PROJECT ID: 5845-01-78

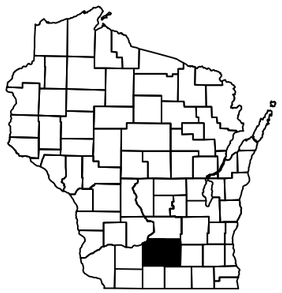
WITH: 5845-01-76

COUNTY: DANE

ORDER OF SHEETS

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

TOTAL SHEETS =





DESIGN DESIGNATION

A.A.D.T.	2012	=	10,300
A.A.D.T.	2042	=	13,700
D.H.V.		=	891
D.D.		=	59/41
T.		=	7.6%
DESIGN SPEED		=	50 MPH
ESALS		=	1,800,000

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STOUGHTON-MADISON

ROBY ROAD INTERSECTION

USH 51

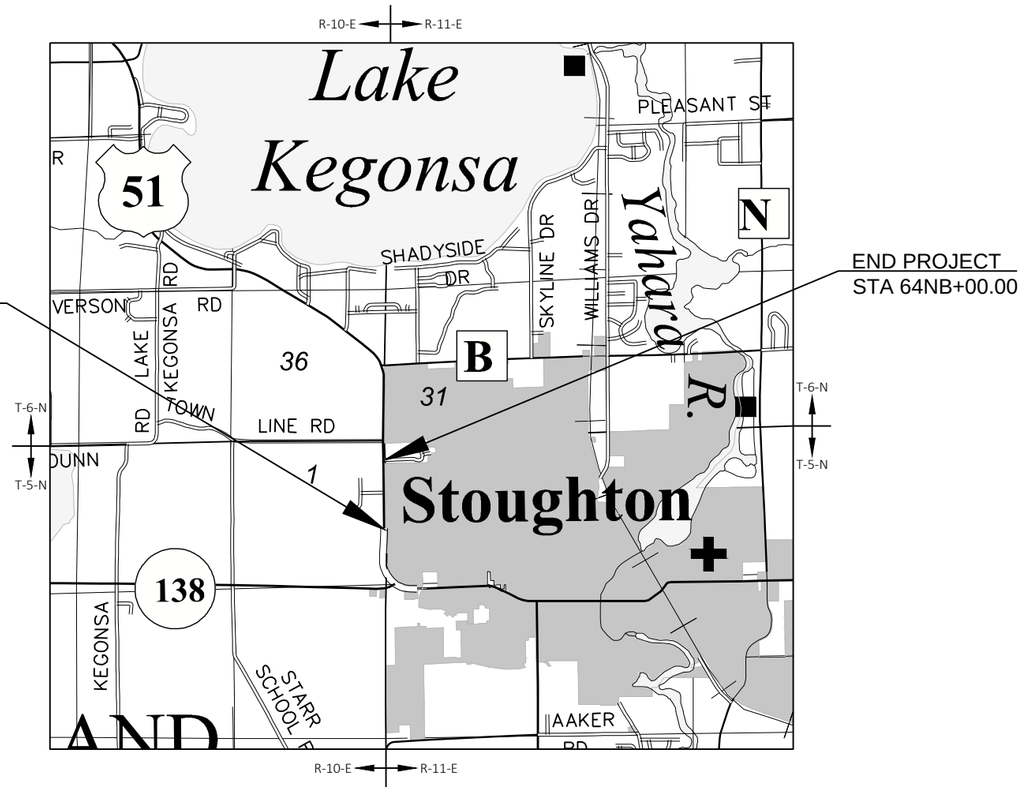
DANE COUNTY

STATE PROJECT NUMBER
5845-01-78

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5845-01-78		

BEGIN PROJECT
STA 49NB+80.00
Y = 428462.011
X = 857017.396

END PROJECT
STA 64NB+00.00



LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 0.269 MILES

HORIZONTAL POSITIONS SHOWN ON THE PLAN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET.
VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES.
GRID DISTANCES MAY BE USED AS GROUND DISTANCES.
ELEVATION SHOWN ON THE PLAN REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD (2012).

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	MSA PROFESSIONAL SERVICES
Designer	NOU SOUA XIONG
Project Manager	ALEX HAGEN
Regional Examiner	SW REGION
Regional Supervisor	KARLA KNORR

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\010100_TI.DWG PLOT DATE : 8/31/2020 2:46 PM PLOT BY : SCHAUB, ALEX PLOT NAME :

2

GENERAL NOTES

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATION WILL BE DETERMINED BY THE CONTRACTOR'S EROSION CONTROL IMPLEMENTATION PLAN (ECIP) AND APPROVED BY THE ENGINEER IN CONSULTATION WITH THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES. MAINTAIN ALL EROSION CONTROL MEASURES UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGER HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA.

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

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

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE TOPSOILED, FERTILIZED, AND SEEDED OR SODDED AS DIRECTED BY THE ENGINEER.

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

THE LOCATION AND WIDTH OF DRIVEWAYS WILL BE DETERMINED BY THE ENGINEER.

RADIUS DIMENSIONS FOR THE CURB AND GUTTER ARE TO THE FLANGE LINE UNLESS OTHERWISE NOTED.

STORM SEWER PIPE ELEVATIONS, LENGTH, AND LOCATIONS AS SHOWN ON PLANS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

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

HMA PAVEMENT WEIGHT CALCULATIONS ARE BASED ON 112 LB/SY/IN.

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAYS AT ALL TIMES EXCEPT WHEN PIPE LAYING OPERATIONS REQUIRE THE DRIVEWAY TO BE CLOSED. ACCESS TO DRIVEWAY SHALL BE RE-ESTABLISHED IMMEDIATELY AFTER PIPE IN DRIVEWAY AREA IS INSTALLED. ACCESS SHALL BE PROVIDED DURING ALL NON-WORKING HOURS.

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
CONSTRUCTION DETAILS
REMOVAL DETAILS
PLAN DETAILS
PAVEMENT GRADES
EROSION CONTROL
STORM SEWER
PERMANENT SIGNING
LIGHTING PLAN
PAVEMENT MARKINGS
STAGE CONSTRUCTIONS
ALIGNMENT DETAILS

ALIGNMENT IDENTIFIER

ENB	EXISTING USH 51 NORTHBOUND
ESB	EXISTING USH 51 SOUTHBOUND
ERD	EXISTING ROBY ROAD/DEER POINT DRIVE
EB	PROPOSED ROBY ROAD/DEER POINT DRIVE EASTBOUND
NB	PROPOSED USH 51 NORTHBOUND
RBT	PROPOSED ROBY ROAD/DEER POINT DRIVE ROUNDABOUT
SB	PROPOSED USH 51 SOUTHBOUND
WB	PROPOSED ROBY ROAD/DEER POINT DRIVE WESTBOUND

WISCONSIN DEPARTMENT OF NATURAL RESOURCES CONTACT

ERIC HEGGELUND
ENVIRONMENTAL ANALYSIS & REVIEW SPECIALIST
WISDNR-SOUTH CENTRAL REGION HEADQUARTERS
2911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
PH: 608-275-3301
ERIC.HEGGELUND@WISCONSIN.GOV

WISCONSIN DEPARTMENT OF TRANSPORTATION CONTACT

ALEX J. HAGEN, P.E.
PROJECT MANAGER
WISDOT SOUTHWEST REGION
2101 WRIGHT STREET
MADISON, WI 53704
PH: 608-516-6501
ALEX.HAGEN@DOT.WI.GOV

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

CAROL ANASON
AT&T WISCONSIN - COMMUNICATION LINE
316 W WASHINGTON AVE
MADISON, WI 53701
(608) 252-2385
CA2624@ATT.COM

MICHAEL BROLIN
ALLIANT ENERGY - GAS/PETROLEUM
4902 NORTH BILTMORE LN
MADISON, WI 53713
(608) 458-4871
MICHAELBROLIN@ALLIANTENERGY.COM

SEAN GRADY
CITY OF STOUGHTON UTILITIES - ELECTRICITY
600 S 4TH ST
P.O. BOX 383
STOUGHTON, WI 53589-0383
(608) 873-3379
SOGRADY@STOUGHTONUTILITIES.COM

SEAN GRADY
CITY OF STOUGHTON UTILITIES - WATER
600 S 4TH ST
P.O. BOX 383
STOUGHTON, WI 53589-0383
(608) 873-3379
SOGRADY@STOUGHTONUTILITIES.COM

JERRY MYERS
TDS METROCOM LLC - COMMUNICATION LINE
525 JUNCTION RD
MADISON, WI 53717
(608) 664-4404
JERRY.MYERS@TDSTELECOM.COM
TDS CURRENTLY HAS NO FACILITIES, BUT PLANS TO ADD SOME.

LUKAS LACROSSE
CHARTER COMMUNICATIONS - COMMUNICATION LINE
2701 DANIELS ST.
MADISON, WI 53718
(608) 709-1562 X41562
LUKAS.LACROSSE@CHARTER.COM

SEAN GRADY
CITY OF STOUGHTON UTILITIES - SEWER
600 S 4TH ST
P.O. BOX 383
STOUGHTON, WI 53589-0383
(608) 873-3379
SOGRADY@STOUGHTONUTILITIES.COM

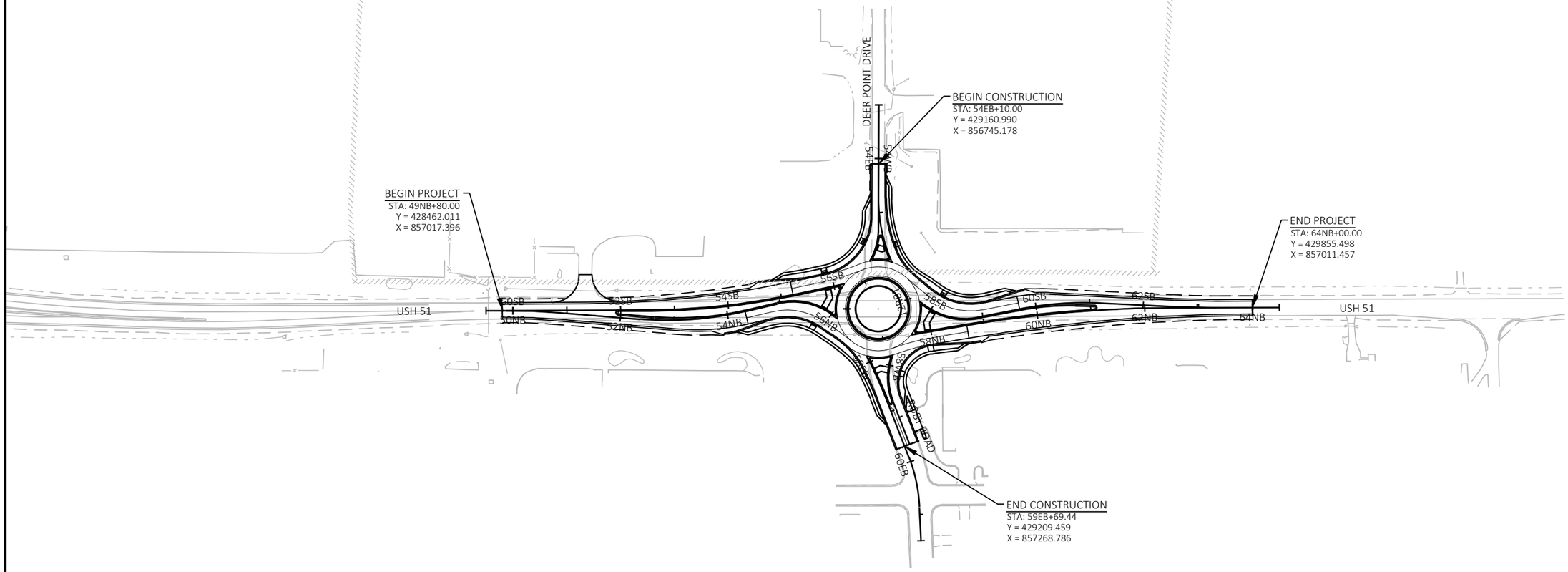
WESLEY PECK
BEAR COMMUNICATIONS
5119 TERMINAL DRIVE
MCFARLAND, WI 53558
(608) 209-7442
WPECK@BEARCOMMUNICATIONS.NET

2

CITY OF STOUGHTON

TOWN OF RUTLAND

CITY OF STOUGHTON

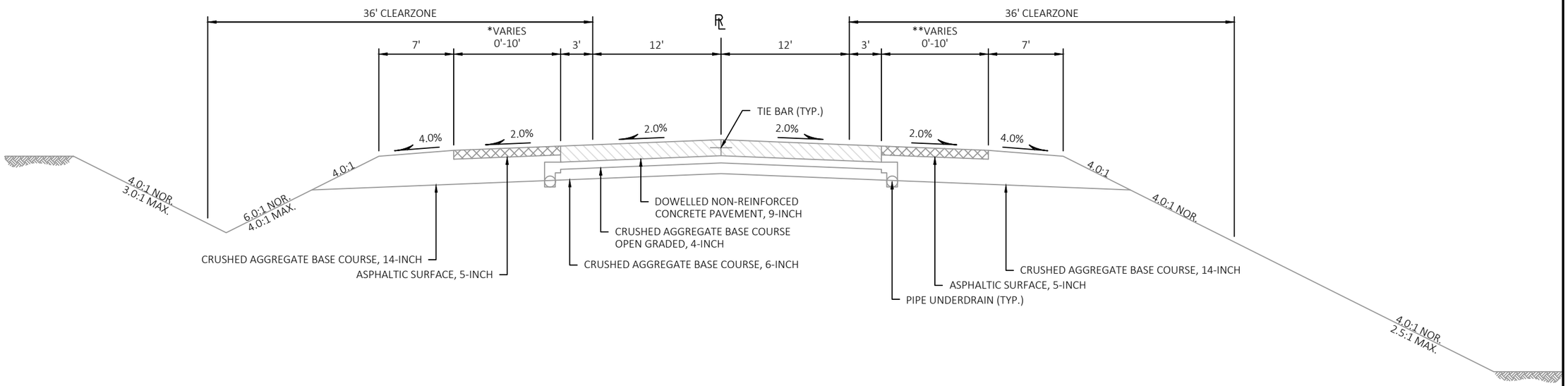


CITY OF STOUGHTON

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PROJECT OVERVIEW	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\020200_PO.DWG
LAYOUT NAME - 020201_po

PLOT DATE : 8/31/2020 2:46 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : Custom



*
STA 52NB+84 TO STA 56NB+00 TAPER 0' TO 10'
STA 56NB+00 TO STA 58NB+41 10'
STA 58NB+41 TO STA 60NB+26 TAPER 10' TO 0'

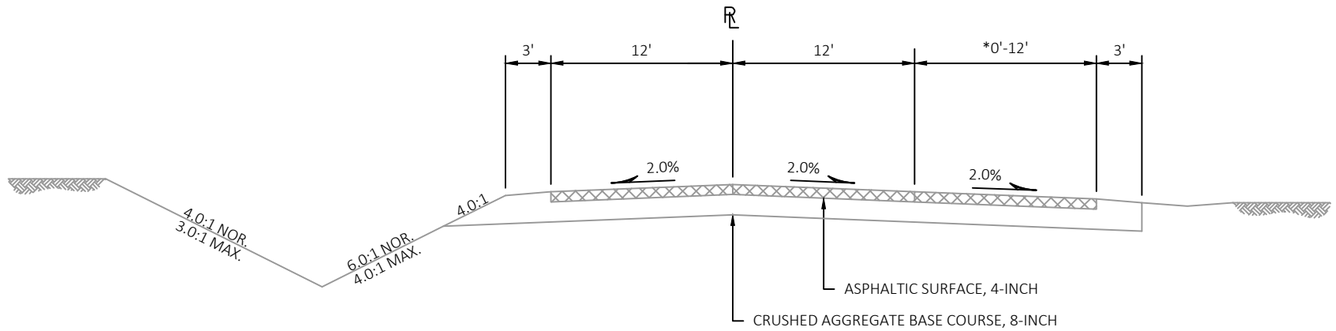
**
STA 51NB+10 TO STA 52NB+81 TAPER 0' TO 10'
STA 52NB+81 TO STA 57NB+78 10'
STA 57NB+78 TO STA 60NB+25 TAPER 10' TO 0'

EXISTING TYPICAL SECTION USH 51

STA 49NB+80.00 TO STA 64NB+00.00

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E

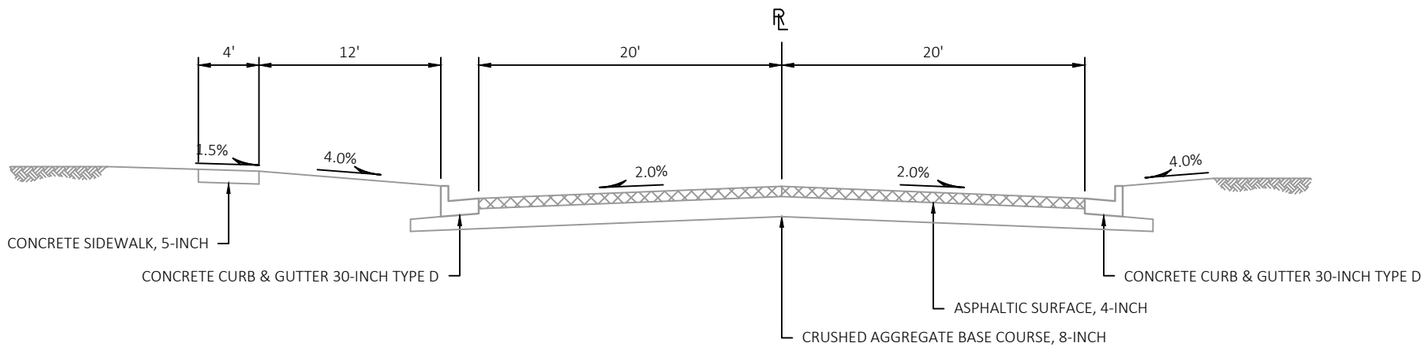
2



EXISTING TYPICAL SECTION DEER POINT DRIVE

STA 54EB+10.00 TO STA 56EB+53.50

*
STA 55EB+11 TO STA 55EB+46 TAPER 0' TO 12'
STA 55EB+46 TO STA 56EB+37 12'

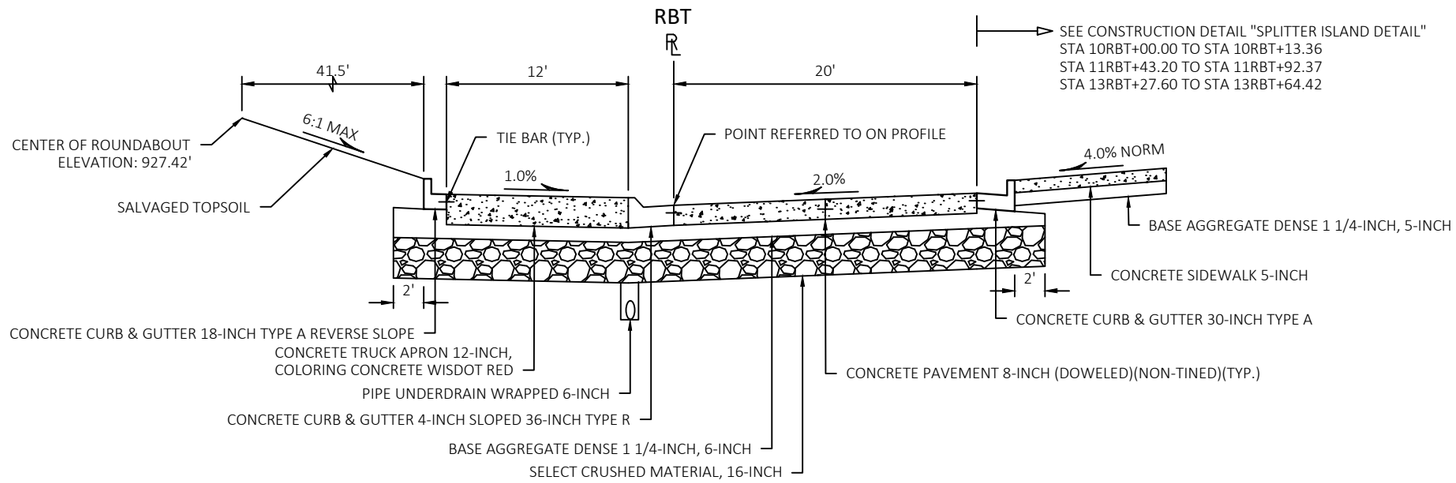


EXISTING TYPICAL SECTION ROBY ROAD

STA 57EB+03.50 TO STA 59EB+70.00

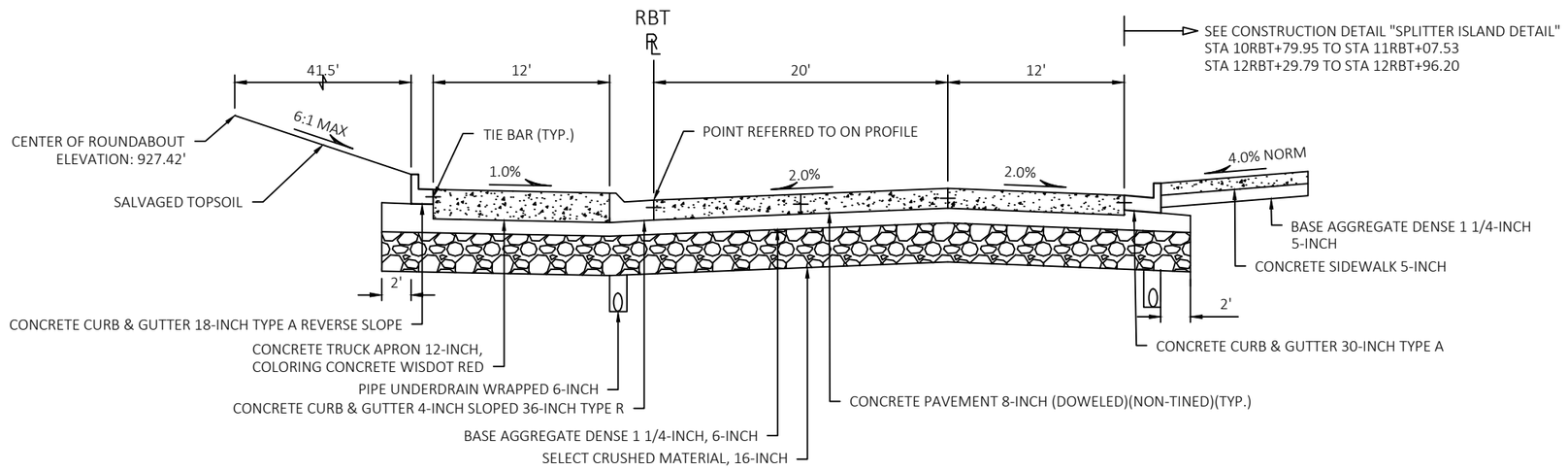
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E

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PLOT DATE : 8/31/2020 2:46 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROPOSED TYPICAL SECTION: ROBY ROAD/DEER POINT DRIVE ROUNDABOUT (RBT)

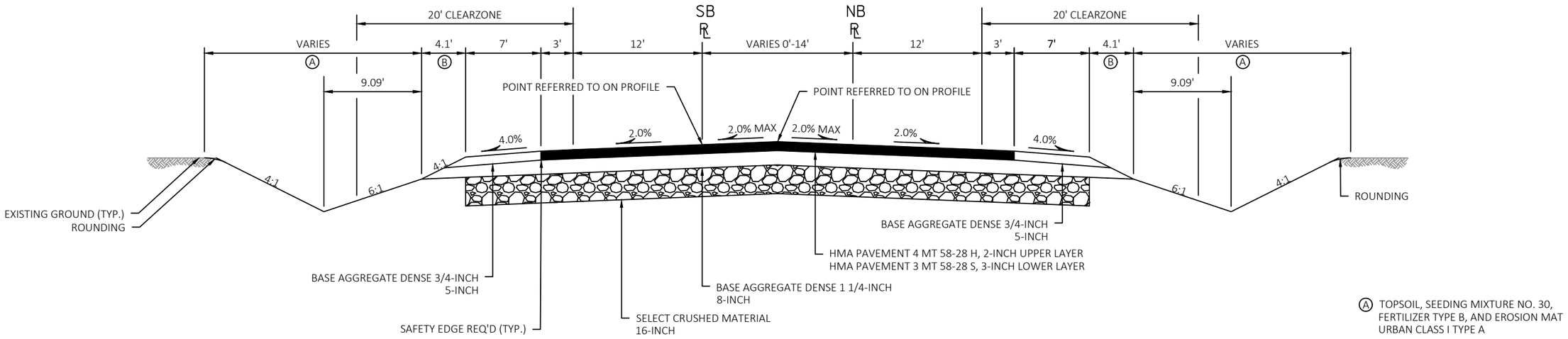
STA 10RBT+00.00 TO STA 10RBT+50.78
STA 11RBT+11.80 TO STA 12RBT+29.79
STA 12RBT+96.20 TO STA 13RBT+64.42



PROPOSED TYPICAL SECTION: ROBY ROAD/DEER POINT DRIVE ROUNDABOUT (RBT)

STA 10RBT+50.78 TO STA 11RBT+11.80
STA 12RBT+29.79 TO STA 12RBT+96.20

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET	E



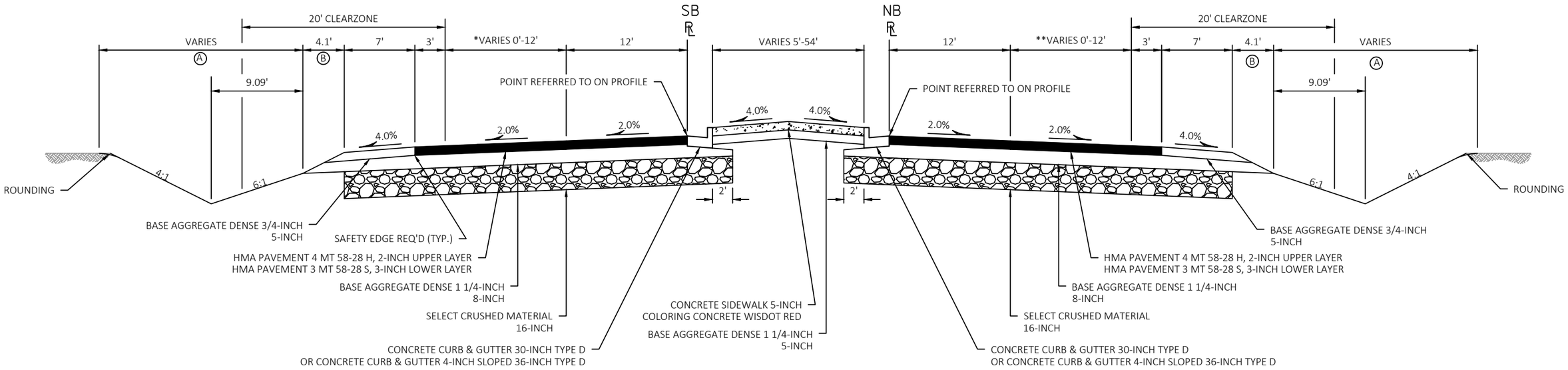
Ⓐ TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS I TYPE A

Ⓑ SEEDING MIXTURE NO. 30 FERTILIZER TYPE B

PROPOSED TYPICAL SECTION: USH 51

STA 49SB+87.19 TO STA 51SB+95.63
STA 61SB+08.77 TO STA 63SB+35.83

STA 49NB+80.00 TO STA 51NB+95.40
STA 61NB+06.02 TO STA 64NB+00.00



*
STA 51SB+37.53 TO STA 55SB+22.10 TAPER 0' TO 12'
STA 59SB+69.36 TO STA 61SB+21.83 TAPER 12' TO 0'

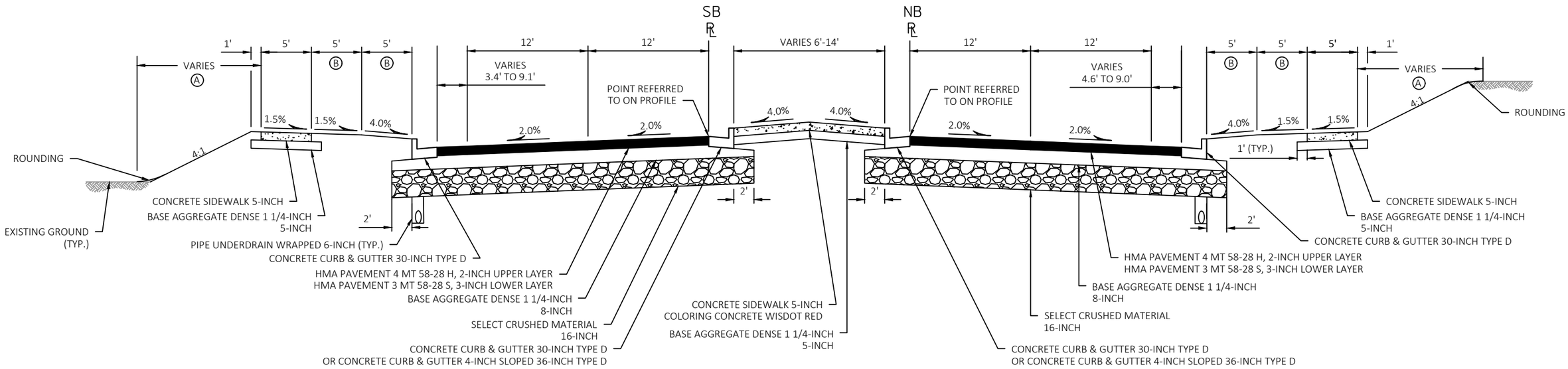
PROPOSED TYPICAL SECTION: USH 51

STA 51SB+95.63 TO STA 54SB+64.83
STA 59SB+83.96 TO STA 61SB+08.77

STA 51NB+95.40 TO STA 53NB+87.85
STA 58NB+89.13 TO STA 61NB+06.02

**
STA 52NB+37.39 TO STA 54NB+33.45 TAPER 0' TO 12'
STA 58NB+67.67 TO STA 63NB+90.45 TAPER 12' TO 0'

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET	E

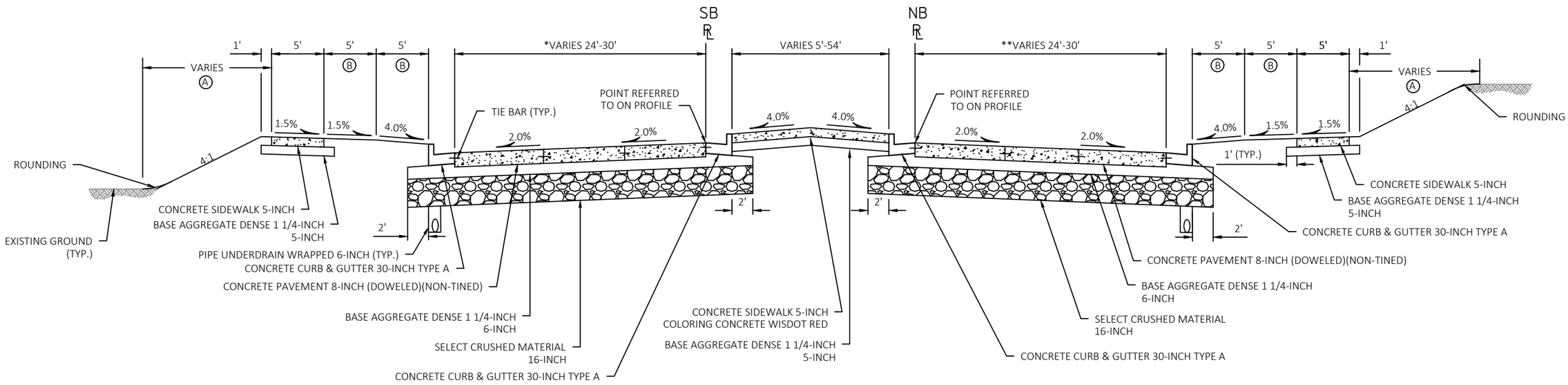


PROPOSED TYPICAL SECTION: USH 51

STA 54SB+64.83 TO STA 55SB+22.08 STA 53NB+87.85 TO STA 54NB+33.42
STA 59SB+69.37 TO STA 59SB+83.96 STA 58NB+69.10 TO STA 58NB+89.13

Ⓐ TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS I TYPE A

Ⓑ TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B



PROPOSED TYPICAL SECTION: USH 51

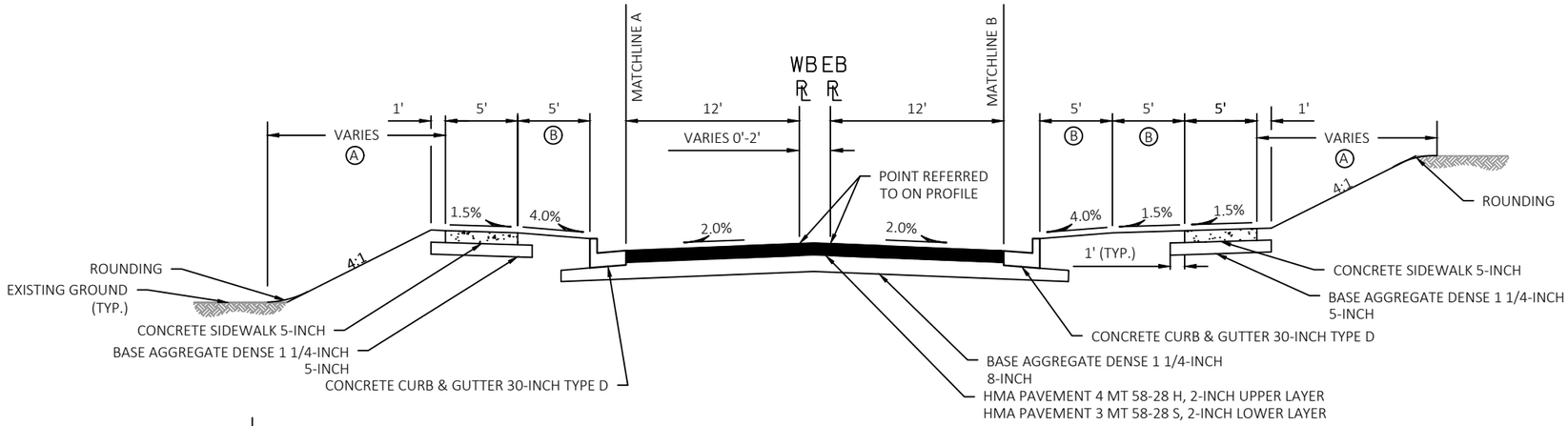
*
STA 55SB+88.20 TO STA 56SB+19.57 TAPER 24' TO 25'
STA 57SB+74.15 TO STA 59SB+03.61 TAPER 30' TO 24'

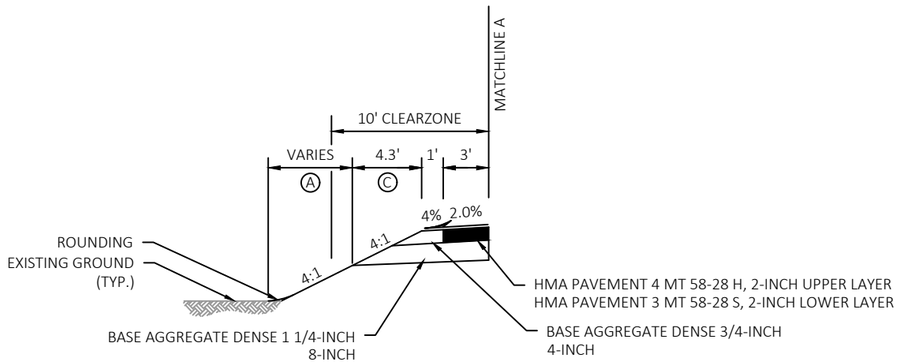
STA 55SB+22.08 TO STA 56SB+19.57 STA 54NB+33.42 TO STA 56NB+13.35
STA 57SB+74.15 TO STA 59SB+69.37 STA 57NB+62.90 TO STA 58NB+69.10

**
STA 54NB+81.36 TO STA 56NB+13.35 TAPER 24' TO 30'
STA 57NB+62.90 TO STA 57NB+94.22 TAPER 25' TO 24'

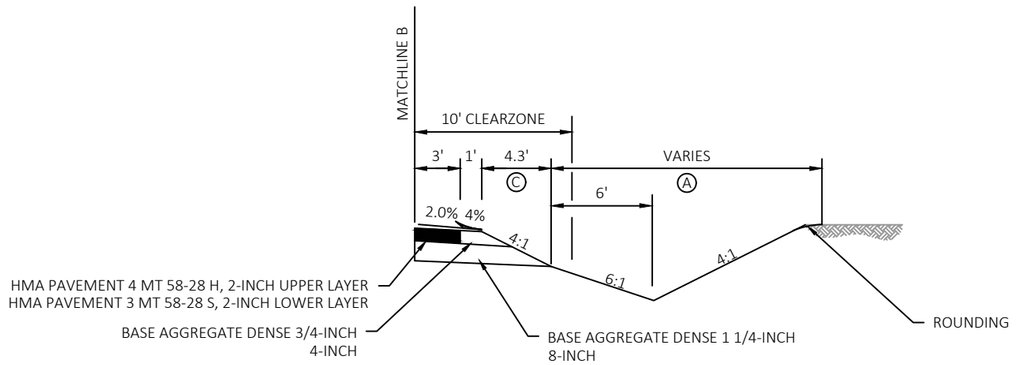
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\020300_TS.DWG
LAYOUT NAME - 020308_ts
PLOT DATE : 8/31/2020 2:47 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT





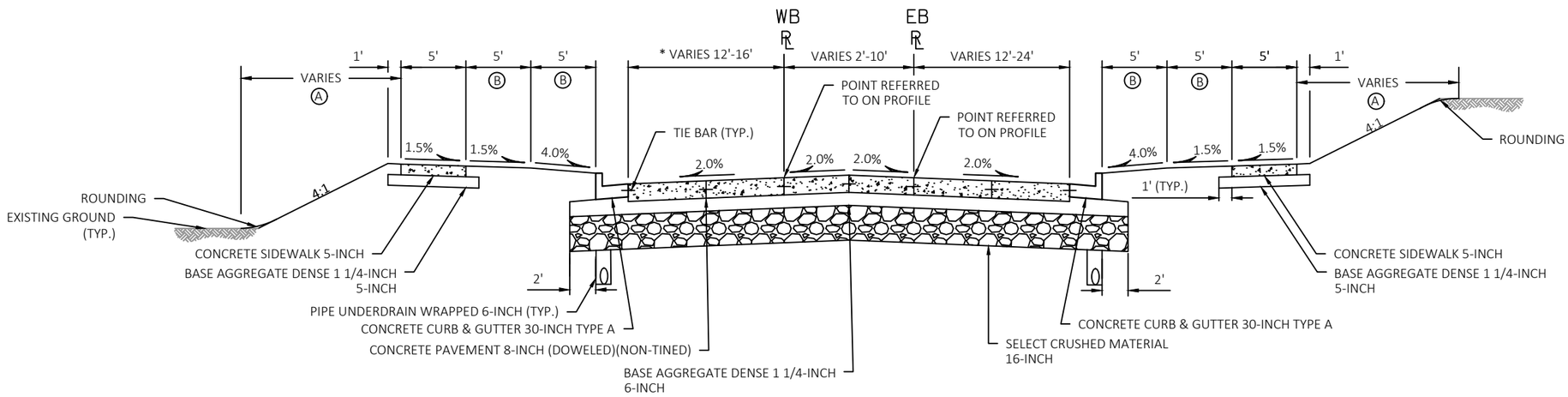
STA 54WB+10.00 TO STA 54WB+30.231



STA 54EB+10.00 TO STA 54EB+64.39

PROPOSED TYPICAL SECTION: ROBY ROAD/DEER POINT DRIVE

STA 54WB+10.00 TO STA 55WB+07.91 STA 54EB+10.00 TO STA 55EB+08.06



PROPOSED TYPICAL SECTION: ROBY ROAD/DEER POINT DRIVE

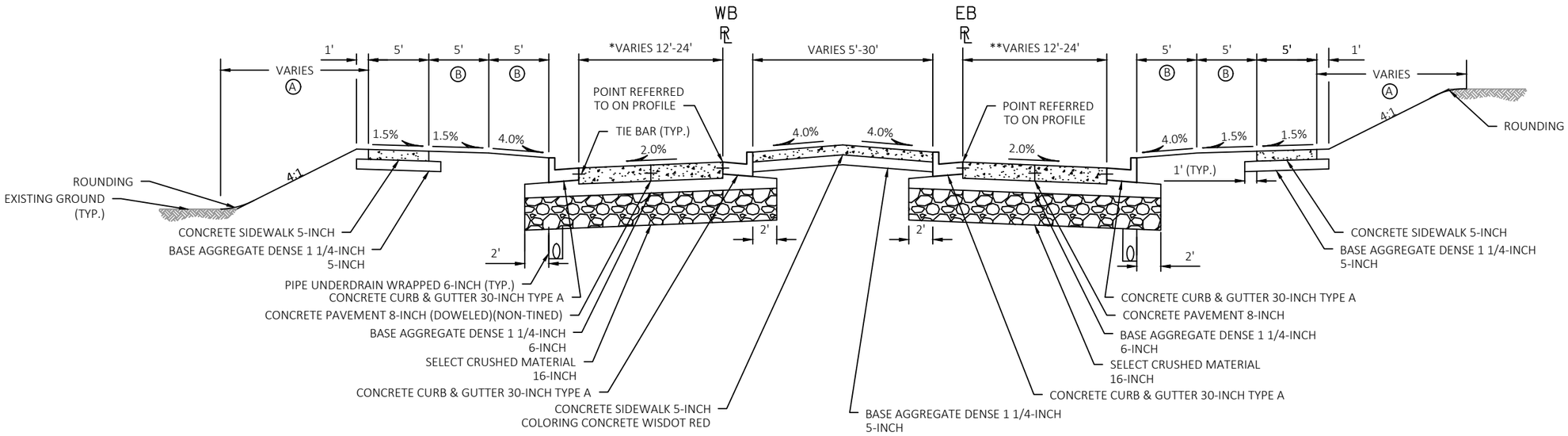
STA 55WB+07.91 TO STA 55WB+41.99 STA 55EB+08.06 TO STA 55EB+41.89

