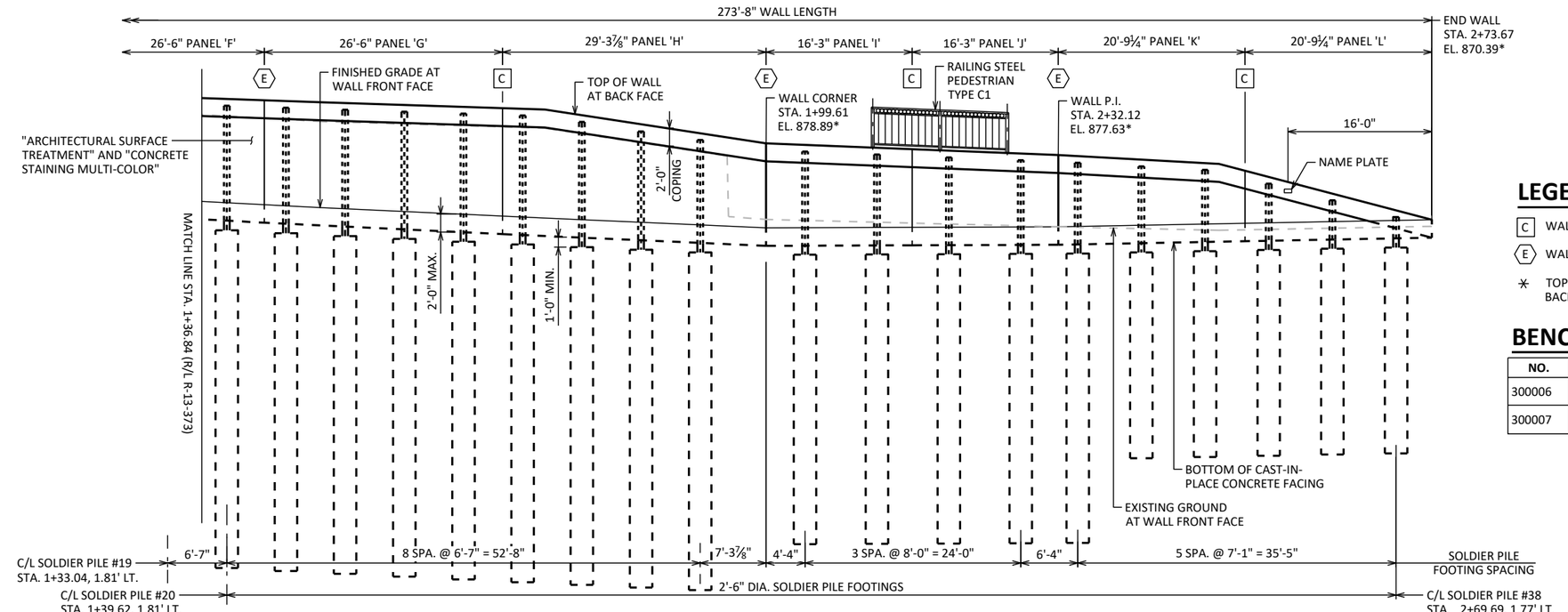
STATE PROJECT NUMBER

5845-16-72



PLAN

SOLDIER PILE RETAINING WALL



ELEVATION

LOOKING AT FRONT FACE OF WALL
DIMENSIONS AND STATIONS ARE GIVEN ALONG R/L R-13-373

LEGEND

- [C] WALL FACING CONTRACTION JOINT
- ⟨E⟩ WALL FACING EXPANSION JOINT
- ✳ TOP OF WALL ELEVATION IS GIVEN AT BACK FACE OF WALL

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
300006	364+75, 27' RT.	BM/NE BOLT	883.497
300007	360+48, 42' LT.	BM/NE BOLT	865.651

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

GENERAL PLAN & ELEVATION 2

SHEET 2 OF 13
403

SCALE = N.T.S.

8

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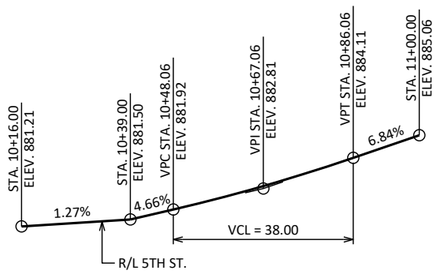
STATE PROJECT NUMBER

5845-16-72

TOTAL ESTIMATED QUANTITIES

BID ITEM NUMBER	BID ITEMS	UNIT	TOTALS
203.0220	REMOVING STRUCTURE RETAINING WALL	EACH	1
206.3001	EXCAVATION FOR STRUCTURES RETAINING WALLS R-13-373	EACH	1
210.1500	BACKFILL STRUCTURE TYPE A	TON	170
502.0110.S	CONCRETE MASONRY SOLDIER PILE FOOTINGS	CY	217
502.3200	PROTECTIVE SURFACE TREATMENT	SY	46
504.0500	CONCRETE MASONRY RETAINING WALLS	CY	116
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	16,440
506.0605	STRUCTURAL STEEL HS	LB	186,363
506.3010	WELDED STUD SHEAR CONNECTORS 7/8X5-INCH	EACH	394
513.8006	RAILING STEEL PEDESTRIAN TYPE C1	LF	274
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	SY	6
517.0601	PAINTING EPOXY SYSTEM R-13-373	EACH	1
517.1015.S	CONCRETE STAINING MULTI-COLOR R-13-373	SF	2,860
517.1050.S	ARCHITECTURAL SURFACE TREATMENT R-13-373	SF	2,320
612.0206	PIPE UNDERDRAIN UNPERFORATED 6-INCH	LF	160
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	LF	98
SPV.0075.01	OBSTRUCTIONS FOUNDATION DRILLING	HRS	10
SPV.0090.01	PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE	LF	274
SPV.0090.03	FOUNDATION DRILLING	LF	1,552
SPV.0110.01	TIMBER LAGGING	MBM	7
SPV.0165.01	GEOCOMPOSITE DRAIN BOARD	SF	2,760
	NON-BID ITEMS		
	PREFORMED JOINT FILLER	SIZE	¾"
	NON-BITUMINOUS JOINT SEALER	SIZE	1"
	NAME PLATE	EACH	1

ALL R-13-373 BID ITEMS ARE CATEGORY 0010

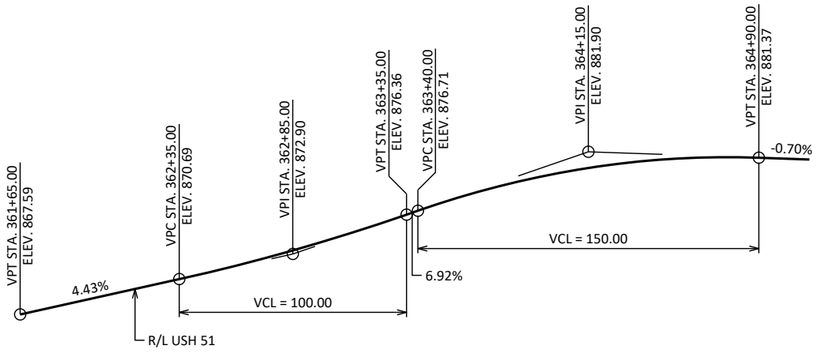


PROFILE GRADE LINE - R/L 5TH ST.

CURVE DATA

WALL CURVE
P.I. = STA. 0+91.88
Δ = 36°39'46" LT
D = 66°37'23"
T = 28.49'
L = 55.03'
R = 86.00'
P.C. = STA. 0+63.39
P.T. = STA. 1+18.42

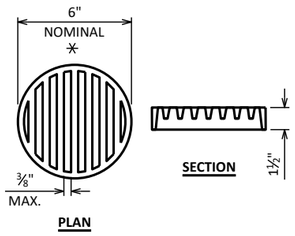
USH 51
P.I. = STA. 363'NB'+27.60
Δ = 36°39'46" RT
D = 48°32'54"
T = 39.92'
L = 77.11'
R = 120.50'
P.C. = STA. 362'NB'+87.68
P.T. = STA. 363'NB'+64.78



PROFILE GRADE LINE - R/L USH 51

SOLDIER PILE WALL ANALYSIS SOIL PARAMETERS

SOIL UNIT	TOTAL UNIT WEIGHT, PCF	UNDRAINED		DRAINED	
		COHESION, PSF	FRICTION ANGLE, DEG	COHESION, PSF	FRICTION ANGLE, DEG
GRANULAR BACKFILL	120	0	30	0	30
BORING RW-1					
COHESIVE FILL ABOVE EL. 880.00	120	800	0	0	28
GRANULAR FILL BELOW EL. 880.00	120	0	30	0	30
BORING RW-2					
COHESIVE FILL ABOVE EL. 877.00	120	800	0	0	28
GRANULAR FILL BELOW EL. 880.00	120	0	30	0	30



RODENT SHIELD DETAIL

✳ DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN UNPERFORATED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 X 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

WALL GEOMETRY TABLE

STATION	TOP OF WALL ELEVATION	FINISHED GRADE ELEVATION	EXISTING GROUND ELEVATION	R/L OFFSET (FT. RT.)
0+00.00	886.17	883.05	883.05	△ 32.42
0+24.79	885.87	880.08	881.56	34.50
0+50.00	885.85	879.03	885.78	34.50
0+63.39	885.84	878.26	885.30	34.48
0+75.00	885.55	877.26	885.23	34.26
0+90.91	885.16	875.74	884.59	33.96
1+00.00	884.88	874.92	884.09	33.80
1+18.42	884.48	873.41	883.38	33.50
1+25.00	884.34	873.04	883.10	33.50
1+50.00	883.46	871.73	881.61	33.50
1+75.00	882.65	870.57	879.38	33.50
1+99.61	878.89	869.48	870.42	33.50
2+32.12	877.63	869.60	869.60	65.30
2+50.00	876.60	869.94	869.21	78.16
2+73.67	870.39	870.39	869.65	95.19

△ OFFSET GIVEN FROM R/L 5TH ST

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BEVEL EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE SHOWN OR NOTED.

ALL DIMENSIONS ARE ALONG THE FRONT FACE OF WALL UNLESS OTHERWISE SHOWN OR NOTED.

THE EXISTING GROUND LINE SHALL BE USED AS THE UPPER LIMIT OF "EXCAVATION FOR STRUCTURE RETAINING WALLS R-13-373".

SEE SPECIAL PROVISIONS FOR AESTHETIC TREATMENT TO THE WALL.

IN CUT SECTIONS, BACKFILL ALL SPACES AT THE BACK FACE NOT OCCUPIED BY THE NEW STRUCTURE WITH FLOWABLE BACKFILL OR CONTROLLED LOW STRENGTH MATERIAL (CLSM). WHERE COMPACTION WITH SMALL WALK BEHIND EQUIPMENT AT THE BACK FACE OF THE WALL CAN REASONABLY BE ACCOMPLISHED AS DETERMINED BY THE ENGINEER, STRUCTURE BACKFILL IN ACCORDANCE WITH SECTION 210 OF THE STANDARD SPECIFICATIONS MAY BE USED AT THE CONTRACTOR'S OPTION. ALL BACKFILL MATERIAL AND WORK IN CUT SECTIONS IS INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS R-13-373".

IN FILL SECTIONS, THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED FOR WALL LENGTHS SHOWN IN THE PLANS. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURE. WHERE COMPACTION WITH SMALL WALK BEHIND EQUIPMENT AT THE BACK FACE OF THE WALL CANNOT BE REASONABLY ACCOMPLISHED, FLOWABLE BACKFILL OR CONTROLLED LOW STRENGTH MATERIAL (CLSM) MAY BE USED AS BACKFILL AT THE CONTRACTOR'S OPTION AND AS APPROVED BY THE ENGINEER. BACKFILL MATERIAL AND WORK IN FILL SECTIONS IS INCLUDED IN THE BID ITEM "BACKFILL STRUCTURE TYPE A".

REMOVAL OF THE EXISTING STONE MASONRY RETAINING WALL IS INCLUDED IN THE BID ITEM "REMOVING STRUCTURE RETAINING WALL".

ALL JOINTS IN THE CONCRETE COPING TO MATCH ALL WALL FACING EXPANSION AND CONTRACTION JOINT LOCATIONS.

PROTECTIVE SURFACE TREATMENT SHALL BE APPLIED TO THE TOP OF THE CONCRETE COPING.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

SOLDIER PILE WALL NOTES

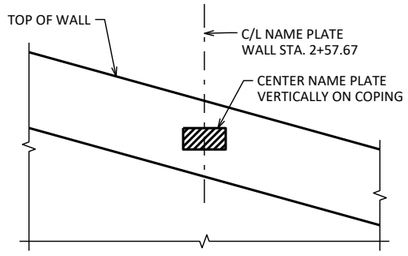
THE QUANTITY OF CAST-IN-PLACE CONCRETE MASONRY FOR THE SOLDIER PILE WALL COPING AND CAST-IN-PLACE CONCRETE FACING IS PAID FOR UNDER THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".

THE VOLUME OF EARTHWORK REQUIRED TO INSTALL THE SOLDIER PILES AND FOOTINGS IS INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURE RETAINING WALLS R-13-373". AFTER WALL SOLDIER PILE CONSTRUCTION HAS BEEN COMPLETED, ALL EARTHWORK IN FRONT OF THE RETAINING WALL IS PAID FOR UNDER THE ROADWAY ITEM "COMMON EXCAVATION". SEE ROADWAY PLAN FOR EXCAVATION LIMITS.

FLOWABLE BACKFILL AND CLSM ARE INCLUDED IN THE BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS R-13-373". SEE SPECIAL PROVISIONS FOR DESCRIPTION OF FLOWABLE BACKFILL AND CLSM.

PREPARE SURFACE AND PAINT SOLDIER PILES FROM TOP OF PILE TO 1'-0" BELOW TOP OF FOOTING WITH ONE COAT OF ZINC-RICH PRIMER AS SPECIFIED IN SECTION 517 OF THE STANDARD SPECIFICATIONS. WELDED STUD SHEAR CONNECTORS ARE NOT REQUIRED TO BE PAINTED. PAINTING OF PILES IS MEASURED AND PAID FOR UNDER BID ITEM "PAINTING EPOXY SYSTEM R-13-373".

FILL TO TOP OF SHAFT ELEVATION WHERE NEEDED TO PROVIDE WORKING SURFACE. FILL IS CONSIDERED INCIDENTAL TO BID ITEM "CONCRETE MASONRY SOLDIER PILE FOOTINGS".



NAME PLATE DETAIL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

GENERAL NOTES & QUANTITIES

SHEET 3 OF 13
404

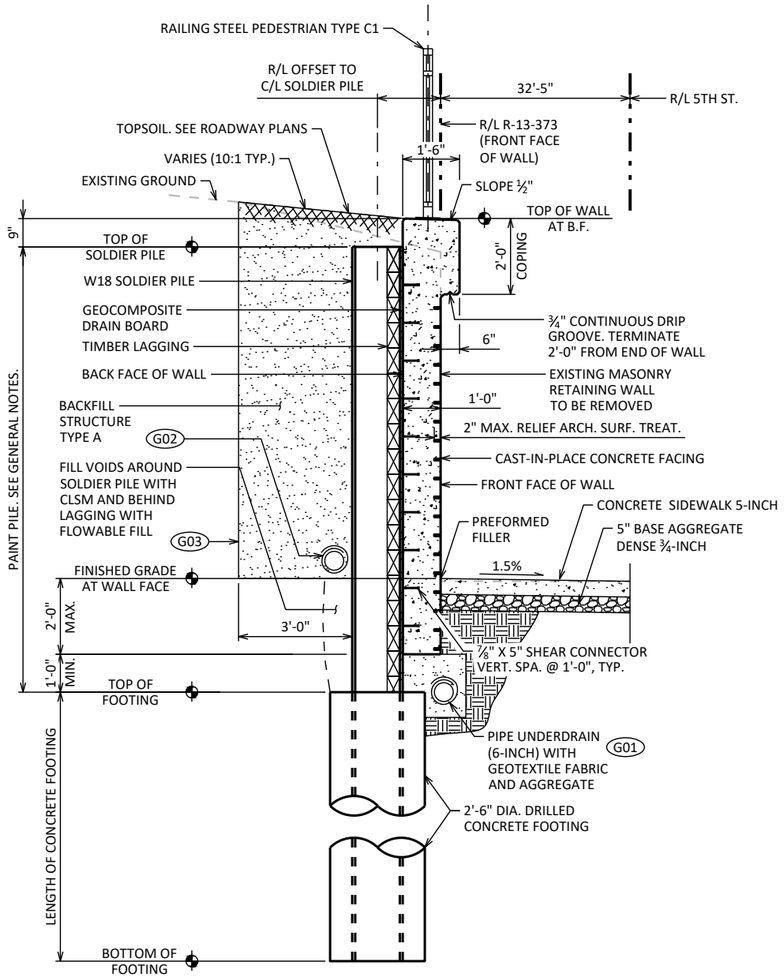
SCALE = N.T.S.

8

8

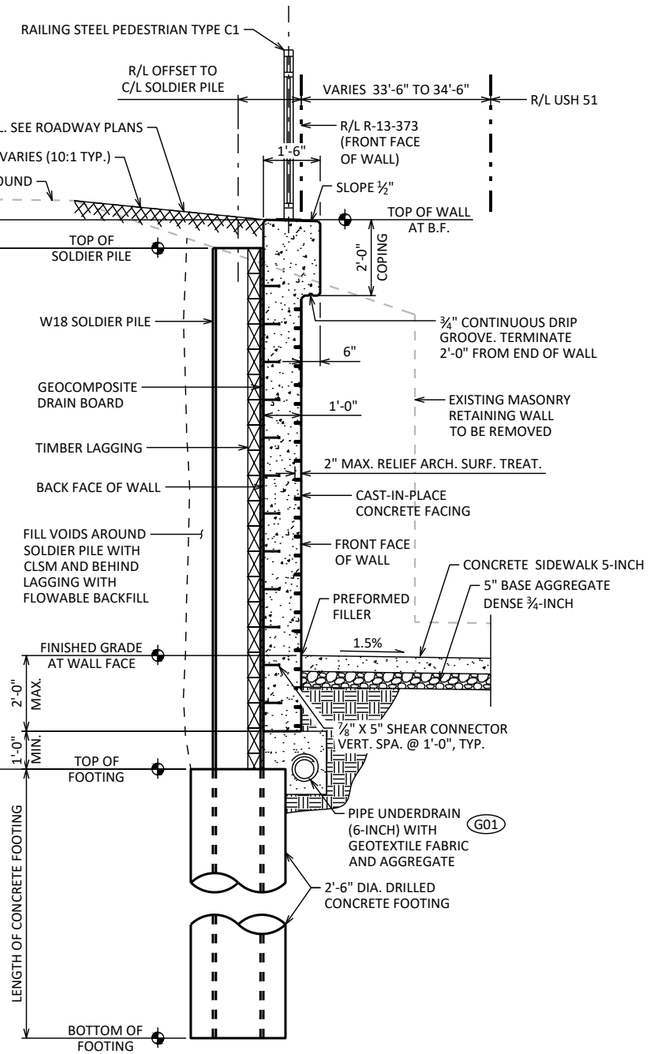
STATE PROJECT NUMBER

5845-16-72



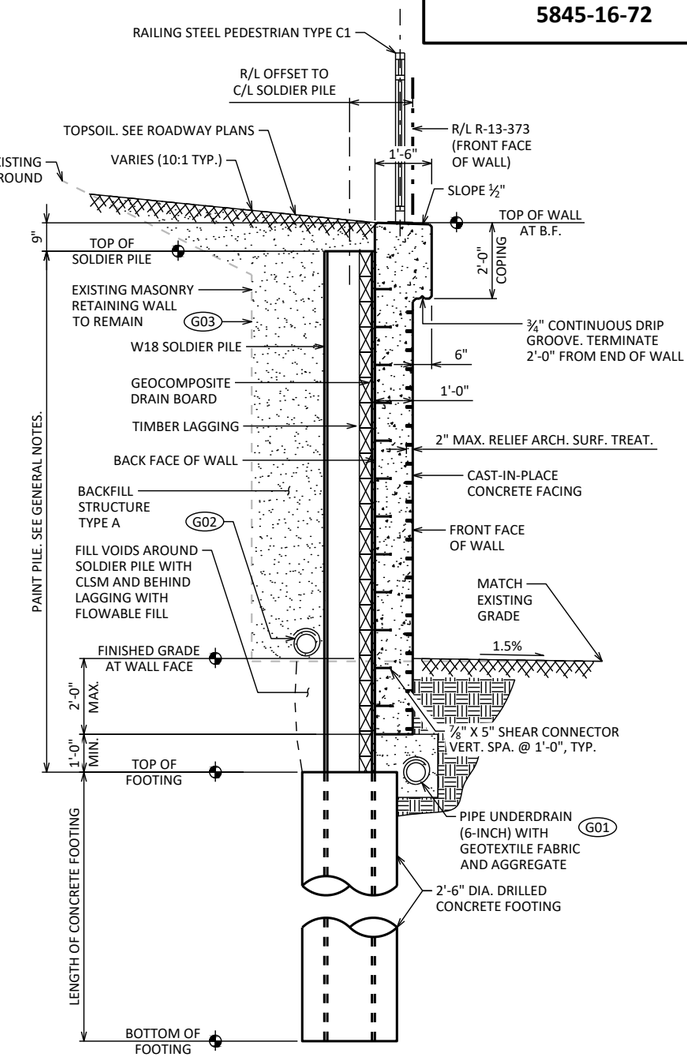
TYPICAL SECTION

STA. 0+00.00 TO STA. 0+24.79
(LOOKING SOUTH)



TYPICAL SECTION

STA. 0+24.79 TO STA. 1+99.61
(LOOKING EAST)



TYPICAL SECTION

STA. 1+99.61 TO STA. 2+73.67
(LOOKING NORTH)

LEGEND

(G01) ENCLOSE PIPE IN 1'-8" X 1'-8" AREA OF NO. 1 COARSE AGGREGATE WRAPPED IN GEOTEXTILE TYPE DF SCHEDULE B. PLACE AGGREGATE FLUSH AGAINST DRAIN BOARD. NO. 1 COARSE AGGREGATE AND GEOTEXTILE TYPE DF SCHEDULE B SHALL BE INCIDENTAL TO BID ITEM "PIPE UNDERDRAIN WRAPPED (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE". CONNECT PIPE UNDERDRAIN TO INLET 37.1 USING PIPE UNDERDRAIN 6-INCH UNPERFORATED PAID SEPARATELY UNDER BID ITEM "PIPE UNDERDRAIN UNPERFORATED 6-INCH". CONNECTION TO INLET SHALL BE INCIDENTAL TO BID ITEM "PIPE UNDERDRAIN UNPERFORATED 6-INCH".

(G02) "PIPE UNDERDRAIN WRAPPED (6-INCH)". SLOPE 0.5% MIN. AND CONNECT TO "PIPE UNDERDRAIN (6-INCH) WITH GEOTEXTILE FABRIC AND AGGREGATE" AT THE LOCATIONS SHOWN ON THE GENERAL PLAN AND ELEVATION SHEETS.

(G03) BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL PAY LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

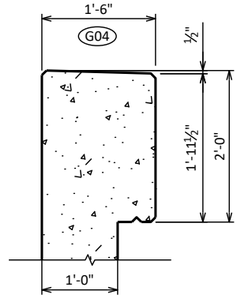
(G04) COAT WITH "PROTECTIVE SURFACE TREATMENT" AS PER THE STANDARD SPECIFICATIONS.

NOTES

SEE "DATA TABLES & WALL DETAILS" SHEET FOR BOTTOM OF FOOTING, TOP OF FOOTING, FINISHED GRADE AT WALL FACE, TOP OF SOLDIER PILE, AND TOP OF WALL ELEVATIONS.

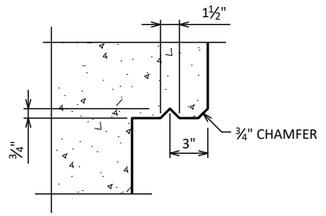
PAYMENT FOR CONTROLLED LOW STRENGTH MATERIAL (CLSM) TO FILL HOLES FROM TOP OF FOOTING TO EXISTING GROUND IS INCLUDED IN BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS R-13-373".

PAYMENT FOR FLOWABLE BACKFILL TO FILL VOIDS BEHIND LAGGING IS INCLUDED IN BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS R-13-373"



SECTION THRU COPING

SHOWING LIMITS OF PROTECTIVE SURFACE TREATMENT
RAILING NOT SHOWN FOR CLARITY



CONTINUOUS DRIP GROOVE DETAIL

TERMINATE 2'-0" FROM ENDS OF WALL

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

TYPICAL WALL SECTIONS

SHEET 4 OF 13
405

SCALE = N.T.S.

8

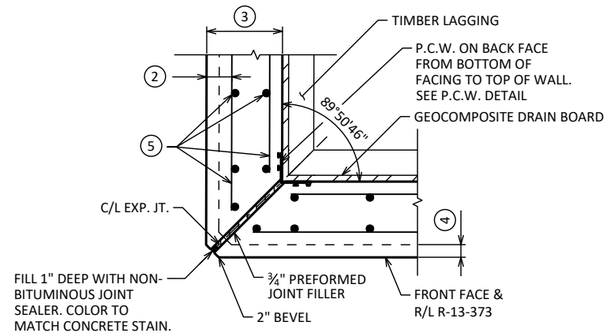
8

STATE PROJECT NUMBER
5845-16-72

SOLDIER PILE DATA TABLE

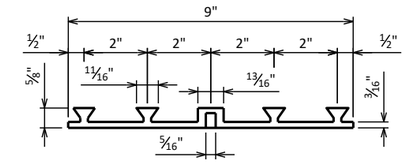
✳ ELEVATION IS GIVEN AT BACK FACE OF WALL. SLOPE TOP OF WALL ½"

PILE NO.	WALL R/L STA.	OFFSET LT.	APPROX. EXISTING GRADE	FINISHED GRADE AT WALL FACE	FINISHED GRADE TOP OF WALL	FOUNDATION DRILLING LENGTH	TOP OF WALL ELEVATION *	TOP OF SOLDIER PILE ELEVATION	TOP OF FOOTING ELEVATION	BOTTOM OF FOOTING ELEVATION	FOOTING DIAMETER	SOLDIER PILE SECTION	SOLDIER PILE LENGTH	NO. SHEAR STUDS REQ'D
1	0+03.79	1'-9¼"	886.31	881.87	886.12	30.80	886.12	885.37	878.75	855.20	2'-6"	W18X71	30.17	6
2	0+11.79	1'-9¼"	886.07	881.23	886.03	31.24	886.03	885.28	878.08	854.53	2'-6"	W18X71	30.75	7
3	0+19.79	1'-9¼"	885.71	880.58	885.93	31.56	885.93	885.18	877.40	853.85	2'-6"	W18X71	31.33	7
4	0+29.79	1'-9¼"	886.24	879.95	885.87	32.62	885.87	885.12	876.87	853.32	2'-6"	W18X71	31.80	8
5	0+36.88	1'-9¼"	887.21	879.65	885.86	33.93	885.86	885.11	876.53	852.98	2'-6"	W18X71	32.13	8
6	0+43.96	1'-9¼"	886.42	879.32	885.85	33.44	885.85	885.10	876.23	852.68	2'-6"	W18X71	32.42	8
7	0+51.04	1'-9⅜"	886.21	878.97	885.85	39.35	885.85	885.10	875.86	846.03	2'-6"	W18X106	39.07	9
8	0+58.13	1'-9⅜"	885.89	878.60	885.84	39.41	885.84	885.09	875.48	845.65	2'-6"	W18X106	39.44	9
9	0+65.21	1'-9⅜"	885.53	878.12	885.79	39.44	885.79	885.04	875.09	845.26	2'-6"	W18X106	39.78	9
10	0+72.29	1'-9⅜"	885.62	877.50	885.62	40.13	885.62	884.87	874.49	844.66	2'-6"	W18X106	40.21	10
11	0+79.37	1'-9⅜"	885.47	876.84	885.44	40.69	885.44	884.69	873.78	843.95	2'-6"	W18X106	40.74	10
12	0+86.46	1'-9⅜"	885.13	876.16	885.27	41.07	885.27	884.52	873.06	843.23	2'-6"	W18X106	41.29	11
13	0+93.54	1'-9⅜"	884.51	875.50	885.08	41.10	885.08	884.33	872.41	842.58	2'-6"	W18X106	41.75	11
14	1+00.13	1'-9¾"	884.71	874.91	884.88	49.11	884.88	884.13	871.85	834.27	2'-6"	W18X143	49.86	12
15	1+06.71	1'-9¾"	884.66	874.34	884.73	49.61	884.73	883.98	871.30	833.72	2'-6"	W18X143	50.26	12
16	1+13.29	1'-9¾"	884.22	873.79	884.59	49.74	884.59	883.84	870.73	833.15	2'-6"	W18X143	50.69	13
17	1+19.87	1'-9¾"	883.96	873.32	884.45	49.92	884.45	883.70	870.29	832.71	2'-6"	W18X143	50.99	13
18	1+26.46	1'-9¾"	884.01	872.96	884.29	50.33	884.29	883.54	869.93	832.35	2'-6"	W18X143	51.19	13
19	1+33.04	1'-9¾"	883.53	872.60	884.06	50.21	884.06	883.31	869.57	831.99	2'-6"	W18X143	51.32	13
20	1+39.62	1'-9¾"	883.25	872.25	883.83	50.28	883.83	883.08	869.22	831.64	2'-6"	W18X143	51.44	13
21	1+46.20	1'-9¾"	883.38	871.92	883.59	50.75	883.59	882.84	868.88	831.30	2'-6"	W18X143	51.54	13
22	1+52.79	1'-9¾"	882.33	871.59	883.37	50.02	883.37	882.62	868.56	830.98	2'-6"	W18X143	51.64	14
23	1+59.37	1'-9¾"	882.49	871.28	883.16	50.49	883.16	882.41	868.25	830.67	2'-6"	W18X143	51.74	14
24	1+65.95	1'-9¾"	882.29	870.98	882.94	50.60	882.94	882.19	867.94	830.36	2'-6"	W18X143	51.83	14
25	1+72.54	1'-9¾"	880.89	870.68	882.73	49.51	882.73	881.98	867.63	830.05	2'-6"	W18X143	51.93	14
26	1+79.12	1'-9¾"	878.93	870.36	882.02	47.84	882.02	881.27	867.34	829.76	2'-6"	W18X143	51.51	13
27	1+85.70	1'-9¾"	878.35	870.10	881.02	47.55	881.02	880.27	867.05	829.47	2'-6"	W18X143	50.80	13
28	1+92.29	1'-9¾"	877.71	869.81	880.01	47.21	880.01	879.26	866.75	829.17	2'-6"	W18X143	50.09	12
29	2+03.94	1'-9⅜"	870.87	869.50	878.72	34.63	878.72	877.97	866.49	834.29	2'-6"	W18X106	43.68	11
30	2+11.94	1'-9⅜"	870.43	869.53	878.41	34.16	878.41	877.66	866.52	834.32	2'-6"	W18X106	43.34	11
31	2+19.94	1'-9⅜"	869.74	869.56	878.10	33.44	878.10	877.35	866.55	834.35	2'-6"	W18X106	43.00	10
32	2+27.94	1'-9⅜"	869.85	869.58	877.79	33.52	877.79	877.04	866.58	834.38	2'-6"	W18X106	42.66	10
33	2+34.29	1'-9⅜"	869.71	869.64	877.51	33.34	877.51	876.76	866.62	834.42	2'-6"	W18X106	42.34	10
34	2+41.36	1'-9¼"	869.59	869.78	877.10	24.34	877.10	876.35	866.75	843.85	2'-6"	W18X71	32.50	9
35	2+48.44	1'-9¼"	869.38	869.91	876.69	23.99	876.69	875.94	866.89	843.99	2'-6"	W18X71	31.95	9
36	2+55.53	1'-9¼"	869.44	870.05	875.15	23.92	875.15	874.40	867.02	844.12	2'-6"	W18X71	30.28	7
37	2+62.62	1'-9¼"	869.27	870.18	873.29	23.61	873.29	872.54	867.16	844.26	2'-6"	W18X71	28.28	5
38	2+69.69	1'-9¼"	869.70	870.31	871.44	23.91	871.44	870.69	867.29	844.39	2'-6"	W18X71	26.30	3



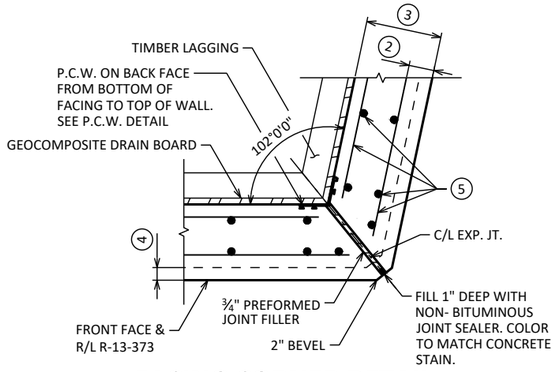
FACING CORNER DETAIL

AT FACING EXPANSION JOINT
WALL STA. 0+24.79



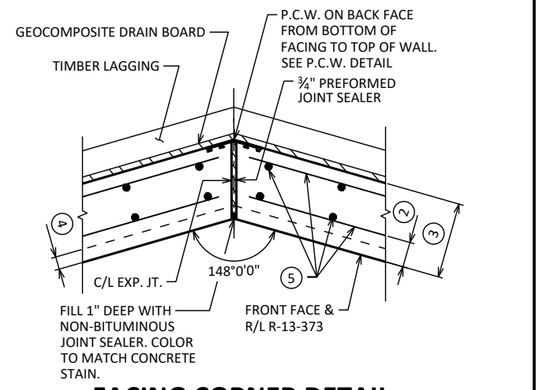
P.C.W. "TYPE B" DETAIL

(POLYVINYL CHLORIDE WATERSTOP)
INCLUDED IN BID ITEM "CONCRETE MASONRY RETAINING WALLS"
P.C.W. SHALL BE BUTT SPLIED AT ANY INTERSECTIONS BY USING A HEATED SPLICING IRON. HOLD P.C.W. FLUSH WITH CONCRETE. SEAL ALL VERTICAL END OF P.C.W. WITH NON-STAINING BITUMINOUS JOINT SEALER



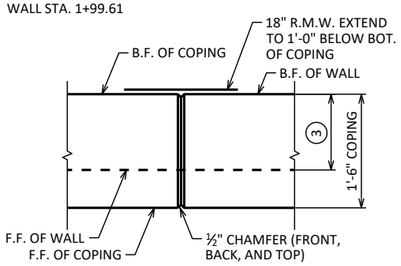
FACING CORNER DETAIL

AT FACING EXPANSION JOINT
WALL STA. 1+99.61



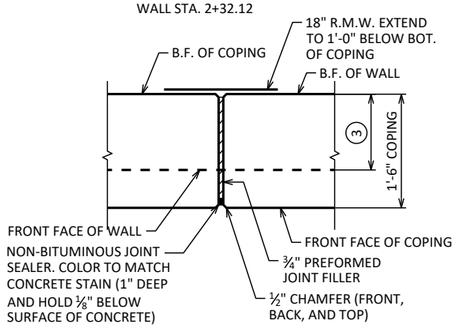
FACING CORNER DETAIL

AT FACING EXPANSION JOINT
WALL STA. 2+32.12



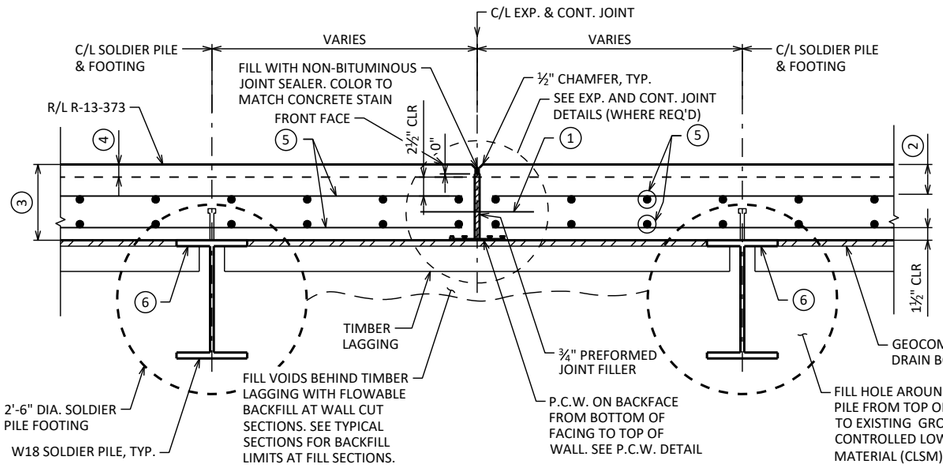
COPING CONTRACTION JOINT DETAIL

(DO NOT RUN BAR STEEL THRU JOINT)



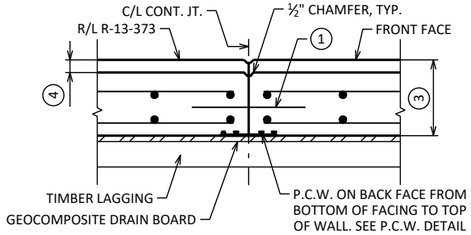
COPING EXPANSION JOINT DETAIL

GEOMETRY TO MATCH FACING CORNERS AT EXPANSION JOINTS AS SHOWN



SOLDIER PILE & WALL SECTION PLAN

(SEE GENERAL PLAN & ELEVATION SHEETS FOR LOCATION OF CONTRACTION AND EXPANSION JOINTS)



FACING CONTRACTION JOINT DETAIL

NOTES

ALL DIMENSIONS AND ELEVATIONS GIVEN IN FEET.

FOUNDATION DRILLING LENGTH BASED ON ELEVATION 9" BELOW TOP OF SOLDIER PILE OR EXISTING GRADE (WHEN EXIST. GRADE IS MORE THAN 9" LOWER THAN THE TOP OF SOLDIER PILE) TO THE BOTTOM OF FOOTING.

PAYMENT FOR CONTROLLED LOW STRENGTH MATERIAL (CLSM) TO FILL HOLES FROM TOP OF FOOTING TO EXISTING GROUND IS INCLUDED IN BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS R-13-373".

PAYMENT FOR FLOWABLE BACKFILL TO FILL VOIDS BEHIND LAGGING IS INCLUDED IN BID ITEM "EXCAVATION FOR STRUCTURES RETAINING WALLS R-13-373"

LEGEND

1. ¾" DIA. X 1'-6" SMOOTH EPOXY COARED DOWEL BARS PLACED AT 2'-0" CENTERS MID-DEPTH IN THE WALL. DOWELS SHALL BE LIGHTLY COATED WITH A DEBONDING SURFACE TREATMENT OVER ½ OF THE DOWEL LENGTH. EMBED 9" INTO ADJACENT WALL. DOWELS INCLUDED IN THE BID ITEM "CONCRETE MASONRY RETAINING WALLS".
2. 4½" CLEAR FROM MAX. WALL THICKNESS.
3. 1'-0". INCLUDES 2" ARCHITECTURAL RELIEF.
4. 2" MAX RELIEF. SEE AESTHETIC WALL TREATMENT DETAILS SHEET.
5. SEE COPING AND WALL ELEVATION SHEETS FOR REINFORCEMENT BAR MARKS.
6. ANCHOR LAGGING TO PILES AS NECESSARY TO RETAIN MATERIAL AND AS LEFT-IN-PLACE CONCRETE FACING FOR AT BACK FACE OF WALL.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

DATA TABLES & WALL DETAILS

SHEET 5 OF 13
406

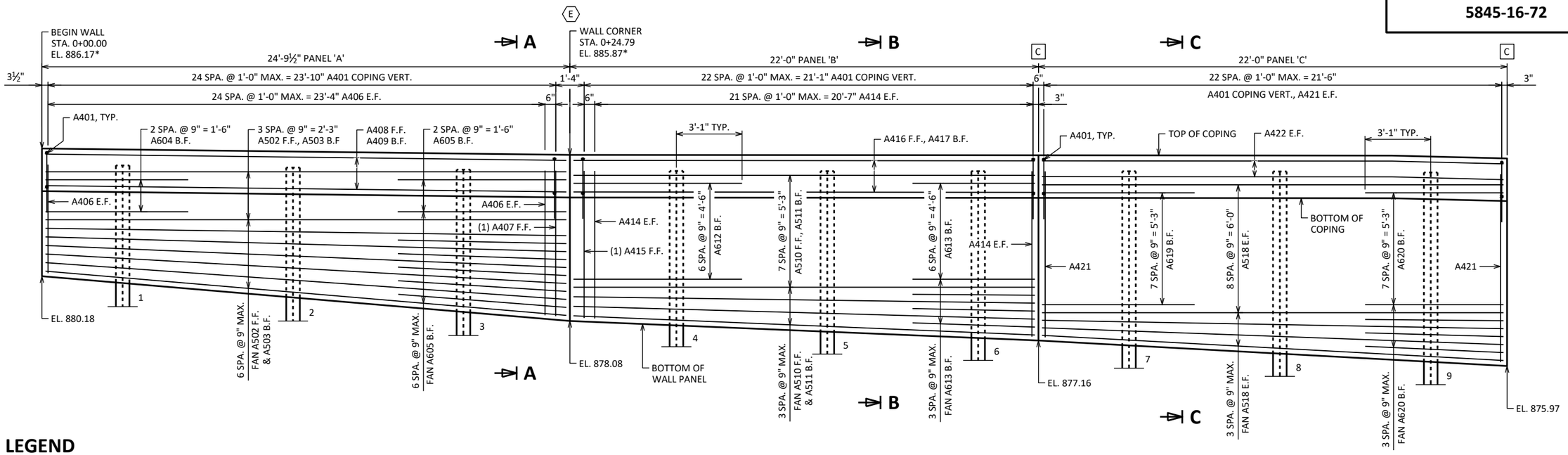
SCALE = N.T.S.

8

8

STATE PROJECT NUMBER

5845-16-72



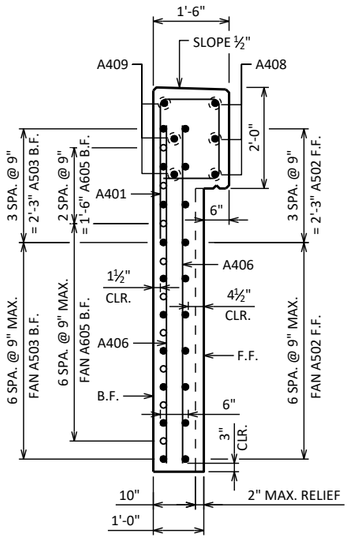
WALL FACING ELEVATION

LOOKING AT FRONT FACE OF WALL
DIMENSIONS AND STATIONS GIVEN ALONG R/L WALL
RAILING AND SOME BARS ARE OMITTED FOR CLARITY

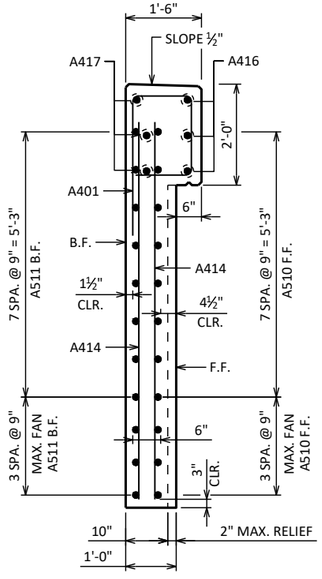
LEGEND

- C — WALL FACING CONTRACTION JOINT
- E — WALL FACING EXPANSION JOINT
- ✳ TOP OF WALL ELEVATION IS GIVEN AT BACK FACE OF WALL

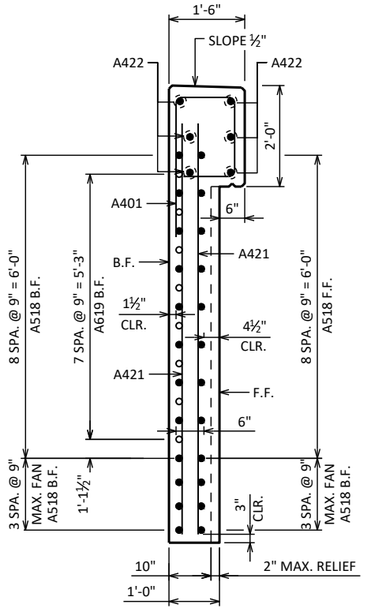
F.F. = FRONT FACE B.F. = BACK FACE E.F. = EACH FACE



SECTION A-A



SECTION B-B



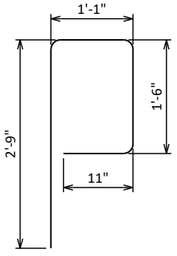
SECTION C-C

BILL OF BARS

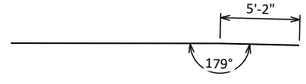
NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
A401	X	71	6'-0"	X		COPING - VERTICAL
A502	X	10	24'-0"			PANEL 'A' - HORIZ. - FRONT FACE
A503	X	10	23'-6"			PANEL 'A' - HORIZ. - BACK FACE
A604	X	3	6'-8"			PANEL 'A' - HORIZ. - BACK FACE
A605	X	9	7'-11"			PANEL 'A' - HORIZ. - BACK FACE
A406	X	50	6'-0"		⚠	PANEL 'A' - VERT. - EACH FACE
A407	X	1	6'-10"			PANEL 'A' - VERT. - FRONT FACE - CORNER
A408	X	3	24'-8"			PANEL 'A' - COPING - HORIZ. - FRONT FACE
A409	X	3	23'-6"			PANEL 'A' - COPING - HORIZ. - BACK FACE
A510	X	11	21'-3"			PANEL 'B' - HORIZ. - FRONT FACE
A511	X	11	20'-9"			PANEL 'B' - HORIZ. - BACK FACE
A612	X	7	7'-11"			PANEL 'B' - HORIZ. - BACK FACE
A613	X	10	5'-9"			PANEL 'B' - HORIZ. - BACK FACE
A414	X	44	7'-4"		⚠	PANEL 'B' - VERT. - EACH FACE
A415	X	1	6'-10"			PANEL 'B' - VERT. - FRONT FACE - CORNER
A416	X	3	21'-11"			PANEL 'B' - COPING - HORIZ. - FRONT FACE
A417	X	3	20'-9"			PANEL 'B' - COPING - HORIZ. - BACK FACE
A518	X	24	21'-8"			PANEL 'C' - HORIZ. - EACH FACE
A619	X	8	7'-2"			PANEL 'C' - HORIZ. - BACK FACE
A620	X	11	6'-6"			PANEL 'C' - HORIZ. - BACK FACE
A421	X	46	8'-3"		⚠	PANEL 'C' - VERT. - EACH FACE
A422	X	6	21'-8"	X		PANEL 'C' - COPING - HORIZ. - EACH FACE

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.



A401



A426

BAR SERIES TABLE

BUNDLE AND TAG EACH SERIES SEPARATELY.

BAR MARK	NO. REQ'D.	LENGTH
A406	2 SERIES OF 25	5'-2" TO 6'-10"
A414	2 SERIES OF 22	6'-11" TO 7'-9"
A421	2 SERIES OF 23	7'-9" TO 8'-9"

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD PLANS CK'D CJM

WALL ELEVATION & REINFORCEMENT 1

SHEET 6 OF 13
407

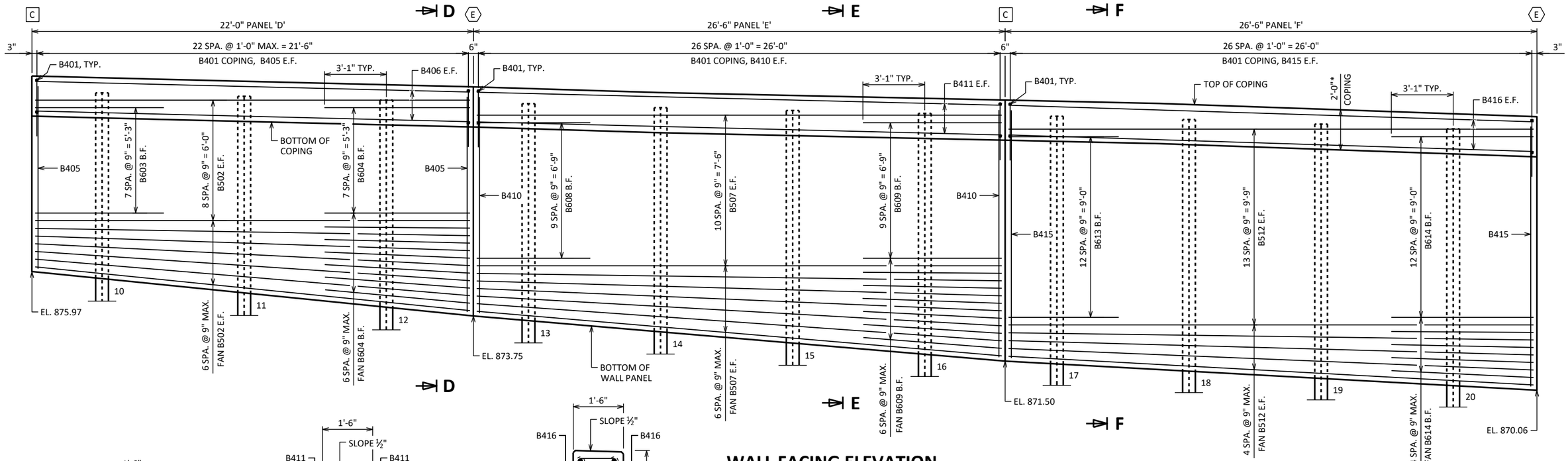
SCALE = N.T.S.

8

8

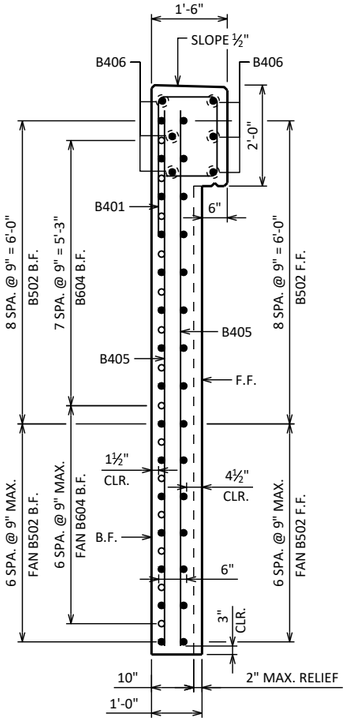
STATE PROJECT NUMBER

5845-16-72

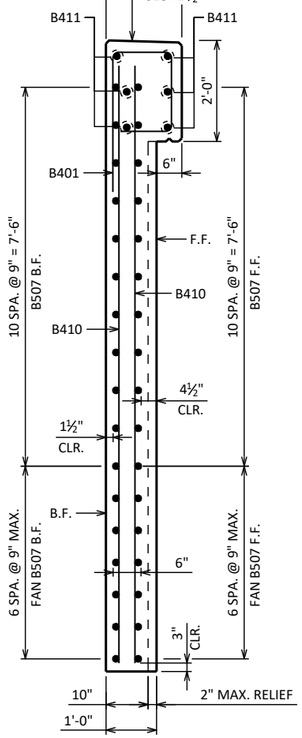


WALL FACING ELEVATION

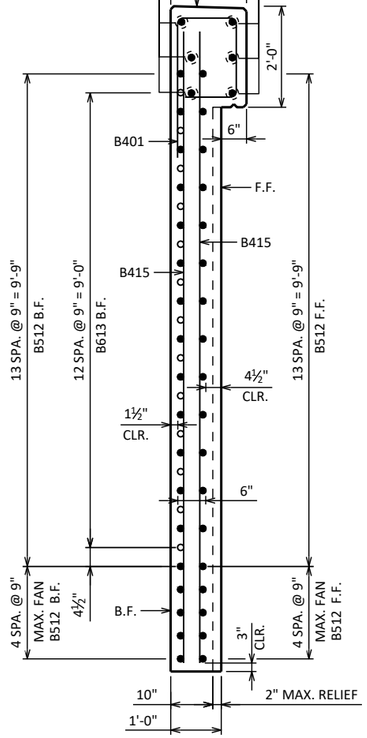
LOOKING AT FRONT FACE OF WALL
DIMENSIONS AND STATIONS ARE GIVEN ALONG R/L WALL RAILING AND SOME BARS ARE OMITTED FOR CLARITY



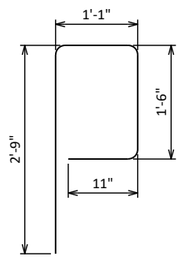
SECTION D-D



SECTION E-E



SECTION F-F



B401

LEGEND

- C — WALL FACING CONTRACTION JOINT
- E — WALL FACING EXPANSION JOINT
- * — TOP OF WALL ELEVATION IS GIVEN AT BACK FACE OF WALL

F.F. = FRONT FACE B.F. = BACK FACE E.F. = EACH FACE

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
B401	X	77	6'-0"	X		COPING - VERTICAL
B502	X	30	21'-8"			PANEL 'D' - HORIZ. EACH FACE
B603	X	8	6'-6"			PANEL 'D' - HORIZ. - BACK FACE
B604	X	14	7'-3"			PANEL 'D' - HORIZ. - BACK FACE
B405	X	46	9'-11"		⚠	PANEL 'D' - VERT. - EACH FACE
B406	X	6	21'-8"			PANEL 'D' - COPING - HORIZ. - EACH FACE
B507	X	34	26'-2"			PANEL 'E' - HORIZ. EACH FACE
B608	X	10	5'-8"			PANEL 'E' - HORIZ. - BACK FACE
B609	X	16	6'-11"			PANEL 'E' - HORIZ. - BACK FACE
B410	X	54	11'-6"		⚠	PANEL 'E' - VERT. - EACH FACE
B411	X	6	26'-2"			PANEL 'E' - COPING - HORIZ. - EACH FACE
B512	X	36	26'-2"			PANEL 'F' - HORIZ. - EACH FACE
B613	X	13	5'-6"			PANEL 'F' - HORIZ. - BACK FACE
B614	X	17	7'-1"			PANEL 'F' - HORIZ. - BACK FACE
B415	X	54	12'-8"		⚠	PANEL 'F' - VERT. - EACH FACE
B416	X	6	26'-2"			PANEL 'F' - COPING - HORIZ. - EACH FACE

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.

BAR SERIES TABLE

BUNDLE AND TAG EACH SERIES SEPARATELY.

BAR MARK	NO. REQ'D.	LENGTH
B405	2 SERIES OF 23	9'-1" TO 10'-9"
B410	2 SERIES OF 27	10'-9" TO 12'-3"
B415	2 SERIES OF 27	12'-4" TO 13'-0"

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD PLANS CK'D CJM

WALL ELEVATION & REINFORCEMENT 2

SHEET 7 OF 13
408

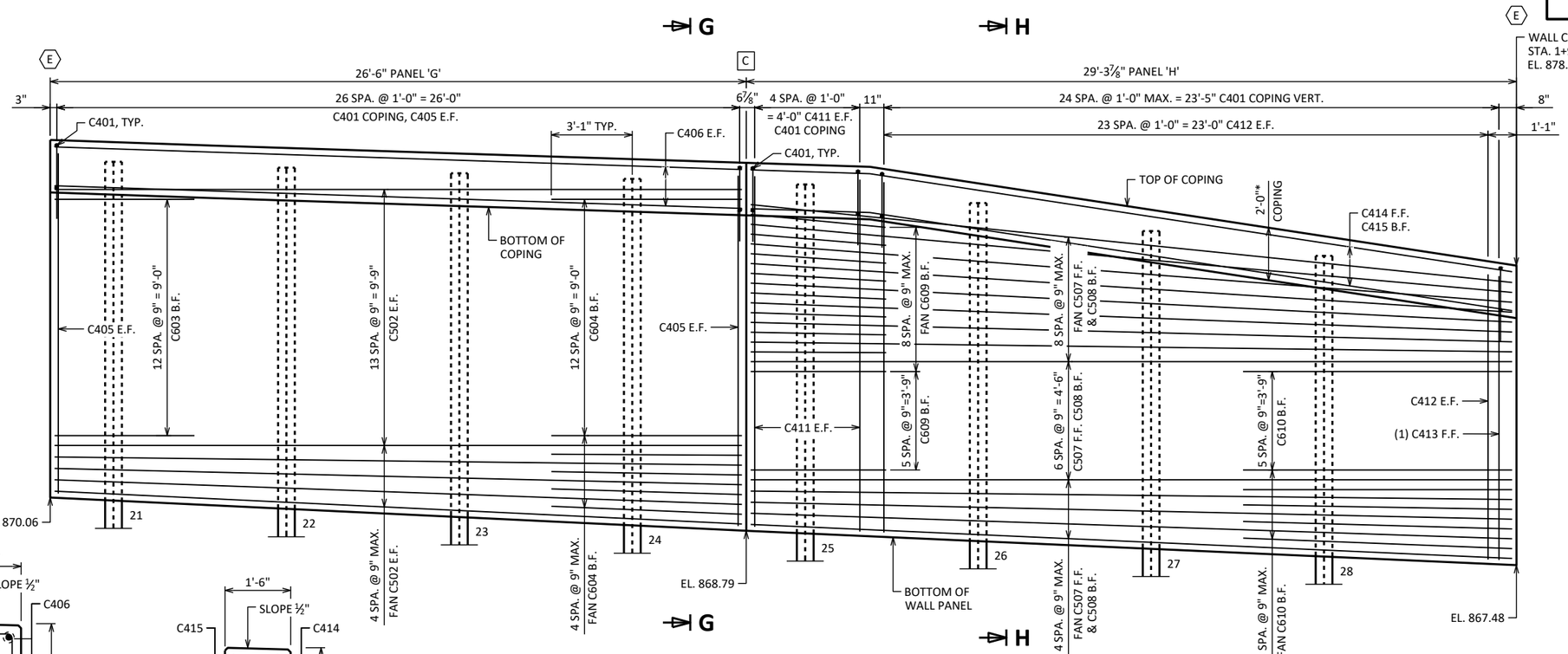
SCALE = N.T.S.

8

8

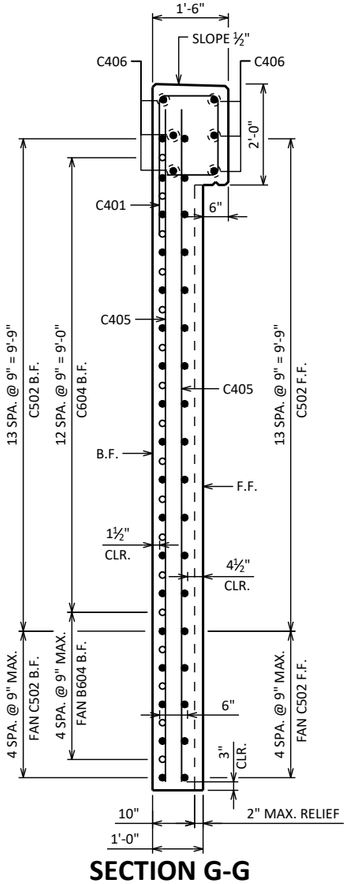
STATE PROJECT NUMBER

5845-16-72

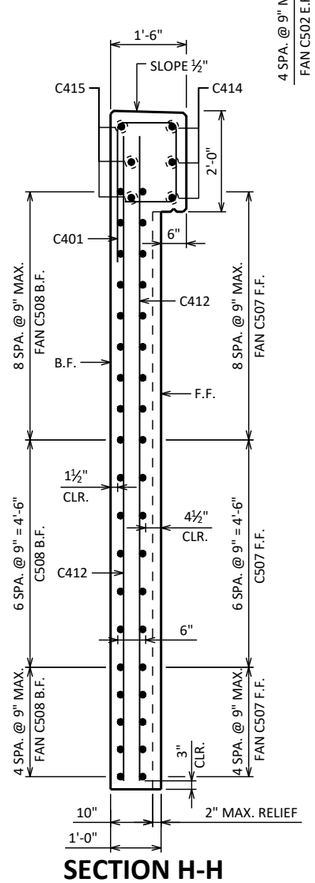


WALL FACING ELEVATION

LOOKING AT FRONT FACE OF WALL
DIMENSIONS AND STATIONS ARE GIVEN ALONG R/L WALL
RAILING AND SOME BARS ARE OMITTED FOR CLARITY



SECTION G-G



SECTION H-H

LEGEND

- C — WALL FACING CONTRACTION JOINT
- E — WALL FACING EXPANSION JOINT
- ✳ — TOP OF WALL ELEVATION IS GIVEN AT BACK FACE OF WALL

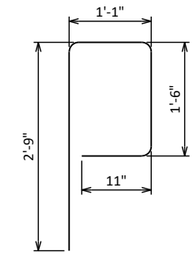
F.F. = FRONT FACE B.F. = BACK FACE E.F. = EACH FACE

BILL OF BARS

NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
C401	X	57	6'-0"	X		COPING - VERTICAL
C502	X	36	26'-2"			PANEL 'G' - HORIZ. EACH FACE
C603	X	13	5'-4"			PANEL G' - HORIZ. - BACK FACE
C604	X	17	7'-3"			PANEL 'G' - HORIZ. - BACK FACE
C405	X	54	13'-1"		⚠	PANEL 'G' - VERT. - EACH FACE
C406	X	6	26'-2"			PANEL 'G' - COPING - HORIZ. - EACH FACE
C507	X	19	28'-8"			PANEL 'H' - HORIZ. - FRONT FACE
C508	X	19	28'-3"			PANEL 'H' - HORIZ. - BACK FACE
C609	X	14	5'-2"			PANEL 'H' - HORIZ. - BACK FACE
C610	X	10	10'-3"			PANEL 'H' - HORIZ. - BACK FACE
C411	X	10	13'-4"			PANEL 'H' - VERT. - EACH FACE
C412	X	48	12'-3"		⚠	PANEL 'H' - VERT. - EACH FACE
C413	X	1	11'-0"			PANEL 'H' - VERT - FRONT FACE
C414	X	3	29'-5"	X		PANEL 'H' - COPING - HORIZ. - FRONT FACE
C415	X	3	28'-6"	X		PANEL 'H' - COPING - HORIZ. - BACK FACE

⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.



C401

C414, C415

BAR SERIES TABLE

BUNDLE AND TAG EACH SERIES SEPARATELY.

BAR MARK	NO. REQ'D.	LENGTH
C405	2 SERIES OF 27	12'-11" TO 13'-3"
C412	2 SERIES OF 24	11'-1" TO 13'-5"

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD PLANS CK'D CJM

WALL ELEVATION & REINFORCEMENT 3

SHEET 8 OF 13
409

SCALE = N.T.S.