(A) TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS I TYPE A

(B) TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B

(C) SEEDING MIXTURE NO. 30, FERTILIZER TYPE B

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET	E



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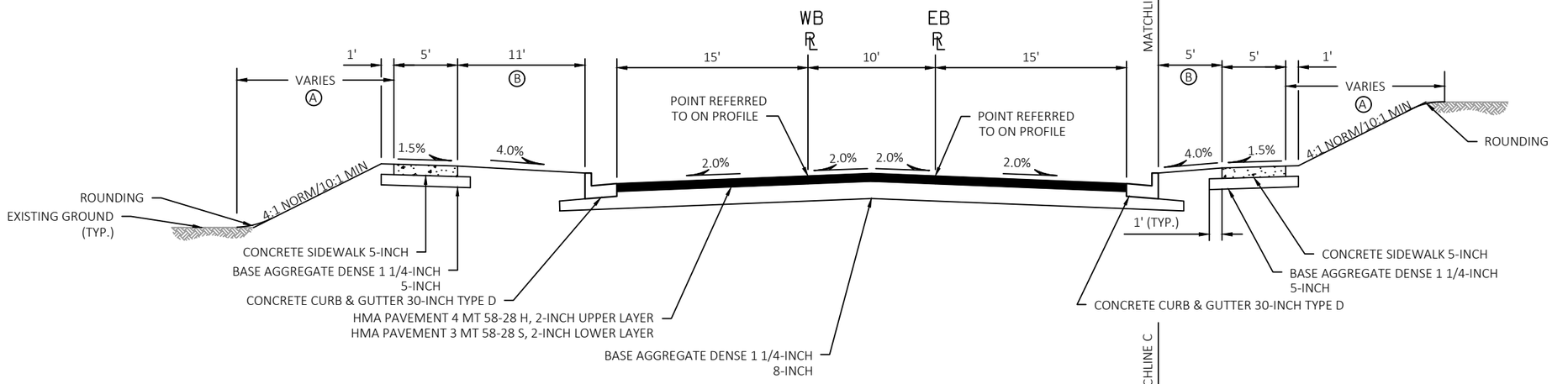
STA 55WB+46.12 TO STA 55WB+95.53 TAPER 12' TO 16'
STA 57WB+81.48 TO STA 58WB+27.43 TAPER 24' TO 15'

PROPOSED TYPICAL SECTION: ROBY ROAD/DEER POINT DRIVE

STA 55WB+41.99 TO STA 55WB+95.53 STA 55EB+41.89 TO STA 55EB+92.67
STA 57WB+76.38 TO STA 58WB+73.53 STA 57EB+87.35 TO STA 58EB+89.24

**

STA 55EB+46.02 TO STA 55EB+92.69 TAPER 12' TO 24'
STA 57EB+90.44 TO STA 58EB+07.38 TAPER 16' TO 15'

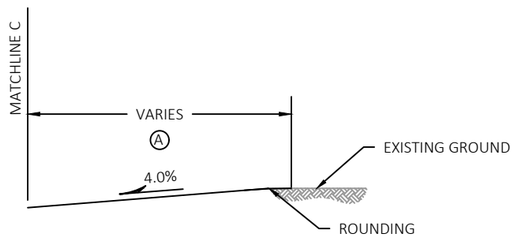


Ⓐ TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS I TYPE A

Ⓑ TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B

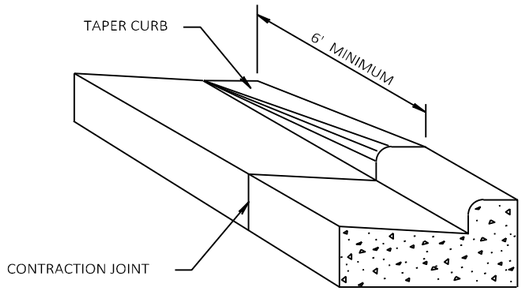
PROPOSED TYPICAL SECTION: ROBY ROAD/DEER POINT DRIVE

STA 58WB+73.53 TO STA 59WB+53.73 STA 58EB+89.24 TO STA 59EB+70.00

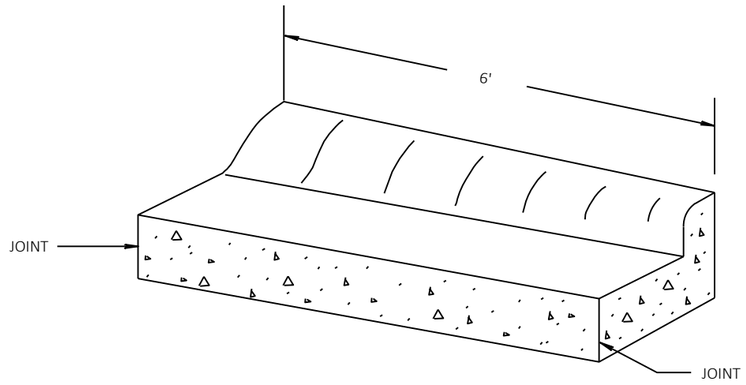


STA 59EB+20.58 TO STA 59EB+70.00

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET	E

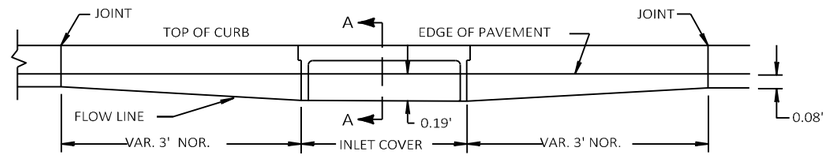


DETAIL OF CURB & GUTTER TERMINI

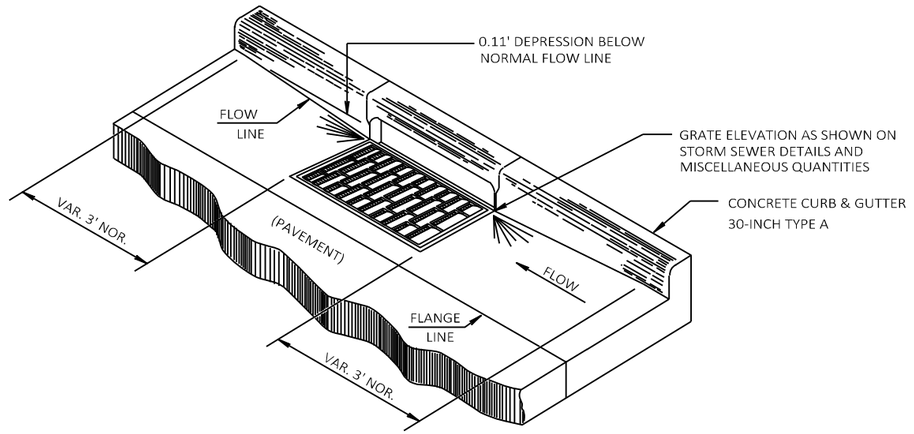


TRANSITION DETAIL

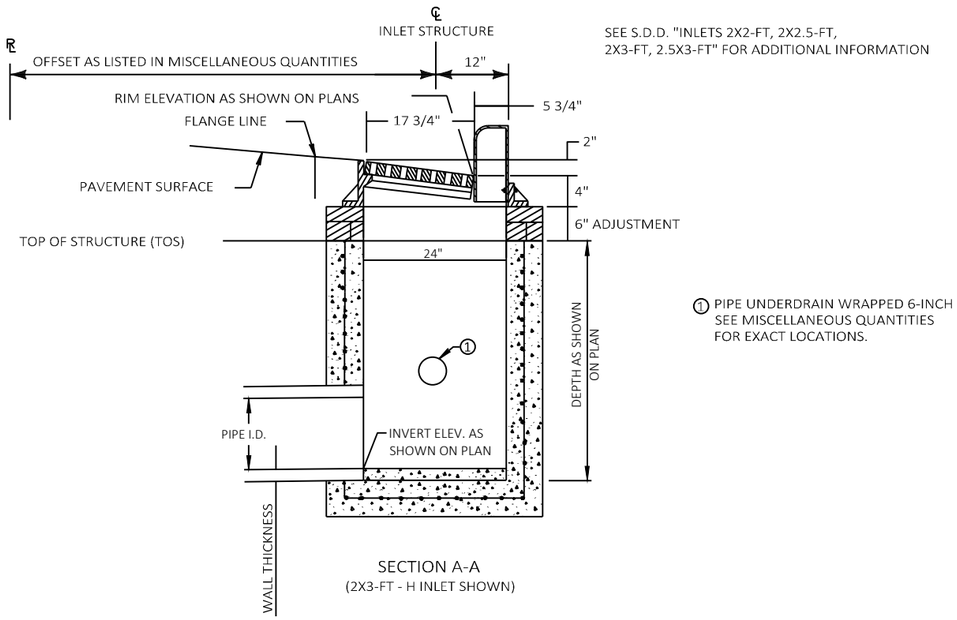
CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D TO CONCRETE CURB & GUTTER 30-INCH TYPE D
(TO BE MEASURED AND PAID FOR AS CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D)



ELEVATION



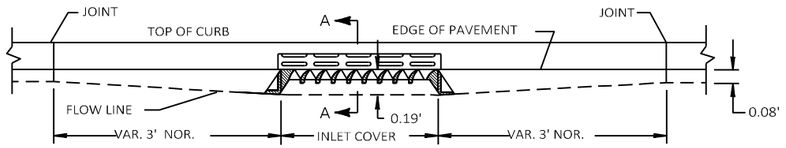
DETAIL FOR CURB AND GUTTER AT INLETS
(2x3-FT - H INLET SHOWN)



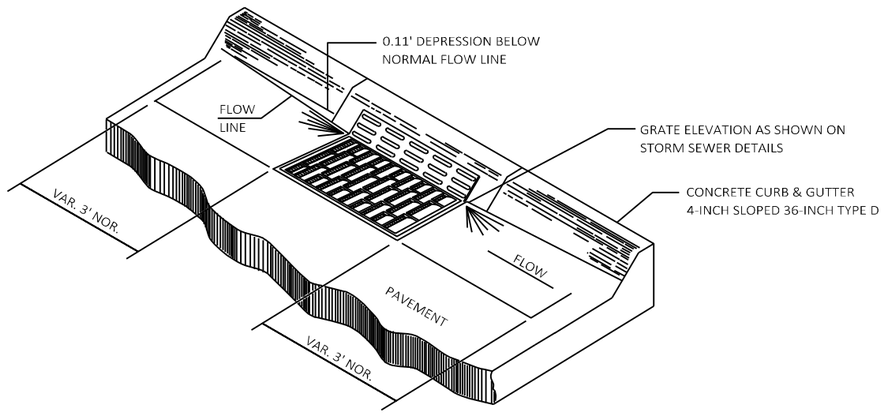
DETAIL FOR CONCRETE CURB AND GUTTER 30-INCH TYPE A AT INLETS

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100_CD.DWG
LAYOUT NAME - 021101_cd
PLOT DATE : 8/31/2020 2:47 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

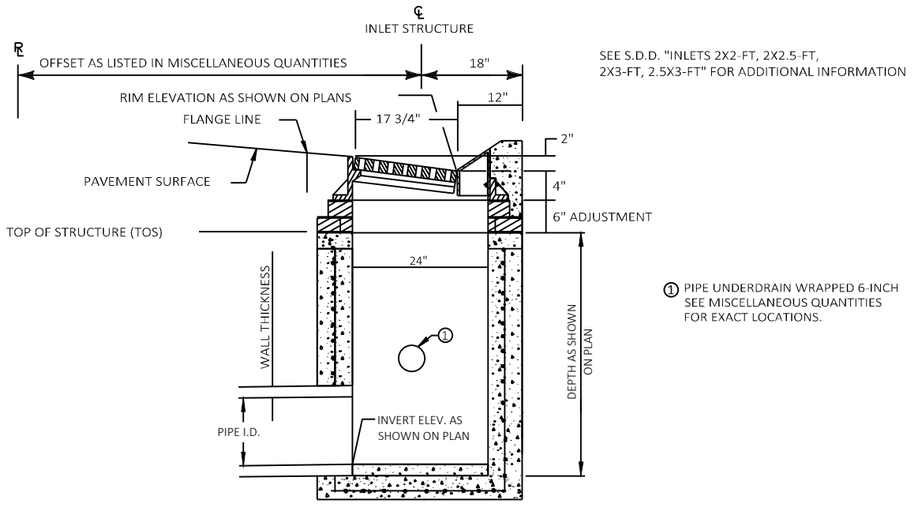


ELEVATION



DETAIL FOR CURB AND GUTTER AT INLETS

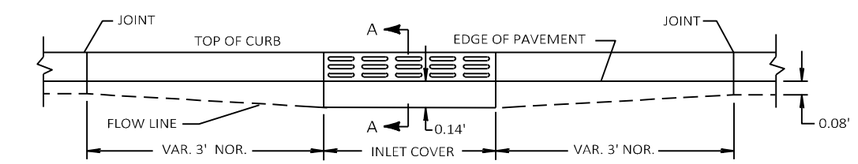
(2x3-FT - HM INLET SHOWN)



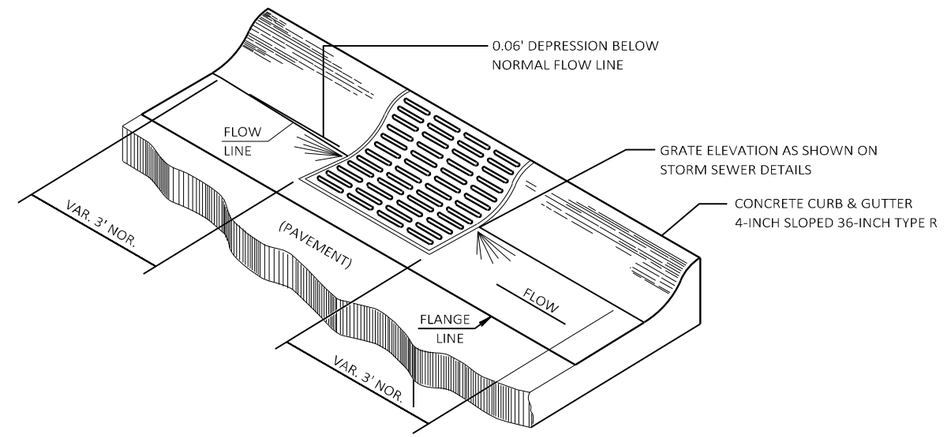
SECTION A-A

(2X3-FT - HM INLET SHOWN)

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

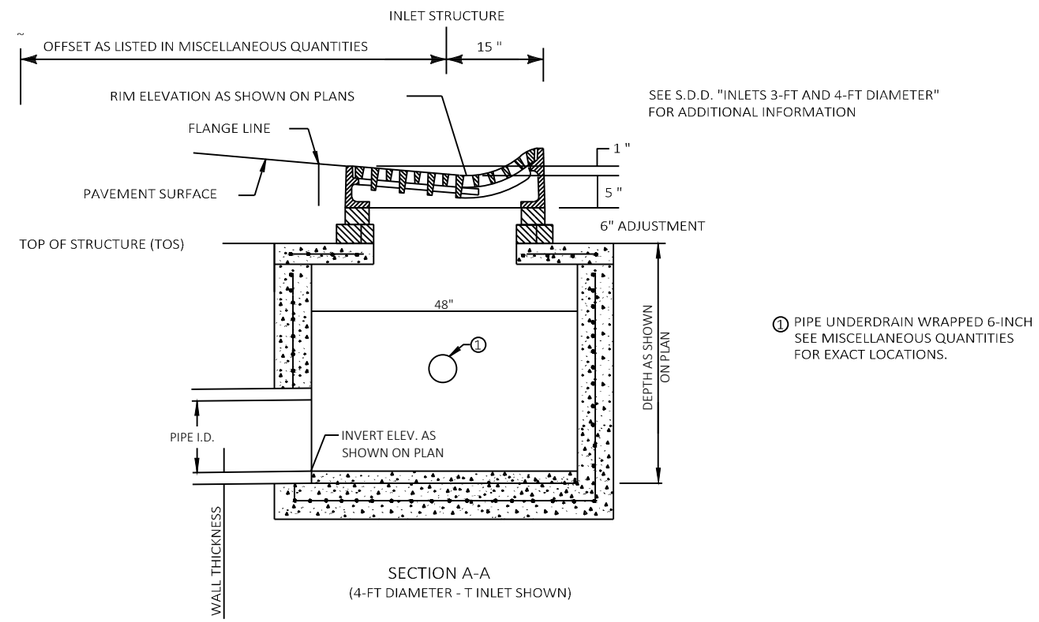


ELEVATION



DETAIL FOR CURB AND GUTTER AT INLETS

(2x3-FT - T INLET SHOWN)

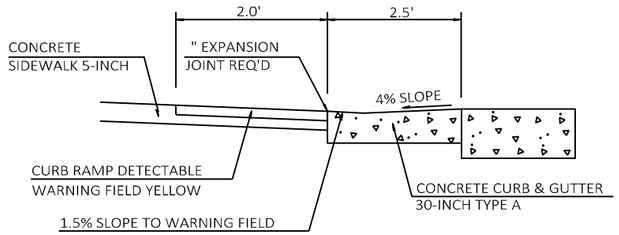


SECTION A-A

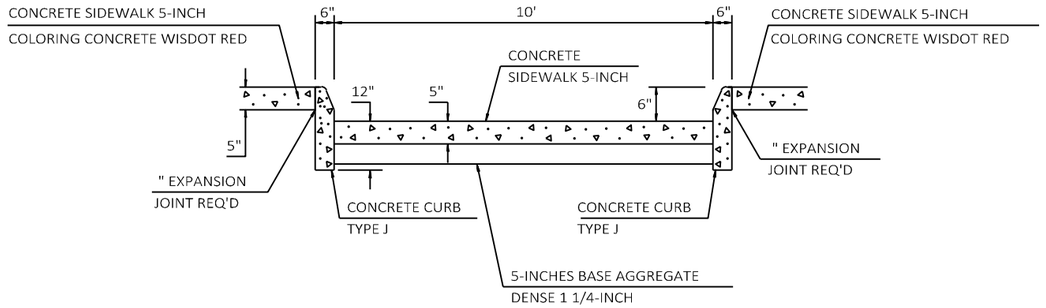
(4-FT DIAMETER - T INLET SHOWN)

DETAIL FOR CONCRETE CURB AND GUTTER 36-INCH TYPE R AT INLETS

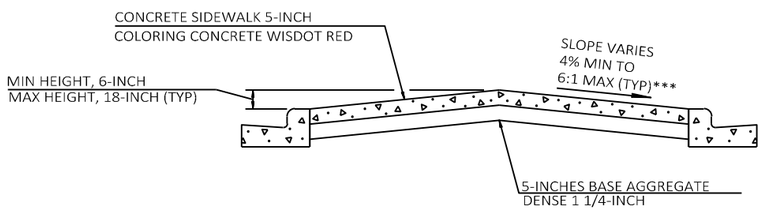
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



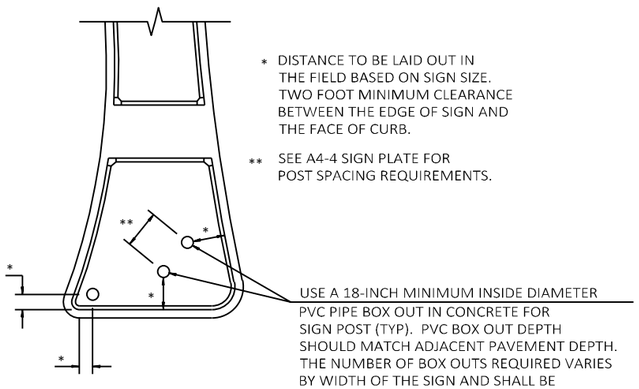
SECTION A-A



SECTION B-B



SECTION C-C

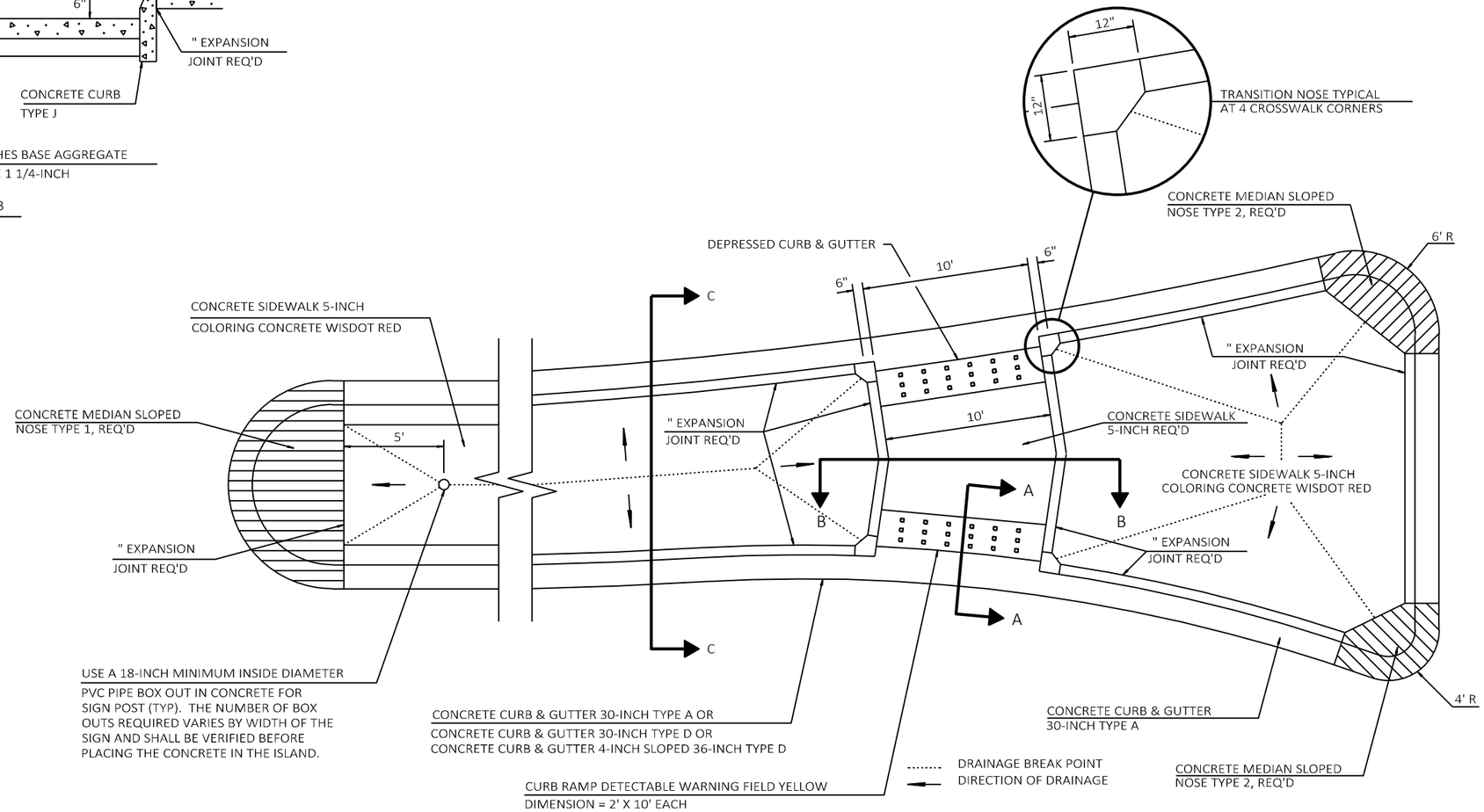


* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND THE FACE OF CURB.

** SEE A4-4 SIGN PLATE FOR POST SPACING REQUIREMENTS.

USE A 18-INCH MINIMUM INSIDE DIAMETER PVC PIPE BOX OUT IN CONCRETE FOR SIGN POST (TYP). PVC BOX OUT DEPTH SHOULD MATCH ADJACENT PAVEMENT DEPTH. THE NUMBER OF BOX OUTS REQUIRED VARIES BY WIDTH OF THE SIGN AND SHALL BE VERIFIED BEFORE PLACING THE CONCRETE IN THE ISLAND. GRAVEL BACKFILL IS INCIDENTAL TO POSTS WOOD BID ITEM.

CENTER AND SPLITTER ISLAND SIGN LOCATION DETAIL (TYP)

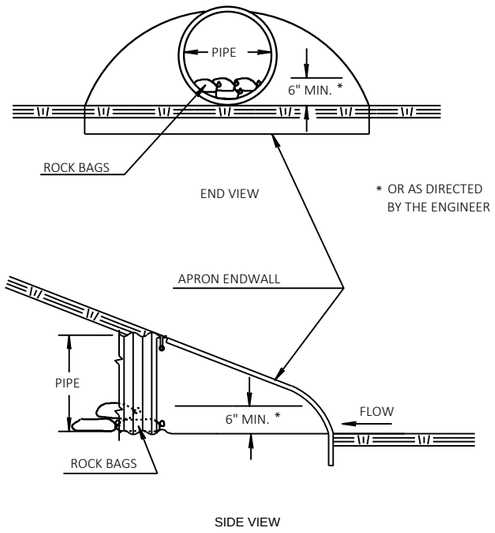


SPLITTER ISLAND DETAIL

SEE CURB RAMP DETAILS FOR ADDITIONAL LAYOUT INFORMATION

INSTALL TRANSITION NOSE.
(INCIDENTAL TO OTHER PAY ITEMS.)
DO NOT MARK TRANSITION NOSE.

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



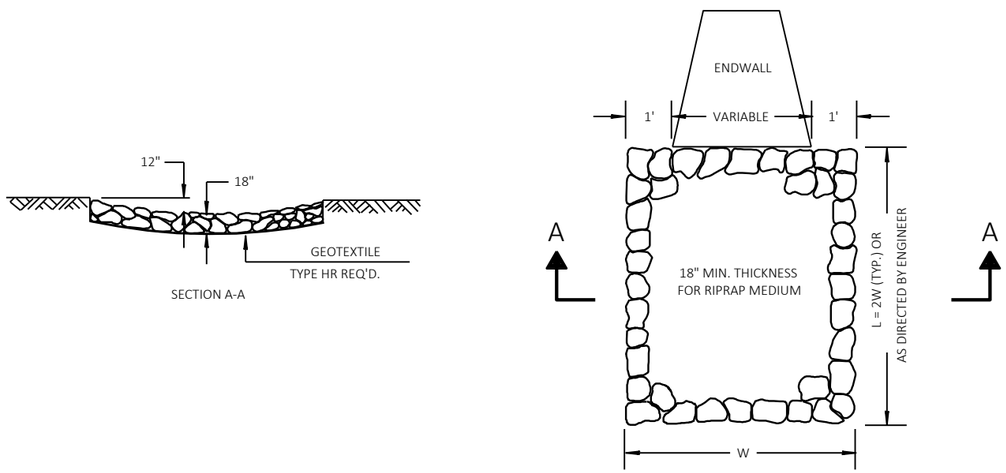
CULVERT PIPE CHECKS

ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NO. OF BAGS
12"	1
15"	2
18"	2
21"	3
14" X 23"	3
24"	3
27"	4
30"	5
19" X 30"	5
36"	7
24" X 38"	8
42"	8
29" X 45"	10
48"	10
34" X 53"	10
38" X 60"	13
60"	13
66"	15
53" X 83"	19

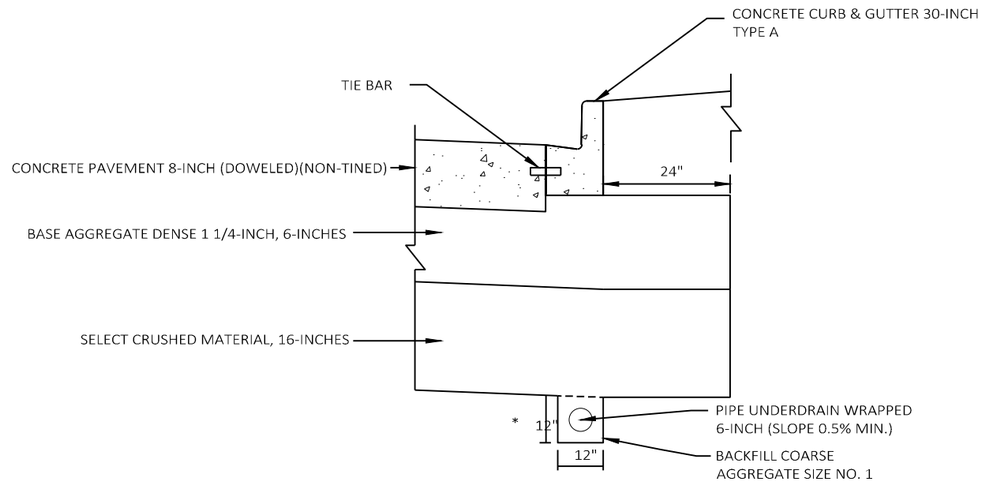
RUNOFF COEFFICIENT TABLE

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

TOTAL PROJECT AREA = _____ ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = _____ACRES



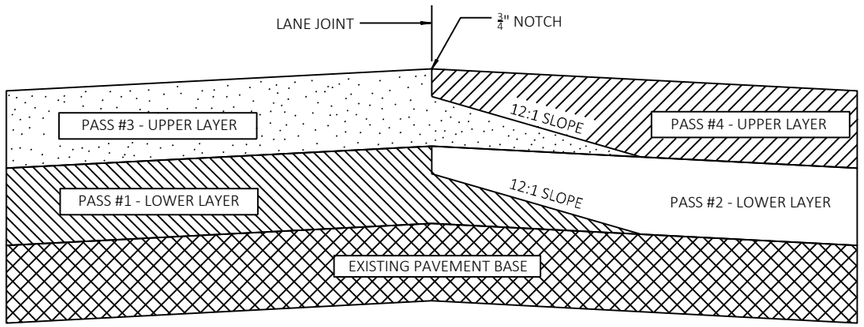
RIPRAP MEDIUM TREATMENT AT CULVERTS



*DEPTH MAY VARY TO MANTAIN 0.5% SLOPE.

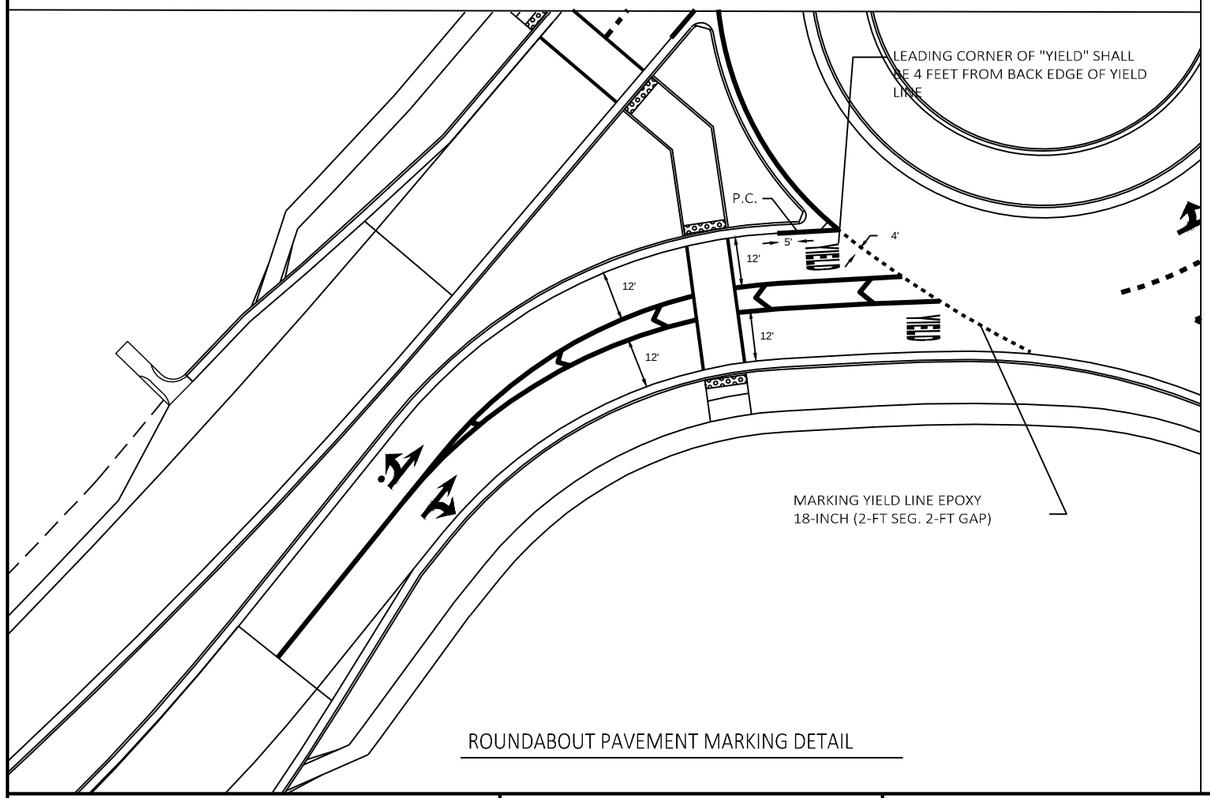
DETAIL FOR PIPE UNDERDRAIN WRAPPED 6-INCH

NOTE: PIPE UNDERDRAIN IS TO BE DISCHARGED INTO THE INLET STRUCTURES.

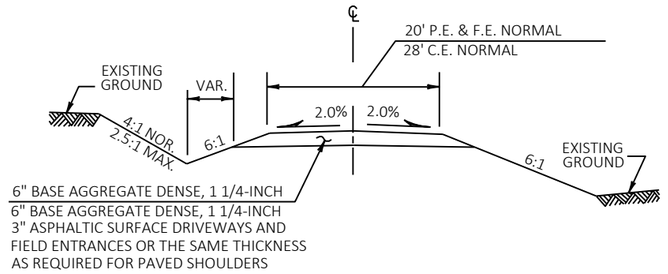


(LOWER AND UPPER LAYERS)

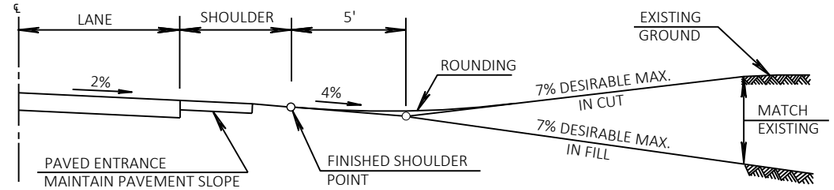
TYPICAL PAVEMENT CROSS SECTIONS OF
TAPERED AND NOTCHED LONGITUDINAL JOINTS



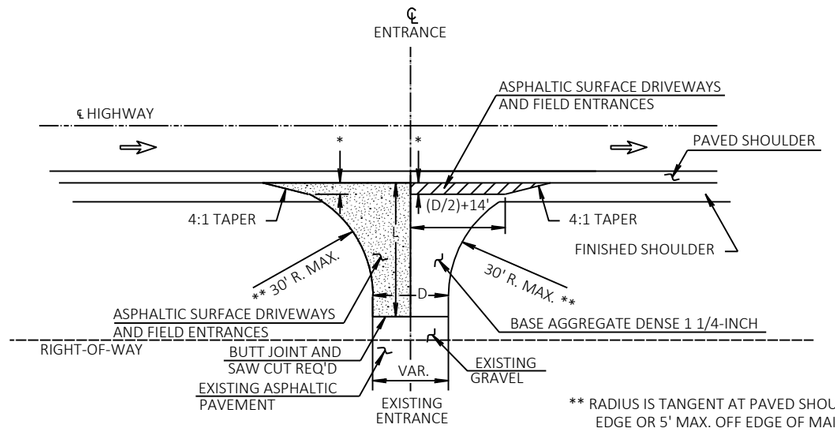
ROUNDABOUT PAVEMENT MARKING DETAIL



TYPICAL CROSS SECTION



PROFILE VIEW



L=VARIABLE, EXACT LENGTH TO BE DETERMINED
IN THE FIELD BY THE ENGINEER.
BLEND BACK ON THE ENTRANCE FAR
ENOUGH TO GET A SMOOTH PROFILE.

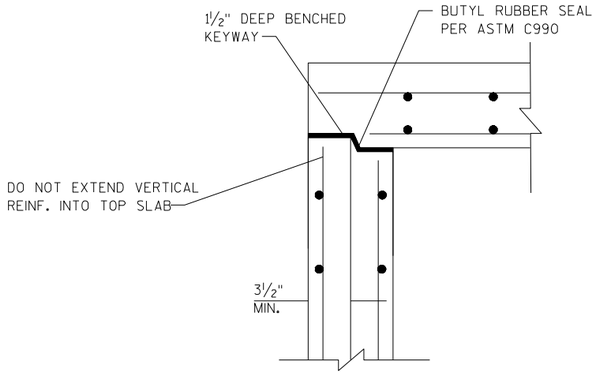
D=DRIVEWAY WIDTH
D=20'TYP.(PE's & FE's) (16'MIN.-24'MAX.)
D=28'TYP.(CE's & FARM ENT.) (24'MIN.-35'MAX.)

** RADIUS IS TANGENT AT PAVED SHOULDER EDGE OR 5' MAX. OFF EDGE OF MAIN LINE PAVEMENT WHICH EVER IS LESS.

* 3' MAX. OR TO FINISHED SHOULDER WHICH EVER IS LESS.

PLAN VIEW

RURAL DRIVEWAY INTERSECTION DETAIL
(PE's, FE's & CE'S)
(FOR NEW CONSTRUCTION)



ALTERNATE CONSTRUCTION JOINT

GENERAL NOTES

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

A PRECAST CONCRETE STRUCTURE MAY BE PROVIDED IN LIEU OF CAST-IN-PLACE CONCRETE STRUCTURE. DETAILS OF PRECAST STRUCTURE SHALL COMPLY WITH STANDARD DETAIL DRAWING "MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER" EXCEPT THAT A MINIMUM 4" OVERHANG IS REQUIRED FOR ALL STRUCTURES WITH INTEGRAL OR MONOLITHIC BASES. PRECAST CONCRETE STRUCTURE WALL AND SLAB THICKNESSES AND REINFORCING SHALL MATCH THAT FOR CAST-IN-PLACE STRUCTURE, AS DETAILED ON THIS DRAWING. ALTERNATIVELY, CONTRACTOR MAY PROVIDE AN ALTERNATE DESIGN, COMPLETE WITH DESIGN CALCULATIONS PREPARED BY AND BEARING THE SEAL OF A STATE OF WISCONSIN LICENSED PROFESSIONAL ENGINEER. ALTERNATE DESIGN WILL BE SUBJECT TO APPROVAL BY ENGINEER.

TOP SLAB MAY BE CAST IN ANOTHER LOCATION ON-SITE OR OFF-SITE ON TOP OF A FORMED SURFACE APPROVED BY ENGINEER, AND THEN LIFTED INTO PLACE ON THE STRUCTURE. USE ALTERNATE CONSTRUCTION JOINT DETAIL FOR THIS OPTION.