8

8

STATE PROJECT NUMBER

5845-16-72

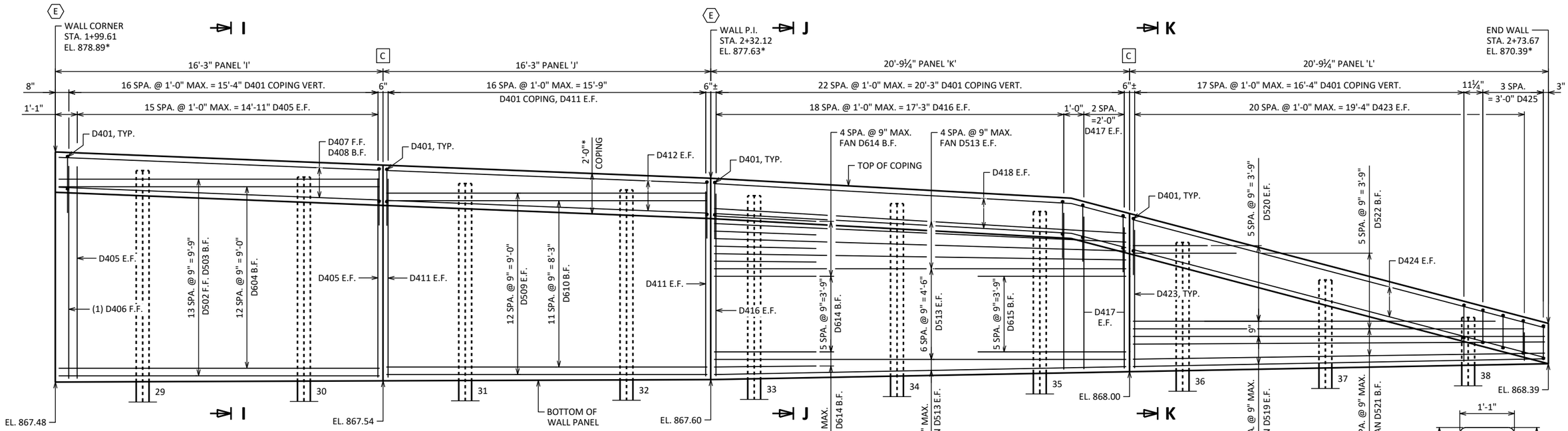
LEGEND

C WALL FACING CONTRACTION JOINT

E WALL FACING EXPANSION JOINT

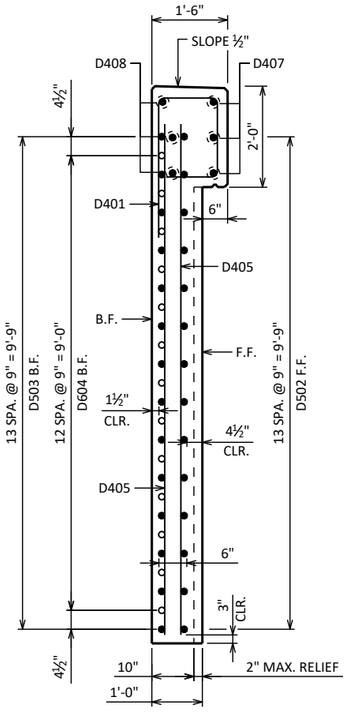
✳ TOP OF WALL ELEVATION IS GIVEN AT BACK FACE OF WALL

F.F. = FRONT FACE B.F. = BACK FACE E.F. = EACH FACE

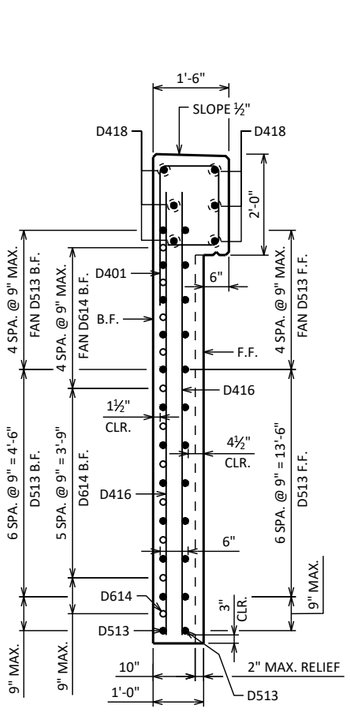


WALL FACING ELEVATION

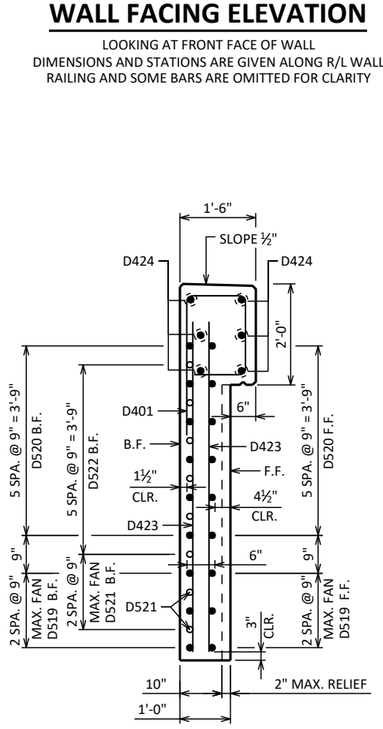
LOOKING AT FRONT FACE OF WALL
DIMENSIONS AND STATIONS ARE GIVEN ALONG R/L WALL RAILING AND SOME BARS ARE OMITTED FOR CLARITY



SECTION I-I



SECTION J-J



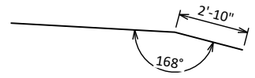
SECTION K-K

BILL OF BARS

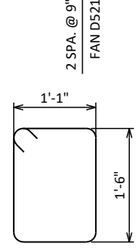
NOTE: THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE.

BAR MARK	COAT	NO. REQ'D.	LENGTH	BENT	BAR SERIES	LOCATION
D401	X	75	6'-0"	X		COPING - VERTICAL
D502	X	14	15'-8"			PANEL 'I' - HORIZ. - FRONT FACE
D503	X	14	15'-2"			PANEL 'I' - HORIZ. - BACK FACE
D604	X	13	15'-2"			PANEL 'I' - HORIZ. - BACK FACE
D405	X	32	10'-3"		⚠	PANEL 'I' - VERT. - EACH FACE
D406	X	1	10'-7"			PANEL 'I' - VERT. - FRONT FACE
D407	X	3	15'-8"			PANEL 'I' - COPING - HORIZ. - FRONT FACE
D408	X	3	15'-2"			PANEL 'I' - COPING - HORIZ. - BACK FACE
D509	X	26	15'-11"			PANEL 'J' - HORIZ. - EACH FACE
D610	X	12	15'-11"			PANEL 'J' - HORIZ. - BACK FACE
D411	X	34	9'-6"		⚠	PANEL 'J' - VERT. - EACH FACE
D412	X	6	15'-11"			PANEL 'J' - COPING - HORIZ. - EACH FACE
D513	X	24	20'-5"			PANEL 'K' - HORIZ. - EACH FACE
D614	X	11	5'-1"			PANEL 'K' - HORIZ. - BACK FACE
D615	X	6	7'-5"			PANEL 'K' - HORIZ. - BACK FACE
D416	X	38	8'-5"		⚠	PANEL 'K' - VERT. - EACH FACE
D417	X	6	7'-3"		⚠	PANEL 'K' - VERT. - EACH FACE
D418	X	6	20'-6"	X		PANEL 'K' - COPING - HORIZ. - EACH FACE
D519	X	6	20'-5"			PANEL 'L' - HORIZ. - EACH FACE
D520	X	12	10'-10"		⚠	PANEL 'L' - HORIZ. - EACH FACE
D521	X	2	20'-5"			PANEL 'L' - HORIZ. - BACK FACE
D522	X	6	12'-4"		⚠	PANEL 'L' - HORIZ. - BACK FACE
D423	X	42	4'-2"		⚠	PANEL 'L' - VERT. - EACH FACE
D424	X	6	21'-1"			PANEL 'L' - COPING - HORIZ. - EACH FACE
D425	X	4	5'-8"	X		PANEL 'L' - COPING - VERT. - END WALL

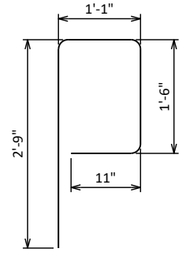
⚠ LENGTH SHOWN FOR BAR IS AN AVERAGE AND SHOULD ONLY BE USED FOR BAR WEIGHT CALCULATIONS. SEE BAR SERIES TABLE FOR ACTUAL LENGTHS.



D418



D425



D401

BAR SERIES TABLE

BUNDLE AND TAG EACH SERIES SEPARATELY.

BAR MARK	NO. REQ'D.	LENGTH
D405	2 SERIES OF 16	9'-11" TO 10'-7"
D411	2 SERIES OF 17	9'-2" TO 9'-10"
D416	2 SERIES OF 19	7'-9" TO 9'-1"
D417	2 SERIES OF 3	7'-0" TO 7'-6"
D520	2 SERIES OF 6	3'-9" TO 17'-11"
D522	1 SERIES OF 6	5'-3" TO 19'-5"
D423	2 SERIES OF 21	1'-6" TO 6'-10"

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

WALL ELEVATION & REINFORCEMENT 4

SHEET 9 OF 13
410

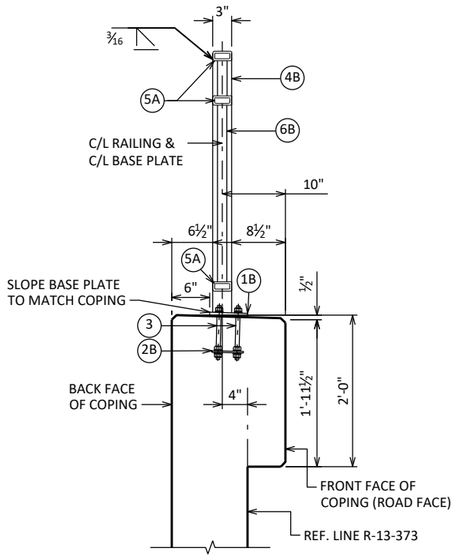
SCALE = N.T.S.

8

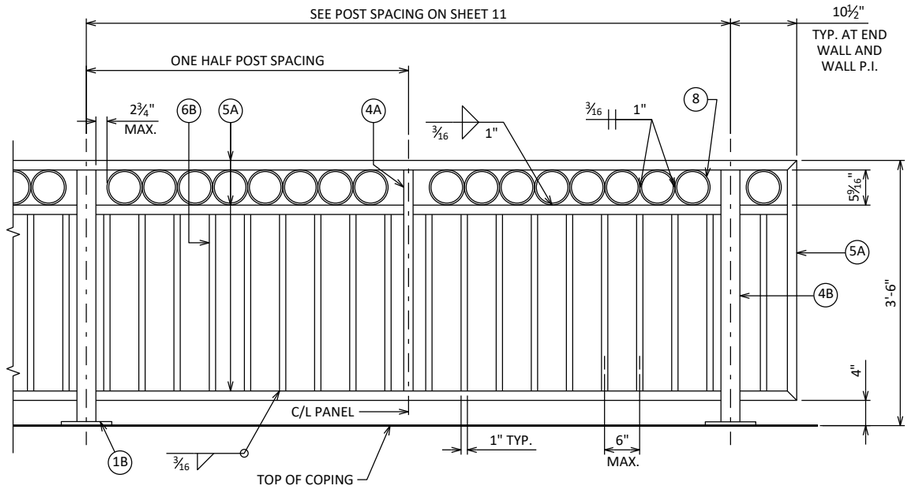
8

STATE PROJECT NUMBER

5845-16-72



SECTION THRU RAILING ON WALL



RAILING ELEVATION

LEGEND

- (1B) PLATE ⅝" X 6" X 10" WITH ¾" X 1½" SLOTTED HOLES.
- (2B) ¼" X 5" X 9" ANCHOR PLATE WITH $^{11}/_{16}$" DIA. HOLES FOR THR'D RODS NO. 3.
- (3) ⅝" DIA. X 9" LONG, TYPE 316 STAINLESS STEEL THREADED RODS (MIN. TENSILE STRENGTH = 70 KSI) WITH NUT AND WASHERS OF SAME ALLOY GROUP. ALTERNATIVE ANCHORAGE: CONCRETE ADHESIVE ANCHORS ⅝-INCH. EMBED 7" IN CONCRETE FOR RAIL POSTS. ADHESIVE ANCHORS SHALL CONFORM TO SECTIONS 502.2.12 AND 502.3.14 OF THE STANDARD SPECIFICATIONS.
- (4A) STRUCTURAL TUBING 3" X 1½" X $^{3}/_{16}$". PLACE VERTICAL. WELD TO NO. 5A.
- (4B) STRUCTURAL TUBING 3" X 3" X $^{3}/_{16}$". PLACE VERTICAL. WELD TO NO 1B & 5A.
- (5A) STRUCTURAL TUBING 3" X 1½" X $^{3}/_{16}$" RAILS. WELD TO NO. 1B & NO. 4B. INSIDE OF TUBE TO BE PAINTED AT ALL FIELD ERECTION & EXPANSION JOINTS.
- (6B) BAR 1" X 1½" PICKETS. WELD TO NO. 5A. (SPACE AT 6" MAX. C/L TO C/L SPACING) PLACE VERTICAL.
- (8) STRUCTURAL TUBING 5" DIA. (STANDARD SIZE) (5.563" O.D.) 1½" LONG SLICES. WELD TO NO. 5A.
- (9A) RECTANGULAR SLEEVE FABRICATED FROM $^{3}/_{16}$" PLATES. PROVIDE "SLIDING FIT".
- (10A) RECTANGULAR SLEEVE FABRICATED FROM $^{3}/_{16}$" PLATES. (1'-4" @ FIELD ERECTION JTS. AND WALL EXPANSION JOINTS)

RAILING NOTES

BID ITEM SHALL BE "RAILING STEEL PEDESTRIAN TYPE C1", WHICH SHALL INCLUDE ALL STEEL ITEMS SHOWN.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT, AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

ALL PLATES, BARS, AND RECTANGULAR SLEEVES SHALL CONFORM TO ASTM A709 GRADE 36. ALL STRUCTURAL TUBING SHALL CONFORM TO ASTM A500 GRADE B.

ANCHORAGES SHALL BE ACCURATELY PLACED TO PROVIDE CORRECT ALIGNMENT OF RAILING. SET NORMAL TO COPING CROSS SLOPE AND ALONG THE WALL PROFILE.

CUT BOTTOM OF POST TO MAKE POST VERTICAL IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTION.

STEEL SHIMS SHALL BE PROVIDED & USED UNDER BASE PLATES WHERE REQUIRED FOR ALIGNMENT, AND SHALL BE GALVANIZED.

CAULK AROUND PERIMETER OF BASE PLATES, NO. 1B, AND FILL BOLT SLOT OPENINGS IN SHIMS AND BASE PLATES WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

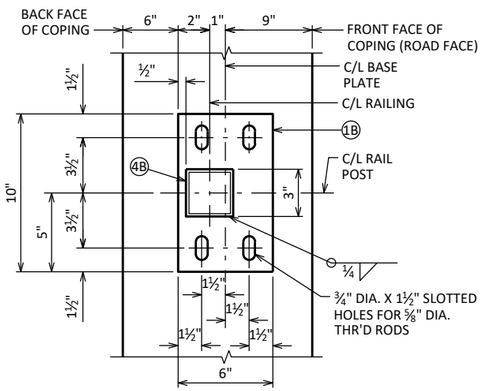
ALL JOINTS AND RECESSES IN CONCRETE COPING ARE TO BE VERTICAL.

ALL MATERIAL (EXCEPT NO. 3) SHALL BE GALVANIZED AFTER FABRICATION. PRIOR TO GALVANIZING, THE STEEL RAILING SHALL BE GIVEN A NO. 6 BLAST CLEANING PER SSPC SPECIFICATIONS. PAINT OVER GALVANIZING WITH AN APPROVED TIE COAT AND TOP COAT AS SPECIFIED IN THE CONTRACT DOCUMENTS. THE RAILING SHALL BE PAINTED AMS STD. COLOR NO. 27038 (BLACK).

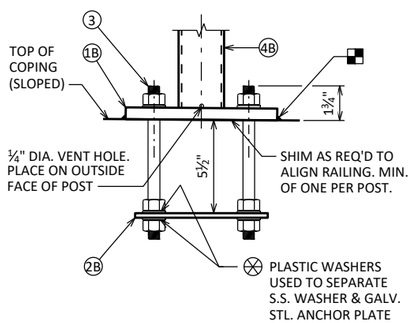
VENT HOLES SHALL BE DRILLED IN POST AND RAIL MEMBERS AS REQUIRED TO FACILITATE GALVANIZING AND DRAINAGE.

RAILING SHALL BE FABRICATED IN LENGTHS THAT INCLUDE 3 OR 4 POSTS.

TOUCH-UP PAINTING TO BE DONE AT COMPLETION OF STEEL RAILING INSTALLATION TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST.

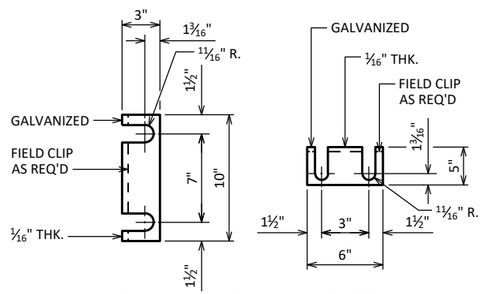


TYPICAL RAIL POST BASE PLATE



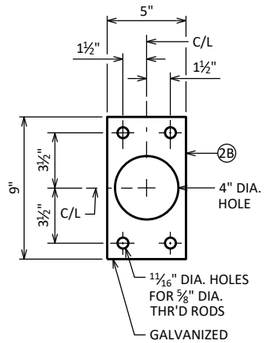
ANCHORAGE FOR RAIL POSTS

NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.

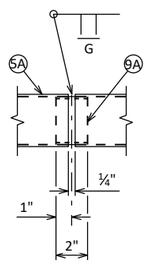


RAIL POST SHIM DETAIL

(2 SETS PER POST)

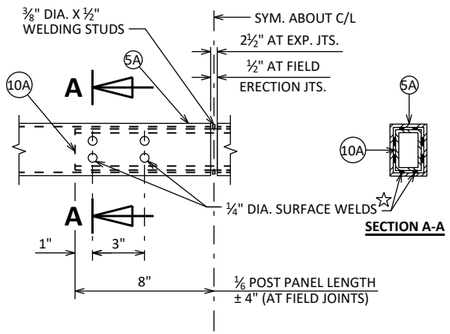


ANCHOR PLATE



SHOP RAIL SPLICE DETAIL

(LOCATION MUST BE SHOWN ON SHOP DRAWINGS)



FIELD ERECTION JOINT DETAIL

☆ MIN. ⅝" FLAT SURFACE DIA. PUNCHINGS OR STUDS MAY BE USED AS AN ALTERNATE.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY CJM | PLANS CK'D VJD

RAILING STEEL PEDESTRIAN TYPE C1 DETAILS

SHEET 10 OF 13

411

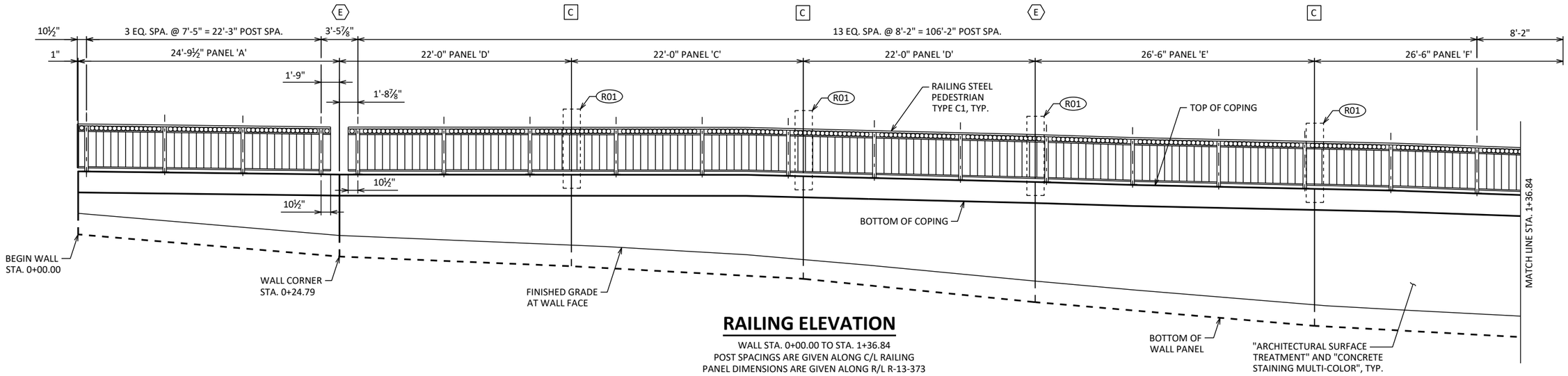
SCALE = 2.00

8

8

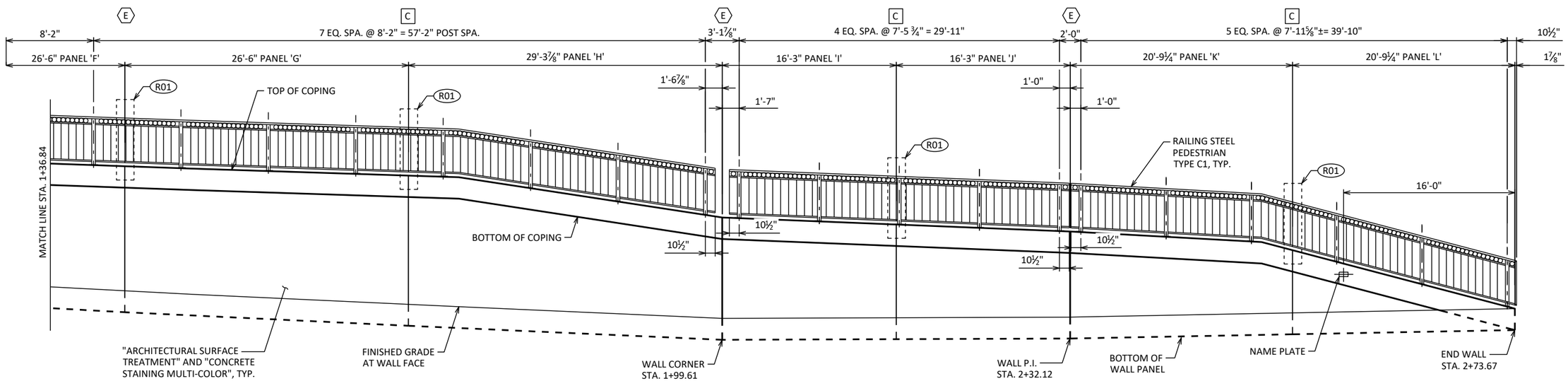
STATE PROJECT NUMBER

5845-16-72



RAILING ELEVATION

WALL STA. 0+00.00 TO STA. 1+36.84
POST SPACINGS ARE GIVEN ALONG C/L RAILING
PANEL DIMENSIONS ARE GIVEN ALONG R/L R-13-373



RAILING ELEVATION

WALL STA. 1+36.84 TO STA. 2+73.67
POST SPACINGS ARE GIVEN ALONG C/L RAILING
PANEL DIMENSIONS ARE GIVEN ALONG R/L R-13-373

LEGEND

- C — WALL FACING CONTRACTION JOINT
- E — WALL FACING EXPANSION JOINT
- R01 — INSTALL RAILING EXPANSION JOINT AT COPING JOINTS, TYP., TOP AND BOTTOM RAIL. SEE FIELD ERECTION JOINT DETAIL ON SHEET 10.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

RAILING STEEL PEDESTRIAN TYPE C1 ELEVATION

SHEET 11 OF 13
412

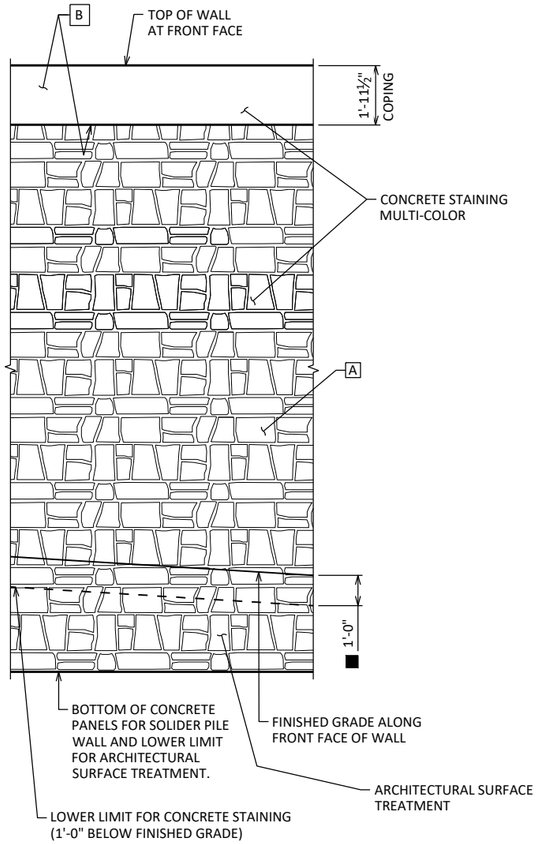
SCALE = N.T.S.

8

8

STATE PROJECT NUMBER

5845-16-72

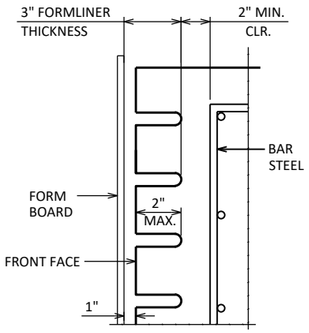


TYPICAL WALL ELEVATION

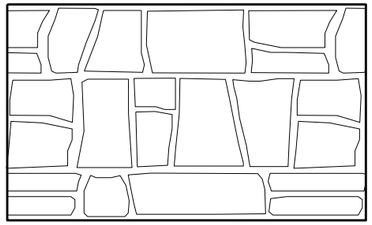
■ LIMITS FOR "CONCRETE STAINING MULTI-COLOR R-13-373" TO EXTEND 1'-0" BELOW FINISHED GRADE ON THE FRONT FACE OF THE RETAINING WALL, TO TOP OF THE WALL COPING.

SOLDIER PILES NOT SHOWN FOR CLARITY.

LOOKING AT FRONT FACE.



SECTION THRU FORMLINER



RUSTIC ASHLAR

MAX. RELIEF = 2"
STONE LENGTH = 8" TO 32"

FORMLINER DETAILS

STAINING NOTES

[A] ALL ARCHITECTURAL SURFACE TREATMENT FORMLINER AREAS SHALL BE STAINED A RANDOMLY MIXED COLOR ARRANGEMENT TO ACHIEVE A TEXTURED LOOK AS DIRECTED BY THE ENGINEER. APPLY A MULTI-COLOR STAIN USING AMS STANDARD COLOR #16405 AS THE BASE COLOR & AMS STANDARD COLOR #10219 AS THE ACCENT COLOR. THE PROTRUDING PORTIONS OF THE FACE (APPROXIMATELY 70%-80%) STAINED TO HIGHLIGHT THE STONE TEXTURE. TO BE PAID FOR UNDER THE BID ITEM "CONCRETE STAINING MULTI-COLOR R-13-373".

[B] STAIN SURFACE AMS STANDARD COLOR #16405. TO BE PAID FOR UNDER THE BID ITEM "CONCRETE STAINING MULTI-COLOR R-13-373"

IF TOUCH UP STAINING IS REQUIRED, IT SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST.

ARCH. SURF. TREAT. NOTES

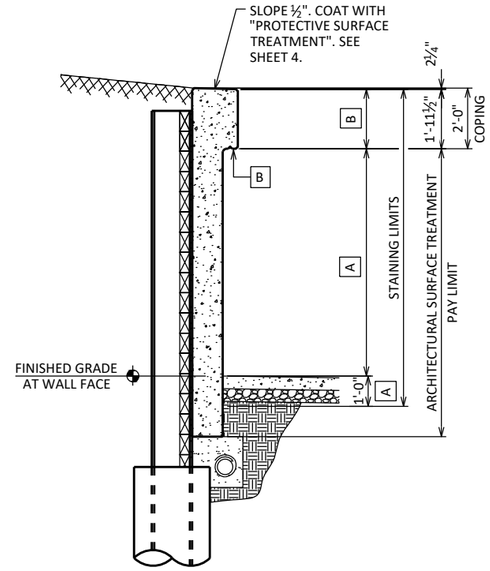
FORMLINER COURSING ON THE FRONT FACE OF THE WING SHALL BE LEVEL.

FORMLINER COURSING ON EACH WALL FACE SHALL BE VERTICALLY ALIGNED.

THE FORMLINER PATTERN SHALL BE CONTINUOUS ACROSS WALL CONSTRUCTION JOINTS.

WRAP AROUNT/MATCH FORMLINER PATTERN AT CORNERS.

ALL FORMLINER WORK SHALL BE INCLUDED UNDER THE BID ITEM "ARCHITECTURAL SURFACE TREATMENT R-13-373"



WALL STAINING DIAGRAM

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

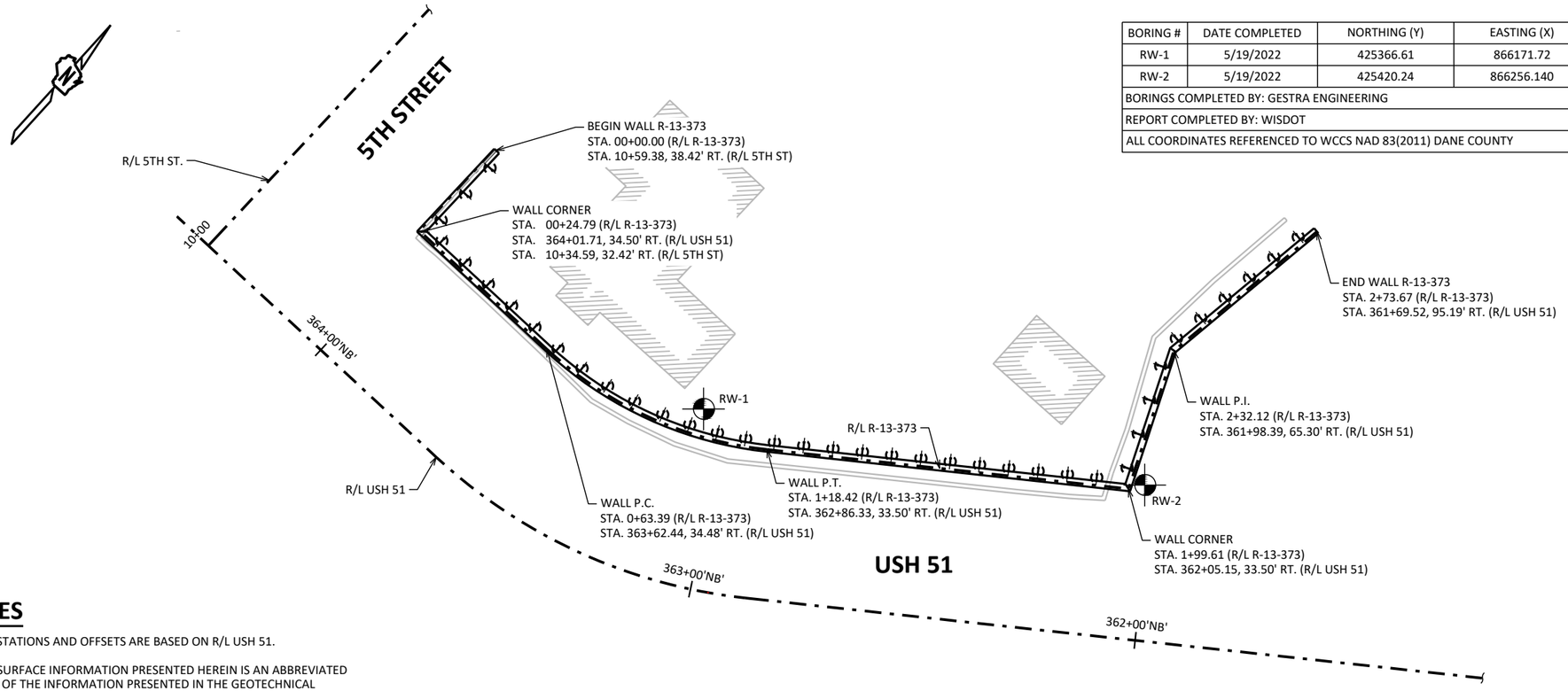
AESTHETIC WALL TREATMENT DETAILS

SHEET 12 OF 13

413

STATE PROJECT NUMBER

5845-16-72

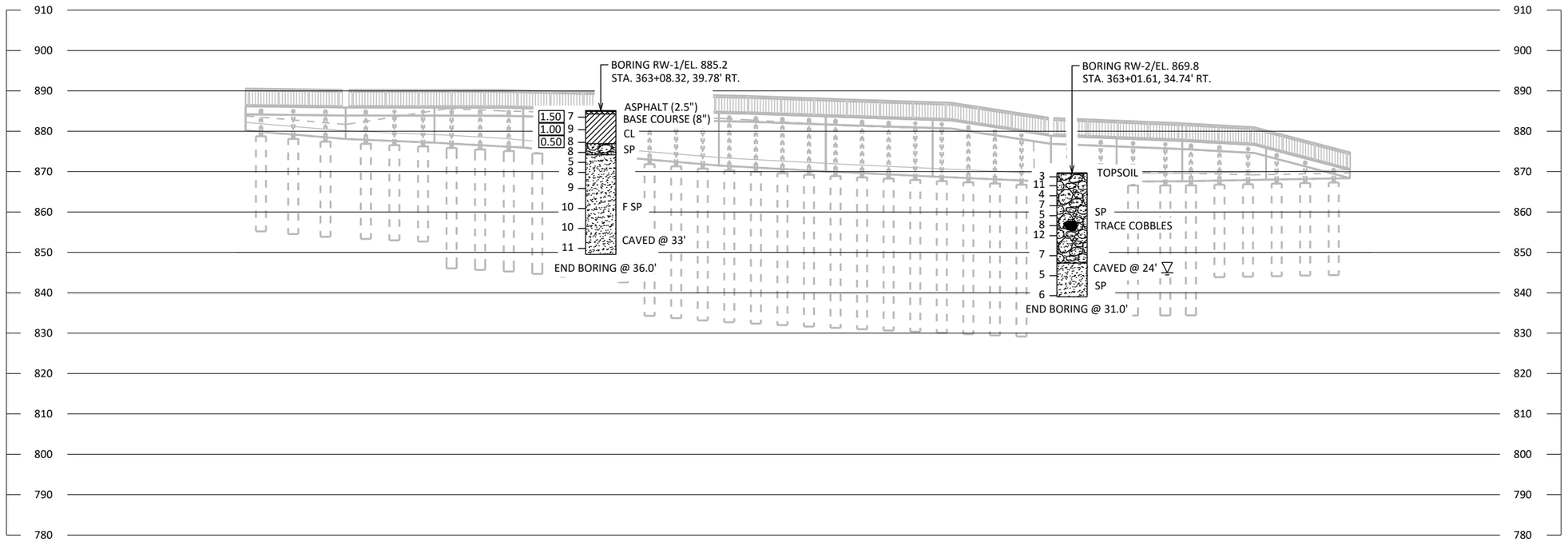


BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
RW-1	5/19/2022	425366.61	866171.72
RW-2	5/19/2022	425420.24	866256.140
BORINGS COMPLETED BY: GESTRA ENGINEERING			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(2011) DANE COUNTY			

NOTES

BORING STATIONS AND OFFSETS ARE BASED ON R/L USH 51.

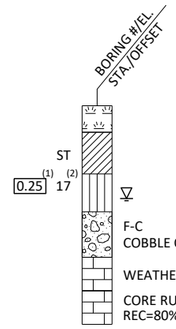
THE SUBSURFACE INFORMATION PRESENTED HEREIN IS AN ABBREVIATED VERSION OF THE INFORMATION PRESENTED IN THE GEOTECHNICAL ENGINEERING REPORT. REVIEW THE APPROPRIATE GEOTECHNICAL REPORT AND SOIL BORING LOGS FOR ADDITIONAL SUBSURFACE INFORMATION.



MATERIAL SYMBOLS

ASPHALT · TOPSOIL · PEAT
CONCRETE · FILL · GRAVEL
SAND · CLAY · SILT
BOULDERS OR COBBLES · LIMESTONE · BEDROCK (UNKNOWN)
SHALE · SANDSTONE · IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

AT TIME OF DRILLING
END OF DRILLING
AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-13-373

DRAWN BY VJD | PLANS CK'D CJM

SUBSURFACE EXPLORATION

SHEET 13 OF 13
414

SCALE = N.T.S.

8

8

DIVISION - US 51_NB

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
286+00.00	28600.00	0.00	113.84	33.06	5.69	0	0	0	0	0	0	0	0
286+50.00	28650.00	50.00	121.94	20.17	6.10	218	49	11	218	50	14	9	168
287+00.00	28700.00	50.00	118.88	6.98	5.94	223	25	11	441	71	29	18	371
287+50.00	28750.00	50.00	116.79	8.06	5.84	218	14	11	659	77	43	26	582
288+00.00	28800.00	50.00	120.38	0.35	6.02	220	8	11	879	76	57	35	803
288+50.00	28850.00	50.00	121.14	6.76	6.06	224	7	11	1,103	74	72	44	1,029
289+00.00	28900.00	50.00	123.37	38.00	6.17	226	41	11	1,329	114	86	53	1,215
289+50.00	28950.00	50.00	124.64	57.75	6.23	230	89	11	1,559	214	100	62	1,345
290+00.00	29000.00	50.00	124.12	58.93	6.21	230	108	12	1,789	337	116	71	1,452
290+50.00	29050.00	50.00	124.63	46.77	6.23	230	98	12	2,019	448	131	81	1,571
291+00.00	29100.00	50.00	125.45	29.51	6.27	232	71	12	2,251	525	147	90	1,727
291+50.00	29150.00	50.00	123.93	0.45	6.20	231	28	12	2,482	548	163	100	1,935
292+00.00	29200.00	50.00	114.34	0.40	5.72	221	1	11	2,703	538	177	109	2,165
292+50.00	29250.00	50.00	110.04	0.42	5.50	208	1	10	2,911	529	190	117	2,382
293+00.00	29300.00	50.00	112.73	0.68	5.64	206	1	10	3,117	520	203	125	2,597
293+50.00	29350.00	50.00	113.58	0.55	5.68	210	1	10	3,327	512	216	133	2,816
294+00.00	29400.00	50.00	116.30	0.53	5.81	213	1	11	3,540	502	230	142	3,038
294+50.00	29450.00	50.00	115.71	0.63	5.79	215	1	11	3,755	492	244	150	3,263
295+00.00	29500.00	50.00	115.22	0.66	5.76	214	1	11	3,969	482	259	159	3,487
295+50.00	29550.00	50.00	116.38	0.59	5.82	214	1	11	4,183	473	273	168	3,711
296+00.00	29600.00	50.00	114.49	0.62	5.72	214	1	11	4,397	463	287	177	3,934
296+50.00	29650.00	50.00	115.44	0.60	5.77	213	1	11	4,610	453	302	186	4,157
297+00.00	29700.00	50.00	116.52	0.56	5.83	215	1	11	4,825	443	316	194	4,382
297+50.00	29750.00	50.00	115.94	1.22	5.80	215	2	11	5,040	435	330	203	4,605
298+00.00	29800.00	50.00	115.22	0.39	5.76	214	1	11	5,254	425	345	212	4,829
298+50.00	29850.00	50.00	118.71	0.42	5.94	217	1	11	5,471	415	359	221	5,056
299+00.00	29900.00	50.00	119.43	1.17	5.97	221	1	11	5,692	406	373	230	5,287
299+50.00	29950.00	50.00	115.84	0.23	5.79	218	1	11	5,910	396	387	238	5,514
300+00.00	30000.00	50.00	112.08	0.60	5.60	211	1	11	6,121	386	402	247	5,735
300+50.00	30050.00	50.00	108.90	0.58	5.45	205	1	10	6,326	377	415	255	5,949
301+00.00	30100.00	50.00	113.22	0.61	5.66	206	1	10	6,532	369	428	263	6,164
301+50.00	30150.00	50.00	115.06	0.57	5.75	211	1	11	6,743	359	442	272	6,384
302+00.00	30200.00	50.00	117.11	0.34	5.86	215	1	11	6,958	349	456	281	6,609
302+50.00	30250.00	50.00	114.91	0.29	5.75	215	1	11	7,173	339	471	290	6,834
303+00.00	30300.00	50.00	112.15	0.39	5.61	210	1	11	7,383	330	485	298	7,054
303+50.00	30350.00	50.00	103.70	5.38	5.18	200	5	10	7,583	326	498	306	7,257
304+00.00	30400.00	50.00	99.56	9.38	4.98	188	14	9	7,771	334	510	314	7,437
304+50.00	30450.00	50.00	98.58	8.13	4.93	183	16	9	7,954	345	521	321	7,609
305+00.00	30500.00	50.00	101.37	3.15	5.07	185	10	9	8,139	349	533	328	7,790
305+50.00	30550.00	50.00	100.58	4.01	5.03	187	7	9	8,326	349	545	335	7,978
306+00.00	30600.00	50.00	99.00	7.93	4.95	185	11	9	8,511	353	556	342	8,158
306+50.00	30650.00	50.00	126.30	3.44	6.31	209	11	10	8,720	357	569	350	8,363
307+00.00	30700.00	50.00	128.39	3.19	6.42	236	6	12	8,956	353	585	360	8,604
307+50.00	30750.00	50.00	117.39	3.36	5.87	228	6	11	9,184	349	599	369	8,835
308+00.00	30800.00	50.00	111.99	2.70	5.60	212	6	11	9,396	346	614	378	9,051

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 415 | E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 01

PLOT DATE : 9/25/2024 3:28 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

DIVISION - US 51_NB

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
308+50.00	30850.00	50.00	112.40	2.63	5.62	208	5	10	9,604	342	627	386	9,262
309+00.00	30900.00	50.00	110.71	3.50	5.54	207	6	10	9,811	339	640	394	9,472
309+50.00	30950.00	50.00	123.03	0.48	6.15	216	4	11	10,027	333	654	402	9,694
310+00.00	31000.00	50.00	142.52	0.05	7.13	246	0	12	10,273	321	670	412	9,952
310+50.00	31050.00	50.00	132.82	0.00	6.64	255	0	13	10,528	308	686	422	10,220
311+00.00	31100.00	50.00	123.14	0.00	6.16	237	0	12	10,765	296	702	432	10,469
311+50.00	31150.00	50.00	123.17	3.17	6.16	228	3	11	10,993	289	716	441	10,704
312+00.00	31200.00	50.00	116.49	5.26	5.82	222	8	11	11,215	288	731	450	10,927
312+50.00	31250.00	50.00	113.72	5.22	5.69	213	10	11	11,428	290	745	458	11,139
313+00.00	31300.00	50.00	110.88	4.89	5.54	208	9	10	11,636	291	758	466	11,345
313+50.00	31350.00	50.00	112.08	3.16	5.60	206	7	10	11,842	290	771	474	11,553
314+00.00	31400.00	50.00	113.99	4.00	5.70	209	7	10	12,051	288	784	482	11,763
314+50.00	31450.00	50.00	110.48	5.15	5.52	208	8	10	12,259	288	797	490	11,971
315+00.00	31500.00	50.00	116.31	1.06	5.82	210	6	10	12,469	286	810	498	12,183
315+50.00	31550.00	50.00	129.26	1.07	6.46	227	2	11	12,696	277	824	507	12,419
316+00.00	31600.00	50.00	136.17	1.19	6.81	246	2	12	12,942	268	840	517	12,674
316+50.00	31650.00	50.00	145.83	0.17	7.29	261	1	13	13,203	256	857	527	12,947
317+00.00	31700.00	50.00	152.11	0.04	7.61	276	0	14	13,479	242	875	538	13,237
317+50.00	31750.00	50.00	168.02	0.04	8.40	296	0	15	13,775	227	894	550	13,548
318+00.00	31800.00	50.00	187.02	0.33	9.35	329	0	16	14,104	211	915	563	13,893
318+50.00	31850.00	50.00	147.60	3.30	7.38	310	3	15	14,414	200	935	575	14,214
319+00.00	31900.00	50.00	145.33	0.00	7.27	271	3	14	14,685	190	953	586	14,496
319+50.00	31950.00	50.00	222.07	0.00	11.10	340	0	17	15,025	173	975	600	14,853
320+00.00	32000.00	50.00	185.48	0.00	9.27	377	0	19	15,402	154	1,000	615	15,249
320+50.00	32050.00	50.00	161.18	0.32	8.06	321	0	16	15,723	138	1,021	628	15,586
321+00.00	32100.00	50.00	155.42	0.18	7.77	293	0	15	16,016	123	1,040	640	15,894
321+50.00	32150.00	50.00	159.19	0.65	7.96	291	1	15	16,307	109	1,060	652	16,198
322+00.00	32200.00	50.00	179.74	0.00	8.99	314	1	16	16,621	94	1,080	665	16,527
322+50.00	32250.00	50.00	143.83	0.36	7.19	300	0	15	16,921	79	1,100	677	16,842
323+00.00	32300.00	50.00	131.32	0.36	6.57	255	1	13	17,176	67	1,117	687	17,109
323+50.00	32350.00	50.00	119.57	2.03	5.98	232	2	12	17,408	58	1,132	697	17,350
324+00.00	32400.00	50.00	119.37	2.25	5.97	221	4	11	17,629	52	1,147	706	17,577
324+50.00	32450.00	50.00	113.14	3.50	5.66	215	5	11	17,844	47	1,161	714	17,797
325+00.00	32500.00	50.00	105.93	8.65	5.30	203	11	10	18,047	51	1,174	722	17,996
325+50.00	32550.00	50.00	104.13	5.64	5.21	195	13	10	18,242	57	1,187	730	18,185
326+00.00	32600.00	50.00	108.31	7.93	5.42	197	13	10	18,439	63	1,200	738	18,376
326+50.00	32650.00	50.00	115.00	3.59	5.75	207	11	10	18,646	67	1,213	746	18,579
327+00.00	32700.00	50.00	118.04	4.19	5.90	216	7	11	18,862	65	1,227	755	18,797
327+50.00	32750.00	50.00	104.96	0.49	5.25	206	4	10	19,068	60	1,240	763	19,008
328+00.00	32800.00	50.00	111.20	2.95	5.56	200	3	10	19,268	54	1,253	771	19,215
328+50.00	32850.00	50.00	114.04	2.49	5.70	209	5	10	19,477	50	1,266	779	19,427
329+00.00	32900.00	50.00	116.48	1.47	5.82	213	4	11	19,690	44	1,281	788	19,646
329+50.00	32950.00	50.00	118.87	1.09	5.94	218	2	11	19,908	35	1,295	797	19,873
330+00.00	33000.00	50.00	114.81	1.34	5.74	216	2	11	20,124	27	1,309	806	20,097
330+50.00	33050.00	50.00	111.08	1.64	5.55	209	3	10	20,333	21	1,322	814	20,313

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 416 | E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 02

PLOT DATE : 9/25/2024 3:28 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

DIVISION - US 51_NB

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
331+00.00	33100.00	50.00	127.44	0.59	6.37	221	2	11	20,554	12	1,336	822	20,542
331+50.00	33150.00	50.00	157.53	0.00	7.88	264	1	13	20,818	0	1,353	833	20,818
332+00.00	33200.00	50.00	143.33	0.00	7.17	279	0	14	21,097	-14	1,372	844	21,111
332+50.00	33250.00	50.00	126.71	0.87	6.34	250	1	13	21,347	-26	1,388	854	21,373
333+00.00	33300.00	50.00	119.98	1.08	6.00	228	2	11	21,575	-34	1,403	863	21,609
333+50.00	33350.00	50.00	114.06	0.94	5.70	217	2	11	21,792	-43	1,417	872	21,835
334+00.00	33400.00	50.00	114.83	2.55	5.74	212	3	11	22,004	-50	1,431	881	22,054
334+50.00	33450.00	50.00	123.60	0.98	6.18	221	3	11	22,225	-57	1,446	890	22,282
335+00.00	33500.00	50.00	123.46	1.98	6.17	229	3	11	22,454	-64	1,460	898	22,518
335+50.00	33550.00	50.00	109.14	0.16	5.46	215	2	11	22,669	-73	1,474	907	22,742
336+00.00	33600.00	50.00	114.85	0.00	5.74	207	0	10	22,876	-83	1,487	915	22,959
336+50.00	33650.00	50.00	126.84	1.63	6.34	224	2	11	23,100	-91	1,502	924	23,191
337+00.00	33700.00	50.00	122.68	1.72	6.13	231	3	12	23,331	-100	1,517	934	23,431
337+50.00	33750.00	50.00	118.28	2.38	5.91	223	4	11	23,554	-106	1,531	942	23,660
338+00.00	33800.00	50.00	112.75	2.95	5.64	214	5	11	23,768	-110	1,546	951	23,878
338+50.00	33850.00	50.00	116.58	3.14	5.83	212	6	11	23,980	-114	1,560	960	24,094
339+00.00	33900.00	50.00	114.90	0.00	5.75	214	3	11	24,194	-121	1,574	969	24,315
339+50.00	33950.00	50.00	145.26	0.44	7.26	241	0	12	24,435	-133	1,590	978	24,568
340+00.00	34000.00	50.00	127.20	0.51	6.36	252	1	13	24,687	-145	1,607	989	24,832
340+50.00	34050.00	50.00	111.52	1.84	5.58	221	2	11	24,908	-153	1,621	998	25,061
341+00.00	34100.00	50.00	118.57	1.84	5.93	213	3	11	25,121	-161	1,635	1,006	25,282
341+50.00	34150.00	50.00	119.16	1.00	5.96	220	3	11	25,341	-168	1,650	1,015	25,509
342+00.00	34200.00	50.00	107.26	0.00	5.36	210	1	10	25,551	-177	1,663	1,023	25,728
342+50.00	34250.00	50.00	99.11	0.13	4.96	191	0	10	25,742	-187	1,676	1,031	25,929
343+00.00	34300.00	50.00	113.01	1.40	5.65	196	1	10	25,938	-195	1,689	1,039	26,133
343+50.00	34350.00	50.00	116.62	1.65	5.83	213	3	11	26,151	-203	1,703	1,048	26,354
344+00.00	34400.00	50.00	114.35	3.25	5.72	214	5	11	26,365	-207	1,717	1,057	26,572
344+50.00	34450.00	50.00	115.29	1.56	5.76	213	4	11	26,578	-213	1,732	1,066	26,791
345+00.00	34500.00	50.00	108.94	7.83	5.45	208	9	10	26,786	-212	1,745	1,074	26,998
345+50.00	34550.00	50.00	129.08	0.47	6.45	220	8	11	27,006	-213	1,759	1,082	27,219
346+00.00	34600.00	50.00	127.36	0.32	6.37	237	1	12	27,243	-224	1,775	1,092	27,467
346+50.00	34650.00	50.00	139.66	0.19	6.98	247	0	12	27,490	-236	1,790	1,102	27,726
347+00.00	34700.00	50.00	150.14	2.16	7.51	268	2	13	27,758	-246	1,807	1,112	28,004
347+50.00	34750.00	50.00	170.33	0.00	8.52	297	2	15	28,055	-259	1,827	1,124	28,314
348+00.00	34800.00	50.00	141.20	0.22	7.06	288	0	14	28,343	-273	1,845	1,135	28,616
348+50.00	34850.00	50.00	140.12	0.32	7.01	260	1	13	28,603	-285	1,862	1,146	28,888
349+00.00	34900.00	50.00	136.56	0.05	6.83	256	0	13	28,859	-298	1,879	1,156	29,157
349+50.00	34950.00	50.00	140.54	0.37	7.03	257	0	13	29,116	-311	1,895	1,166	29,427
350+00.00	35000.00	50.00	135.78	0.63	6.79	256	1	13	29,372	-322	1,912	1,177	29,694
350+50.00	35050.00	50.00	155.54	0.00	7.78	270	1	13	29,642	-334	1,929	1,187	29,976
351+00.00	35100.00	50.00	118.05	2.49	5.90	253	2	13	29,895	-345	1,946	1,198	30,240
351+50.00	35150.00	50.00	137.96	0.00	6.90	237	2	12	30,132	-354	1,962	1,207	30,486
352+00.00	35200.00	50.00	132.35	1.68	6.62	250	2	13	30,382	-365	1,979	1,218	30,747
352+50.00	35250.00	50.00	122.45	2.77	6.12	236	4	12	30,618	-372	1,994	1,227	30,990
353+00.00	35300.00	50.00	122.19	1.54	6.11	227	4	11	30,845	-378	2,009	1,236	31,223

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 417 | E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 03

PLOT DATE : 9/25/2024 3:28 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

DIVISION - US 51_NB

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
353+50.00	35350.00	50.00	137.80	1.08	6.89	241	2	12	31,086	-387	2,024	1,246	31,473
354+00.00	35400.00	50.00	127.09	1.47	6.35	245	2	12	31,331	-397	2,040	1,255	31,728
354+50.00	35450.00	50.00	108.56	3.84	5.43	218	5	11	31,549	-401	2,054	1,264	31,950
355+00.00	35500.00	50.00	117.27	3.28	5.86	209	7	10	31,758	-403	2,067	1,272	32,161
355+50.00	35550.00	50.00	125.69	0.42	6.28	225	3	11	31,983	-410	2,081	1,281	32,393
356+00.00	35600.00	50.00	120.80	2.29	6.04	228	3	11	32,211	-417	2,096	1,290	32,628
356+50.00	35650.00	50.00	0.00	0.00	0.00	112	2	6	32,323	-421	2,103	1,294	32,744
357+00.00	35700.00	50.00	132.07	0.00	6.60	122	0	6	32,445	-427	2,111	1,299	32,872
357+50.00	35750.00	50.00	140.59	0.00	7.03	252	0	13	32,697	-440	2,128	1,310	33,137
358+00.00	35800.00	50.00	141.50	0.00	7.08	261	0	13	32,958	-453	2,145	1,320	33,411
358+50.00	35850.00	50.00	134.94	0.05	6.75	256	0	13	33,214	-466	2,162	1,330	33,680
359+00.00	35900.00	50.00	142.06	0.00	7.10	256	0	13	33,470	-479	2,179	1,341	33,949
359+50.00	35950.00	50.00	161.67	0.00	8.08	281	0	14	33,751	-493	2,197	1,352	34,244
360+00.00	36000.00	50.00	138.32	0.00	6.92	278	0	14	34,029	-507	2,215	1,363	34,536
360+50.00	36050.00	50.00	127.36	0.00	6.37	246	0	12	34,275	-519	2,231	1,373	34,794
361+00.00	36100.00	50.00	147.98	0.00	7.40	255	0	13	34,530	-532	2,248	1,383	35,062
361+50.00	36150.00	50.00	133.96	4.19	6.70	261	4	13	34,791	-540	2,265	1,394	35,331
362+00.00	36200.00	50.00	165.90	410.87	8.30	278	384	14	35,069	-74	2,283	1,405	35,143
362+50.00	36250.00	50.00	225.61	5.17	11.28	363	385	18	35,432	390	2,306	1,419	35,042
363+00.00	36300.00	50.00	241.09	1.83	12.05	432	6	22	35,864	375	2,335	1,437	35,489
363+50.00	36350.00	50.00	206.30	0.43	10.32	414	2	21	36,278	357	2,362	1,454	35,921
364+00.00	36400.00	50.00	224.79	0.00	11.24	399	0	20	36,677	337	2,388	1,470	36,340
364+50.00	36450.00	50.00	237.36	0.00	11.87	428	0	21	37,105	316	2,415	1,486	36,789
364+92.95	36492.95	42.95	144.49	0.00	7.22	304	0	15	37,409	301	2,435	1,498	37,108

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 418 | E

DIVISION - SPRING RD

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
						NOTE 1	NOTE 3		1.00 NOTE 1	1.25	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
10+23.30	1023.30	0.00	8.92	0.00	0.45	0	0	0	0	0	0	0	0
10+25.00	1025.00	1.70	21.69	0.00	1.08	1	0	0	1	0	0	0	1
10+30.00	1030.00	5.00	59.70	0.00	2.98	8	0	0	9	0	0	0	9
10+35.00	1035.00	5.00	101.32	0.00	5.07	15	0	1	24	-1	1	1	25
10+40.00	1040.00	5.00	150.26	0.00	7.51	23	0	1	47	-2	3	2	49
10+45.00	1045.00	5.00	162.39	0.00	8.12	29	0	1	76	-3	4	2	79
10+50.00	1050.00	5.00	157.61	0.08	7.88	30	0	1	106	-4	5	3	110
10+55.00	1055.00	5.00	146.06	0.01	7.30	28	0	1	134	-5	7	4	139
10+60.00	1060.00	5.00	147.63	0.01	7.38	27	0	1	161	-6	8	5	167
10+65.00	1065.00	5.00	134.26	0.00	6.71	26	0	1	187	-7	9	6	194
10+70.00	1070.00	5.00	123.75	0.00	6.19	24	0	1	211	-8	10	6	219
10+75.00	1075.00	5.00	114.28	0.00	5.71	22	0	1	233	-9	12	7	242
10+80.00	1080.00	5.00	106.82	0.00	5.34	20	0	1	253	-10	13	8	263
10+85.00	1085.00	5.00	100.28	0.00	5.01	19	0	1	272	-11	14	9	283
10+90.00	1090.00	5.00	103.77	0.00	5.19	19	0	1	291	-12	16	10	303
10+95.00	1095.00	5.00	96.97	0.00	4.85	19	0	1	310	-13	17	10	323
11+00.00	1100.00	5.00	95.95	0.00	4.80	18	0	1	328	-14	18	11	342
11+05.00	1105.00	5.00	96.21	0.00	4.81	18	0	1	346	-15	20	12	361
11+10.00	1110.00	5.00	97.95	0.00	4.90	18	0	1	364	-16	21	13	380
11+15.00	1115.00	5.00	91.49	0.00	4.57	18	0	1	382	-17	22	14	399
11+20.00	1120.00	5.00	89.26	0.00	4.46	17	0	1	399	-18	23	14	417
11+25.00	1125.00	5.00	90.54	0.00	4.53	17	0	1	416	-19	25	15	435
11+30.00	1130.00	5.00	90.42	0.04	4.52	17	0	1	433	-20	26	16	453
11+35.00	1135.00	5.00	88.22	0.12	4.41	17	0	1	450	-21	27	17	471
11+40.00	1140.00	5.00	86.69	0.00	4.33	16	0	1	466	-22	29	18	488
11+45.00	1145.00	5.00	85.33	0.00	4.27	16	0	1	482	-23	30	18	505
11+50.00	1150.00	5.00	83.32	0.00	4.17	16	0	1	498	-24	31	19	522
11+55.00	1155.00	5.00	80.25	0.00	4.01	15	0	1	513	-25	33	20	538
11+60.00	1160.00	5.00	77.59	0.00	3.88	15	0	1	528	-26	34	21	554
11+65.00	1165.00	5.00	74.97	0.00	3.75	14	0	1	542	-27	35	22	569
11+70.00	1170.00	5.00	72.62	0.00	3.63	14	0	1	556	-28	36	22	584

DIVISION - RACE TRACK RD

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
						NOTE 1	NOTE 3		1.00 NOTE 1	1.25	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
9+34.65	934.65	0.00	8.28	0.00	0.41	0	0	0	0	0	0	0	0
9+35.00	935.00	0.35	28.61	0.00	1.43	0	0	0	0	0	0	0	0
9+40.00	940.00	5.00	140.32	0.01	7.02	16	0	1	16	-1	1	1	17
9+45.00	945.00	5.00	146.40	0.32	7.32	27	0	1	43	-2	3	2	45
9+50.00	950.00	5.00	146.06	0.67	7.30	27	0	1	70	-3	4	2	73
9+55.00	955.00	5.00	146.14	0.98	7.31	27	0	1	97	-4	5	3	101
9+60.00	960.00	5.00	153.74	0.00	7.69	28	0	1	125	-5	7	4	130
9+65.00	965.00	5.00	121.07	0.00	6.05	25	0	1	150	-6	8	5	156
9+70.00	970.00	5.00	88.62	0.00	4.43	19	0	1	169	-7	9	6	176
9+75.00	975.00	5.00	54.94	0.00	2.75	13	0	1	182	-8	10	6	190
9+80.00	980.00	5.00	20.10	0.00	1.01	7	0	0	189	-8	10	6	197
9+80.95	980.95	0.95	13.71	0.00	0.69	1	0	0	190	-8	10	6	198

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 419 | E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 05

PLOT DATE : 9/25/2024 3:28 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49

DIVISION - ASHBERRY LN

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+20.69	1020.69	0.00	4.40	0.00	0.22	0	0	0	0	0	0	0	0
10+25.00	1025.00	4.31	33.48	0.00	1.67	3	0	0	3	0	0	0	3
10+30.00	1030.00	5.00	71.05	0.00	3.55	10	0	0	13	0	0	0	13
10+35.00	1035.00	5.00	111.57	0.00	5.58	17	0	1	30	-1	1	1	31
10+40.00	1040.00	5.00	136.59	0.00	6.83	23	0	1	53	-2	3	2	55
10+45.00	1045.00	5.00	134.18	0.00	6.71	25	0	1	78	-3	4	2	81
10+50.00	1050.00	5.00	116.63	0.00	5.83	23	0	1	101	-4	5	3	105
10+55.00	1055.00	5.00	113.82	0.00	5.69	21	0	1	122	-5	7	4	127
10+60.00	1060.00	5.00	122.47	0.00	6.12	22	0	1	144	-6	8	5	150
10+65.00	1065.00	5.00	120.91	0.00	6.05	23	0	1	167	-7	9	6	174
10+70.00	1070.00	5.00	119.53	0.00	5.98	22	0	1	189	-8	10	6	197
10+74.99	1074.99	4.99	118.09	0.00	5.90	22	0	1	211	-9	12	7	220

DIVISION - CTH A

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
8+70.00	870.00	0.00	148.67	0.00	7.43	0	0	0	0	0	0	0	0
8+75.00	875.00	5.00	148.83	0.00	7.44	28	0	1	28	-1	1	1	29
8+80.00	880.00	5.00	149.26	0.00	7.46	28	0	1	56	-2	3	2	58
8+85.00	885.00	5.00	153.16	0.00	7.66	28	0	1	84	-3	4	2	87
8+90.00	890.00	5.00	157.72	0.00	7.89	29	0	1	113	-4	5	3	117
8+95.00	895.00	5.00	162.13	0.00	8.11	30	0	1	143	-5	7	4	148
9+00.00	900.00	5.00	165.44	0.00	8.27	30	0	2	173	-7	9	6	180
9+05.00	905.00	5.00	167.11	0.04	8.36	31	0	2	204	-9	12	7	213
9+10.00	910.00	5.00	172.24	0.00	8.61	31	0	2	235	-11	14	9	246
9+15.00	915.00	5.00	161.34	0.00	8.07	31	0	2	266	-13	17	10	279
9+20.00	920.00	5.00	170.10	0.00	8.50	31	0	2	297	-15	20	12	312
9+25.00	925.00	5.00	174.00	0.00	8.70	32	0	2	329	-17	22	14	346
9+30.00	930.00	5.00	86.87	0.00	4.34	24	0	1	353	-18	23	14	371
9+35.00	935.00	5.00	191.29	0.00	9.56	26	0	1	379	-19	25	15	398
9+40.00	940.00	5.00	206.74	0.00	10.34	37	0	2	416	-21	27	17	437
9+45.00	945.00	5.00	207.07	0.00	10.35	38	0	2	454	-23	30	18	477
9+50.00	950.00	5.00	158.80	0.00	7.94	34	0	2	488	-25	33	20	513
9+55.00	955.00	5.00	105.15	0.00	5.26	24	0	1	512	-26	34	21	538
9+60.00	960.00	5.00	50.10	0.00	2.51	14	0	1	526	-27	35	22	553
9+63.44	963.44	3.44	12.48	0.00	0.62	4	0	0	530	-27	35	22	557