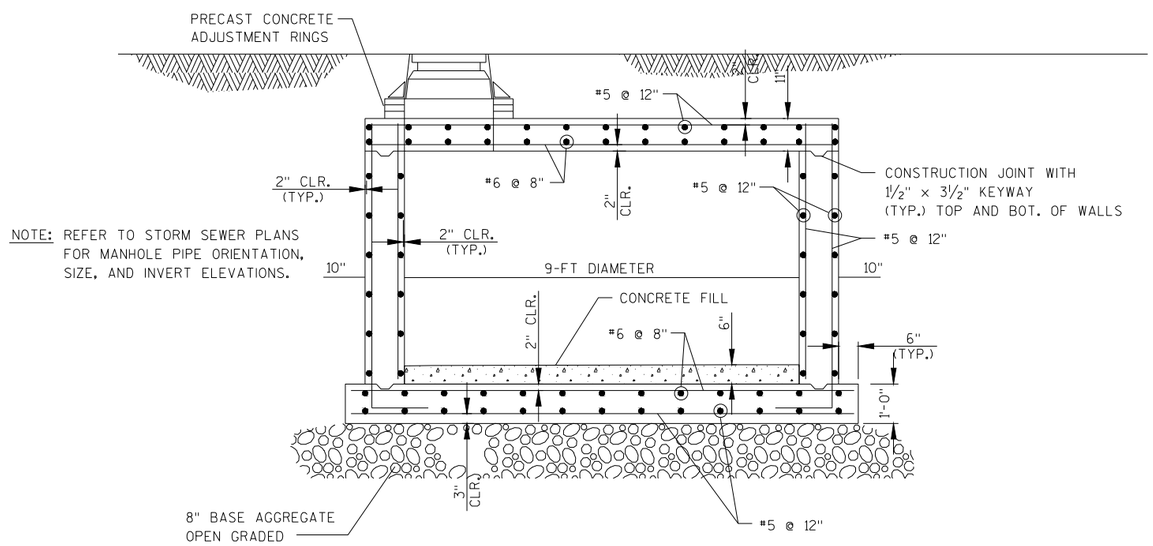
ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

REFER TO STORM SEWER PLANS FOR MANHOLE PIPE ORIENTATION, SIZE, AND INVERT ELEVATIONS.

REFER TO STANDARD DETAIL DRAWING "MANHOLES 3-FT, 4-FT, 5-FT, 6-FT, 7-FT AND 8-FT DIAMETER" FOR ADDITIONAL INFORMATION.

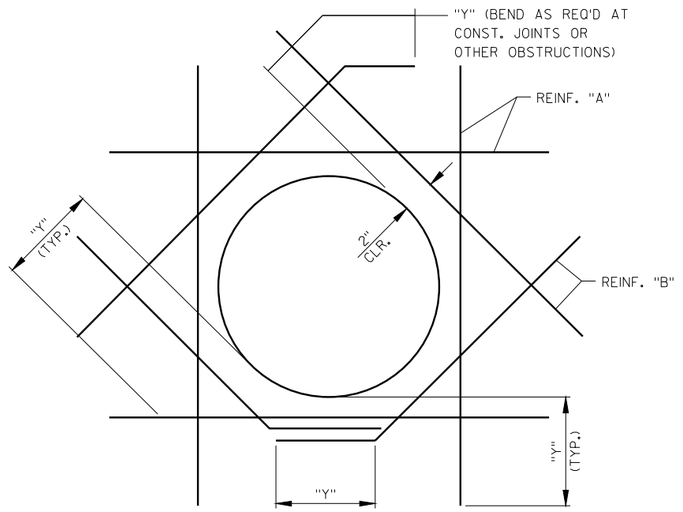
DESIGN DATA:

CONCRETE MASONRY: f'c = 4000 psi
STEEL REINFORCING: Fy = 60 ksi



MANHOLES 9-FT DIAMETER

(NOT TO SCALE)



ADDITIONAL REINFORCEMENT AT CONCRETE OPENINGS

NOTES (SLABS):

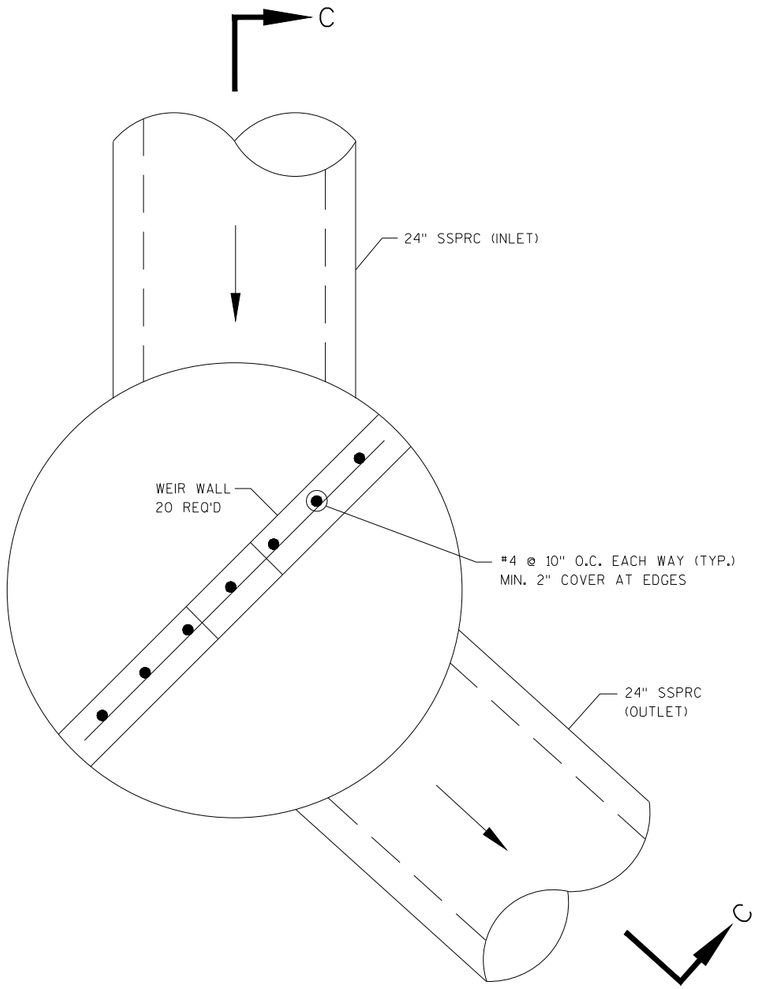
1. MOVE REINF. MAX. OF 2" TO CLEAR OPENING TO AVOID CUTTING REINF. CUT REMAINING BARS THAT PASS THROUGH OPENING.
2. WHERE REINF. MUST BE CUT, ADD REINF. "A" AT LEAST EQUAL IN AREA TO THAT WHICH WAS CUT AND EXTEND BEYOND OPENING DISTANCE "Y".
3. DIAGONAL BARS "B" TO BE PLACED:
   A. AT EACH FACE OF WALL WHERE TWO LAYERS OF REINF. ARE PROVIDED.
   B. AT TOP & BOTTOM OF ALL SLABS.
4. UNLESS OTHERWISE NOTED, SIZE OF REINF. "B" SHALL BE THE SIZE OF THE LARGEST REINF. BAR CUT.
5. Y = CLASS B LAP { #5 BAR = 1'-10" ; #6 BAR = 2'-3" }

NOTES (WALLS):

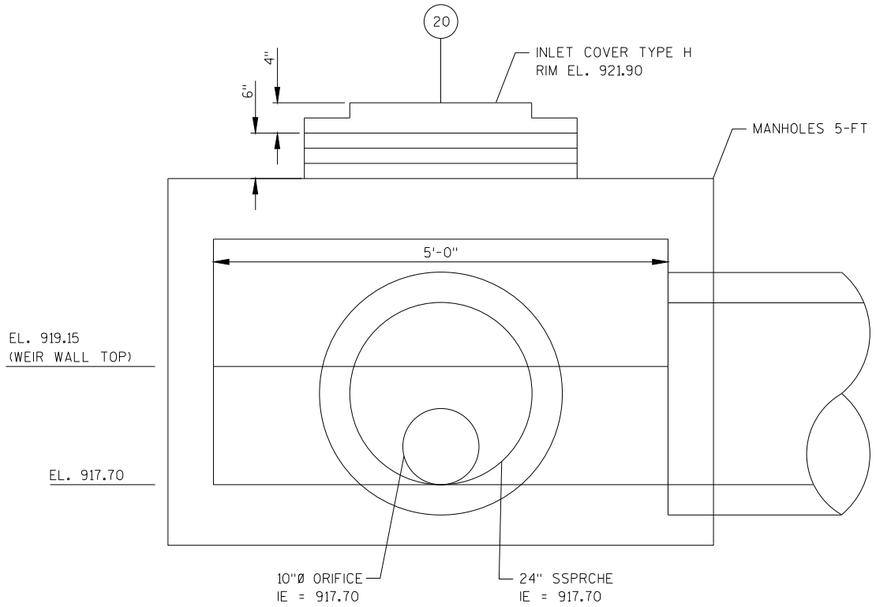
1. MOVE REINF. MAX. OF 2" TO CLEAR OPENING TO AVOID CUTTING REINF. CUT REMAINING BARS THAT PASS THROUGH OPENING.
2. REINF. "A" SHALL BE ONE BAR OF SAME SIZE AS CUT BARS. EXTEND REINF. "A" BEYOND OPENING DISTANCE "Y".
3. ADDITIONAL DIAGONAL REINF. BARS "B" ARE NOT REQUIRED.

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS - MANHOLES 9-FT DIAMETER	SHEET	E

2

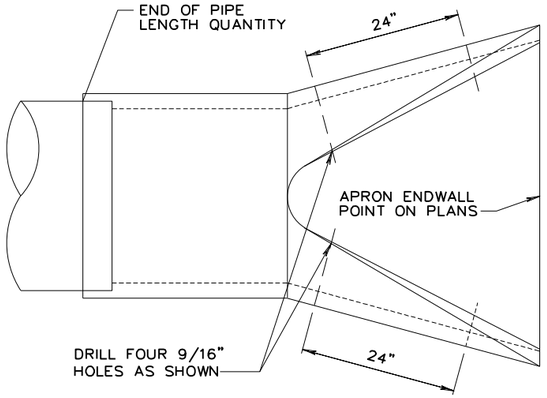


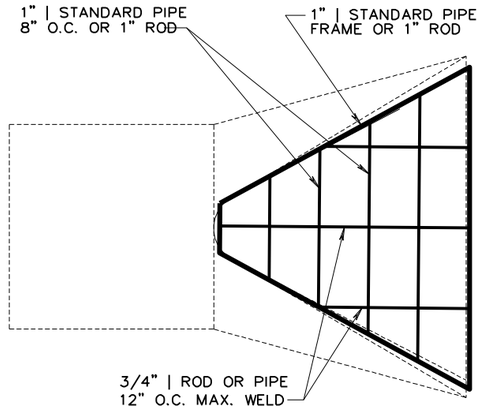
PLAN VIEW



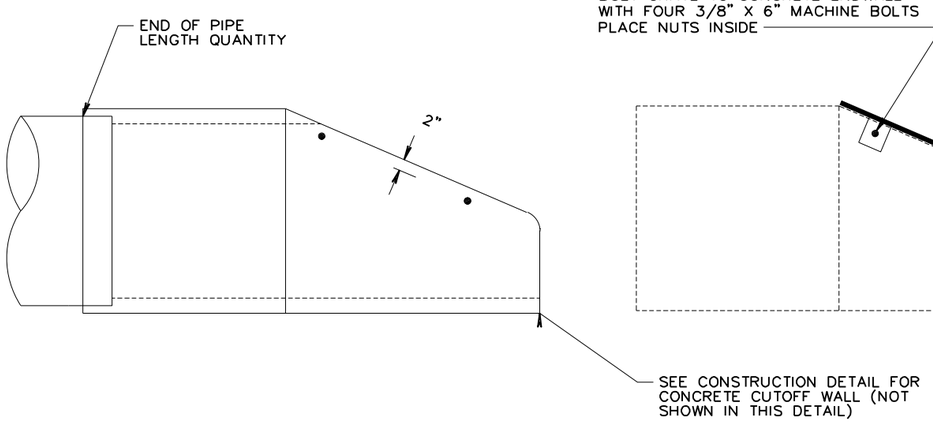
SECTION C-C

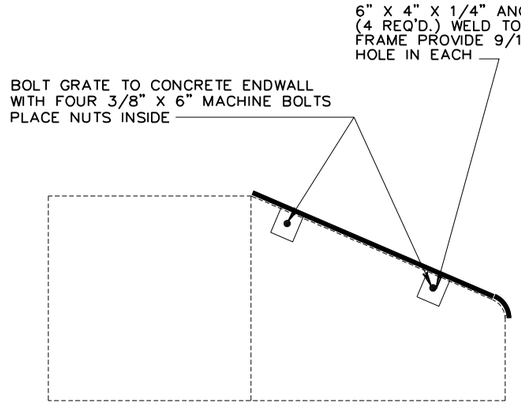
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS - WEIR WALL 20	SHEET	E

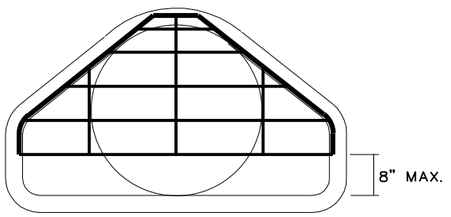




AT EACH PIPE



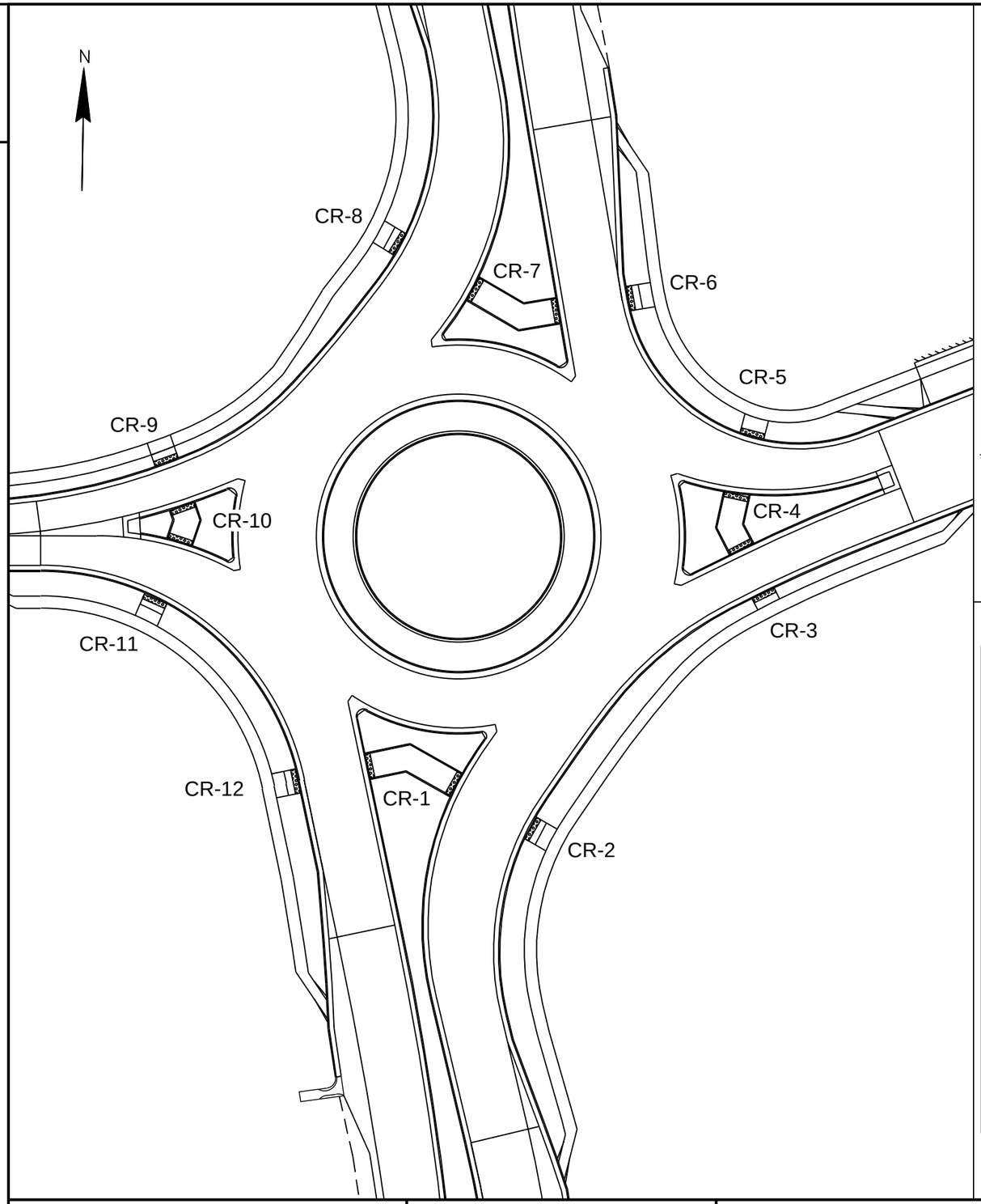




APRON ENDWALL AND PIPE GRATE DETAILS

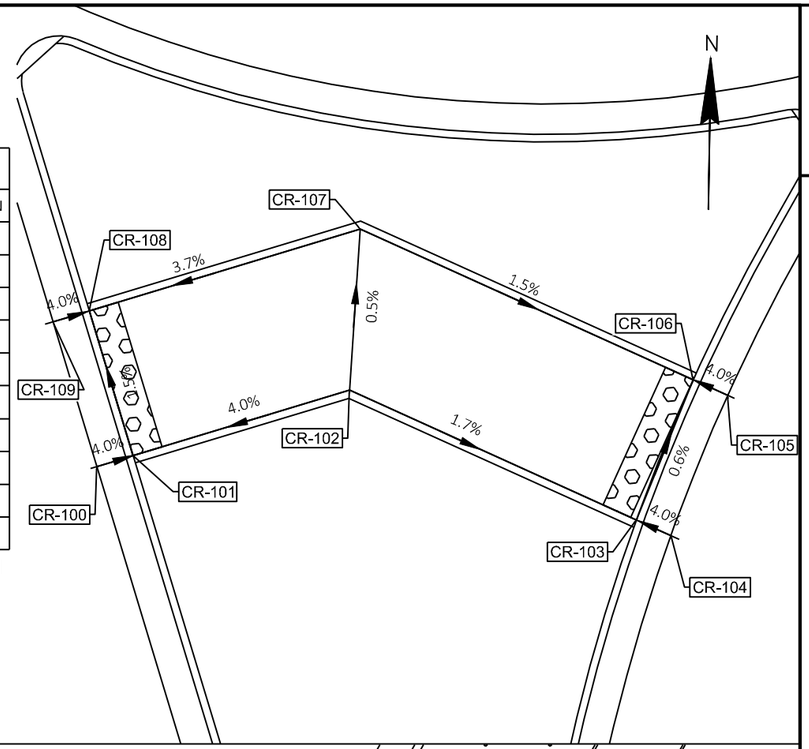
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100A_CD.DWG
LAYOUT NAME - 021106c_cd
PLOT DATE : 8/31/2020 2:48 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1:10



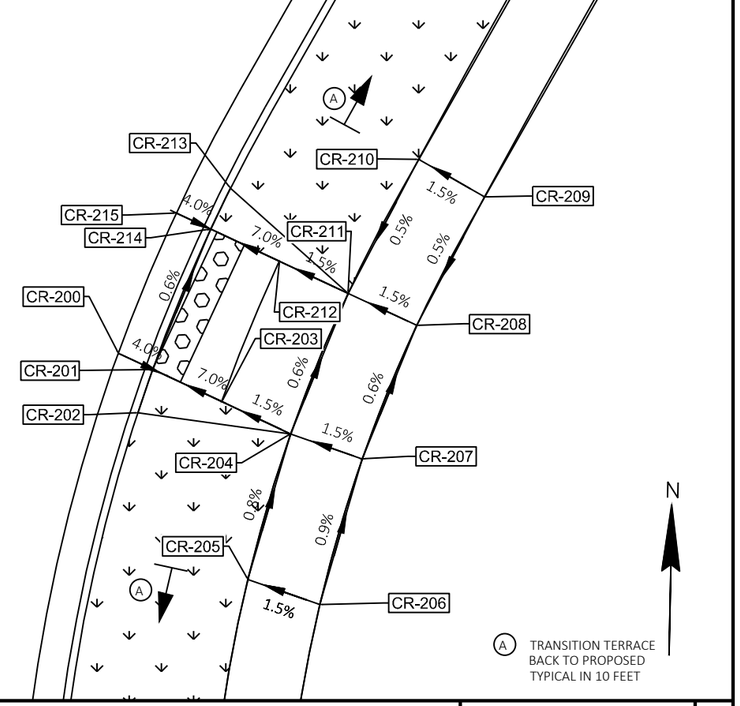
CR - 1 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 100	55+82.73	0' RT NB	922.50
CR - 101	55+82.73	2.5' RT NB	922.42
CR - 102	55+78.76	23.25' LT SB	923.02
CR - 103	55+77.38	2.5' LT SB	922.67
CR - 104	55+78.18	0' LT SB	922.75
CR - 105	55+87.19	0' LT SB	922.69
CR - 106	55+87.19	2.5' LT SB	922.61
CR - 107	55+87.19	26.67' LT SB	922.97
CR - 108	55+92.73	2.5' RT NB	922.27
CR - 109	55+92.73	0' RT NB	922.35

*CONCRETE SIDEWALK FOR MEDIAN

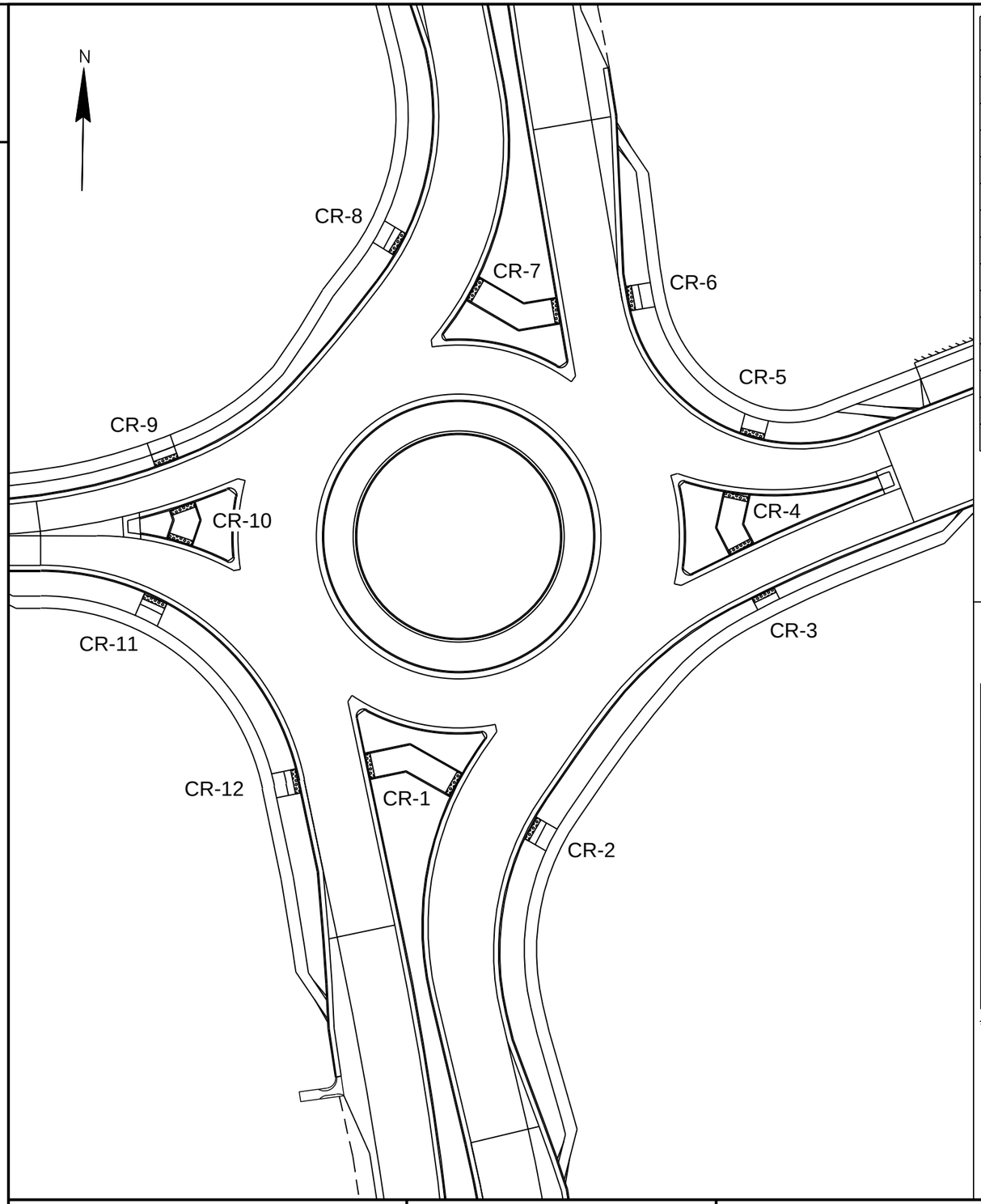


CR - 2 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 200	55+73.53	29.68' RT NB	922.17
CR - 201	55+69.05	32.06' RT NB	922.09
CR - 202	55+73.12	32.17' RT NB	922.59
CR - 203	55+72.22	37.15' RT NB	922.44
CR - 204	55+71.21	42.13' RT NB	922.51
CR - 205	55+56.10	41.62' RT NB	922.60
CR - 206	55+54.80	46.58' RT NB	922.67
CR - 207	55+70.90	47.12' RT NB	922.59
CR - 208	55+86.26	47.42' RT NB	922.53
CR - 209	56+00.60	47.50' RT NB	922.57
CR - 210	56+00.51	42.50' RT NB	922.50
CR - 211	55+86.41	42.42' RT NB	922.45
CR - 212	55+86.54	37.42' RT NB	922.38
CR - 213	55+90.72	32.47' RT NB	922.53
CR - 214	55+86.55	32.43' RT NB	922.03
CR - 215	55+86.71	29.93' RT NB	922.11

*GRASS TERRACE

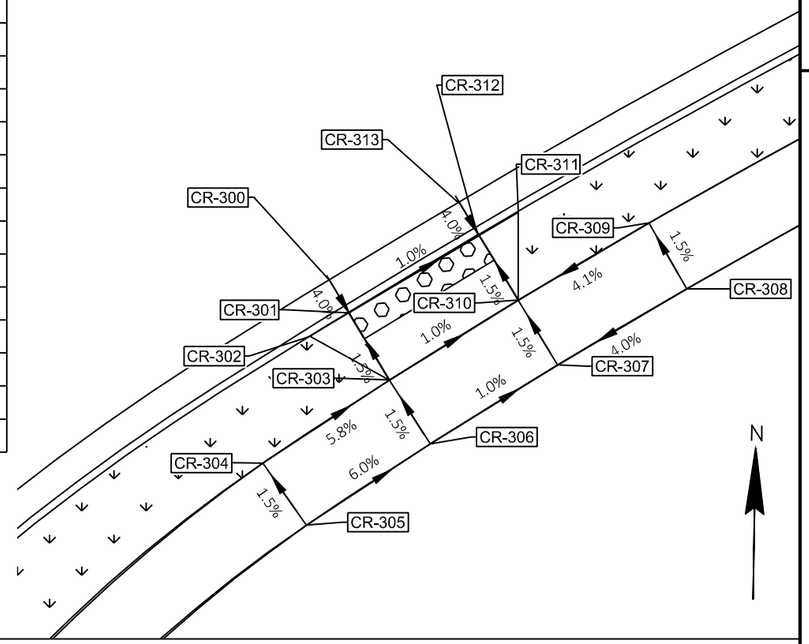


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



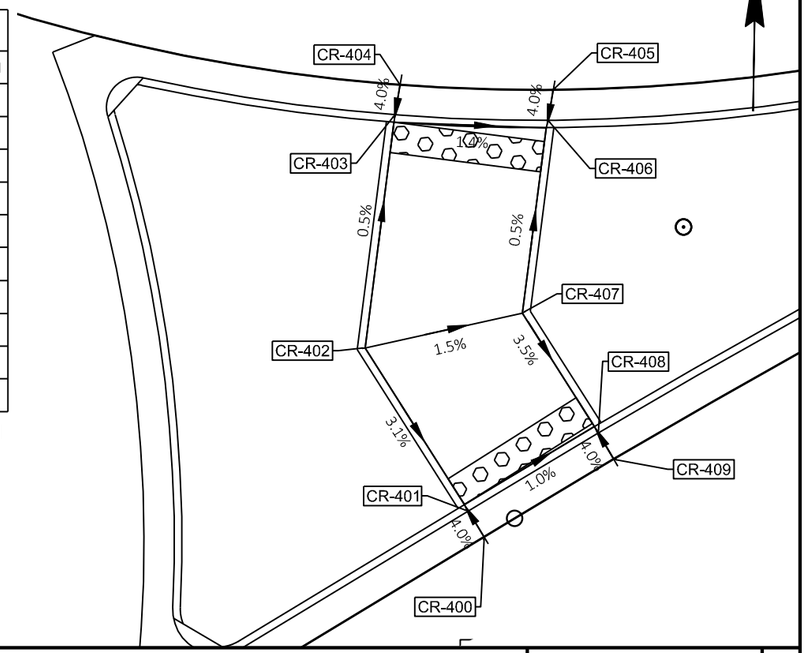
CR - 3 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 300	58+14.73	15.00' RT EB	922.52
CR - 301	58+14.81	17.54' RT EB	922.45
CR - 302	58+11.79	17.54' RT EB	922.97
CR - 303	58+14.78	22.72' RT EB	922.53
CR - 304	58+04.79	23.09' RT EB	922.66
CR - 305	58+05.05	28.08' RT EB	922.73
CR - 306	58+14.89	27.73' RT EB	922.60
CR - 307	58+25.14	27.58' RT EB	922.50
CR - 308	58+35.49	27.48' RT EB	922.90
CR - 309	58+35.45	22.48' RT EB	922.83
CR - 310	58+25.07	22.58' RT EB	922.42
CR - 311	58+28.10	17.58' RT EB	922.81
CR - 312	58+25.01	17.58' RT EB	922.35
CR - 313	58+24.98	15.00' RT EB	922.42

*GRASS TERRACE

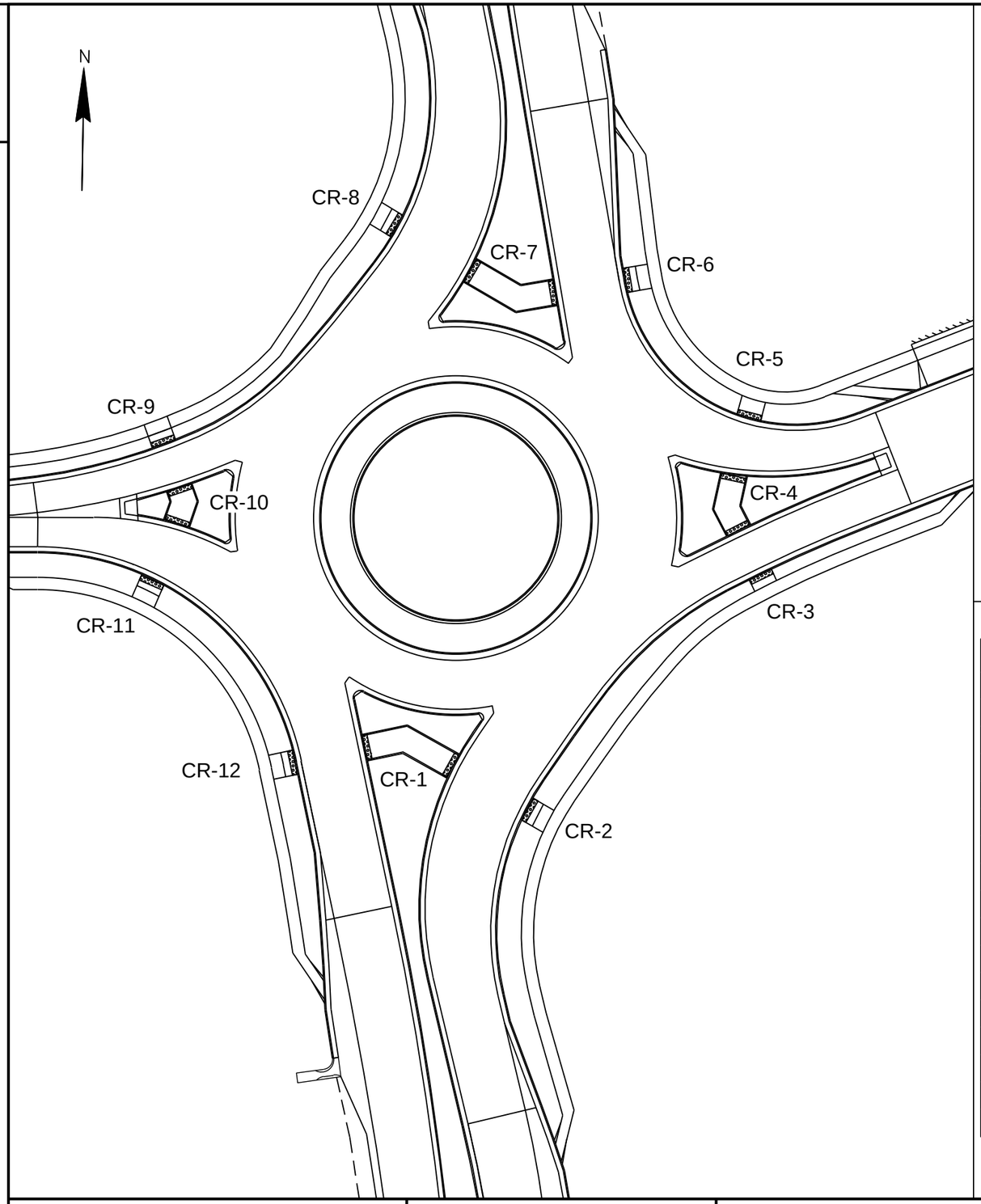


CR - 4 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 400	58+14.85	0.00' LT EB	922.82
CR - 401	58+14.85	2.00' LT EB	922.74
CR - 402	58+14.60	14.73' LT EB	922.13
CR - 403	58+04.27	2.00' RT WB	923.05
CR - 404	58+04.46	0.00' RT WB	923.13
CR - 405	58+14.55	0.00' RT WB	922.99
CR - 406	58+14.20	2.00' RT WB	922.91
CR - 407	58+24.54	11.37' LT EB	922.97
CR - 408	58+24.82	2.00' LT EB	922.64
CR - 409	58+24.82	0.00' LT EB	922.72

*CONCRETE SIDEWALK FOR MEDIAN

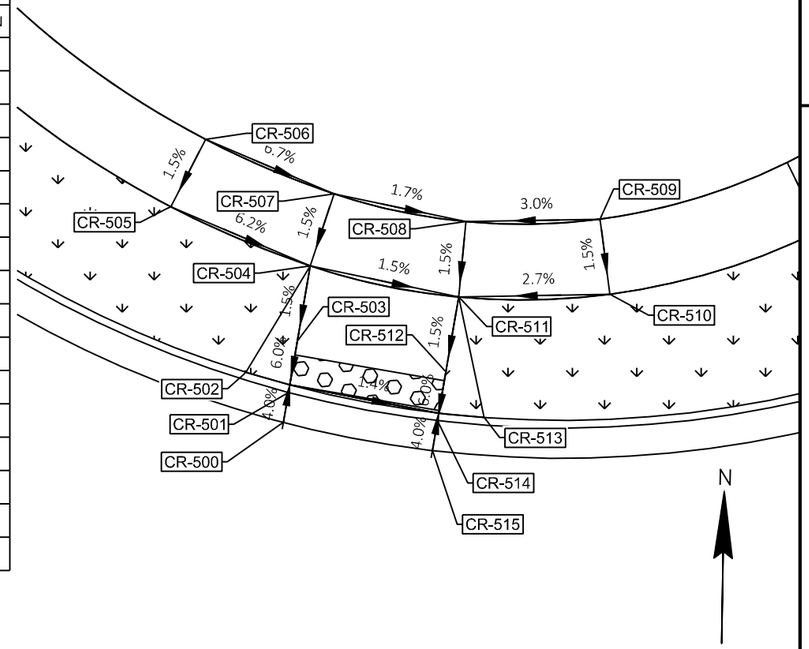


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



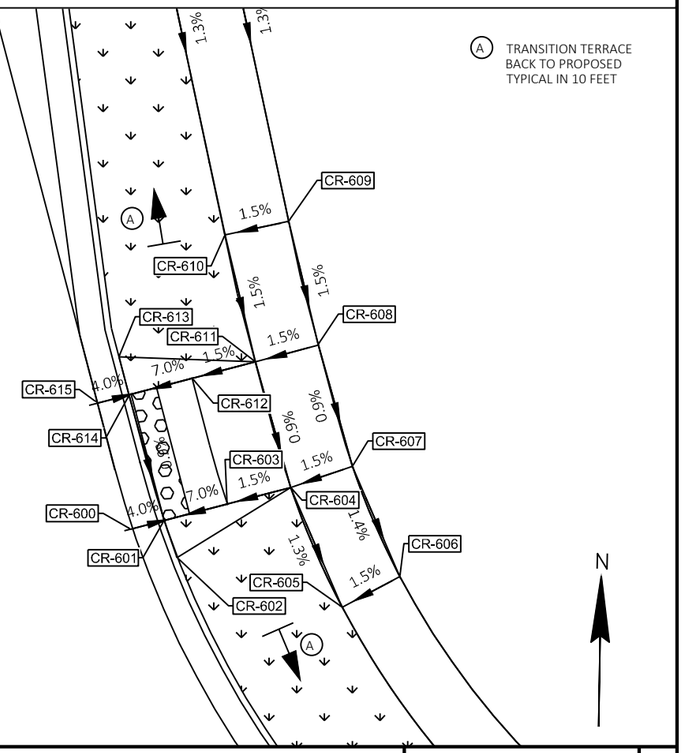
CR - 5 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 500	58+06.70	19.81' LT WB	922.69
CR - 501	58+06.97	21.81' LT WB	922.61
CR - 502	58+03.40	22.94' LT WB	923.16
CR - 503	58+07.47	25.21' LT WB	922.82
CR - 504	58+08.27	30.22' LT WB	922.89
CR - 505	57+95.31	33.22' LT WB	923.51
CR - 506	57+97.67	37.94' LT WB	923.59
CR - 507	58+10.19	35.02' LT WB	922.97
CR - 508	58+22.27	33.00' LT WB	922.82
CR - 509	58+34.36	32.07' LT WB	923.09
CR - 510	58+34.07	27.07' LT WB	923.01
CR - 511	58+21.18	28.06' LT WB	922.74
CR - 512	58+19.75	23.18' LT WB	922.67
CR - 513	58+22.59	20.02' LT WB	922.92
CR - 514	58+18.89	19.99' LT WB	922.47
CR - 515	58+18.39	18.03' LT WB	922.55

*GRASS TERRACE

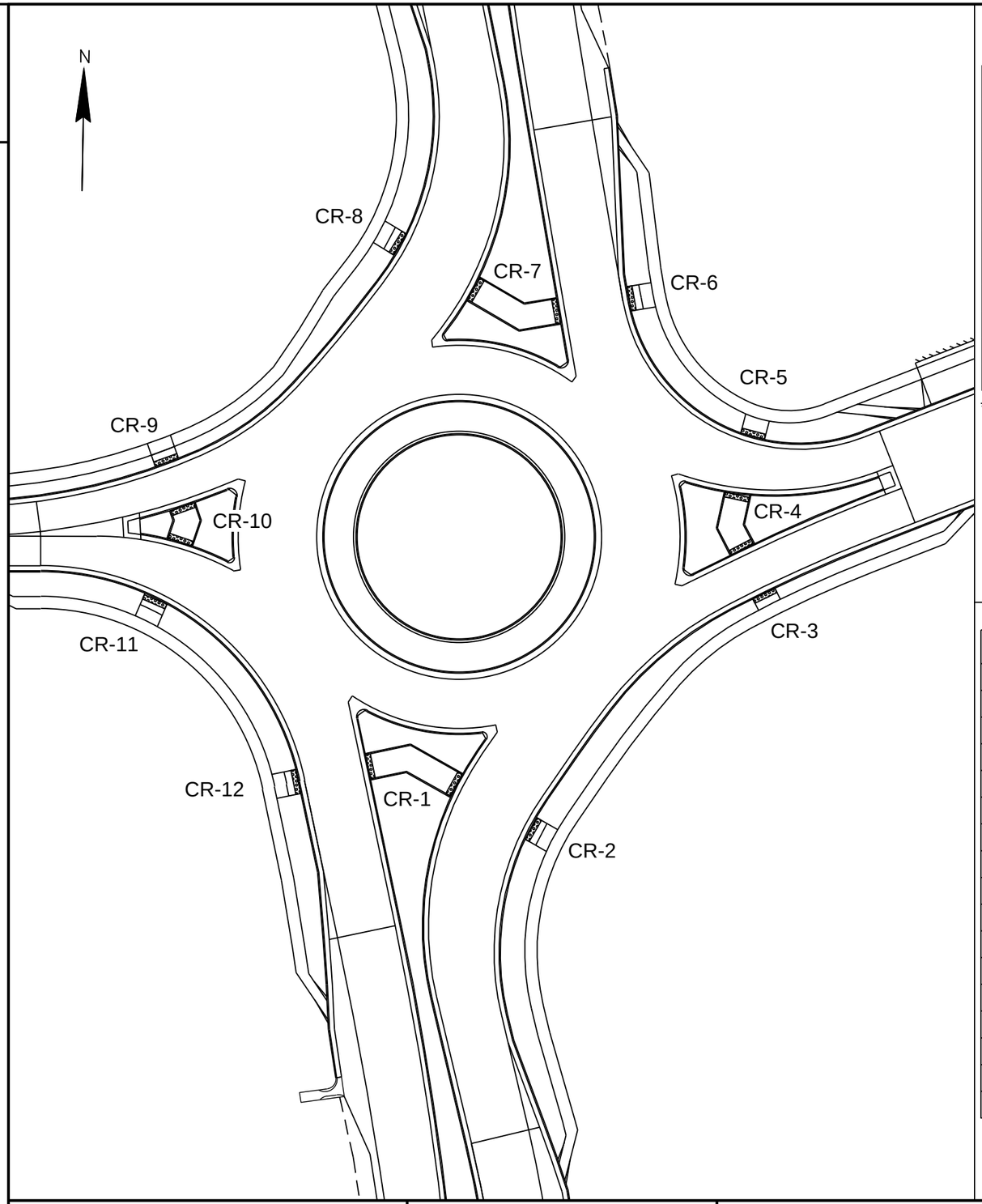


CR - 6 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 600	57+89.69	24.14' RT NB	923.49
CR - 601	57+89.69	26.69' RT NB	923.41
CR - 602	57+86.69	26.90' RT NB	923.91
CR - 603	57+89.69	31.66' RT NB	923.76
CR - 604	57+89.69	36.67' RT NB	923.84
CR - 605	57+89.81	38.17' RT NB	923.71
CR - 606	57+80.94	43.04' RT NB	923.79
CR - 607	57+90.05	41.66' RT NB	923.91
CR - 608	57+99.69	41.50' RT NB	924.00
CR - 609	58+09.45	41.70' RT NB	924.15
CR - 610	58+09.68	36.72' RT NB	924.08
CR - 611	57+99.69	36.50' RT NB	923.93
CR - 612	57+99.69	31.50' RT NB	923.85
CR - 613	58+02.69	26.50' RT NB	924.00
CR - 614	57+99.69	26.50' RT NB	923.50
CR - 615	57+99.69	24.00' RT NB	923.58