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION - CTH N

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+22.94	1022.94	0.00	7.97	0.00	0.40	0	0	0	0	0	0	0	0
10+25.00	1025.00	2.06	24.53	0.00	1.23	1	0	0	1	0	0	0	1
10+30.00	1030.00	5.00	66.13	0.00	3.31	8	0	0	9	0	0	0	9
10+35.00	1035.00	5.00	108.41	0.00	5.42	16	0	1	25	-1	1	1	26
10+40.00	1040.00	5.00	147.81	0.00	7.39	24	0	1	49	-2	3	2	51
10+45.00	1045.00	5.00	167.09	0.92	8.35	29	0	1	78	-3	4	2	81
10+50.00	1050.00	5.00	191.01	7.36	9.55	33	1	2	111	-4	7	4	115
10+55.00	1055.00	5.00	183.31	5.47	9.17	35	1	2	146	-5	9	6	151
10+60.00	1060.00	5.00	178.73	1.79	8.94	34	1	2	180	-5	12	7	185
10+65.00	1065.00	5.00	172.11	0.12	8.61	32	0	2	212	-7	14	9	219
10+70.00	1070.00	5.00	165.95	0.14	8.30	31	0	2	243	-9	17	10	252
10+75.00	1075.00	5.00	179.80	0.13	8.99	32	0	2	275	-11	20	12	286
10+80.00	1080.00	5.00	179.94	0.10	9.00	33	0	2	308	-13	22	14	321
10+85.00	1085.00	5.00	180.20	0.14	9.01	33	0	2	341	-15	25	15	356
10+90.00	1090.00	5.00	180.62	0.17	9.03	33	0	2	374	-17	27	17	391
10+95.00	1095.00	5.00	180.57	0.15	9.03	33	0	2	407	-19	30	18	426
11+00.00	1100.00	5.00	180.94	0.11	9.05	33	0	2	440	-21	33	20	461
11+05.00	1105.00	5.00	180.89	0.09	9.04	34	0	2	474	-23	35	22	497
11+10.00	1110.00	5.00	180.61	0.13	9.03	33	0	2	507	-25	38	23	532
11+15.00	1115.00	5.00	180.75	0.15	9.04	33	0	2	540	-27	40	25	567
11+20.00	1120.00	5.00	180.56	0.06	9.03	33	0	2	573	-29	43	26	602
11+25.00	1125.00	5.00	178.97	0.13	8.95	33	0	2	606	-31	46	28	637
11+30.00	1130.00	5.00	171.85	0.20	8.59	32	0	2	638	-33	48	30	671
11+35.00	1135.00	5.00	169.90	0.19	8.49	32	0	2	670	-35	51	31	705
11+40.00	1140.00	5.00	168.62	0.19	8.43	31	0	2	701	-37	53	33	738
11+45.00	1145.00	5.00	166.12	0.16	8.31	31	0	2	732	-39	56	34	771
11+50.00	1150.00	5.00	163.78	0.21	8.19	31	0	2	763	-41	59	36	804
11+55.00	1155.00	5.00	162.23	0.19	8.11	30	0	2	793	-43	61	38	836
11+60.00	1160.00	5.00	161.16	0.15	8.06	30	0	1	823	-44	62	38	867
11+65.00	1165.00	5.00	145.72	0.03	7.29	28	0	1	851	-45	64	39	896
11+70.00	1170.00	5.00	136.23	0.02	6.81	26	0	1	877	-46	65	40	923
11+75.00	1175.00	5.00	127.16	0.02	6.36	24	0	1	901	-47	66	41	948
11+80.00	1180.00	5.00	118.52	0.03	5.93	23	0	1	924	-48	68	42	972

DIVISION - CHALET DR

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
8+95.00	895.00	0.00	91.91	0.07	4.60	0	0	0	0	0	0	0	0
9+00.00	900.00	5.00	95.25	0.11	4.76	17	0	1	17	-1	1	1	18
9+05.00	905.00	5.00	94.77	0.05	4.74	18	0	1	35	-2	3	2	37
9+10.00	910.00	5.00	91.02	0.05	4.55	17	0	1	52	-3	4	2	55
9+15.00	915.00	5.00	89.89	0.36	4.49	17	0	1	69	-4	5	3	73
9+20.00	920.00	5.00	89.84	0.32	4.49	17	0	1	86	-5	7	4	91
9+25.00	925.00	5.00	90.20	0.29	4.51	17	0	1	103	-6	8	5	109
9+30.00	930.00	5.00	89.05	0.28	4.45	17	0	1	120	-7	9	6	127
9+35.00	935.00	5.00	87.23	0.20	4.36	16	0	1	136	-8	10	6	144
9+40.00	940.00	5.00	92.25	0.23	4.61	17	0	1	153	-9	12	7	162
9+45.00	945.00	5.00	90.03	0.22	4.50	17	0	1	170	-10	13	8	180
9+50.00	950.00	5.00	90.35	0.13	4.52	17	0	1	187	-11	14	9	198
9+55.00	955.00	5.00	98.64	0.12	4.93	17	0	1	204	-12	16	10	216
9+60.00	960.00	5.00	101.18	0.03	5.06	19	0	1	223	-13	17	10	236
9+65.00	965.00	5.00	107.45	0.00	5.37	19	0	1	242	-14	18	11	256
9+70.00	970.00	5.00	81.56	0.00	4.08	18	0	1	260	-15	20	12	275
9+75.00	975.00	5.00	50.10	0.00	2.51	12	0	1	272	-16	21	13	288
9+80.00	980.00	5.00	19.09	0.00	0.95	6	0	0	278	-16	21	13	294
9+82.54	982.54	2.54	2.90	0.00	0.15	1	0	0	279	-16	21	13	295

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION - AMUNDSON PKWY

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+20.83	1020.83	0.00	8.26	0.00	0.41	0	0	0	0	0	0	0	0
10+25.00	1025.00	4.17	41.80	0.00	2.09	4	0	0	4	0	0	0	4
10+30.00	1030.00	5.00	83.97	0.00	4.20	12	0	1	16	-1	1	1	17
10+35.00	1035.00	5.00	123.89	0.00	6.19	19	0	1	35	-2	3	2	37
10+40.00	1040.00	5.00	156.22	0.00	7.81	26	0	1	61	-3	4	2	64
10+45.00	1045.00	5.00	135.29	0.00	6.76	27	0	1	88	-4	5	3	92
10+50.00	1050.00	5.00	147.23	0.00	7.36	26	0	1	114	-5	7	4	119
10+55.00	1055.00	5.00	143.04	0.00	7.15	27	0	1	141	-6	8	5	147
10+60.00	1060.00	5.00	139.47	0.00	6.97	26	0	1	167	-7	9	6	174
10+65.00	1065.00	5.00	134.90	0.00	6.75	25	0	1	192	-8	10	6	200
10+70.00	1070.00	5.00	131.23	0.02	6.56	25	0	1	217	-9	12	7	226
10+75.00	1075.00	5.00	128.49	0.02	6.42	24	0	1	241	-10	13	8	251
10+80.00	1080.00	5.00	126.96	0.04	6.35	24	0	1	265	-11	14	9	276
10+84.80	1084.80	4.80	126.41	0.01	6.32	23	0	1	288	-12	16	10	300

DIVISION - N HENRY ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+18.16	1018.16	0.00	7.44	0.00	0.37	0	0	0	0	0	0	0	0
10+20.00	1020.00	1.84	19.14	0.00	0.96	1	0	0	1	0	0	0	1
10+25.00	1025.00	5.00	53.58	0.00	2.68	7	0	0	8	0	0	0	8
10+30.00	1030.00	5.00	96.61	0.00	4.83	14	0	1	22	-1	1	1	23
10+35.00	1035.00	5.00	135.07	0.00	6.75	21	0	1	43	-2	3	2	45
10+40.00	1040.00	5.00	130.33	0.00	6.52	25	0	1	68	-3	4	2	71
10+45.00	1045.00	5.00	129.33	0.00	6.47	24	0	1	92	-4	5	3	96
10+50.00	1050.00	5.00	121.40	0.00	6.07	23	0	1	115	-5	7	4	120
10+55.00	1055.00	5.00	94.17	0.00	4.71	20	0	1	135	-6	8	5	141
10+60.00	1060.00	5.00	102.24	0.00	5.11	18	0	1	153	-7	9	6	160
10+65.00	1065.00	5.00	98.91	0.02	4.95	19	0	1	172	-8	10	6	180
10+70.00	1070.00	5.00	96.69	0.07	4.83	18	0	1	190	-9	12	7	199
10+75.00	1075.00	5.00	95.95	0.00	4.80	18	0	1	208	-10	13	8	218
10+80.00	1080.00	5.00	94.15	0.02	4.71	18	0	1	226	-11	14	9	237

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION - S HENRY ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
8+90.00	890.00	0.00	82.93	0.00	4.15	0.00	0	0	0	0	0	0	0
8+95.00	895.00	5.00	79.42	0.00	3.97	15.00	0	1	15	-1	1	1	16
9+00.00	900.00	5.00	79.28	0.00	3.96	15.00	0	1	30	-2	3	2	32
9+05.00	905.00	5.00	78.82	0.00	3.94	15.00	0	1	45	-3	4	2	48
9+10.00	910.00	5.00	79.04	0.00	3.95	15.00	0	1	60	-4	5	3	64
9+15.00	915.00	5.00	80.13	0.00	4.01	15.00	0	1	75	-5	7	4	80
9+20.00	920.00	5.00	82.01	0.00	4.10	15.00	0	1	90	-6	8	5	96
9+25.00	925.00	5.00	83.86	0.00	4.19	15.00	0	1	105	-7	9	6	112
9+30.00	930.00	5.00	86.06	0.00	4.30	16.00	0	1	121	-8	10	6	129
9+35.00	935.00	5.00	89.44	0.00	4.47	16.00	0	1	137	-9	12	7	146
9+40.00	940.00	5.00	78.25	0.00	3.91	16.00	0	1	153	-10	13	8	163
9+45.00	945.00	5.00	81.55	0.00	4.08	15.00	0	1	168	-11	14	9	179
9+50.00	950.00	5.00	84.83	0.00	4.24	15.00	0	1	183	-12	16	10	195
9+55.00	955.00	5.00	103.21	0.00	5.16	17.00	0	1	200	-13	17	10	213
9+60.00	960.00	5.00	107.58	0.00	5.38	20.00	0	1	220	-14	18	11	234
9+65.00	965.00	5.00	118.79	0.00	5.94	21.00	0	1	241	-15	20	12	256
9+70.00	970.00	5.00	109.21	0.00	5.46	21.00	0	1	262	-16	21	13	278
9+75.00	975.00	5.00	64.14	0.00	3.21	16.00	0	1	278	-17	22	14	295
9+80.00	980.00	5.00	23.47	0.00	1.17	8.00	0	0	286	-17	22	14	303
9+82.25	982.25	2.25	5.58	0.00	0.28	1.00	0	0	287	-17	22	14	304

DIVISION - N MORRIS ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+20.70	1020.70	0.00	4.99	0.00	0.25	0	0	0	0	0	0	0	0
10+25.00	1025.00	4.30	39.75	0.00	1.99	4	0	0	4	0	0	0	4
10+30.00	1030.00	5.00	81.70	0.00	4.09	11	0	1	15	-1	1	1	16
10+35.00	1035.00	5.00	120.26	0.00	6.01	19	0	1	34	-2	3	2	36
10+40.00	1040.00	5.00	130.10	0.00	6.50	23	0	1	57	-3	4	2	60
10+45.00	1045.00	5.00	128.34	0.00	6.42	24	0	1	81	-4	5	3	85
10+50.00	1050.00	5.00	107.86	0.00	5.39	22	0	1	103	-5	7	4	108
10+55.00	1055.00	5.00	116.49	0.00	5.82	21	0	1	124	-6	8	5	130
10+60.00	1060.00	5.00	117.19	0.00	5.86	22	0	1	146	-7	9	6	153
10+65.00	1065.00	5.00	110.92	0.00	5.55	21	0	1	167	-8	10	6	175
10+70.00	1070.00	5.00	107.38	0.00	5.37	20	0	1	187	-9	12	7	196
10+75.00	1075.00	5.00	104.94	0.00	5.25	20	0	1	207	-10	13	8	217
10+80.00	1080.00	5.00	102.60	0.00	5.13	19	0	1	226	-11	14	9	237
10+85.00	1085.00	5.00	99.90	0.00	4.99	19	0	1	245	-12	16	10	257
10+90.00	1090.00	5.00	97.85	0.00	4.89	18	0	1	263	-13	17	10	276
10+95.00	1095.00	5.00	96.21	0.00	4.81	18	0	1	281	-14	18	11	295
11+00.00	1100.00	5.00	94.85	0.00	4.74	18	0	1	299	-15	20	12	314
11+05.00	1105.00	5.00	94.31	0.00	4.72	18	0	1	317	-16	21	13	333
11+10.00	1110.00	5.00	93.99	0.00	4.70	17	0	1	334	-17	22	14	351
11+15.00	1115.00	5.00	93.57	0.00	4.68	17	0	1	351	-18	23	14	369
11+19.96	1119.96	4.96	93.04	0.01	4.65	17	0	1	368	-19	25	15	387

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

DIVISION - S MORRIS ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
9+50.43	950.43	0.00	97.13	0.32	4.86	0	0	0	0	0	0	0	0
9+55.00	955.00	4.57	96.12	0.64	4.81	16	0	1	16	-1	1	1	17
9+60.00	960.00	5.00	94.15	0.44	4.71	18	0	1	34	-2	3	2	36
9+65.00	965.00	5.00	96.50	0.00	4.82	18	0	1	52	-3	4	2	55
9+70.00	970.00	5.00	67.81	0.00	3.39	15	0	1	67	-4	5	3	71
9+75.00	975.00	5.00	33.56	0.00	1.68	9	0	0	76	-4	5	3	80
9+79.25	979.25	4.25	4.40	0.00	0.22	3	0	0	79	-4	5	3	83

DIVISION - N FRANKLIN ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+17.65	1017.65	0.00	4.15	0.00	0.21	0	0	0	0	0	0	0	0
10+20.00	1020.00	2.35	19.56	0.00	0.98	1	0	0	1	0	0	0	1
10+25.00	1025.00	5.00	52.52	0.00	2.63	7	0	0	8	0	0	0	8
10+30.00	1030.00	5.00	86.53	0.00	4.33	13	0	1	21	-1	1	1	22
10+35.00	1035.00	5.00	104.49	0.00	5.22	18	0	1	39	-2	3	2	41
10+40.00	1040.00	5.00	110.16	0.72	5.51	20	0	1	59	-3	4	2	62
10+45.00	1045.00	5.00	112.84	0.25	5.64	21	0	1	80	-4	5	3	84
10+50.00	1050.00	5.00	114.08	0.00	5.70	21	0	1	101	-5	7	4	106
10+55.00	1055.00	5.00	113.40	0.00	5.67	21	0	1	122	-6	8	5	128
10+60.00	1060.00	5.00	110.96	0.00	5.55	21	0	1	143	-7	9	6	150
10+65.00	1065.00	5.00	107.79	0.00	5.39	20	0	1	163	-8	10	6	171
10+70.00	1070.00	5.00	104.33	0.01	5.22	20	0	1	183	-9	12	7	192
10+74.89	1074.89	4.89	0.00	0.00	0.00	9	0	0	192	-9	12	7	201

DIVISION - S FRANKLIN ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
9+15.00	915.00	0.00	104.92	0.00	5.25	0	0	0	0	0	0	0	0
9+20.00	920.00	5.00	104.62	0.07	5.23	19	0	1	19	-1	1	1	20
9+25.00	925.00	5.00	105.48	0.09	5.27	19	0	1	38	-2	3	2	40
9+30.00	930.00	5.00	105.79	0.00	5.29	20	0	1	58	-3	4	2	61
9+35.00	935.00	5.00	107.34	0.00	5.37	20	0	1	78	-4	5	3	82
9+40.00	940.00	5.00	106.87	0.00	5.34	20	0	1	98	-5	7	4	103
9+45.00	945.00	5.00	106.59	0.00	5.33	20	0	1	118	-6	8	5	124
9+50.00	950.00	5.00	107.93	0.00	5.40	20	0	1	138	-7	9	6	145
9+55.00	955.00	5.00	113.51	0.34	5.68	21	0	1	159	-8	10	6	167
9+60.00	960.00	5.00	116.97	0.20	5.85	21	0	1	180	-9	12	7	189
9+65.00	965.00	5.00	117.76	0.00	5.89	22	0	1	202	-10	13	8	212
9+70.00	970.00	5.00	94.26	0.00	4.71	20	0	1	222	-11	14	9	233
9+75.00	975.00	5.00	56.61	0.00	2.83	14	0	1	236	-12	16	10	248
9+80.00	980.00	5.00	21.01	0.00	1.05	7	0	0	243	-12	16	10	255
9+82.20	982.20	2.20	5.23	0.00	0.26	1	0	0	244	-12	16	10	256

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

9

9

PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 424 | E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 10

PLOT DATE : 9/25/2024 3:28 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1" = 1'

DIVISION - ACADEMY ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
9+45.02	945.02	0.00	99.79	0.00	4.99	0	0	0	0	0	0	0	0
9+50.00	950.00	4.98	99.43	0.00	4.97	18	0	1	18	-1	1	1	19
9+55.00	955.00	5.00	98.65	0.00	4.93	18	0	1	36	-2	3	2	38
9+60.00	960.00	5.00	97.59	0.08	4.88	18	0	1	54	-3	4	2	57
9+65.00	965.00	5.00	98.69	1.41	4.93	18	0	1	72	-4	5	3	76
9+70.00	970.00	5.00	83.06	0.00	4.15	17	0	1	89	-5	7	4	94
9+75.00	975.00	5.00	49.74	0.00	2.49	12	0	1	101	-6	8	5	107
9+80.00	980.00	5.00	16.90	0.00	0.85	6	0	0	107	-6	8	5	113
9+81.93	981.93	1.93	3.84	0.00	0.19	1	0	0	108	-6	8	5	114

DIVISION - CHURCH ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+22.34	1022.34	0.00	2.54	0.00	0.13	0	0	0	0	0	0	0	0
10+25.00	1025.00	2.66	22.66	0.00	1.13	1	0	0	1	0	0	0	1
10+30.00	1030.00	5.00	60.12	0.00	3.01	8	0	0	9	0	0	0	9
10+35.00	1035.00	5.00	96.19	0.00	4.81	14	0	1	23	-1	1	1	24
10+40.00	1040.00	5.00	117.60	0.00	5.88	20	0	1	43	-2	3	2	45
10+45.00	1045.00	5.00	118.04	0.28	5.90	22	0	1	65	-3	4	2	68
10+46.47	1046.47	1.47	0.00	0.00	0.00	3	0	0	68	-3	4	2	71
10+52.59	1052.59	6.12	0.00	0.00	0.00	0	0	0	68	-3	4	2	71

DIVISION - N LYNN ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
10+22.39	1022.39	0.00	3.90	0.00	0.20	0	0	0	0	0	0	0	0
10+25.00	1025.00	2.61	20.42	0.00	1.02	1	0	0	1	0	0	0	1
10+30.00	1030.00	5.00	53.73	0.00	2.69	7	0	0	8	0	0	0	8
10+35.00	1035.00	5.00	90.54	0.00	4.53	13	0	1	21	-1	1	1	22
10+40.00	1040.00	5.00	118.48	0.00	5.92	19	0	1	40	-2	3	2	42
10+45.00	1045.00	5.00	80.79	1.73	4.04	18	0	1	58	-3	4	2	61
10+50.00	1050.00	5.00	80.37	0.01	4.02	15	0	1	73	-4	5	3	77

DIVISION - S LYNNE ST SB

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
									1.00	1.25	1.30	0.80	
						NOTE 1	NOTE 3		NOTE 1		NOTE 5	NOTE 7	NOTE 8
9+45.00	945.00	0.00	111.33	0.00	5.57	0	0	0	0	0	0	0	0
9+50.00	950.00	5.00	113.19	0.00	5.66	21	0	1	21	0	1	0	21
9+55.00	955.00	5.00	106.53	1.39	5.33	20	0	1	41	0	3	0	41
9+60.00	960.00	5.00	115.09	0.56	5.75	21	0	1	62	0	4	0	62
9+65.00	965.00	5.00	99.53	0.00	4.98	20	0	1	82	0	5	0	82
9+70.00	970.00	5.00	59.05	0.00	2.95	15	0	1	97	0	7	0	97
9+75.00	975.00	5.00	22.37	0.00	1.12	8	0	0	105	0	7	0	105
9+77.70	977.70	2.70	3.98	0.00	0.20	1	0	0	106	0	7	0	106

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

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DIVISION - HILLSIDE AVE

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
						NOTE 1	NOTE 3		1.00 NOTE 1	1.25	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
10+13.47	1013.47	0.00	4.38	0.00	0.22	0	0	0	0	0	0	0	0
10+15.00	1015.00	1.53	15.58	0.00	0.78	1	0	0	1	0	0	0	1
10+20.00	1020.00	5.00	50.99	0.00	2.55	6	0	0	7	0	0	0	7
10+25.00	1025.00	5.00	82.33	0.00	4.12	12	0	1	19	-1	1	1	20
10+30.00	1030.00	5.00	71.84	2.81	3.59	14	0	1	33	-2	3	2	35
10+35.00	1035.00	5.00	101.54	1.12	5.08	16	0	1	49	-3	4	2	52
10+40.00	1040.00	5.00	106.08	0.86	5.30	19	0	1	68	-4	5	3	72
10+45.00	1045.00	5.00	97.86	0.71	4.89	19	0	1	87	-5	7	4	92
10+50.00	1050.00	5.00	94.04	0.53	4.70	18	0	1	105	-6	8	5	111
10+55.00	1055.00	5.00	89.66	1.73	4.48	17	0	1	122	-7	9	6	129
10+60.00	1060.00	5.00	86.44	1.12	4.32	16	0	1	138	-8	10	6	146
10+65.00	1065.00	5.00	85.41	0.98	4.27	16	0	1	154	-9	12	7	163
10+70.00	1070.00	5.00	86.64	0.51	4.33	16	0	1	170	-10	13	8	180
10+75.00	1075.00	5.00	90.56	0.53	4.53	16	0	1	186	-11	14	9	197
10+80.00	1080.00	5.00	95.29	0.14	4.76	17	0	1	203	-12	16	10	215
10+85.00	1085.00	5.00	98.96	0.08	4.95	18	0	1	221	-13	17	10	234
10+90.00	1090.00	5.00	88.42	0.07	4.42	17	0	1	238	-14	18	11	252
10+93.13	1093.13	3.13	84.69	0.07	4.23	10	0	1	248	-15	20	12	263

DIVISION - SEVENTH ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
						NOTE 1	NOTE 3		1.00 NOTE 1	1.25	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
9+35.00	935.00	0.00	90.27	0.00	4.51	0	0	0	0	0	0	0	0
9+40.00	940.00	5.00	92.80	0.00	4.64	17	0	1	17	-1	1	1	18
9+45.00	945.00	5.00	95.86	0.00	4.79	17	0	1	34	-2	3	2	36
9+50.00	950.00	5.00	98.68	0.00	4.93	18	0	1	52	-3	4	2	55
9+55.00	955.00	5.00	101.17	0.00	5.06	19	0	1	71	-4	5	3	75
9+60.00	960.00	5.00	100.41	0.00	5.02	19	0	1	90	-5	7	4	95
9+65.00	965.00	5.00	97.98	0.00	4.90	18	0	1	108	-6	8	5	114
9+70.00	970.00	5.00	64.42	0.00	3.22	15	0	1	123	-7	9	6	130
9+75.00	975.00	5.00	23.01	0.00	1.15	8	0	0	131	-7	9	6	138
9+77.70	977.70	2.70	1.13	0.00	0.06	1	0	0	132	-7	9	6	139

DIVISION - SIXTH ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
						NOTE 1	NOTE 3		1.00 NOTE 1	1.25	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
9+05.00	905.00	0.00	96.54	0.33	4.83	0	0	0	0	0	0	0	0
9+10.00	910.00	5.00	100.41	0.15	5.02	18	0	1	18	-1	1	1	19
9+15.00	915.00	5.00	103.55	0.10	5.18	19	0	1	37	-2	3	2	39
9+20.00	920.00	5.00	101.90	0.68	5.10	19	0	1	56	-3	4	2	59
9+25.00	925.00	5.00	102.14	0.22	5.11	19	0	1	75	-4	5	3	79
9+30.00	930.00	5.00	106.89	0.00	5.34	19	0	1	94	-5	7	4	99
9+35.00	935.00	5.00	115.79	0.00	5.79	21	0	1	115	-6	8	5	121
9+40.00	940.00	5.00	106.73	0.00	5.34	21	0	1	136	-7	9	6	143
9+45.00	945.00	5.00	102.49	0.00	5.12	19	0	1	155	-8	10	6	163
9+50.00	950.00	5.00	95.80	0.00	4.79	18	0	1	173	-9	12	7	182
9+55.00	955.00	5.00	87.27	0.00	4.36	17	0	1	190	-10	13	8	200
9+60.00	960.00	5.00	78.74	0.00	3.94	15	0	1	205	-11	14	9	216
9+65.00	965.00	5.00	68.96	0.00	3.45	14	0	1	219	-12	16	10	231
9+70.00	970.00	5.00	61.44	0.04	3.07	12	0	1	231	-13	17	10	244
9+75.00	975.00	5.00	36.74	0.00	1.84	9	0	0	240	-13	17	10	253
9+77.43	977.43	2.43	3.27	0.00	0.16	2	0	0	242	-13	17	10	255

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

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PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 426 | E

DIVISION - FIFTH ST

STATION	REAL STATION	DISTANCE	AREA (SF)			INCREMENTAL VOL (CY) (UNADJUSTED)			CUMULATIVE VOL (CY)				
			CUT	FILL	EBS	CUT	FILL	EBS	CUT	EXPANDED FILL	EXPANDED EBS BACKFILL	REDUCED EBS IN FILL	MASS ORDINATE
						NOTE 1	NOTE 3		1.00 NOTE 1	1.25	1.30 NOTE 5	0.80 NOTE 7	NOTE 8
10+20.00	1020.00	0.00	6.42	0.00	0.32	0	0	0	0	0	0	0	0
10+25.00	1025.00	5.00	52.33	0.00	2.62	5	0	0	5	0	0	0	5
10+30.00	1030.00	5.00	94.96	0.00	4.75	14	0	1	19	-1	1	1	20
10+35.00	1035.00	5.00	137.40	0.00	6.87	22	0	1	41	-2	3	2	43
10+40.00	1040.00	5.00	141.20	0.02	7.06	26	0	1	67	-3	4	2	70
10+45.00	1045.00	5.00	148.05	0.00	7.40	27	0	1	94	-4	5	3	98
10+50.00	1050.00	5.00	146.44	0.00	7.32	27	0	1	121	-5	7	4	126
10+55.00	1055.00	5.00	142.51	0.00	7.13	27	0	1	148	-6	8	5	154
10+60.00	1060.00	5.00	124.97	0.00	6.25	25	0	1	173	-7	9	6	180
10+65.00	1065.00	5.00	120.59	0.00	6.03	23	0	1	196	-8	10	6	204
10+70.00	1070.00	5.00	131.67	0.00	6.58	23	0	1	219	-9	12	7	228
10+75.00	1075.00	5.00	129.78	0.00	6.49	24	0	1	243	-10	13	8	253
10+80.00	1080.00	5.00	127.01	0.00	6.35	24	0	1	267	-11	14	9	278
10+85.00	1085.00	5.00	123.23	0.00	6.16	23	0	1	290	-12	16	10	302
10+90.00	1090.00	5.00	119.04	0.00	5.95	22	0	1	312	-13	17	10	325
10+95.00	1095.00	5.00	113.08	0.12	5.65	21	0	1	333	-14	18	11	347
10+99.86	1099.86	4.86	108.74	0.29	5.44	20	0	1	353	-15	20	12	368

NOTES:	
1 - CUT	CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
3 - FILL	DOES NOT INCLUDE UNUSABLE PAVEMENT EXC VOLUME
5 - EXPANDED EBS	WILL BE BACKFILLED WITH GRANULAR BACKFILL (OR CUT, OR BORROW)
7 - REDUCED EBS IN FILL	REDUCED EBS EXCAVATION THAT CAN BE USED IN FILL
8 - MASS ORDINATE	IF MARSH OR EBS TO BE BACKFILLED WITH COMMON OR BORROW: [(CUT - SALVAGED PAVT - EXPANDED MARSH EXC - EXPANDED EBS) - ((FILL - REDUCED MARSH IN FILL - REDUCED EBS IN FILL - EXPANDED ROCK) * FILL FACTOR)]

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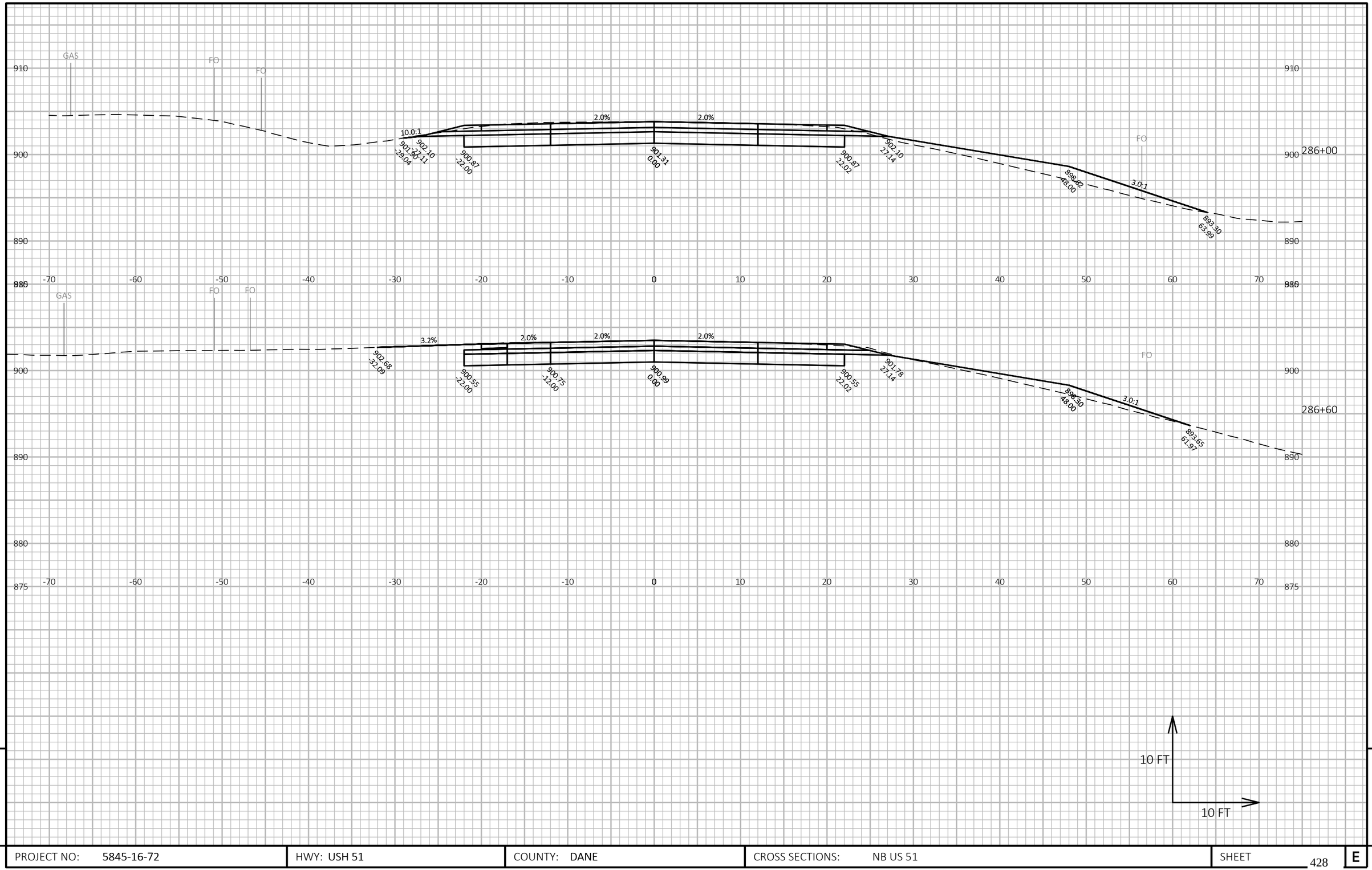
PROJECT NO: 5845-16-72 | HWY: USH 51 | COUNTY: DANE | EARTHWORK DATA | SHEET 427 | E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090101-EW.DWG
LAYOUT NAME - 13

PLOT DATE : 9/25/2024 3:28 PM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1" = 1'

WISDOT/CADDS SHEET 49



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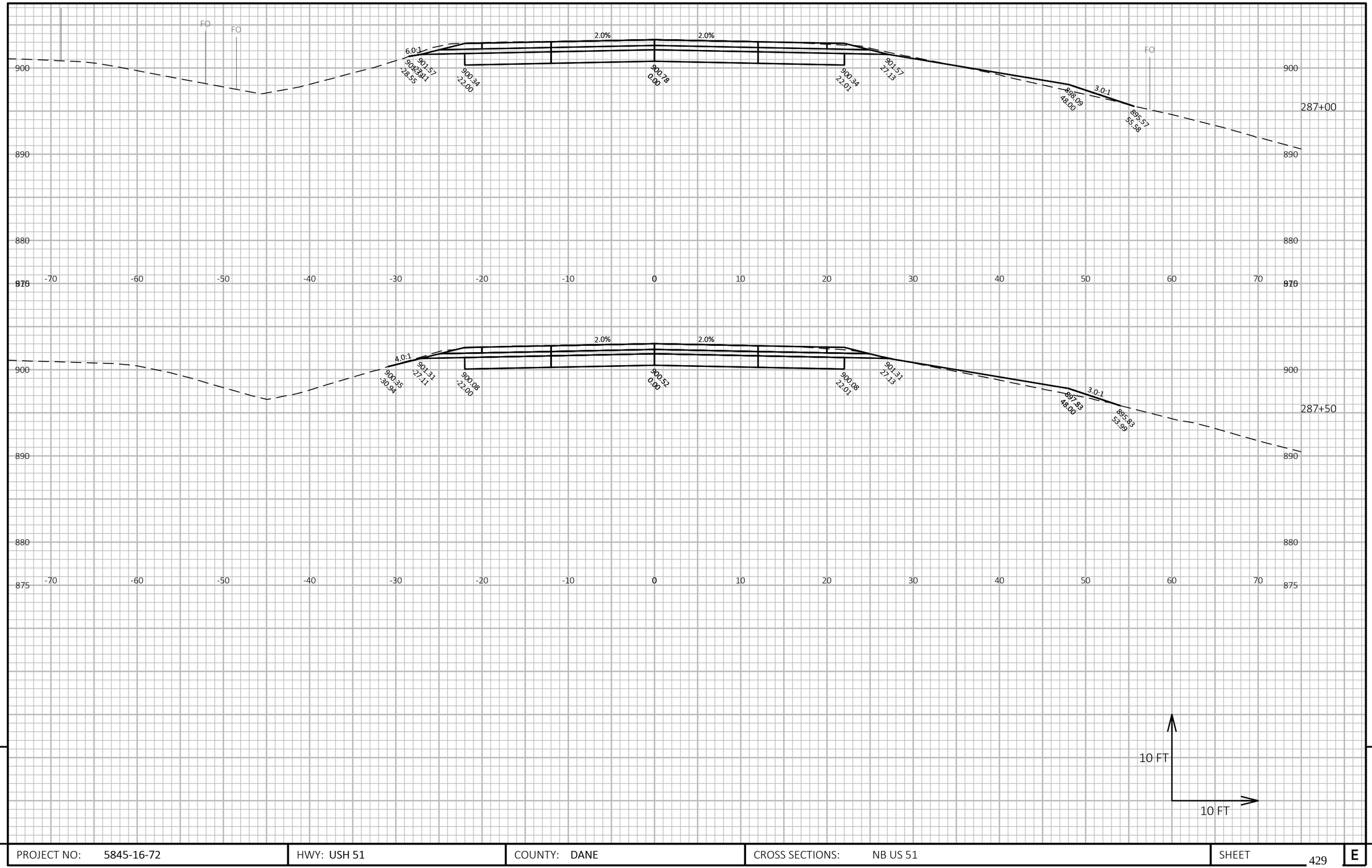
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 428	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 7/26/2024 11:05 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

9



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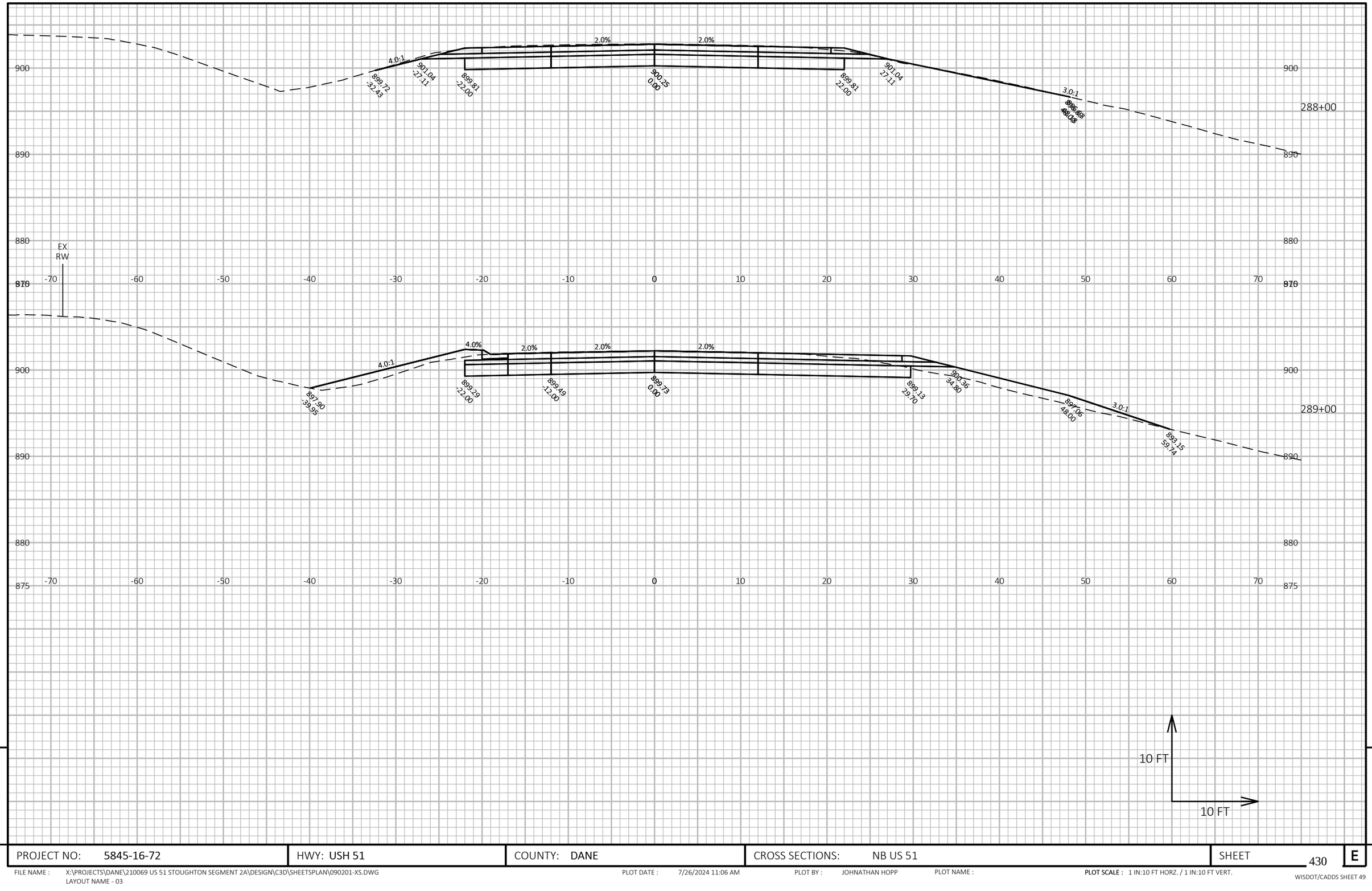
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 429	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 7/26/2024 11:06 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

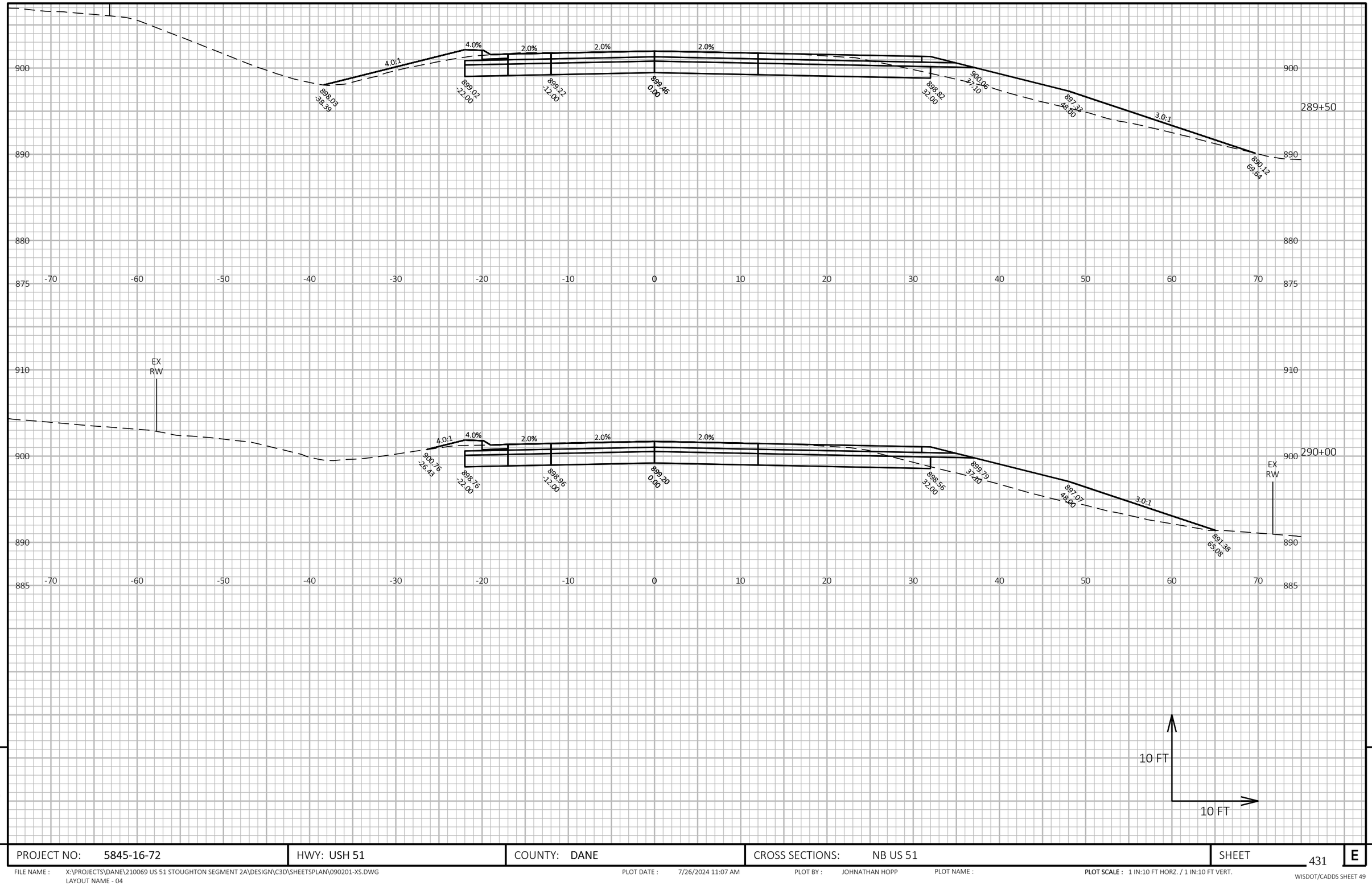


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 430	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 7/26/2024 11:06 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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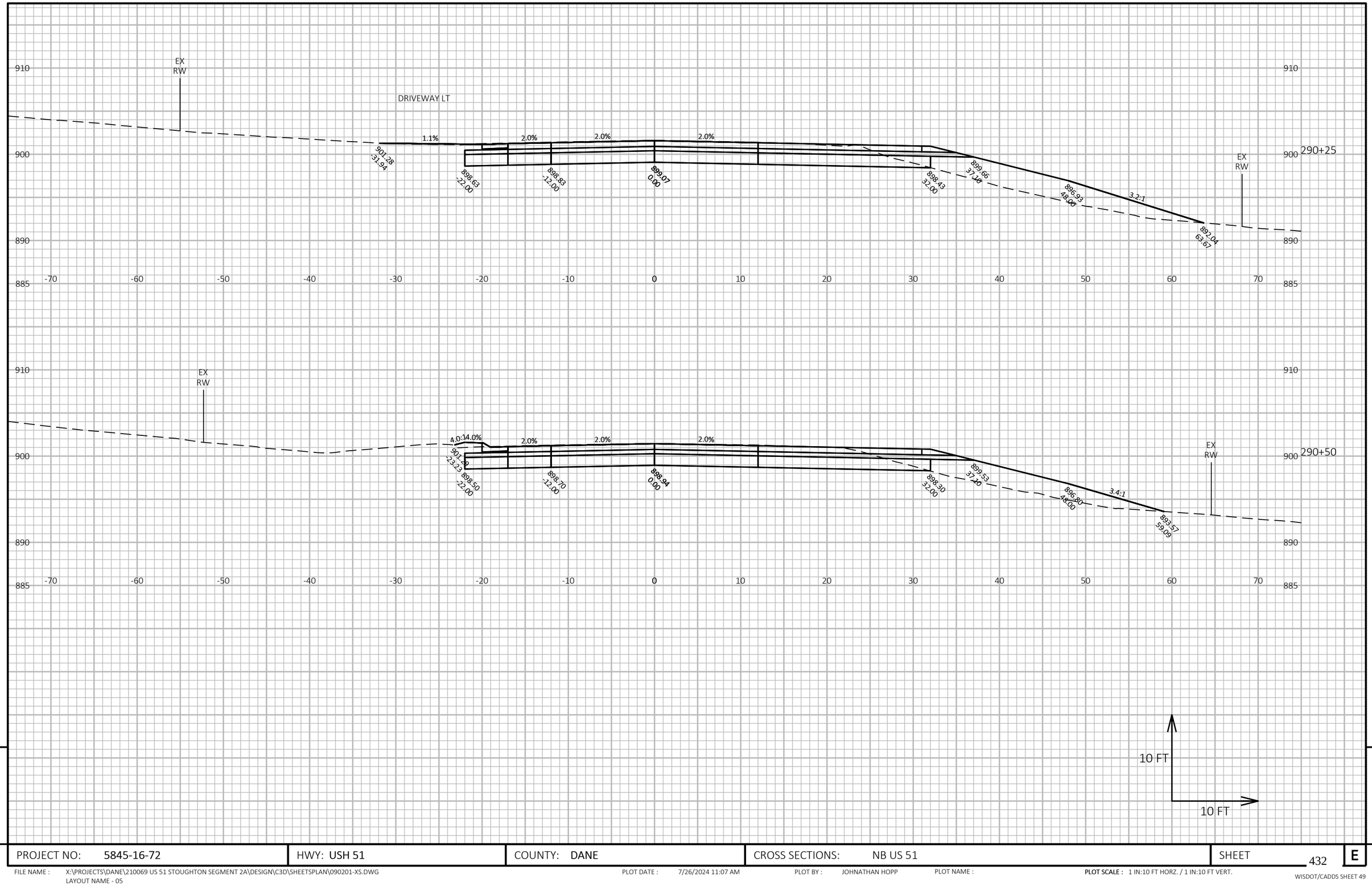
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 431	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 7/26/2024 11:07 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

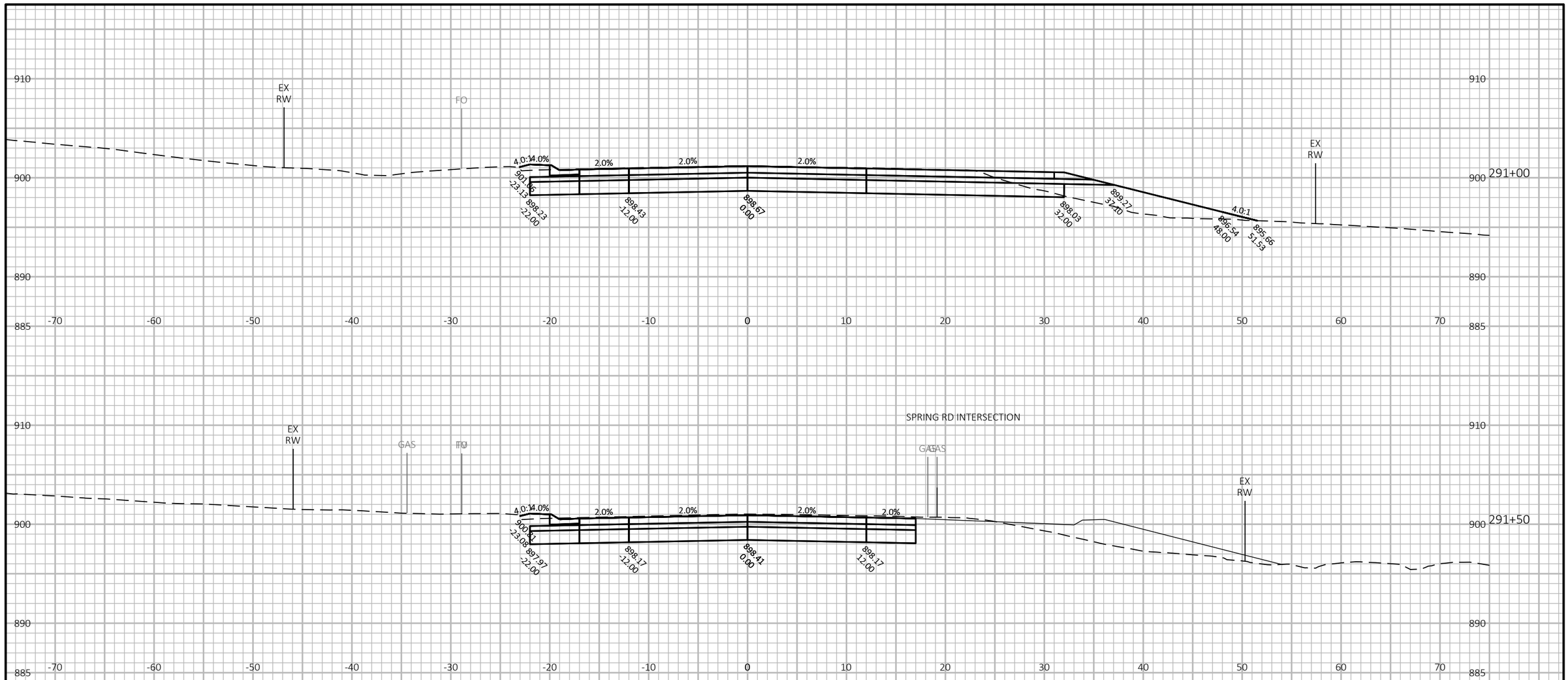
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 432	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 7/26/2024 11:07 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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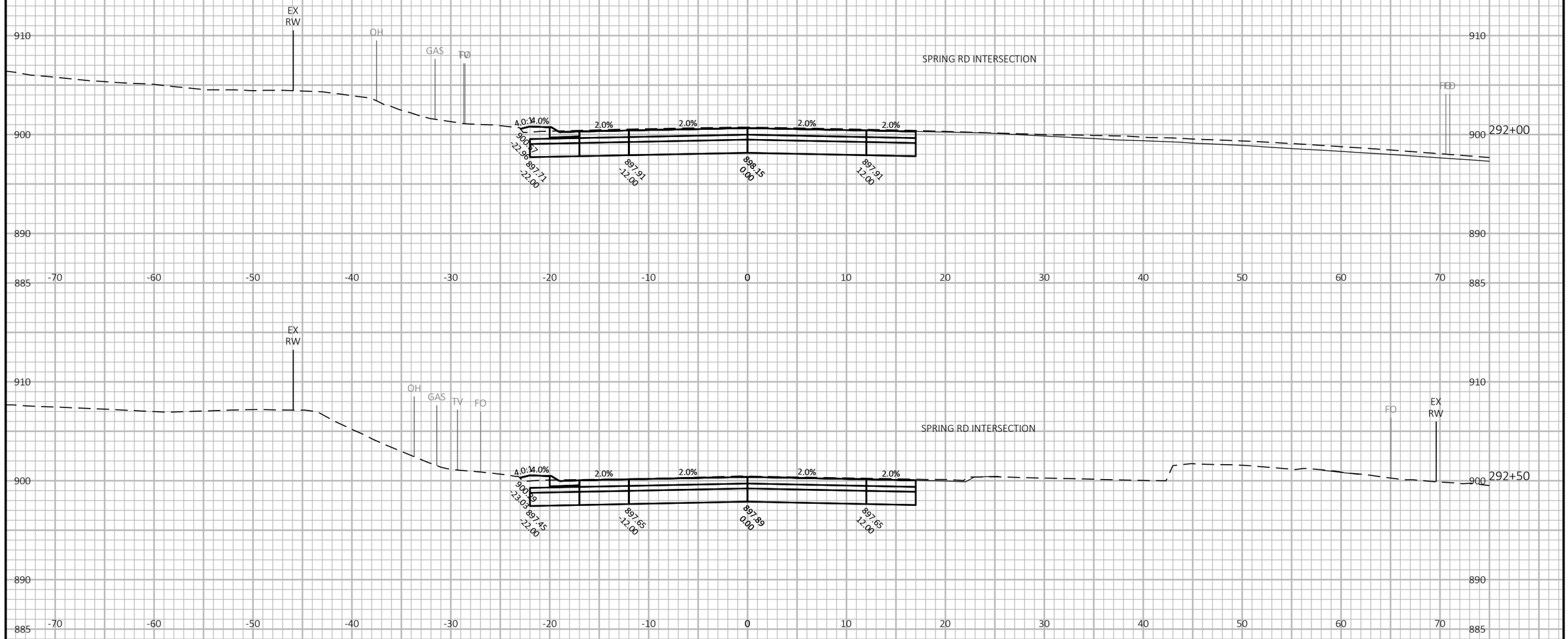
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 433	E

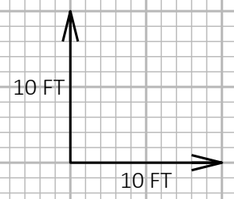
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 06

PLOT DATE : 7/26/2024 11:07 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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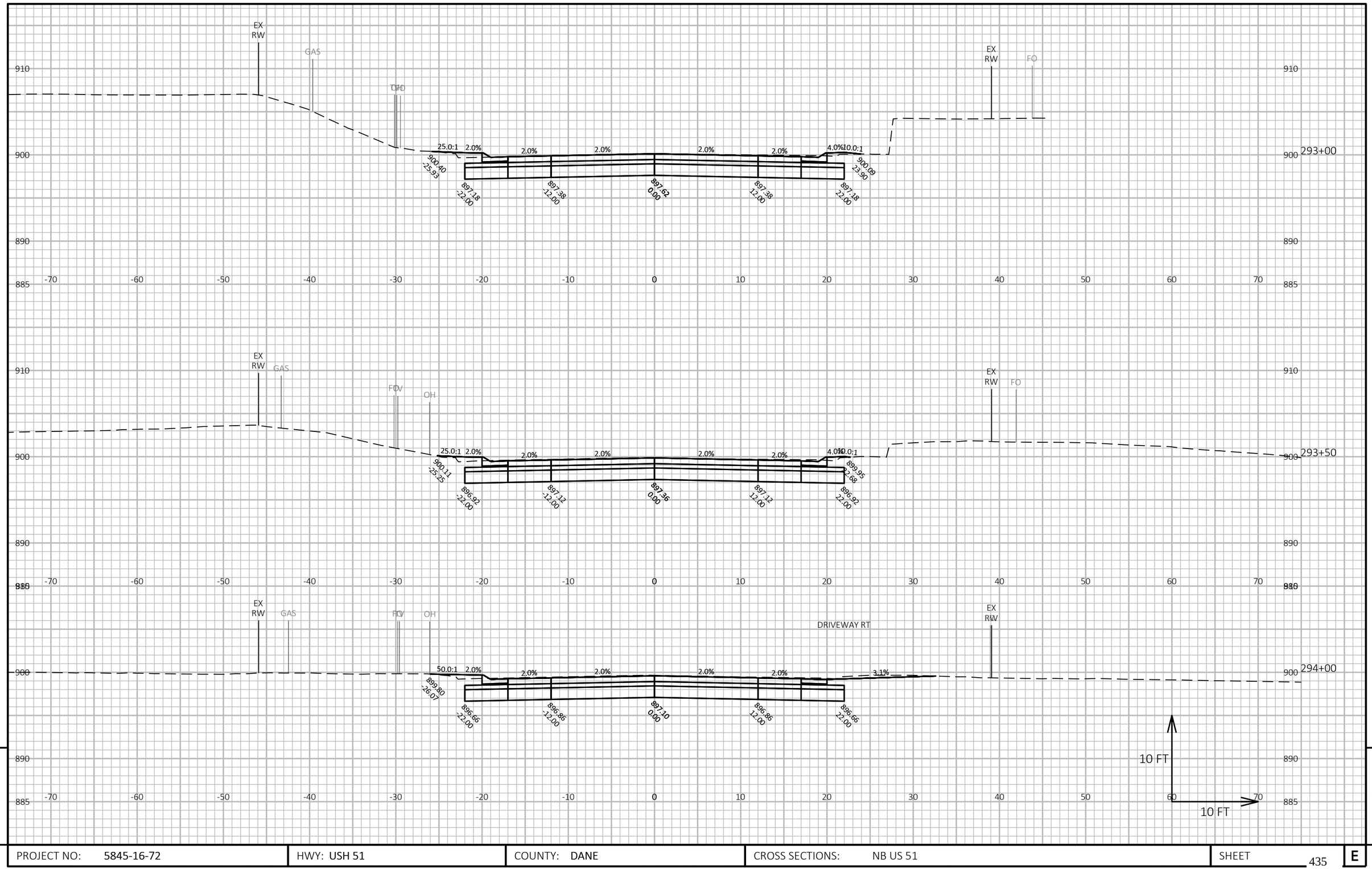
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 434	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 07

PLOT DATE : 7/26/2024 11:08 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



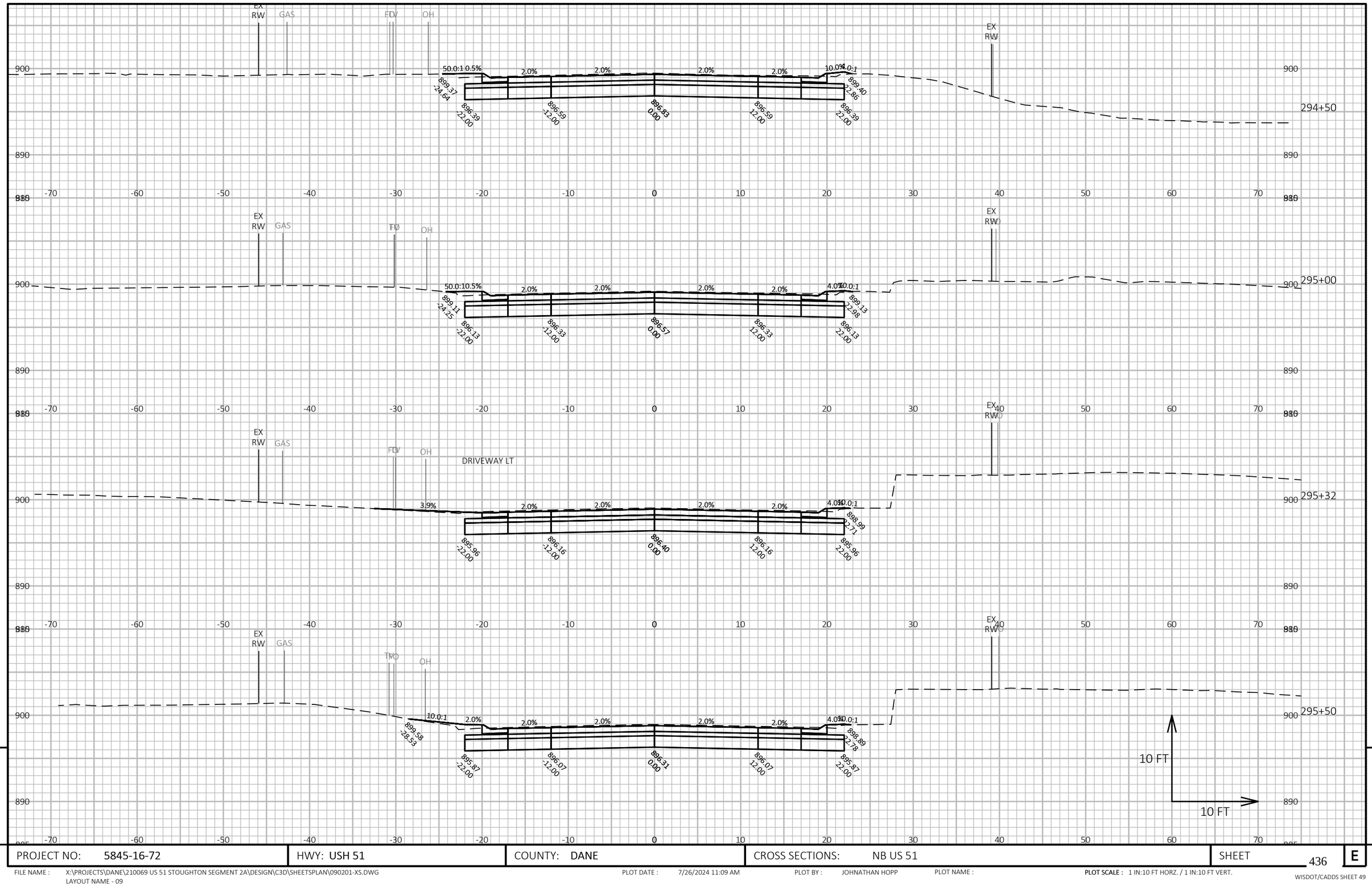
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 435	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 08

PLOT DATE : 7/26/2024 11:08 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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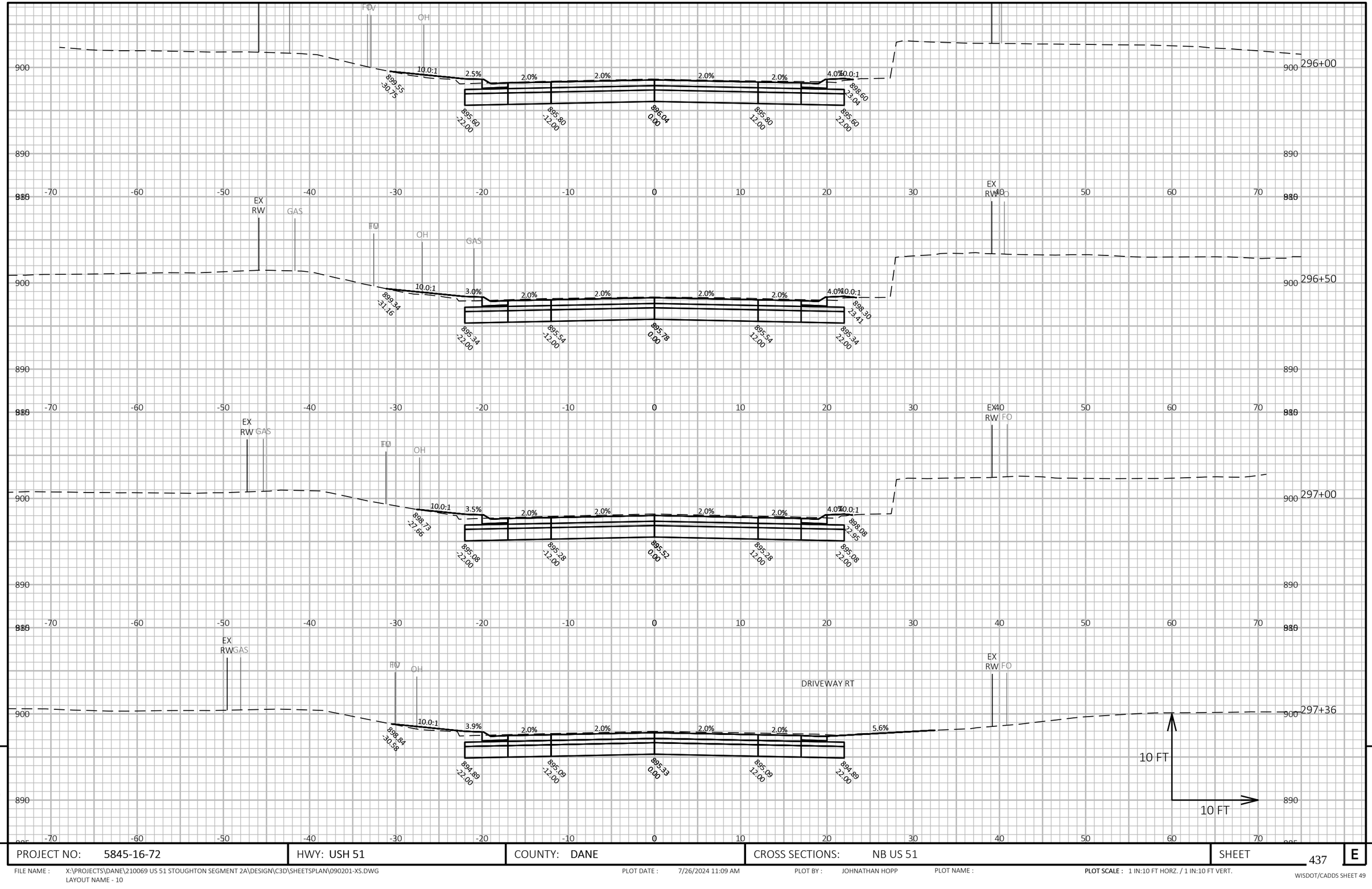
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 436	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 09

PLOT DATE : 7/26/2024 11:09 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

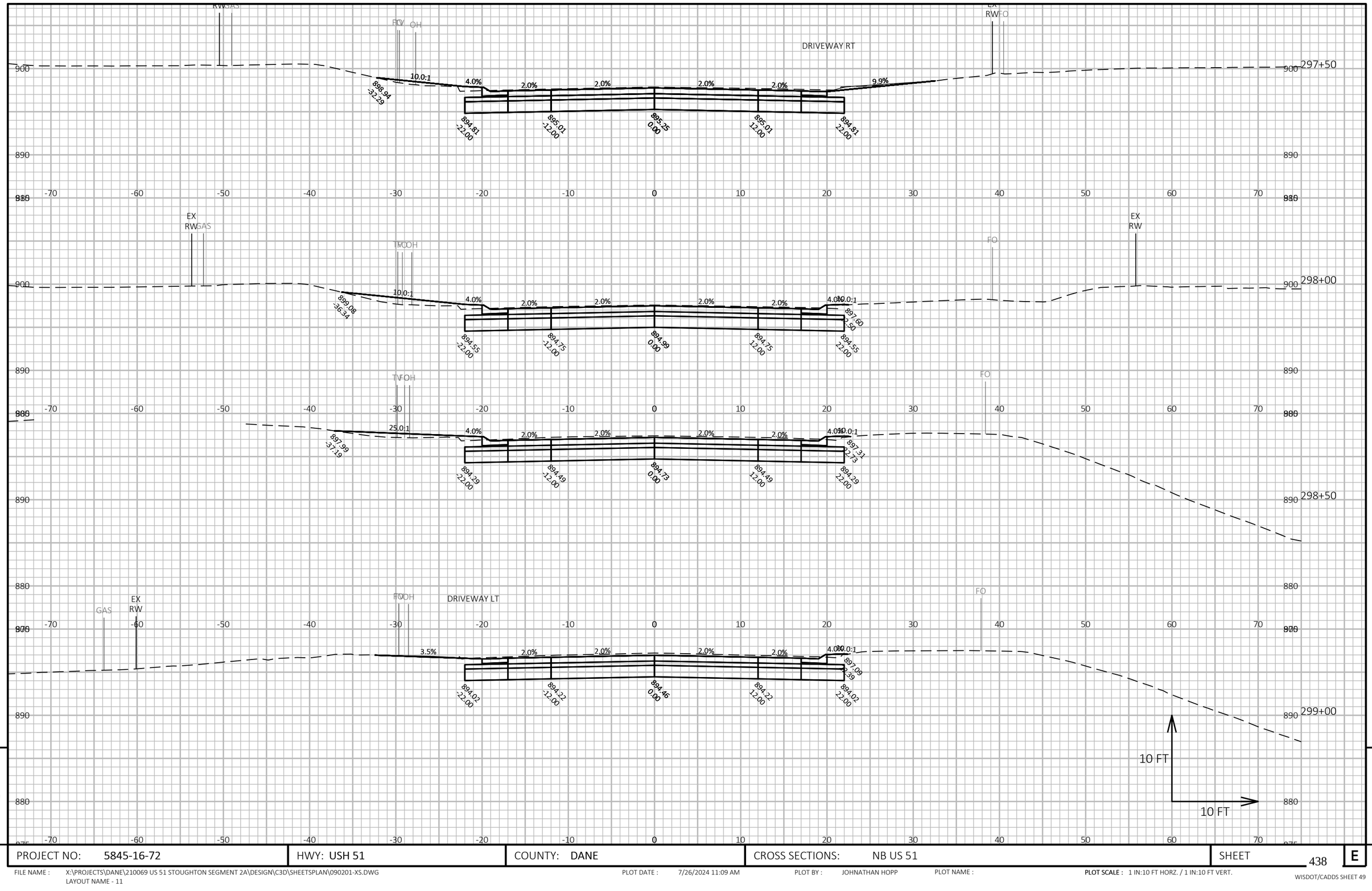


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 437 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 10

PLOT DATE : 7/26/2024 11:09 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



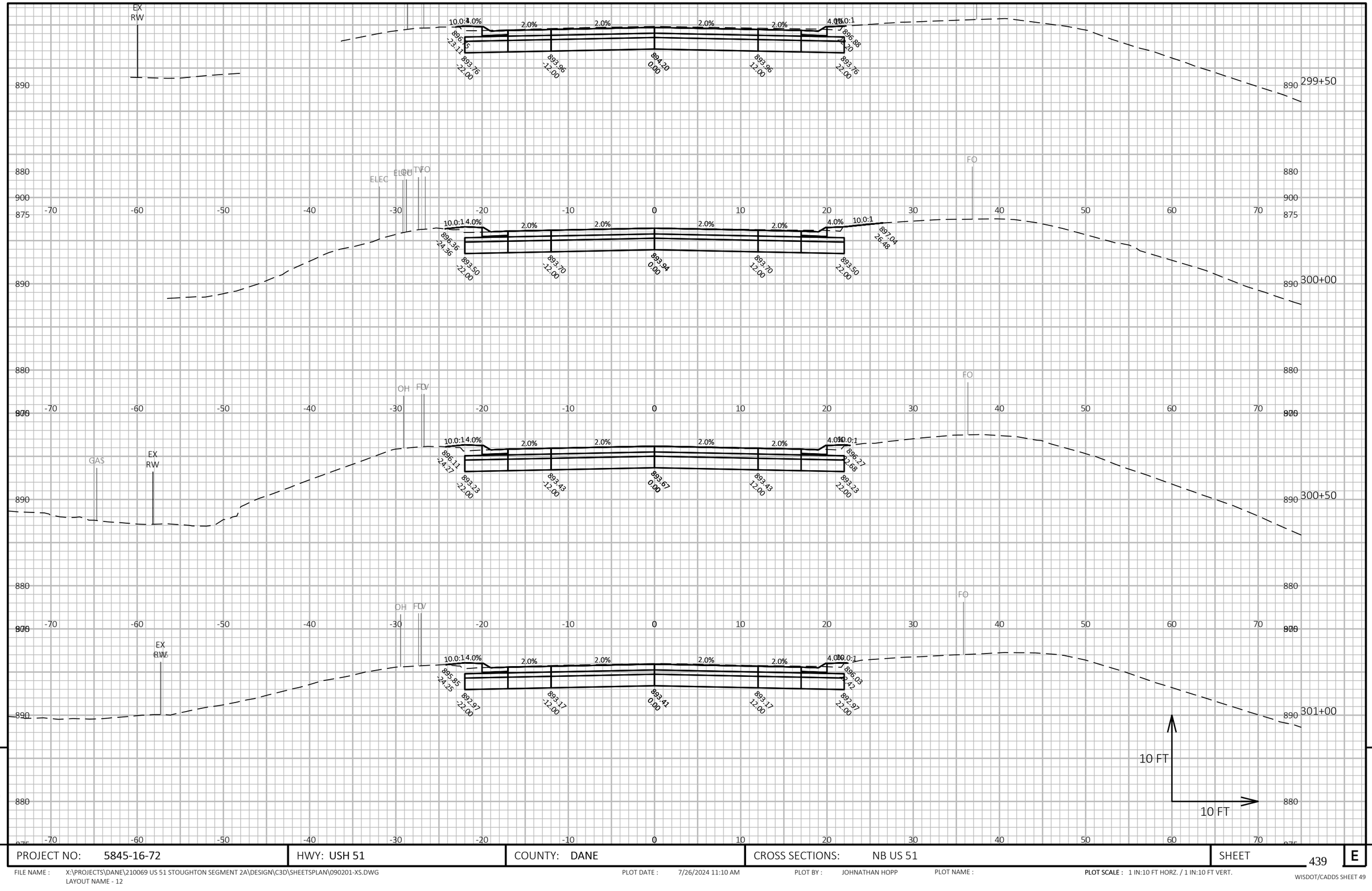
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 438	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 11

PLOT DATE : 7/26/2024 11:09 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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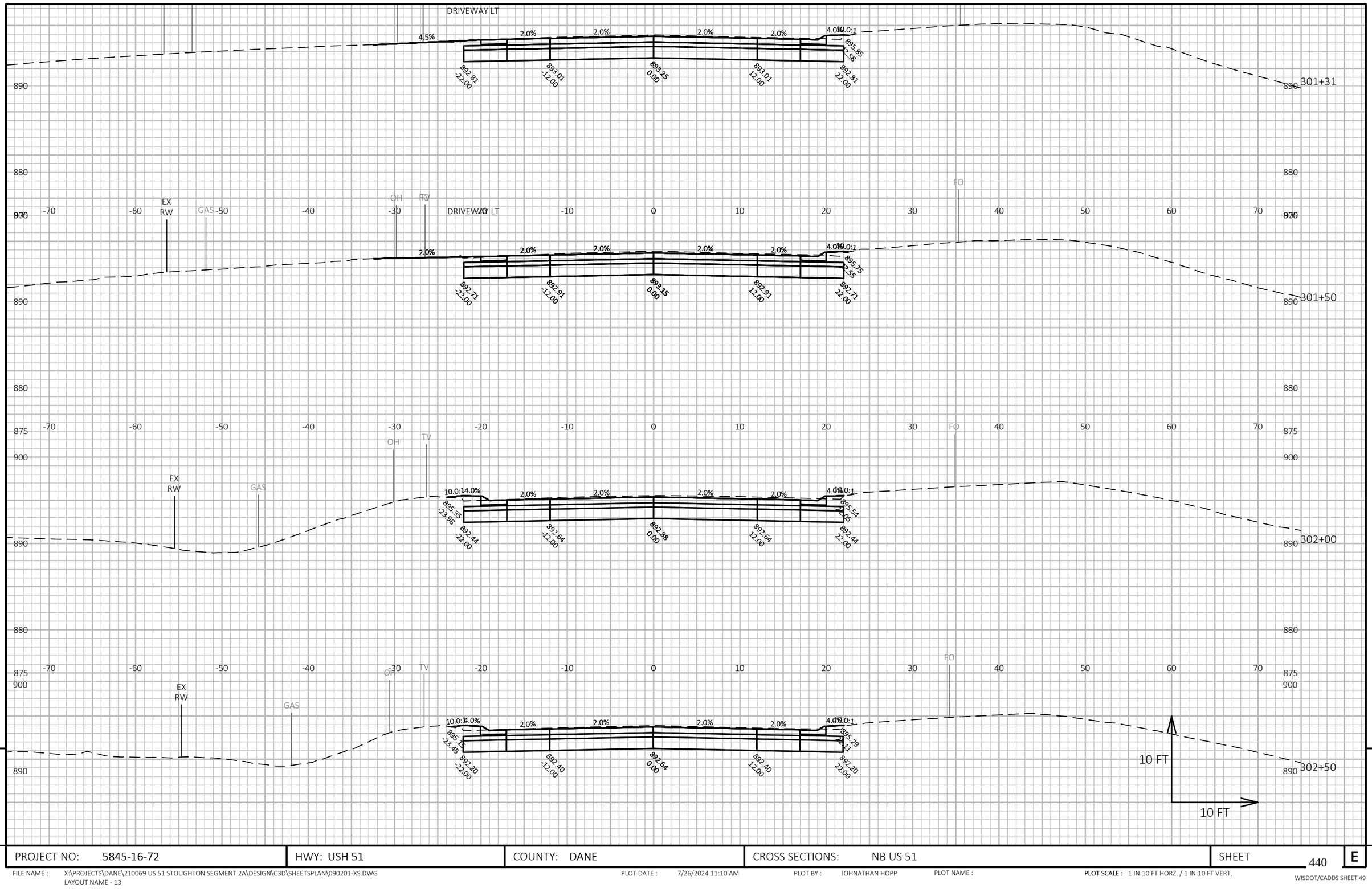
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 439	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 12

PLOT DATE : 7/26/2024 11:10 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



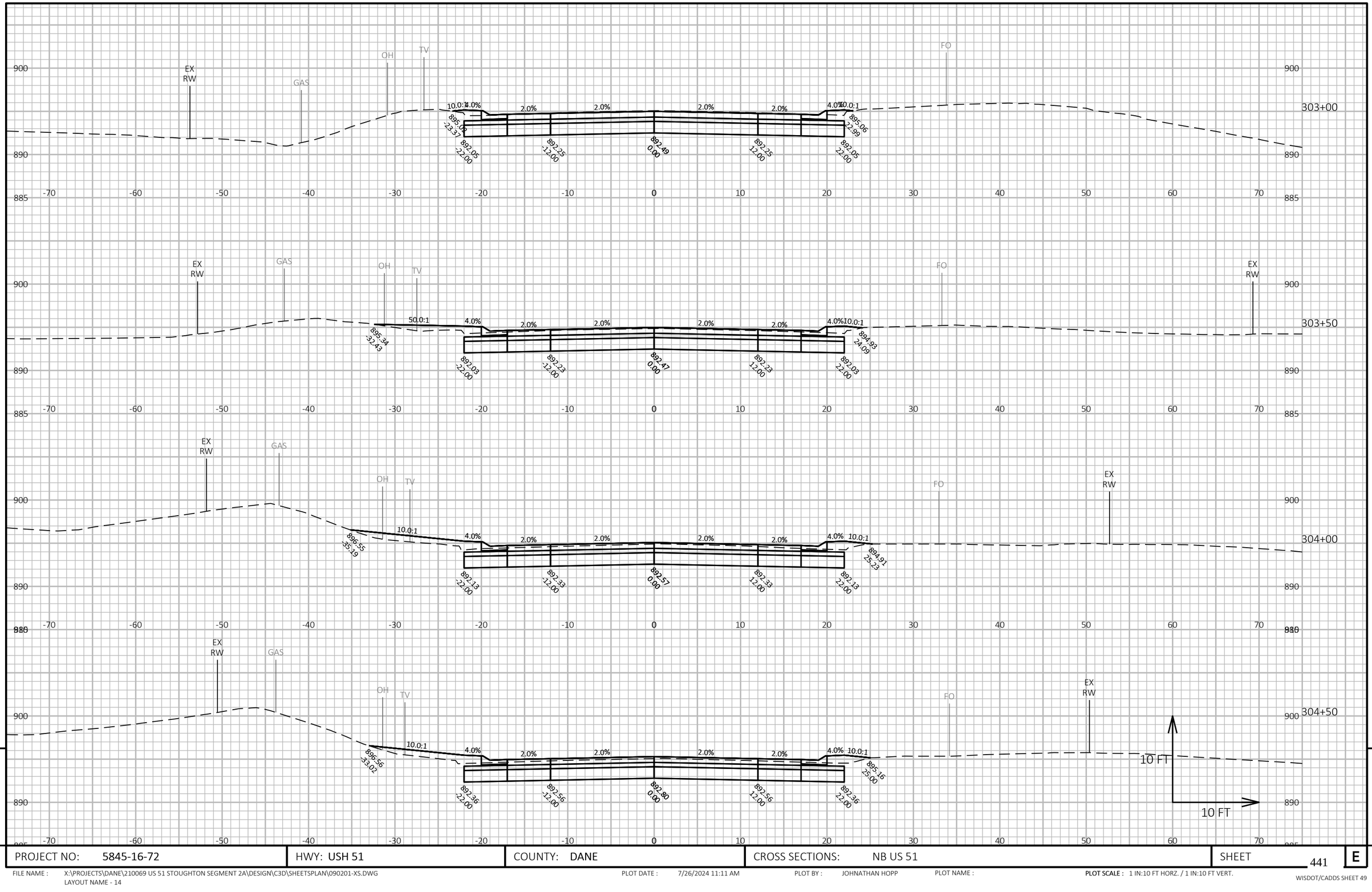
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 440	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 13

PLOT DATE : 7/26/2024 11:10 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

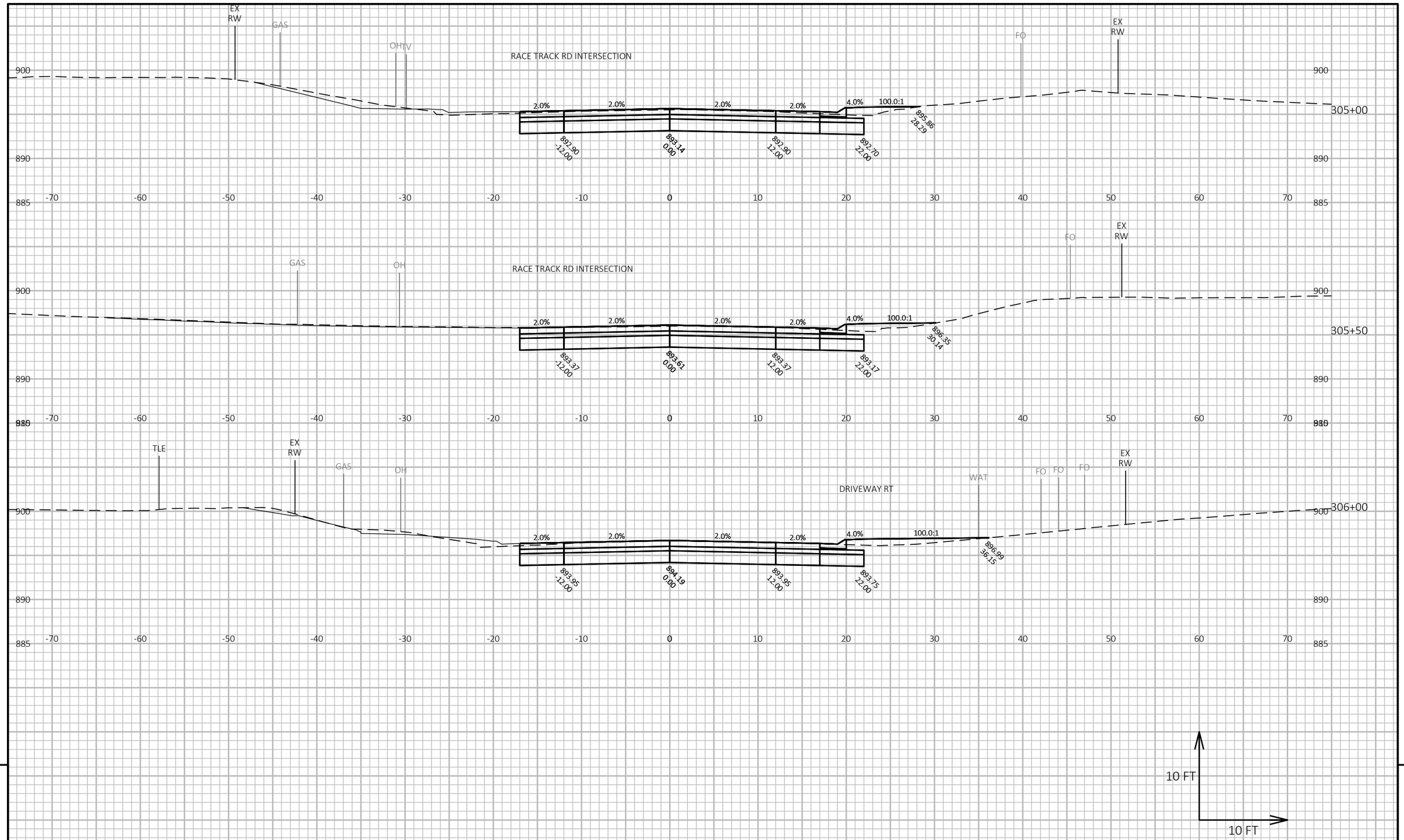


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 441	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 14

PLOT DATE : 7/26/2024 11:11 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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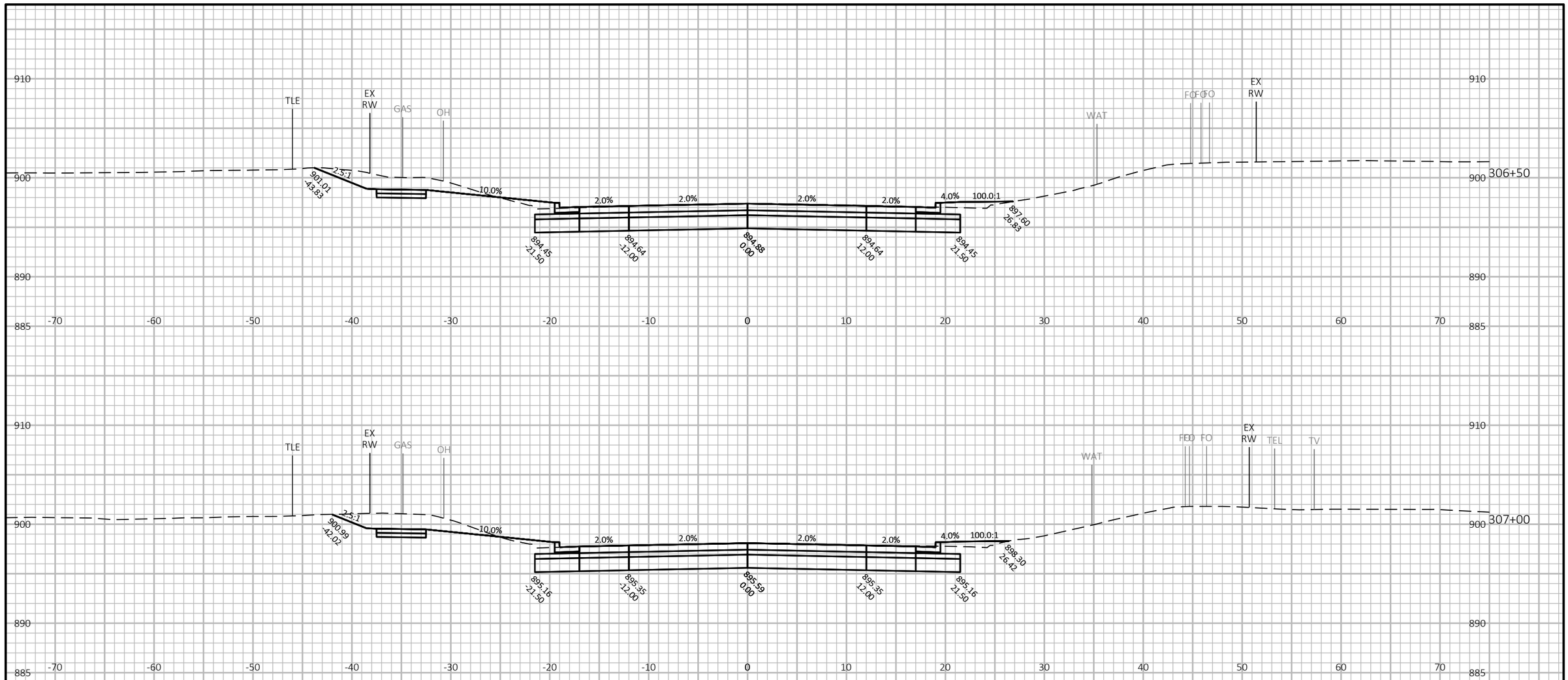
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 442	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 15

PLOT DATE : 7/26/2024 11:11 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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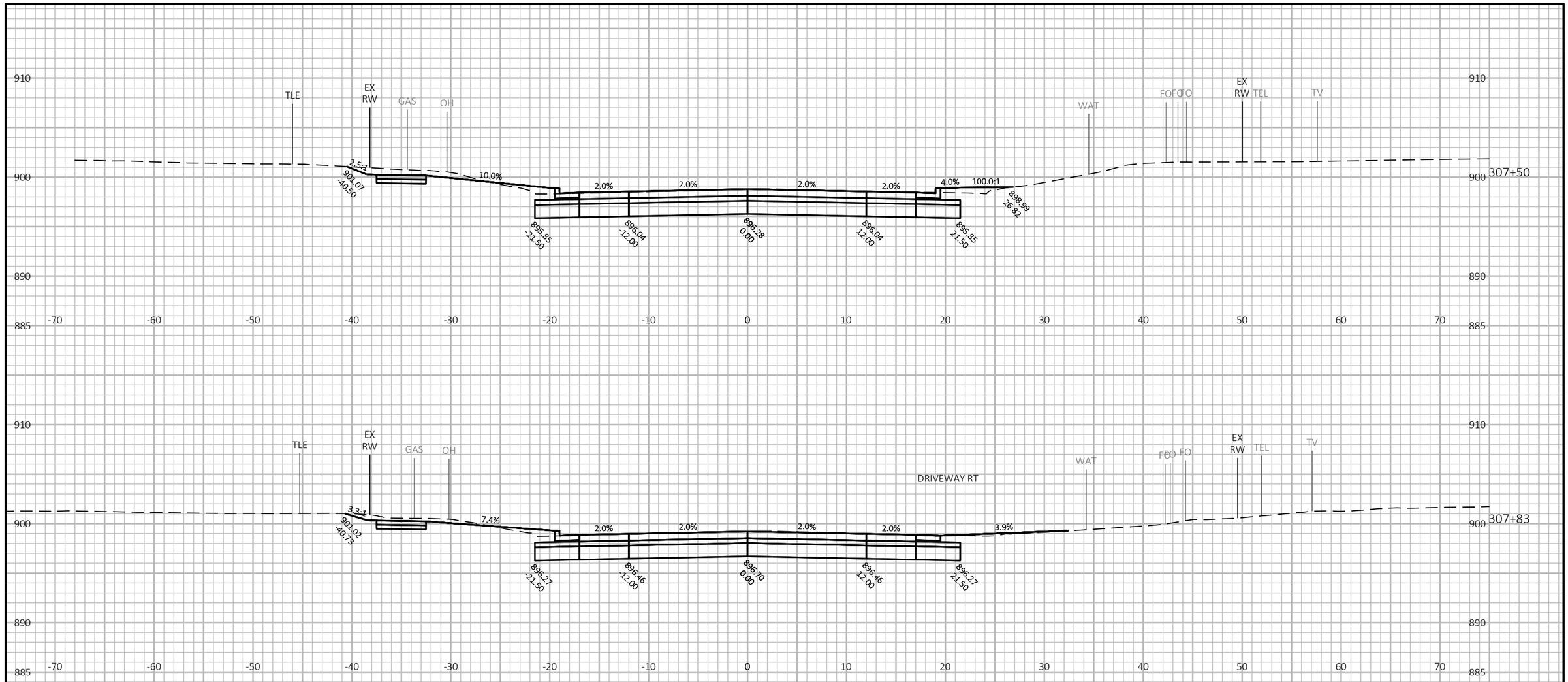
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 443	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 16

PLOT DATE : 7/26/2024 11:11 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

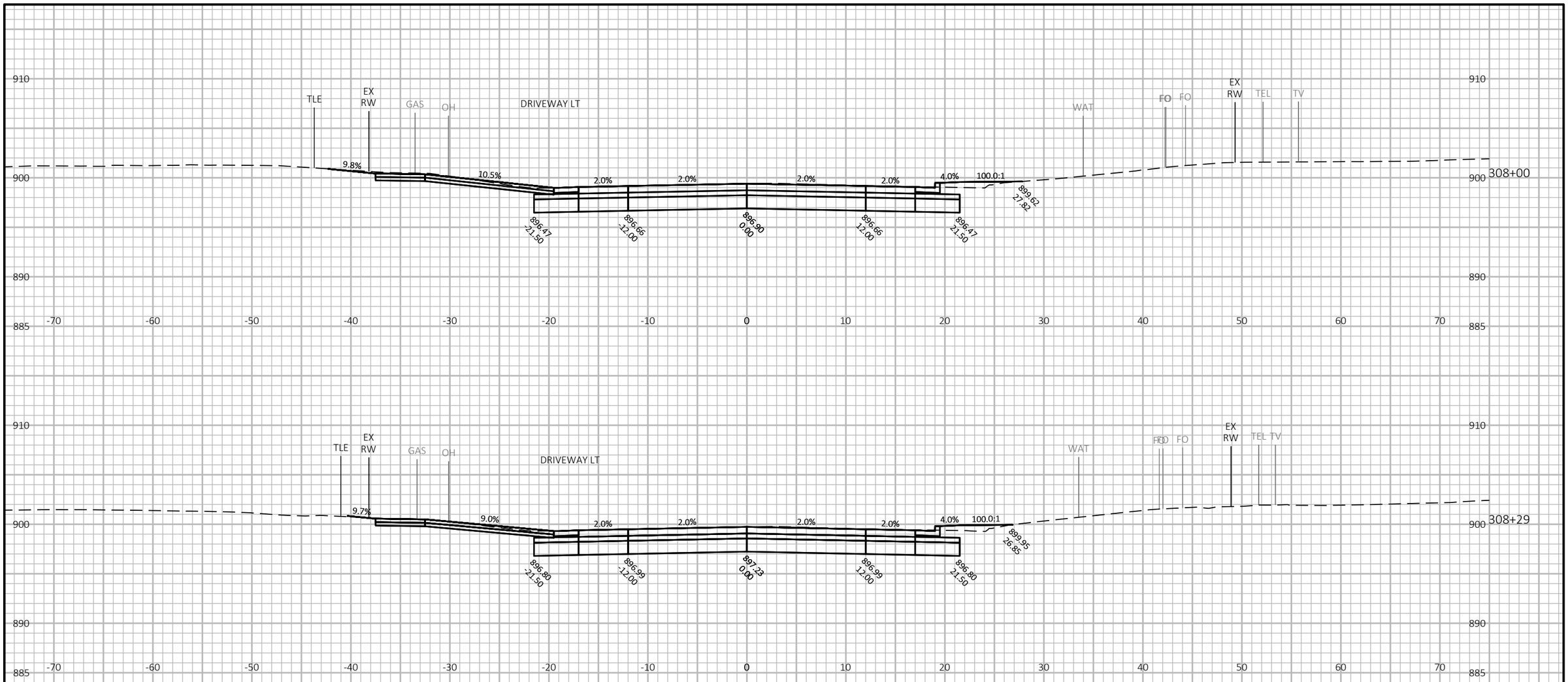
9

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 444	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 17

PLOT DATE : 7/26/2024 11:12 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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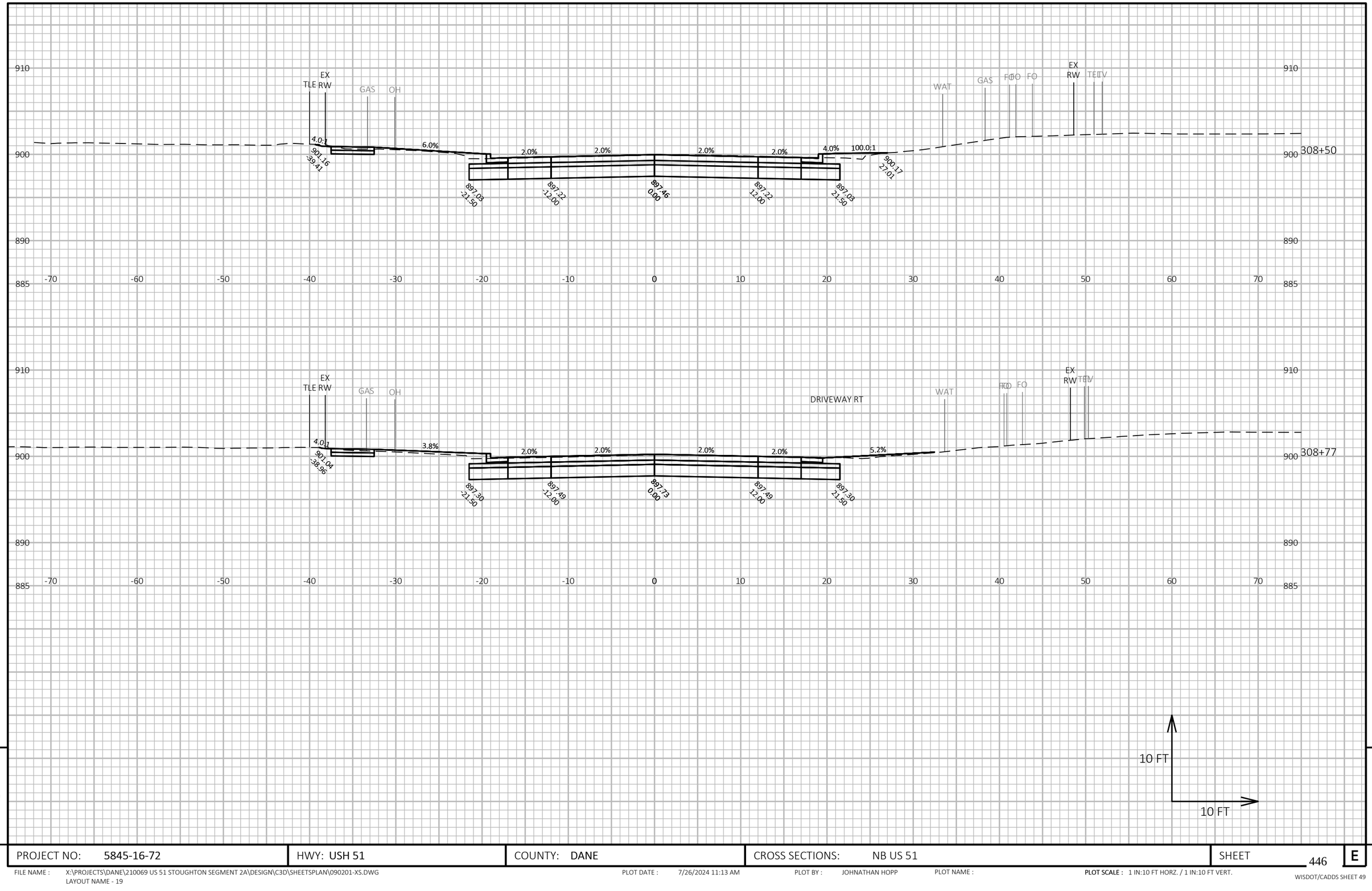
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 445	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 18

PLOT DATE : 7/26/2024 11:12 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

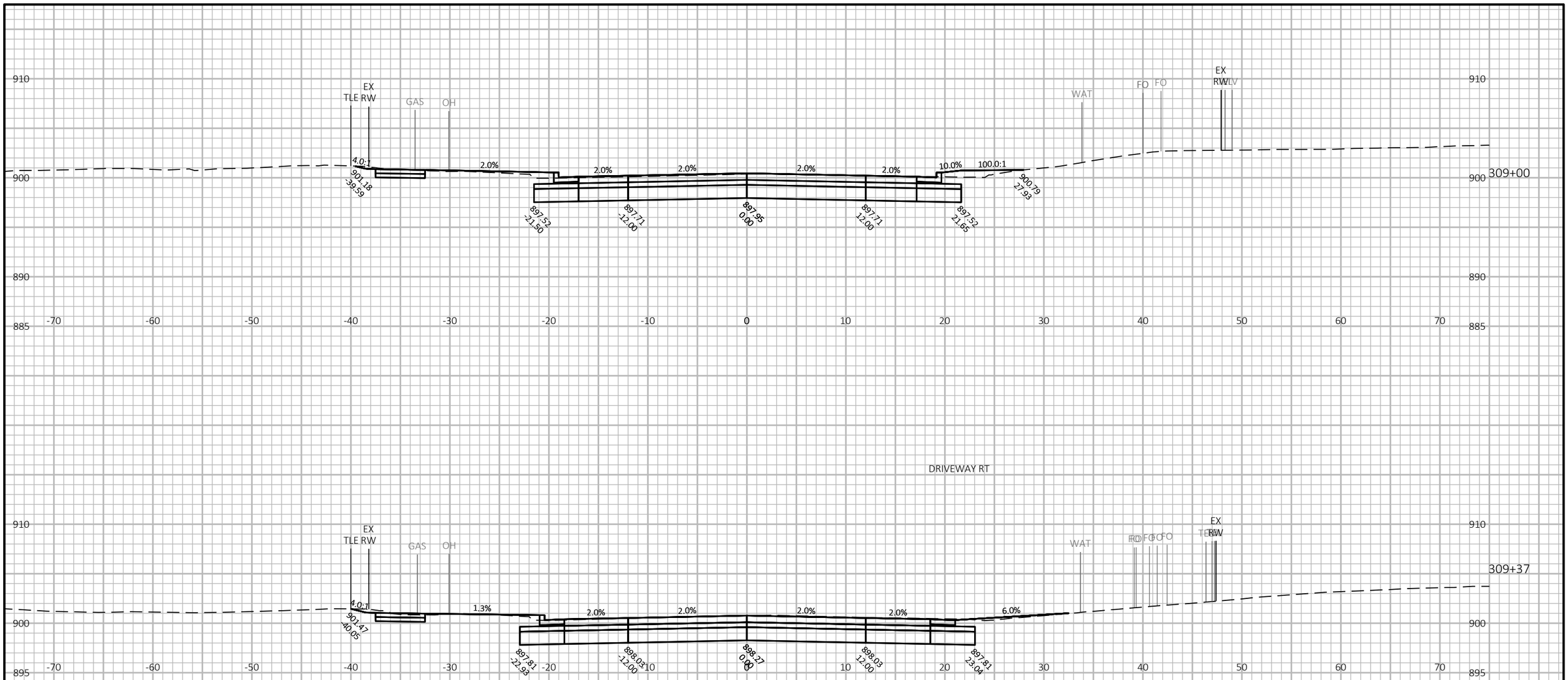


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 446	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 19

PLOT DATE : 7/26/2024 11:13 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



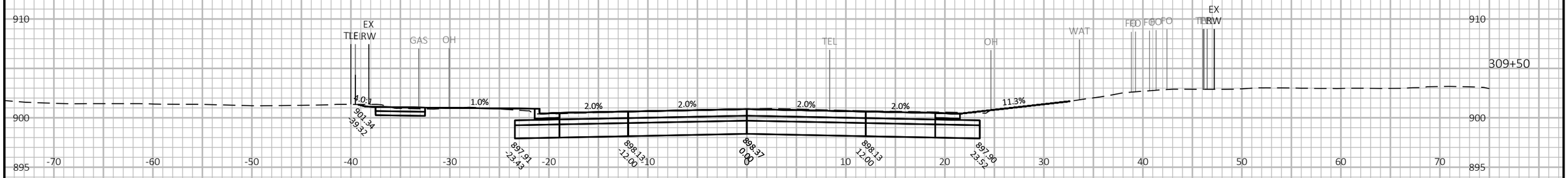
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 447	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 20

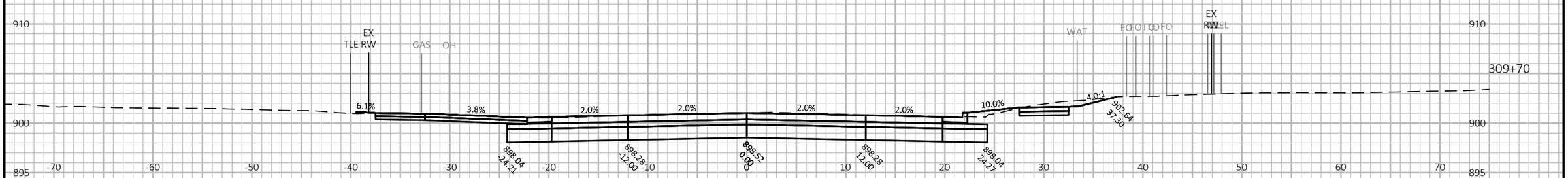
PLOT DATE : 7/26/2024 11:13 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

DRIVEWAY RT



DRIVEWAY LT



10 FT

10 FT

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9

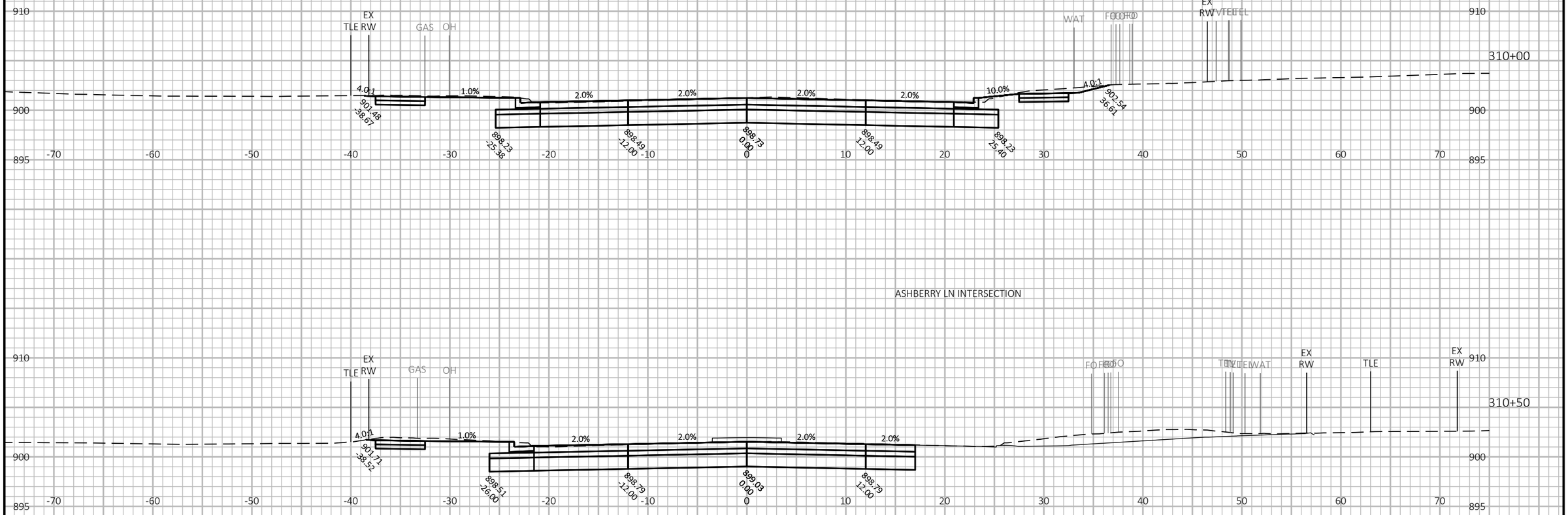
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 448	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 21

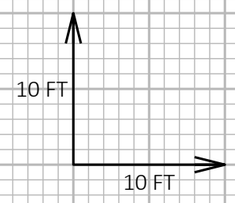
PLOT DATE : 7/26/2024 11:14 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



ASHBERRY LN INTERSECTION



9

9

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 449	E

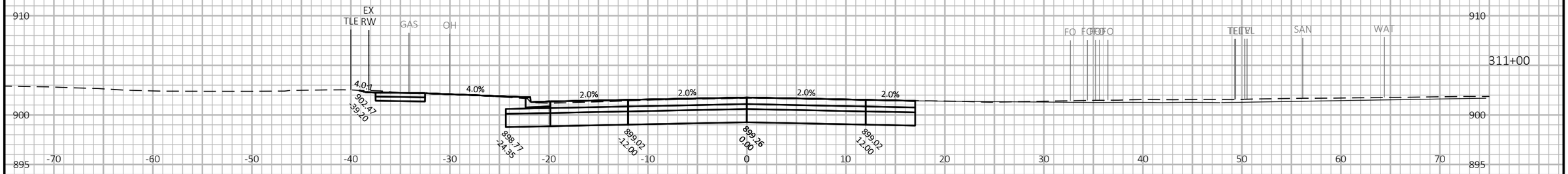
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 22

PLOT DATE : 7/26/2024 11:14 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

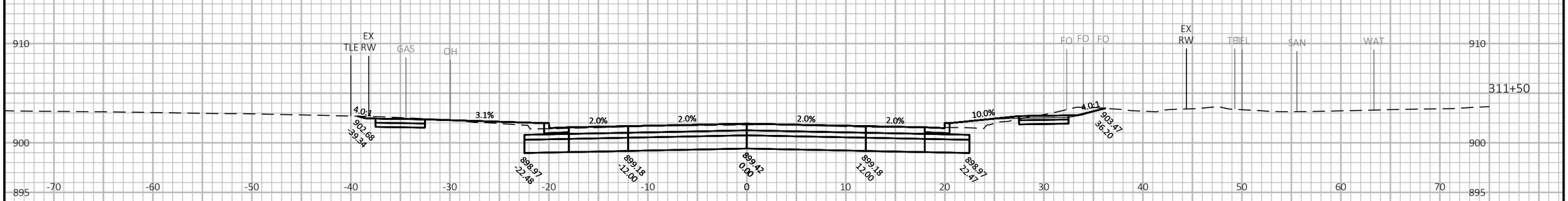
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

ASHBERRY LN INTERSECTION



DRIVEWAY LT



10 FT

10 FT

9

9

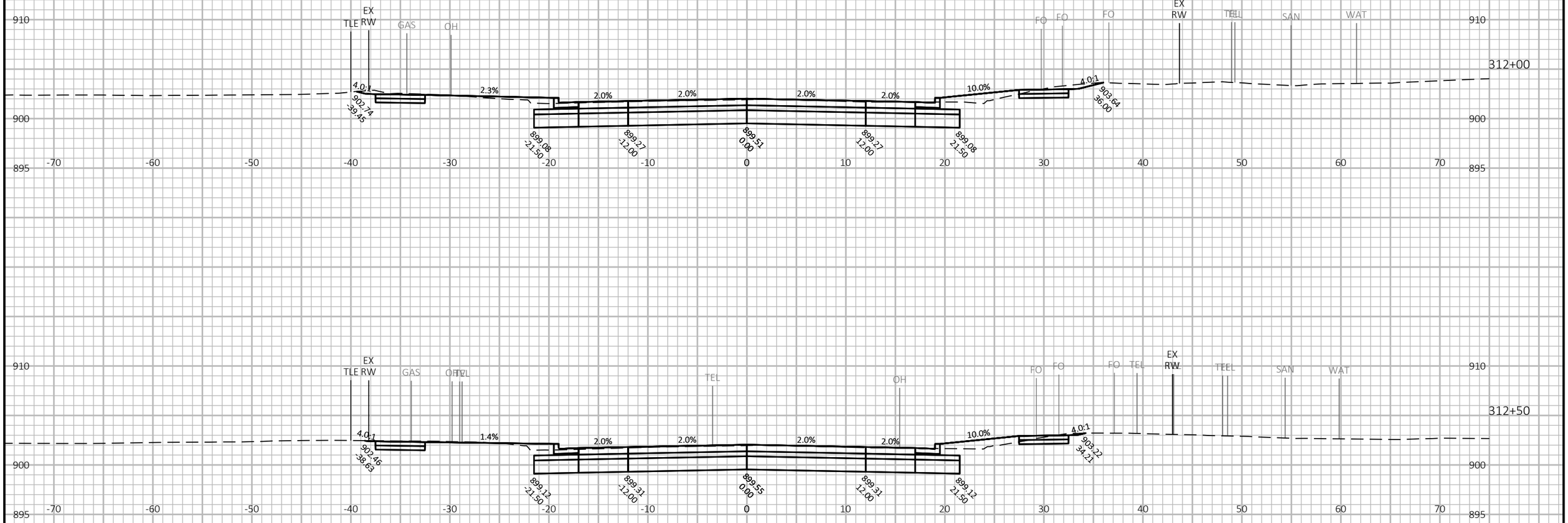
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 450	E

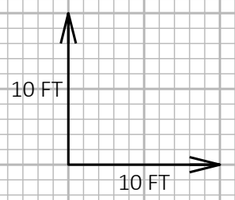
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 23

PLOT DATE : 7/26/2024 11:15 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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9

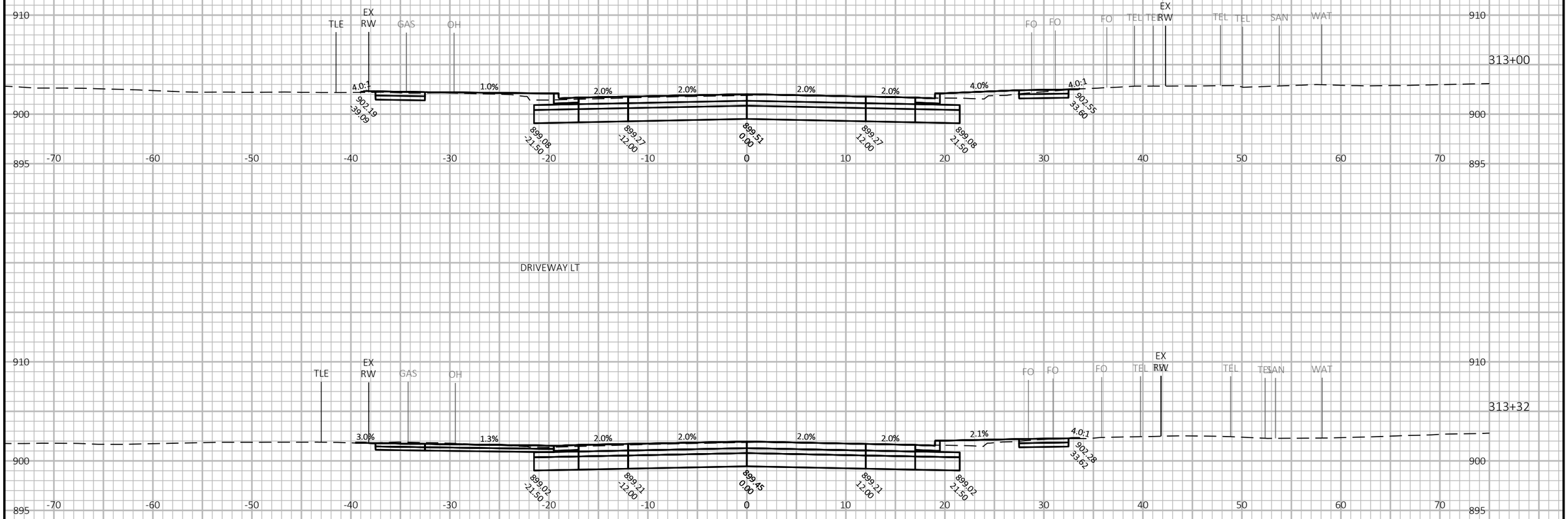
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 451	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 24

PLOT DATE : 7/26/2024 11:15 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 452	E

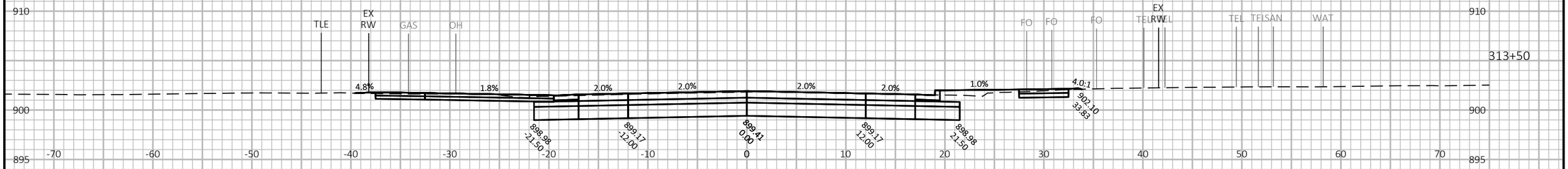
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 25

PLOT DATE : 7/26/2024 11:15 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

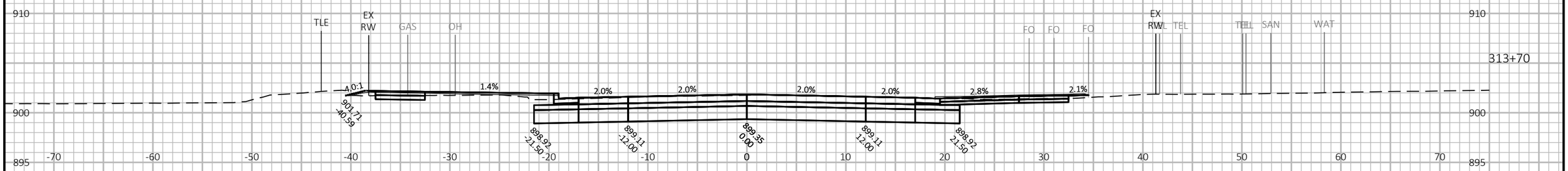
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

DRIVEWAY LT



DRIVEWAY RT



10 FT

10 FT

9

9

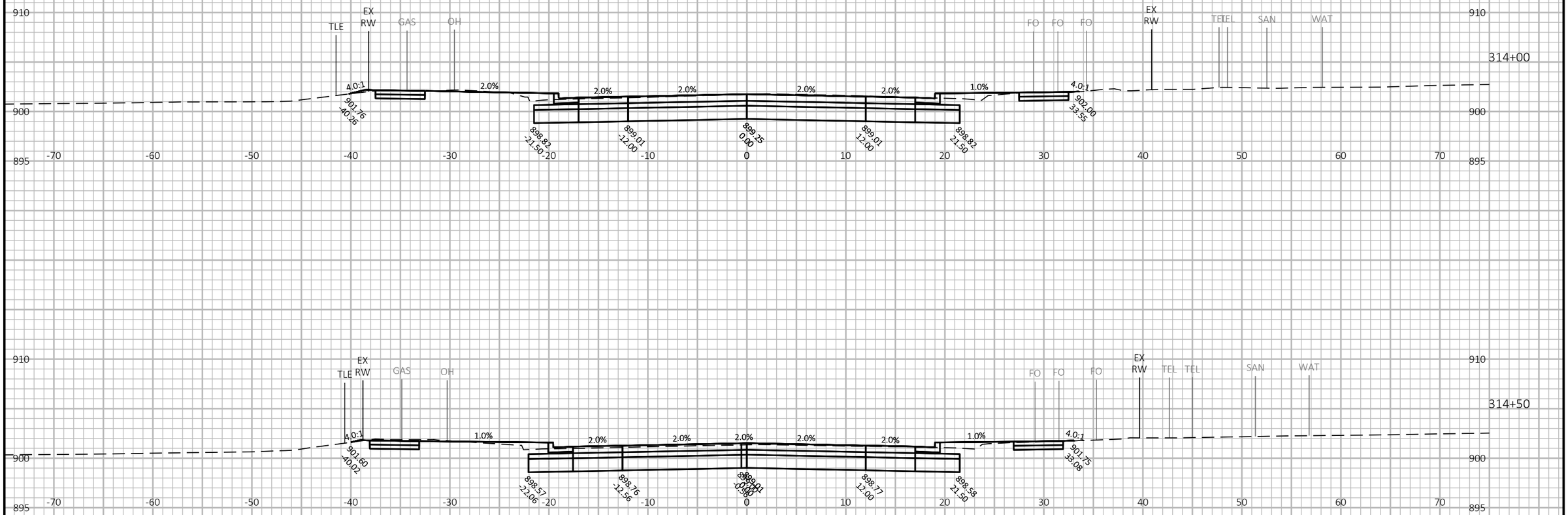
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 453	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 26

PLOT DATE : 7/26/2024 11:16 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 454	E

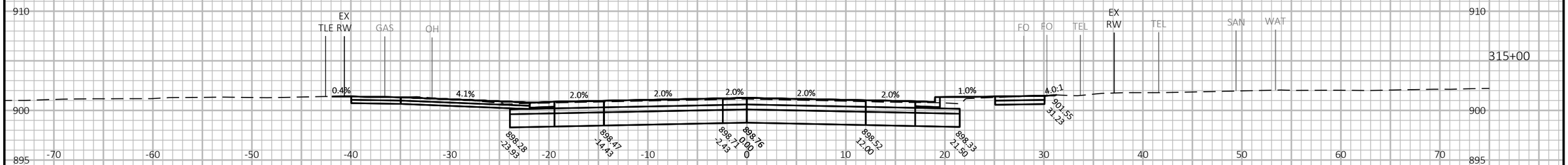
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 27

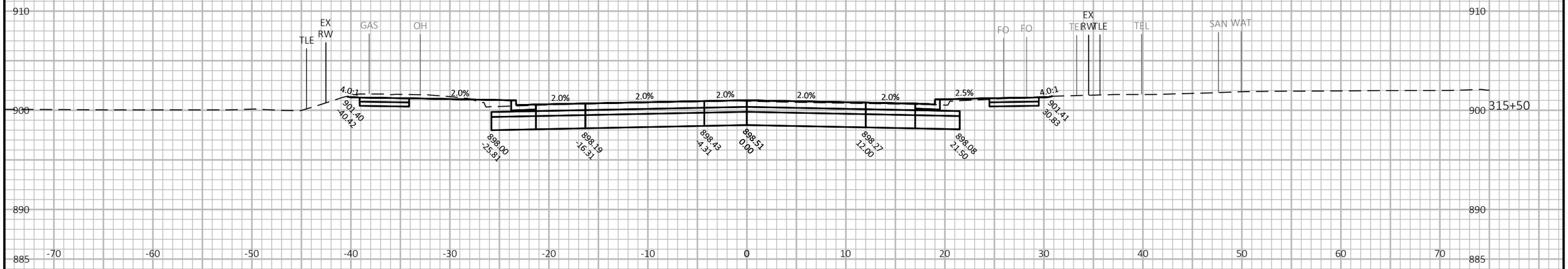
PLOT DATE : 7/26/2024 11:16 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

DRIVEWAY LT





10 FT

10 FT

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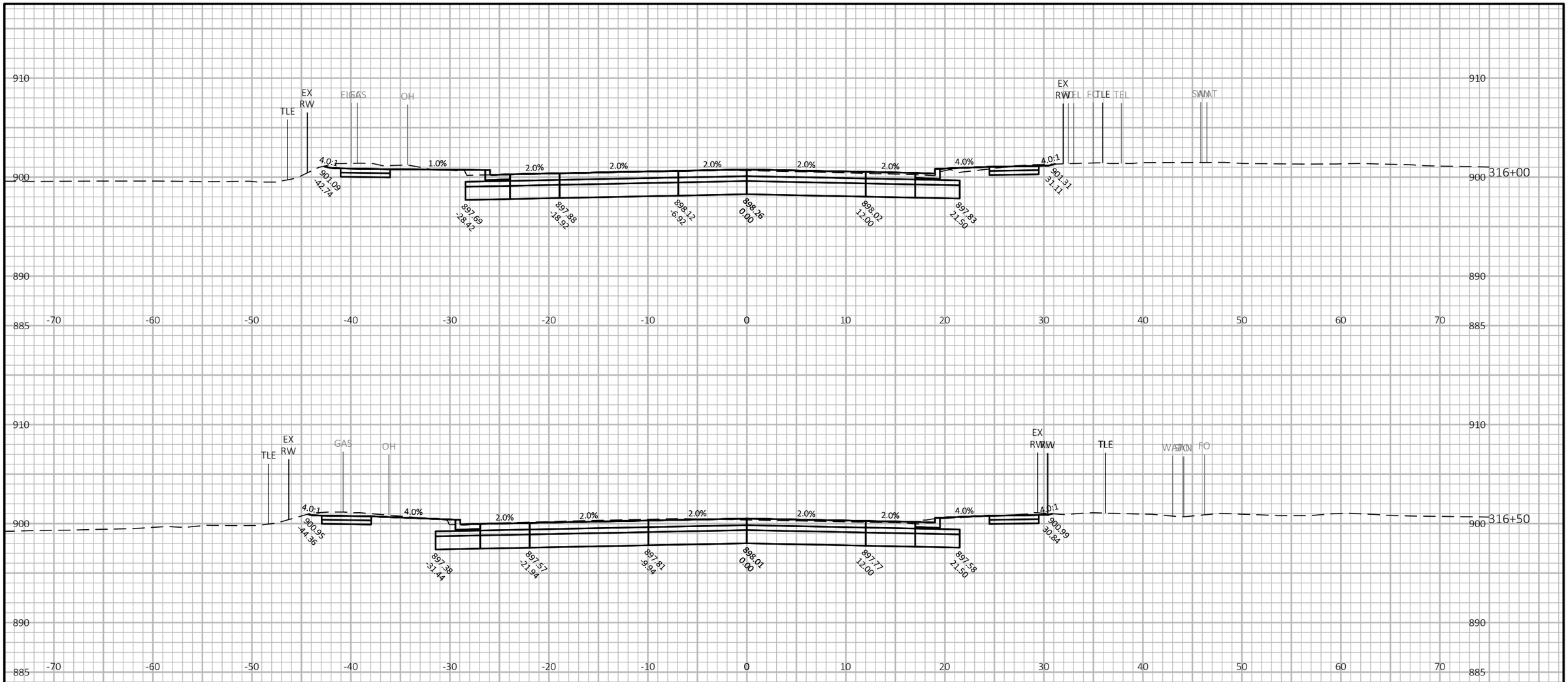
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 455	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 28

PLOT DATE : 7/26/2024 11:16 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