*GRASS TERRACE

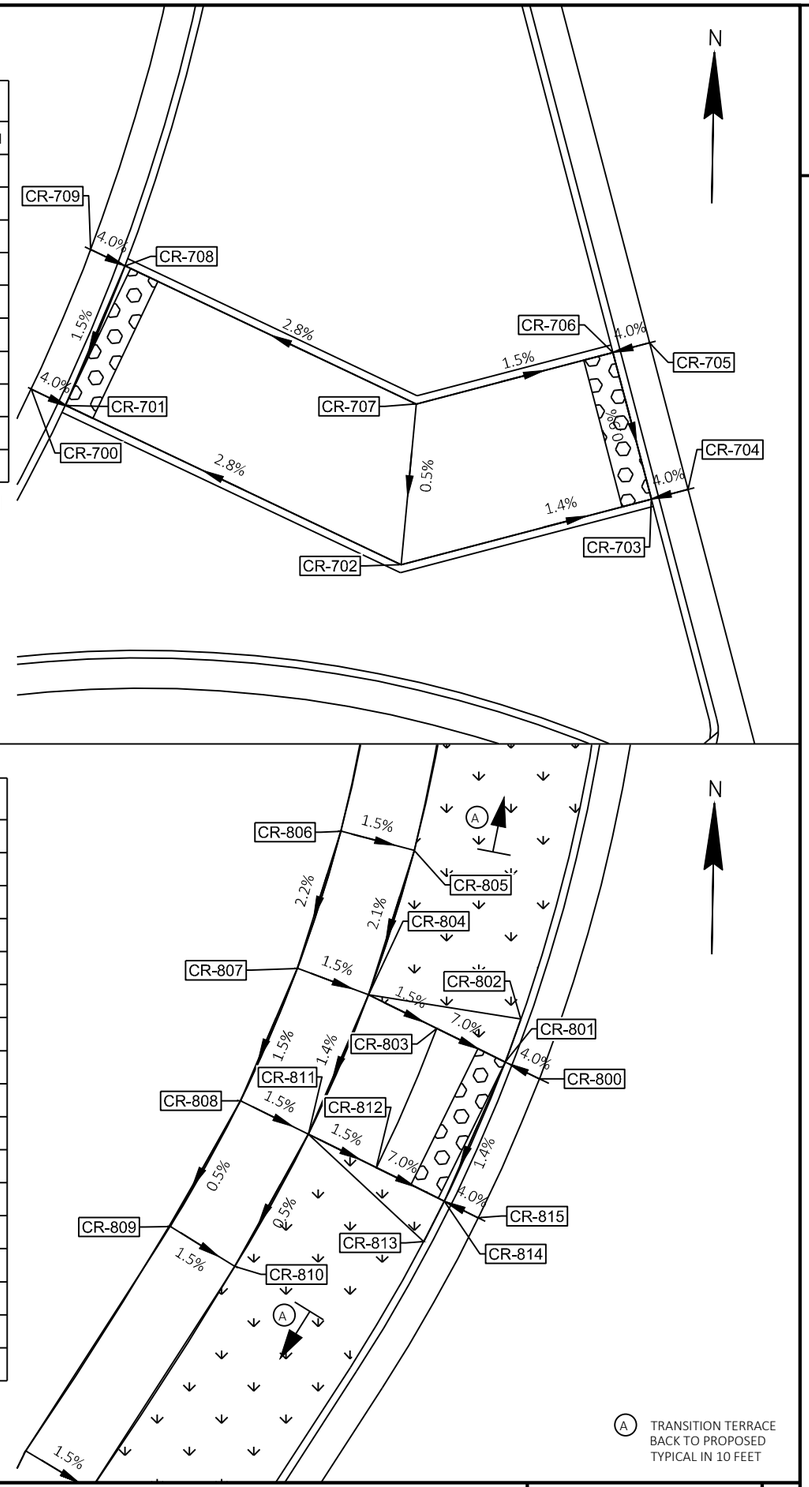


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



CR - 7 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 700	58+00.25	0' RT NB	923.52
CR - 701	58+00.25	2.50' RT NB	923.44
CR - 702	57+89.69	19.55' LT SB	924.13
CR - 703	57+89.69	2.50' LT SB	923.89
CR - 704	57+89.69	0' LT SB	923.97
CR - 705	57+99.69	0' LT SB	924.06
CR - 706	57+99.69	2.50' LT SB	923.98
CR - 707	57+99.69	15.91' LT SB	924.18
CR - 708	58+10.04	2.5' RT NB	923.59
CR - 709	58+10.27	0' RT NB	923.67

*CONCRETE SIDEWALK FOR MEDIAN



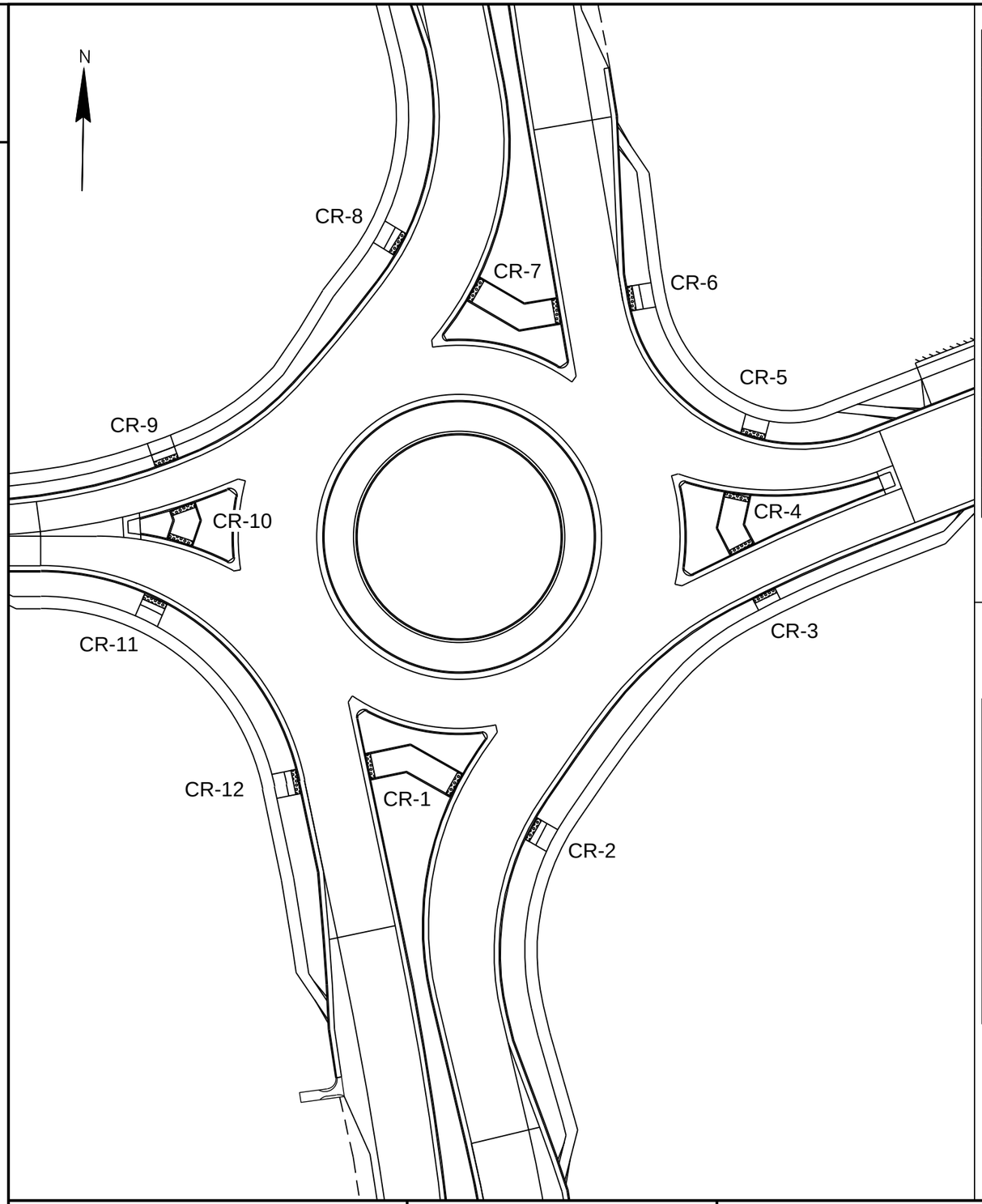
CR - 8 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 800	58+14.00	29.61' LT SB	923.15
CR - 801	58+14.43	32.10' LT SB	923.07
CR - 802	58+18.49	31.98' LT SB	923.57
CR - 803	58+15.35	37.08' LT SB	923.42
CR - 804	58+16.38	42.06' LT SB	923.50
CR - 805	58+31.45	41.51' LT SB	923.70
CR - 806	58+31.97	46.50' LT SB	923.78
CR - 807	58+16.74	47.05' LT SB	923.57
CR - 808	58+01.38	47.39' LT SB	923.43
CR - 809	58+01.20	42.39' LT SB	923.39
CR - 810	57+85.99	47.50' LT SB	923.31
CR - 811	57+85.99	42.50' LT SB	923.36
CR - 812	58+01.04	37.39' LT SB	923.28
CR - 813	57+96.84	32.44' LT SB	923.43
CR - 814	58+00.90	32.39' LT SB	922.93
CR - 815	58+00.83	29.91' LT SB	923.01

*GRASS TERRACE

(A) TRANSITION TERRACE BACK TO PROPOSED TYPICAL IN 10 FEET

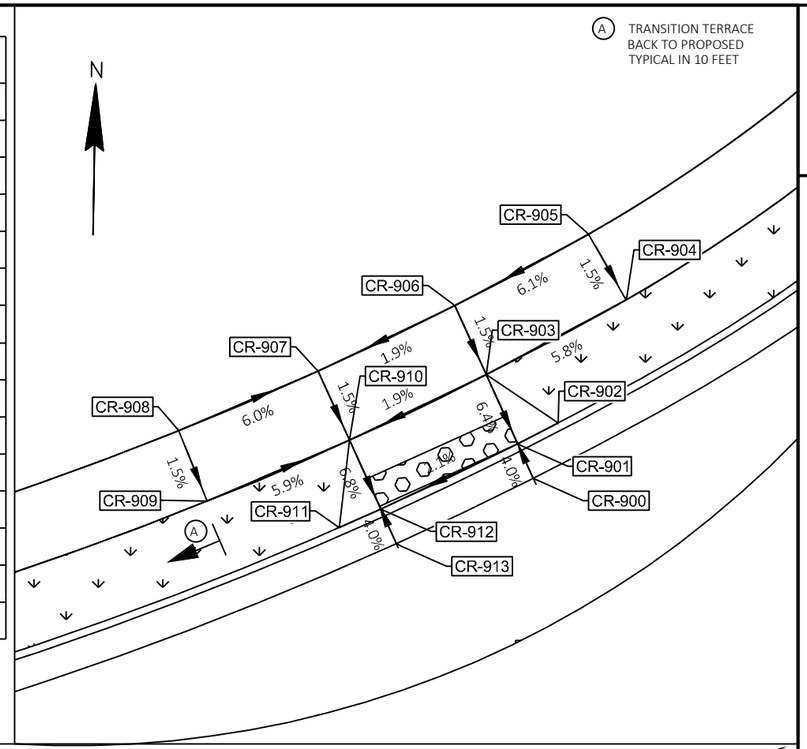
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100_CD_CODY_FINAL.DWG
LAYOUT NAME - 021110_cdramp
PLOT DATE : 8/31/2020 2:48 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:50 FT



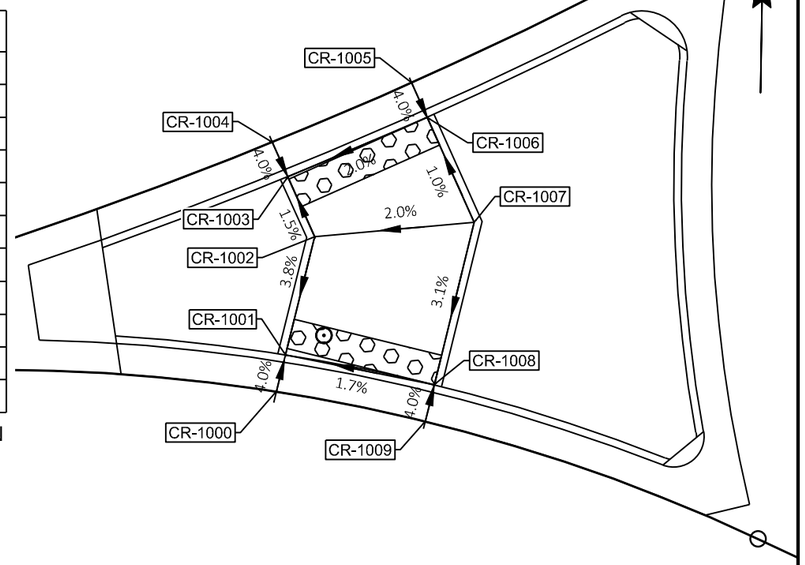
CR - 9 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 900	55+71.44	14.22' LT WB	921.39
CR - 901	55+71.43	16.73' LT WB	921.32
CR - 902	55+74.61	16.87' LT WB	921.88
CR - 903	55+71.41	21.73' LT WB	921.64
CR - 904	55+82.72	22.27' LT WB	922.25
CR - 905	55+82.40	27.24' LT WB	922.33
CR - 906	55+71.38	26.74' LT WB	921.72
CR - 907	55+60.38	26.28' LT WB	921.53
CR - 908	55+49.40	25.88' LT WB	922.13
CR - 909	55+49.60	20.89' LT WB	922.05
CR - 910	55+60.61	21.29' LT WB	921.45
CR - 911	55+57.65	16.17' LT WB	921.53
CR - 912	55+60.83	16.31' LT WB	921.11
CR - 913	55+60.94	13.79' LT WB	921.18

*GRASS TERRACE



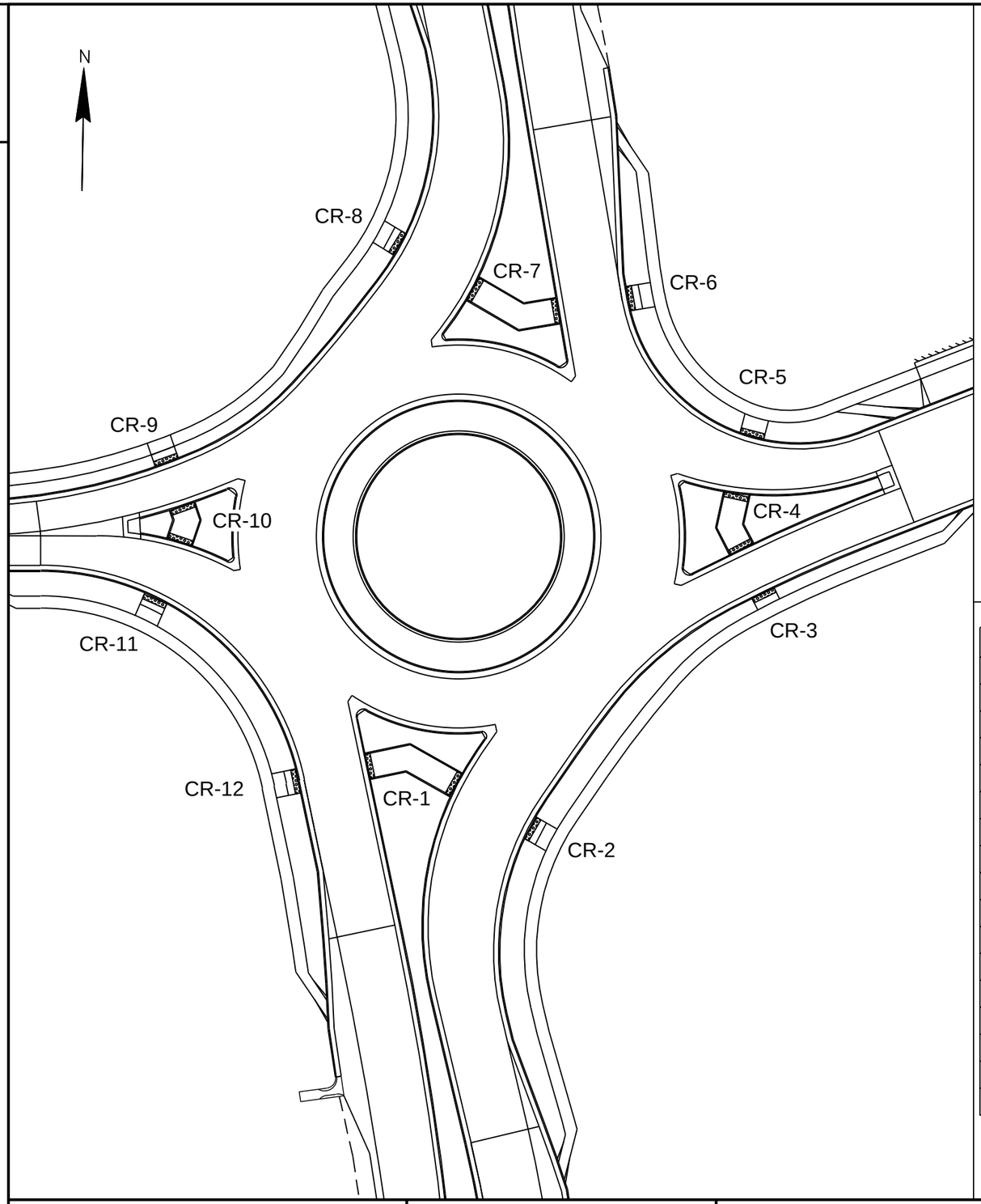
CR - 10 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 1000	55+59.34	0' LT EB	921.18
CR - 1001	55+59.55	2.5' LT EB	921.10
CR - 1002	55+60.17	10.44' LT EB	921.41
CR - 1003	55+61.59	2.5' RT WB	921.34
CR - 1004	55+61.50	0' RT WB	921.42
CR - 1005	55+71.50	0' RT WB	921.62
CR - 1006	55+71.50	2.5' RT WB	921.54
CR - 1007	55+69.35	6.45' LT EB	921.62
CR - 1008	55+69.35	2.5' LT EB	921.28
CR - 1009	55+69.35	0' LT EB	921.36

*CONCRETE SIDEWALK FOR MEDIAN



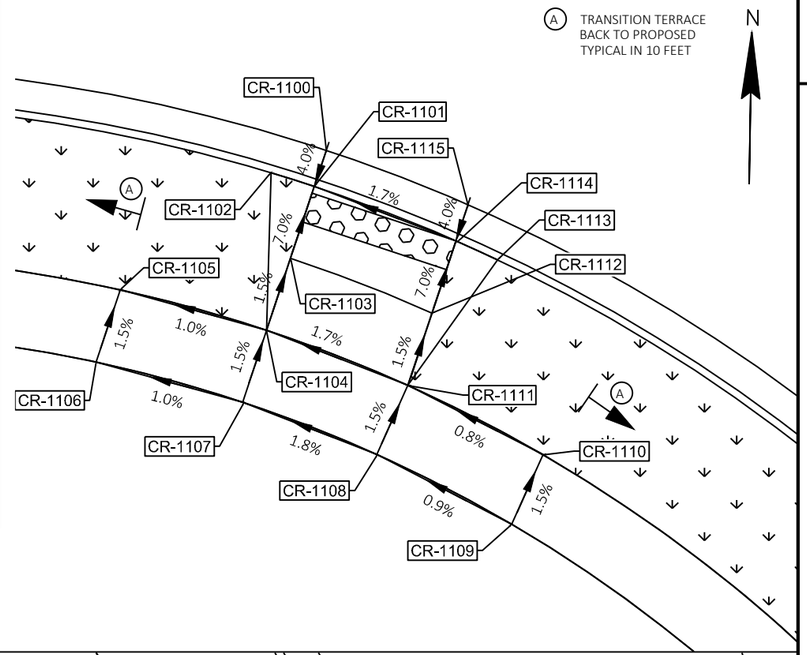
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100_CD_CODY_FINAL.DWG
LAYOUT NAME - 021111_cdramp
PLOT DATE : 8/31/2020 2:49 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:50 FT



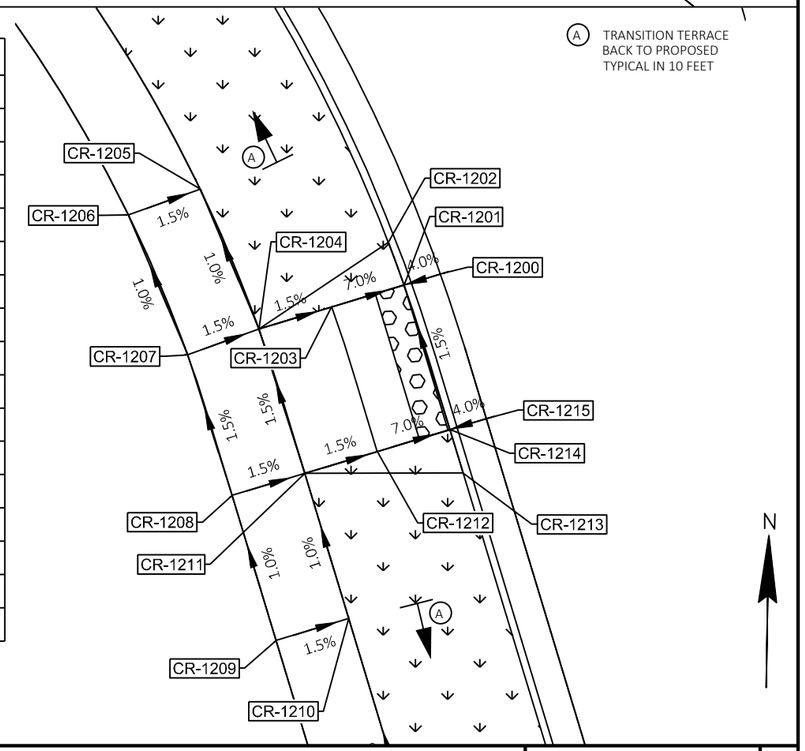
CR - 11 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 1100	55+55.61	18.78' RT EB	920.90
CR - 1101	55+55.00	21.33' RT EB	920.82
CR - 1102	55+51.44	20.63' RT EB	921.32
CR - 1103	55+53.73	26.12' RT EB	921.17
CR - 1104	55+52.23	30.99' RT EB	921.25
CR - 1105	55+39.24	28.73' RT EB	921.15
CR - 1106	55+36.92	33.46' RT EB	921.22
CR - 1107	55+50.70	35.87' RT EB	921.32
CR - 1108	55+64.17	38.06' RT EB	921.49
CR - 1109	55+78.81	40.24' RT EB	921.58
CR - 1110	55+79.54	35.24' RT EB	921.50
CR - 1111	55+65.73	33.19' RT EB	921.42
CR - 1112	55+66.46	28.19' RT EB	921.34
CR - 1113	55+70.81	23.76' RT EB	921.49
CR - 1114	55+67.12	23.19' RT EB	920.99
CR - 1115	55+67.42	20.69' RT EB	921.07

*GRASS TERRACE



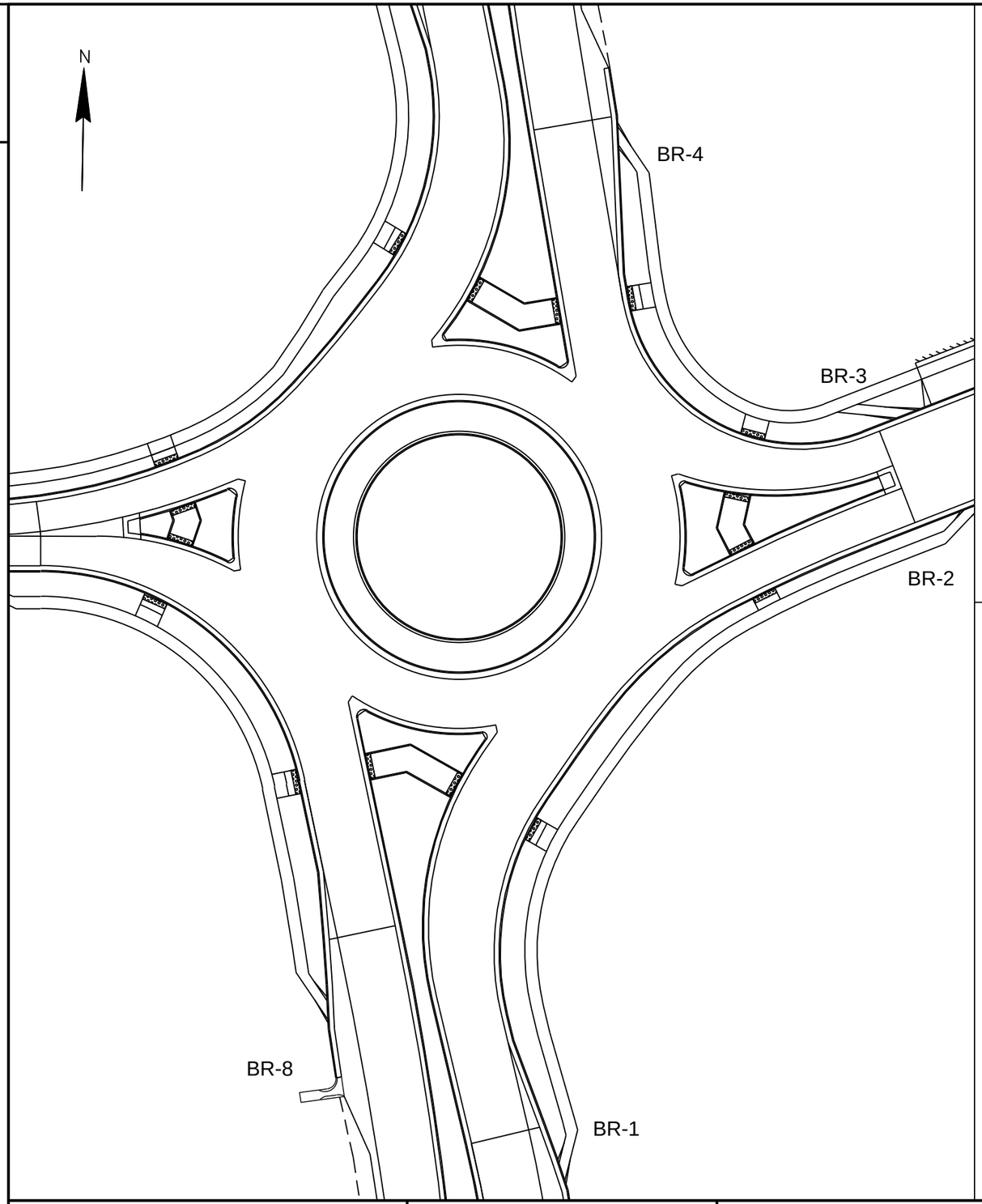
CR - 12 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
CR - 1200	55+92.73	24.12' LT SB	921.87
CR - 1201	55+92.73	26.62' LT SB	921.79
CR - 1202	55+95.73	26.80' LT SB	922.30
CR - 1203	55+92.73	31.63' LT SB	922.15
CR - 1204	55+92.73	36.63' LT SB	922.92
CR - 1205	56+02.69	37.67' LT SB	922.12
CR - 1206	56+02.43	42.69' LT SB	922.19
CR - 1207	55+92.47	41.63' LT SB	922.30
CR - 1208	55+82.73	41.50' LT SB	922.44
CR - 1209	55+72.73	41.50' LT SB	922.54
CR - 1210	55+72.73	36.50' LT SB	922.47
CR - 1211	55+82.73	36.50' LT SB	922.37
CR - 1212	55+82.73	31.50' LT SB	922.29
CR - 1213	55+79.73	26.50' LT SB	922.44
CR - 1214	55+82.73	26.50' LT SB	921.94
CR - 1215	55+82.73	24.00' LT SB	922.02

*GRASS TERRACE



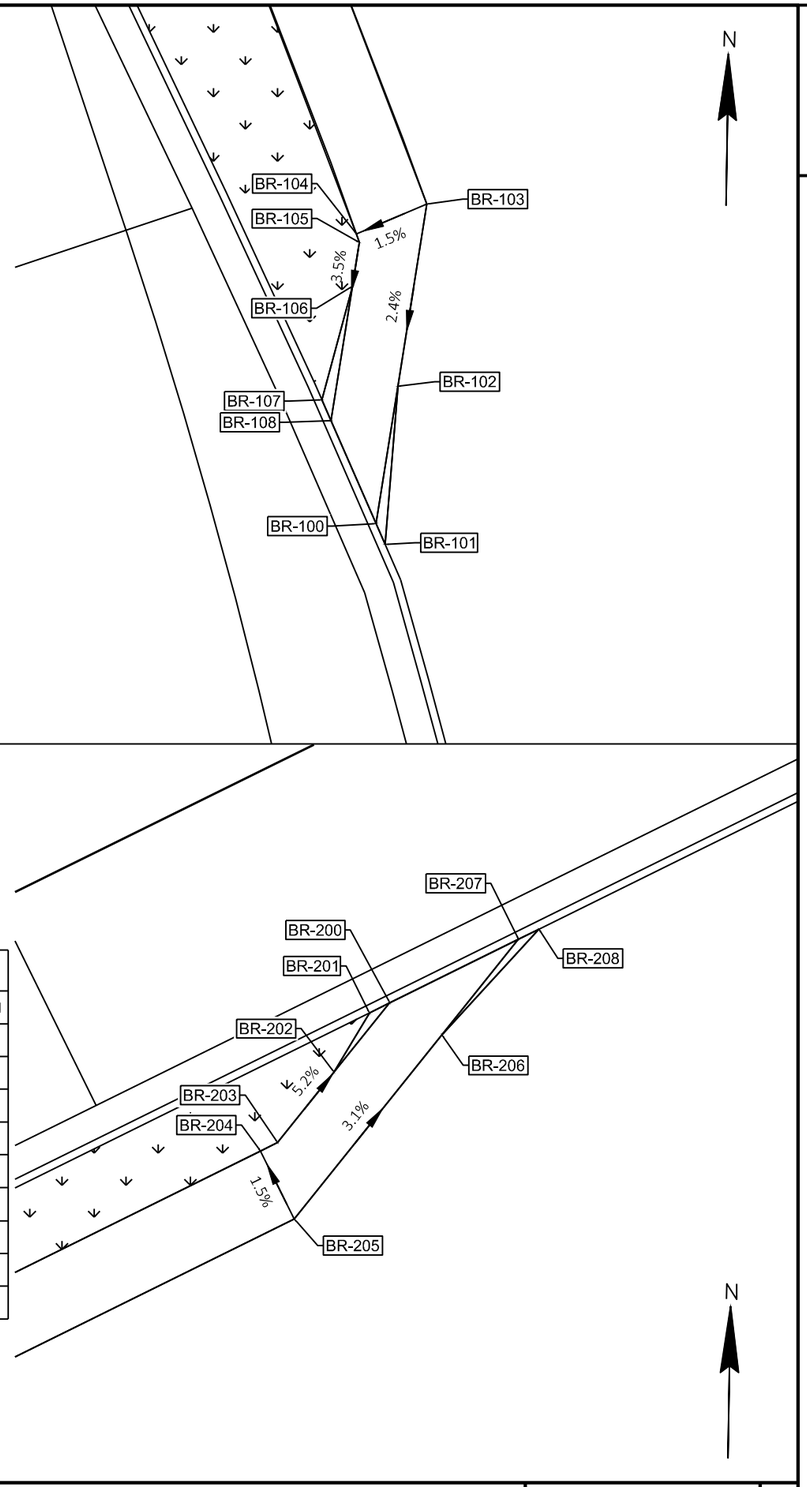
2

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E



BR - 1 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 100	54+11.09	33.97' RT NB	922.86
BR - 101	54+09.68	34.16' RT NB	923.12
BR - 102	54+18.91	37.95' RT NB	923.08
BR - 103	54+29.13	43.40' RT NB	923.38
BR - 104	54+28.72	38.36' RT NB	923.30
BR - 105	54+28.16	38.38' RT NB	923.31
BR - 106	54+25.68	37.05' RT NB	923.20
BR - 107	54+19.49	32.90' RT NB	923.44
BR - 108	54+18.08	33.07' RT NB	922.88

*GRASS TERRACE

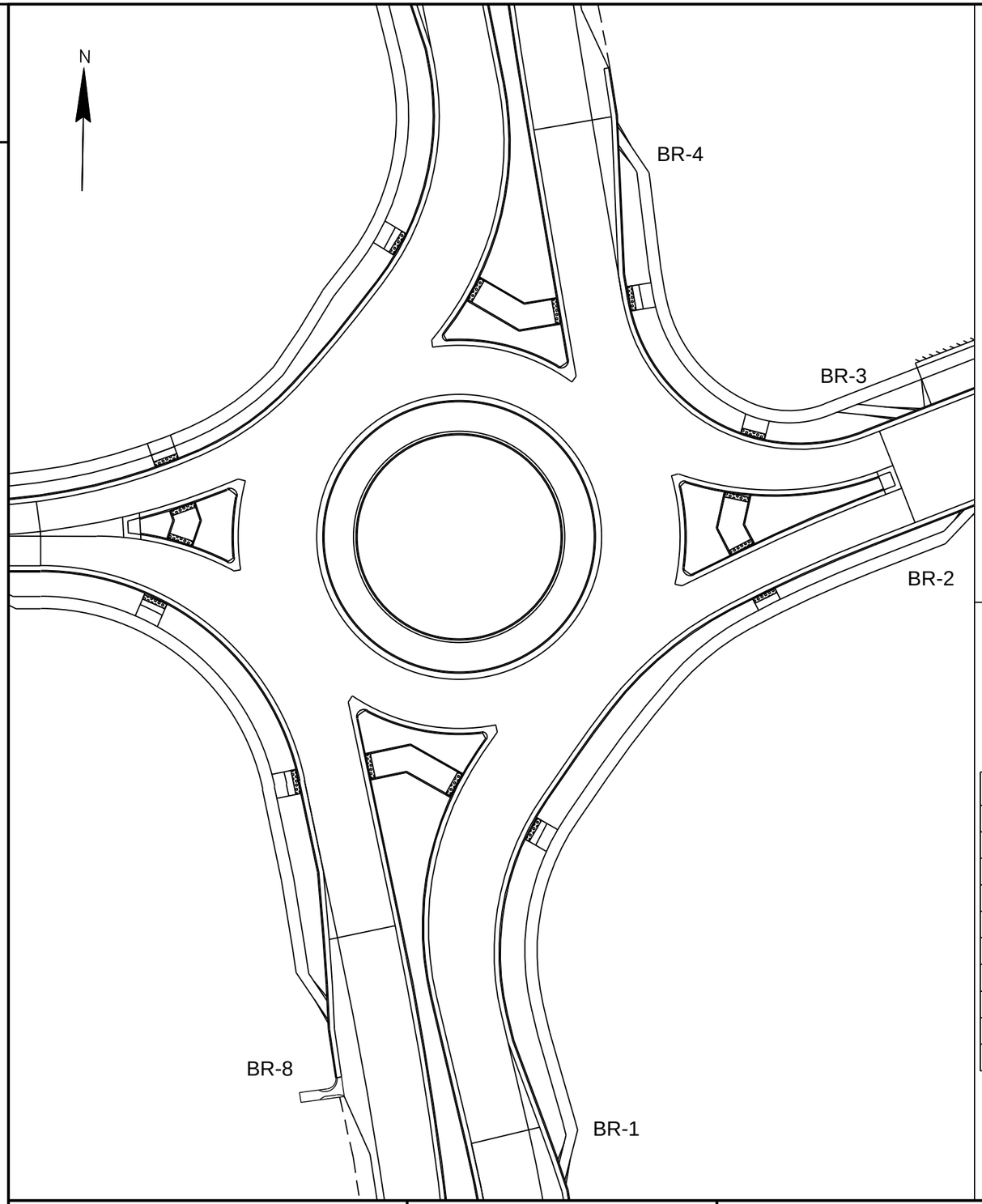


BR - 2 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 200	59+09.62	17.50' RT EB	921.79
BR - 201	59+08.12	17.50' RT EB	922.28
BR - 202	59+04.26	20.00' RT EB	922.09
BR - 203	58+98.89	22.50' RT EB	922.40
BR - 204	58+97.64	22.50' RT EB	922.41
BR - 205	58+97.64	27.50' RT EB	922.48
BR - 206	59+11.76	20.92' RT EB	921.99
BR - 207	59+19.08	17.50' RT EB	921.74
BR - 208	59+20.58	17.50' RT EB	922.22

*GRASS TERRACE

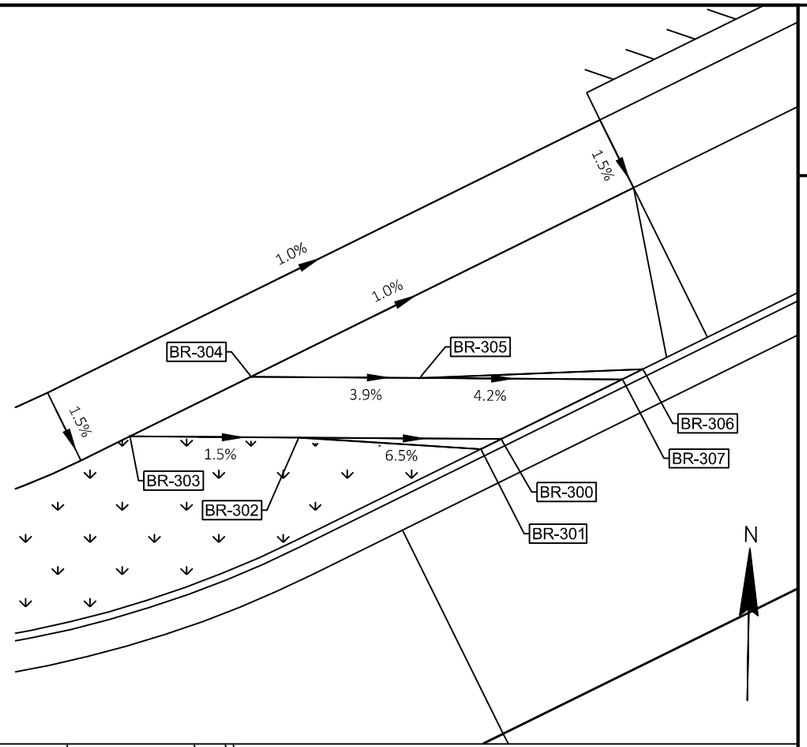
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100_CD_CODY_FINAL.DWG
LAYOUT NAME - 021113_bikeramp
PLOT DATE : 8/31/2020 2:49 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:50 FT