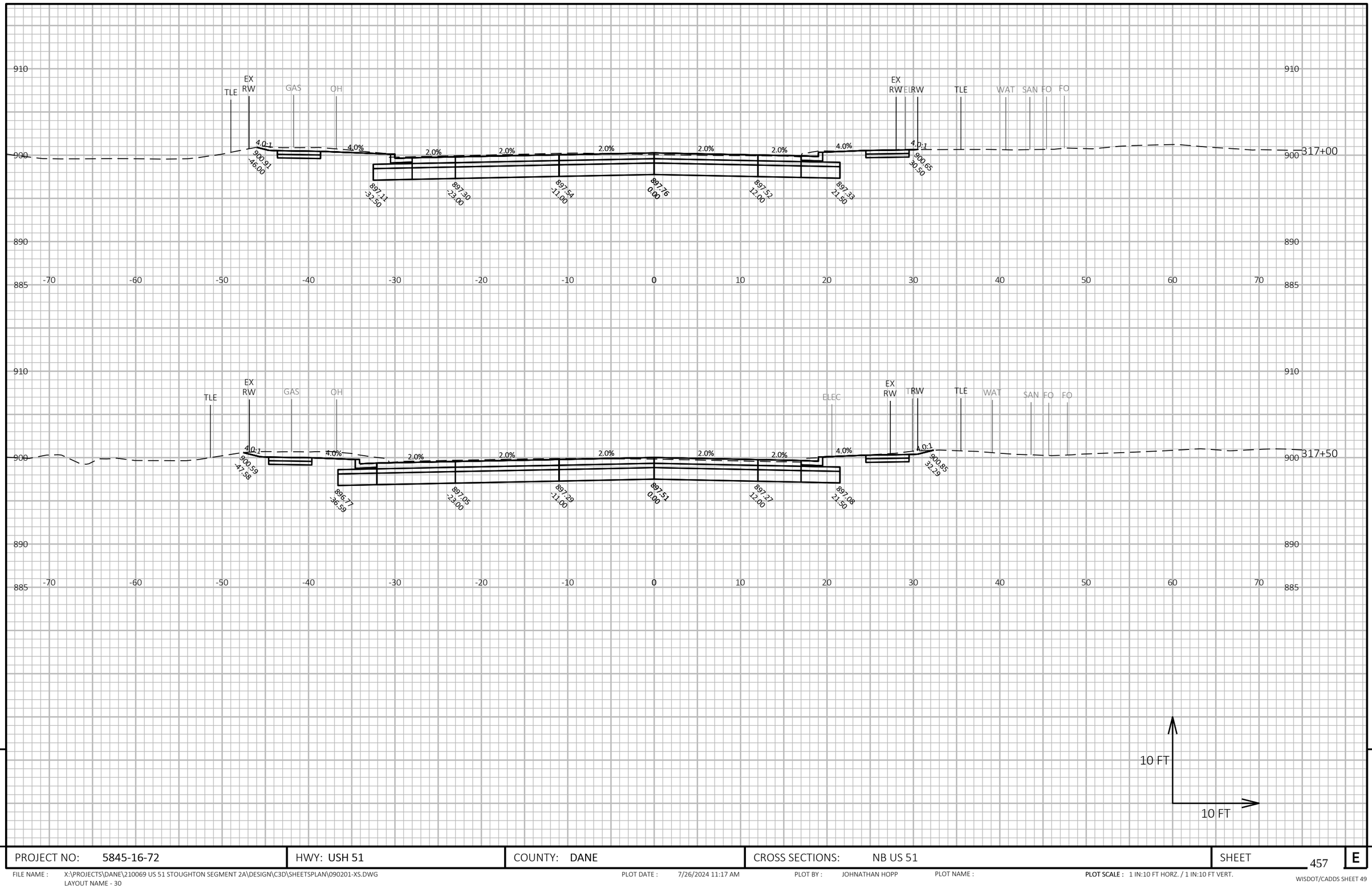


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 456	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 29

PLOT DATE : 7/26/2024 11:17 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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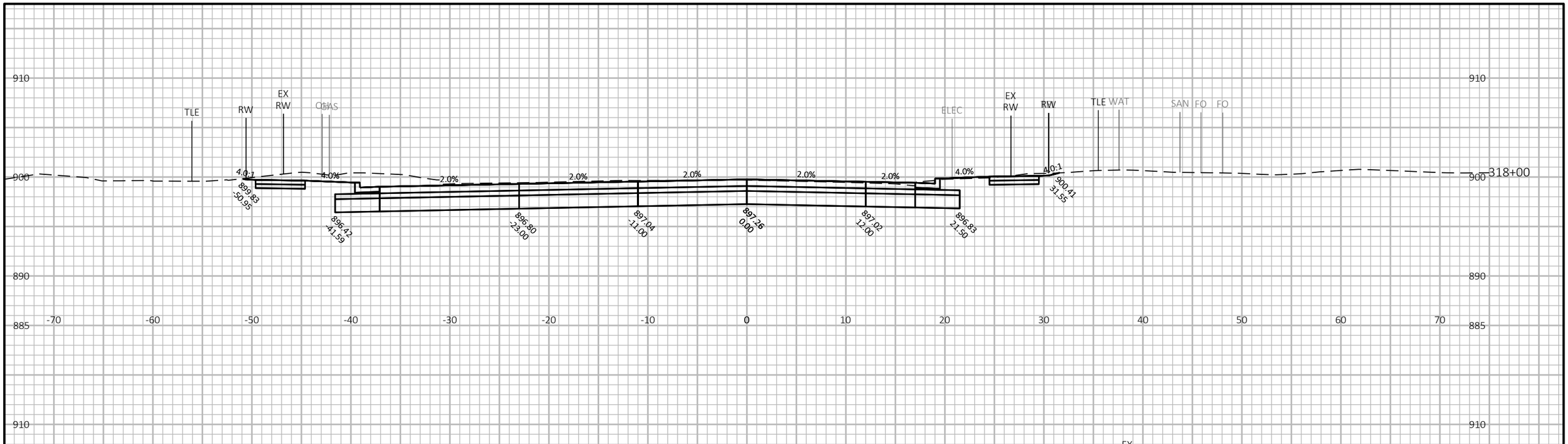
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 457	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 30

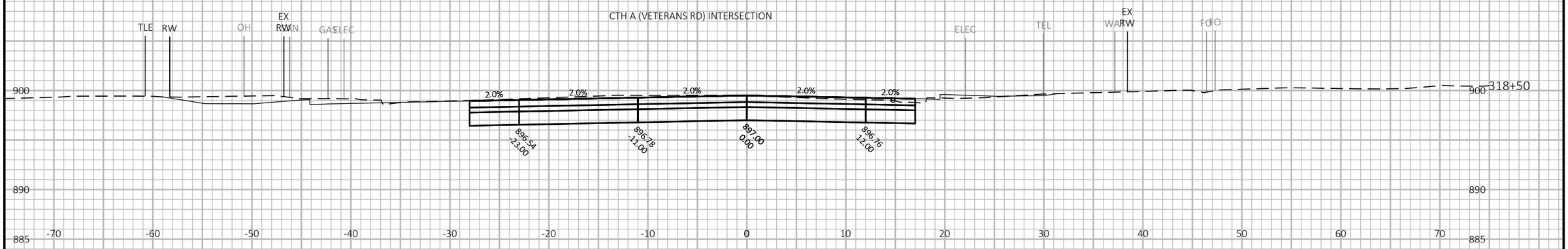
PLOT DATE : 7/26/2024 11:17 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

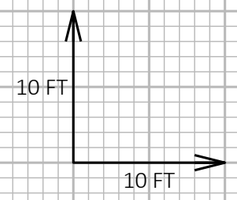
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



CTH A (VETERANS RD) INTERSECTION





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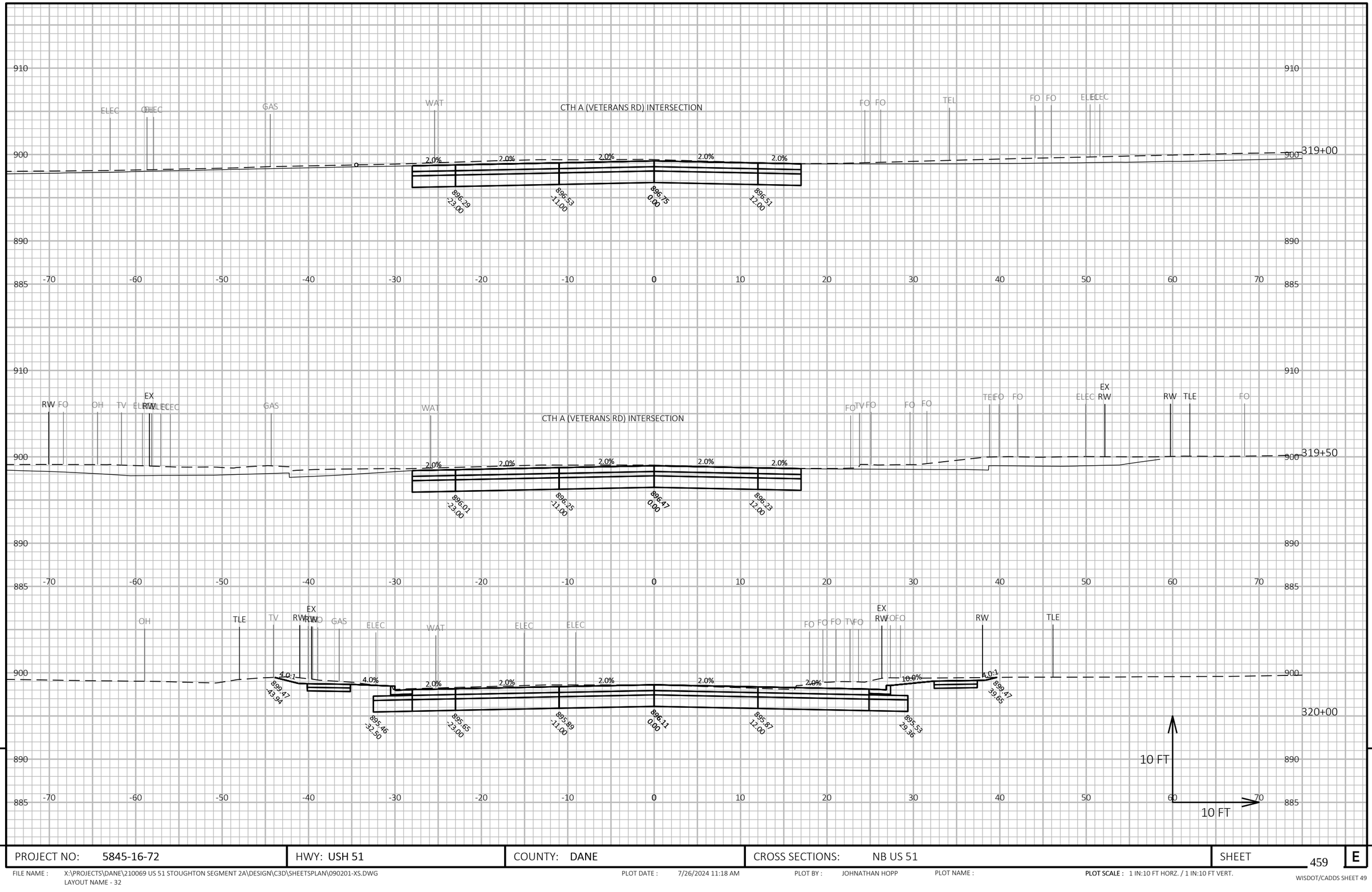
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 458	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 31

PLOT DATE : 7/26/2024 11:18 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 459	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 32

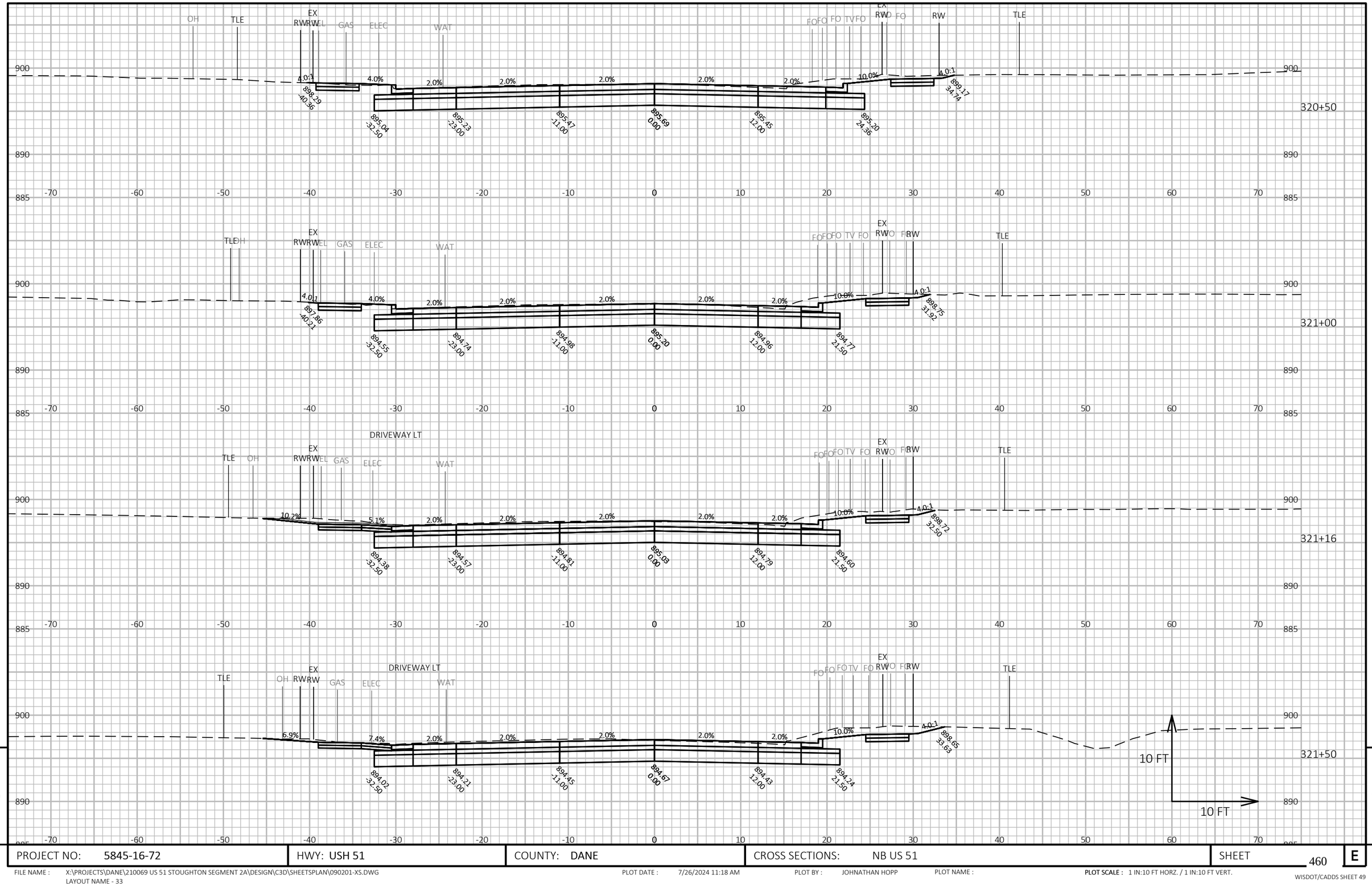
PLOT DATE : 7/26/2024 11:18 AM

PLOT BY : JOHNATHAN HOPP

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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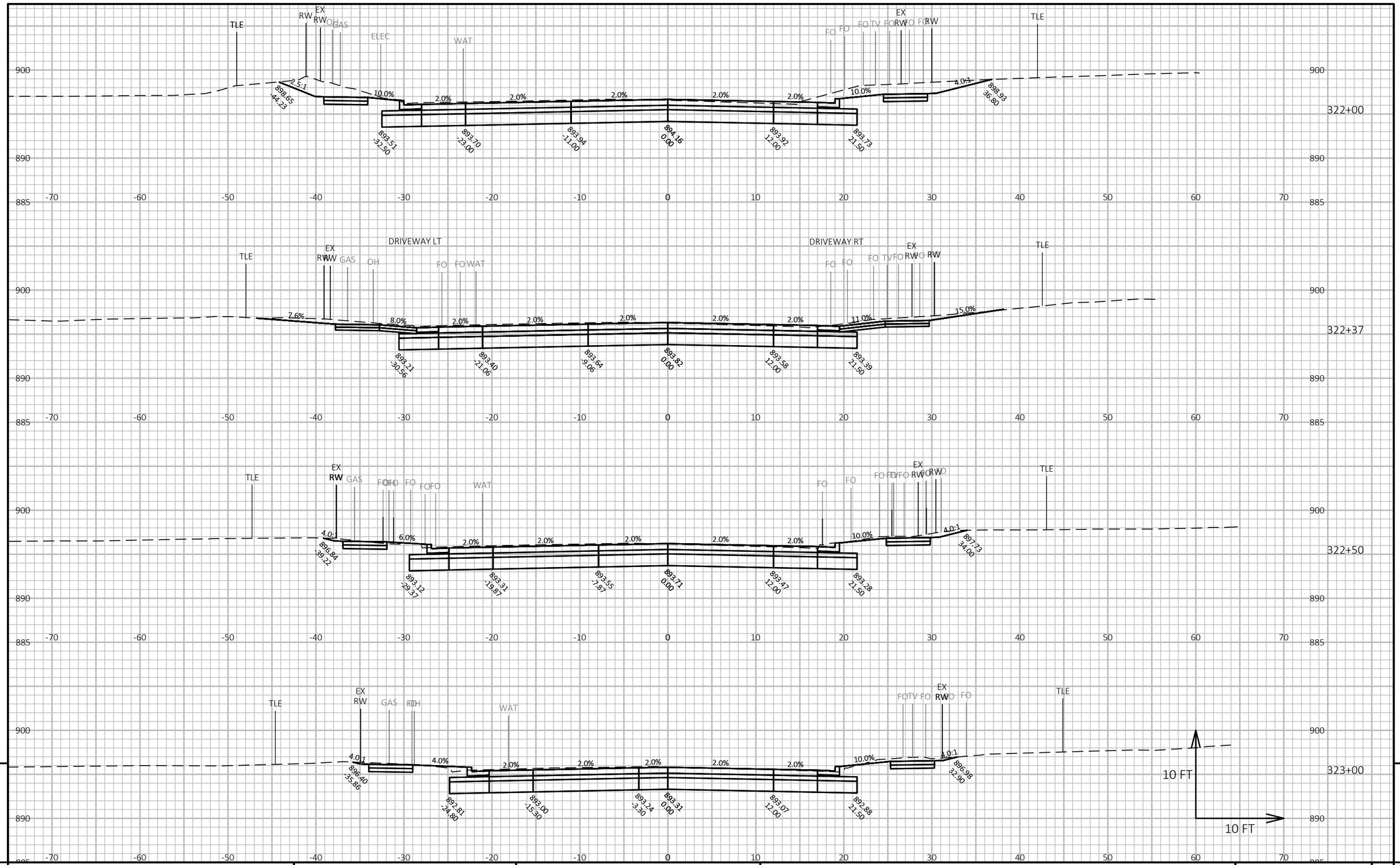
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 460	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 33

PLOT DATE : 7/26/2024 11:18 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

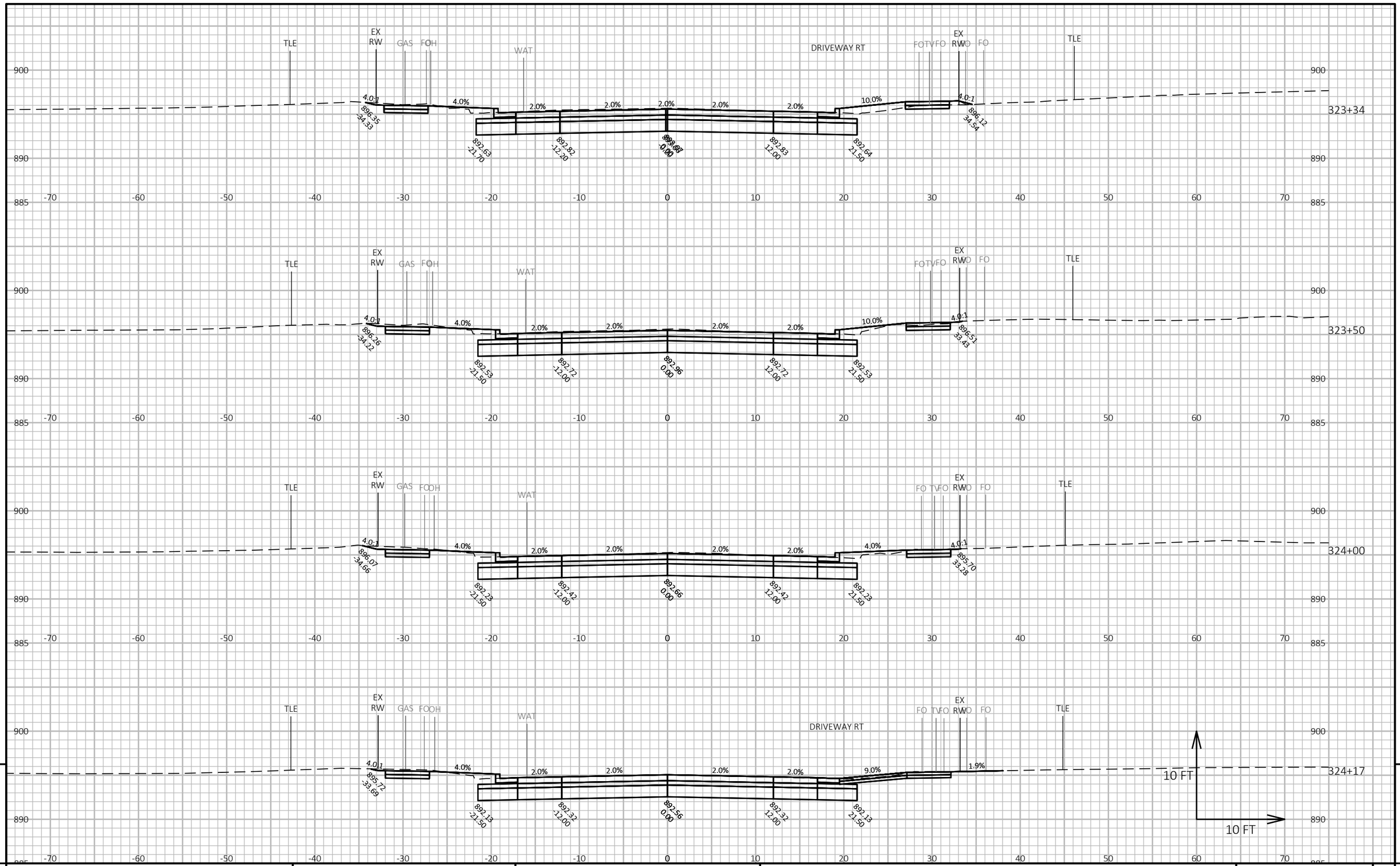


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 461 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 34

PLOT DATE : 7/26/2024 11:19 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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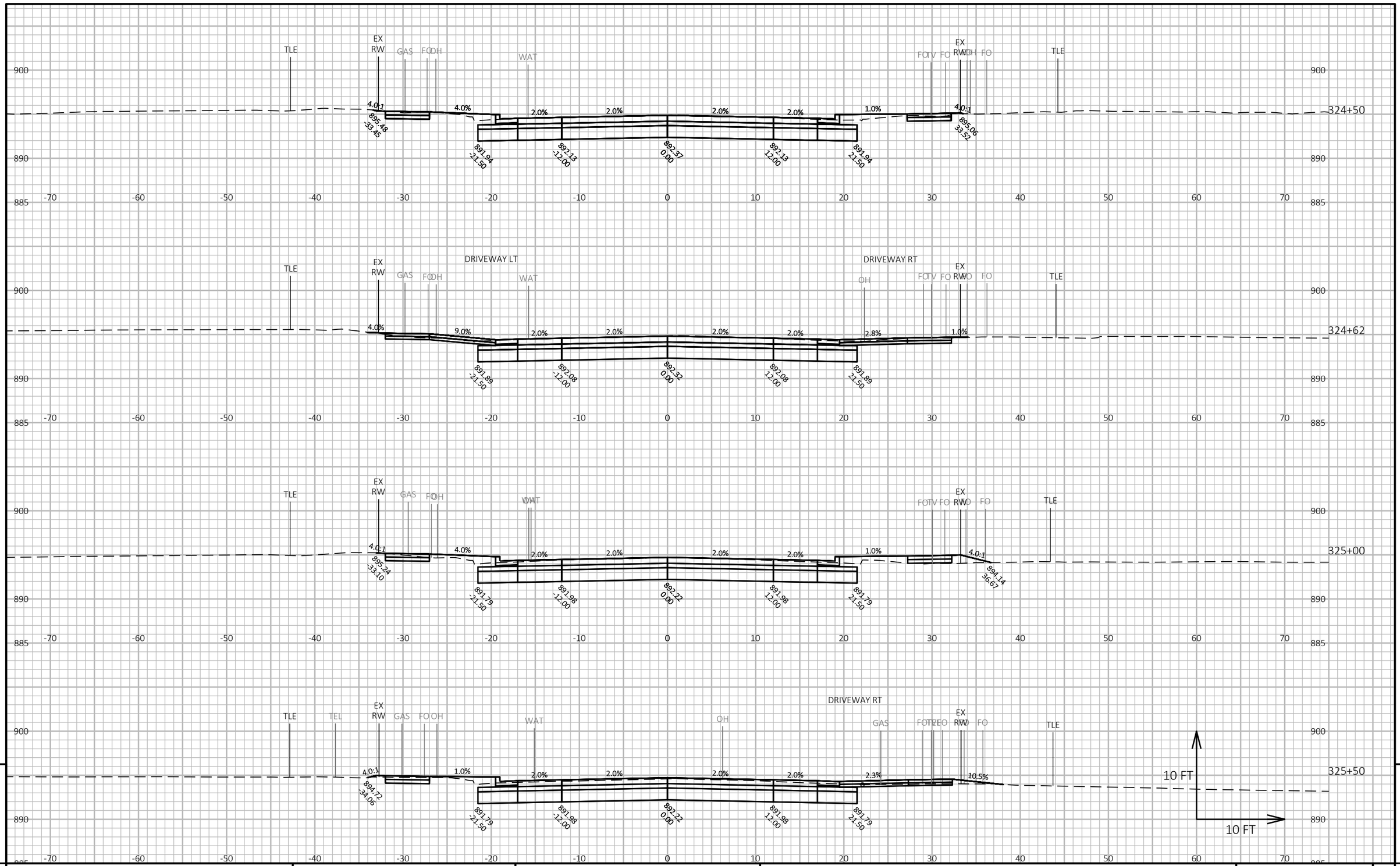
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 462	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 35

PLOT DATE : 7/26/2024 11:19 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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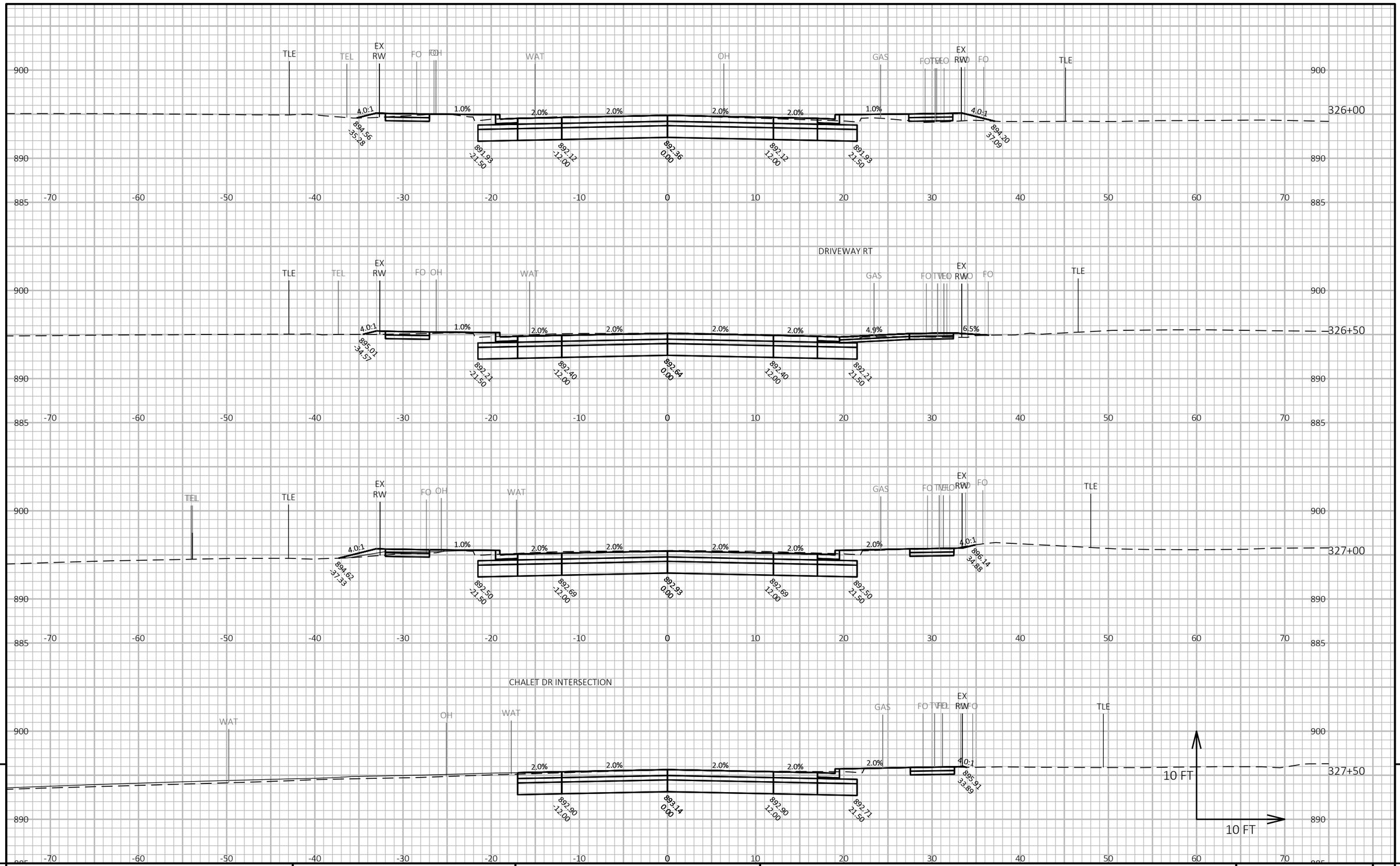
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 463	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 36

PLOT DATE : 7/26/2024 11:20 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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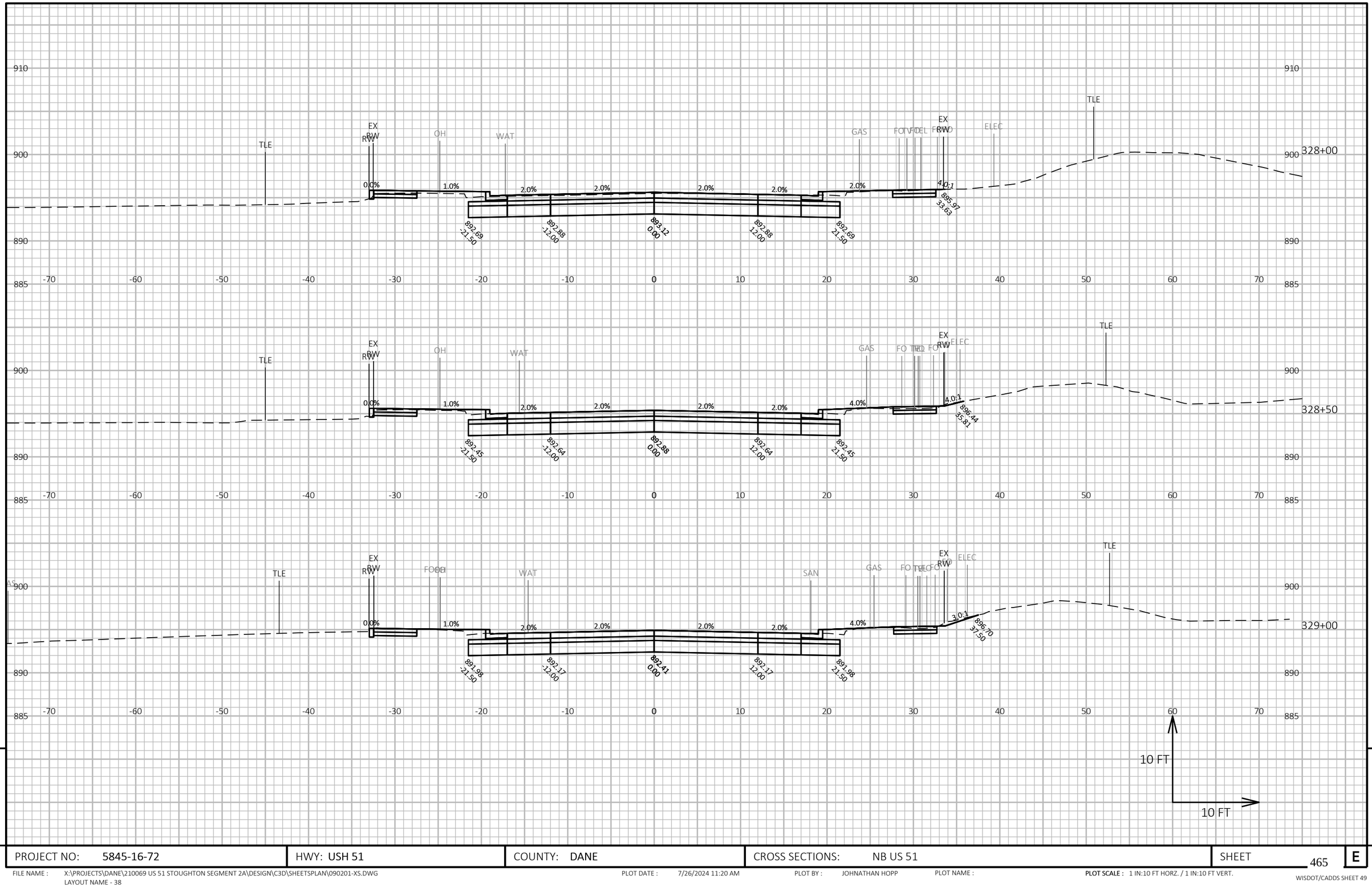
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 464	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 37

PLOT DATE : 7/26/2024 11:20 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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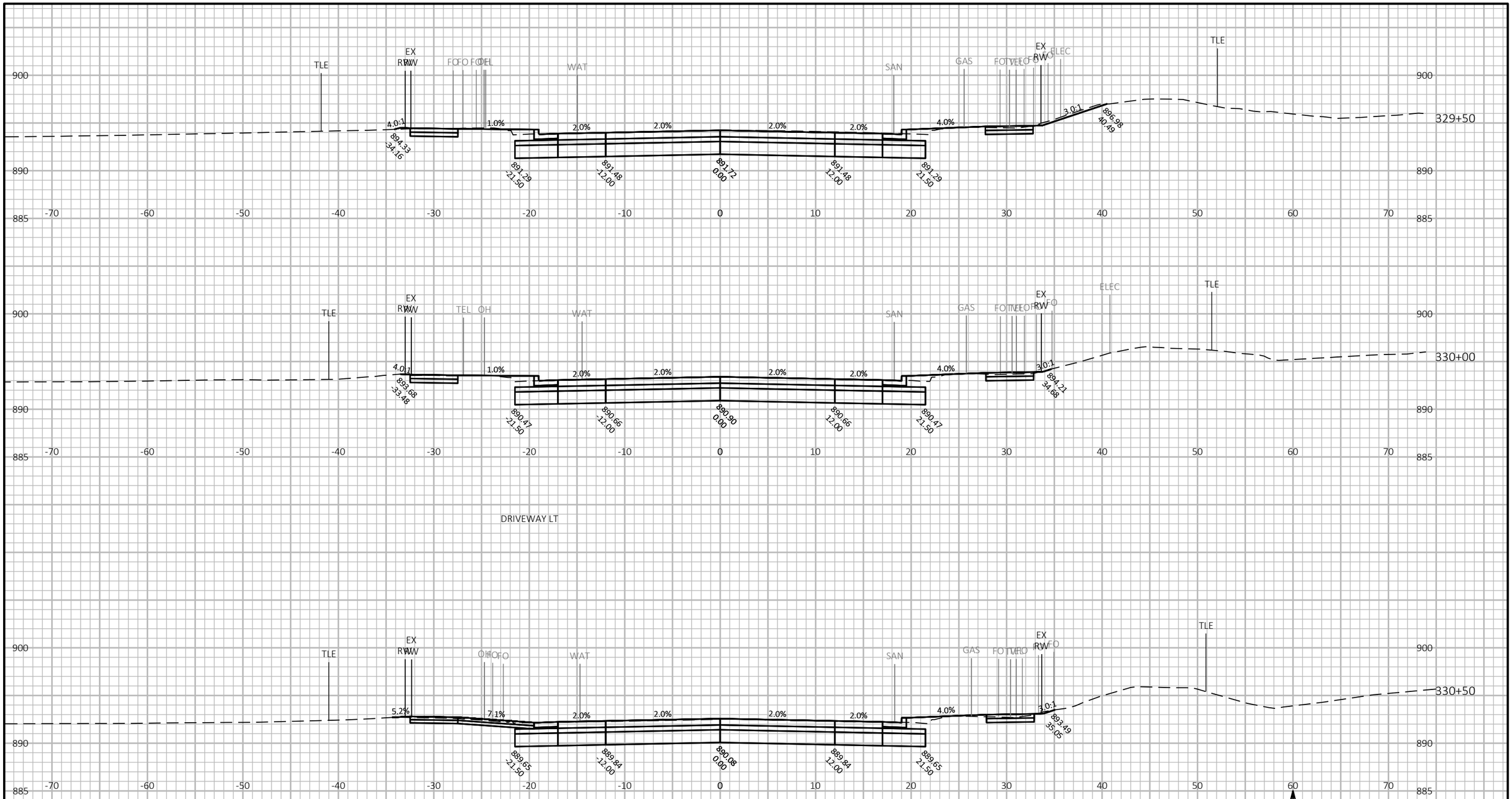
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 465	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 38

PLOT DATE : 7/26/2024 11:20 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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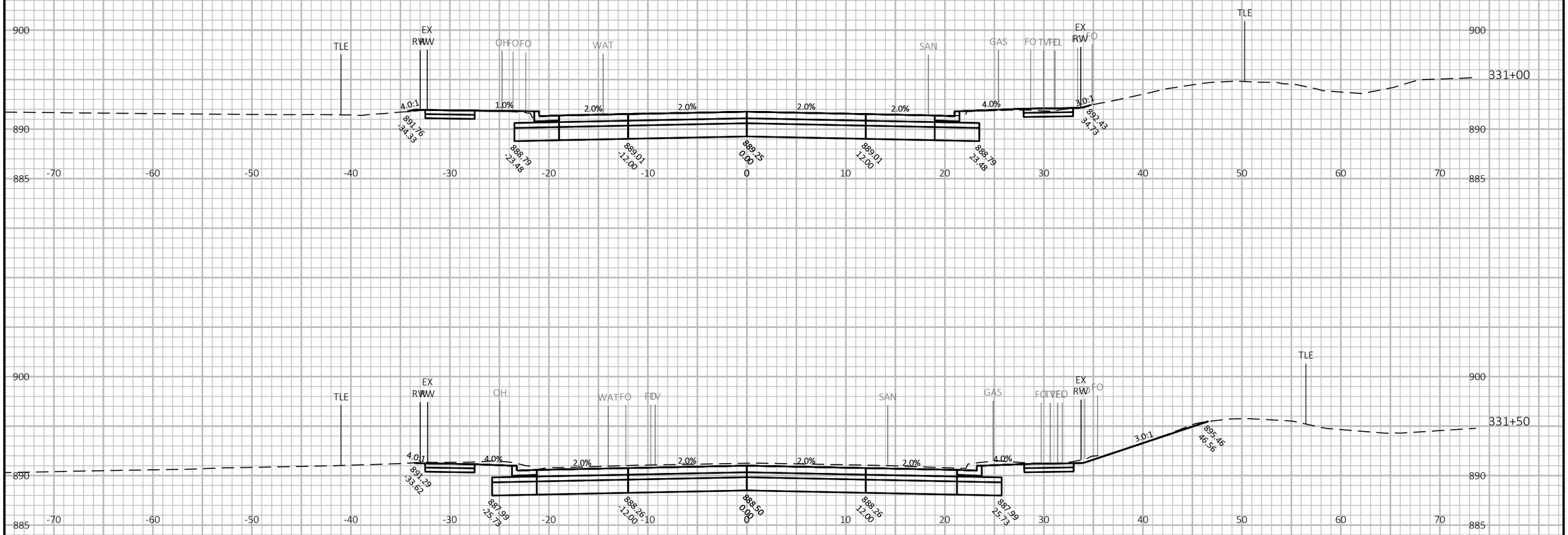
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 466	E

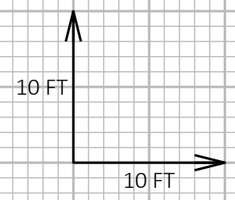
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 39

PLOT DATE : 7/26/2024 11:21 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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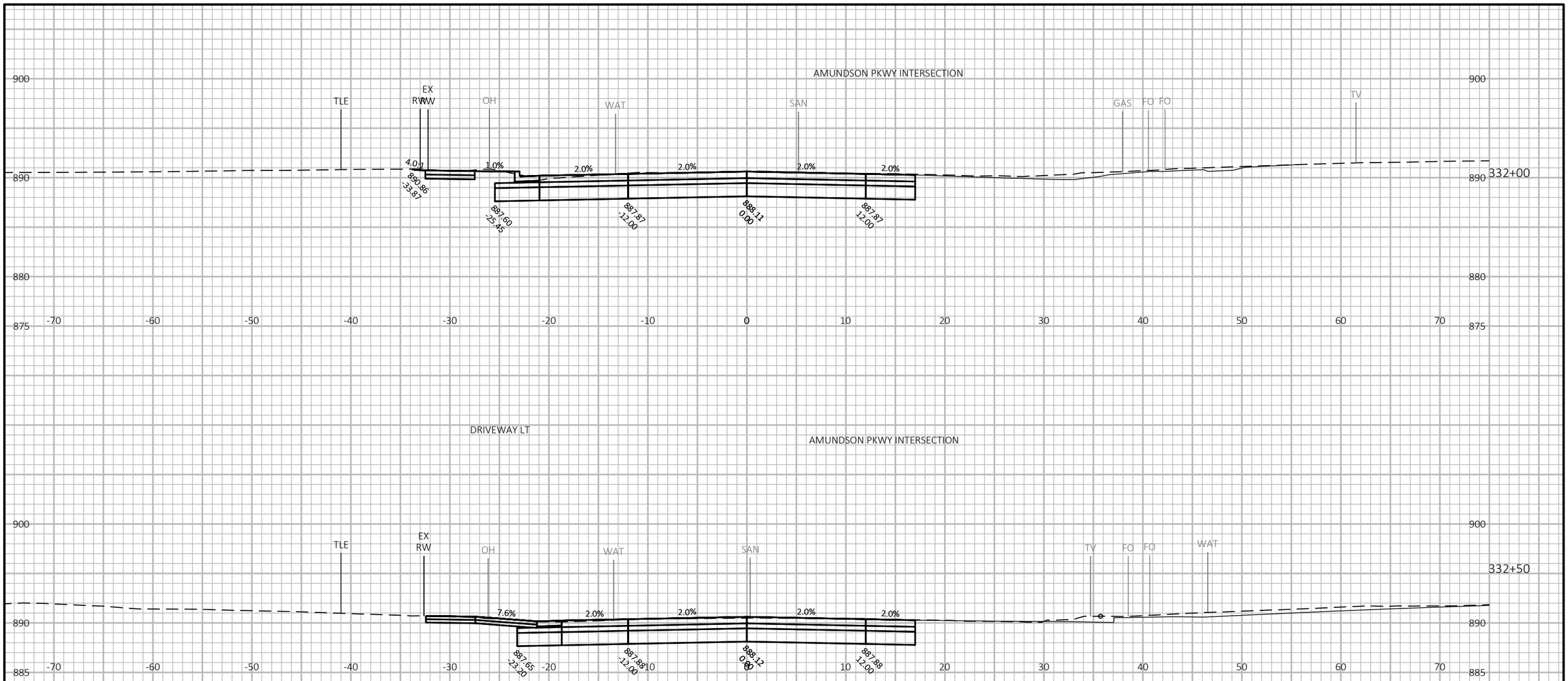
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 467	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 40

PLOT DATE : 7/26/2024 11:21 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



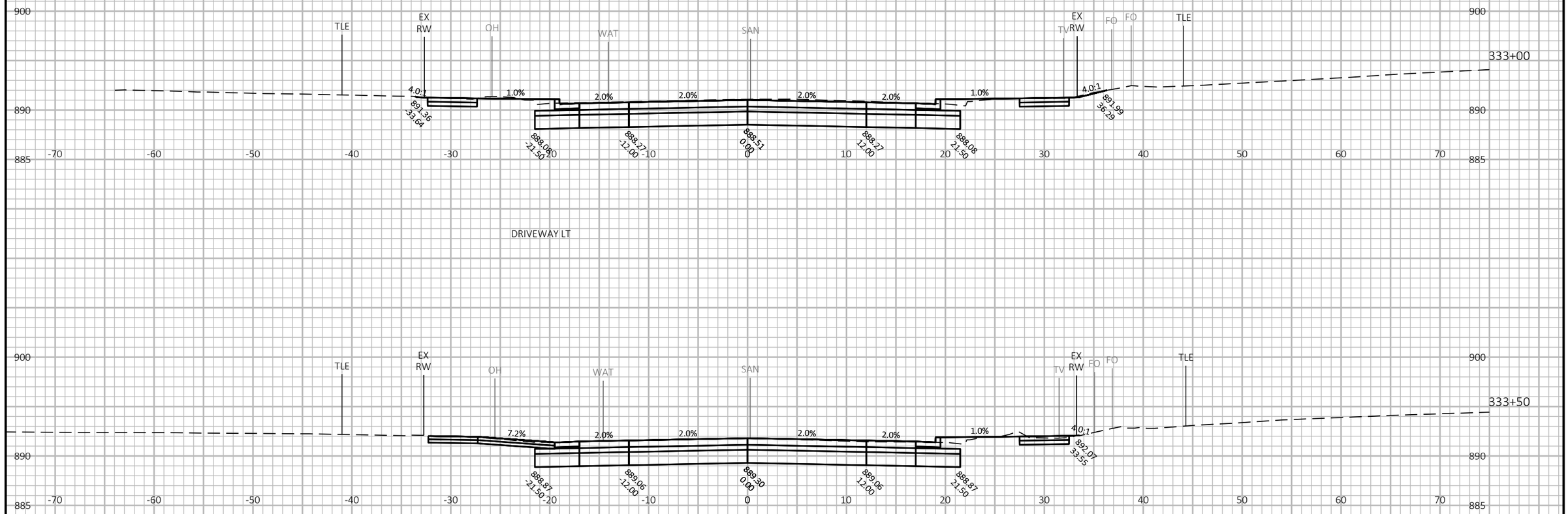
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 468	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 41

PLOT DATE : 7/26/2024 11:21 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



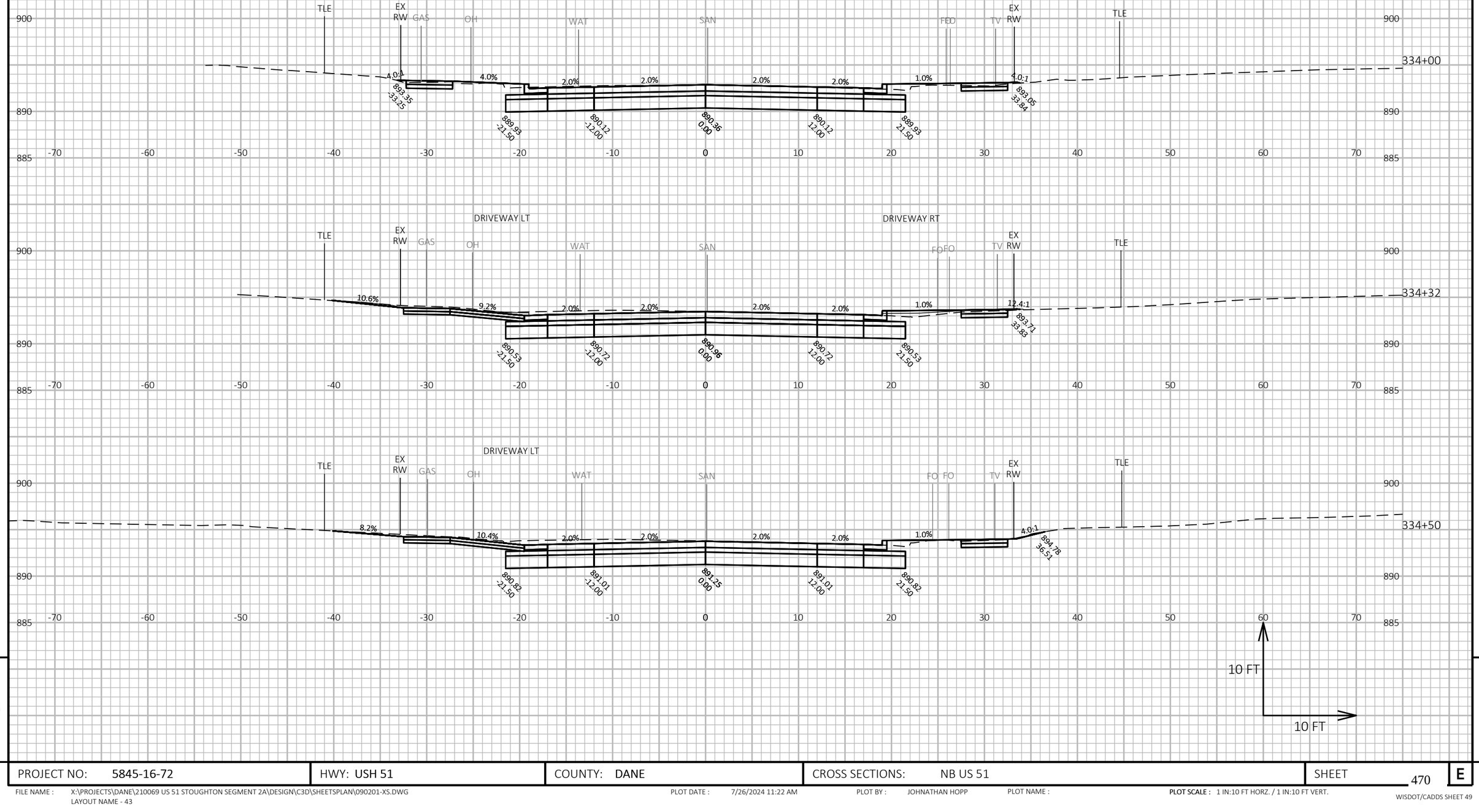
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 469	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 42

PLOT DATE : 7/26/2024 11:22 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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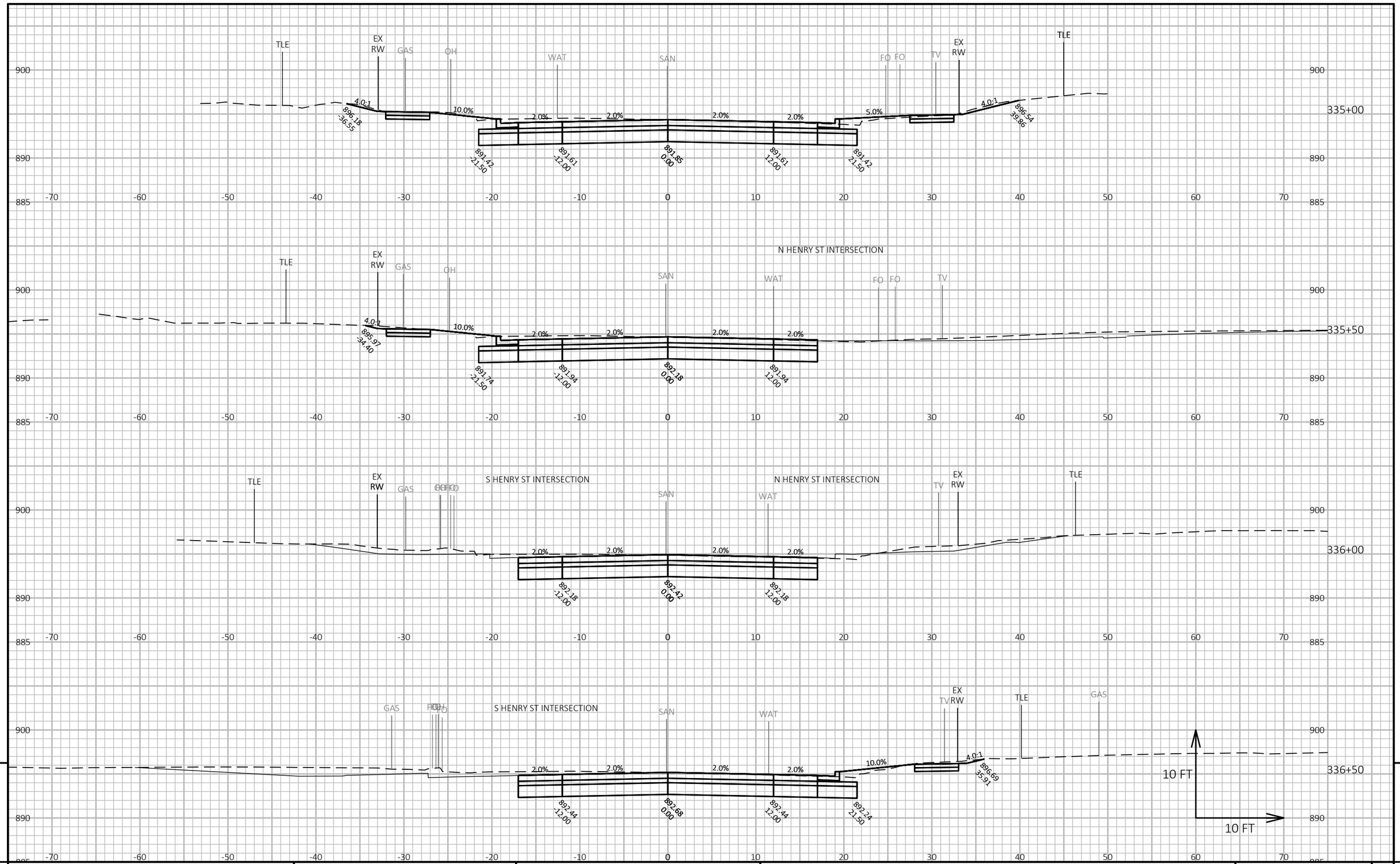
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 470	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 43

PLOT DATE : 7/26/2024 11:22 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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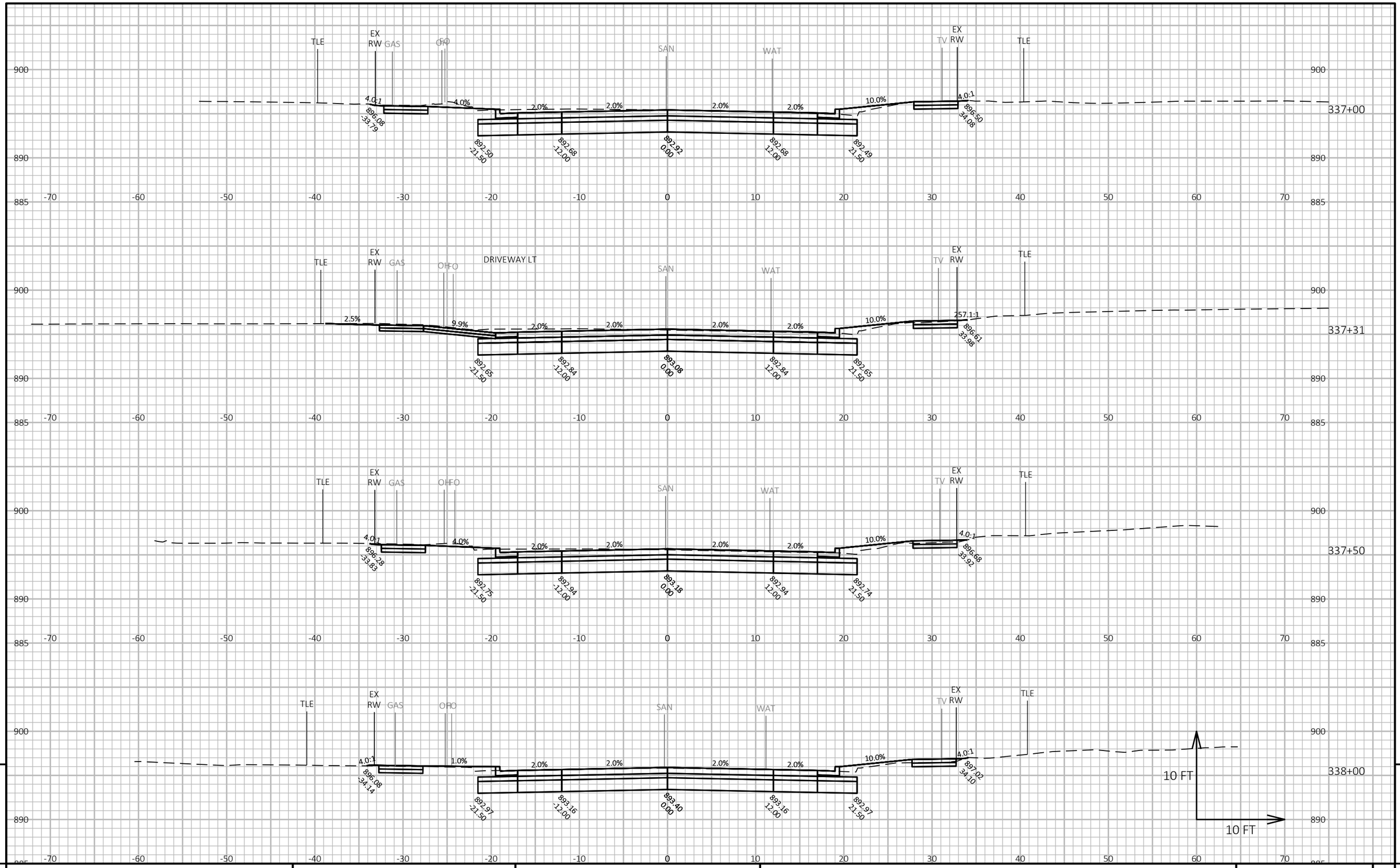
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 471	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 44

PLOT DATE : 7/26/2024 11:23 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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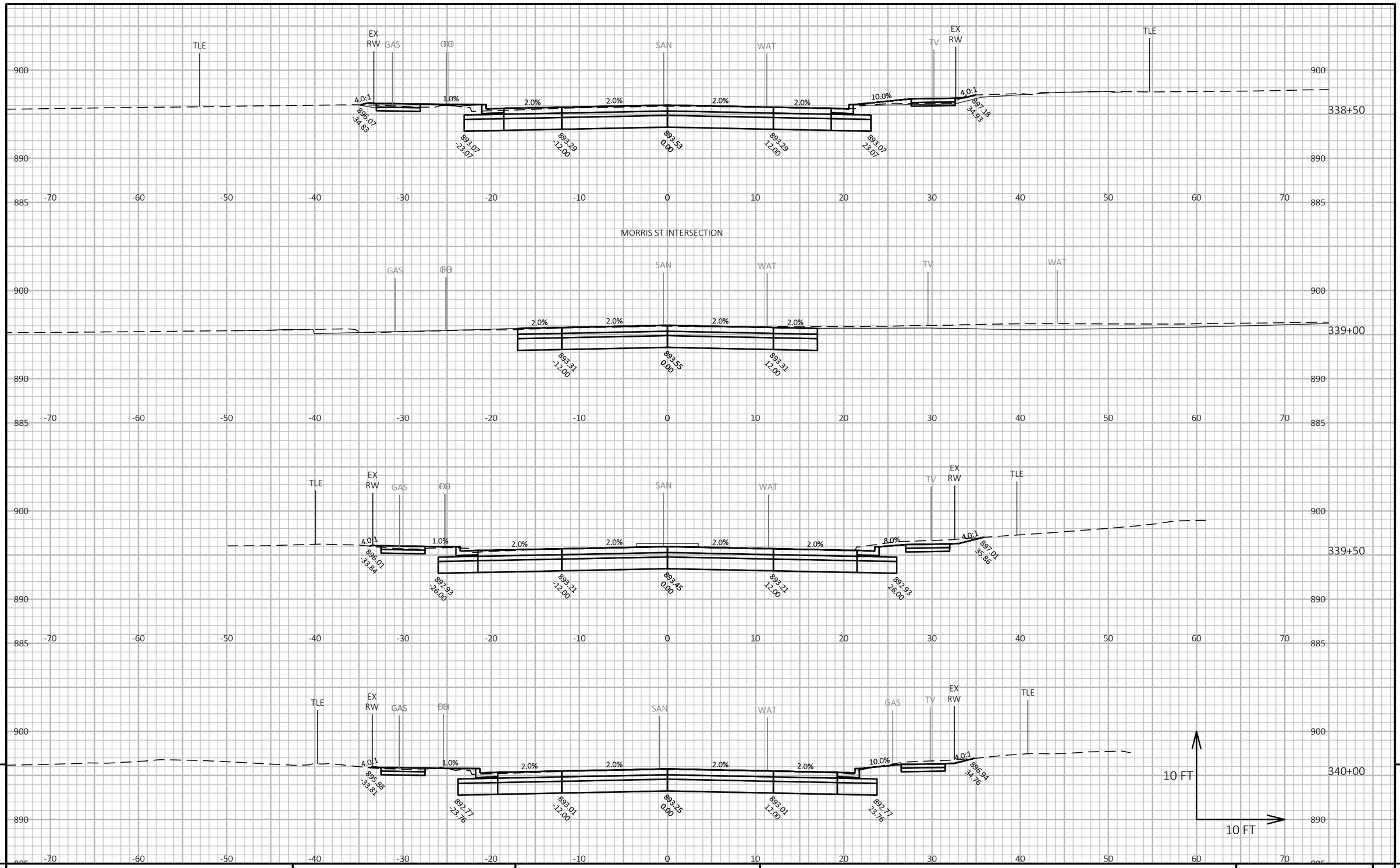
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 472	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 45

PLOT DATE : 7/26/2024 11:23 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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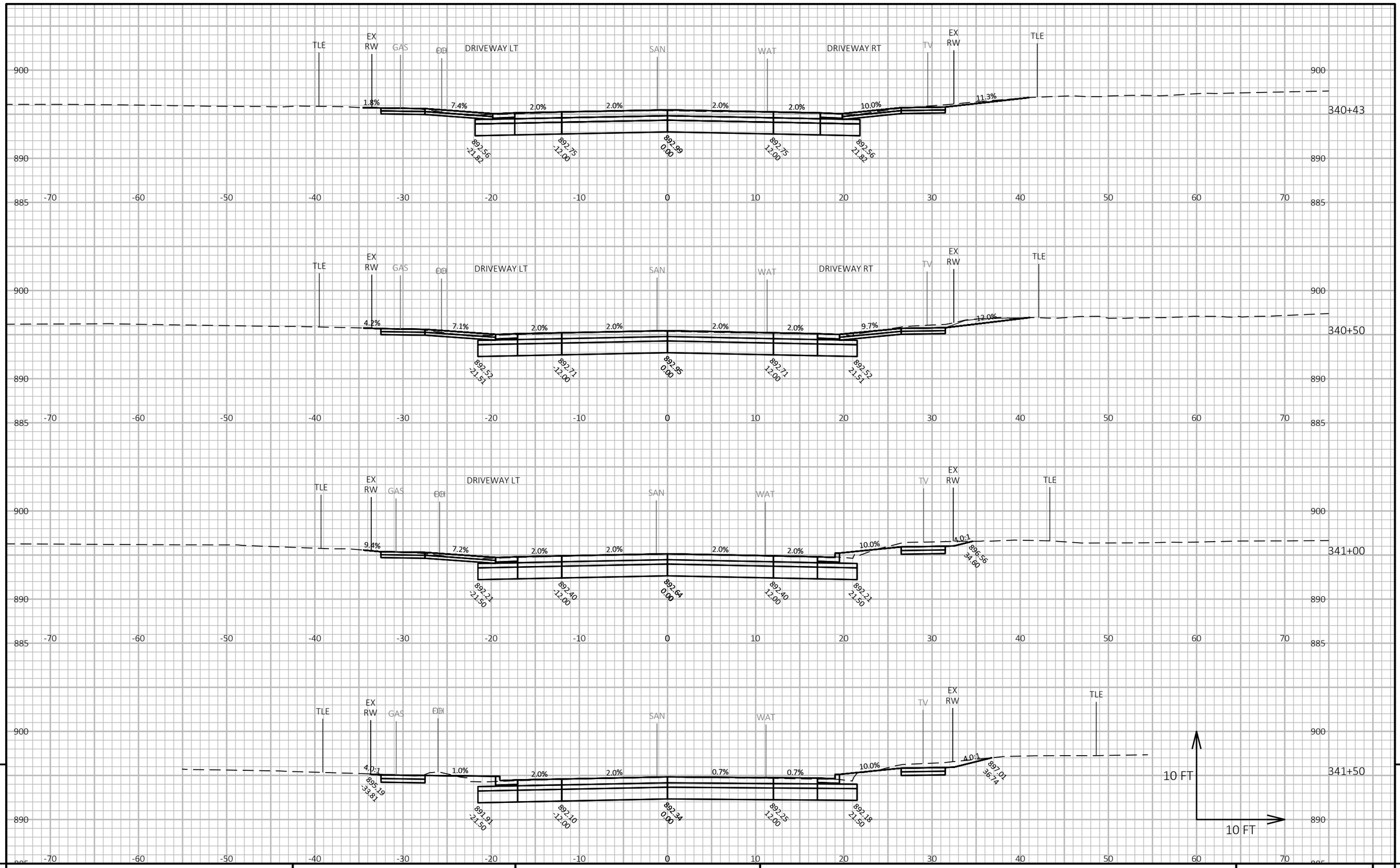
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 473	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 46