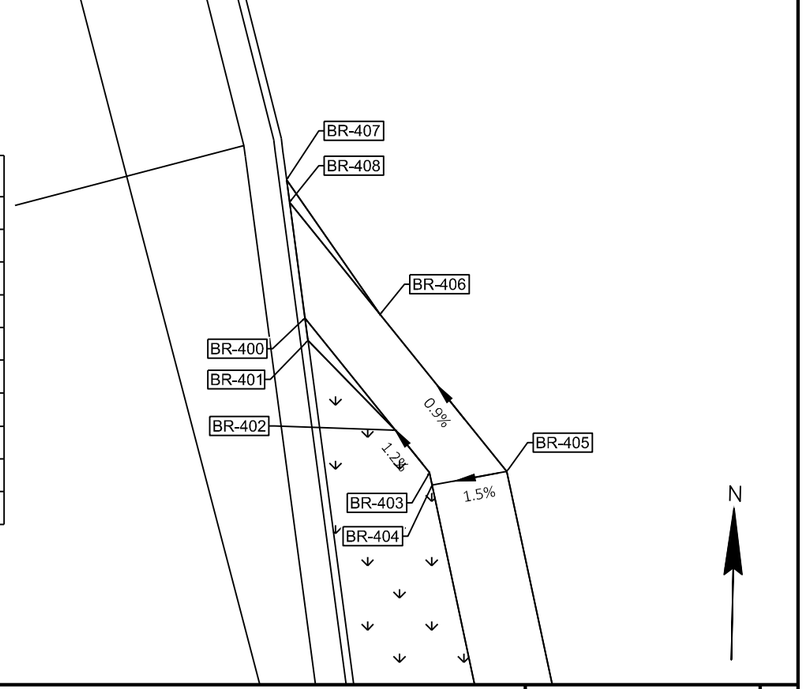
BR - 3 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 300	58+82.03	17.50' LT WB	921.82
BR - 301	58+80.53	17.50' LT WB	922.32
BR - 302	58+70.09	23.50' LT WB	922.66
BR - 303	58+57.57	28.12' LT WB	922.84
BR - 304	58+69.05	28.50' LT WB	922.75
BR - 305	58+79.00	23.50' LT WB	922.30
BR - 306	58+92.43	17.50' LT WB	922.24
BR - 307	58+90.93	17.50' LT WB	921.76

*GRASS TERRACE



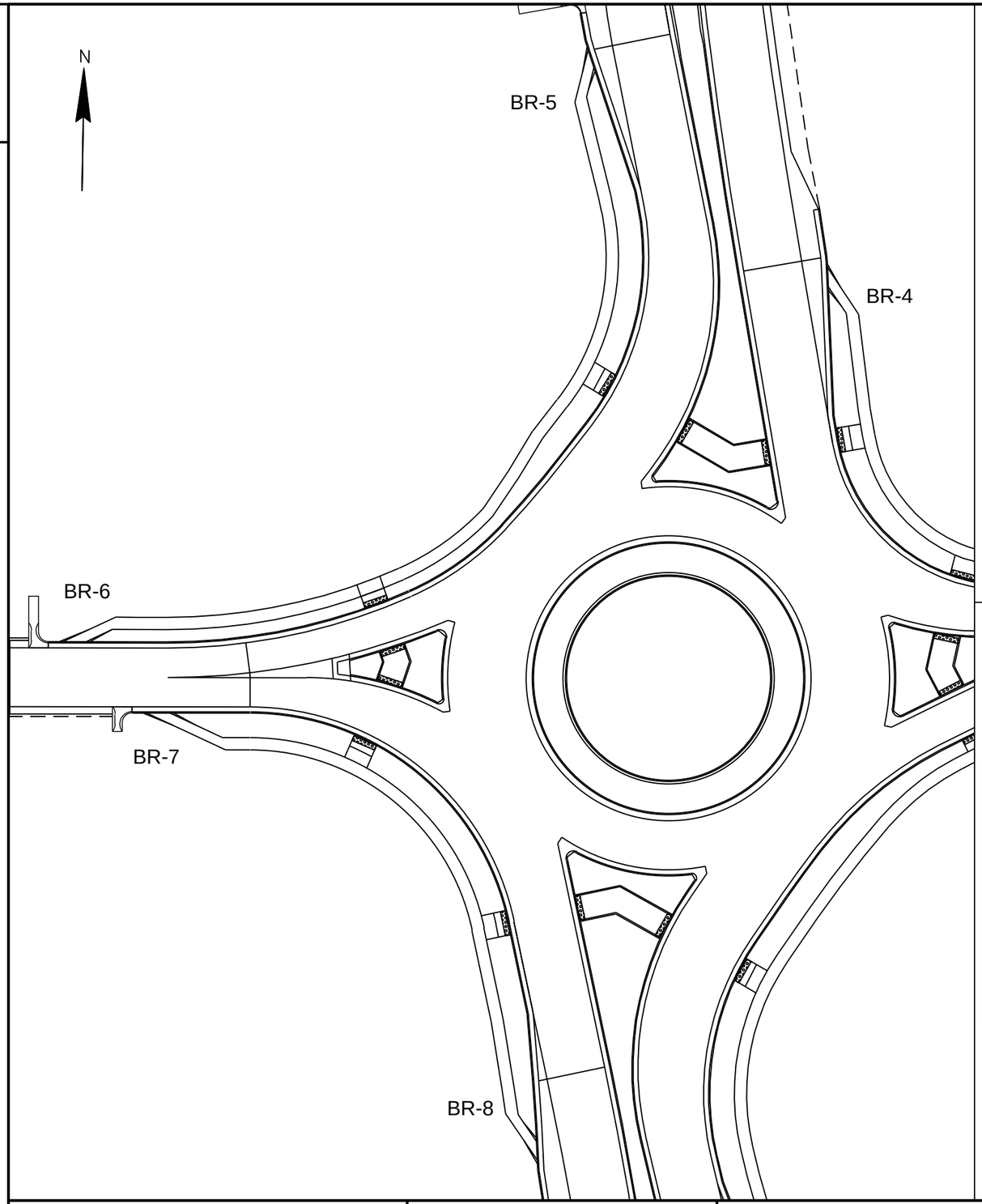
BR - 4 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 400	58+57.06	33.02' RT NB	924.38
BR - 401	58+55.57	32.83' RT NB	924.63
BR - 402	58+48.38	36.91' RT NB	924.50
BR - 403	58+45.12	38.38' RT NB	924.54
BR - 404	58+44.25	38.34' RT NB	924.54
BR - 405	58+43.88	43.32' RT NB	924.61
BR - 406	58+56.02	37.87' RT NB	924.50
BR - 407	58+66.19	34.16' RT NB	924.66
BR - 408	58+64.70	33.97' RT NB	924.41

*GRASS TERRACE



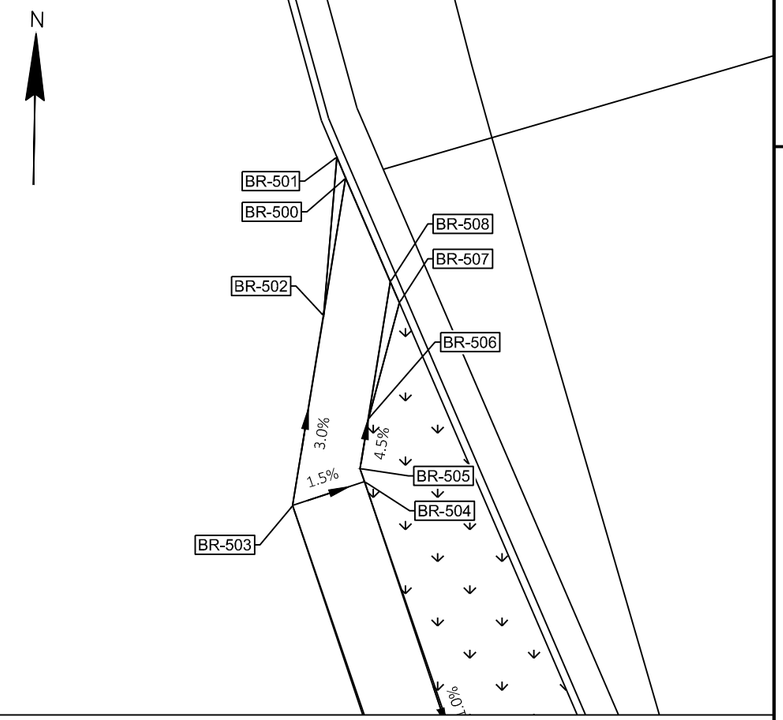
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100_CD_CODY_FINAL.DWG
LAYOUT NAME - 021114_bikeramp
PLOT DATE : 8/31/2020 2:49 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42



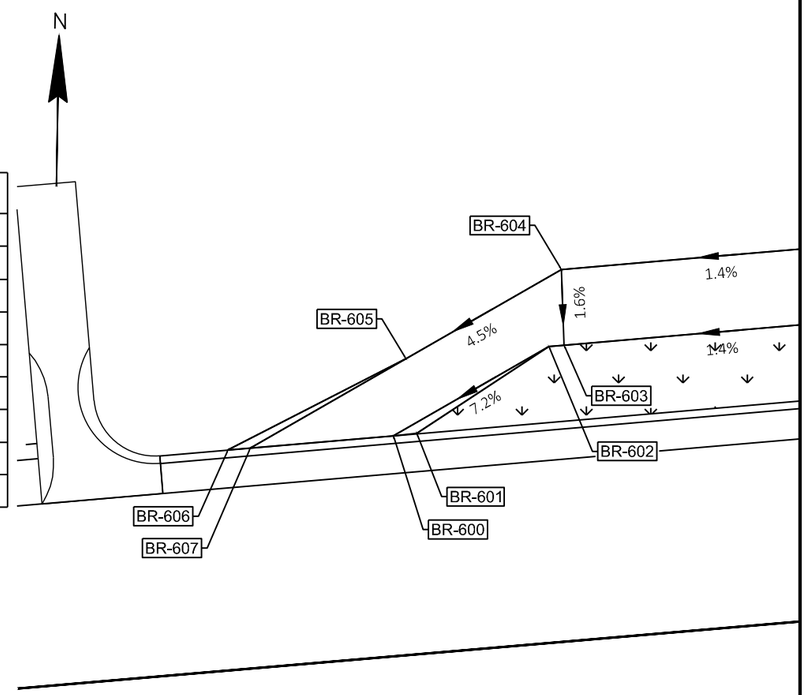
BR - 5 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 500	59+69.47	34.00' RT SB	924.43
BR - 501	59+70.89	34.18' RT SB	924.68
BR - 502	59+61.17	37.94' RT SB	924.71
BR - 503	59+49.79	43.34' RT SB	925.10
BR - 504	59+49.91	38.39' RT SB	925.02
BR - 505	59+50.80	38.43' RT SB	925.03
BR - 506	59+53.78	37.02' RT SB	924.88
BR - 507	59+60.60	32.89' RT SB	924.72
BR - 508	59+62.09	33.07' RT SB	924.47

*GRASS TERRACE



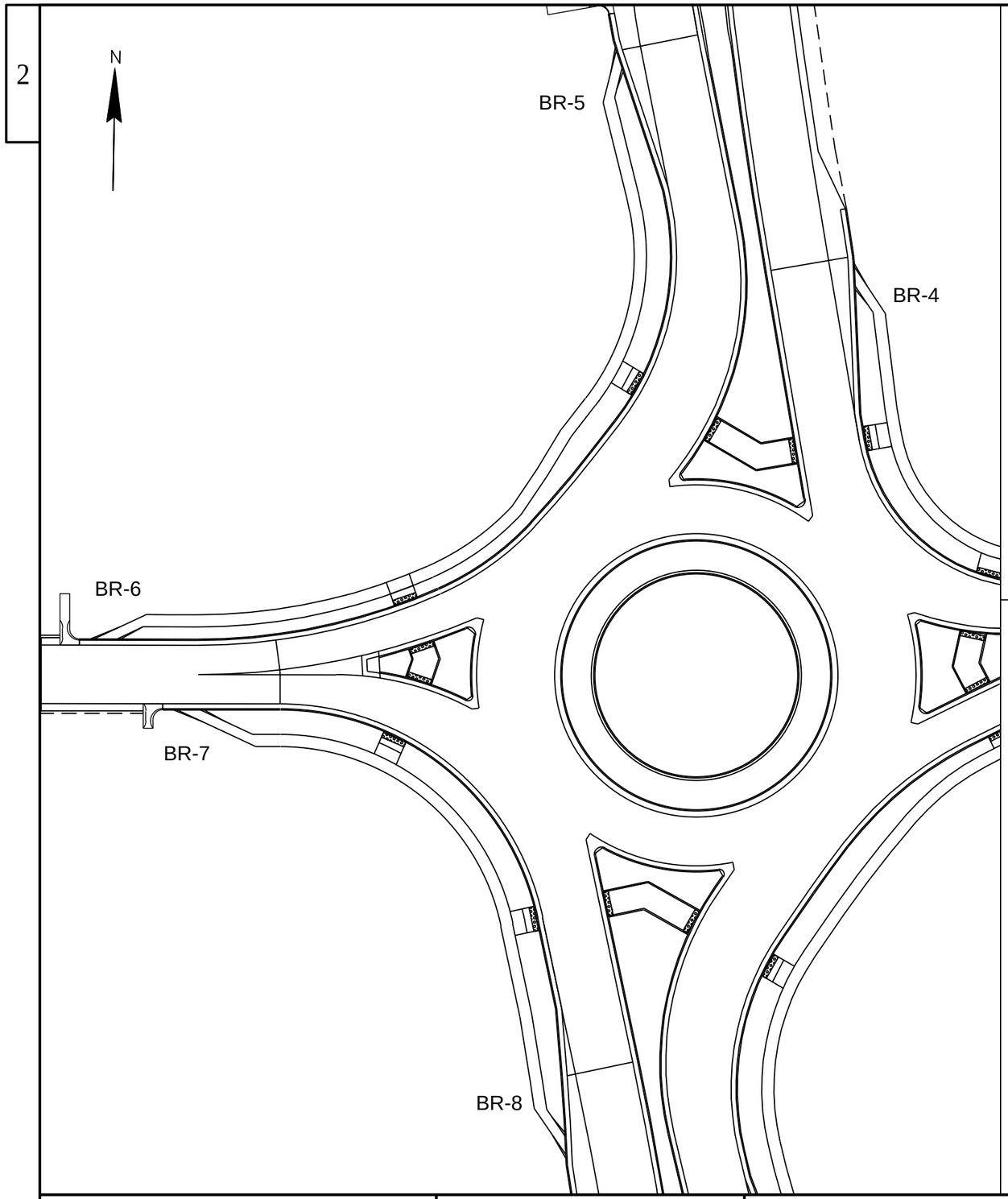
BR - 6 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 600	54+41.20	14.5' LT WB	918.98
BR - 601	54+42.70	14.5' LT WB	919.24
BR - 602	54+51.92	19.5' LT WB	919.83
BR - 603	54+52.92	19.5' LT WB	919.85
BR - 604	54+53.18	24.5' LT WB	919.92
BR - 605	54+42.45	19.5' LT WB	919.39
BR - 606	54+30.23	14.5' LT WB	919.11
BR - 607	54+31.73	14.5' LT WB	918.86

*GRASS TERRACE



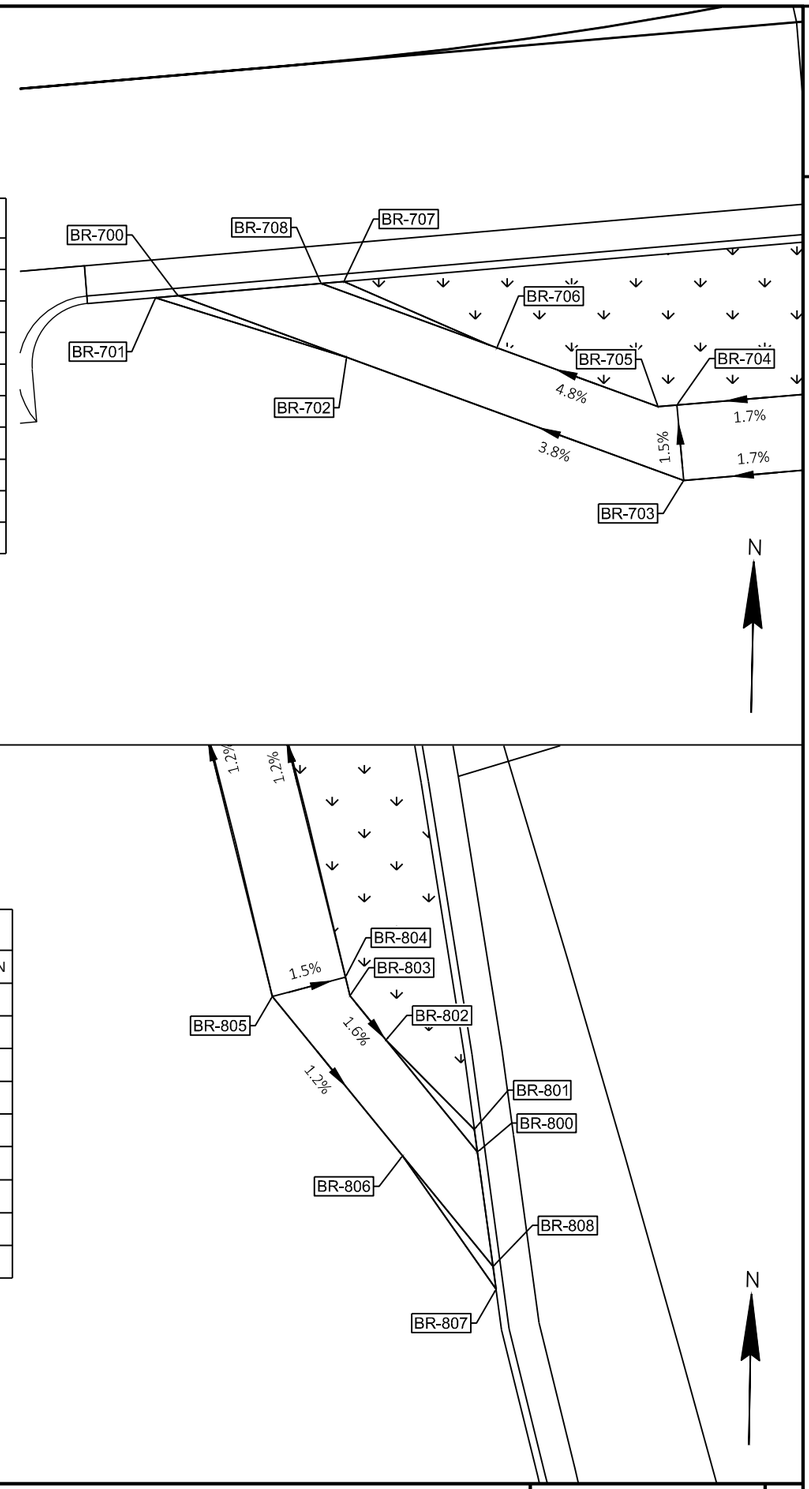
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100_CD_CODY_FINAL.DWG
LAYOUT NAME - 021115_bikeramp
PLOT DATE : 8/31/2020 2:49 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42



BR - 7 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 700	54+65.94	14.5' RT EB	919.30
BR - 701	54+64.39	14.5' RT EB	920.07
BR - 702	54+76.62	19.5' RT EB	919.75
BR - 703	54+98.06	29.5' RT EB	920.65
BR - 704	54+98.05	24.5' RT EB	920.58
BR - 705	54+96.80	24.5' RT EB	920.56
BR - 706	54+86.08	19.5' RT EB	920.31
BR - 707	54+76.86	14.5' RT EB	920.20
BR - 708	54+75.36	14.5' RT EB	919.43

*GRASS TERRACE



BR - 8 POINTS			
POINT NO.	STATION	OFFSET	ELEVATION
BR - 800	54+97.39	33.20' RT SB	923.052
BR - 801	54+98.91	32.99' RT SB	923.303
BR - 802	55+06.39	36.97' RT SB	923.203
BR - 803	55+09.95	38.44' RT SB	923.262
BR - 804	55+11.25	38.38' RT SB	923.260
BR - 805	55+11.38	43.36' RT SB	923.335
BR - 806	54+98.50	38.03' RT SB	923.169
BR - 807	54+88.09	34.45' RT SB	923.303
BR - 808	54+89.62	34.25' RT SB	923.053

*GRASS TERRACE

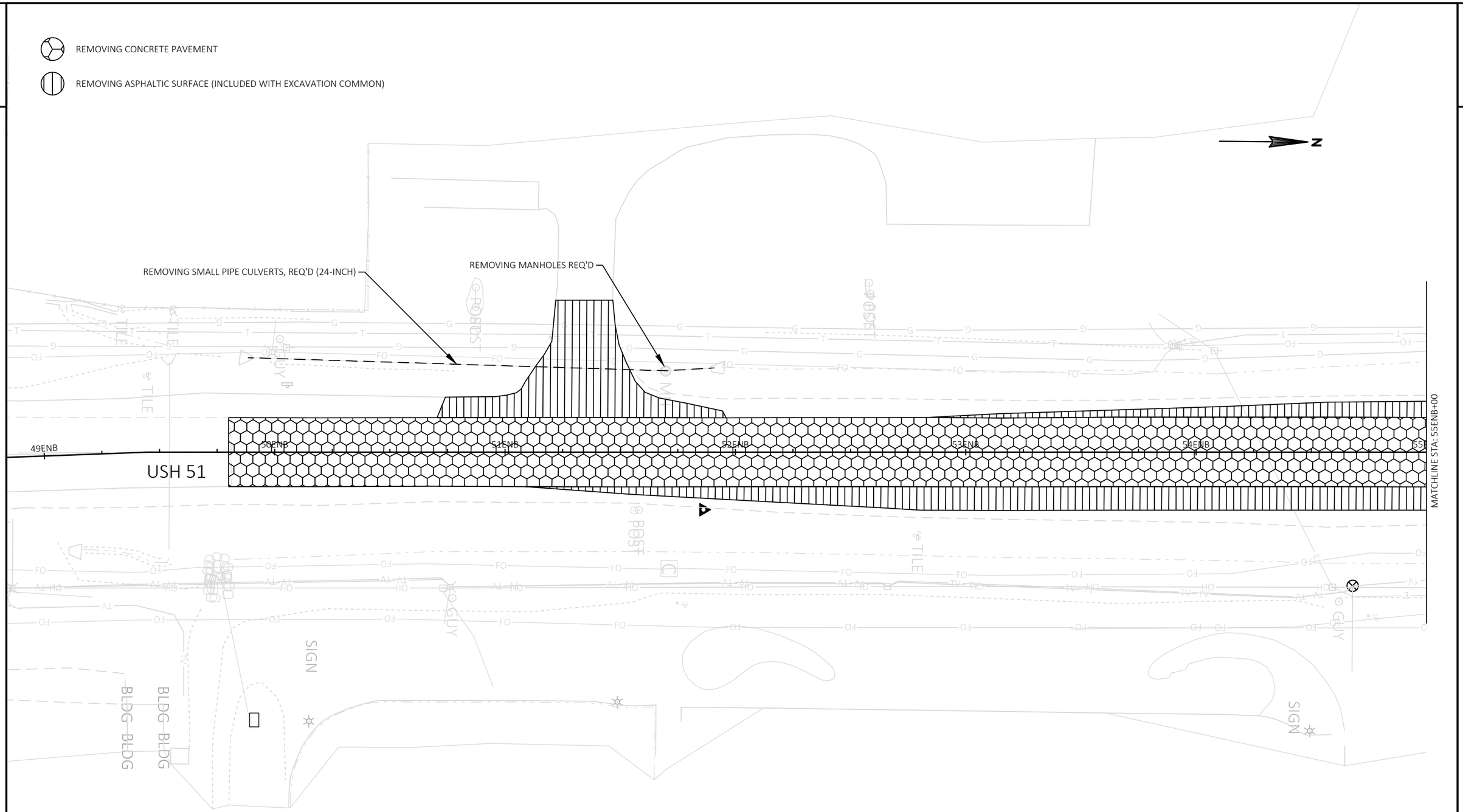
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONSTRUCTION DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021100_CD_CODY_FINAL.DWG
LAYOUT NAME - 021116_bikeramp
PLOT DATE : 8/31/2020 2:49 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

REMOVING CONCRETE PAVEMENT

REMOVING ASPHALTIC SURFACE (INCLUDED WITH EXCAVATION COMMON)



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	REMOVAL DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021200_RM.DWG
LAYOUT NAME - 021201_rm

PLOT DATE : 8/31/2020 2:49 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

REMOVING CONCRETE PAVEMENT

REMOVING ASPHALTIC SURFACE (INCLUDED WITH EXCAVATION COMMON)

REMOVING CURB & GUTTER

REMOVING CONCRETE SIDEWALK

MATCHLINE STA: 58ENB+50

REMOVING SMALL PIPE CULVERTS, REQ'D (21-INCH)
(2) REMOVING DELINEATORS AND MARKERS REQ'D

ROBY ROAD

54ERD

55ERD

56ERD

57ERD

58ERD

59ERD

60ERD

DEER POINT DRIVE

USH 51

REMOVING SMALL PIPE CULVERTS, REQ'D (24-INCH)
(2) REMOVING DELINEATORS AND MARKERS REQ'D

MATCHLINE STA: 55NB+00

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	REMOVAL DETAILS	SHEET	E

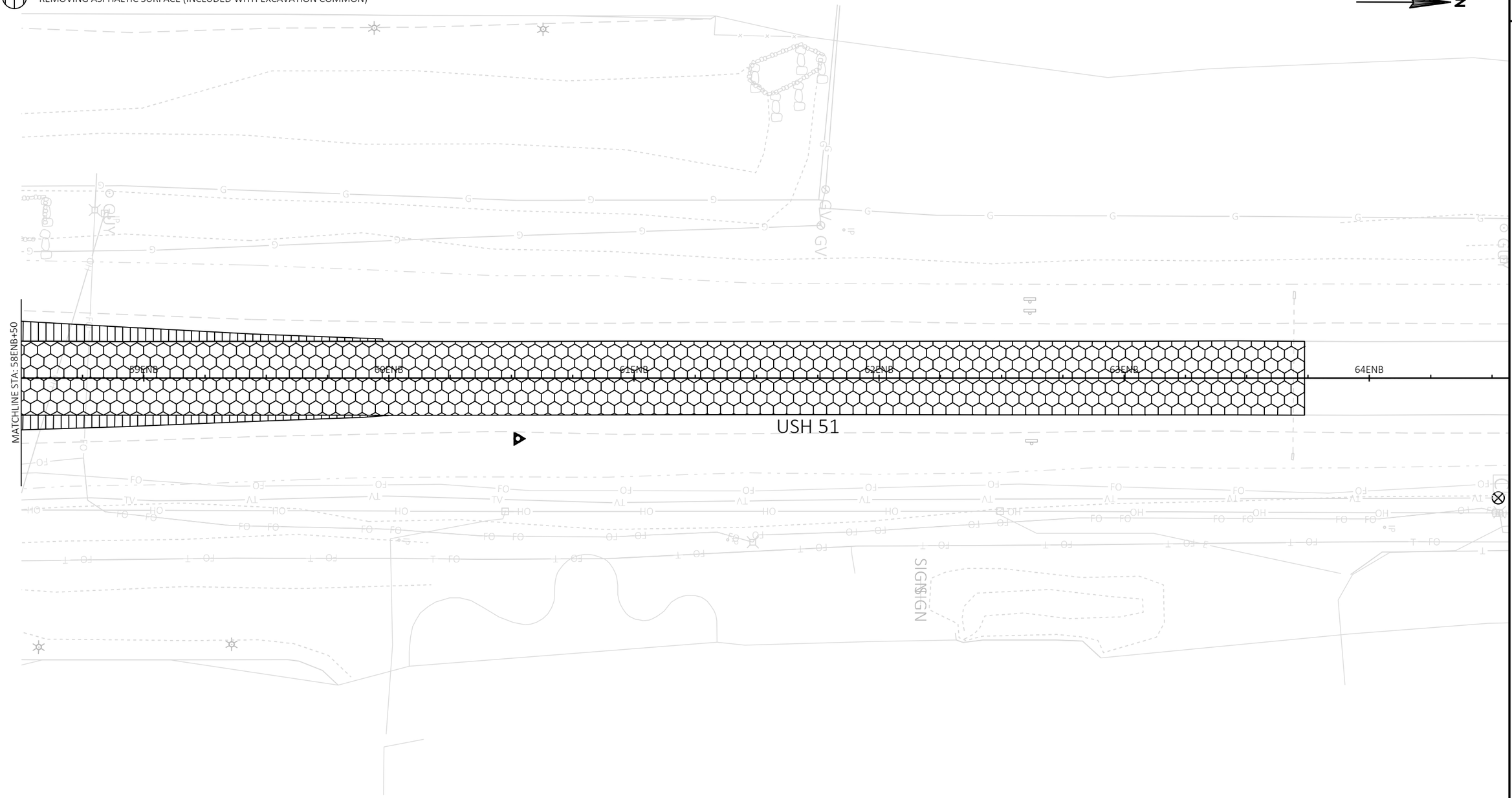
FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021200_RM.DWG
LAYOUT NAME - 021202_rm

PLOT DATE : 8/31/2020 2:49 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

REMOVING CONCRETE PAVEMENT

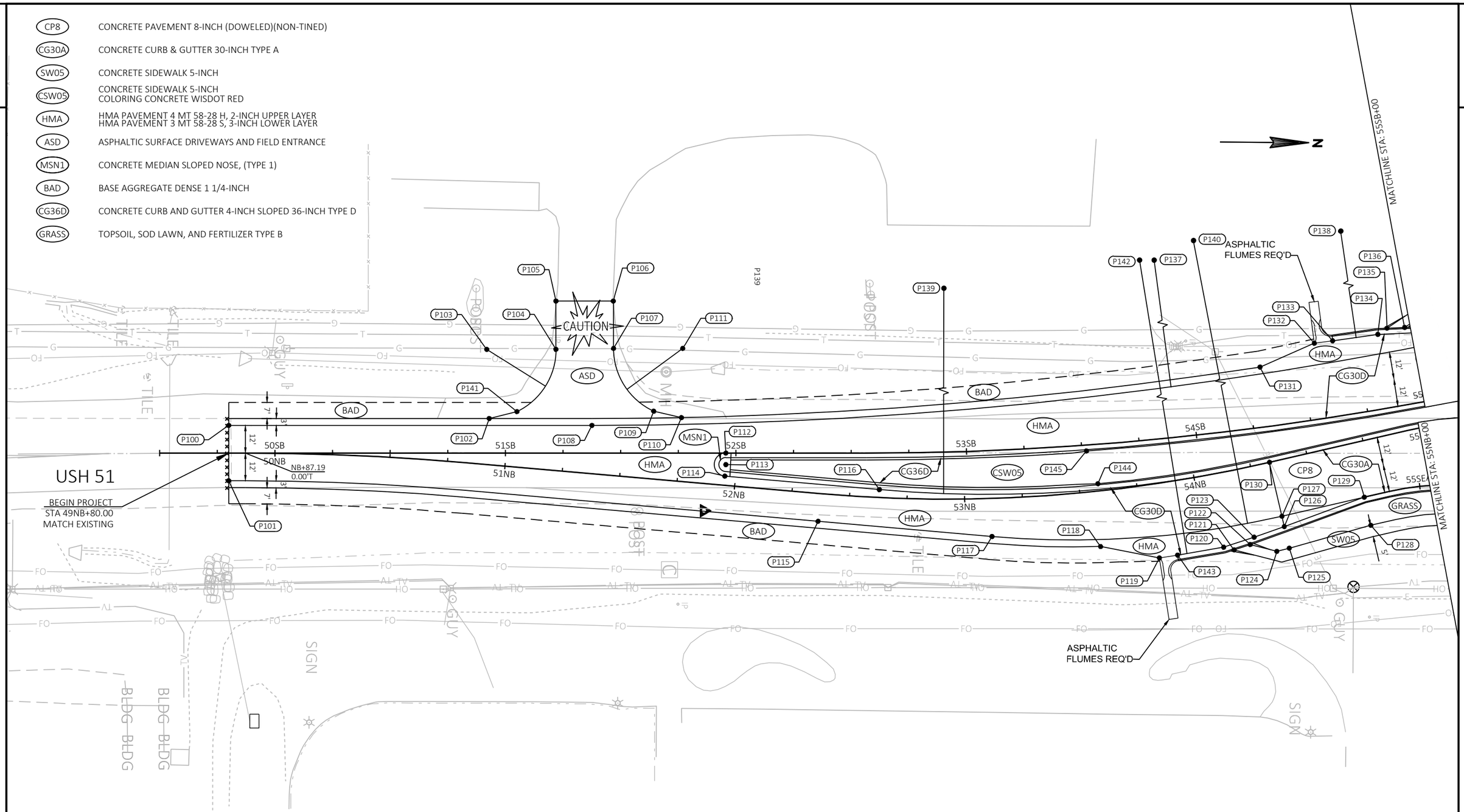
REMOVING ASPHALTIC SURFACE (INCLUDED WITH EXCAVATION COMMON)



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	REMOVAL DETAILS	SHEET	E

2

CP8	CONCRETE PAVEMENT 8-INCH (DOWELED)(NON-TINED)
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
SW05	CONCRETE SIDEWALK 5-INCH
CSW05	CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED
HMA	HMA PAVEMENT 4 MT 58-28 H, 2-INCH UPPER LAYER HMA PAVEMENT 3 MT 58-28 S, 3-INCH LOWER LAYER
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCE
MSN1	CONCRETE MEDIAN SLOPED NOSE, (TYPE 1)
BAD	BASE AGGREGATE DENSE 1 1/4-INCH
CG36D	CONCRETE CURB AND GUTTER 4-INCH SLOPED 36-INCH TYPE D
GRASS	TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021300_PD.DWG
LAYOUT NAME - 021301_pd

PLOT DATE : 8/31/2020 2:50 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

CP8	CONCRETE PAVEMENT 8-INCH (DOWELED)(NON-TINED)
CG30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
SW05	CONCRETE SIDEWALK 5-INCH
CSW05	CONCRETE SIDEWALK 5-INCH COLORING CONCRETE WISDOT RED
DW06	CONCRETE DRIVEWAY 6-INCH
HMA	HMA PAVEMENT 4 MT 58-28 H, 2-INCH UPPER LAYER HMA PAVEMENT 3 MT 58-28 S, 3-INCH LOWER LAYER
HMAS	HMA PAVEMENT 4 MT 58-28 H, 2-INCH UPPER LAYER HMA PAVEMENT 3 MT 58-28 S, 2-INCH LOWER LAYER
ASD	ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCE
MSN1	CONCRETE MEDIAN SLOPED NOSE, (TYPE 1)
MSN2	CONCRETE MEDIAN SLOPED NOSE, (TYPE 2)
CG36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
CG18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
TA12	CONCRETE TRUCK APRON 12-INCH
CJ	CONCRETE CURB TYPE J
GRASS	TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B

CURB RAMP DECTECTABLE WARNING FIELD YELLOW

SAWING ASPHALT

SAWING CONCRETE

MATCHLINE STA: 58SB+75

MATCHLINE STA: 58NB+75

MATCHLINE STA: 55SB+00

MATCHLINE STA: 55NB+00

ROBY ROAD

DEER POINT DRIVE

BEGIN CONSTRUCTION
STA 54EB+10.00
MATCH EXISTING

END CONSTRUCTION
STA 59EB+70.00
MATCH EXISTING

ASPHALTIC
FLUMES REQ'D

ASPHALTIC
FLUMES REQ'D

EXISTING HYDRANT TO BE
RELOCATED BY OTHERS

ADJUSTING VALVE
BOX REQ'D

ADJUSTING SANITARY
MANHOLE COVERS REQ'D

CAUTION

CAUTION

CAUTION

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021300_PD.DWG
LAYOUT NAME - 021302_pd

PLOT DATE : 8/31/2020 2:50 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

CP8 CONCRETE PAVEMENT 8-INCH (DOWELED)(NON-TINED)

CG30A CONCRETE CURB & GUTTER 30-INCH TYPE A

SW05 CONCRETE SIDEWALK 5-INCH

CSW05 CONCRETE SIDEWALK 5-INCH
COLORING CONCRETE WISDOT RED

HMA HMA PAVEMENT 4 MT 58-28 H, 2-INCH UPPER LAYER
HMA PAVEMENT 3 MT 58-28 S, 3-INCH LOWER LAYER

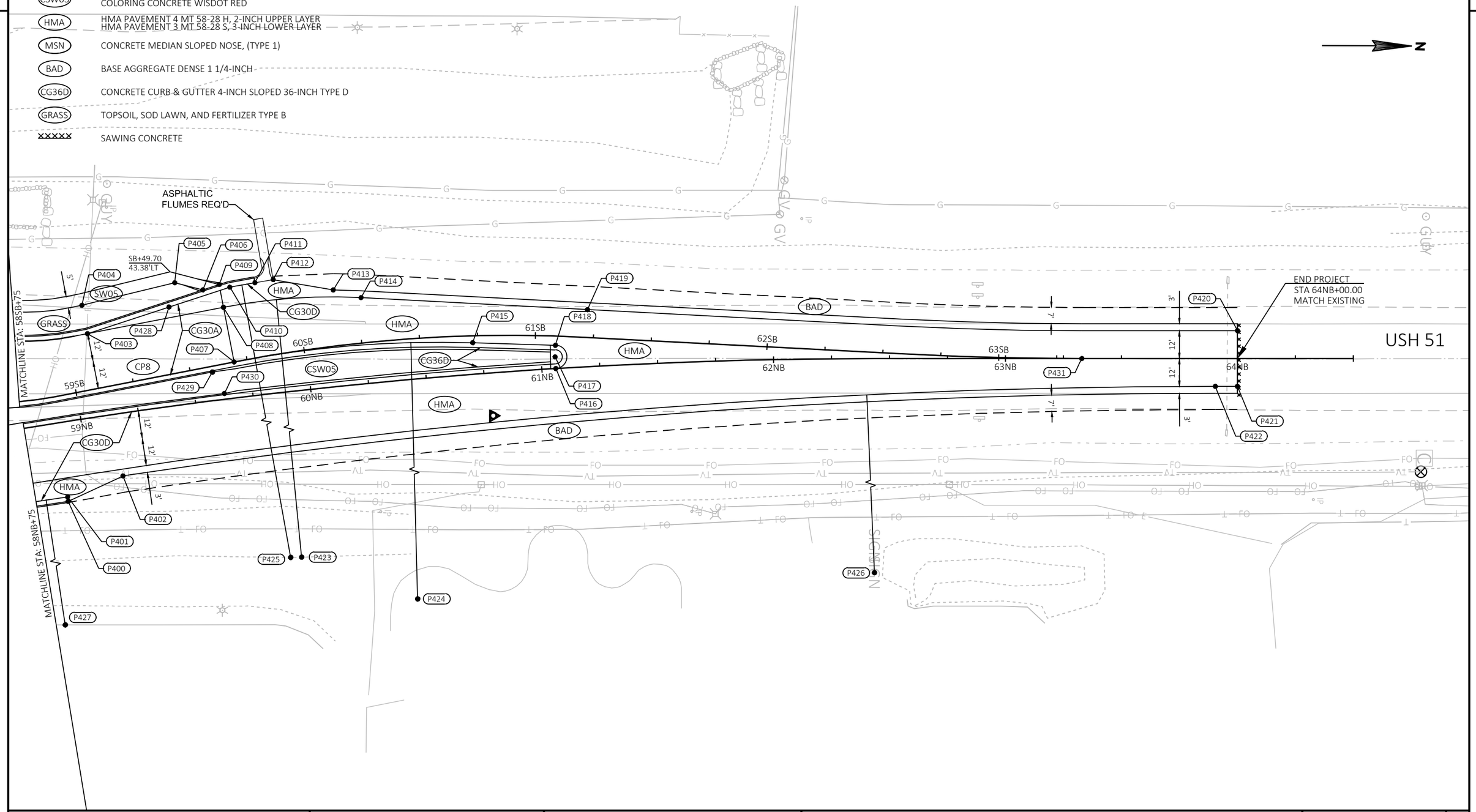
MSN CONCRETE MEDIAN SLOPED NOSE, (TYPE 1)

BAD BASE AGGREGATE DENSE 1 1/4-INCH

CG36D CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D

GRASS TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B

XXXXX SAWING CONCRETE



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021300_PD.DWG
LAYOUT NAME - 021303_pd

PLOT DATE : 8/31/2020 2:50 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
P100	49+80.00 NB	12.0 LT	428461.94	857005.40	---	MATCH EXISTING
P101	49+80.00 NB	12.0 RT	428462.08	857029.40	---	MATCH EXISTING
P102	50+91.41 NB	20.0 LT	428574.92	857001.72	919.58	EDGE OF PAVED SHOULDER
P103	50+87.73 NB	49.8 LT	428573.67	856971.73	---	R=30'
P104	51+17.61 NB	52.4 LT	428603.67	856971.55	---	BEGIN RADIUS
P105	51+15.79 NB	73.3 LT	428603.54	856950.59	---	MATCH EXISTING
P106	51+40.57 NB	75.4 LT	428628.42	856950.44	---	MATCH EXISTING
P107	51+42.48 NB	55.0 LT	428628.66	856970.98	---	BEGIN RADIUS
P108	51+36.04 NB	20.9 LT	428619.47	857004.45	920.06	EOP
P109	51+62.19 NB	29.4 LT	428646.23	856998.10	---	END RADIUS
P110	51+74.43 NB	27.6 LT	428658.28	857000.82	920.39	EDGE OF PAVED SHOULDER
P111	51+72.37 NB	57.6 LT	428658.66	856970.80	---	R=30'
P112	51+94.96 NB	14.0 LT	428677.64	857016.11	920.89	CURB AND GUTTER
P113	51+95.40 NB	9.0 LT	428677.67	857021.11	---	R=5'
P114	51+95.40 NB	4.0 LT	428677.26	857026.09	920.99	CURB AND GUTTER
P115	52+37.39 NB	12.0 RT	428717.82	857045.45	921.10	EOP
P116	52+62.83 NB	3.5 LT	428744.33	857031.55	---	CURB AND GUTTER
P117	53+11.35 NB	16.5 RT	428793.30	857051.60	921.78	EOP
P118	53+56.56 NB	24.0 RT	428840.40	857055.67	922.10	BEGIN TAPER
P119	53+80.24 NB	32.0 RT	428865.97	857060.46	---	END TAPER
P120	54+07.11 NB	32.0 RT	428893.81	857055.65	922.41	CURB AND GUTTER
P121	54+11.09 NB	34.0 RT	428898.30	857056.78	---	BOC; BIKE RAMP OPENING
P122	54+18.08 NB	33.1 RT	428905.33	857054.42	---	BOC; BIKE RAMP OPENING

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
P123	54+20.27 NB	30.3 RT	428907.00	857051.22	922.49	CURB AND GUTTER
P124	54+28.16 NB	38.4 RT	428916.88	857057.31	---	FOS
P125	54+33.42 NB	38.2 RT	428922.28	857055.89	---	FOS
P126	54+33.42 NB	28.6 RT	428920.06	857046.52	922.57	PAVEMENT TYPE TRANSITION
P127	54+33.45 NB	24.0 RT	428919.03	857042.05	---	PAVEMENT TYPE TRANSITION
P128	54+70.10 NB	36.5 RT	428957.57	857045.75	---	FOS
P129	54+70.10 NB	24.0 RT	428954.69	857033.59	922.78	CURB AND GUTTER
P130	54+33.42 NB	0.0	428913.46	857018.70	---	PAVEMENT TYPE TRANSITION
P131	54+38.73 NB	41.2 LT	428909.12	856977.41	922.67	BEGIN TAPER
P132	54+56.63 SB	33.0 LT	428932.62	856966.92	---	END TAPER
P133	54+64.83 SB	32.8 LT	428940.55	856965.83	922.45	END CURB AND GUTTER
P134	54+85.13 SB	32.3 LT	428960.14	856962.90	922.54	CURB AND GUTTER
P135	54+89.62 SB	34.3 LT	428964.09	856960.21	---	BOC; BIKE RAMP OPENING
P136	54+97.39 SB	33.2 LT	428971.73	856959.85	---	BOC; BIKE RAMP OPENING
P137	50+42.12 NB	1911.8 LT	428608.13	855108.49	---	R=1896'
P138	55+22.08 SB	824.0 LT	428833.04	856181.16	---	R=792'
P139	54+33.42 NB	624.0 LT	428769.46	856411.55	---	R=542'
P140	54+33.45 NB	379.0 LT	428826.02	856649.93	---	R=403'
P141	51+03.11 NB	24.0 LT	428586.90	856998.65	---	END RADIUS
P142	54+33.42 NB	624.0 LT	428769.46	856411.55	---	R=656'
P143	53+87.85 NB	32.0 RT	428873.87	857059.18	922.26	END OF CURB AND GUTTER
P144	53+58.26 NB	3.2 LT	428839.11	857028.45	---	CURB AND GUTTER TYPE TRANSITION
P145	53+51.97 SB	2.5 RT	428834.06	857014.24	---	CURB AND GUTTER TYPE TRANSITION

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
P200	54+10.00 EB	12.0 RT	429148.99	856745.16	---	MATCH EXISTING
P201	54+10.00 EB	12.0 LT	429172.99	856745.20	---	MATCH EXISTING
P202	54+25.73 EB	12.0 LT	429172.96	856760.93	---	END CURB AND GUTTER
P203	54+31.73 EB	14.5 LT	429175.45	856766.94	---	BOC; BIKE RAMP OPENING
P204	54+41.20 EB	14.5 LT	429175.43	856776.40	---	BOC; BIKE RAMP OPENING
P205	54+51.92 EB	19.5 LT	429180.41	856787.13	---	FOS
P206	54+59.89 EB	12.0 RT	429148.90	856795.05	919.31	END CURB AND GUTTER
P207	54+65.89 EB	14.5 RT	429146.39	856801.05	---	BOC; BIKE RAMP OPENING
P208	54+75.36 EB	14.5 RT	429146.37	856810.51	---	BOC; BIKE RAMP OPENING
P209	54+96.80 EB	24.5 RT	429136.33	856831.94	---	FOS
P210	55+52.30 EB	31.0 RT	429128.31	856881.71	---	FOS
P211	55+65.73 EB	33.2 RT	429123.87	856890.68	---	FOS
P212	55+67.12 EB	23.2 RT	429133.09	856894.67	---	BOC; CURB RAMP OPENING
P213	55+55.02 EB	21.2 RT	429137.49	856885.67	---	BOC; CURB RAMP OPENING
P214	55+41.89 EB	0.0	429160.24	856877.06	---	EOP
P215	55+59.55 EB	2.5 LT	429159.68	856895.05	---	BOC; CURB RAMP OPENING
P216	55+69.35 EB	2.5 LT	429156.85	856904.65	---	BOC; CURB RAMP OPENING
P217	55+85.14 EB	0.0 LT	429148.42	856918.41	---	CURB AND GUTTER
P218	55+85.00 EB	4.0 LT	429152.07	856920.06	---	R=2'
P219	55+88.42 EB	5.8 LT	429152.07	856924.06	---	CURB AND GUTTER
P220	55+89.93 WB	7.7 RT	429176.34	856925.08	---	CURB AND GUTTER
P221	55+85.81 WB	5.0 RT	429177.22	856920.16	---	R=3'
P222	55+85.81 WB	0.0	429181.86	856918.29	---	CURB AND GUTTER
P223	55+71.50 WB	2.5 RT	429174.48	856905.72	---	BOC; CURB RAMP OPENING
P224	55+71.50 WB	10.1 RT	429167.31	856908.20	---	EDGE OF SIDEWALK
P225	55+61.73 WB	6.8 RT	429167.28	856897.63	---	EDGE OF SIDEWALK
P226	55+61.59 WB	2.7 RT	429171.20	856896.27	---	BOC; CURB RAMP OPENING
P227	55+41.99 WB	0.0	429168.60	856876.57	---	EOP
P228	55+60.83 WB	16.3 LT	429189.11	856889.98	---	BOC; CURB RAMP OPENING
P229	55+60.61 WB	21.3 LT	429193.82	856888.33	---	FOS
P230	55+71.41 WB	21.7 LT	429197.34	856897.69	---	FOS
P231	55+71.43 WB	16.7 LT	429192.62	856899.35	---	BOC; CURB RAMP OPENING
P232	55+77.02 EB	81.0 LT	429226.64	856942.03	---	FOS
P233	57+67.82 SB	42.5 LT	429258.33	856962.38	---	FOS
P234	58+01.20 SB	42.4 LT	429280.47	856978.73	---	FOS
P235	58+16.38 SB	42.1 LT	429289.28	856983.48	---	FOS
P236	58+14.43 SB	32.1 LT	429284.08	856992.08	---	BOC; CURB RAMP OPENING
P237	58+00.90 SB	32.4 LT	429275.29	856987.29	---	BOC; CURB RAMP OPENING
P238	58+10.07 SB	2.5 RT	429266.06	857021.86	---	BOC; CURB RAMP OPENING
P239	58+00.25 SB	2.5 RT	429257.23	857017.15	---	BOC; CURB RAMP OPENING
P240	57+83.70 SB	0.0	429244.82	857005.70	---	CURB AND GUTTER

2

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET	E

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
P241	57+83.70 SB	4.0 RT	429242.36	857008.86	---	R=2'
P242	57+80.69 SB	6.6 RT	429238.37	857009.09	---	CURB AND GUTTER
P243	57+70.72 NB	8.2 LT	429228.06	857052.68	---	CURB AND GUTTER
P244	57+74.57 NB	5.0 LT	429232.39	857055.18	---	R=3'
P245	57+74.40 NB	0.0 LT	429233.06	857060.13	---	CURB AND GUTTER
P246	57+89.69 NB	2.5 LT	429247.71	857055.10	---	BOC; CURB RAMP OPENING
P247	57+89.69 NB	19.6 LT	429244.84	857038.29	---	EDGE OF SIDEWALK
P248	57+99.69 NB	15.9 LT	429255.31	857040.20	---	EDGE OF SIDEWALK
P249	57+99.69 NB	2.5 LT	429257.57	857053.42	---	BOC; CURB RAMP OPENING
P250	58+69.10 NB	0.0	429326.41	857044.21	---	PAVEMENT TYPE TRANSITION
P251	58+67.67 NB	24.0 RT	429329.04	857068.11	924.16	EOP
P252	58+69.10 NB	32.0 RT	429331.78	857075.76	924.00	PAVEMENT TYPE TRANSITION
P253	58+64.70 NB	34.0 RT	429327.79	857078.43	---	BOC; BIKE RAMP OPENING
P254	58+57.06 NB	33.0 RT	429320.10	857078.78	---	BOC; BIKE RAMP OPENING
P255	58+45.12 NB	38.4 RT	429309.23	857086.07	---	FOS
P256	58+05.10 NB	24.0 RT	429267.36	857078.63	923.63	CURB AND GUTTER
P257	57+99.69 NB	26.7 RT	429262.47	857082.17	---	BOC; CURB RAMP OPENING
P258	57+89.69 NB	26.7 RT	429252.62	857083.86	---	BOC; CURB RAMP OPENING
P259	57+89.69 NB	36.7 RT	429254.30	857093.71	---	FOS
P260	57+94.39 NB	36.5 RT	429258.91	857092.75	---	FOS
P261	57+99.74 NB	36.5 RT	429264.18	857091.85	---	FOS
P262	58+05.10 NB	36.5 RT	429269.46	857090.95	---	FOS
P263	58+62.14 WB	87.8 LT	429269.12	857152.27	---	R=73'
P264	58+38.59 WB	71.5 LT	429251.52	857148.11	---	R=44.5'
P265	58+08.27 WB	30.2 LT	429210.65	857130.51	---	FOS
P266	58+07.04 WB	22.3 LT	429202.94	857128.49	---	BOC; CURB RAMP OPENING
P267	58+19.01 WB	20.5 LT	429200.23	857138.11	---	BOC; CURB RAMP OPENING
P268	58+21.03 WB	28.1 LT	429207.77	857139.97	---	FOS
P269	58+52.91 WB	27.7 LT	429210.06	857164.26	---	FOS
P270	58+57.57 WB	28.1 LT	429211.36	857167.61	---	FOS
P271	58+69.05 WB	28.5 LT	429214.60	857175.91	---	FOS
P272	58+82.03 WB	17.5 LT	429209.06	857191.99	---	BOC; BIKE RAMP OPENING
P273	58+90.93 WB	17.5 LT	429212.29	857200.29	---	BOC; BIKE RAMP OPENING
P274	58+97.18 WB	28.5 LT	429224.81	857202.12	---	FOS; DRIVEWAY LIMITS
P275	59+35.18 WB	28.5 LT	429238.60	857237.53	---	FOS; DRIVEWAY LIMITS
P276	59+53.73 WB	28.5 LT	429245.33	857254.81	---	FOS; MATCH EXISTING
P277	59+69.44 EB	25.0 LT	429232.75	857259.71	---	MATCH EXISTING
P278	59+69.44 EB	15.0 RT	429195.48	857274.23	---	MATCH EXISTING
P279	59+19.08 EB	17.5 RT	429174.87	857228.21	---	BOC; BIKE RAMP OPENING
P280	59+09.62 EB	17.5 RT	429171.44	857219.39	---	BOC; BIKE RAMP OPENING
P281	58+98.89 EB	22.5 RT	429162.89	857211.22	---	FOS

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
P282	58+89.24 EB	0.0	429180.35	857194.05	---	PAVEMENT TYPE TRANSITION
P283	58+73.53 WB	0.0	429189.67	857190.42	---	PAVEMENT TYPE TRANSITION
P284	58+14.09 WB	2.5 RT	429177.58	857132.15	---	BOC; CURB RAMP OPENING
P285	58+04.25 WB	2.5 RT	429178.81	857122.18	---	BOC; CURB RAMP OPENING
P286	57+87.74 WB	0.0	429185.09	857106.54	---	CURB AND GUTTER
P287	57+87.74 WB	4.0 RT	429181.27	857105.36	---	R=2'
P288	57+84.45 WB	6.1 RT	429180.39	857101.45	---	CURB AND GUTTER
P289	57+93.23 EB	7.8 LT	429148.48	857102.87	---	CURB AND GUTTER
P290	57+97.38 EB	5.0 LT	429147.81	857107.83	---	R=3'
P291	57+97.38 EB	0.0	429143.33	857110.04	---	CURB AND GUTTER
P292	58+14.60 EB	14.7 LT	429164.16	857118.98	---	EDGE OF SIDEWALK
P293	58+24.54 EB	11.4 LT	429165.55	857129.52	---	EDGE OF SIDEWALK
P294	58+24.82 EB	2.5 LT	429157.67	857133.60	---	BOC; CURB RAMP OPENING
P295	58+14.85 EB	2.5 LT	429153.29	857124.60	---	BOC; CURB RAMP OPENING
P296	58+25.01 EB	17.5 RT	429139.70	857142.38	---	BOC; CURB RAMP OPENING
P297	58+25.07 EB	22.6 RT	429135.14	857144.62	---	FOS
P298	58+14.78 EB	22.7 RT	429130.63	857135.69	---	FOS
P299	58+14.79 EB	17.5 RT	429135.29	857133.41	---	BOC; CURB RAMP OPENING
P300	58+08.23 EB	22.9 RT	429127.57	857129.90	---	FOS
P301	56+67.08 NB	45.3 RT	429103.67	857099.89	---	FOS
P302	56+19.98 NB	42.5 RT	429065.66	857070.29	---	FOS
P303	55+86.41 NB	42.4 RT	429041.32	857053.85	---	FOS
P304	55+71.21 NB	42.1 RT	429032.41	857049.28	---	FOS
P305	55+73.12 NB	32.2 RT	429037.44	857040.58	---	BOC; CURB RAMP OPENING
P306	55+86.66 NB	32.4 RT	429046.33	857045.19	---	BOC; CURB RAMP OPENING
P307	55+77.38 NB	2.5 LT	429054.88	857010.39	---	BOC; CURB RAMP OPENING
P308	55+87.19 NB	2.5 LT	429063.79	857014.95	---	BOC; CURB RAMP OPENING
P309	56+04.10 NB	0.0	429076.76	857026.30	---	CURB AND GUTTER
P310	56+04.10 NB	4.0 LT	429079.04	857023.00	---	R=2'
P311	56+07.11 NB	6.6 LT	429083.01	857022.55	---	CURB AND GUTTER
P312	56+11.70 SB	8.2 RT	429091.53	856977.25	---	CURB AND GUTTER
P313	56+07.85 SB	5.0 RT	429087.11	856974.91	---	R=3'
P314	56+07.98 SB	0.0 RT	429086.22	856970.00	---	CURB AND GUTTER
P315	55+92.73 SB	2.5 RT	429071.80	856975.57	---	BOC; CURB RAMP OPENING
P316	55+82.73 SB	2.5 RT	429062.02	856977.62	---	BOC; CURB RAMP OPENING
P317	55+92.73 SB	26.6 LT	429065.83	856947.07	---	BOC; CURB RAMP OPENING
P318	55+92.73 SB	36.6 LT	429063.77	856937.27	---	FOS
P319	55+82.73 SB	36.5 LT	429054.01	856939.45	---	FOS
P320	55+82.73 SB	26.0 LT	429056.17	856949.73	---	BOC; CURB RAMP OPENING
P321	55+49.66 SB	24.0 LT	429024.22	856958.47	922.42	CURB AND GUTTER
P322	55+49.66 SB	36.5 LT	429021.65	856946.24	---	FOS

2

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021300_PD.DWG
LAYOUT NAME - 021305_pd
PLOT DATE : 8/31/2020 2:50 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
P323	55+22.08 SB	37.8 LT	428994.39	856950.63	---	FOS
P324	55+22.08 SB	27.4 LT	428996.51	856960.76	922.62	PAVEMENT TYPE TRANSITION
P325	55+22.08 SB	24.0 LT	428997.22	856964.13	---	PAVEMENT TYPE TRANSITION
P326	55+09.95 SB	38.4 LT	428982.72	856952.37	---	FOS
P327	55+03.59 SB	29.8 LT	428978.31	856962.04	922.62	CURB AND GUTTER
P328	55+92.73 SB	21.2 RT	429075.64	856993.88	---	EDGE OF SIDEWALK
P329	55+82.73 SB	17.4 RT	429065.08	856992.25	---	EDGE OF SIDEWALK
P330	57+00.89 NB	57.9 LT	429160.51	857013.74	927.42	R=43'
P331	58+12.04 EB	130.3 RT	429032.89	857180.80	---	R=107.5'
P332	59+69.47 EB	412.8 RT	428824.83	857418.64	---	R=423.5'
P333	55+15.00 SB	28.4 LT	428989.54	856961.25	922.67	EOP; HIGH POINT
P334	55+08.06 EB	12.0 RT	429148.81	856843.22	920.06	PAVEMENT TYPE TRANSITION
P335	55+06.21 EB	14.1 LT	429174.96	856841.42	920.10	PAVEMENT TYPE TRANSITION
P336	59+35.18 WB	35.5 LT	429245.12	857234.99	---	MATCH EXISTING
P337	58+97.18 WB	35.5 LT	429231.33	857199.58	---	MATCH EXISTING
P338	54+51.89 EB	12.0 RT	429148.91	856787.05	---	EOP
P339	54+17.73 EB	12.0 LT	429172.98	856752.93	---	EOP

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
P400	58+89.13 NB	34.2 RT	429351.60	857074.69	---	END CURB AND GUTTER
P401	58+89.18 NB	32.2 RT	429351.34	857072.71	924.09	END CURB AND GUTTER
P402	59+14.44 NB	26.9 RT	429375.16	857063.63	---	END TAPER
P403	59+09.66 SB	24.0 LT	429359.69	857002.34	924.12	CURB AND GUTTER
P404	59+09.66 SB	36.5 LT	429357.27	856990.08	---	FOS
P405	59+50.80 SB	38.4 LT	429397.25	856980.20	---	FOS
P406	59+62.09 SB	33.1 LT	429409.36	856983.27	---	BOC; BIKE RAMP OPENING
P407	59+69.37 SB	0.0	429422.92	857014.30	---	PAVEMENT TYPE TRANSITION
P408	59+69.37 SB	24.0 LT	429418.26	856990.76	---	PAVEMENT TYPE TRANSITION
P409	59+69.47 SB	34.0 LT	429416.43	856980.93	---	BOC; BIKE RAMP OPENING
P410	59+73.50 SB	32.0 LT	429420.98	856982.08	923.87	CURB AND GUTTER
P411	59+83.96 SB	32.0 LT	429431.79	856980.11	923.80	END CURB AND GUTTER
P412	59+91.56 SB	32.0 LT	429439.67	856978.74	---	END TAPER
P413	60+14.00 NB	41.6 LT	429465.58	856983.13	923.97	BEGIN TAPER
P414	60+26.68 SB	19.5 LT	429477.57	856986.42	924.01	EOP
P415	60+72.92 SB	3.0 RT	429525.79	857005.70	924.24	CURB AND GUTTER
P416	61+06.02 NB	0.0	429561.62	857016.69	924.02	CURB AND GUTTER
P417	61+06.02 NB	5.0 LT	429561.30	857011.70	---	R=5'
P418	61+08.77 SB	4.0 RT	429561.44	857006.70	924.09	CURB AND GUTTER
P419	61+21.04 NB	24.6 LT	429575.18	856991.22	923.71	EOP
P420	64+00.00 NB	12.0 LT	429855.46	856999.46	---	MATCH EXISTING
P421	64+00.00 NB	12.0 RT	429855.54	857023.46	---	MATCH EXISTING
P422	63+90.45 NB	12.0 RT	429845.99	857023.49	923.81	EOP
P423	59+85.60 NB	203.9 RT	429465.58	857230.13	---	R=244'
P424	60+09.10 NB	446.1 RT	429512.71	857468.51	---	R=463'
P425	60+28.39 NB	606.4 RT	429543.93	857626.46	---	R=656'
P426	63+90.45 NB	3145.0 RT	429856.00	860156.46	---	R=3133'
P427	58+67.64 NB	824.0 RT	429463.57	857856.71	---	R=792'
P428	59+46.34 SB	28.6 LT	429394.78	856990.73	924.23	EOP; HIGH POINT
P429	59+59.37 SB	2.5 RT	429413.59	857018.69	---	CURB AND GUTTER TYPE TRANSITION
P430	59+62.83 NB	2.5 LT	429418.79	857027.92	---	CURB AND GUTTER TYPE TRANSITION
P431	63+32.90 NB	0.0	429788.40	857011.67	923.85	CENTERLINE

2

N

MATCHLINE STA: 55SB+00

HIGH POINT
SB+70.93, 923.29'

USH 51

50NB 50SB 51NB 51SB 52SB 52NB 53SB 53NB 54SB 54NB 55SB 55NB

MATCHLINE STA: 55NB+00

HIGH POINT
NB+68.17, 923.26'

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021400_PG.DWG
LAYOUT NAME - 021401_pg

PLOT DATE : 8/31/2020 2:50 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

MATCHLINE STA: 58SB+75

MATCHLINE STA: 58NB+75

N

ROBY ROAD

DEER POINT DRIVE

USH 51

HIGH POINT
RBT+27.76, 923.39'

LOW POINT
RBT+09.92, 921.42'

HIGH POINT
SEA+55.00, 922.85'

LOW POINT
SEA+79.08, 922.09'

MATCHLINE STA: 55SB+00

MATCHLINE STA: 55NB+00

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PAVEMENT GRADES	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\021400_PG.DWG
LAYOUT NAME - 021402_pg

PLOT DATE : 8/31/2020 2:50 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

USH 51

MATCHLINE STA: 58SB+75

MATCHLINE STA: 58NB+75

924.08 924.20 924.30 924.18 923.87 923.80 924.07 924.01 923.96 923.89 923.80 923.69 923.57 923.48 923.41 923.38 923.38 923.42 923.48 923.58 923.67 923.76 923.84

+0.2% +0.7% -1.5% -2.0%

924.56 924.65 924.68 924.63 924.53 924.41 924.29 924.17 924.17 924.05 923.93 923.81 923.72 923.65 923.62 923.62 923.66 923.73 923.82 923.91 924.00 924.08

59SB 59NB 60SB 60NB 61SB 61NB 62SB 62NB 63SB 63NB 64NB

924.77 924.79 924.74 924.63 924.51 924.40 924.28 924.16 924.05 923.93 923.82 923.72 923.66 923.63 923.63 923.66 923.73 923.82 923.91 924.00 924.08

924.42 924.30 924.33 923.38 923.47 923.57 923.66 923.76 923.84

924.68 924.63 924.53 924.41 924.29 924.17 924.05 923.93 923.81 923.72 923.65 923.62

924.68 924.63 924.51 924.40 924.28 924.16 924.05 923.93 923.82 923.72 923.66 923.63

924.56 924.65 924.79 924.74 924.63 924.51 924.40 924.28 924.16 924.05 923.93 923.82 923.72 923.66 923.63

924.77 924.79 924.74 924.63 924.51 924.40 924.28 924.16 924.05 923.93 923.82 923.72 923.66 923.63

924.30 923.31 923.30

924.68 924.63 924.53 924.41 924.29 924.17 924.05 923.93 923.81 923.72 923.65 923.62

2

TOP SOIL, SOD LAWN, AND FERTILIZER TYPE B

TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS I TYPE A

INLET PROTECTION (TYPE)

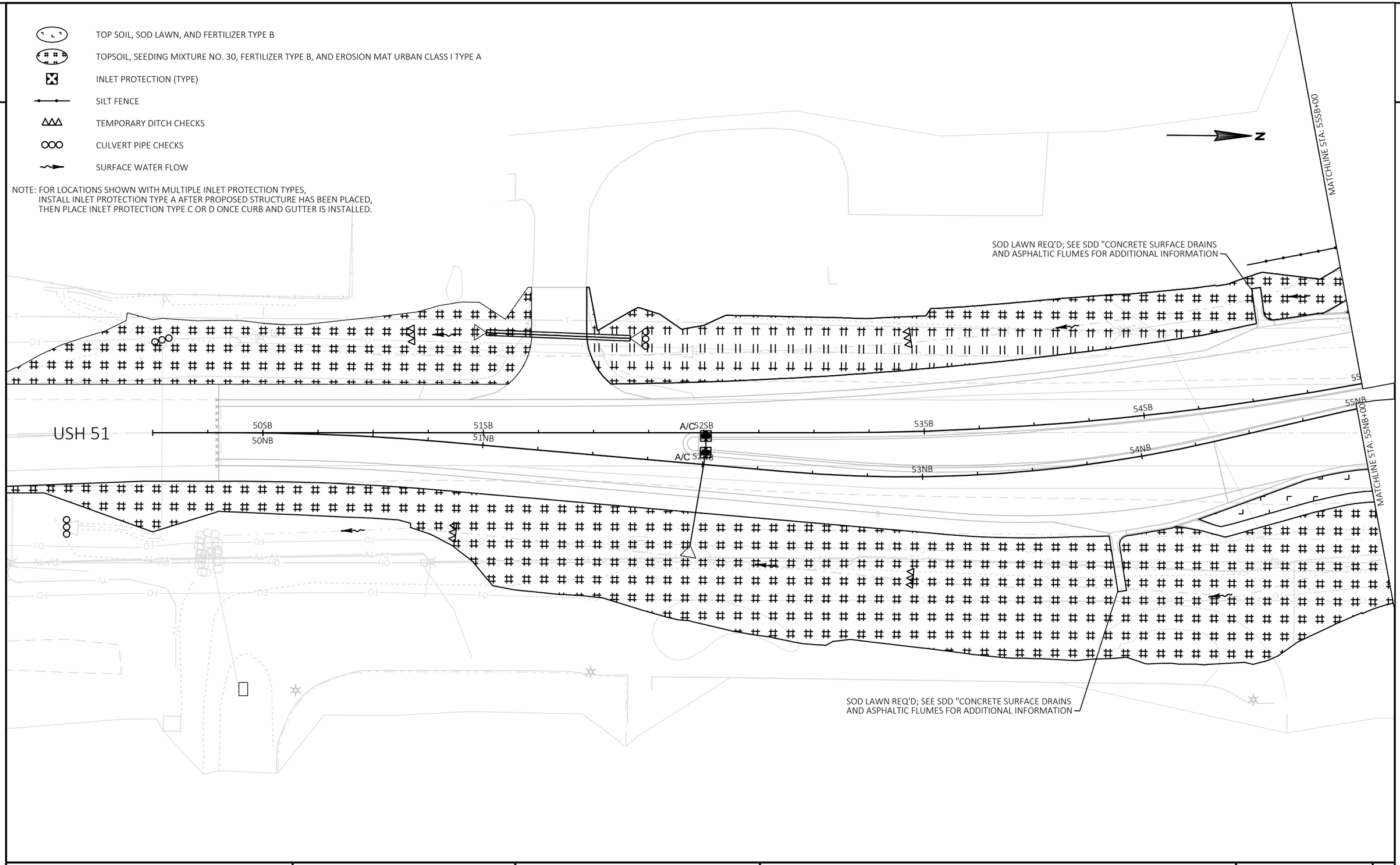
SILT FENCE

TEMPORARY DITCH CHECKS

CULVERT PIPE CHECKS

SURFACE WATER FLOW

NOTE: FOR LOCATIONS SHOWN WITH MULTIPLE INLET PROTECTION TYPES,
INSTALL INLET PROTECTION TYPE A AFTER PROPOSED STRUCTURE HAS BEEN PLACED,
THEN PLACE INLET PROTECTION TYPE C OR D ONCE CURB AND GUTTER IS INSTALLED.



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\022100_EC.DWG
LAYOUT NAME - 022101_ec

PLOT DATE : 8/31/2020 2:51 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

TOP SOIL, SOD LAWN, AND FERTILIZER TYPE B

TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS I TYPE A

INLET PROTECTION (TYPE)

SILT FENCE

TEMPORARY DITCH CHECKS

CULVERT PIPE CHECKS

SURFACE WATER FLOW

NOTE: FOR LOCATIONS SHOWN WITH MULTIPLE INLET PROTECTION TYPES, INSTALL INLET PROTECTION TYPE A AFTER PROPOSED STRUCTURE HAS BEEN PLACED, THEN PLACE INLET PROTECTION TYPE C OR D ONCE CURB AND GUTTER IS INSTALLED.

MATCHLINE STA: 58SB+75

MATCHLINE STA: 58NB+75

N

ROBY ROAD

DEER POINT DRIVE

SOD LAWN REQ'D; SEE SDD "CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES FOR ADDITIONAL INFORMATION

SOD LAWN REQ'D; SEE SDD "CONCRETE SURFACE DRAINS AND ASPHALTIC FLUMES FOR ADDITIONAL INFORMATION

PLACED SALVAGED TOPSOIL IN ROUNDABOUT CENTRAL ISLAND

CITY OF STOUGHTON TO PLACE LANDSCAPE AFTER COMPLETION OF PROJECT

MATCHLINE STA: 55SB+00

MATCHLINE STA: 55NB+00

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\022100_EC.DWG
LAYOUT NAME - 022102_ec

PLOT DATE : 8/31/2020 2:51 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

TOP SOIL, SOD LAWN, AND FERTILIZER TYPE B

TOPSOIL, SEEDING MIXTURE NO. 30, FERTILIZER TYPE B, AND EROSION MAT URBAN CLASS I TYPE A

INLET PROTECTION (TYPE)

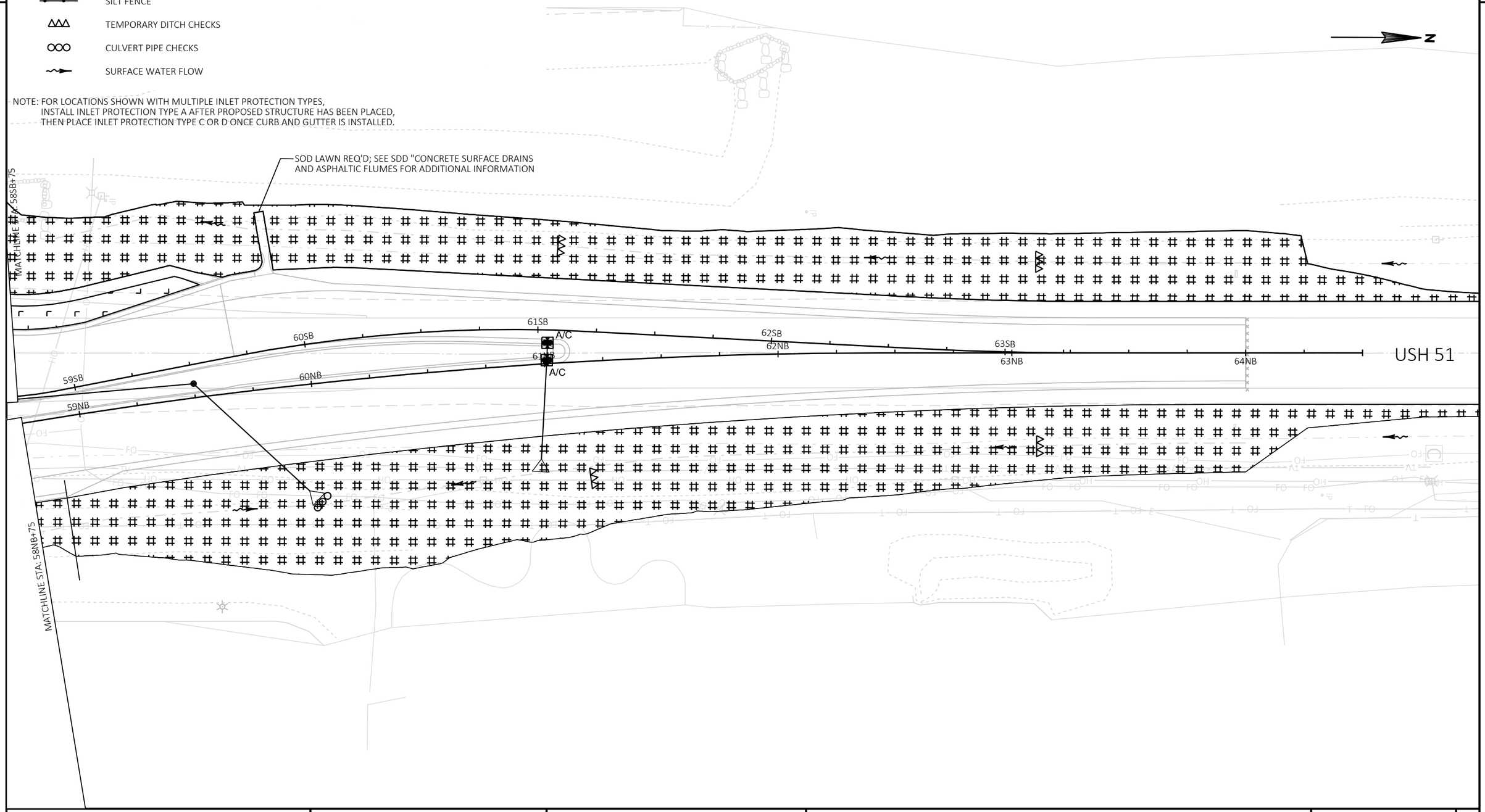
SILT FENCE

TEMPORARY DITCH CHECKS

CULVERT PIPE CHECKS

SURFACE WATER FLOW

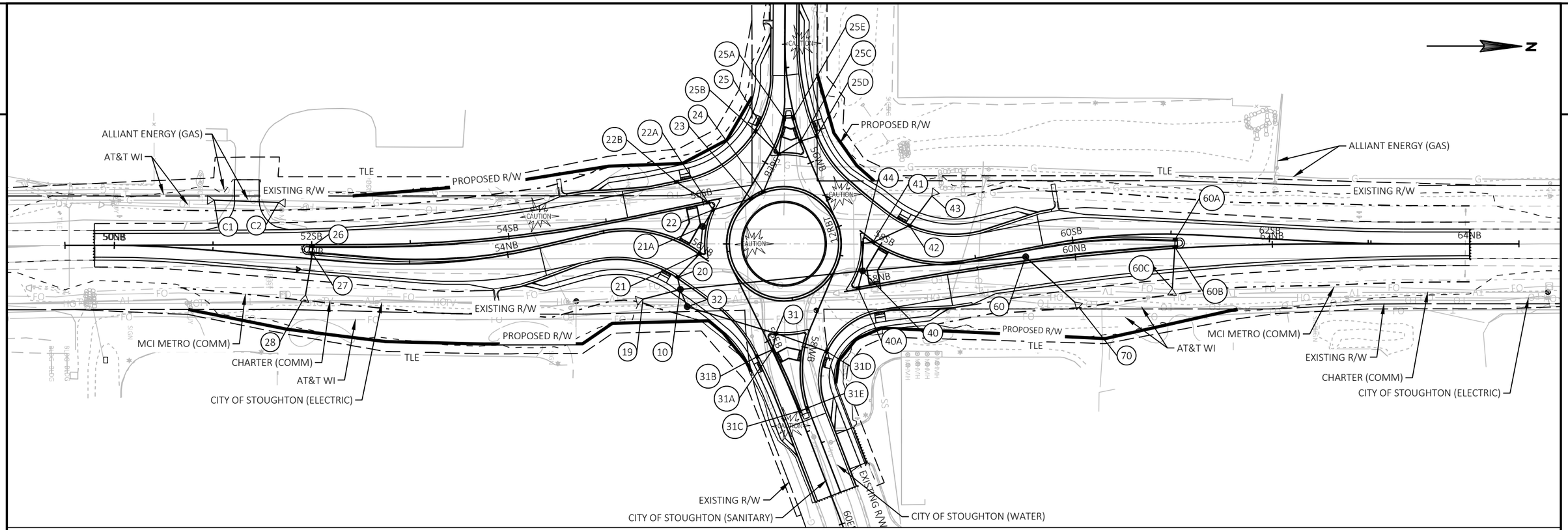
NOTE: FOR LOCATIONS SHOWN WITH MULTIPLE INLET PROTECTION TYPES,
INSTALL INLET PROTECTION TYPE A AFTER PROPOSED STRUCTURE HAS BEEN PLACED,
THEN PLACE INLET PROTECTION TYPE C OR D ONCE CURB AND GUTTER IS INSTALLED.