PLOT DATE : 7/26/2024 11:24 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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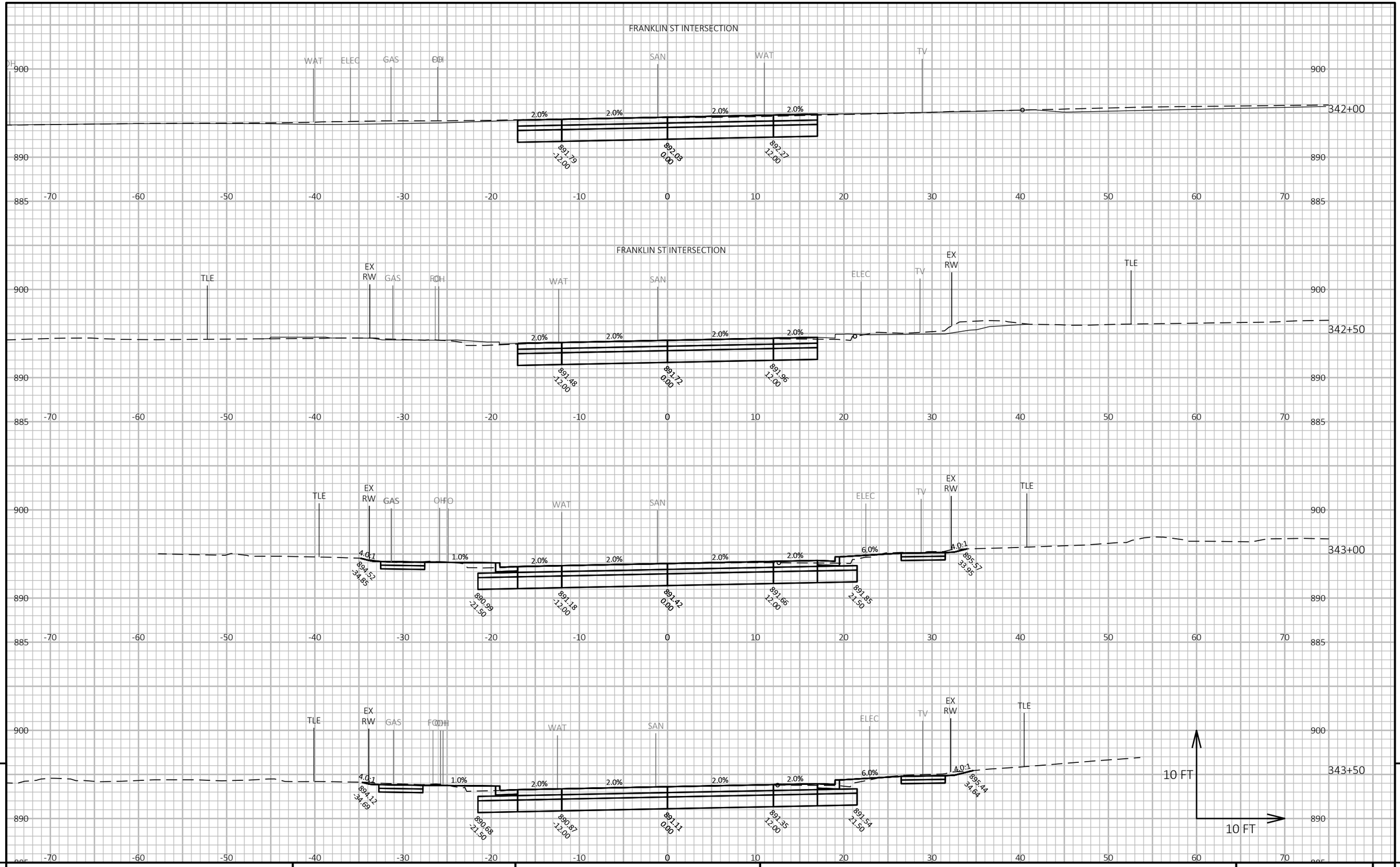
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 474	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 47

PLOT DATE : 7/26/2024 11:24 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

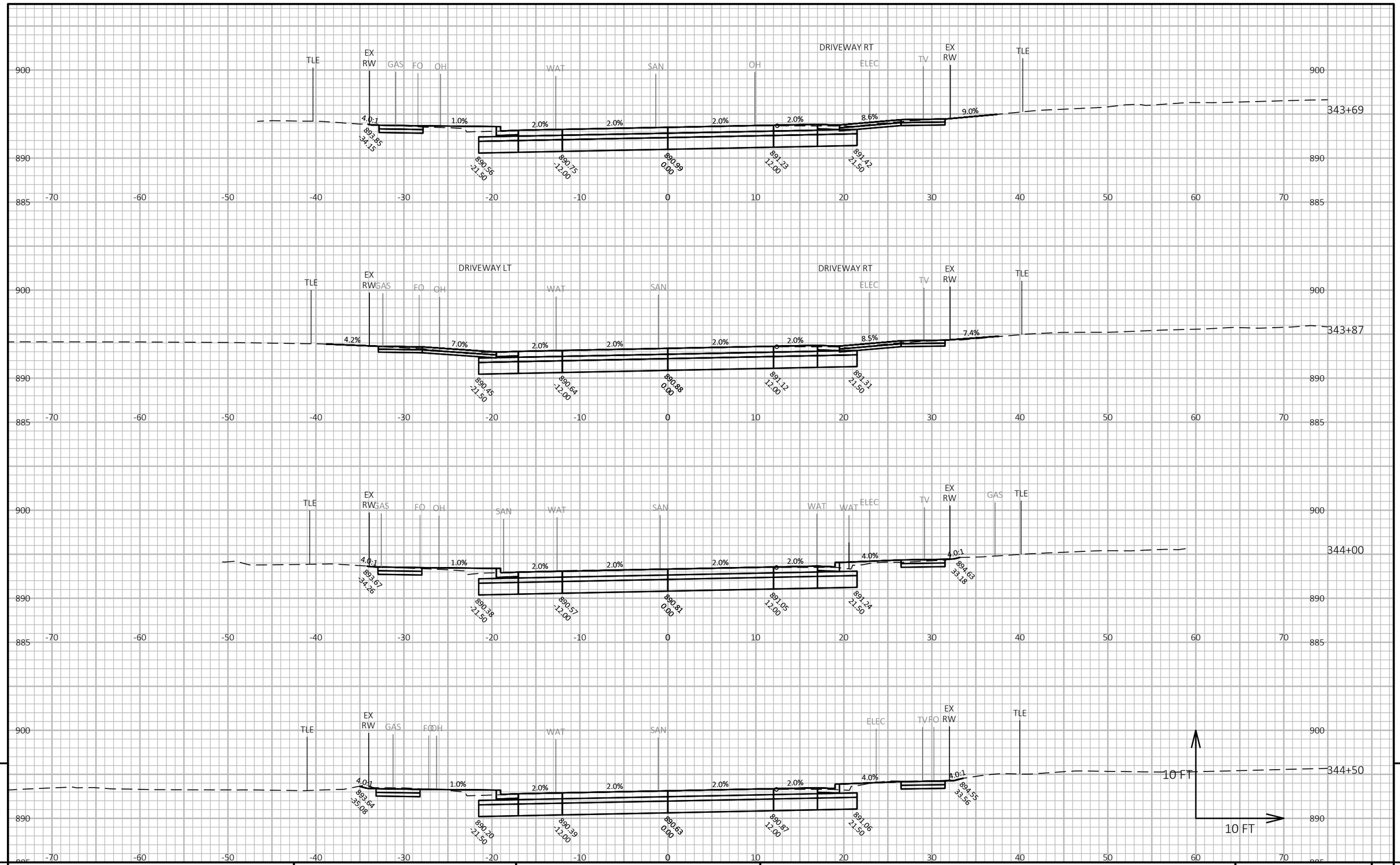


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 475 E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 48

PLOT DATE : 7/26/2024 11:24 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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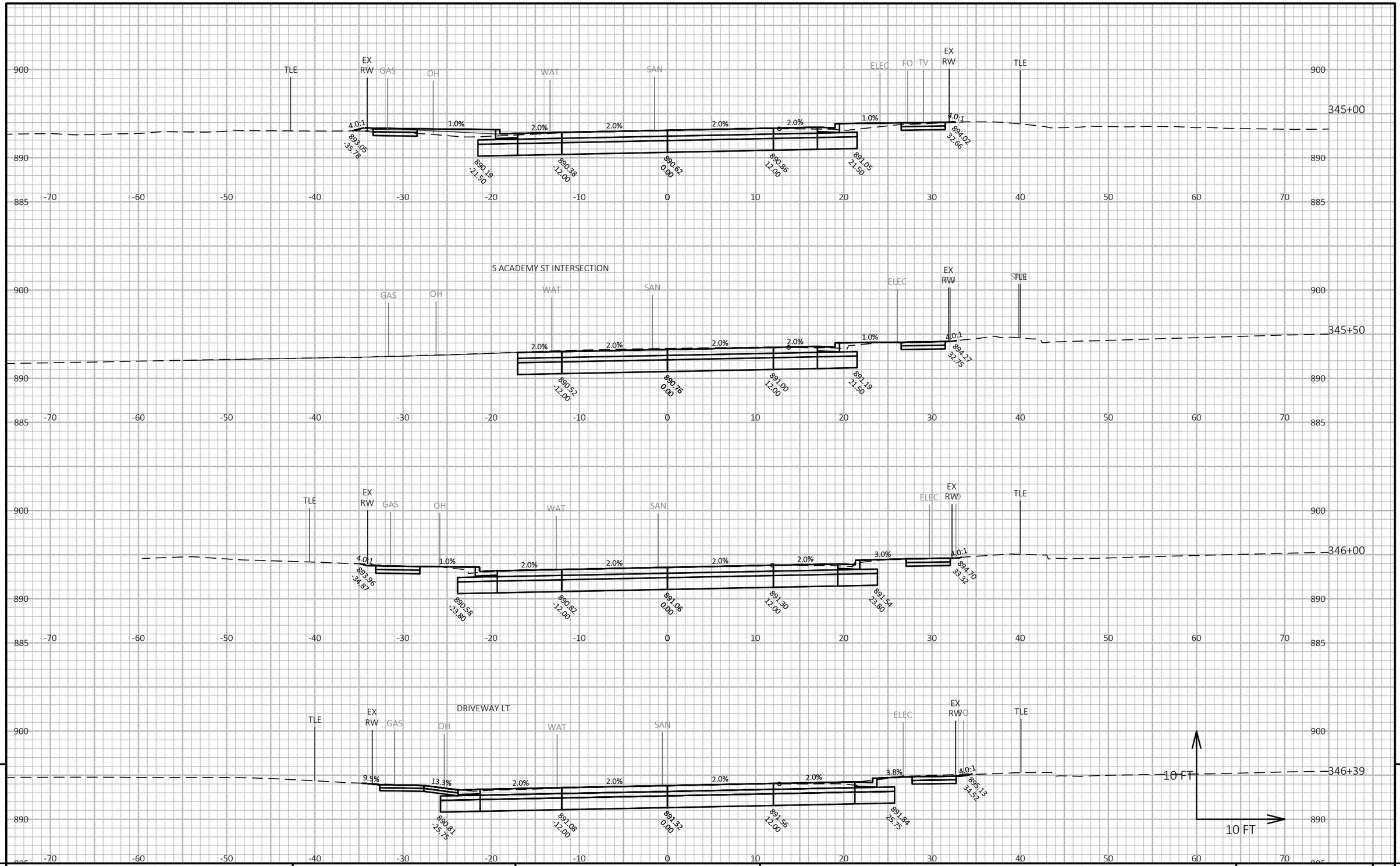
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 476	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 49

PLOT DATE : 7/26/2024 11:25 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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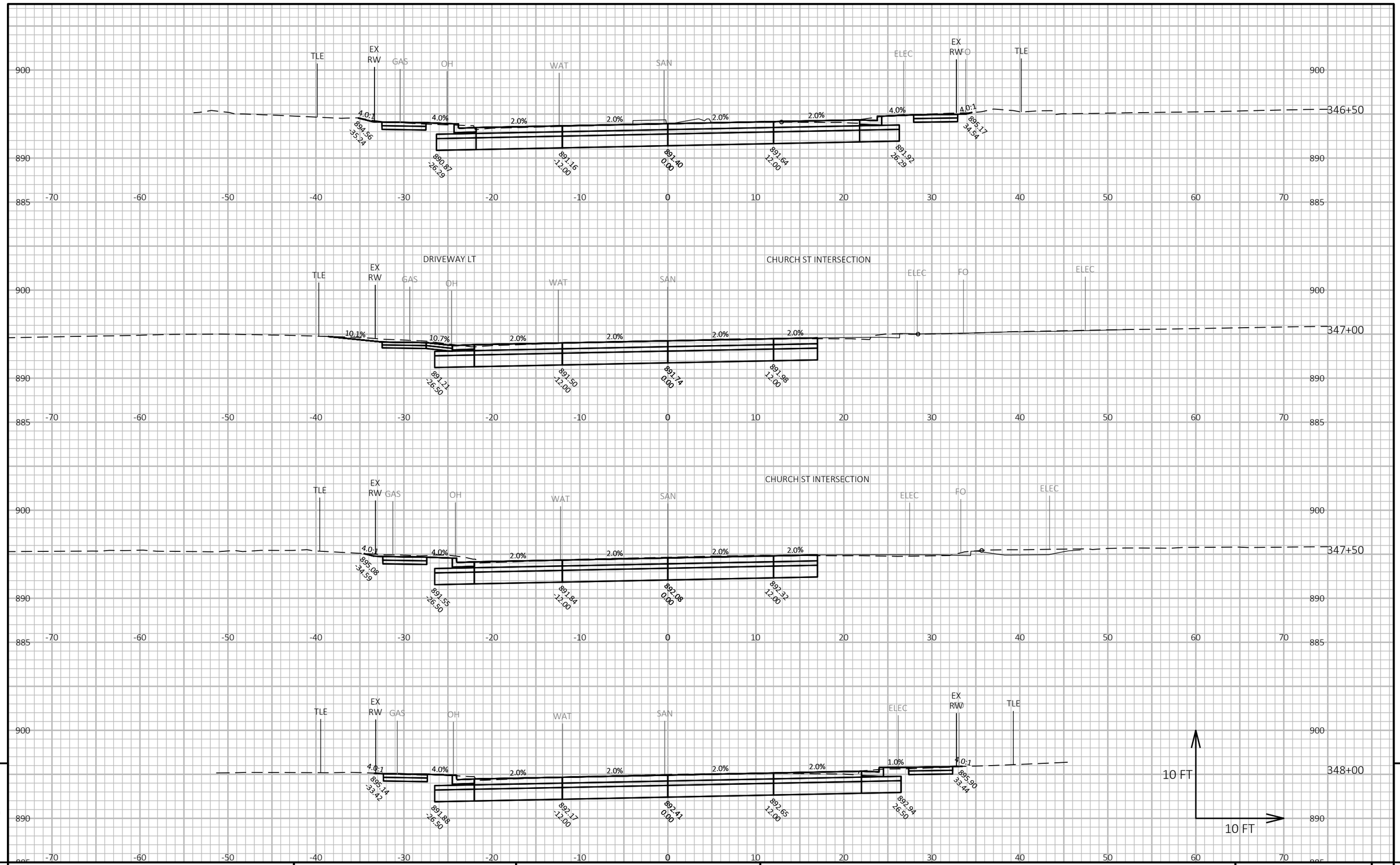
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 477	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 50

PLOT DATE : 7/26/2024 11:25 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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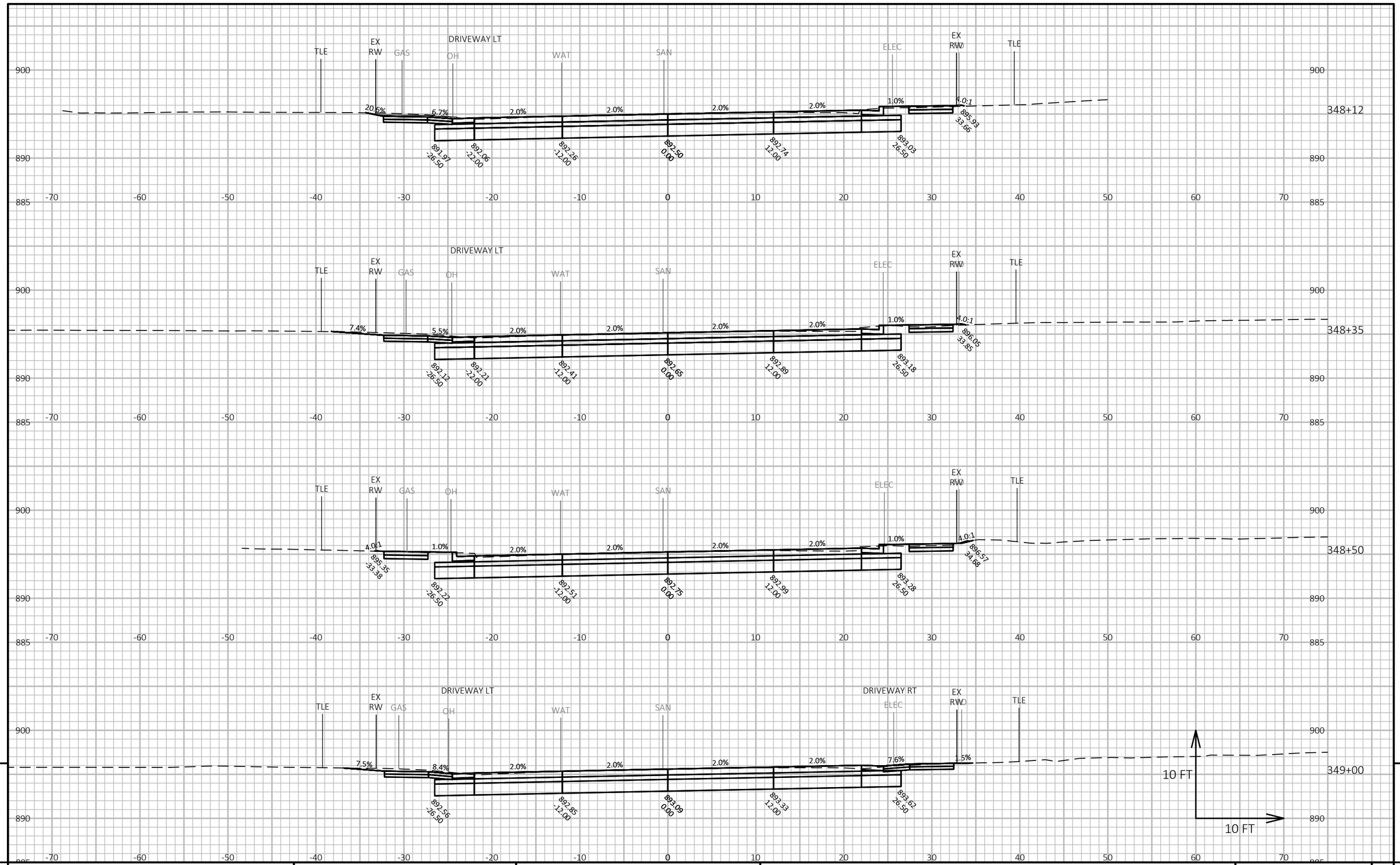
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 478	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 51

PLOT DATE : 7/26/2024 11:26 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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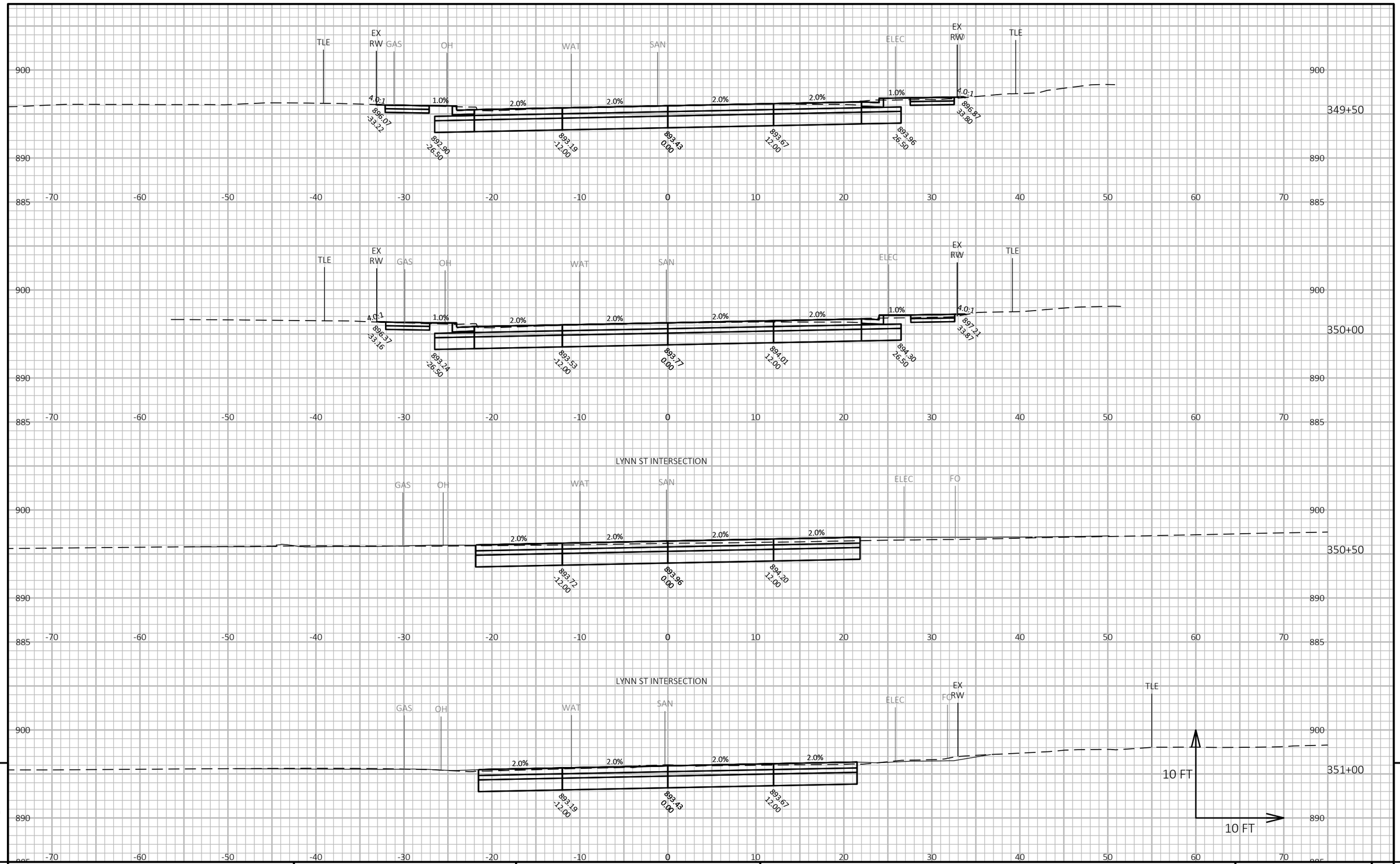
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 479	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 52

PLOT DATE : 7/26/2024 11:26 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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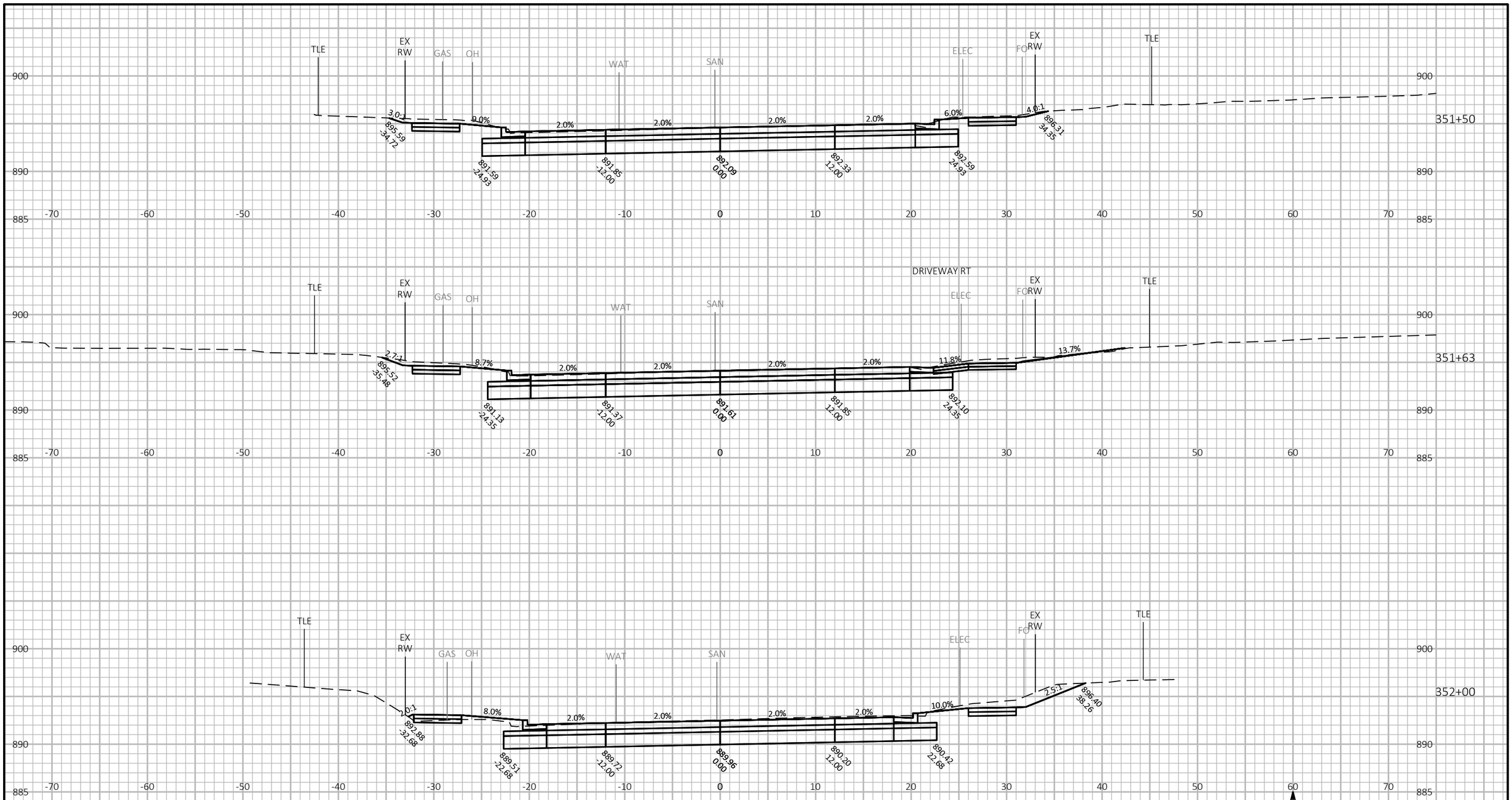
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 480	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 53

PLOT DATE : 7/26/2024 11:26 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

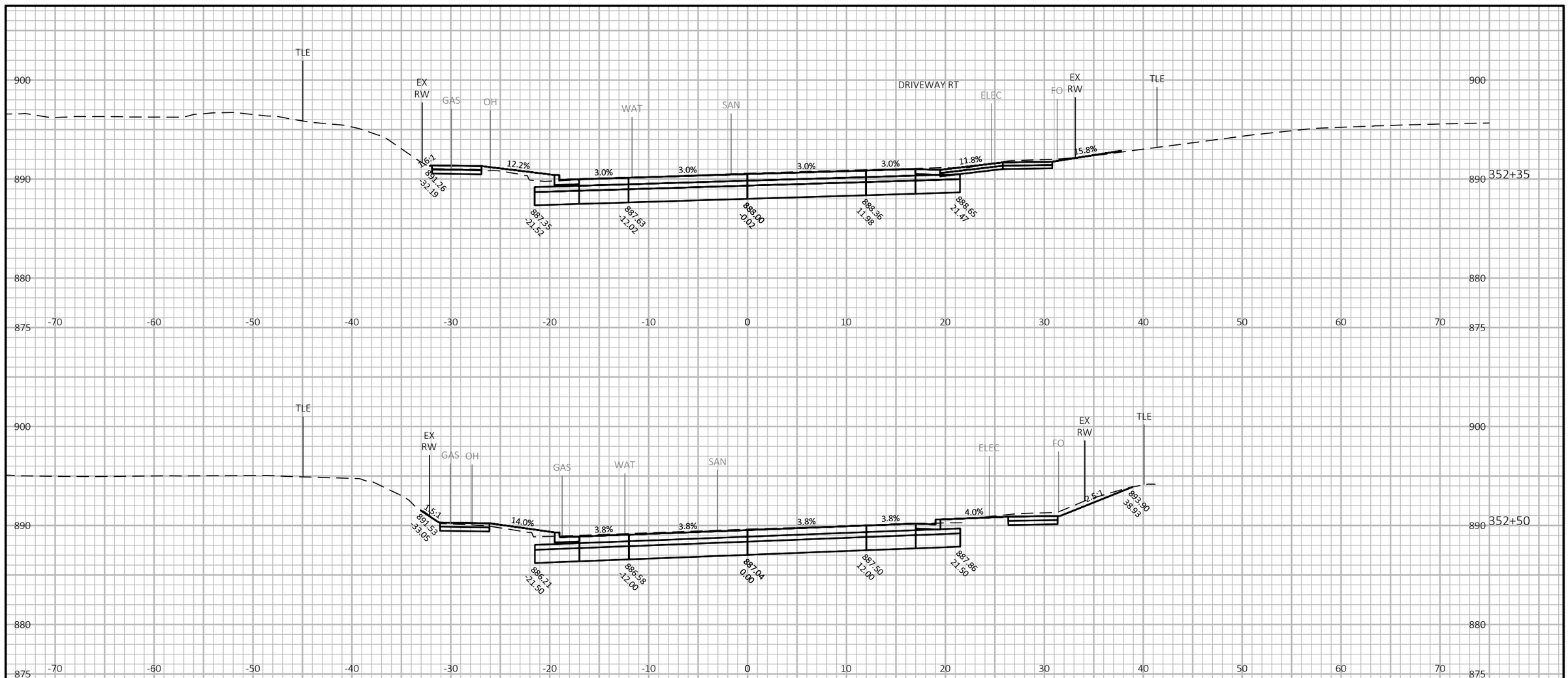
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 481	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 54

PLOT DATE : 7/26/2024 11:27 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

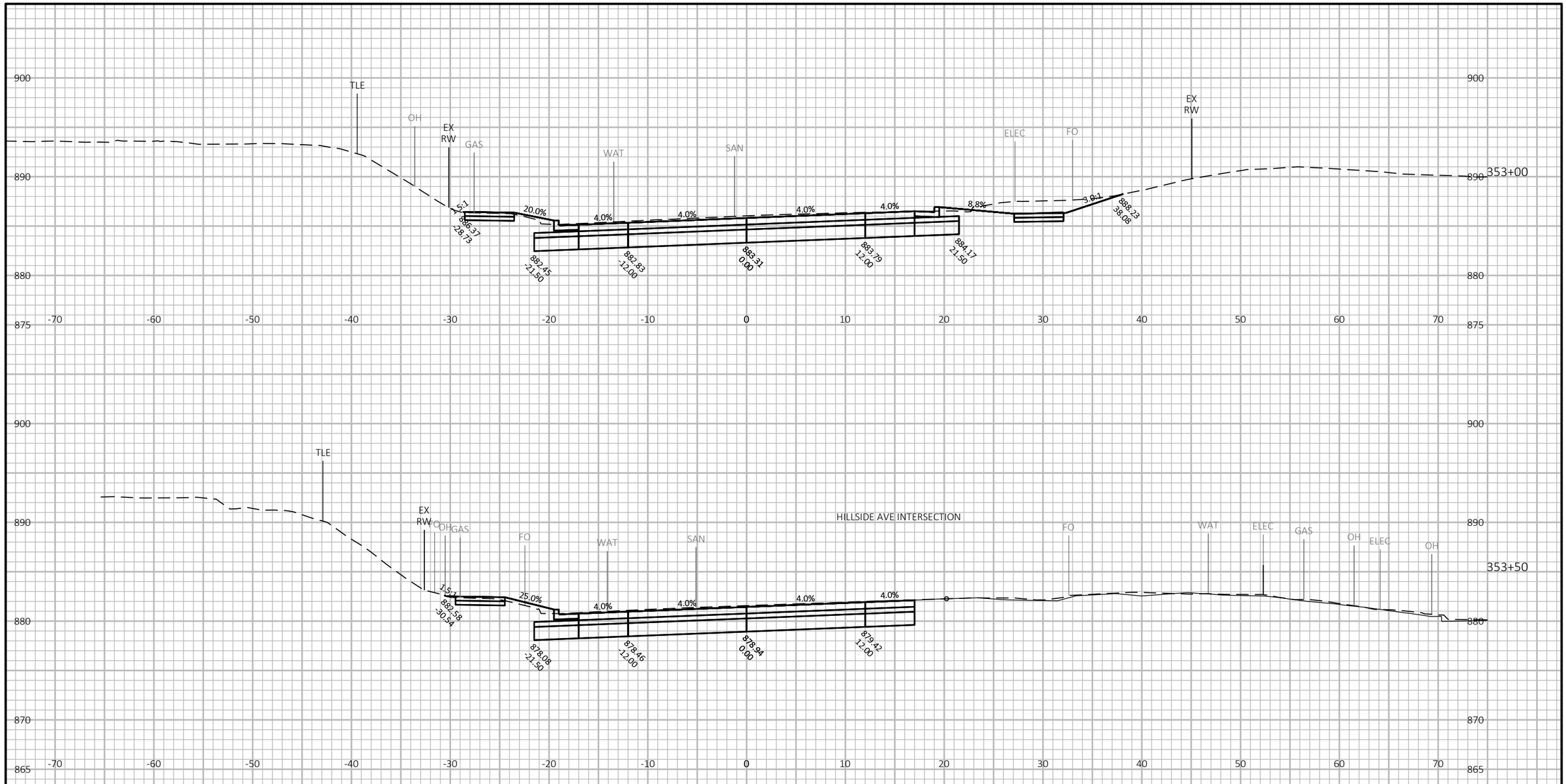
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 482	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 55

PLOT DATE : 7/26/2024 11:27 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

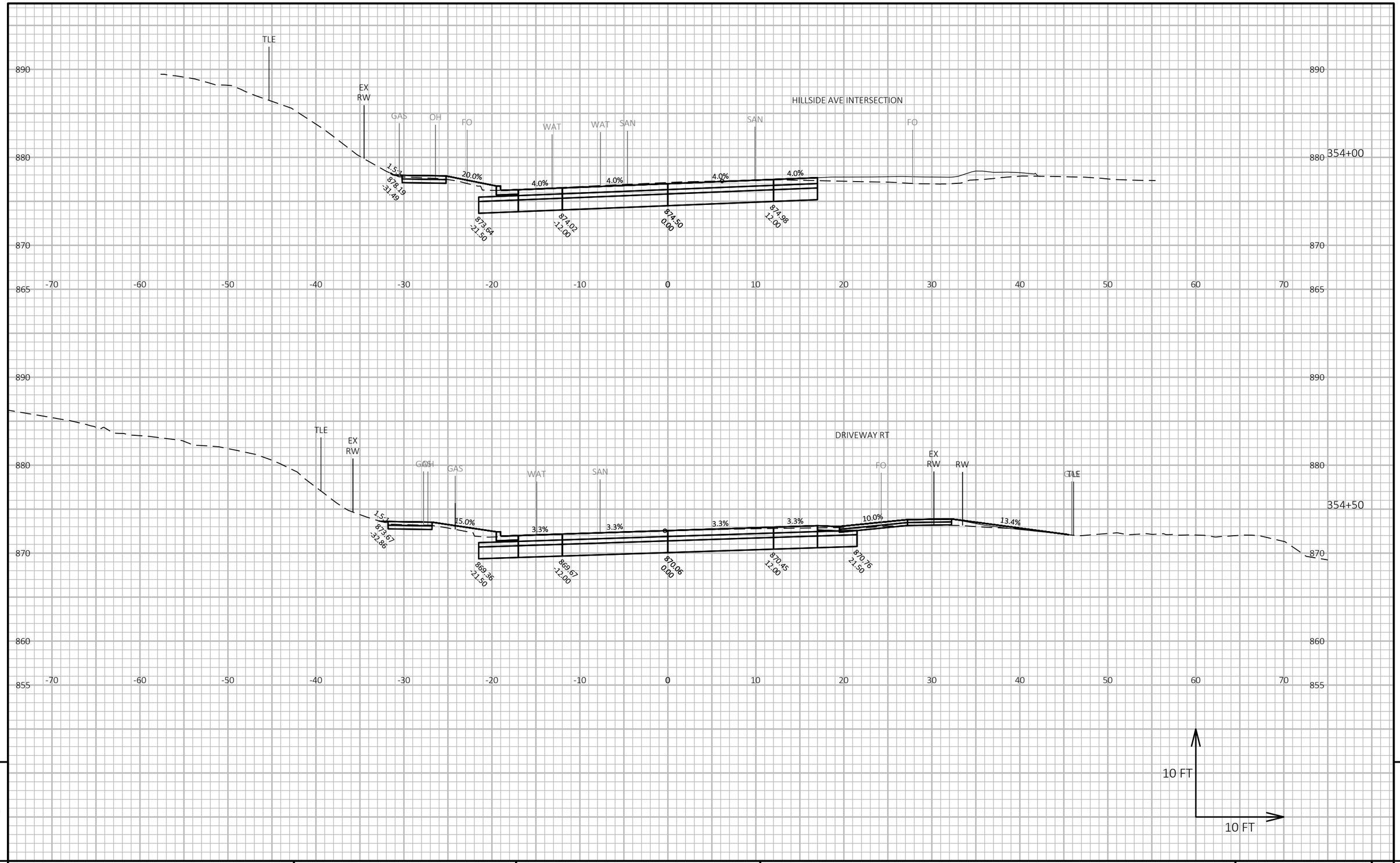


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 483	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 56

PLOT DATE : 7/26/2024 11:28 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



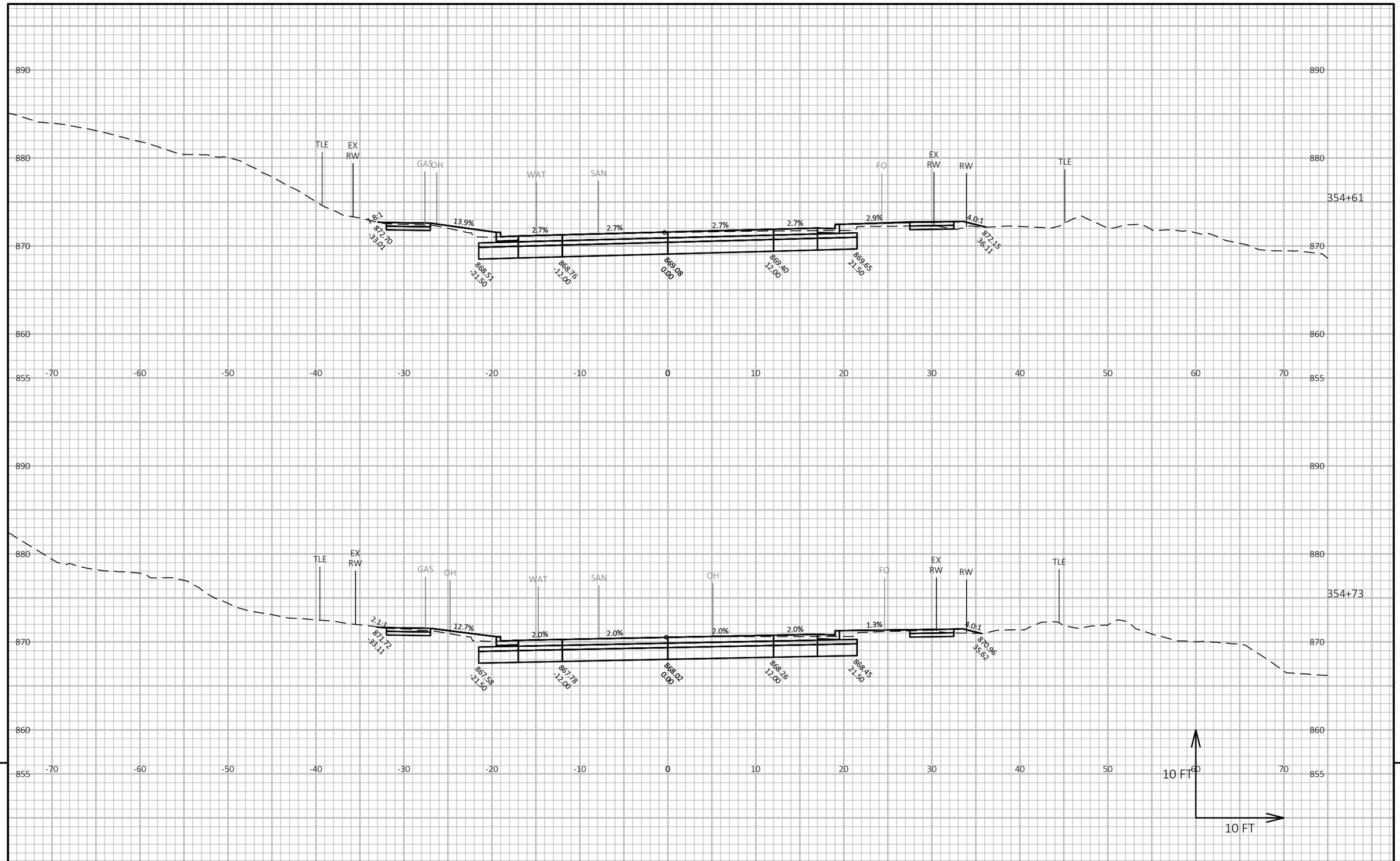
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 484	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 57

PLOT DATE : 7/26/2024 11:28 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



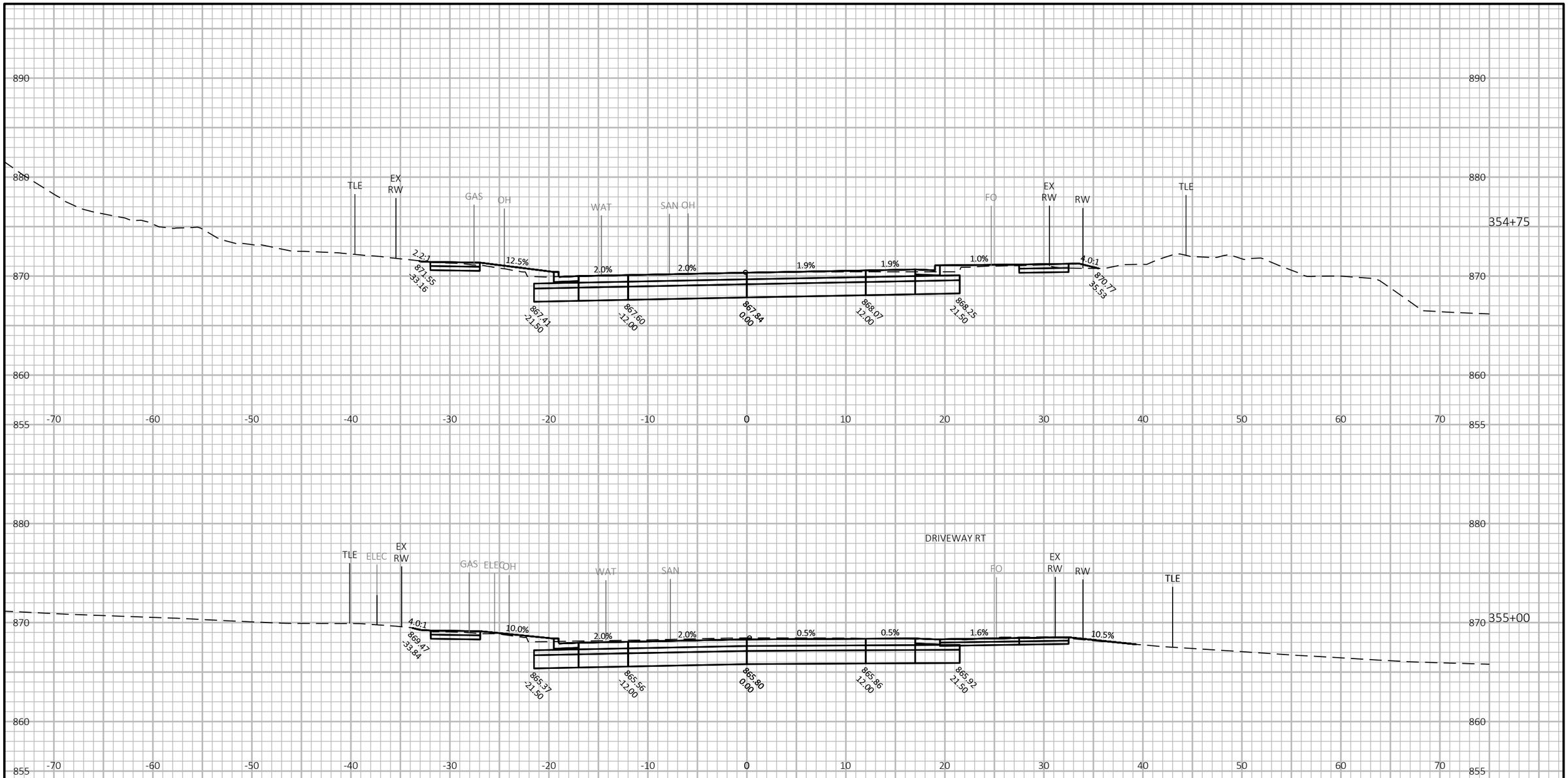
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 485	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 58

PLOT DATE : 7/26/2024 11:29 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 486	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 59

PLOT DATE : 7/26/2024 11:29 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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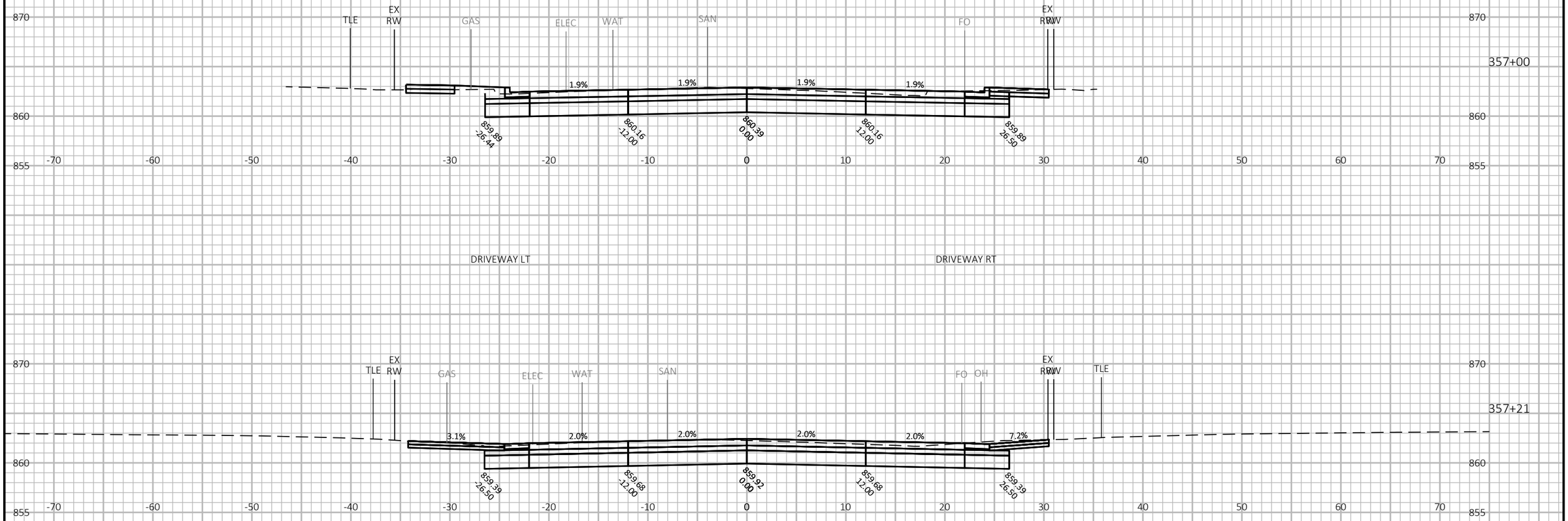
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 487	E

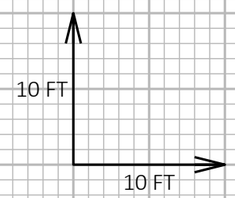
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 60

PLOT DATE : 7/26/2024 11:29 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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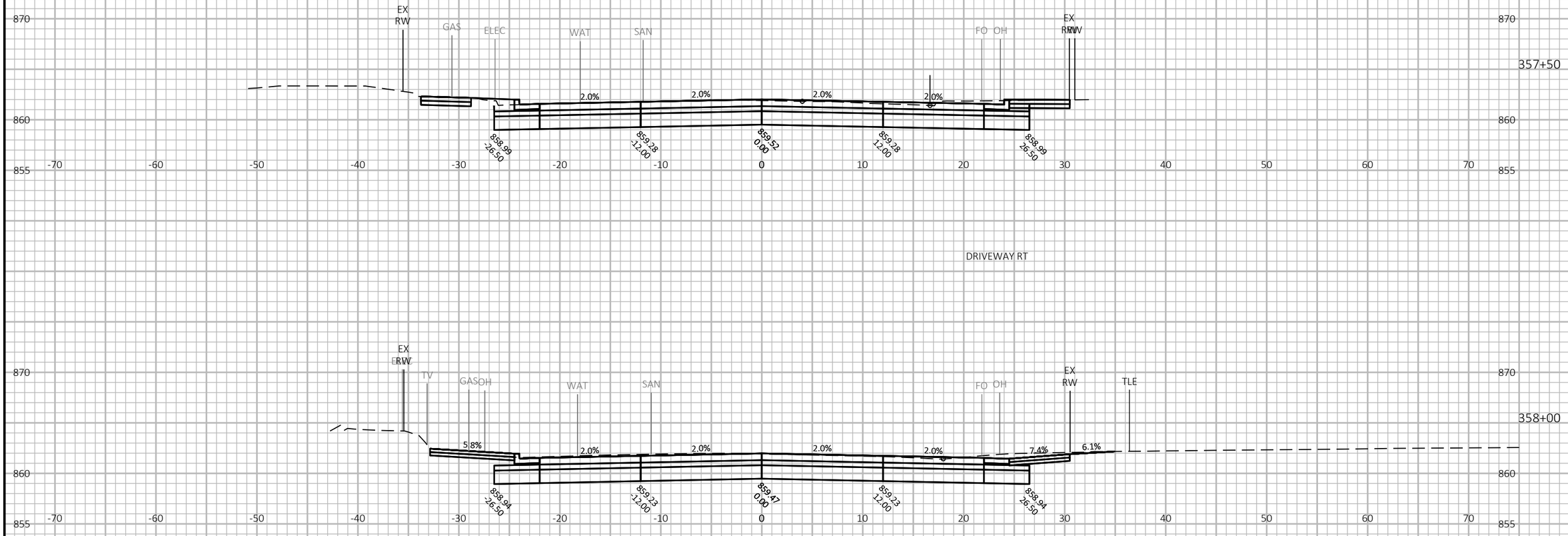
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 488	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 61

PLOT DATE : 7/26/2024 11:30 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



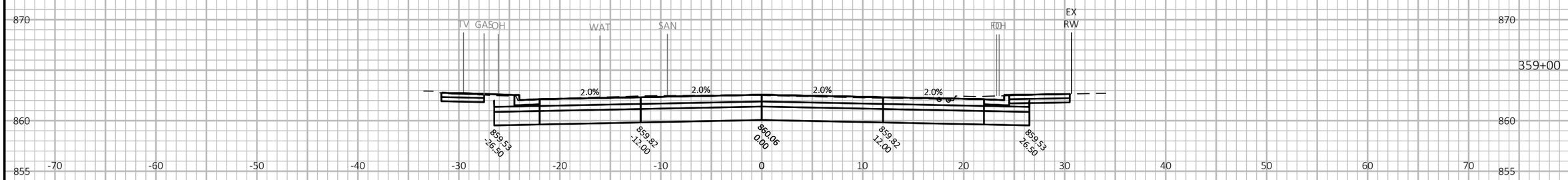
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 489	E

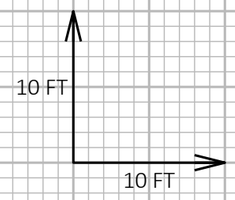
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 62

PLOT DATE : 7/26/2024 11:30 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

DRIVEWAY RT





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PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 490	E

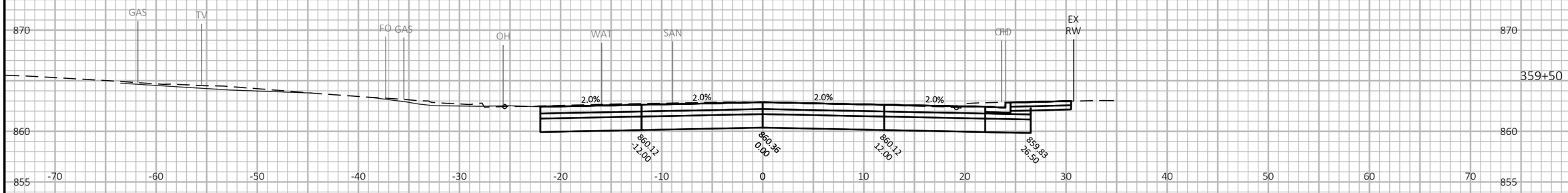
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 63

PLOT DATE : 7/26/2024 11:30 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

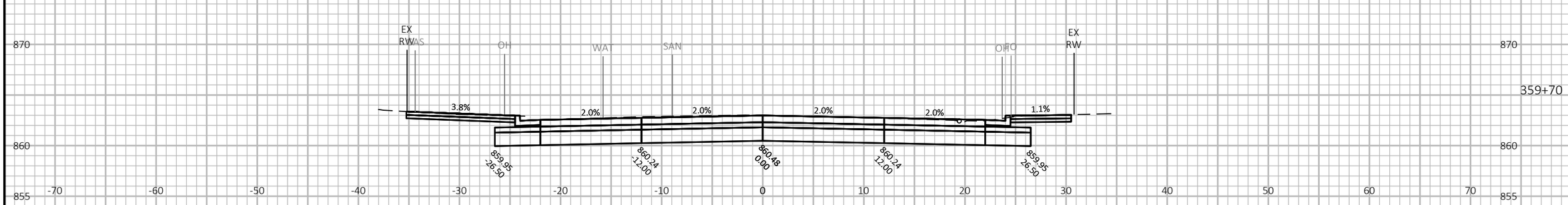
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

S 7TH ST INTERSECTION

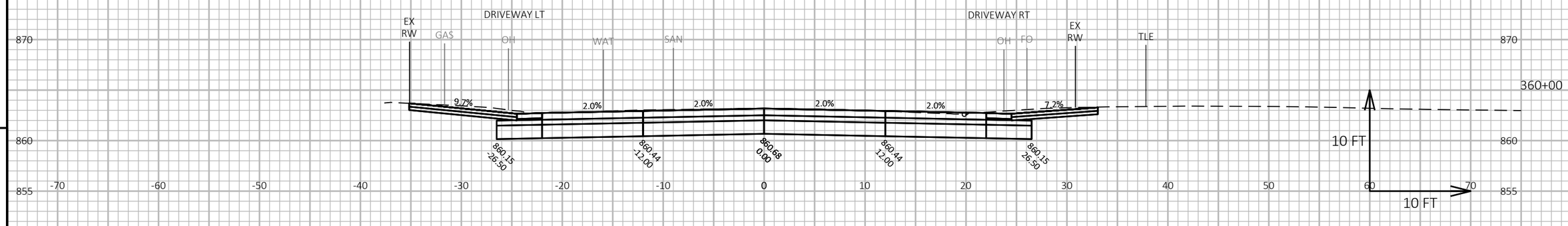


DRIVEWAY RT



DRIVEWAY LT

DRIVEWAY RT



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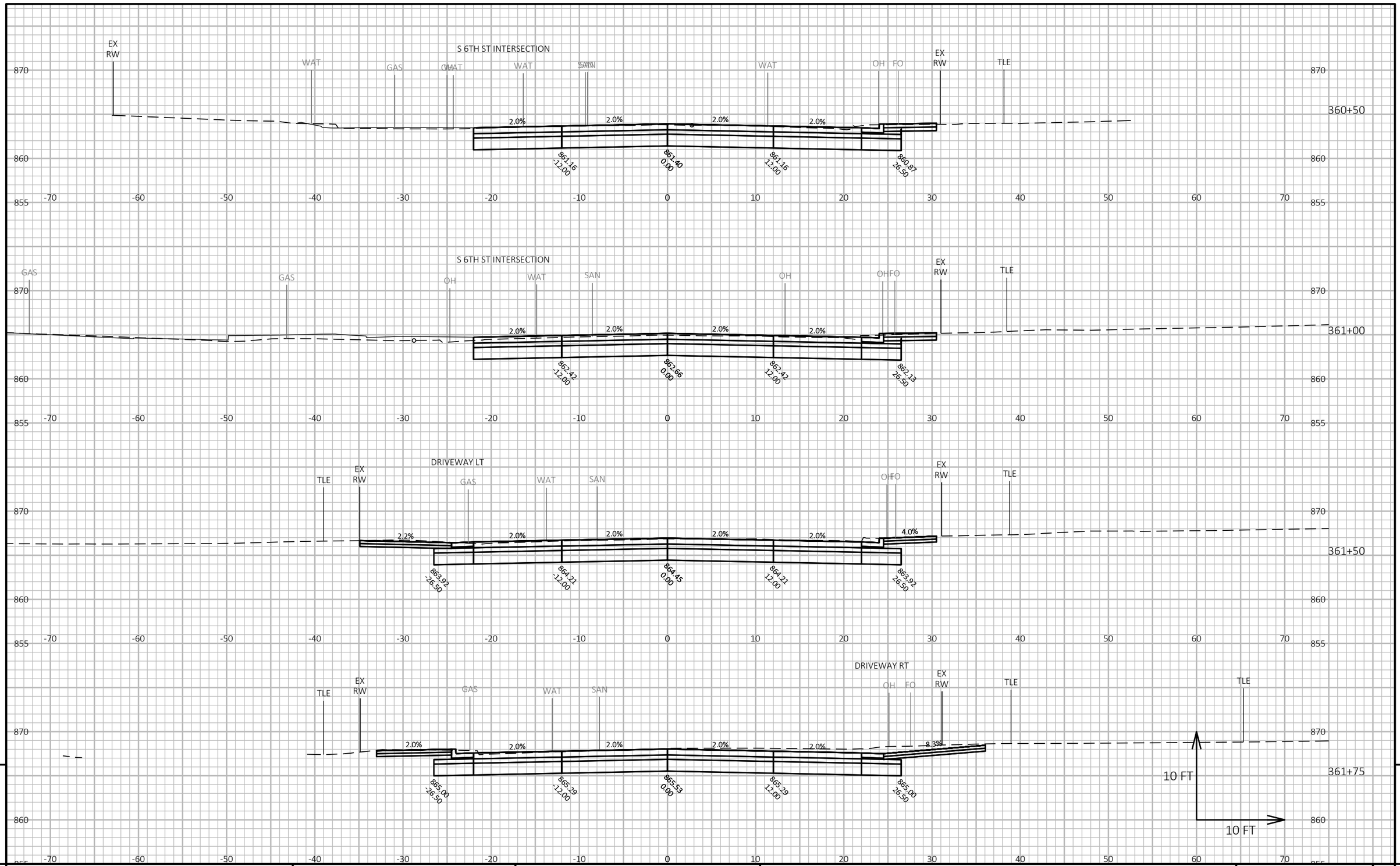
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 491	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 64

PLOT DATE : 7/26/2024 11:30 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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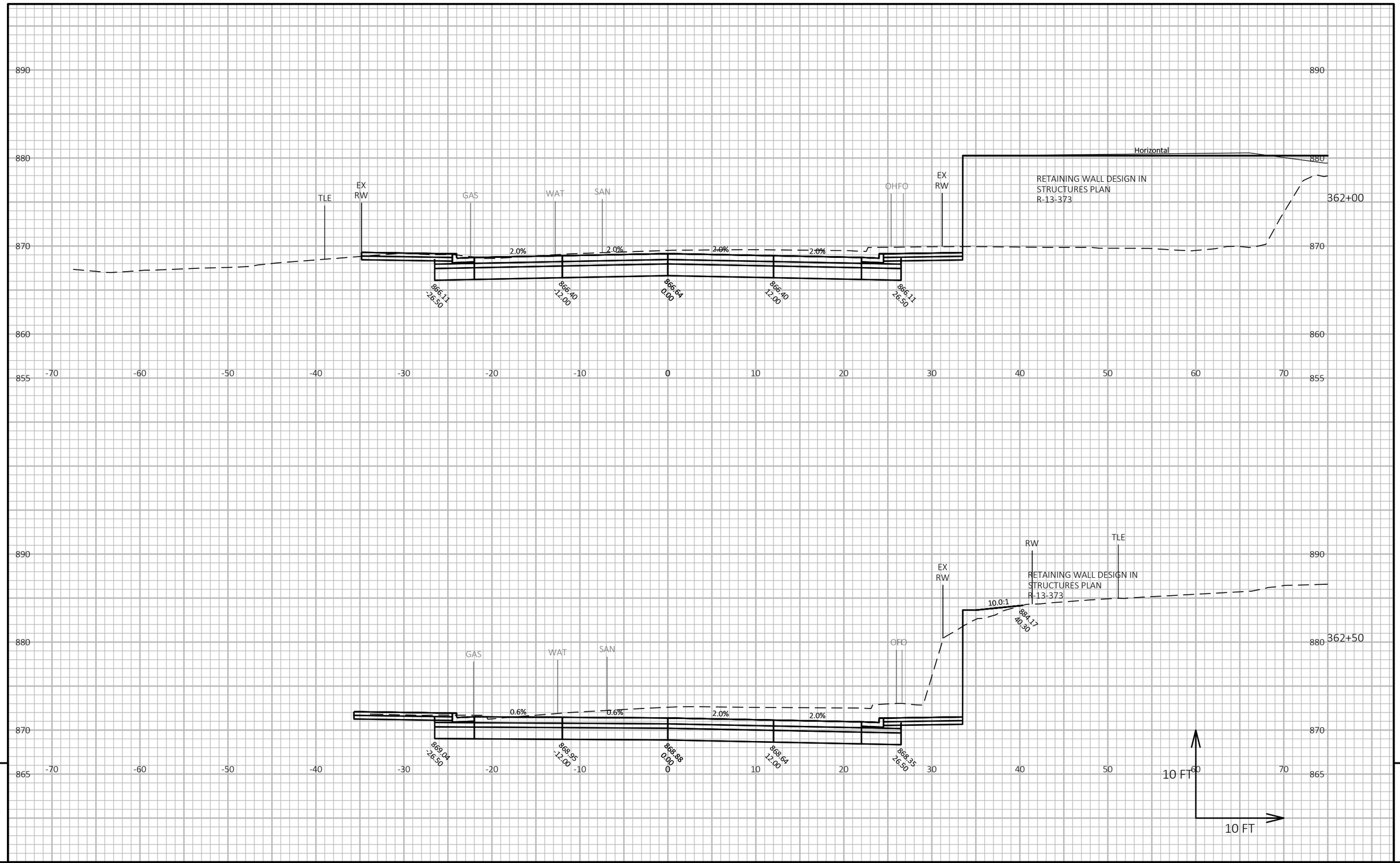
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 492	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 65