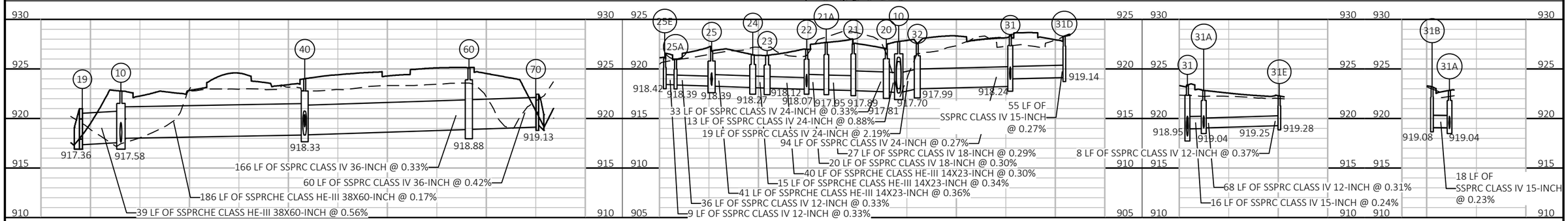


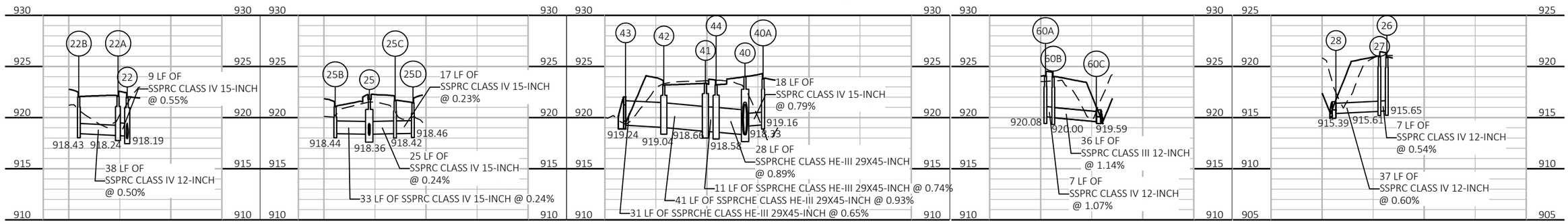
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	EROSION CONTROL	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\022100_EC.DWG
LAYOUT NAME - 022103_ec
PLOT DATE : 8/31/2020 2:51 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2







PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	STORM SEWER	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\022500_SS.DWG
LAYOUT NAME - 022501_ss
PLOT DATE : 8/31/2020 2:52 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

STRUCT NO.	STATION		OFFSET	C-C (FT)	TO STRUCT	INLET TYPE	COVER	MH TYPE	COVER	RIM/ GRATE ELEV.	T.O.S. ELEV.	DEPTH (FT)	DISCHARGE PIPE					PIPE TABLE REMARKS
													SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)	
10	56+06.08	NB	40.0 'RT	31.0	19	-	-	8-FT	L	922.77	922.27	4.69	38x60	917.58	917.36	31	0.71%	2-INCHES ADJUSTING RINGS REQ'D
19	55+20.68	SB	83.9 'RT	-	-	-	-	-	-	-	-	-	38x60	917.36	-	-	-	APRON ENDWALLS FOR RCCP HORIZONTAL ELLIPTICAL 38X60-INCH REQ'D
20	55+96.24	NB	31.5 'RT	12.5	10	-	H	5-FT	-	921.90	921.07	3.37	24	917.70	917.59	13	0.88%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D; WEIR WALL 20 REQ'D
21	56+01.60	NB	1.5 'LT	33.3	20	4-FT	H	-	-	922.40	921.57	3.76	24	917.81	917.70	33	0.33%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D
TEMP	56+11.86	NB	32.0 'LT	24.4	21A	2x2.5-FT	S	-	-	921.50	920.50	2.49	12	918.01	917.89	24	0.50%	STAGE 2 TEMPORARY DRAINAGE STRUCTURE; CULVERT PIPE REQ'D
21A	55+90.14	NB	25.7 'LT	27.3	21	-	-	4-FT	J	922.68	921.43	3.54	18	917.89	917.81	27	0.29%	
22	55+90.38	NB	45.6 'LT	19.9	21A	4-FT	H	-	-	921.84	921.34	3.38	18	917.95	917.89	20	0.30%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D; 2-INCHES ADJUSTING RINGS REQ'D
22A	56+04.93	SB	1.5 'RT	9.1	22	4-FT	H	-	-	921.97	921.14	2.90	15	918.24	918.19	9	0.55%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D
22B	55+77.78	SB	25.5 'LT	38.3	22A	4-FT	H	-	-	921.90	921.07	2.64	12	918.43	918.24	38	0.50%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D
23	13+09.95	RBT	1.5 'LT	40.0	22	-	T	5-FT	-	921.28	920.69	2.62	14X23	918.07	917.95	40	0.30%	FLAT TOP SLAB WITH 2'X2.5' OPENING REQ'D; 2-INCHES ADJUSTING RINGS REQ'D
24	12+95.00	RBT	1.5 'LT	14.5	23	-	T	5-FT	-	921.34	920.75	2.63	14X23	918.12	918.07	15	0.34%	FLAT TOP SLAB WITH 2'X2.5' OPENING REQ'D; 2-INCHES ADJUSTING RINGS REQ'D
25	55+85.87	EB	8.1 'LT	41.5	24	-	H-S	6-FT	-	921.66	921.16	2.89	14X23	918.27	918.12	41	0.36%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D; 2-INCHES ADJUSTING RINGS REQ'D
25A	55+51.29	EB	1.5 'LT	36.4	25	2x3-FT	H	-	-	920.82	920.32	1.93	12	918.39	918.27	36	0.33%	2-INCHES ADJUSTING RINGS REQ'D
25B	55+73.49	EB	23.2 'RT	33.3	25	2x3-FT	H	-	-	920.96	920.46	2.01	15	918.44	918.36	33	0.24%	2-INCHES ADJUSTING RINGS REQ'D
25C	55+76.00	WB	1.5 'RT	25.3	25	2x3-FT	H	-	-	921.52	920.69	2.27	15	918.42	918.36	25	0.24%	
25D	55+76.77	WB	16.0 'LT	17.5	25C	2x3-FT	H	-	-	921.31	920.48	2.02	15	918.46	918.42	17	0.23%	
25E	55+51.35	WB	1.5 'RT	9.0	25A	2x3-FT	H	-	-	920.98	920.48	2.06	12	918.42	918.39	9	0.33%	2-INCHES ADJUSTING RINGS REQ'D
26	52+00.97	SB	1.5 'RT	7.5	27	2x3-FT	HM	-	-	920.73	919.90	4.25	12	915.65	915.61	7	0.54%	
27	52+00.94	NB	5.5 'LT	36.6	28	2x3-FT	HM	-	-	920.83	920.00	4.39	12	915.61	915.39	37	0.60%	
28	51+97.54	NB	37.0 'RT	-	-	-	-	-	-	-	-	-	12	915.39	-	-	-	APRON ENDWALLS FOR RCCP 12" REQ'D
31	57+96.50	EB	10.9 'LT	94.0	32	4-FT	H	-	-	922.99	922.16	3.92	24	918.24	917.99	94	0.27%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D
31A	58+09.72	EB	1.1 'LT	16.5	31	4-FT	H-S	-	-	922.63	921.80	2.81	15	918.99	918.95	16	0.24%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D
31B	58+09.30	EB	16.6 'RT	17.6	31A	2x3-FT	H	-	-	922.94	922.11	3.03	15	919.08	919.04	18	0.23%	
31C	58+77.91	EB	1.1 'LT	68.3	31A	2x3-FT	H	-	-	922.02	921.19	1.94	12	919.25	919.04	68	0.31%	
31D	57+99.53	WB	22.6 'LT	54.6	31	2x3-FT	H	-	-	922.59	921.76	2.61	15	919.14	918.99	55	0.27%	
31E	58+62.31	WB	1.0 'RT	8.1	31C	2x3-FT	H	-	-	922.08	921.25	1.97	12	919.28	919.25	8	0.37%	
32	10+33.42	RBT	59.0 'RT	18.8	10			5-FT	J	922.56	921.31	3.32	24	917.99	917.58	19	2.19%	
40	57+84.81	NB	17.6 'LT	185.7	10	-	-	9-FT	J	924.01	923.09	4.76	38x60	918.33	917.59	186	0.40%	2-INCHES ADJUSTING RINGS REQ'D
40A	57+77.50	NB	1.5 'LT	17.7	40	2x3-FT	H	-	-	923.67	922.84	3.54	15	919.30	919.16	18	0.79%	
41	57+92.12	SB	1.5 'RT	10.8	44	-	H	7-FT	-	923.15	922.65	3.99	29X45	918.66	918.58	11	0.73%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D; 2-INCHES ADJUSTING RINGS REQ'D
42	58+20.59	SB	30.9 'LT	40.8	41	-	H	7-FT	-	923.04	922.54	3.50	29X45	919.04	918.66	41	0.93%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D; 2-INCHES ADJUSTING RINGS REQ'D
43	58+42.57	SB	66.2 'LT	30.6	42	-	-	-	-	-	-	-	29X45	919.24	919.04	31	0.65%	APRON ENDWALLS FOR RCCP HORIZONTAL ELLIPTICAL 29X45-INCH REQ'D
44	57+84.38	SB	8.7 'RT	28.0	40	-	H-S	8-FT	-	923.07	922.57	3.99	29X45	918.58	918.33	28	0.89%	FLAT TOP SLAB WITH 2'X3' OPENING REQ'D; 2-INCHES ADJUSTING RINGS REQ'D
60	59+50.00	NB	6.0 'LT	165.9	40	-	-	6-FT	J	925.13	923.88	5.00	36	918.88	918.33	166	0.33%	
60A	61+01.85	NB	8.9 'LT	7.4	60B	2x3-FT	HM	-	-	923.91	923.08	3.00	12	920.08	920.00	7	1.07%	
60B	61+01.14	NB	1.5 'LT	36.3	60C	2x3-FT	HM	-	-	923.84	923.01	3.01	12	920.00	919.59	36	1.14%	
60C	60+96.02	NB	40.5 'RT	-	-	-	-	-	-	-	-	-	12	919.59	-	-	-	APRON ENDWALLS FOR RCCP 12" REQ'D
70	59+94.23	NB	45.4 'RT	59.5	60	-	-	-	-	-	-	-	36	919.13	918.88	60	0.42%	APRON ENDWALLS FOR RCCP 36" REQ'D
C2	51+66.59	SB	42.8 'LT	58.2	C1	-	-	-	-	-	-	-	24	917.18	915.74	58	2.48%	APRON ENDWALLS FOR CULVERT PIPE 24-INCH; CULVERT PIPE CLASS III-A
C1	51+01.41	SB	45.4 'LT	-	-	-	-	-	-	-	-	-	24	915.74	-	-	-	APRON ENDWALLS FOR CULVERT PIPE 24-INCH

2

PIPE UNDERDRAIN WRAPPED 6-INCH

STORM SEWER STRUCTURE

N

ROBY ROAD

END CONSTRUCTION
STA 59EB+70.00
MATCH EXISTING

BEGIN CONSTRUCTION
STA 54EB+10.00
MATCH EXISTING

DEER POINT DRIVE

55WB
55EB
59WB
59EB
SIGN
GUY
WV
MH
OHU
TV
FO
G
SS
SSNB
SSSB

2

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PIPE UNDERDRAINS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\022600_PU.DWG
LAYOUT NAME - 022601_pu

PLOT DATE : 8/31/2020 2:52 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

N

USH 51

MATCHLINE STA: 55SB+00

MATCHLINE STA: 55NB+00

50SB 50NB 51SB 51NB 52SB 52NB 53SB 53NB 54SB 54NB

W6-1
36"X36"
1-10

REMOVE
1-09

DO NOT ENTER
R5-1
30"X30"
1-08

SOUTH 51
M1-4
24"X24"
1-07

200-FT

W2-6
30"X30"
1-01B

15 MPH
W13-1
18"X18"
1-01A

51 NORTH
Deer Point Dr
Roby Rd
D1-1
132"X60"
1-02

R4-7
24"X30"
1-03B

W5-56
18"X18"
1-03A

W3-2
36"X36"
1-04

1-05

1-06

R3-8CC
36"X30"

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\023300_PS.DWG
LAYOUT NAME - 023301_ps

PLOT DATE : 8/31/2020 2:53 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

(XXX) DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

MATCHLINE STA: 58SB+75

MATCHLINE STA: 58NB+75

MATCHLINE STA: 55NB+00

MATCHLINE STA: 55SB+00

N

2-19B YIELD R1-2 36"X31"

ONE WAY R6-2R 24"X30" 2-19A

YIELD R1-2 36"X31" 2-20B

TO TRAFFIC FROM LEFT R1-54 24"X15" 2-20A

2-18 W4-2R 36"X36" 2-17

2-15 NORTH 51 D1-1 42"X30"

2-16 NO PASSING ZONE REMOVE

STOP REMOVE 2-14

YIELD R1-2 36"X31" 2-13B

TO TRAFFIC FROM LEFT R1-54 24"X15" 2-13A

YIELD R1-2 36"X31" 2-12B

ONE WAY R6-2R 24"X30" 2-12A

1 HOUR PARKING 8AM-6PM REMOVE BY OTHERS

2-27A W2-6 30"X30"

2-27B 15 MPH W13-1 18"X18"

PLACE IN NORTHWEST QUADRANT OF ROBY ROAD AND NYGAARD STREET

ROBY ROAD

2-21 Deer Point Dr D1-1 90"X15"

DEER POINT DRIVE

2-25A 2-25B 2-24B 2-24A

R6-1R 36"X12" ONE WAY

2-22A 2-22B

R6-4B 60"X24"

2-23B 2-23A

2-04 STOP REMOVE

STREET SIGN REMOVE BY OTHERS

REMOVE BY OTHERS

500-FT

W2-6 30"X30" 2-26A

15 MPH W13-1 18"X18" 2-26B

R4-7 24"X30" 2-01

YIELD R1-2 36"X31" 2-02B

ONE WAY R6-2R 24"X30" 2-02A

YIELD R1-2 36"X31" 2-03B

TO TRAFFIC FROM LEFT R1-54 24"X15" 2-03A

2-06 2-07 W4-2R 36"X36"

2-05 SOUTH 51 D1-1 42"X30"

2-08B YIELD R1-2 36"X31"

ONE WAY R6-2R 24"X30" 2-08A

YIELD R1-2 36"X31" 2-09B

TO TRAFFIC FROM LEFT R1-54 24"X15" 2-09A

R4-7 24"X30"

2-10 Roby Rd D1-1 60"X15"

1 HOUR PARKING 8AM-6PM 2-11

REMOVE BY OTHERS

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\023300_PS.DWG
LAYOUT NAME - 023302_ps

PLOT DATE : 8/31/2020 2:53 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

EXISTING SIGN MOUNTED ON POST(S)

PROPOSED SIGN MOUNTED ON POST(S)

XXX DENOTES SIGN NUMBER

(X) INDICATES SIGN SIZE

N

MATCHLINE STA: 58SB+75

MATCHLINE STA: 58NB+75

R3-8CC 36"X30" 3-06

3-07

W3-2 36"X36" 3-08

SPEED LIMIT 45 REMOVE 3-09

51 SOUTH

Roby Rd

Deer Point Dr

D1-1 132"X60" 3-10

W2-6 30"X30"

15 MPH

W13-1 18"X18" 3-11A

3-11B

200-FT

60SB 61SB 62SB 63SB 64NB

59SB 60NB 61NB 62NB 63NB

59NB

NORTH 51 M1-4 24"X24" 3-01

DO NOT ENTER R5-1 30"X30" 3-03

R4-7 24"X30" 3-02B

W5-56 18"X18" 3-02A

SPEED LIMIT 55 R2-1 24"X30" 3-04

SPEED LIMIT 55 REMOVE 3-05

USH 51

2

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\023300_PS.DWG
LAYOUT NAME - 023303_ps

PLOT DATE : 8/31/2020 2:53 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- LIGHTING CONTROL CABINETS. 120/240 30-INCH
- ELECTRICAL SERVICE METER BREAKER PEDESTAL
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH, UNLESS NOTED OTHERWISE
- PULL BOXES NON-CONDUCTIVE 24x42-INCH
- LIGHT POLE, ONE ARM MOUNTED LUMINAIRE

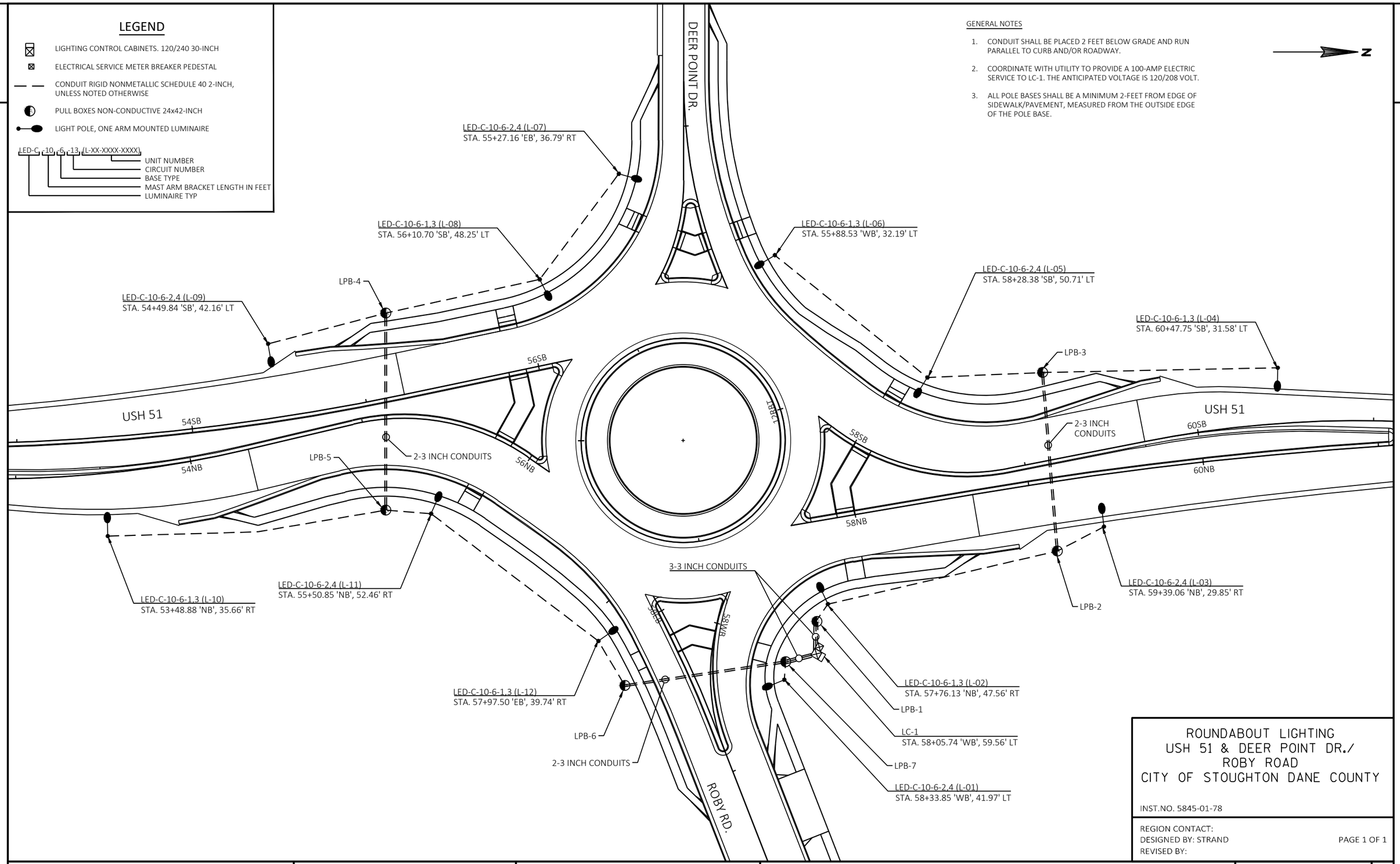
LED-C-10-6-13-(L-XX-XXXX-XXXX)

- LUMINAIRE TYP
- MAST ARM BRACKET LENGTH IN FEET
- BASE TYPE
- CIRCUIT NUMBER
- UNIT NUMBER

GENERAL NOTES

1. CONDUIT SHALL BE PLACED 2 FEET BELOW GRADE AND RUN PARALLEL TO CURB AND/OR ROADWAY.
2. COORDINATE WITH UTILITY TO PROVIDE A 100-AMP ELECTRIC SERVICE TO LC-1. THE ANTICIPATED VOLTAGE IS 120/208 VOLT.
3. ALL POLE BASES SHALL BE A MINIMUM 2-FEET FROM EDGE OF SIDEWALK/PAVEMENT, MEASURED FROM THE OUTSIDE EDGE OF THE POLE BASE.

N



ROUNDABOUT LIGHTING
USH 51 & DEER POINT DR./ ROBY ROAD
CITY OF STOUGHTON DANE COUNTY

INST.NO. 5845-01-78

REGION CONTACT:
DESIGNED BY: STRAND
REVISED BY:

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	LIGHT POLE LOCATIONS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\023501_LP.DWG
LAYOUT NAME - 023501_lp
PLOT DATE : 8/31/2020 2:53 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- LIGHTING CONTROL CABINETS. 120/240 30-INCH
- ELECTRICAL SERVICE METER BREAKER PEDESTAL
- CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH, UNLESS NOTED OTHERWISE
- PULL BOXES NON-CONDUCTIVE 24x42-INCH
- LIGHT POLE, ONE ARM MOUNTED LUMINAIRE

LED-C-10-6-13-(L-XX-XXXX-XXXX)

- UNIT NUMBER
- CIRCUIT NUMBER
- BASE TYPE
- MAST ARM BRACKET LENGTH IN FEET
- LUMINAIRE TYP

N

2

DEER POINT DR.

LED-C-10-6-2,4 (L-07)
STA. 55+27.16 'EB', 36.79' RT

CIRCUITS 2,4
2~#10, #10 GND

LED-C-10-6-1,3 (L-08)
STA. 56+10.70 'SB', 48.25' LT

CIRCUITS 1,3 & 2,4
4~#10, #10 GND

LED-C-10-6-2,4 (L-09)
STA. 54+49.84 'SB', 42.16' LT

CIRCUITS 2,4
4~#10, 2~ #10 GND

LED-C-10-6-1,3 (L-06)
STA. 55+88.53 'WB', 32.19' LT

CIRCUITS 1,3
2~#10, #10 GND

LED-C-10-6-2,4 (L-05)
STA. 58+28.38 'SB', 50.71' LT

CIRCUITS 1,3
4~#10, #10 GND

CIRCUITS 1,3 & 2,4
4~#10, 2~#10 GND

LED-C-10-6-1,3 (L-04)
STA. 60+47.75 'SB', 31.58' LT

USH 51

US 51

US 51

US 51

CIRCUITS 1,3 & 2,4
4~#10, #10 GND

CIRCUITS 1,3
4~#10, #10 GND

CIRCUITS 1,3 & 2,4
4~#10, 2~#10 GND

LED-C-10-6-1,3 (L-10)
STA. 53+48.88 'NB', 35.66' RT

LED-C-10-6-2,4 (L-11)
STA. 55+50.85 'NB', 52.46' RT

CIRCUITS 1,3 & 2,4
4~#10, #10 GND

LED-C-10-6-1,3 (L-12)
STA. 57+97.50 'EB', 39.74' RT

CIRCUITS 1,3 & 2,4
4~#10, #10 GND

LED-C-10-6-1,3 (L-02)
STA. 57+76.13 'NB', 47.56' RT

LC-1
STA. 58+05.74 'WB', 59.56' LT

LED-C-10-6-2,4 (L-01)
STA. 58+33.85 'WB', 41.97' LT

CIRCUITS 1,3 & 2,4
4~#10, #10 GND

LED-C-10-6-2,4 (L-03)
STA. 59+39.06 'NB', 29.85' RT

CIRCUITS 2,4
4~#10, 2~#10 GND

ROBY RD.

ROUNDABOUT LIGHTING
USH 51 & DEER POINT DR./ ROBY ROAD
CITY OF STOUGHTON DANE COUNTY

INST.NO. 5845-01-78

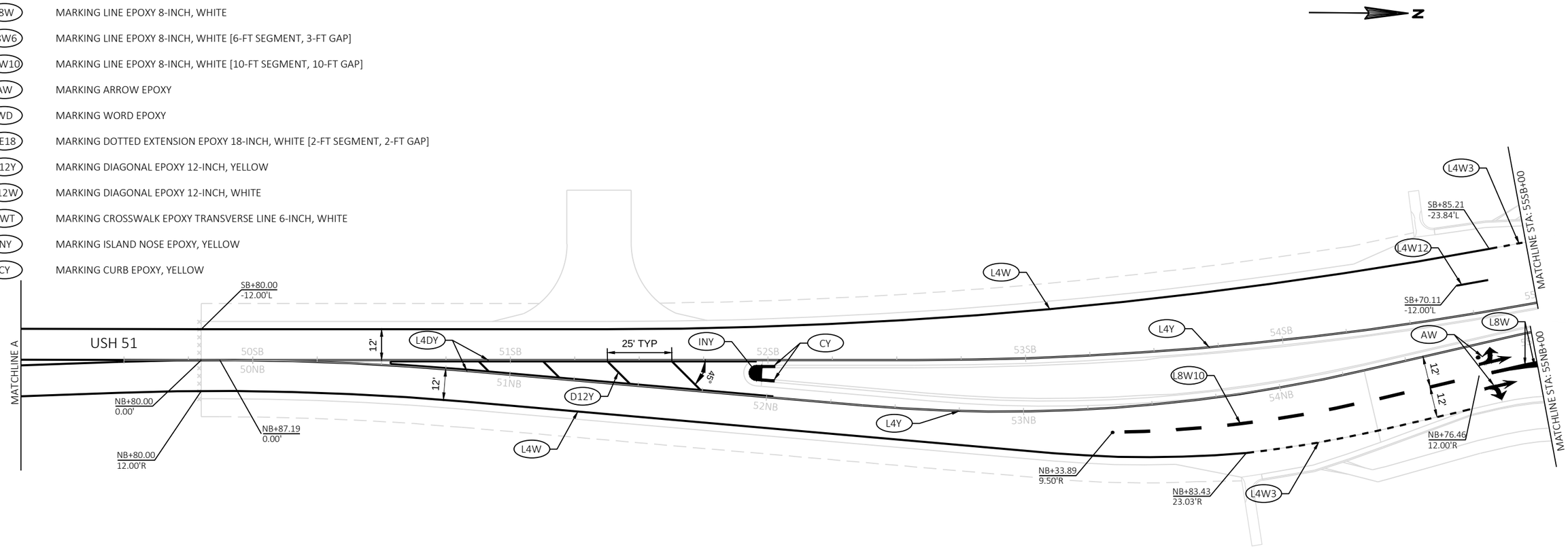
REGION CONTACT:
DESIGNED BY: STRAND
REVISED BY:

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	LIGHT POLE LOCATIONS	SHEET	E

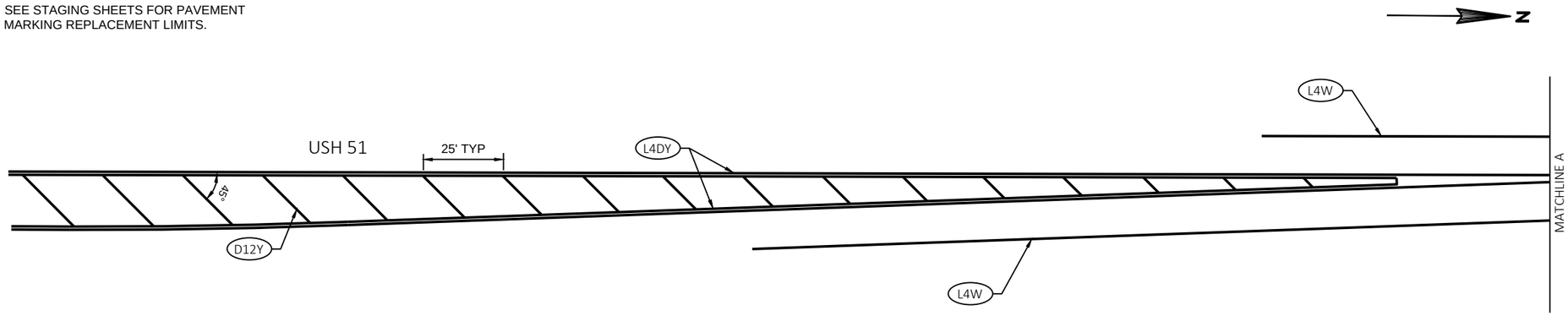
FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\023502_LP.DWG
LAYOUT NAME - 023502_lp
PLOT DATE : 8/31/2020 2:53 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

2

L4Y	MARKING LINE EPOXY 4-INCH, YELLOW
L4DY	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
L4W	MARKING LINE EPOXY 4-INCH, WHITE
L4W12	MARKING LINE EPOXY 4-INCH, WHITE [12.5-FT SEGMENT, 37.5-FT GAP]
L4W3	MARKING LINE EPOXY 4-INCH, WHITE [3-FT SEGMENT, 9-FT GAP]
L8W	MARKING LINE EPOXY 8-INCH, WHITE
L8W6	MARKING LINE EPOXY 8-INCH, WHITE [6-FT SEGMENT, 3-FT GAP]
L8W10	MARKING LINE EPOXY 8-INCH, WHITE [10-FT SEGMENT, 10-FT GAP]
AW	MARKING ARROW EPOXY
WD	MARKING WORD EPOXY
DE18	MARKING DOTTED EXTENSION EPOXY 18-INCH, WHITE [2-FT SEGMENT, 2-FT GAP]
D12Y	MARKING DIAGONAL EPOXY 12-INCH, YELLOW
D12W	MARKING DIAGONAL EPOXY 12-INCH, WHITE
CWT	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
INY	MARKING ISLAND NOSE EPOXY, YELLOW
CY	MARKING CURB EPOXY, YELLOW



SEE STAGING SHEETS FOR PAVEMENT MARKING REPLACEMENT LIMITS.

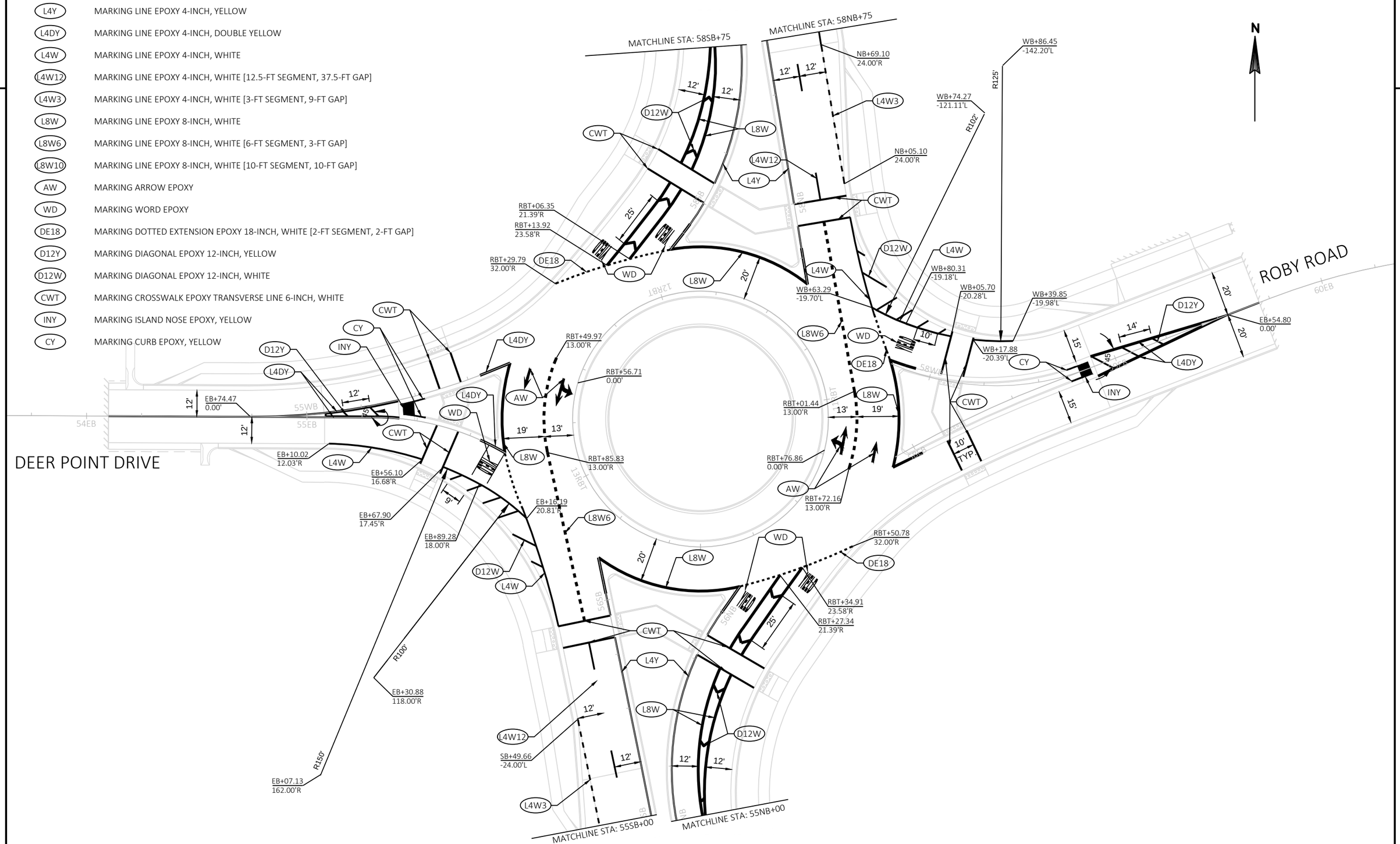


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\025100_PM.DWG
LAYOUT NAME - 025101_pm
PLOT DATE : 8/31/2020 2:54 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

L4Y	MARKING LINE EPOXY 4-INCH, YELLOW
L4DY	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
L4W	MARKING LINE EPOXY 4-INCH, WHITE
L4W12	MARKING LINE EPOXY 4-INCH, WHITE [12.5-FT SEGMENT, 37.5-FT GAP]
L4W3	MARKING LINE EPOXY 4-INCH, WHITE [3-FT SEGMENT, 9-FT GAP]
L8W	MARKING LINE EPOXY 8-INCH, WHITE
L8W6	MARKING LINE EPOXY 8-INCH, WHITE [6-FT SEGMENT, 3-FT GAP]
L8W10	MARKING LINE EPOXY 8-INCH, WHITE [10-FT SEGMENT, 10-FT GAP]
AW	MARKING ARROW EPOXY
WD	MARKING WORD EPOXY
DE18	MARKING DOTTED EXTENSION EPOXY 18-INCH, WHITE [2-FT SEGMENT, 2-FT GAP]
D12Y	MARKING DIAGONAL EPOXY 12-INCH, YELLOW
D12W	MARKING DIAGONAL EPOXY 12-INCH, WHITE
CWT	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
INY	MARKING ISLAND NOSE EPOXY, YELLOW
CY	MARKING CURB EPOXY, YELLOW

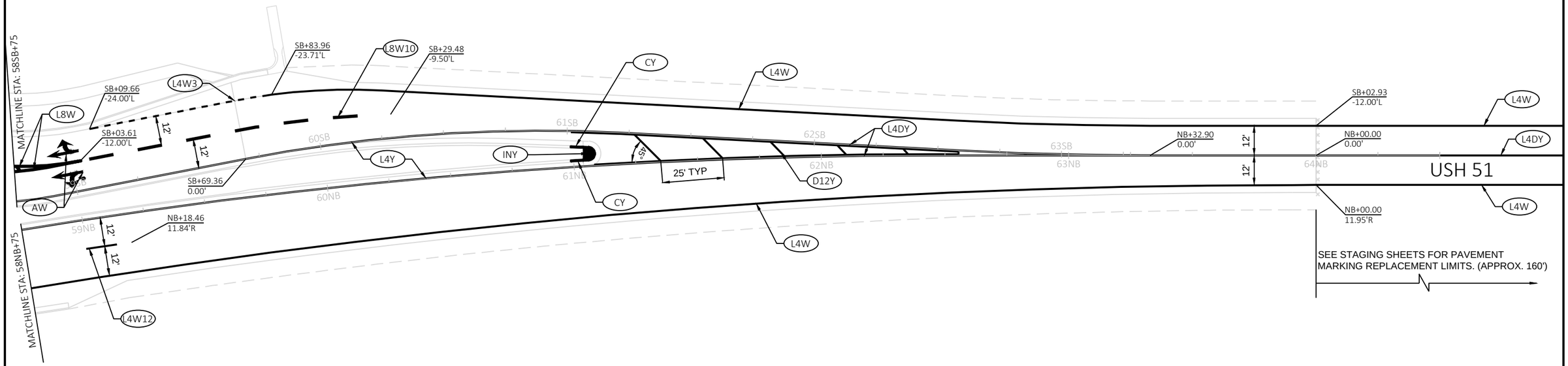


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\025100_PM.DWG
LAYOUT NAME - 025102_pm

PLOT DATE : 8/31/2020 2:54 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

L4Y	MARKING LINE EPOXY 4-INCH, YELLOW
L4DY	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
L4W	MARKING LINE EPOXY 4-INCH, WHITE
L4W12	MARKING LINE EPOXY 4-INCH, WHITE [12.5-FT SEGMENT, 37.5-FT GAP]
L4W3	MARKING LINE EPOXY 4-INCH, WHITE [3-FT SEGMENT, 9-FT GAP]
L8W	MARKING LINE EPOXY 8-INCH, WHITE
L8W6	MARKING LINE EPOXY 8-INCH, WHITE [6-FT SEGMENT, 3-FT GAP]
L8W10	MARKING LINE EPOXY 8-INCH, WHITE [10-FT SEGMENT, 10-FT GAP]
AW	MARKING ARROW EPOXY
WD	MARKING WORD EPOXY
DE18	MARKING DOTTED EXTENSION EPOXY 18-INCH, WHITE [2-FT SEGMENT, 2-FT GAP]
D12Y	MARKING DIAGONAL EPOXY 12-INCH, YELLOW
D12W	MARKING DIAGONAL EPOXY 12-INCH, WHITE
CWT	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
INY	MARKING ISLAND NOSE EPOXY, YELLOW
CY	MARKING CURB EPOXY, YELLOW



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PAVEMENT MARKINGS	SHEET E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\025100_PM.DWG
LAYOUT NAME - 025103_pm

PLOT DATE : 8/31/2020 2:54 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

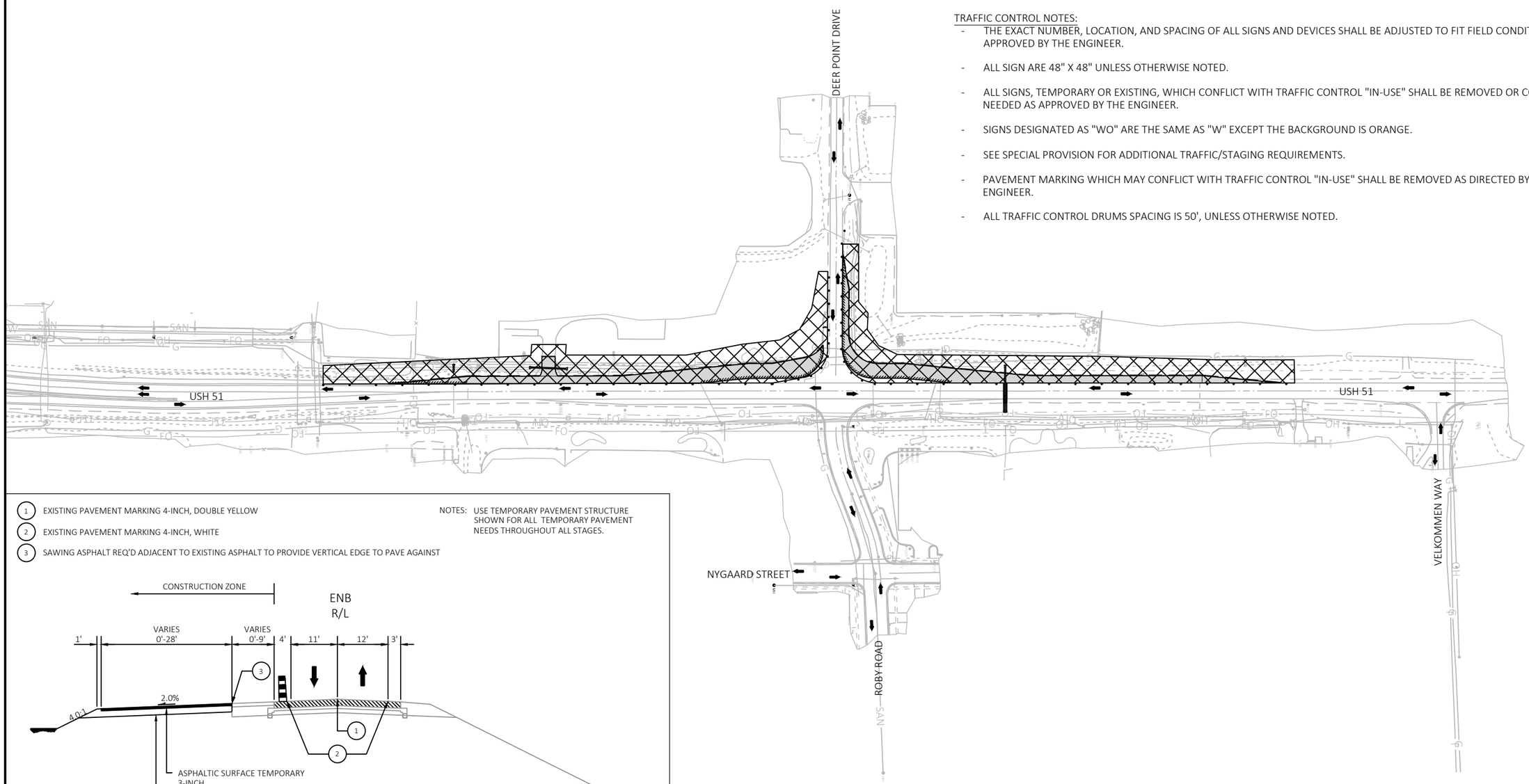
WORK ZONE - CRITICAL CONSTRUCTION THIS STAGE

TRAFFIC:
- MAINTAIN USH 51 NORTHBOUND AND SOUTHBOUND TRAFFIC ON EXISTING ROADWAY
- DEERPOINT DRIVE OPEN TO TRAFFIC
- ROBY ROAD OPEN TO TRAFFIC

CONSTRUCTION:
- CRITICAL CONSTRUCTION:
  CONSTRUCT TEMPORARY HMA PAVEMENT AND TEMPORARY CULVERT PIPE

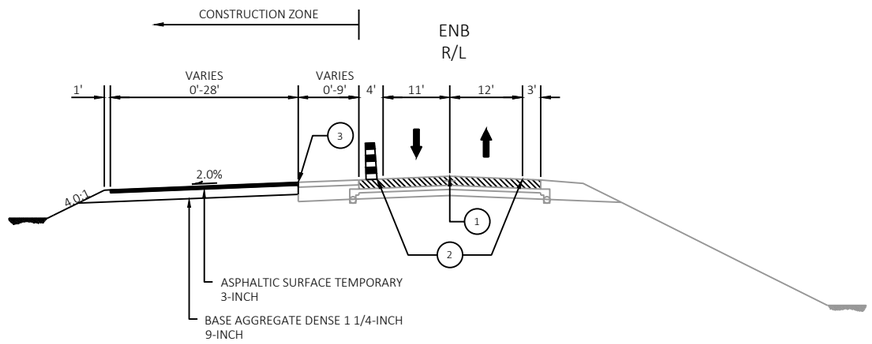
TRAFFIC CONTROL NOTES:
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- ALL SIGN ARE 48" X 48" UNLESS OTHERWISE NOTED.
- ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED OR COVERED AS NEEDED AS APPROVED BY THE ENGINEER.
- SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
- SEE SPECIAL PROVISION FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DRUMS SPACING IS 50', UNLESS OTHERWISE NOTED.

N



1. EXISTING PAVEMENT MARKING 4-INCH, DOUBLE YELLOW
2. EXISTING PAVEMENT MARKING 4-INCH, WHITE
3. SAWING ASPHALT REQ'D ADJACENT TO EXISTING ASPHALT TO PROVIDE VERTICAL EDGE TO PAVE AGAINST

NOTES: USE TEMPORARY PAVEMENT STRUCTURE SHOWN FOR ALL TEMPORARY PAVEMENT NEEDS THROUGHOUT ALL STAGES.



CONSTRUCTION STAGE 1 TYPICAL SECTION

STA 49ENB+80.00 TO STA 64ENB+23.50

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	STAGE CONSTRUCTION - STAGE 1	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026110_SC1.DWG
LAYOUT NAME - 026111_sc1

PLOT DATE : 8/31/2020 2:55 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

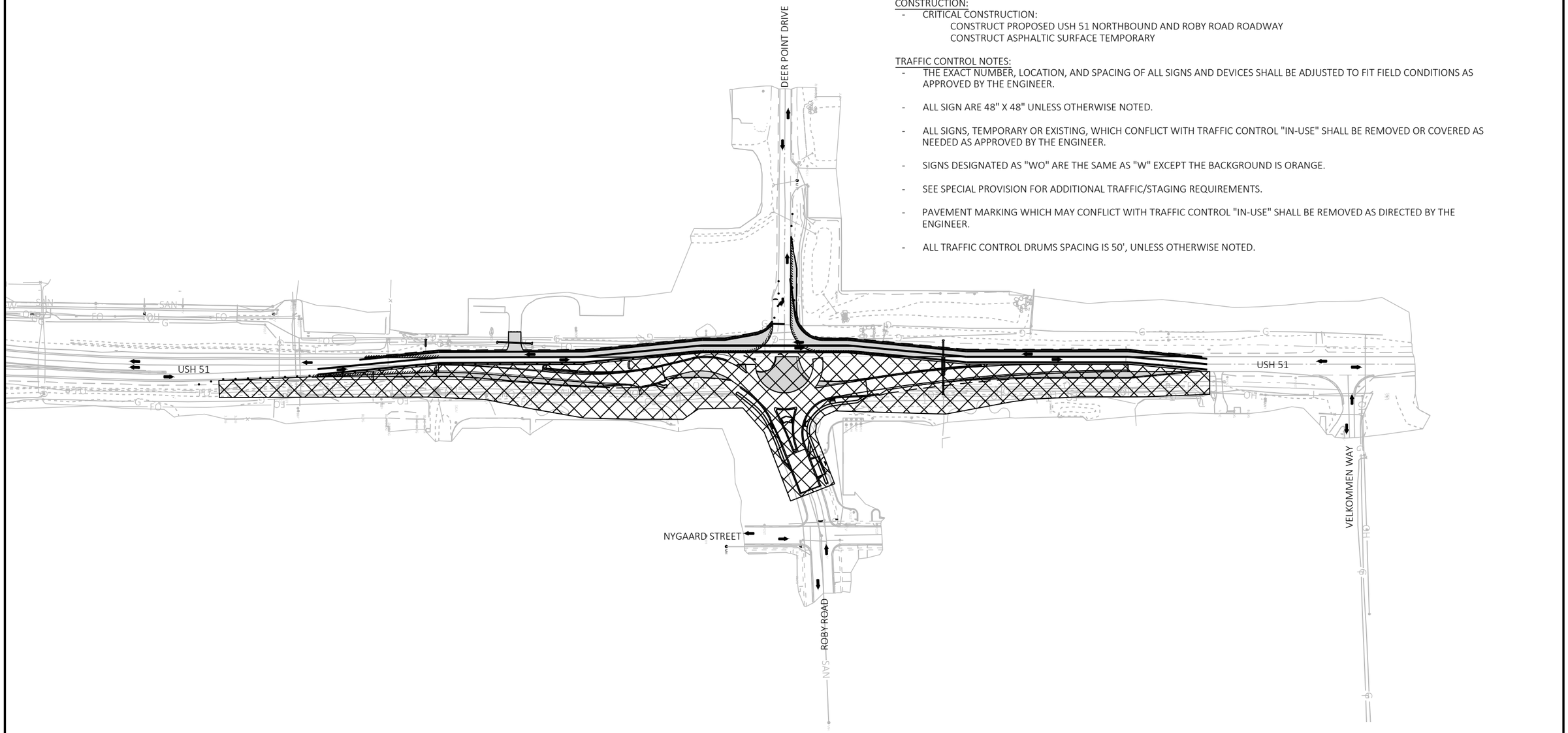
WORK ZONE - CRITICAL CONSTRUCTION THIS STAGE

TRAFFIC:
- SHIFT USH 51 NORTHBOUND AND SOUTHBOUND TRAFFIC ONTO ASPHALTIC SURFACE TEMPORARY
- DEER POINT DRIVE OPEN TO TRAFFIC
  RIGHT IN, RIGHT OUT ACCESS ONLY FROM USH 51 SOUTHBOUND
  NO LEFT TURN FROM USH 51 NORTHBOUND
- ROBY ROAD CLOSED TO TRAFFIC
  ROBY ROAD TRAFFIC CAN UTILIZE NYGAARD STREET TO JACKSON STREET THEN ONTO USH 51

N

CONSTRUCTION:
- CRITICAL CONSTRUCTION:
  CONSTRUCT PROPOSED USH 51 NORTHBOUND AND ROBY ROAD ROADWAY
  CONSTRUCT ASPHALTIC SURFACE TEMPORARY

TRAFFIC CONTROL NOTES:
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- ALL SIGN ARE 48" X 48" UNLESS OTHERWISE NOTED.
- ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED OR COVERED AS NEEDED AS APPROVED BY THE ENGINEER.
- SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
- SEE SPECIAL PROVISION FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DRUMS SPACING IS 50', UNLESS OTHERWISE NOTED.



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	STAGE CONSTRUCTION - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026120_SC2.DWG
LAYOUT NAME - 026121_sc2
PLOT DATE : 8/31/2020 2:55 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

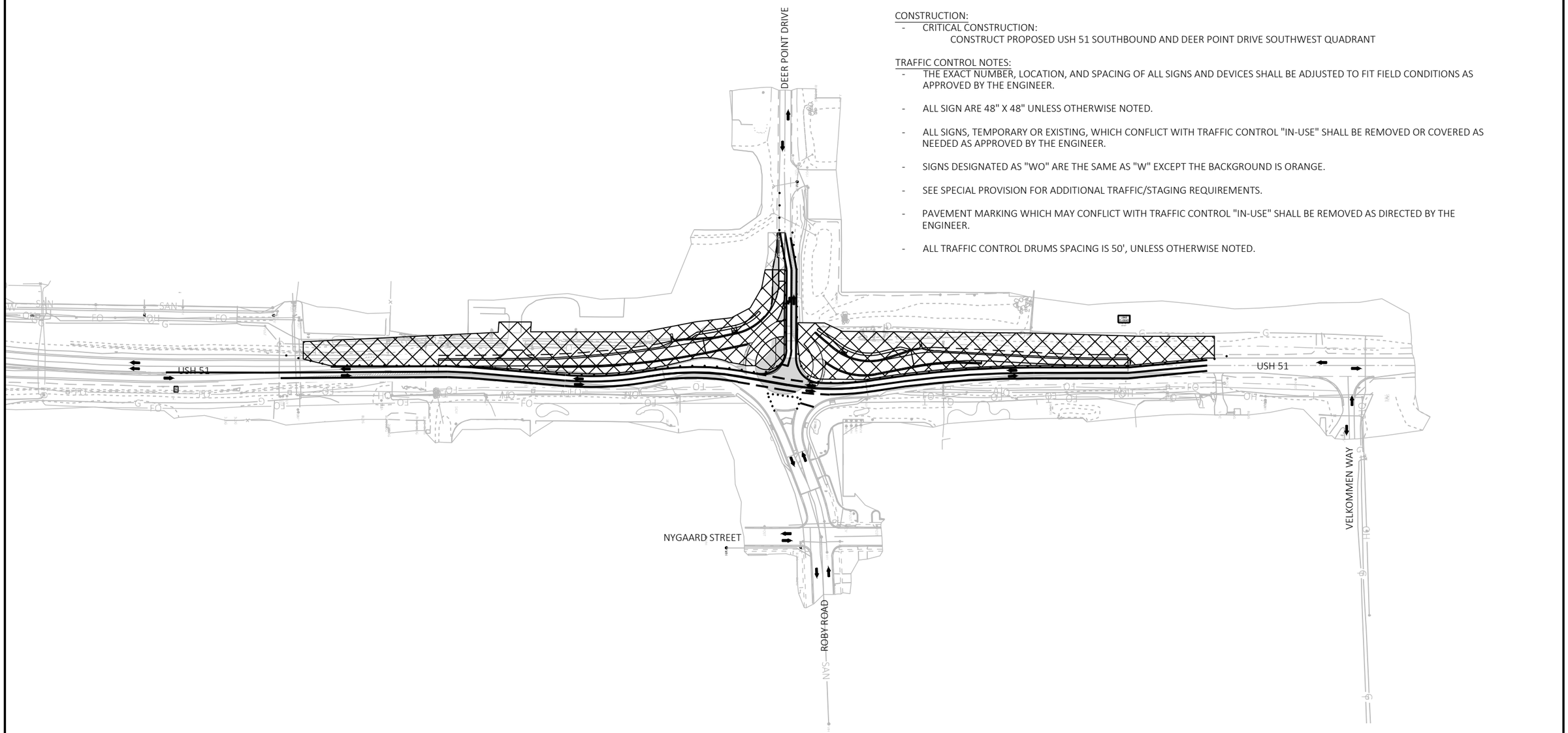
WORK ZONE - CRITICAL CONSTRUCTION THIS STAGE

TRAFFIC:
- SHIFT USH 51 NORTHBOUND AND SOUTHBOUND TRAFFIC ONTO PROPOSED USH 51 NORTHBOUND PAVEMENT
- DEERPOINT DRIVE OPEN TO TRAFFIC; ALLOW 1 LANE, WITH FLAGGING OPERATION, DURING CONSTRUCTION HOURS
  RIGHT IN, RIGHT OUT ACCESS ONLY FROM USH 51 SOUTHBOUND
  NO LEFT TURN FROM USH 51 NORTHBOUND
- ROBY ROAD OPEN TO TRAFFIC
  RIGHT IN, RIGHT OUT ACCESS ONLY FROM USH 51 NORTHBOUND
  NO LEFT TURN FROM USH 51 SOUTHBOUND

N

CONSTRUCTION:
- CRITICAL CONSTRUCTION:
  CONSTRUCT PROPOSED USH 51 SOUTHBOUND AND DEER POINT DRIVE SOUTHWEST QUADRANT

TRAFFIC CONTROL NOTES:
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- ALL SIGN ARE 48" X 48" UNLESS OTHERWISE NOTED.
- ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED OR COVERED AS NEEDED AS APPROVED BY THE ENGINEER.
- SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
- SEE SPECIAL PROVISION FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DRUMS SPACING IS 50', UNLESS OTHERWISE NOTED.



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	STAGE CONSTRUCTION - STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026130_SC3A.DWG
LAYOUT NAME - 026131_sc3A
PLOT DATE : 8/31/2020 2:56 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

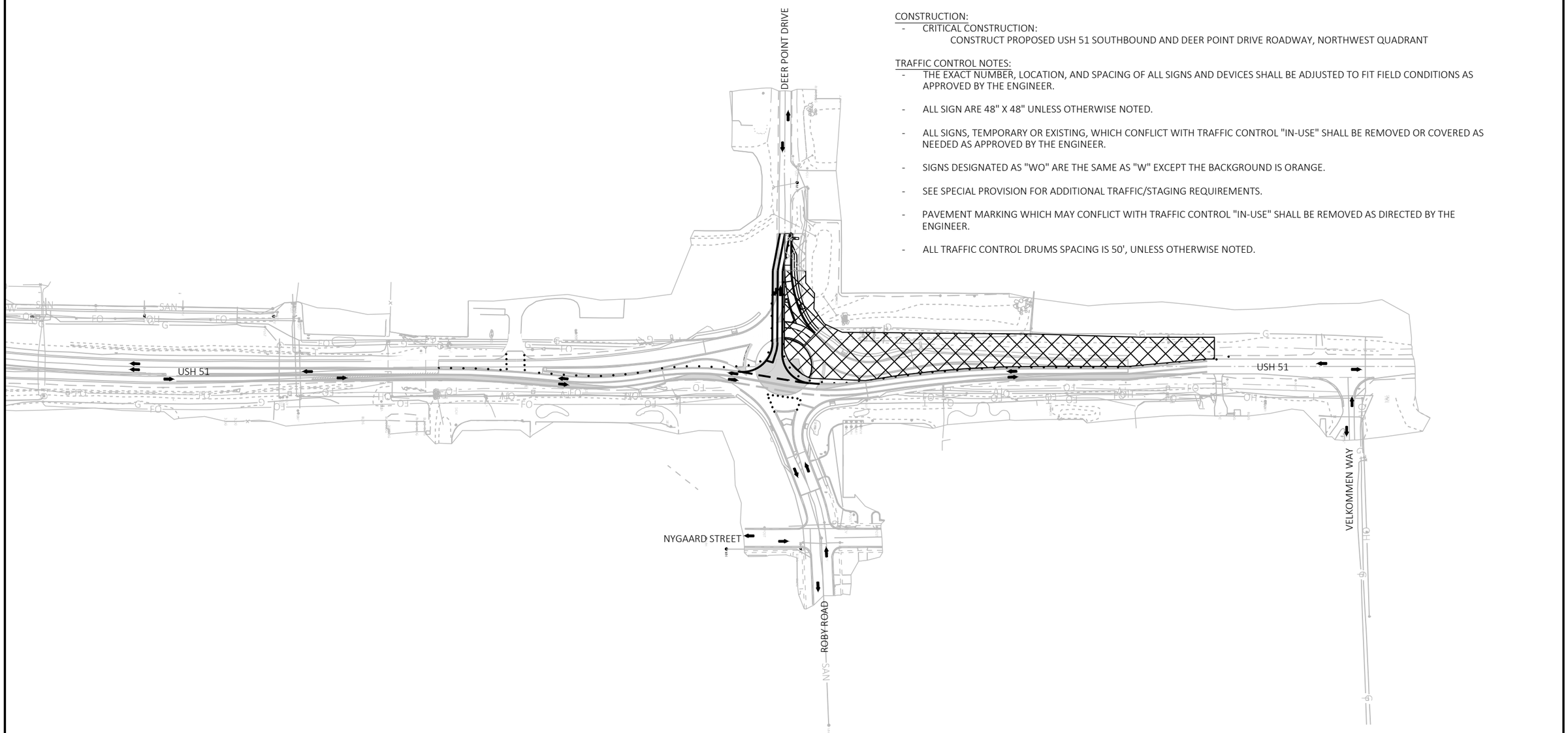
WORK ZONE - CRITICAL CONSTRUCTION THIS STAGE

TRAFFIC:
- SHIFT USH 51 NORTHBOUND AND SOUTHBOUND TRAFFIC ONTO PROPOSED USH 51 NORTHBOUND PAVEMENT
- DEERPOINT DRIVE OPEN TO TRAFFIC, ALLOW 1 LANE, WITH FLAGGING OPERATION, DURING CONSTRUCTION HOURS
  RIGHT IN, RIGHT OUT ACCESS ONLY FROM USH 51 SOUTHBOUND
  NO LEFT TURN FROM USH 51 NORTHBOUND
- ROBY ROAD OPEN TO TRAFFIC
  RIGHT IN, RIGHT OUT ACCESS ONLY FROM USH 51 NORTHBOUND
  NO LEFT TURN FROM USH 51 SOUTHBOUND

N

CONSTRUCTION:
- CRITICAL CONSTRUCTION:
  CONSTRUCT PROPOSED USH 51 SOUTHBOUND AND DEER POINT DRIVE ROADWAY, NORTHWEST QUADRANT

TRAFFIC CONTROL NOTES:
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- ALL SIGN ARE 48" X 48" UNLESS OTHERWISE NOTED.
- ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED OR COVERED AS NEEDED AS APPROVED BY THE ENGINEER.
- SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
- SEE SPECIAL PROVISION FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DRUMS SPACING IS 50', UNLESS OTHERWISE NOTED.



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	STAGE CONSTRUCTION - STAGE 3B	SHEET	E

2

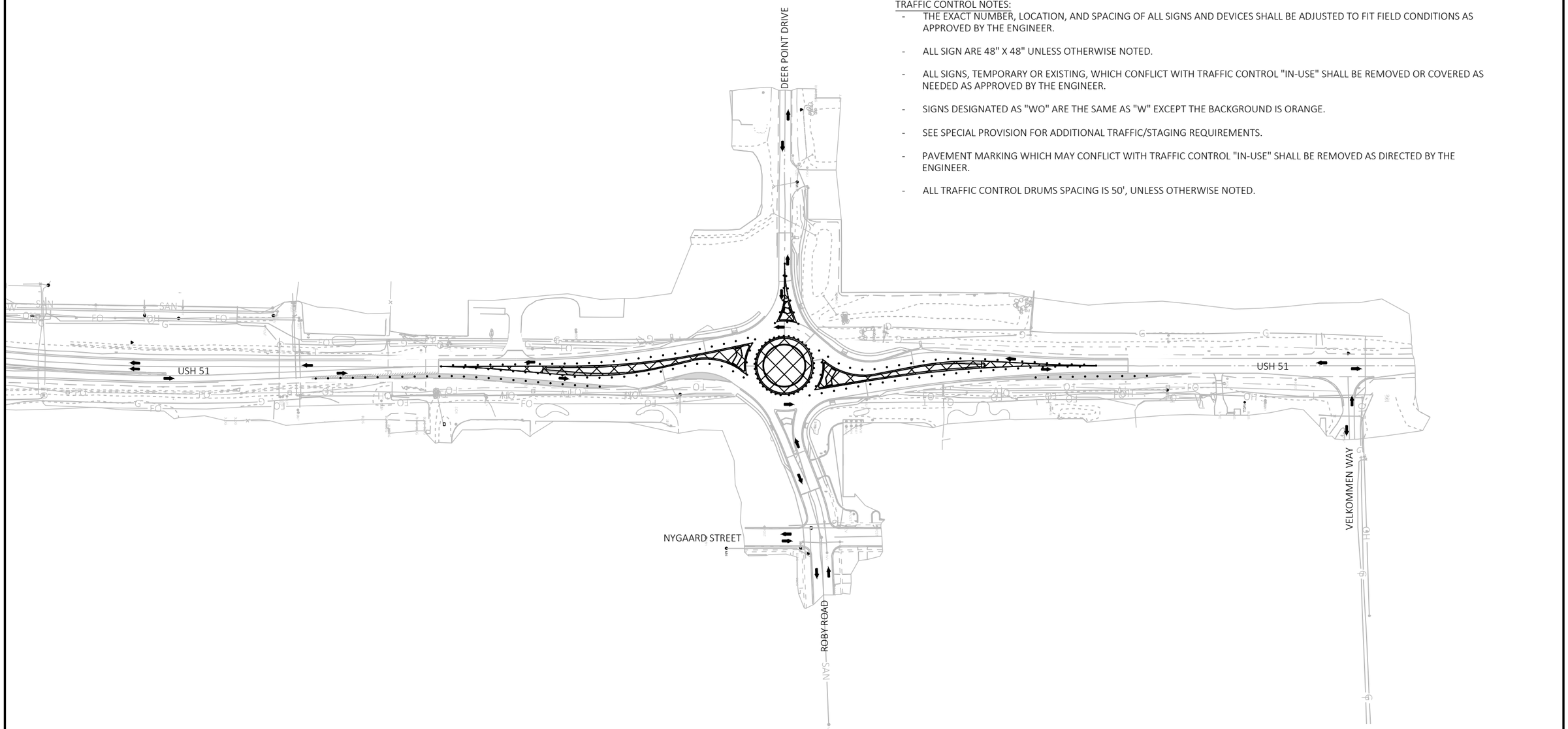
WORK ZONE - CRITICAL CONSTRUCTION THIS STAGE

TRAFFIC:
- SHIFT USH 51 NORTHBOUND AND SOUTHBOUND TRAFFIC ONTO PROPOSED ROADWAY
- DEERPOINT DRIVE OPEN TO TRAFFIC
- ROBY ROAD OPEN TO TRAFFIC

CONSTRUCTION:
- CRITICAL CONSTRUCTION:
  CONSTRUCT ROUNDABOUT CENTER ISLAND, CURB & GUTTER AND CONCRETE MEDIAN ISLANDS

TRAFFIC CONTROL NOTES:
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- ALL SIGN ARE 48" X 48" UNLESS OTHERWISE NOTED.
- ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED OR COVERED AS NEEDED AS APPROVED BY THE ENGINEER.
- SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
- SEE SPECIAL PROVISION FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DRUMS SPACING IS 50', UNLESS OTHERWISE NOTED.

N



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	STAGE CONSTRUCTION - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026140_SC4A.DWG
LAYOUT NAME - 026141_sc4A

PLOT DATE : 8/31/2020 2:56 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

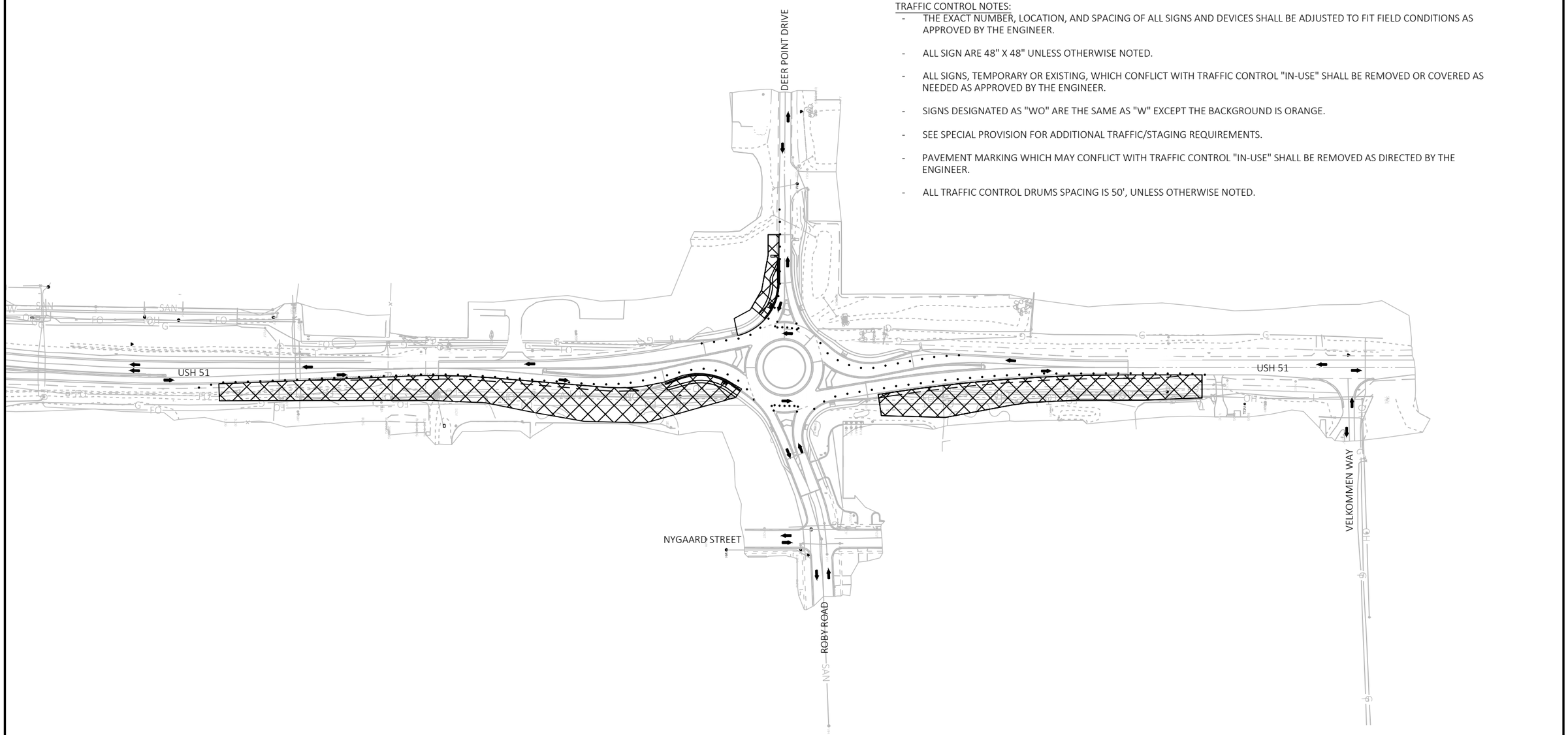
2

WORK ZONE - CRITICAL CONSTRUCTION THIS STAGE

TRAFFIC:
- SHIFT USH 51 NORTHBOUND AND SOUTHBOUND TRAFFIC ONTO PROPOSED ROADWAY
- DEERPOINT DRIVE OPEN TO TRAFFIC
- ROBY ROAD OPEN TO TRAFFIC

CONSTRUCTION:
- CRITICAL CONSTRUCTION:
  REMOVE ASPHALTIC SURFACE TEMPORARY, CONSTRUCT SHOULDERS, CURB & GUTTER AND SIDEWALK

TRAFFIC CONTROL NOTES:
- THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
- ALL SIGN ARE 48" X 48" UNLESS OTHERWISE NOTED.
- ALL SIGNS, TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED OR COVERED AS NEEDED AS APPROVED BY THE ENGINEER.
- SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.
- SEE SPECIAL PROVISION FOR ADDITIONAL TRAFFIC/STAGING REQUIREMENTS.
- PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL "IN-USE" SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
- ALL TRAFFIC CONTROL DRUMS SPACING IS 50', UNLESS OTHERWISE NOTED.



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	STAGE CONSTRUCTION - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026140_SC4B.DWG
LAYOUT NAME - 026141_sc4

PLOT DATE : 8/31/2020 2:57 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

N

ADVANCED WARNING AND END WORK SIGNING IS INCLUDED IN PROJECT ID 5845-01-76

ENB+31.31
-19.30'L

50' TYP.

USH 51 SB

USH 51 NB

12'

11'

43ENB

44ENB

45ENB

46ENB

47ENB

48ENB

MATCHLINE STA: 49ENB+00

BLDG

BLDG

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 1	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026210_TC1.DWG
LAYOUT NAME - 026212_tc1

PLOT DATE : 8/31/2020 2:57 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

N

58 L.F. CULVERT PIPE CLASS III-A 24-INCH REQ'D
2 EA APRON ENDWALLS FOR CULVERT PIPE 24-INCH REQ'D
STA. 50ENB+98.00, 45.53' LT, I.E. = 915.74
STA. 51ENB+70.00, 42.68' LT, I.E. = 917.18

15 L.F. CULVERT PIPE TEMPORARY 24-INCH REQ'D
1 EA APRON ENDWALL FOR CULVERT PIPE 24-INCH REQ'D
STA. 49ENB+54.29 51.85'L I.E. = 912.46
CONCRETE COLLARS FOR PIPE REQ'D

ENB+73.47
-29.00'L

ENB+18.96
-32.00'L

ENB+50.09
-32.00'L

ENB+17.30
-29.00'L

ENB+51.82
-29.00'L

2%

50' TYP.

MATCHLINE STA: 49ENB+00

ENB

50ENB

USH 51 SB

51ENB

52ENB

53ENB

11'

54ENB

55E

MATCHLINE STA: 55ENB+00

USH 51 NB

12'

ENB+80.00
-29.00'L

ENB+19.56
-15.00'L

CONSTRUCT ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TO ASPHALTIC SURFACE TEMPORARY. SEE PLAN DETAILS FOR ADDITIONAL INFORMATION.

BEAST

TILE

GUY

GUY

SIGN

BLDG

BLDG

BLDG

LEGEND

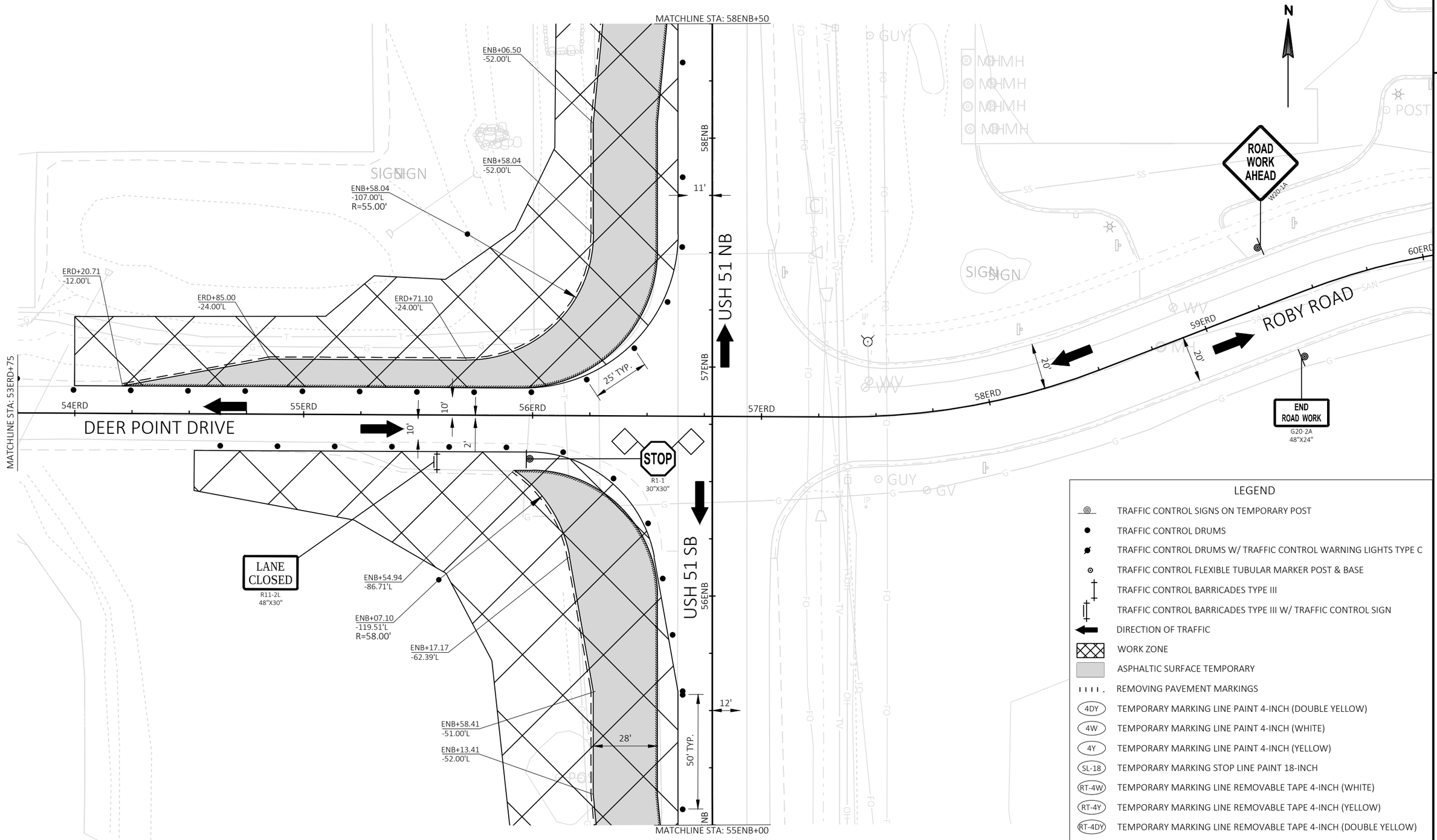
	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 1	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026210_TC1.DWG
LAYOUT NAME - 026213_tc1

PLOT DATE : 8/31/2020 2:57 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



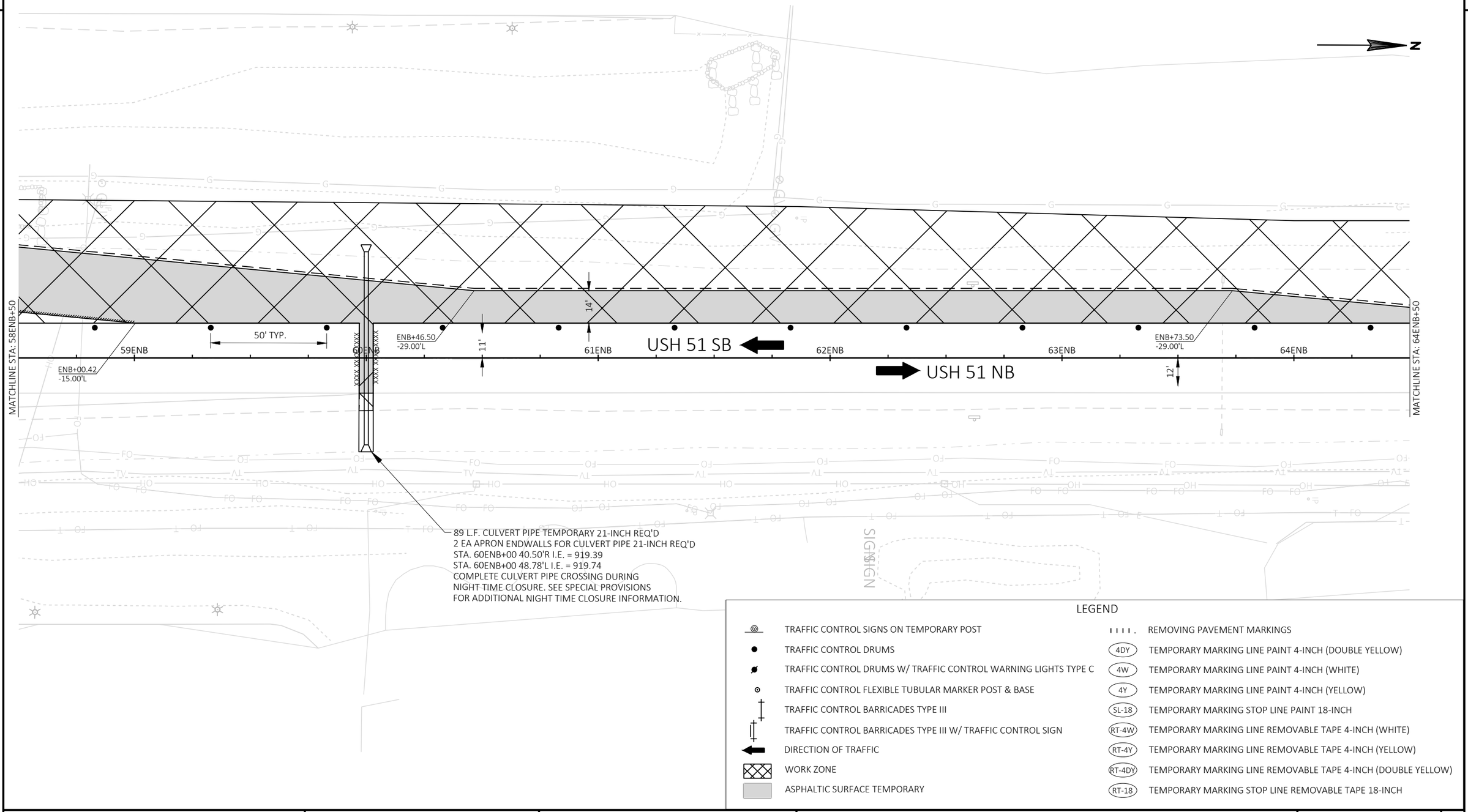
LEGEND

- TRAFFIC CONTROL SIGNS ON TEMPORARY POST
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- ASPHALTIC SURFACE TEMPORARY
- REMOVING PAVEMENT MARKINGS
- (4DY) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- (4W) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (4Y) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (SL-18) TEMPORARY MARKING STOP LINE PAINT 18-INCH
- (RT-4W) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (RT-4Y) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (RT-4DY) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (RT-18) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 1	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026210_TC1.DWG
LAYOUT NAME - 026214_tc1
PLOT DATE : 8/31/2020 2:57 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 1	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026210_TC1.DWG
LAYOUT NAME - 026215_tc1
PLOT DATE : 8/31/2020 2:57 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

USE SHOULDER CLOSURE. SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION

ENB+22.83
-15.00'L

50' TYP.

11'

12'

12'

12'

65ENB

66ENB

67ENB

68ENB

69ENB

USH 51 SB

USH 51 NB

MATCHLINE STA: 64ENB+50

VELKOMMEN WAY

500'

ROAD WORK AHEAD
W20-1A

SIGN

SIGN

POST

POST

POST

BLDG

BLDG

BLDG

LEGEND

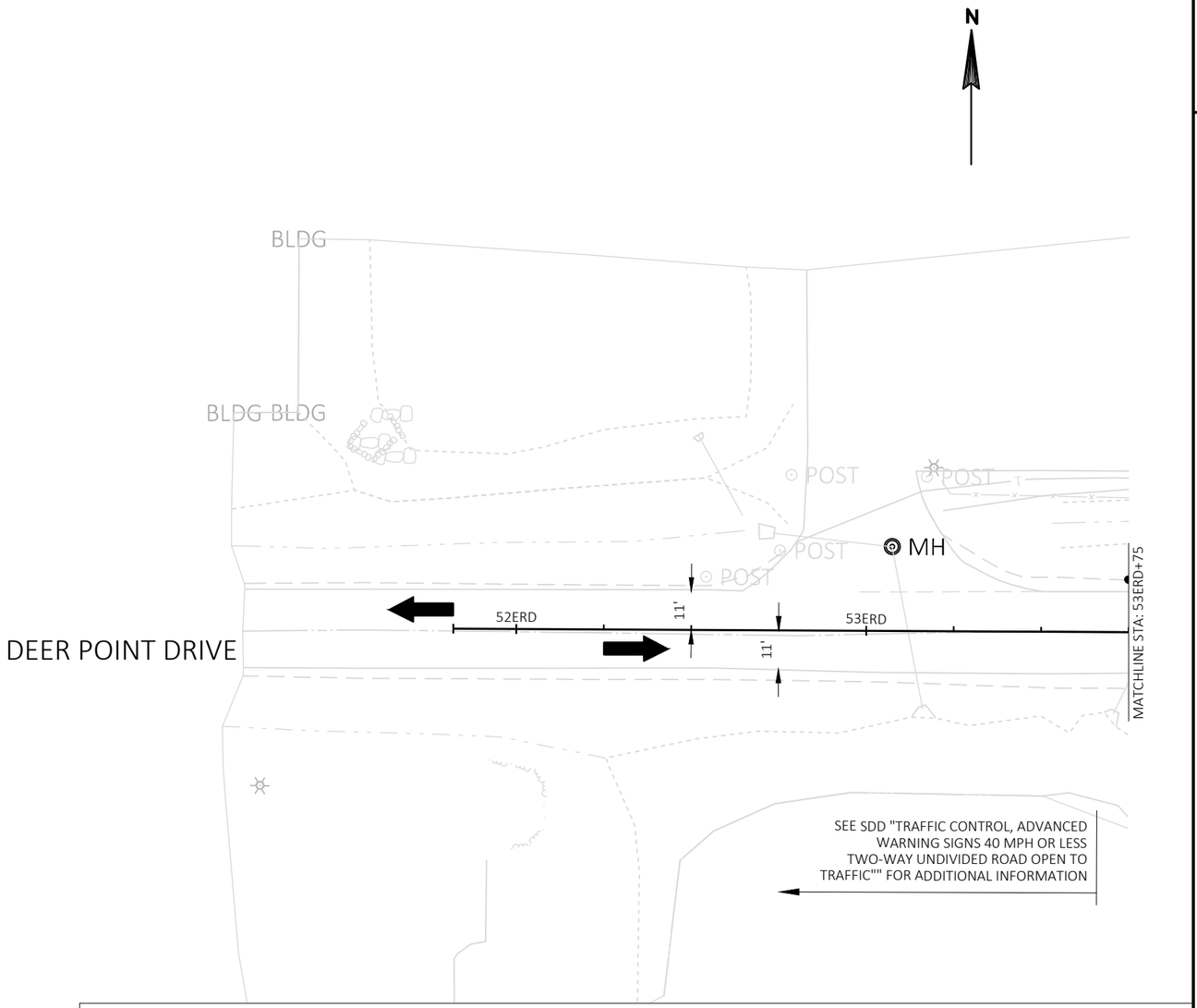
	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 1	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026210_TC1.DWG
LAYOUT NAME - 026216_tc1

PLOT DATE : 8/31/2020 2:57 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 1	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026210_TC1.DWG
LAYOUT NAME - 026218_tc1
PLOT DATE : 8/31/2020 2:57 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

ADVANCED WARNING AND END
WORK SIGNING IS INCLUDED IN
PROJECT ID 5845-01-76

USH 51 SB

USH 51 NB

43ENB
44ENB
45ENB
46ENB
47ENB
48ENB
49ENB+00

MATCHLINE STA: 49ENB+00

12'
12'
12'
11'
11'

25' TYP.

350'

ENB+35.13
10.99'R

ENB+35.54
0.00'

ENB+20.50
-15.71'L

ENB+23.20
15.38'R

4W
4DY
WO1-6
48"X24"

W1-4L
48"X48"

35
MPH
W13-1
36"X36"

BLDG
BLDG

LEGEND