PLOT DATE : 7/26/2024 11:31 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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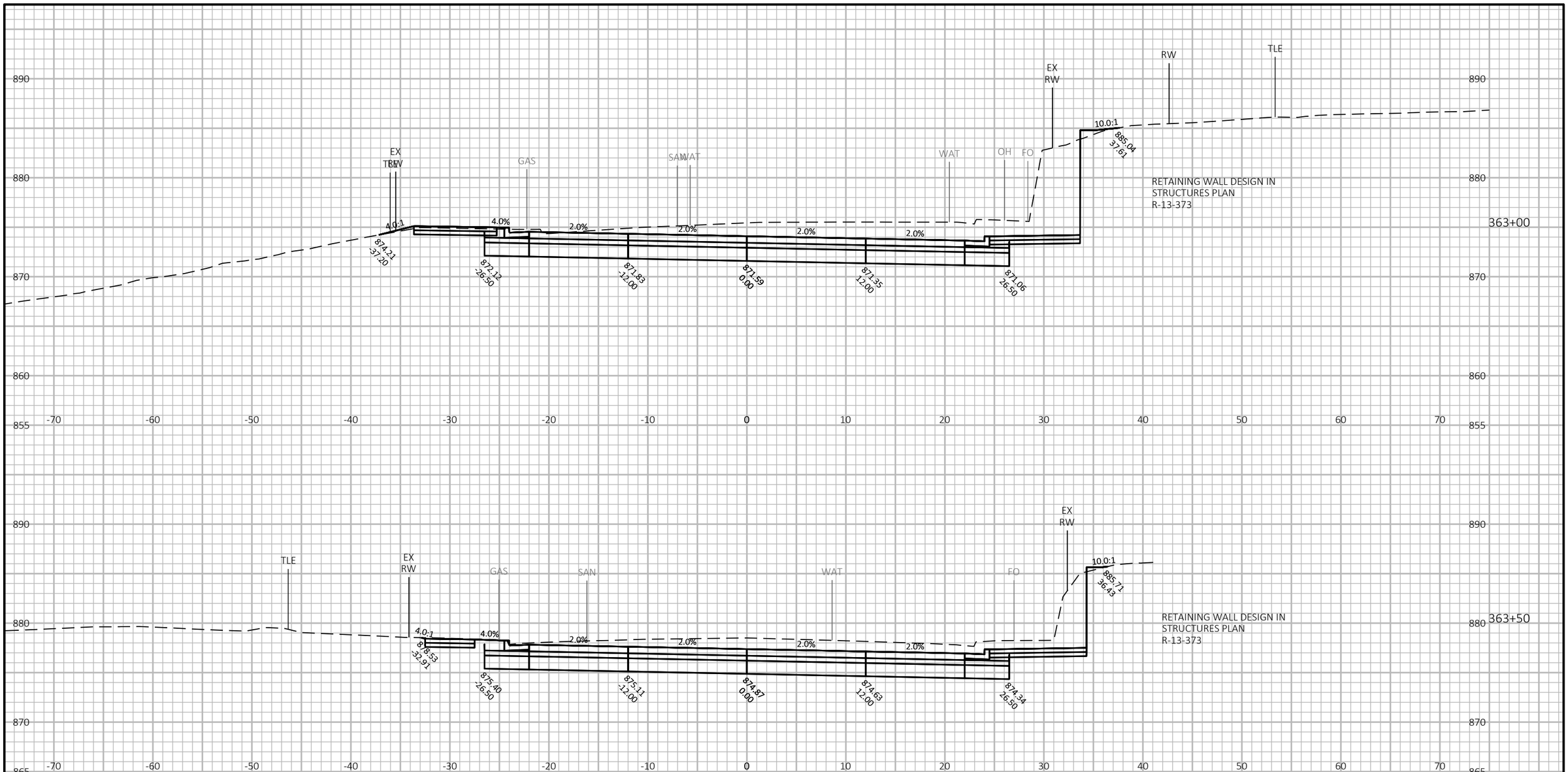
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 493	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 66

PLOT DATE : 7/26/2024 11:31 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 494	E

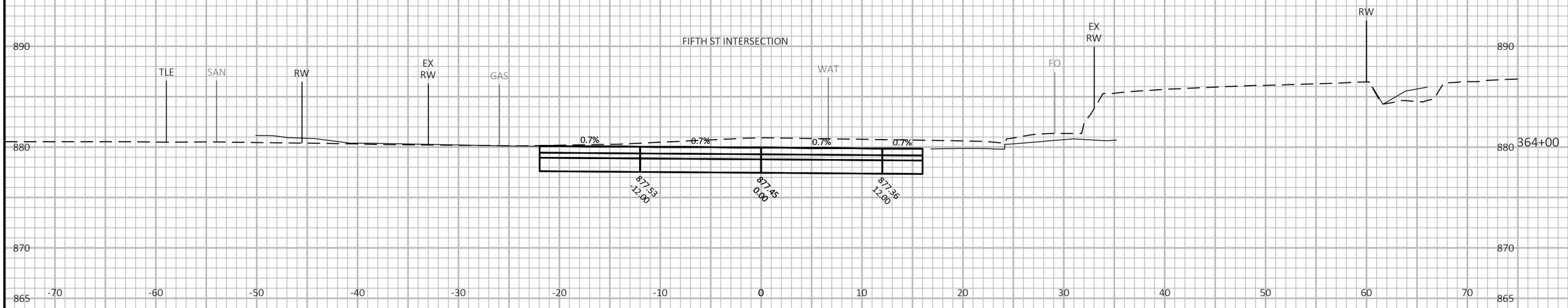
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 67

PLOT DATE : 7/26/2024 11:31 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

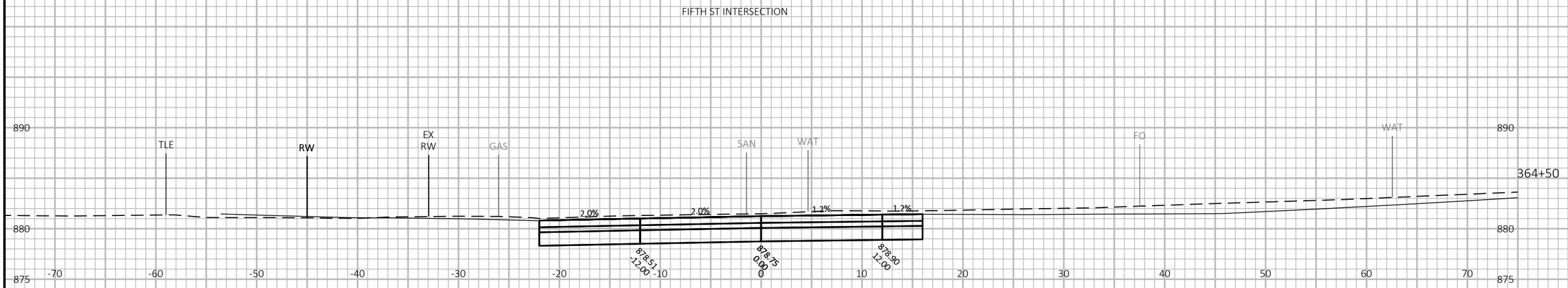
PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

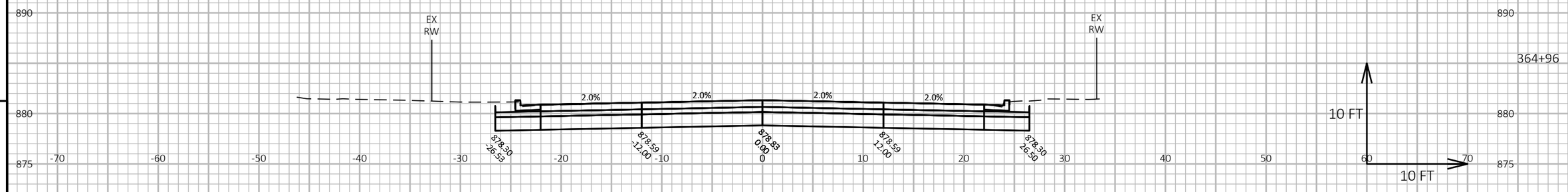
WISDOT/CADDS SHEET 49

FIFTH ST INTERSECTION



FIFTH ST INTERSECTION





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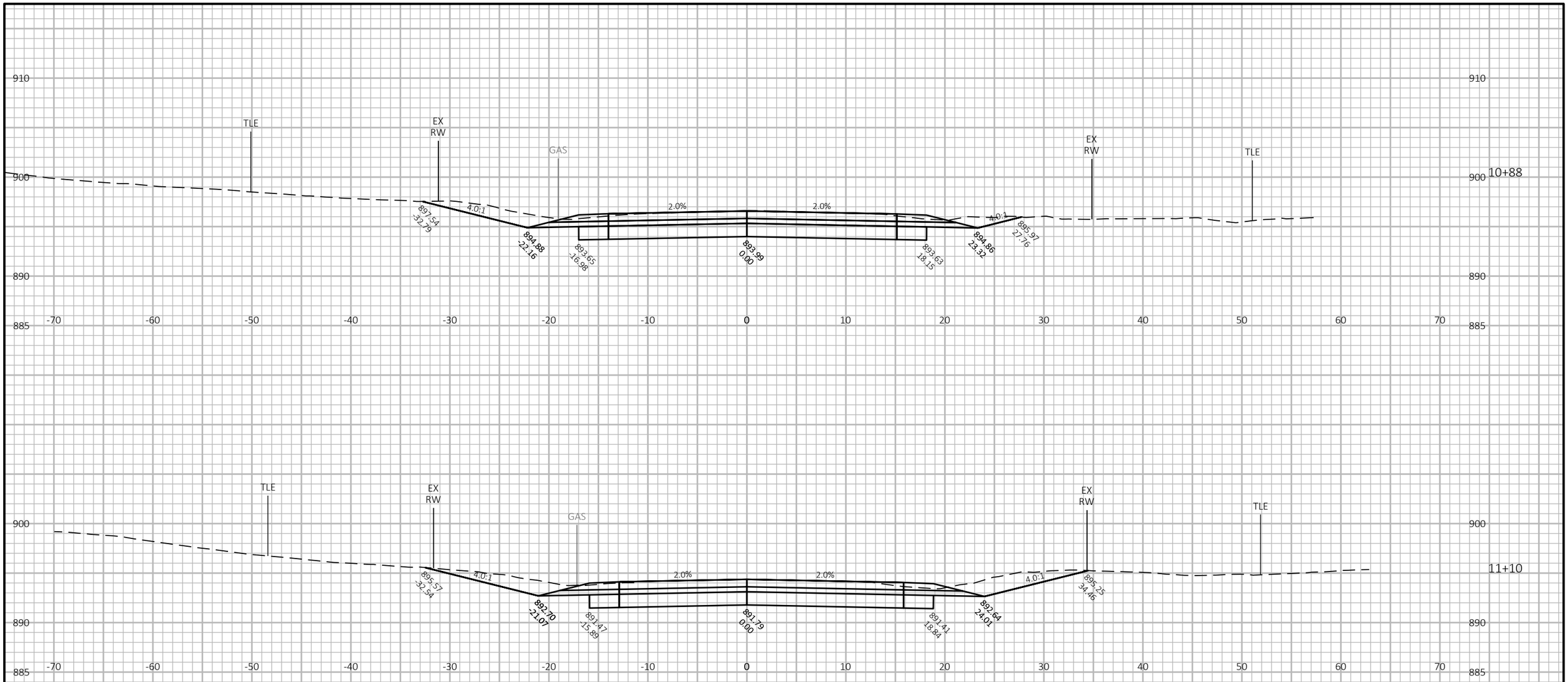
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: NB US 51	SHEET 495	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 68

PLOT DATE : 7/26/2024 11:31 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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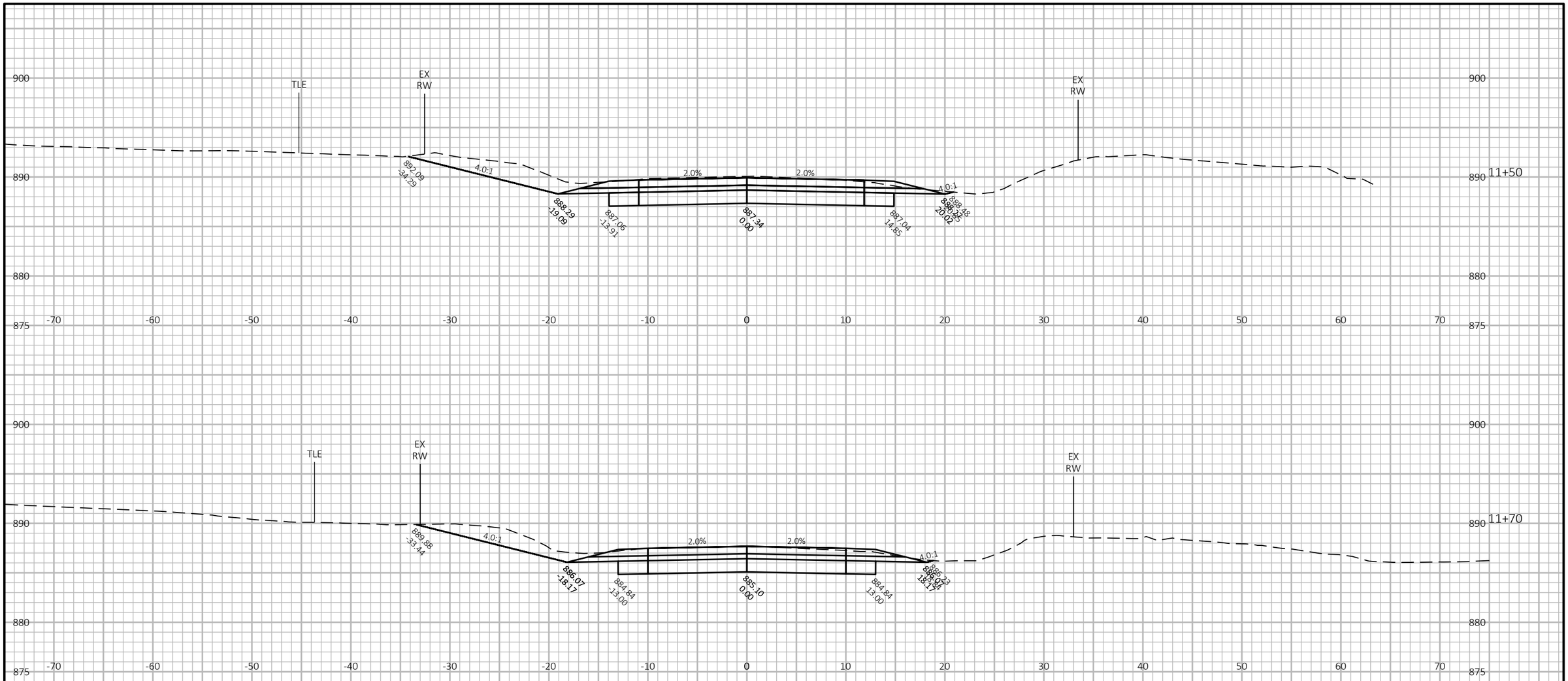
9

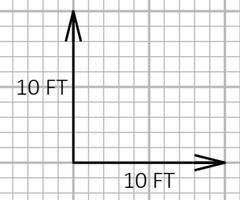
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: SPRING RD	SHEET 496	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 69

PLOT DATE : 7/26/2024 11:32 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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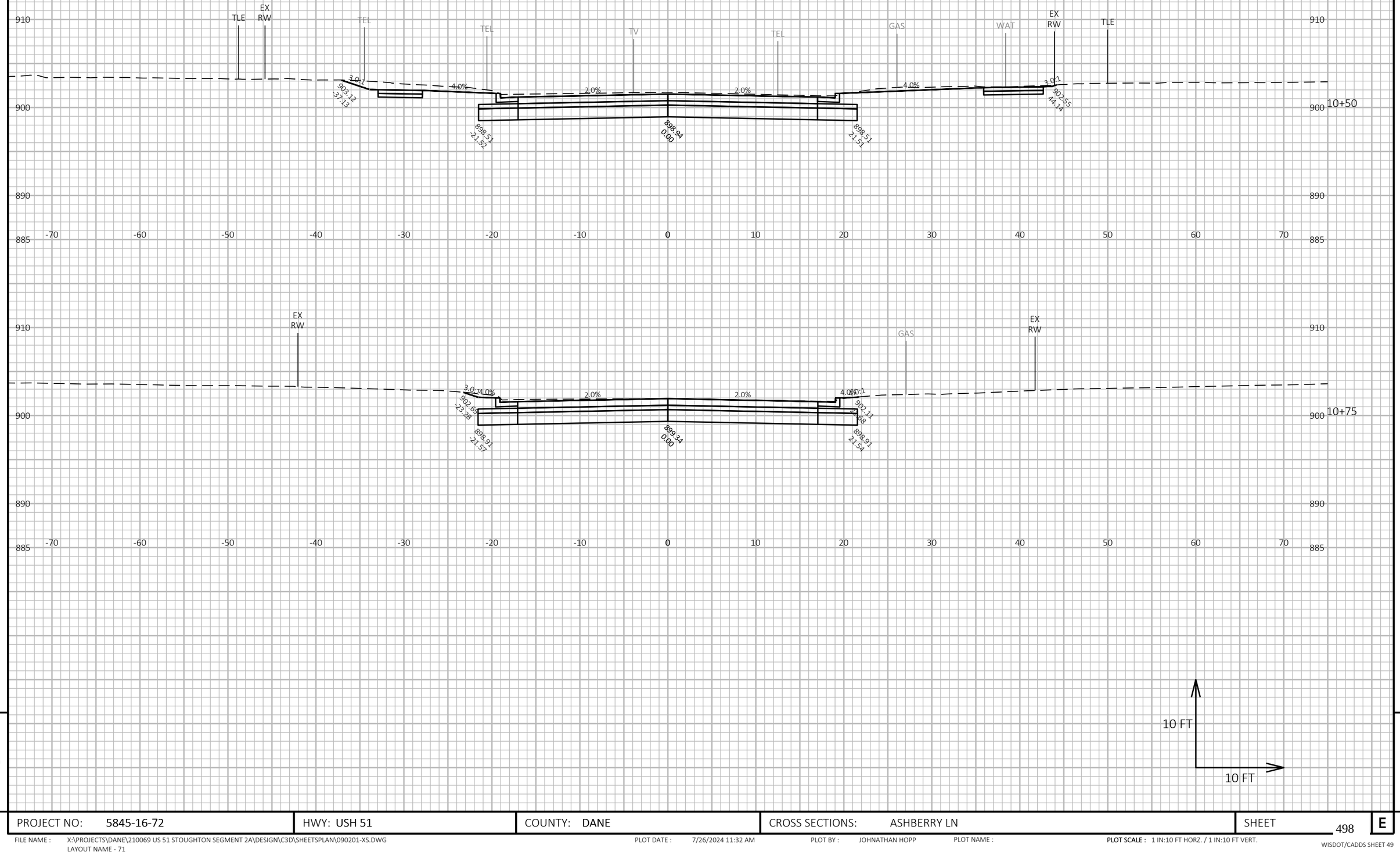
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: SPRING RD	SHEET 497	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 70

PLOT DATE : 7/26/2024 11:32 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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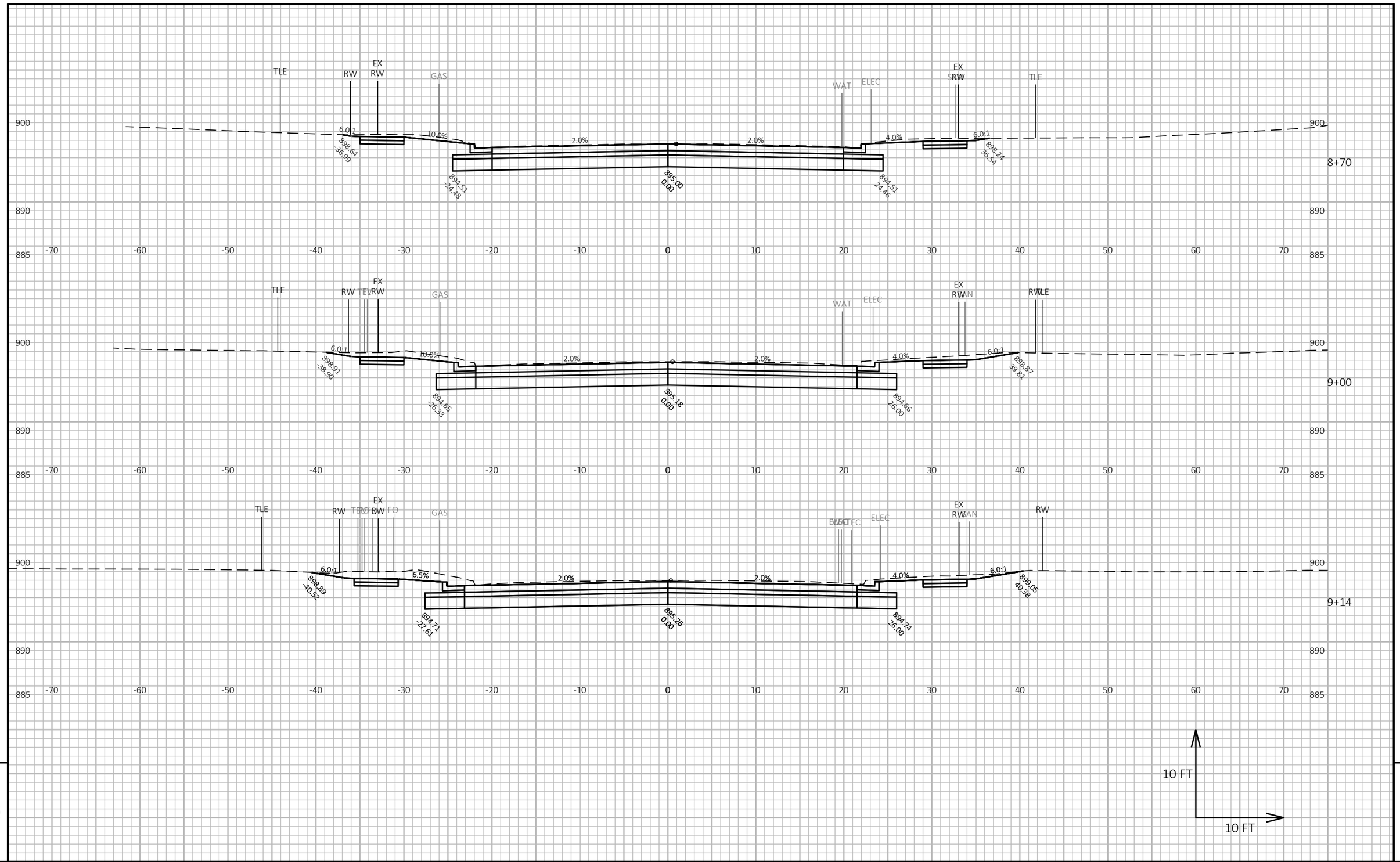
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: ASHBERRY LN	SHEET 498	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 71

PLOT DATE : 7/26/2024 11:32 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

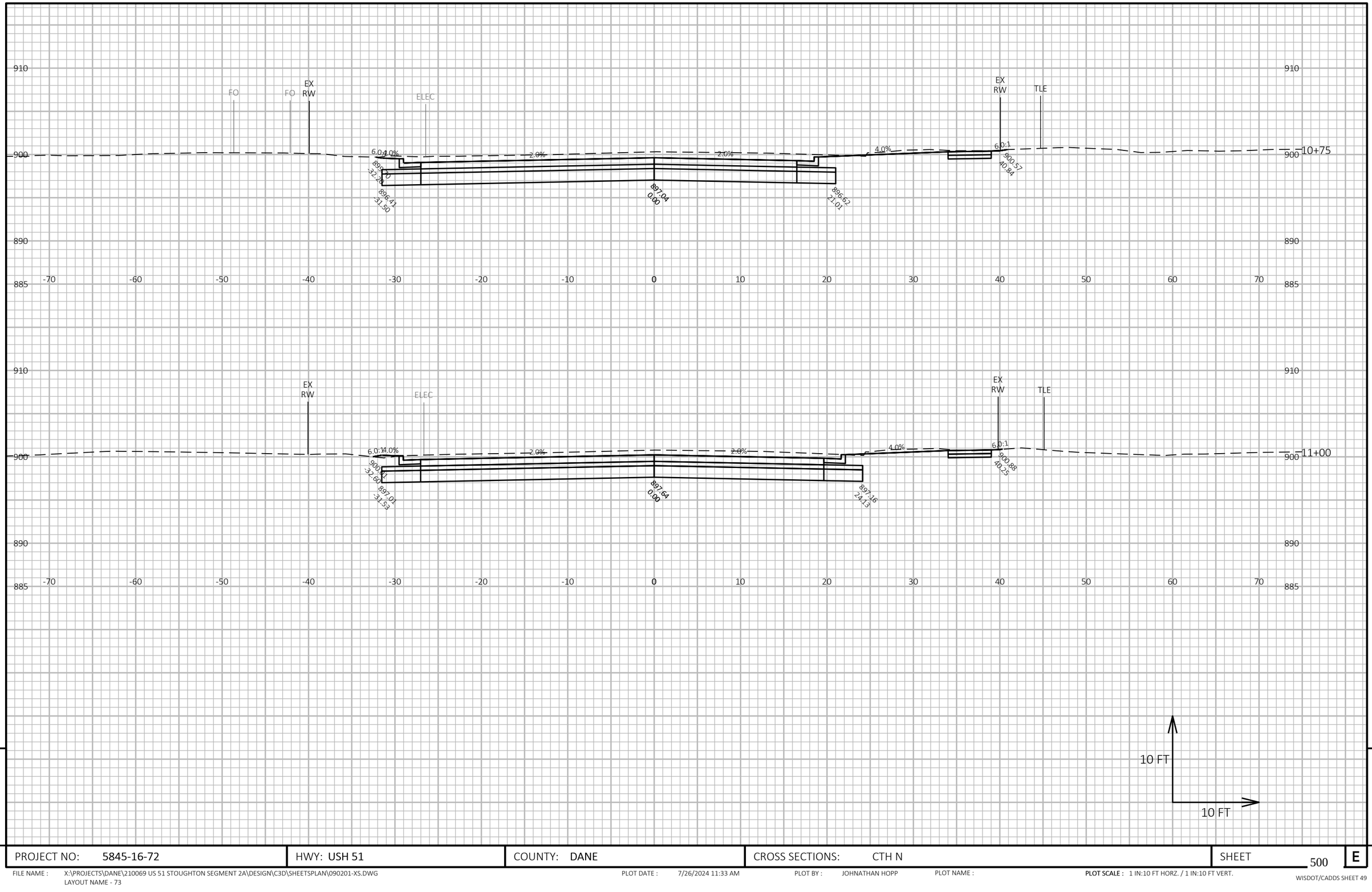


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: CTH A	SHEET 499	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 72

PLOT DATE : 7/26/2024 11:33 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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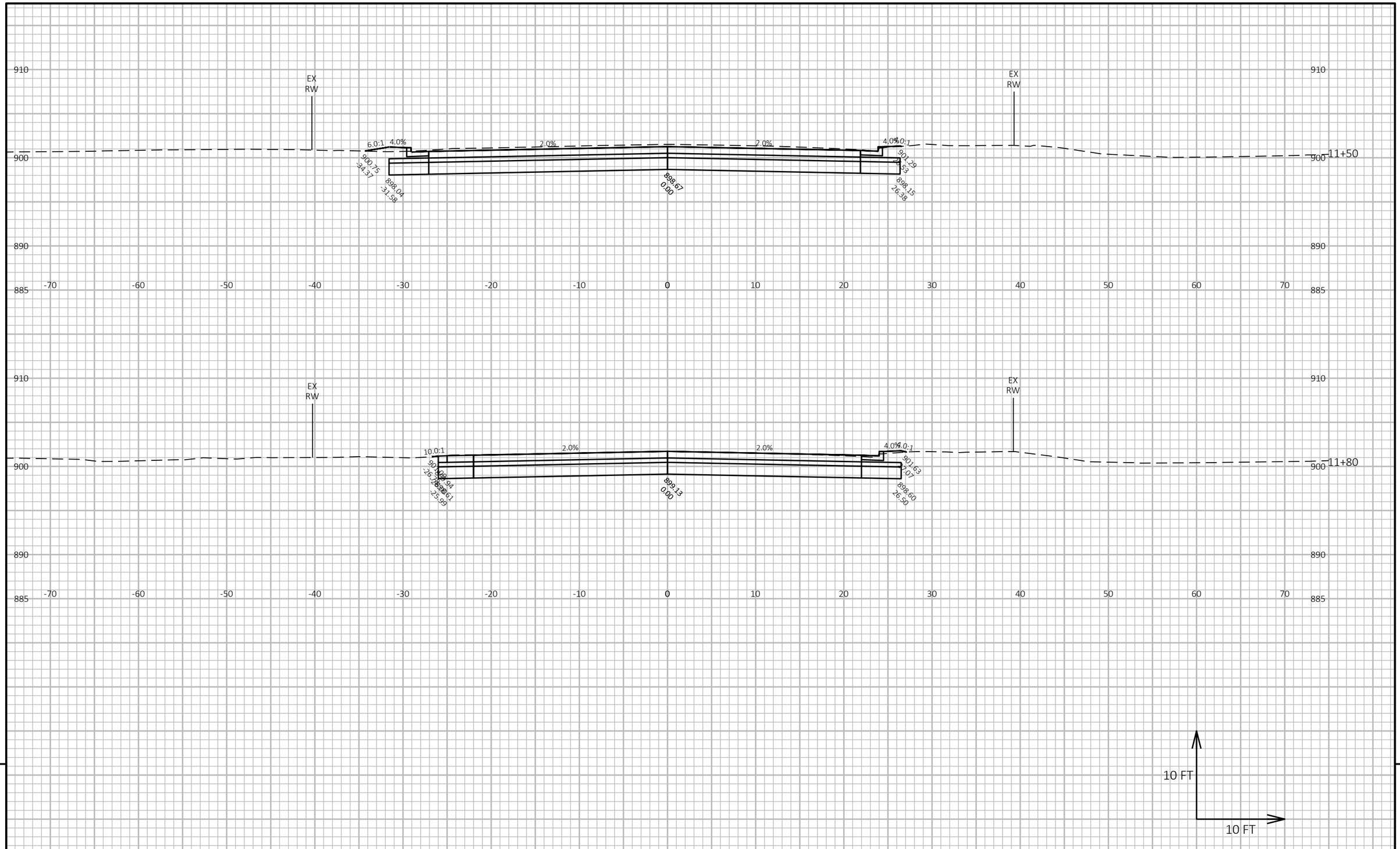
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: CTH N	SHEET 500	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 73

PLOT DATE : 7/26/2024 11:33 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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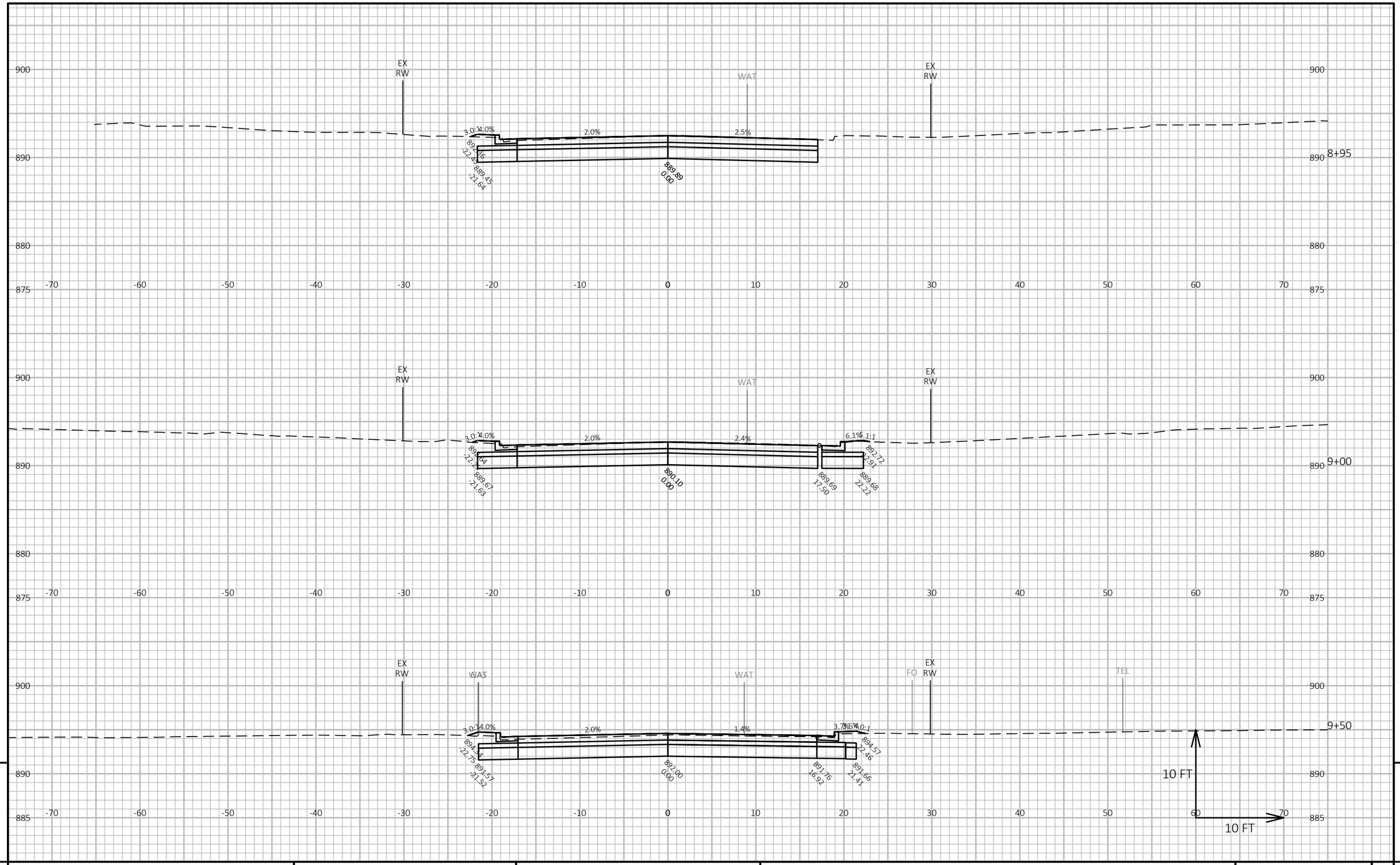
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: CTH N	SHEET 501	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 74

PLOT DATE : 7/26/2024 11:33 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

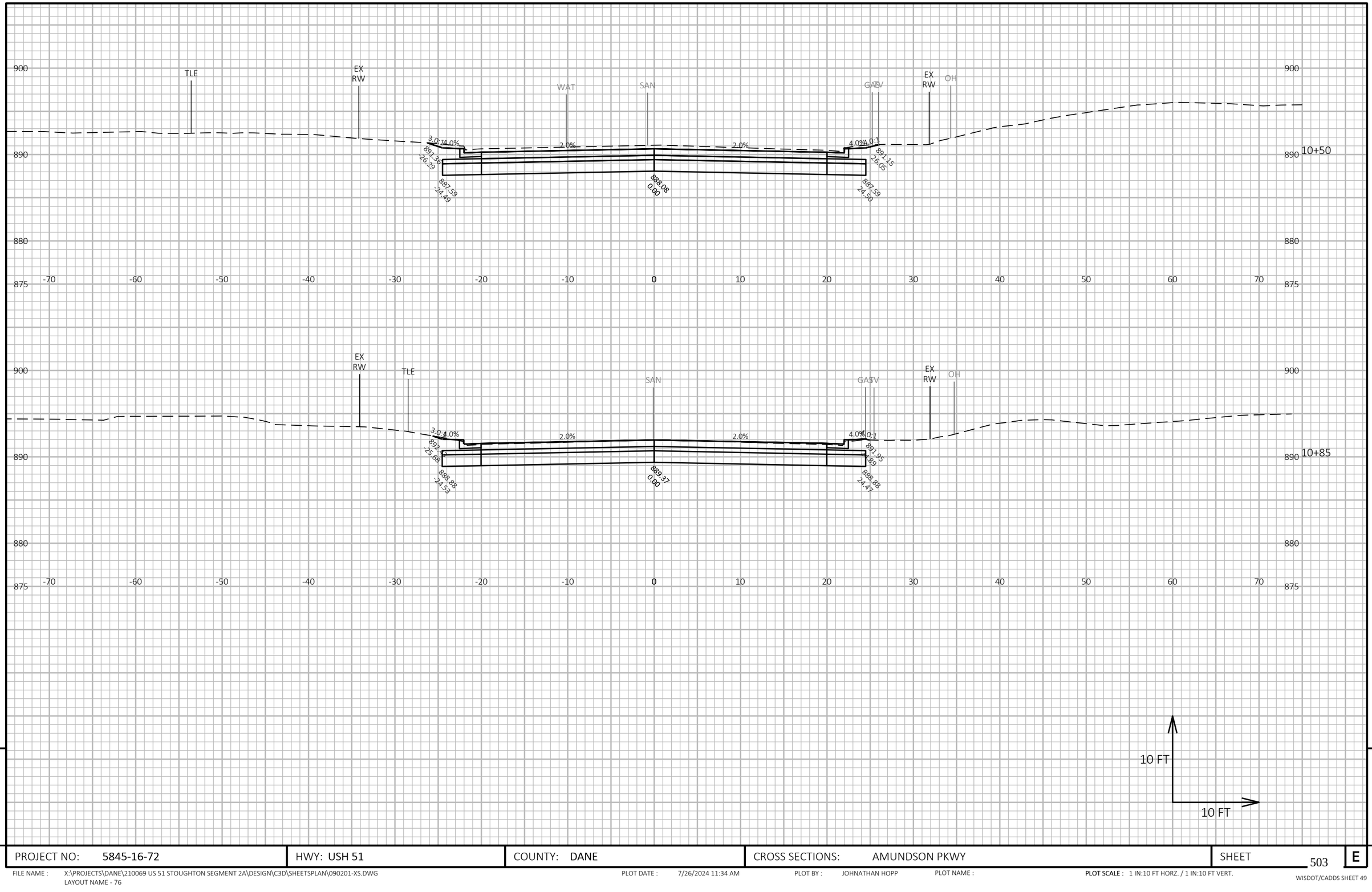


PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: CHALET DR	SHEET 502	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 75

PLOT DATE : 7/26/2024 11:34 AM PLOT BY : JOHNATHAN HOPP PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

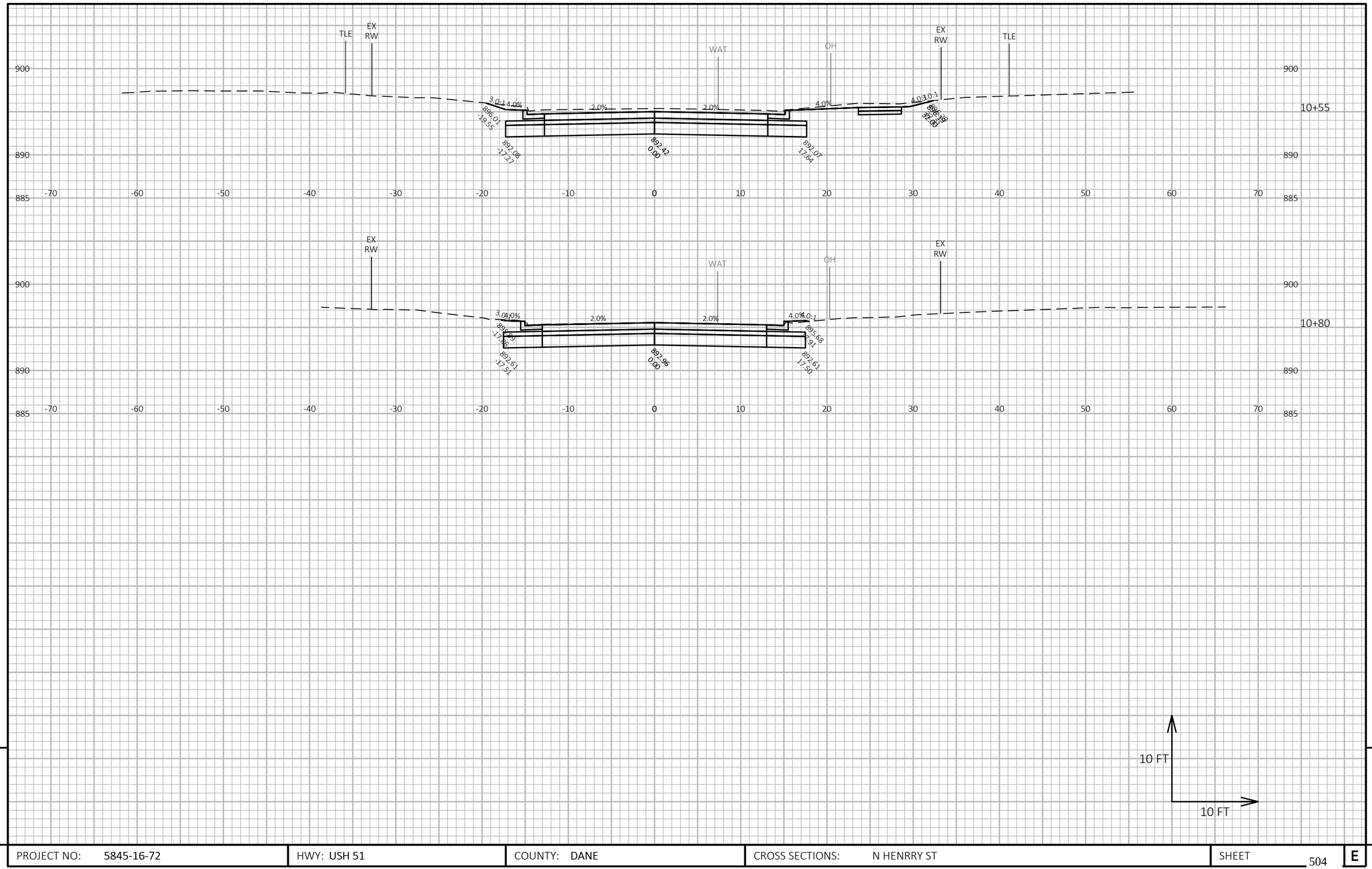
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: AMUNDSON PKWY	SHEET 503	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 76

PLOT DATE : 7/26/2024 11:34 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

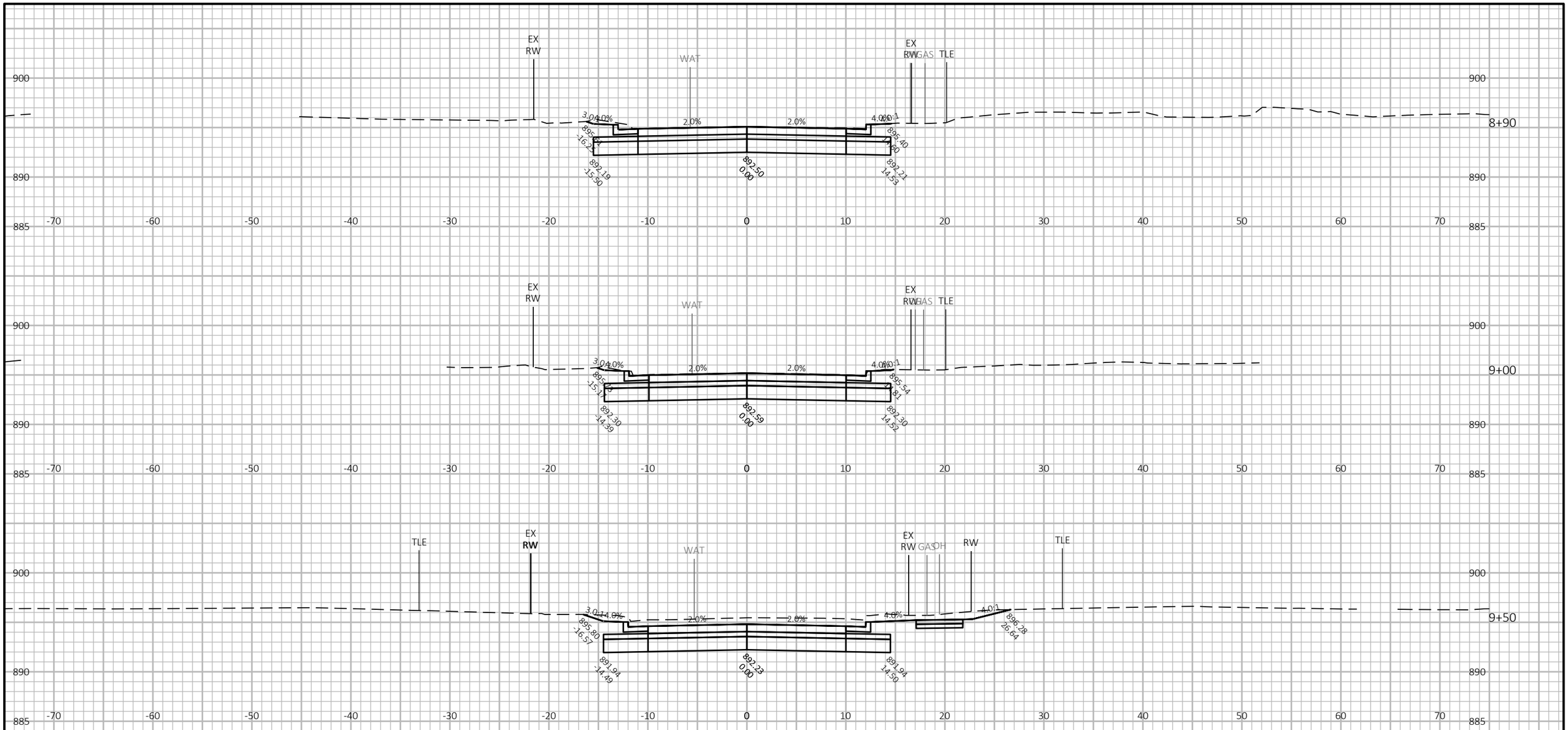
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: N HENRRY ST	SHEET 504	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 77

PLOT DATE : 7/26/2024 11:34 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



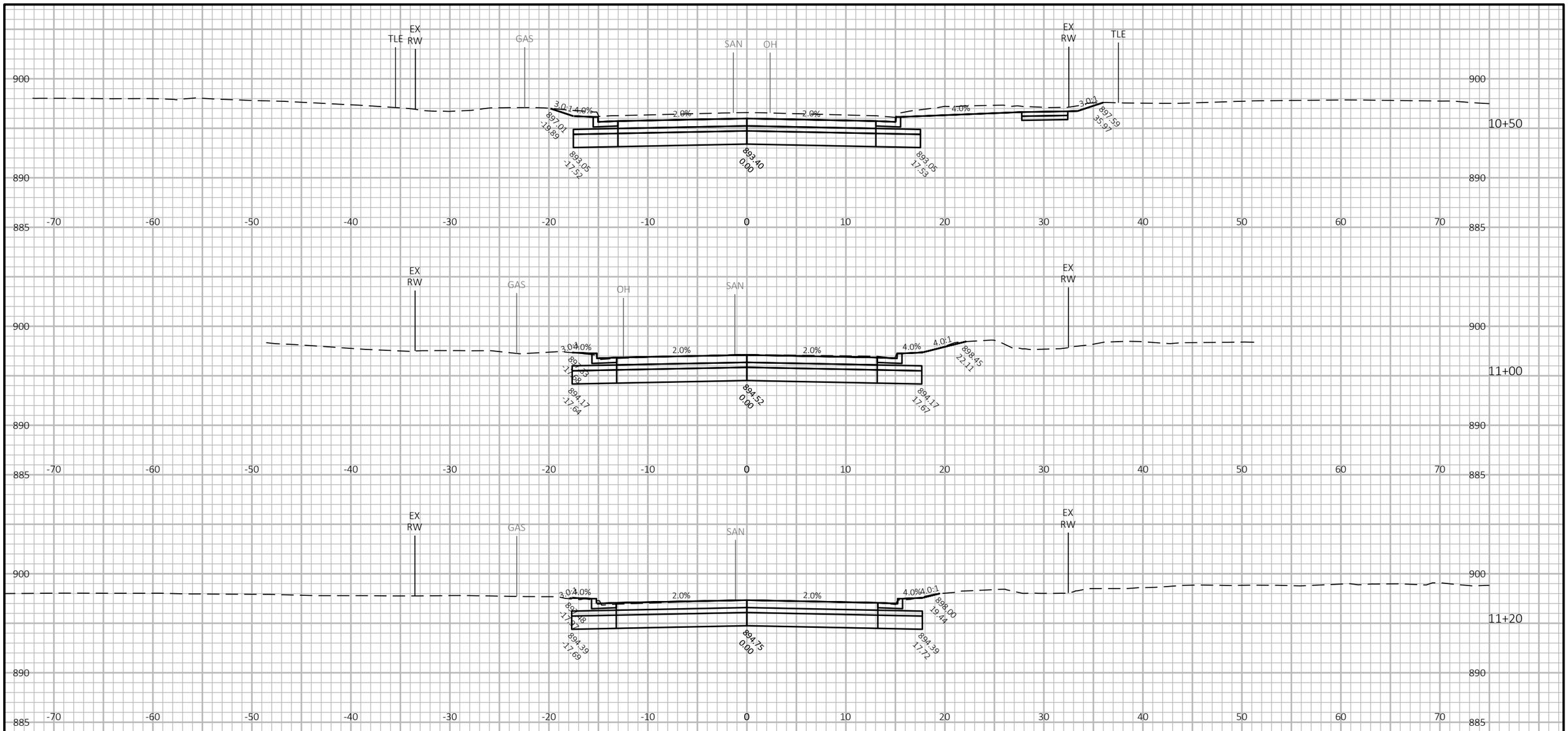
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: S HENRRY ST	SHEET 505	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 78

PLOT DATE : 7/26/2024 11:35 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

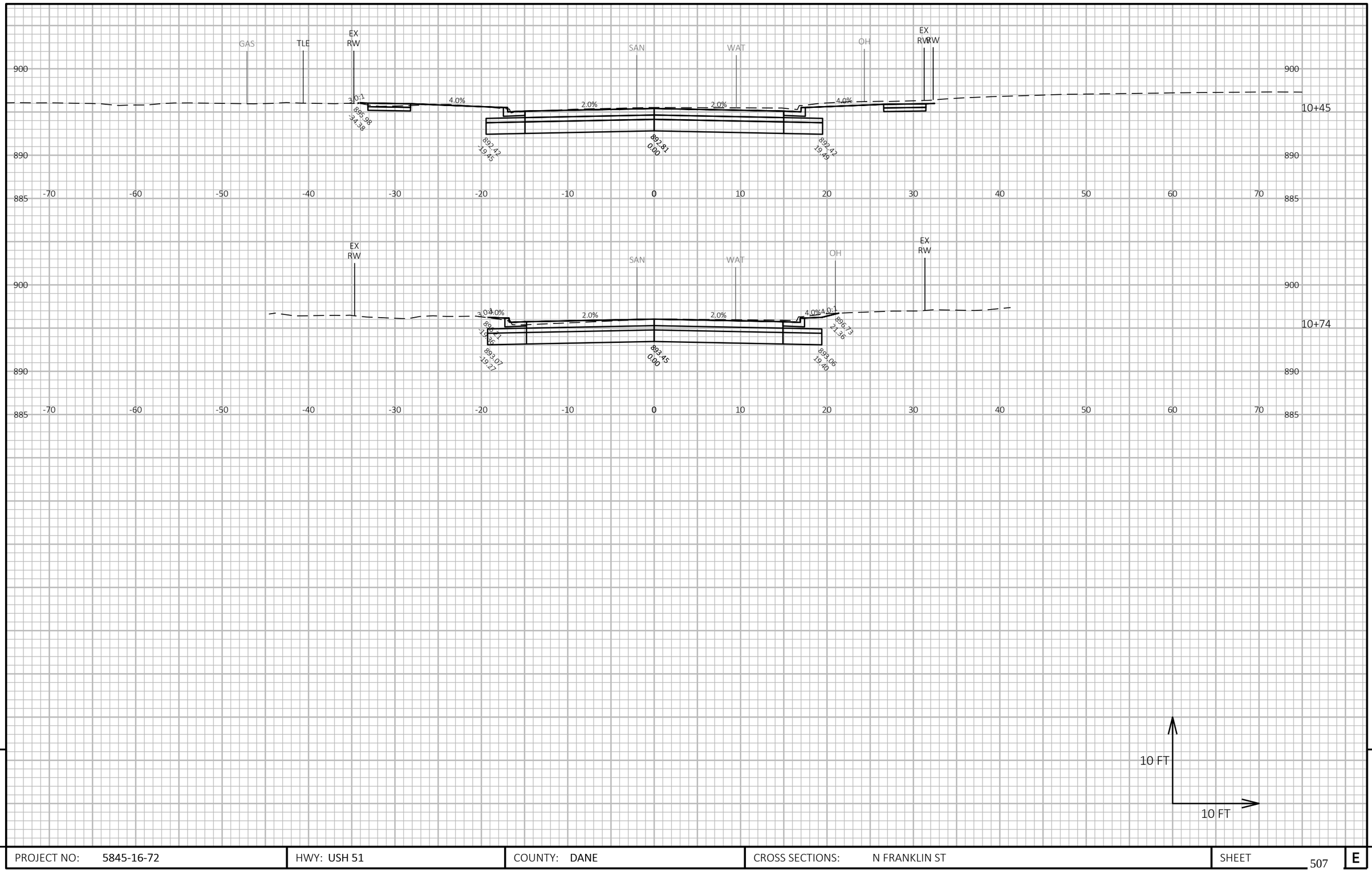
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: N MORRIS ST	SHEET 506	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 79

PLOT DATE : 7/26/2024 11:35 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



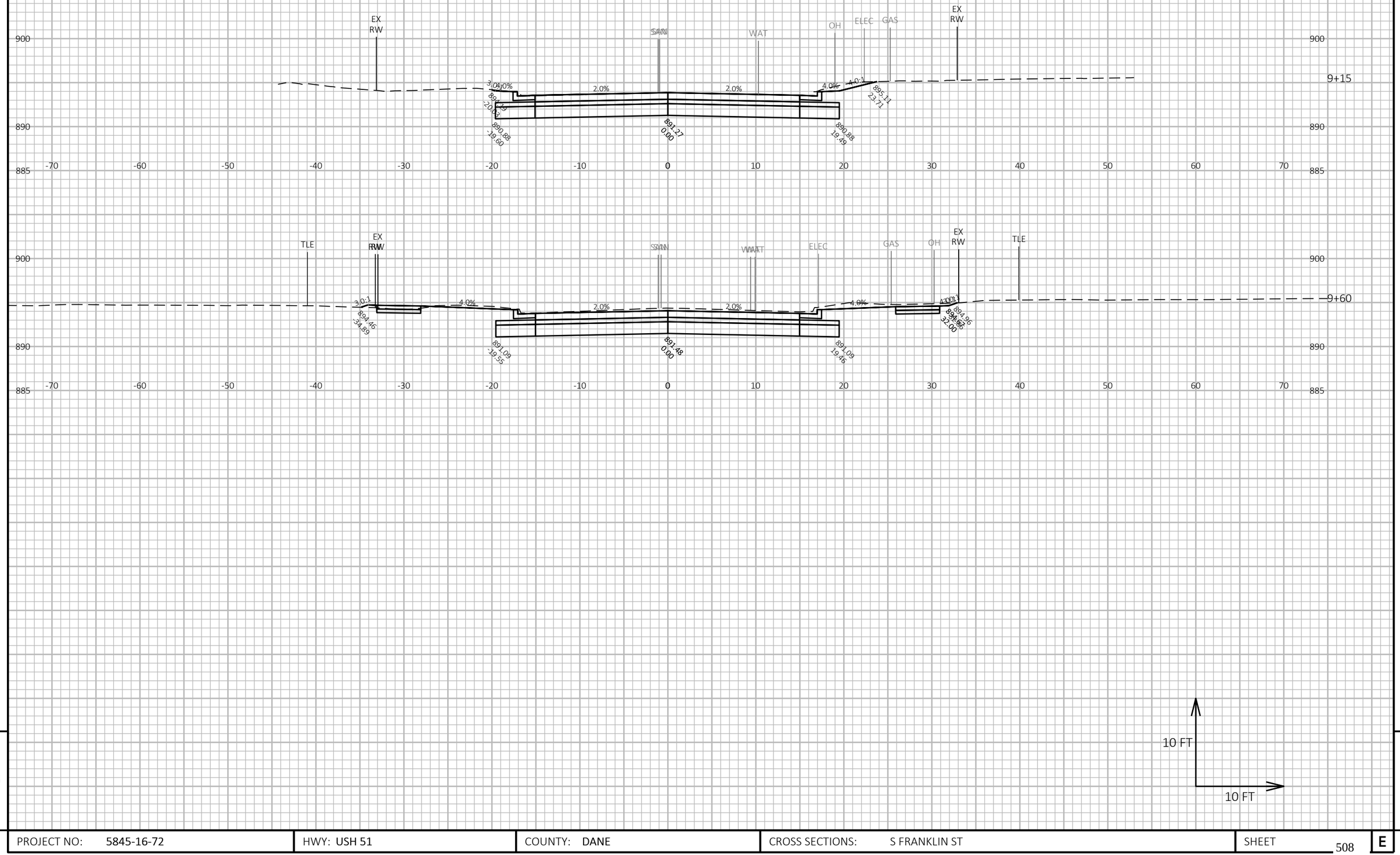
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: N FRANKLIN ST	SHEET 507	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 80

PLOT DATE : 7/26/2024 11:35 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

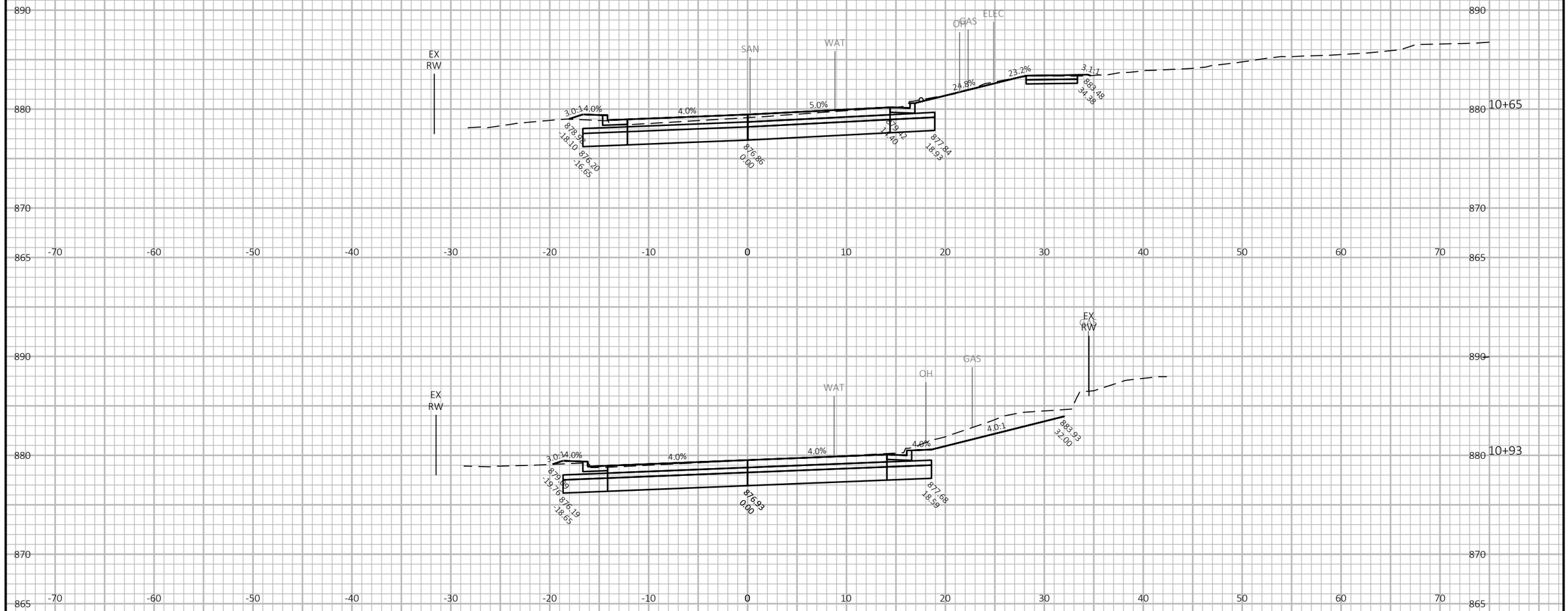
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: S FRANKLIN ST	SHEET 508	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 81

PLOT DATE : 7/26/2024 11:35 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

9

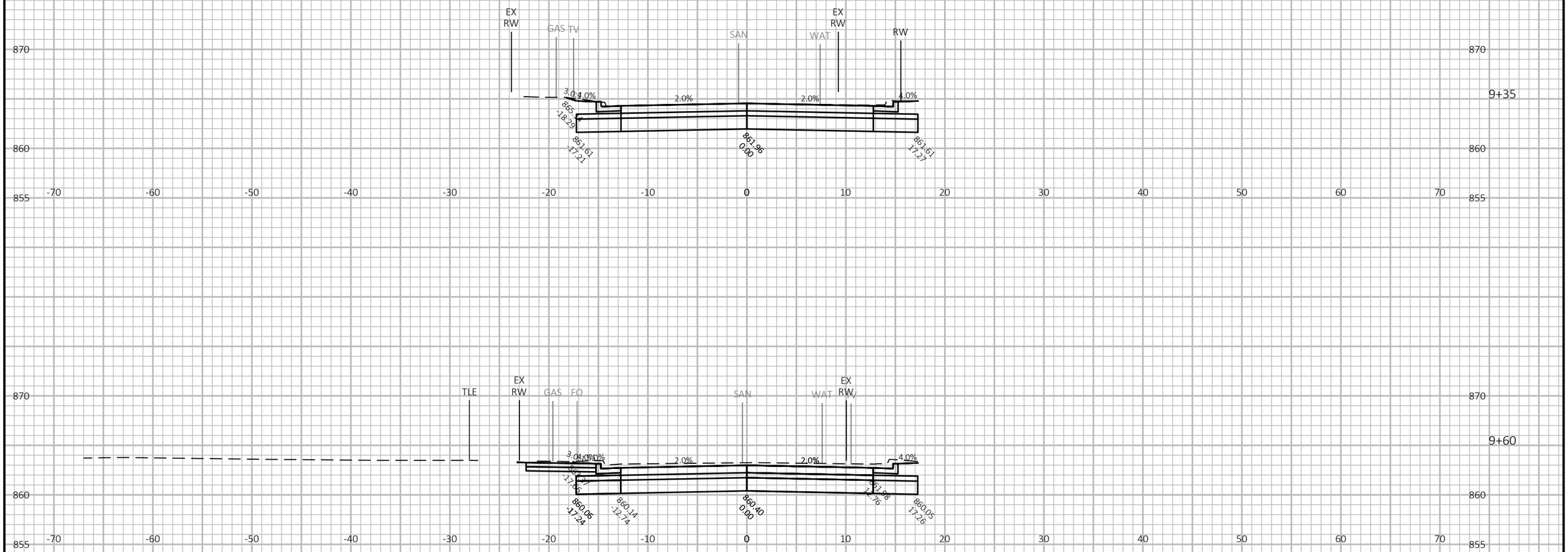
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: HILLSIDE AVE	SHEET 509	E

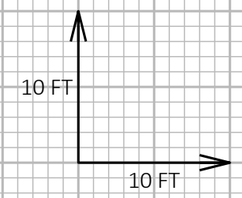
FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 82

PLOT DATE : 7/26/2024 11:36 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





9

9

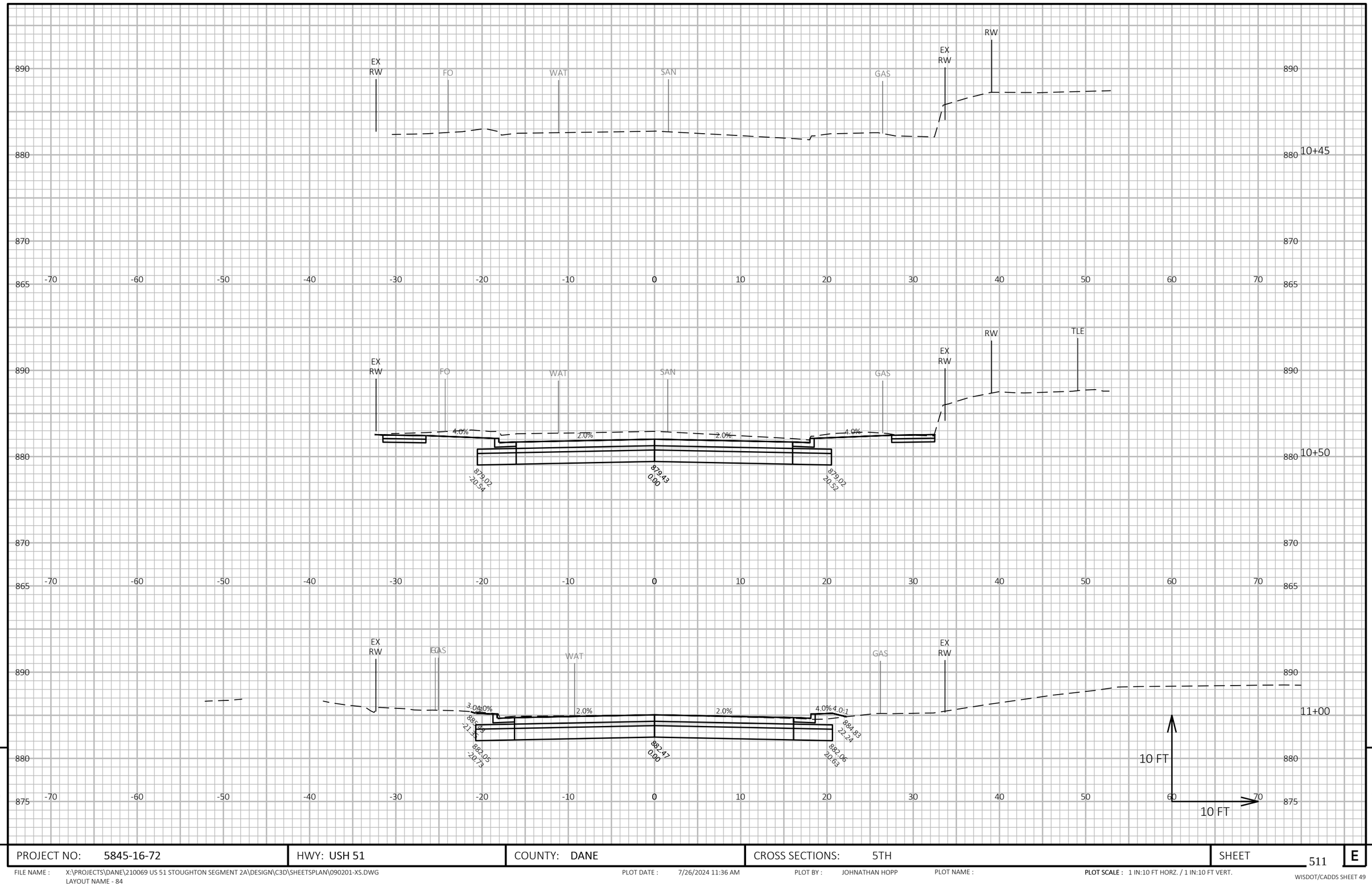
PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: 7TH	SHEET 510	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 83

PLOT DATE : 7/26/2024 11:36 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5845-16-72	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: 5TH	SHEET 511	E

FILE NAME : X:\PROJECTS\DANE\210069 US 51 STOUGHTON SEGMENT 2A\DESIGN\C3D\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - 84

PLOT DATE : 7/26/2024 11:36 AM PLOT BY : JOHNATHAN HOPP PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

MAD

NOVEMBER 2024

PROJECT ID: 5845-16-79

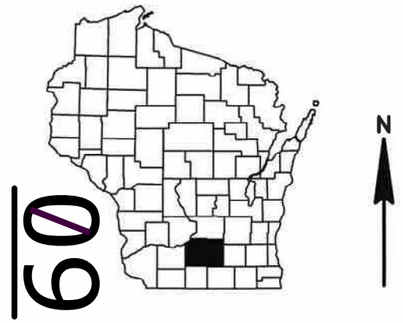
WITH: 5847-16-72

COUNTY: DANE

ORDER OF SHEETS

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

TOTAL SHEETS = 12



N

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STOUGHTON - MADISON

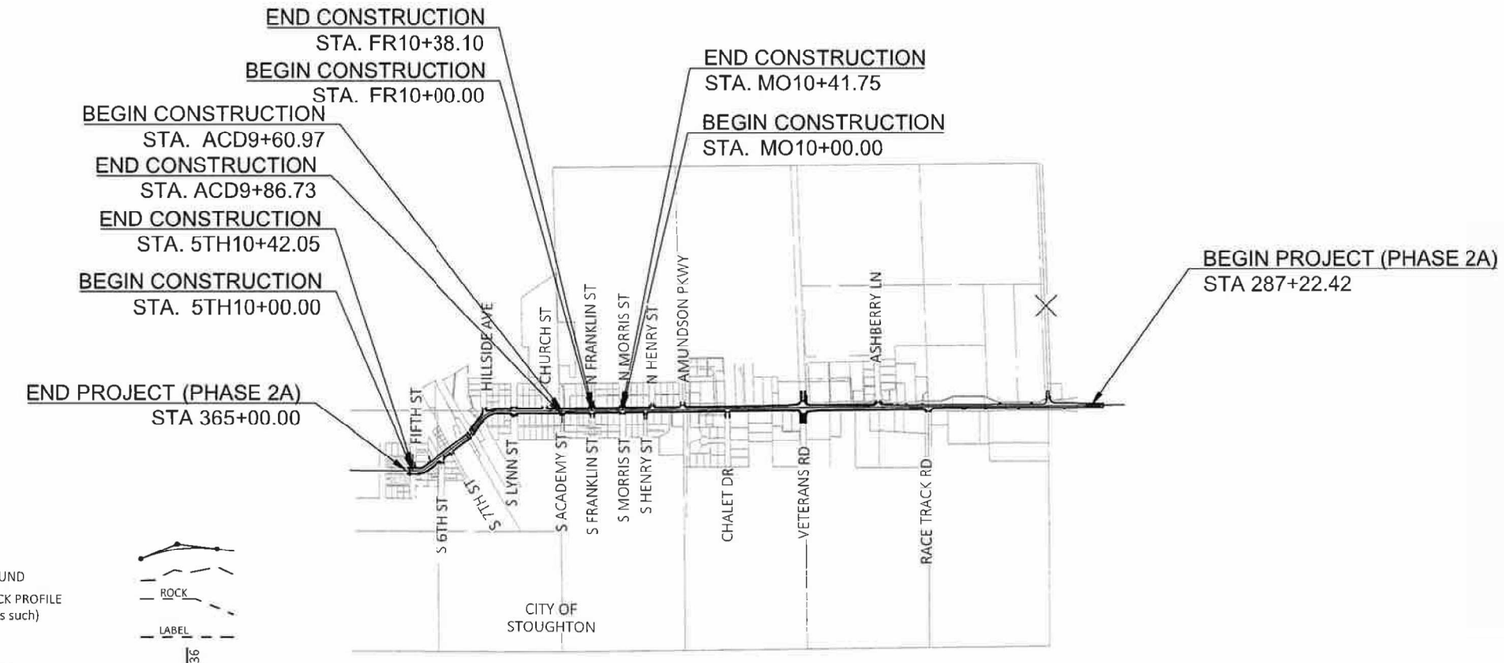
SPRING ROAD TO FIFTH ST

USH 51

DANE COUNTY

STATE PROJECT NUMBER
5845-16-79

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5845-16-79		



CONVENTIONAL SYMBOLS

PLAN		PROFILE	
CORPORATE LIMITS		GRADE LINE	
PROPERTY LINE		ORIGINAL GROUND	
LOT LINE		MARSH OR ROCK PROFILE (To be noted as such)	ROCK
LIMITED HIGHWAY EASEMENT		SPECIAL DITCH	LABEL
EXISTING RIGHT OF WAY		GRADE ELEVATION	95.36
PROPOSED OR NEW R/W LINE		CULVERT (Profile View)	
SLOPE INTERCEPT		UTILITIES	
REFERENCE LINE	300'EB'	ELECTRIC	E
EXISTING CULVERT		FIBER OPTIC	FO
PROPOSED CULVERT (Box or Pipe)		GAS	G
COMBUSTIBLE FLUIDS	CAUTION	SANITARY SEWER	SAN
		STORM SEWER	SS
MARSH AREA		TELEPHONE	T
		WATER	W
		UTILITY PEDESTAL	
WOODED OR SHRUB AREA		POWER POLE	
		TELEPHONE POLE	

LAYOUT

SCALE 0 0.5 MI

TOTAL NET LENGTH OF CENTERLINE = 1.457 MI

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DANE 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.

ACCEPTED FOR

CITY OF STOUGHTON

07/12/2024 (DATE) *Jill M. Weiss* (SIGNATURE AND TITLE OF OFFICIAL)

ORIGINAL PLANS PREPARED BY:
MSA PROFESSIONAL SERVICES, INC.

WISCONSIN
KEVIN C. LORD
E-35635
MADISON
WI
PROFESSIONAL ENGINEER

07/15/2024 (DATE) (SIGNATURE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	
Designer	MSA PROFESSIONAL SERVICES, INC.
Project Manager	
Regional Examiner	
Regional Supervisor	

APPROVED FOR THE DEPARTMENT

DATE David B Schmidt Digitally signed by David B Schmidt Date: 2024.09.27 08:32:27-05'00' (Signature)

E

FILE NAME : G:\21\21822\21822000\CADD\CONSTRUCTION DOCUMENTS_TI.DWG PLOT DATE : 7/9/2024 9:41 AM PLOT BY : JESSIKA MCNELLIS PLOT NAME :

2

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

WHERE MENTIONED ELSEWHERE IN THE SPECIFICATIONS OR PLANS, THE "STANDARD SPECIFICATION" SHALL REFER TO THE LATEST EDITION OF THE STATE OF WISCONSIN: "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION," AND THE LATEST AMENDMENTS (STATE SPECIFICATIONS)

ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
PLAN AND PROFILE SHEETS
MISCELLANEOUS QUANTITIES

UTILITIES

PAUL ZUEHLKE
SPECTRUM - COMMUNICATION LINE
2701 DANIELS ST.
MADISON, WI 53718
(715) 491-7502
PAUL.ZUEHLKE@CHARTER.COM

DAVID O'BRIEN
TDS METROCOM LLC - COMMUNICATION LINE
525 JUNCTION RD
MADISON, WI 53717
(608) 577-9654
DAVID.OBRIEN@TDSTELECOM.COM

DOUG VOSBERG
ATC MANAGEMENT, INC.
ELECTRICITY-TRANSMISSION
2489 RINDEN ROAD
COTTAGE GROVE, WI 53527
(608) 877-7650
DVOSBERG@ATCLLC.COM

RICK PODOLAK
AT&T WISCONSIN - COMMUNICATION LINE
304 S DEWEY ST
EAU CLAIRE, WI 54701
(715) 410-0656
RP4514@ATT.COM

LAURA SEALS
ALLIANT ENERGY - COMMUNICATION LINE
201 1ST STREET SE
CEDAR RAPIDS, IA 52401
(319) 786-4198
LAURASEALS@ALLIANTENERGY.COM

NICHOLAS DACHNIWSKYJ
ALLIANT ENERGY - ELECTRICITY
935 WBR TOWNLINE ROAD
BELOIT, WI 53511
(608) 364-6566
MOBILE: (608) 444-9362
NICHOLASDACHNIWSKYJ@ALLIANTENERGY.COM

NICHOLAS DACHNIWSKYJ
ALLIANT ENERGY - GAS/PETROLEUM
935 WBR TOWNLINE ROAD
BELOIT, WI 53511
(608) 364-6566
MOBILE: (608) 444-9362
NICHOLASDACHNIWSKYJ@ALLIANTENERGY.COM

JILL WEISS
CITY OF STOUGHTON UTILITIES - ELECTRICITY
600 S 4TH ST
P.O. BOX 383
STOUGHTON, WI 53589-0383
(608) 877-7423
MOBILE: (920) 650-6888
JWEISS@STOUGHTONUTILITIES.COM

JILL WEISS
CITY OF STOUGHTON UTILITIES - WATER & SEWER
600 S 4TH ST
P.O. BOX 383
STOUGHTON, WI 53589-0383
(608) 877-7423
MOBILE: (920) 650-6888
JWEISS@STOUGHTONUTILITIES.COM

WISDOT CONTACT

DAVID SCHMIDT, P.E.
PROJECT MANAGER
WISDOT SW REGION
2101 WRIGHT STREET
MADISON, WI 53704
(608) 246-3867
DAVID2.SCHMIDT@DOT.WI.GOV

DEPT. OF NATURAL RESOURCES

WISCONSIN DEPT. OF NATURAL RESOURCES
ERIC HEGGELUND
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
(608) 275-3301
ERIC.HEGGELUND@WISCONSIN.GOV

DESIGN CONTACT

MSA PROFESSIONAL SERVICES
KEVIN LORD, P.E.
1702 PANKRATZ ST
MADISON, WI 53704
(608) 242-7779
KLORD@MSA-PS.COM

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

2

2

CITY OF
STOUGHTON

PROPERTY LINE (TYP.)

END PROJECT (PHASE 2A)
STA 365+00.00

BEGIN CONSTRUCTION
STA. 5TH10+00.00

END CONSTRUCTION
STA. 5TH10+42.05

N

END CONSTRUCTION
STA. ACD9+86.73

BEGIN CONSTRUCTION
STA. ACD9+60.97

RACE TRACK RD

VETERANS RD

CHALET DR

S HENRY ST

S MORRIS ST

S FRANKLIN ST

S ACADEMY ST

S LYNN ST

S 7TH ST

S 6TH ST

S FIFTH ST

PP2

PP3

PP4

PP1

290+00 295+00 300+00 305+00 310+00 315+00 320+00 325+00 330+00 335+00 340+00 345+00 350+00 355+00 360+00 365+00

ACD9+00

FR10+00

5TH11+00

SPRING RD

ASHBERRY LN

AMUNDSON PKWY

N HENRY ST

N MORRIS ST

N FRANKLIN ST

CHURCH ST

N LYNN ST

HILLSIDE AVE

BEGIN PROJECT (PHASE 2A)
STA 287+22.42

BEGIN CONSTRUCTION
STA. MO10+00.00

END CONSTRUCTION
STA. MO10+41.75

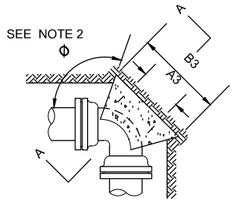
BEGIN CONSTRUCTION
STA. FR10+00.00

END CONSTRUCTION
STA. FR10+38.10

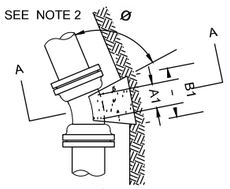
PROJECT NO: 5845-16-79	HWY: USH 51	COUNTY: DANE	PROJECT OVERVIEW	SHEET 3	E

FILE NAME : G:\21\21822\21822000\CADD\CONSTRUCTION DOCUMENTS_TI.DWG
LAYOUT NAME - Plan 1 IN 1000 FT

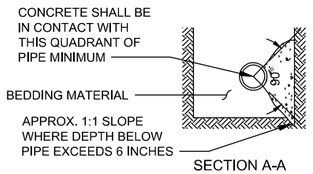
PLOT DATE : 9/26/2024 1:55 PM PLOT BY : JESSIKA MCNELLIS PLOT NAME : PLOT SCALE : 1 IN:500 FT



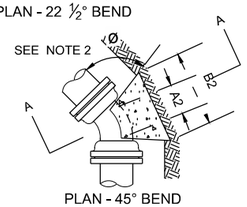
PLAN - 90° BEND



PLAN - 22 ½° BEND



SECTION A-A

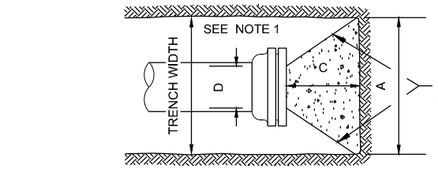


PLAN - 45° BEND

NOTES:
1. DIMENSIONS IN TABLE ARE BASED ON A WATER PRESSURE OF 150 P.S.I. AND AN EARTH RESISTANCE OF 2 TONS PER SQ. FT. INFORM THE ENGINEER IF PRESSURES EXCEED 150 PSI, OR ON-SITE SOIL DOES NOT MEET THIS CONDITION.
2. DIMENSION C1 C2 C3 SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
3. DIMENSION A1 A2 A3 SHOULD BE AS LARGE AS POSSIBLE WITHOUT INTERFERING WITH THE MECHANICAL JOINT.
4. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
5. ALL BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. IN ADDITION TO BUTTRESS, ALL JOINTS SURROUNDING BENDS SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.
8. ALL JOINT RESTRAINTS TO BE MEGALUG ONLY.

BUTTRESS DIMENSIONS						
PIPE SIZE	22 ½° BENDS		45° BENDS		90° BENDS	
	B1	D1	B2	D2	B3	D3
6"	1'-0"	1'-0"	1'-0"	1'-0"	1'-4"	1'-2"
8"	1'-0"	1'-0"	1'-4"	1'-2"	1'-10"	1'-6"
10"	1'-2"	1'-2"	1'-7"	1'-7"	2'-3"	1'-10"
12"	1'-4"	1'-4"	1'-10"	1'-10"	2'-8"	2'-3"
16"	1'-10"	1'-8"	2'-6"	2'-4"	3'-10"	2'-10"
20"	2'-4"	2'-0"	3'-3"	2'-10"	5'-0"	3'-4"
24"	2'-10"	2'-4"	4'-0"	3'-3"	6'-4"	3'-10"

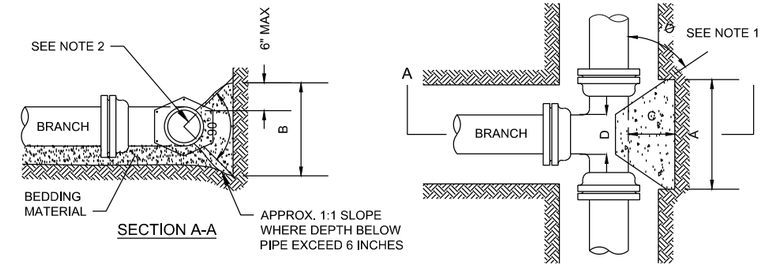
BUTTRESS FOR BENDS DETAIL
NO SCALE



BUTTRESS DIMENSIONS				
DIA.	A	B	C	D
6"	1'-6"	1'-2"	SEE NOTE NO. 1	SEE NOTE NO. 2
8"	2'-0"	1'-4"		
12"	2'-5"	1'-10"		
16"	3'-4"	2'-4"		
20"	4'-3"	2'-10"		
24"	5'-2"	3'-4"		
30"	6'-9"	4'-0"		

NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø EQUAL TO OR LARGER THAN 45°.
2. DIMENSION 'D' EQUALS APPROX. I.D. OF PIPE LESS 2 INCHES. THE CONCRETE SHOULD NOT INTERFERE WITH THE MECHANICAL JOINTS.
3. WHERE BUTTRESSES ARE NOT POSSIBLE BECAUSE OF POOR SOIL CONDITIONS OR LACK OF ROOM, WEDGE ACTION RESTRAINING GLANDS SHALL BE PERMITTED.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE POURED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. NO WOOD BUTTRESS ALLOWED.
9. JOINT RESTRAINTS TO BE MEGALUG ONLY.

BUTTRESS FOR PLUGS DETAIL
NO SCALE

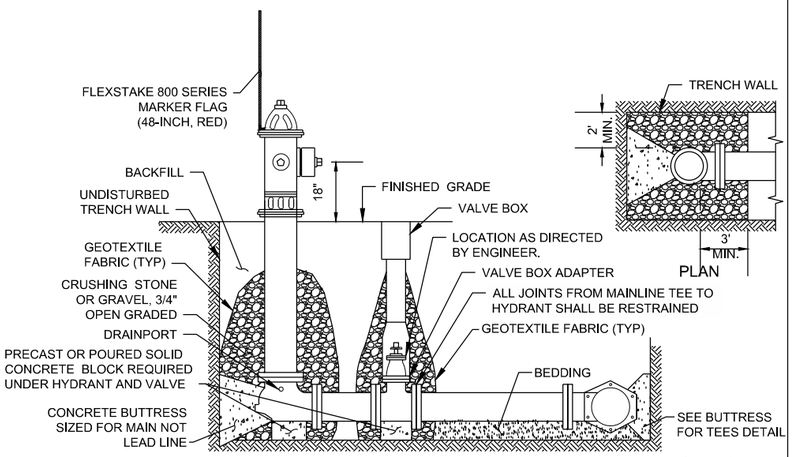


NOTES:
1. DIMENSION 'C' SHOULD BE LARGE ENOUGH TO MAKE ANGLE Ø GREATER THAN OR EQUAL TO 45°.
2. CONCRETE SHOULD BEAR ON THIS QUADRANT OF PIPE AT A MINIMUM.
3. DIMENSION 'D' SHOULD BE AS LARGE AS POSSIBLE BUT CONCRETE SHOULD NOT INTERFERE WITH MECHANICAL JOINTS.
4. BUTTRESS DIMENSIONS ARE BASED ON A SOIL RESISTANCE OF TWO TONS PER SQ. FT. AND A WATER PRESSURE OF 150 PSI. INFORM THE ENGINEER IF ON-SITE SOIL DOES NOT MEET THIS CONDITION OR PRESSURES EXCEED 150 PSI.
5. BUTTRESS TO BE PLACED AGAINST FIRM UNDISTURBED SOIL, OR DISTURBED SOIL COMPACTED TO 95%% OF MODIFIED PROCTOR DENSITY, ASTM D1557.
6. CONCRETE SHALL HAVE A MINIMUM 7-DAY COMPRESSIVE STRENGTH OF 2000 PSI.
7. ALL POURED BUTTRESSED FITTINGS SHALL BE WRAPPED IN POLYETHYLENE.
8. IN ADDITION TO BUTTRESSES, ALL JOINTS SURROUNDING TEES SHALL BE RESTRAINED WITH WEDGE ACTION RESTRAINING GLANDS.
9. ALL JOINT RESTRAINTS TO BE MEGALUG ONLY.

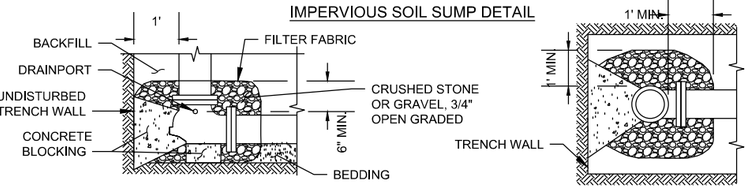
BUTTRESS DIMENSIONS				
DIA.	A	B	C	D
6"	1'-3"	1'-0"	SEE NOTE NO. 1	SEE NOTE NO. 3
8"	1'-6"	1'-4"		
10"	1'-10"	1'-8"		
12"	2'-3"	2'-0"		
16"	3'-2"	2'-6"		
20"	4'-0"	3'-0"		
24"	5'-3"	3'-4"		

DIA. = BRANCH DIAMETER

BUTTRESS FOR TEES DETAIL
NO SCALE

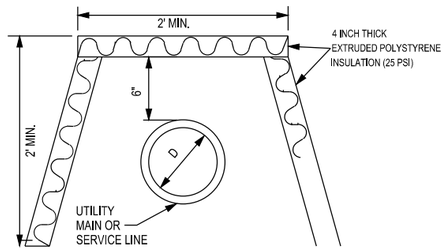


IMPERVIOUS SOIL SUMP DETAIL

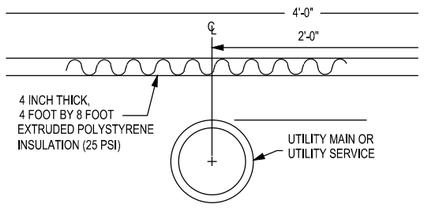


PERVIOUS SOIL SUMP DETAIL

HYDRANT AND LEAD CONNECTION DETAIL
NO SCALE



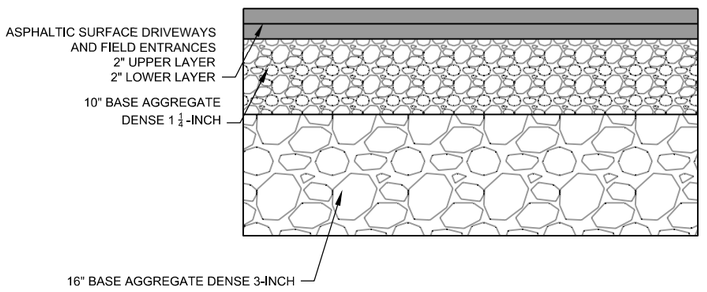
SIDE PROTECTION INSTALLATION



STANDARD INSTALLATION

GENERAL NOTES:
1. STANDARD PIPE INSULATION SHALL BE USED WHERE PIPE BURY DEPTH IS LESS THAN 6.5-FT. FROM FINISHED GRADE.
2. THE SIDE PROTECTION INSTALLATION SHALL BE USED WHERE DEPTH TO INVERT IS LESS THAN 6.5-FT.
3. STAGGER ALL INSULATION JOINTS.
4. CONTRACTOR TO RECORD AREAS AND DIMENSIONS OF INSULATION INSTALLED.

PIPE INSULATION DETAIL



HMA PAVEMENT PATCH TYPICAL SECTION
NO SCALE

PROJECT NO: 5845-16-79	HWY: USH 51	COUNTY: DANE	DETAILS	SHEET 4	E

5845-16-79

Line	Item	Item Description	Unit	Total	Qty
0012	204.0110	Removing Asphaltic Surface	SY	45.000	45.000
0050	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	20.000	20.000
0052	305.0130	Base Aggregate Dense 3-Inch	TON	30.000	30.000
0076	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	14.000	14.000
0192	619.1000	Mobilization	EACH	0.020	0.020
0420	690.0150	Sawing Asphalt	LF	80.000	80.000
0460	SPV.0060	Special 11. 10-Inch D.I. Gate Valve & Box	EACH	1.000	1.000
0462	SPV.0060	Special 12. 10-Inch 45 Degree Bend	EACH	2.000	2.000
0464	SPV.0060	Special 13. 10-Inch D.I. Cap	EACH	1.000	1.000
0466	SPV.0060	Special 14. 10-Inch x 10-Inch D.I. Tee	EACH	2.000	2.000
0468	SPV.0060	Special 15. 10-Inch x 4-Inch D.I. Reducer	EACH	1.000	1.000
0470	SPV.0060	Special 16. Connect To Existing Watermain	EACH	2.000	2.000
0472	SPV.0060	Special 17. Connect to Existing Sanitary Sewer	EACH	8.000	8.000
0474	SPV.0060	Special 18. 8-Inch x 4-Inch Wyes and Connection	EACH	1.000	1.000
0476	SPV.0060	Special 19. Sanitary Sewer Sleeve	EACH	3.000	3.000
0478	SPV.0060	Special 20. Adjust Sanitary Manhole Casting	EACH	2.000	2.000
0480	SPV.0060	Special 21. Abandon Existing Watermain	EACH	1.000	1.000
0482	SPV.0060	Special 22. Plug Existing Manhole	EACH	2.000	2.000
0484	SPV.0060	Special 23. Abandon Existing Sanitary Manhole	EACH	1.000	1.000
0486	SPV.0060	Special 24. Remove Existing Sanitary Manhole	EACH	1.000	1.000
0500	SPV.0060	Special 31. Adjust Water Valve	EACH	1.000	1.000
0514	SPV.0090	Special 06. 10-Inch D.I. Water Main	LF	39.000	39.000
0516	SPV.0090	Special 07. Trench Backfill - Water Main	LF	39.000	39.000
0518	SPV.0090	Special 08. 8-Inch PVC Sanitary Sewer	LF	247.000	247.000
0520	SPV.0090	Special 09. 4-Inch PVC Sanitary Sewer	LF	35.000	35.000
0522	SPV.0090	Special 10. Trench Backfill - Sanitary Sewer	LF	282.000	282.000
0524	SPV.0090	Special 11. Slurry Fill and Abandon Existing Sanitary Sewer	LF	200.000	200.000
0526	SPV.0090	Special 12. Remove Existing Sanitary Sewer	LF	183.000	183.000

PVC SANITARY SEWER

FROM STATION	LOCATION	TO STATION	LOCATION	(SPV.0090.08) 8-IN PVC SANITARY SEWER LF	(SPV.0090.09) 4-IN PVC SANITARY SEWER LF
363+13.65	9.20' LT	364+31.84	1.66' LT	121	-
5TH10+00.00	2.36' RT	5TH10+42.05	1.74' RT	44	-
5TH10+40.39	1.76' RT	5TH10+40.38	32.31' LT	-	35
MO10+00.00	1.48' LT	MO10+41.75	1.38' LT	42	-
FR10+00.00	2.43' LT	FR10+38.10	2.33' LT	40	-
PROJECT 5845-16-79 TOTALS				**247**	**35**

CONNECT TO EXISTING SANITARY SEWER

STATION	LOCATION	(SPV.0060.17) CONNECT TO SANITARY SEWER EACH
363+13.65	9.20' LT	1
364+31.84	1.66' LT	1
5TH10+00.00	2.36' RT	1
5TH10+42.05	1.74' RT	1
MO10+00.00	1.48' LT	1
MO10+41.75	1.38' LT	1
FR10+00.00	2.43' LT	1
FR10+38.10	2.33' LT	1
PROJECT 5845-16-79 TOTALS		**8**

SLURRY FILL AND ABANDON EXISTING SANITARY SEWER

FROM STATION	LOCATION	TO STATION	LOCATION	(SPV.0090.11) SLURRY FILL AND ABANDON EXISTING SANITARY SEWER LF
363+34.10	7.63' LT	364+31.40	77.31' LT	124
364+31.40	77.31' LT	364+31.84	1.66' LT	76
PROJECT 5845-16-79 TOTALS				**200**

ABANDON EXISTING SANITARY MANHOLE

STATION	LOCATION	(SPV.0060.23) ABANDON EXISTING SANITARY MANHOLE EACH
364+31.40	77.31' LT	1
PROJECT 5845-16-79 TOTALS		**1**

REMOVE EXISTING SANITARY MANHOLE

STATION	LOCATION	(SPV.0060.24) REMOVE EXISTING SANITARY MANHOLE EACH
363+34.10	7.63' LT	1
PROJECT 5845-16-79 TOTALS		**1**

REMOVE EXISTING SANITARY SEWER

FROM STATION	LOCATION	TO STATION	LOCATION	(SPV.0090.12) REMOVE EXISTING SANITARY SEWER LF
363+13.65	9.20' LT	363+34.10	7.63' LT	22
MO10+00.00	1.48' LT	MO10+41.75	1.38' LT	42
FR10+00.00	2.43' LT	FR10+38.10	2.33' LT	40
5TH10+00.00	2.36' RT	5TH10+42.05	1.74' RT	44
5TH10+40.39	1.76' RT	5TH10+40.38	32.31' LT	35
PROJECT 5845-16-79 TOTALS				**183**

SANITARY SEWER CONNECTIONS

STATION	LOCATION	(SPV.0060.19) SANITARY SEWER SLEEVE EACH	(SPV.0060.18) SANITARY SEWER 8-INCH X 4-INCH WYE EACH
MO10+41.75	1.38' LT	1	-
FR10+38.10	2.33' LT	1	-
5TH10+40.39	1.76' RT	-	1
5TH10+42.03	1.74' RT	1	-
ROJECT 5845-16-79 TOTAL		**3**	**1**

TRENCH BACKFILL - SANITARY SEWER

FROM STATION	LOCATION	TO STATION	LOCATION	(SPV.0090.10) TRENCH BACKFILL - SANITARY SEWER LF
363+13.65	9.20' LT	364+31.84	1.66' LT	121
5TH10+00.00	2.36' RT	5TH10+42.05	1.74' RT	44
5TH10+40.39	1.76' RT	5TH10+40.38	32.31' LT	35
MO10+00.00	1.48' LT	MO10+41.75	1.38' LT	42
FR10+00.00	2.43' LT	FR10+38.10	2.33' LT	40
PROJECT 5845-16-79 TOTALS				**282**

ADJUST SANITARY MANHOLE CASTING

STATION	LOCATION	(SPV.0060.20) ADJUST SANITARY MANHOLE CASTING EACH
363+13.65	9.36' LT	1
364+31.84	1.66' LT	1
PROJECT 5845-16-79 TOTALS		**2**

PLUG EXISTING SANITARY MANHOLE

STATION	LOCATION	(SPV.0060.22) PLUG EXISTING SANITARY MANHOLE EACH
363+13.65	9.20' LT	1
364+31.84	1.66' LT	1
PROJECT 5845-16-79 TOTALS		**2**

3

3

DUCTILE IRON WATERMAIN

FROM STATION	LOCATION	TO STATION	LOCATION	(SPV.0090.06) 10-INCH D.I. WATER MAIN LF
ACD9+60.98	5.14' RT	ACD9+60.96	7.96' LT	13
ACD9+60.96	7.96' LT	ACD9+78.75	7.96' LT	18
ACD9+78.75	7.96' LT	ACD9+86.82	7.96' LT	8
PROJECT 5845-16-79 TOTALS				**39**

CONNECT TO EXISTING WATERMAIN

STATION	LOCATION	(SPV.0060.16) CONNECT TO WATERMAIN EACH
ACD9+53.27	8.76' RT	1
ACD9+86.82	7.96' LT	1
PROJECT 5845-16-79 TOTALS		**2**

ABANDON EXISTING WATERMAIN

FROM STATION	LOCATION	TO STATION	LOCATION	(SPV.0060.21) ABANDON EXISTING WATERMAIN EA
ACD9+60.97	8.93' RT	ACD9+86.73	9.48' RT	1
PROJECT 5845-16-79 TOTALS				**1**

ADJUST WATER VALVE

STATION	LOCATION	(SPV.0060.31) ADJUST WATER VALVE EACH
ACD9+78.75	7.96' LT	1
PROJECT 5845-16-79 TOTALS		**1**

PROPOSED FITTINGS

STATION	LOCATION	(SPV.0060.14) 10-INCH X 10-D.I. TEE EACH	(SPV.0060.15) 10-INCH X 4-INCH D.I. REDUCER EACH	(SPV.0060.11) 10-INCH D.I. GATE VALVE & BOX EACH	(SPV.0060.12) 10-INCH D.I. 45 DEG BEND EACH	(SPV.0060.13) 10-INCH D.I. CAP EACH
ACD9+53.27	8.76' RT	-	1	-	-	-
ACD9+57.18	8.89' RT	-	-	-	1	-
ACD9+60.98	5.14' RT	-	-	-	1	-
ACD9+57.70	8.00' LT	-	-	-	-	1
ACD9+60.96	7.96' LT	1	-	-	-	-
ACD9+78.75	7.96' LT	-	-	1	-	-
ACD9+86.82	7.96' LT	1	-	-	-	-
PROJECT 5845-16-79 TOTALS		**2**	**1**	**1**	**2**	**1**

TRENCH BACKFILL - WATERMAIN

FROM STATION	LOCATION	TO STATION	LOCATION	(SPV.0090.07) TRENCH BACKFILL - WATER MAIN LF
ACD9+60.98	5.14' RT	ACD9+86.82	7.96' LT	39
PROJECT 5845-16-79 TOTALS				**39**

HMA ASPHALT REMOVAL & REPLACEMENT PATCH

STATION	LOCATION	(690.0150) SAWING ASPHALT LF	(204.0110) REMOVING ASPHALTIC SURFACE SY	(305.0120) BASE AGGREGATE DENSE 1 1/4-INCH TON	(305.0130) BASE AGGREGATE DENSE 3-INCH TON	(465.0120) ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
364+31.43	77.48' LT	80	45	20	30	14
PROJECT 5845-16-79 TOTALS		**80**	**45**	**20**	**30**	**14**

KRAUS REV TR, RICHARD & CONNIE *051109228112 921 E MAIN ST, STOUGHTON WI 53589

KRAUS REV TR, RICHARD & CONNIE *051109228112 921 E MAIN ST, STOUGHTON WI 53589

CURRENT OWNER 917 E MAIN ST *051101922829

KELLY J L TINSMAN
ANTHONY M TINSMAN
*051109228336
909 E MAIN ST,
STOUGHTON WI 53589

MICHAEL P FERRARO
JONALLE L FERRARO
*051109228443
901 E MAIN ST

EXIST. 4-IN WATER MAIN

CONNECT TO EXIST. 4-IN WATER MAIN
10" X 4" REDUCER
CONNECTION ELEVATION TO BE VERIFIED IN FIELD

(2) 10-IN D.I. 45° BEND

ABANDON 26 L.F. EXISTING
4-IN WATERMAIN AND VALVE
BOX AND PLUG EXISTING TEE

R.O.W.

S ACADEMY ST

JOHN L GORE
DEANNA J GORE
*051108100019
R.O.W. 104 S ACADEMY ST,
STOUGHTON WI 53589

13 L.F. PROPOSED 10-IN WM
10-IN D.I. CAP FOR FUTURE CONNECTION
10-IN X 10-IN D.I. TEE

POOL

MICHAEL J DANSEREAU
*051108100126
809 E MAIN ST,
STOUGHTON WI 53589

STEPHANIE PAHILLIPS
*051108100233
801 E MAIN ST,
STOUGHTON WI 53589

18 L.F. PROPOSED 10-IN WM
10-IN VALVE AND BOX
ADJUST VALVE TO FINAL GRADE
8 L.F. PROPOSED 10-IN WM
CONNECT TO EXIST. 10-IN WATER MAIN
10-IN X 10-IN D.I. TEE
APPROX. I.E. = 885.47
ELEVATION TO BE VERIFIED IN FIELD

REBECCA L ANDERSON
*051108100340
725 E MAIN ST,
STOUGHTON WI 53589

ROBER J KITSON
CLAIRE A KITSON
*051108100457
717 E MAIN ST,
STOUGHTON WI
53589

EXIST. 10-IN D.I. WM

FRANCISCO GOMEZ
*051108100564
709 E MAIN ST,
STOUGHTON WI 53589

PETERSON REV LIVING TR,
GERALD F & JEAN M
*051108100671
701 E MAIN ST, STOUGHTON
WI 53589

N

343+00 344+00 345+00 346+00 347+00 348+00 349+00 350+00

US 51

EXIST. STORM SEWER

EXISTING SANITARY STUB

R.O.W.

POST

6 7

EXIST. 44 LF 8-IN PVC SAN

CHURCH ST

EXIST. 8-IN PVC
SANITARY SEWER

LARRY LANGMEIER
*051104392800
924 E MAIN ST,
STOUGHTON WI
53589

JEAN M GOHLKE
*051104392702
916 E MAIN ST,
STOUGHTON WI 53589

PAUL W DERR
BARBARA L DERR
*051104392604
908 E MAIN ST,
STOUGHTON WI 53589

STOUGHTON HOSPITAL ASSOCIATION
*051105473012
900 RIDGE ST, STOUGHTON WI 53589

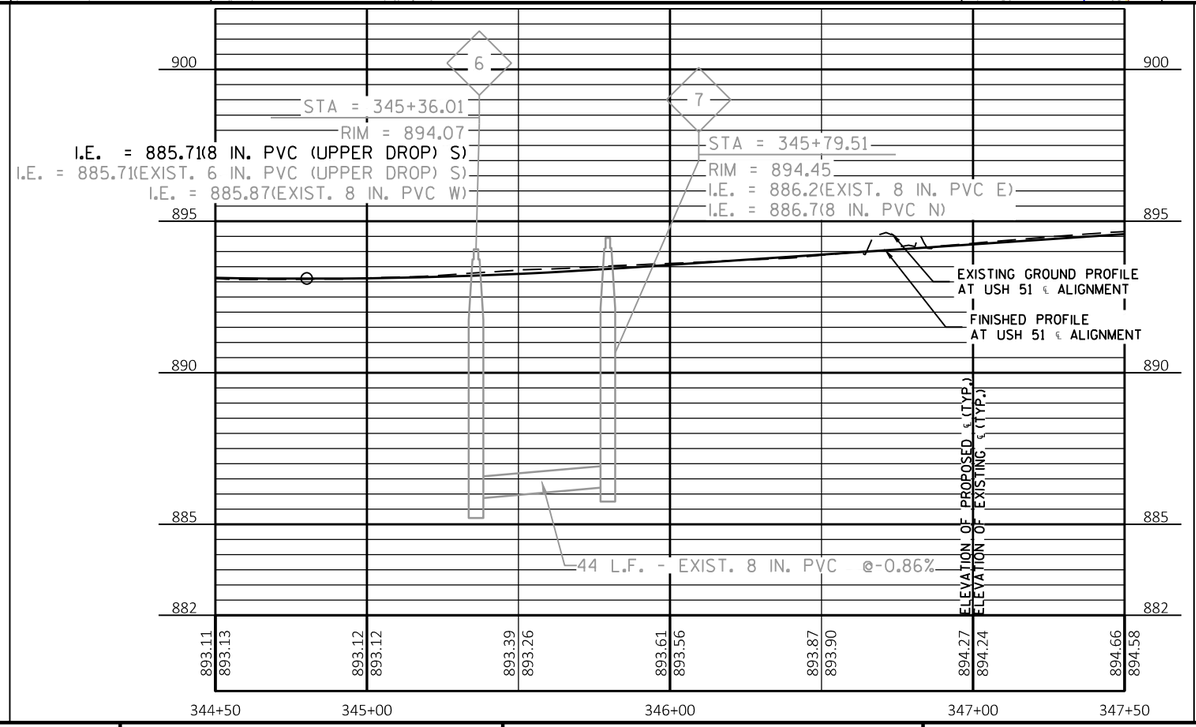
FRITZ-STOUGHTON LLC
*051105461886
724 E MAIN ST

FRITZ-STOUGHTON LLC
*051105461779
716 E MAIN ST

REEVES FAMILY TR,
DALE & LISA
*051105461662
708 E MAIN ST,
STOUGHTON WI 53589

CHARLES A THURBER
ASHLEY CALDECOTT
*051105461555
700 E MAIN ST,
STOUGHTON WI 53589

5 5



PROJECT NO: 5845-16-79	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: PP1 - USH 51	SHEET 8	E

FILE NAME : G:\21\21822\21822000\CADD\CONSTRUCTION DOCUMENTS_PP US 51_NB.DWG
LAYOUT NAME - PP1

PLOT DATE : 9/26/2024 2:09 PM PLOT BY : JESSIKA MCNELLIS PLOT NAME : PLOT SCALE : 1 IN:50 FT

STOUGHTON, CITY OF
*051108137418

REMOVE 3' BELOW GRADE AND FILL W/ CLEAR STONE
ABANDON EXISTING SANITARY MANHOLE

SLURRY FILL AND ABANDON
EXIST. 8-IN PVC SAN SEWER

STOUGHTON, CITY OF
*051108130317
401 E MAIN ST

STOUGHTON, CITY OF
*051108138588

SLURRY FILL AND ABANDON
EXIST. 8-IN PVC SAN SEWER

REMOVE EXISTING MANHOLE

REMOVE 22 L.F. EXISTING
SANITARY SEWER

PLUG MANHOLE NORTH INVERT

PLUG MANHOLE

CONNECT TO
EXIST. SAN SEWER

ADJUST SANITARY MANHOLE CASTING
TO PROPOSED SURFACE GRADE

ADJUST SANITARY MANHOLE CASTING
TO PROPOSED SURFACE GRADE
RE-CORE EXISTING MANHOLE

*CURREN
*051108138
419 E MAIN ST

BRYAN RICHGELS
*051108138695
421 E MAIN ST

EXIST. 8-IN PVC
SANITARY SEWER

EXIST. 10-IN D.I. WM

MELTON SERVICE LLC
*051108138793
435 E MAIN ST
53589

STOUGHTON WI

PROPOSED 121 L.F. 8-IN PVC
SAN SEWER

CONNECT TO EXIST. SAN SEWER

REMOVE & REPLACE 4" PVC SANITARY LATERAL TO R.O.W.
LATERAL LOCATION TO BE VERIFIED IN FIELD

REMOVE 44 L.F. EXISTING SAN SEWER
PROPOSED 44 L.F. 8-IN PVC @ -2.84%
SAN SEWER

JC DUFFY PROPERTIES LLC
*051108136599
225 S FIFTH ST

CONNECT TO EXIST. SAN SEWER
WITH SLEEVE
APPROX. I.E. = 874.029
CONNECTION ELEVATION TO BE
VERIFIED IN FIELD

FIFTH ST

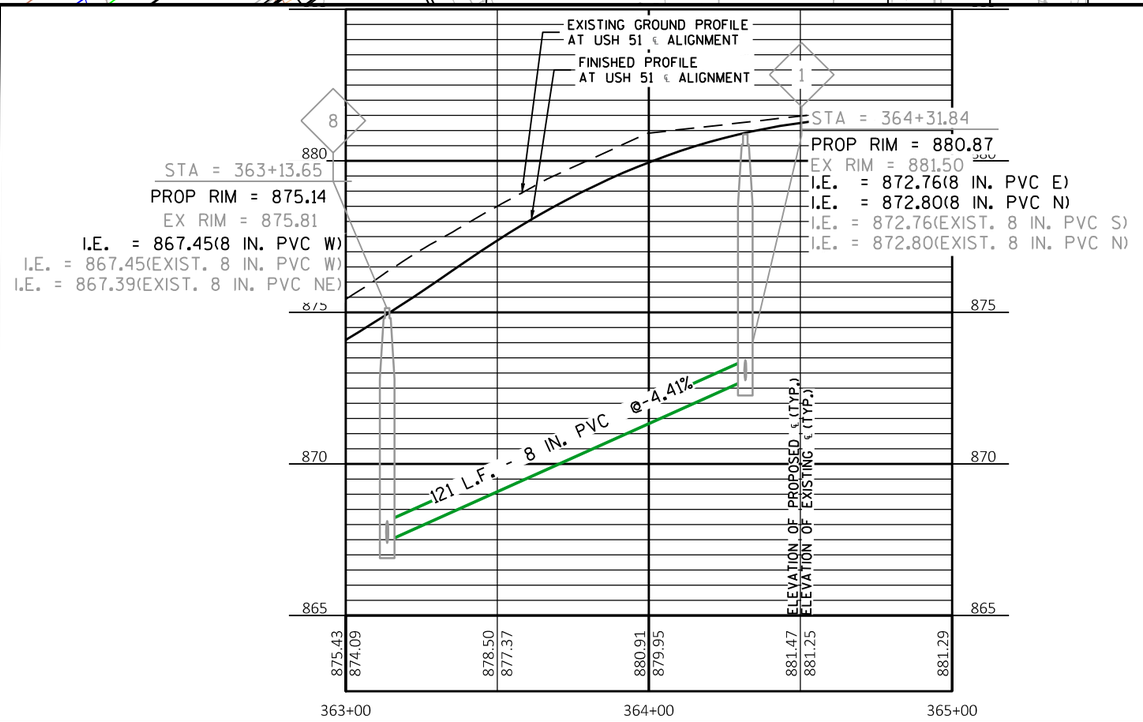
MICHAEL GILBERT
JOANN GILBERT
*051108134162
388 E MAIN ST

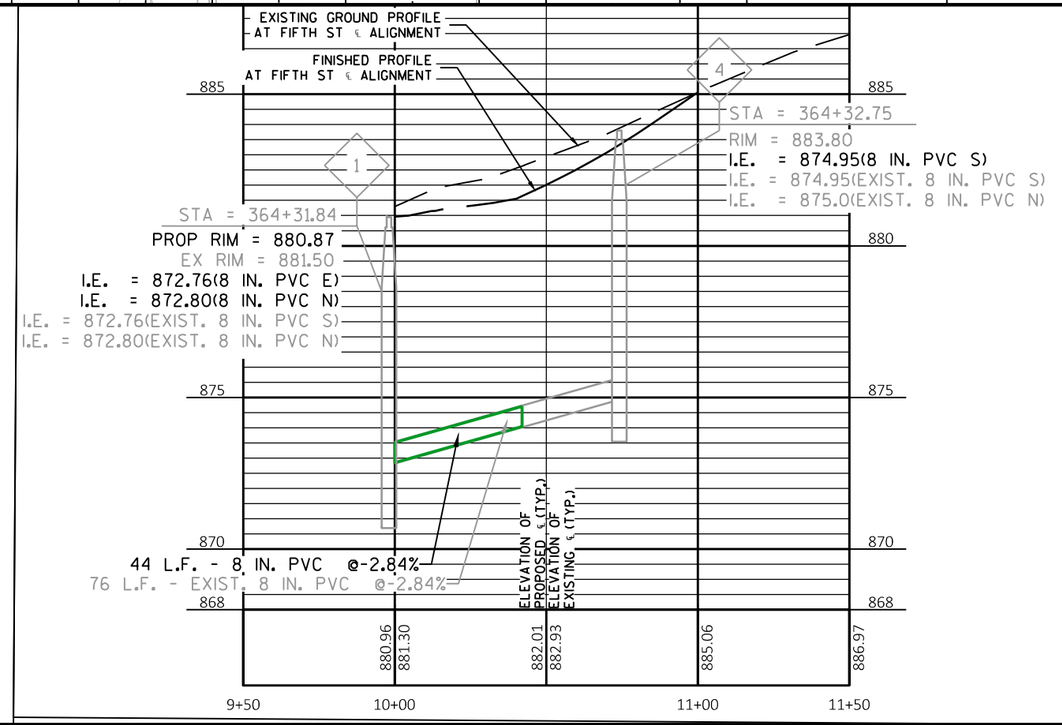
JNT DEVELOPMENTS LLC
*051108134055
384 E MAIN ST

364+00 365+00 366+00 367+00 368+00
363+00 362+00 FD9+47 STH11+00

N

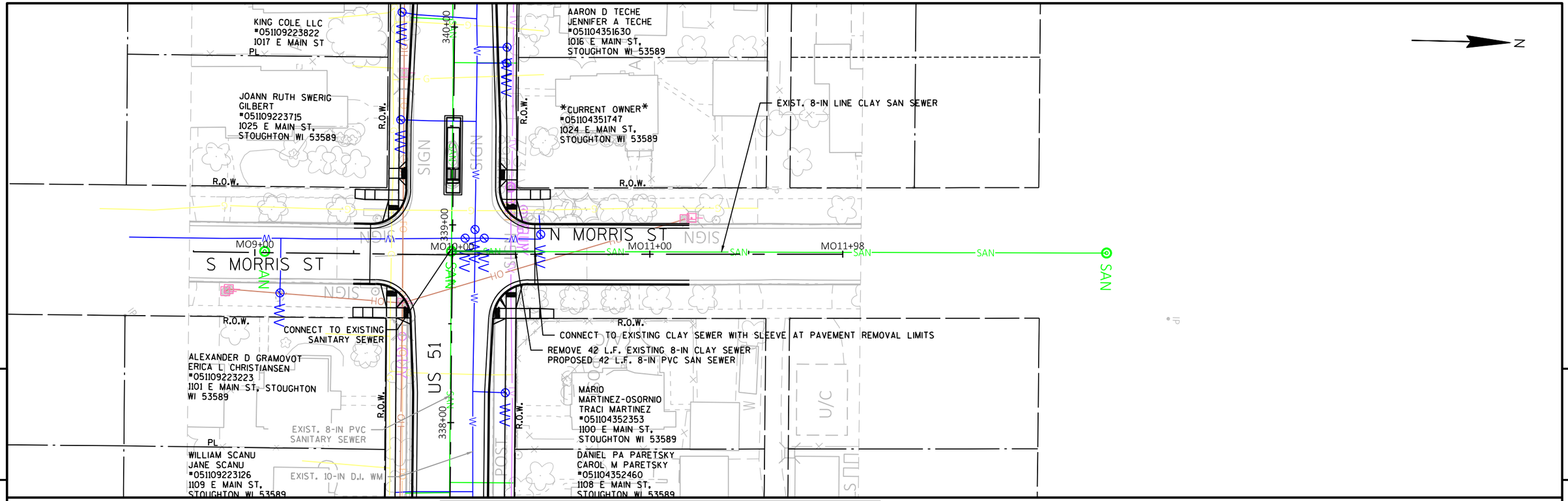
5 5

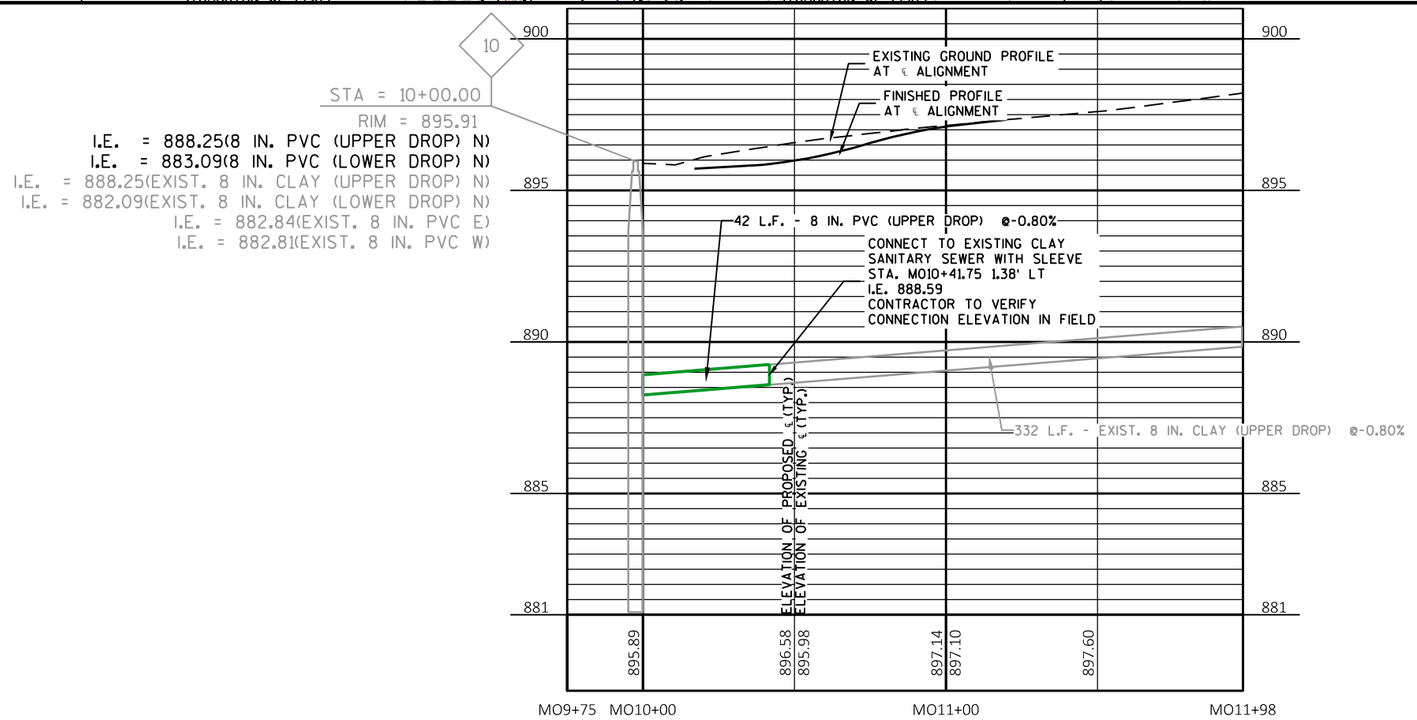




PROJECT NO: 5845-16-79	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: PP2 - USH 51	SHEET 9	E

FILE NAME : G:\21\21822\21822000\CADD\CONSTRUCTION DOCUMENTS_PP US 51_NB.DWG
LAYOUT NAME - PP2
PLOT DATE : 9/27/2024 12:03 PM
PLOT BY : JESSIKA MCNELLIS
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 44



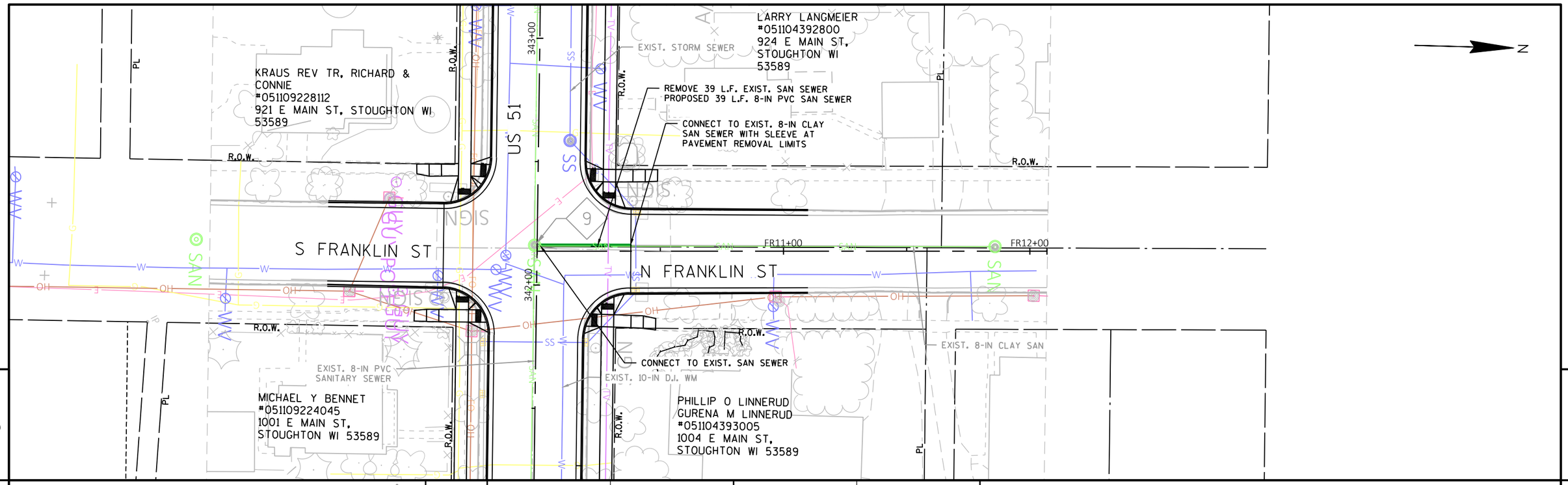


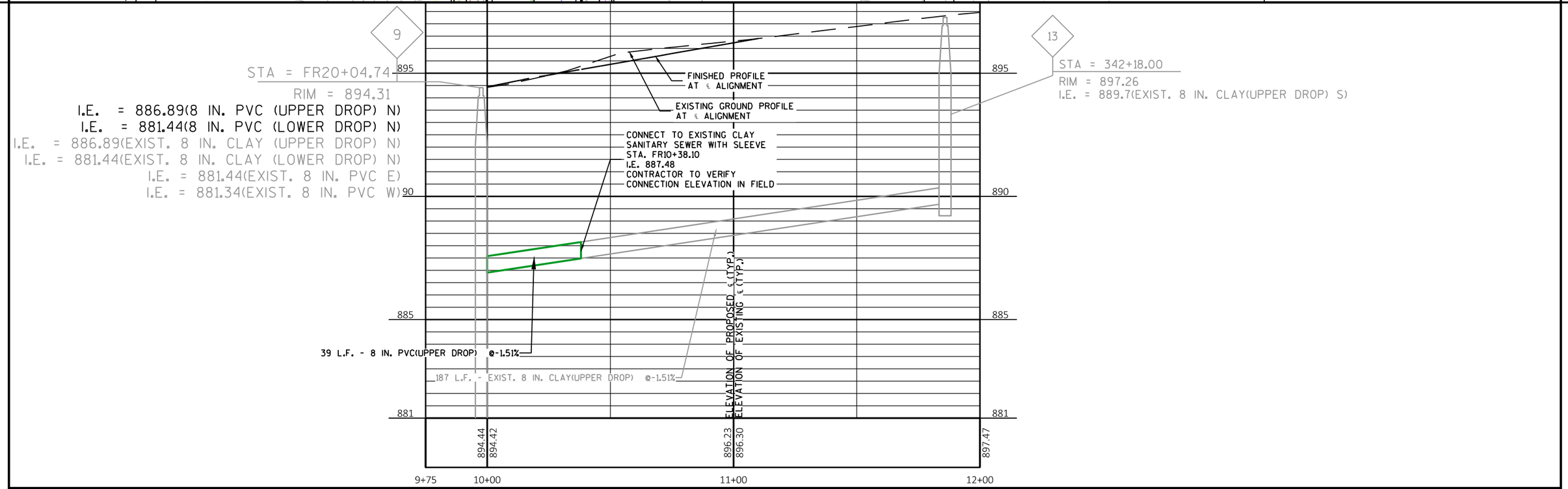
PROJECT NO: 5845-16-79	HWY: US 51	COUNTY: DANE	PLAN AND PROFILE: PP3 - N MORRIS ST	SHEET 10	E

FILE NAME : G:\21\21822\21822000\CADD\CONSTRUCTION DOCUMENTS_PP N MORRIS ST.DWG
LAYOUT NAME - Sheet - (27)

PLOT DATE : 9/26/2024 2:19 PM PLOT BY : JESSIKA MCNELLIS PLOT NAME : PLOT SCALE : 1 IN:50 FT

WISDOT/CADDS SHEET 44





PROJECT NO: 5845-16-79	HWY: US 51	COUNTY: DANE	PLAN AND PROFILE: PP4 - N FRANKLIN ST	SHEET 11	E

FILE NAME : G:\21\21822\21822000\CADD\CONSTRUCTION DOCUMENTS_PP N FRANKLIN ST.DWG
LAYOUT NAME - Sheet - (28)
PLOT DATE : 9/26/2024 2:21 PM
PLOT BY : JESSIKA MCNELLIS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov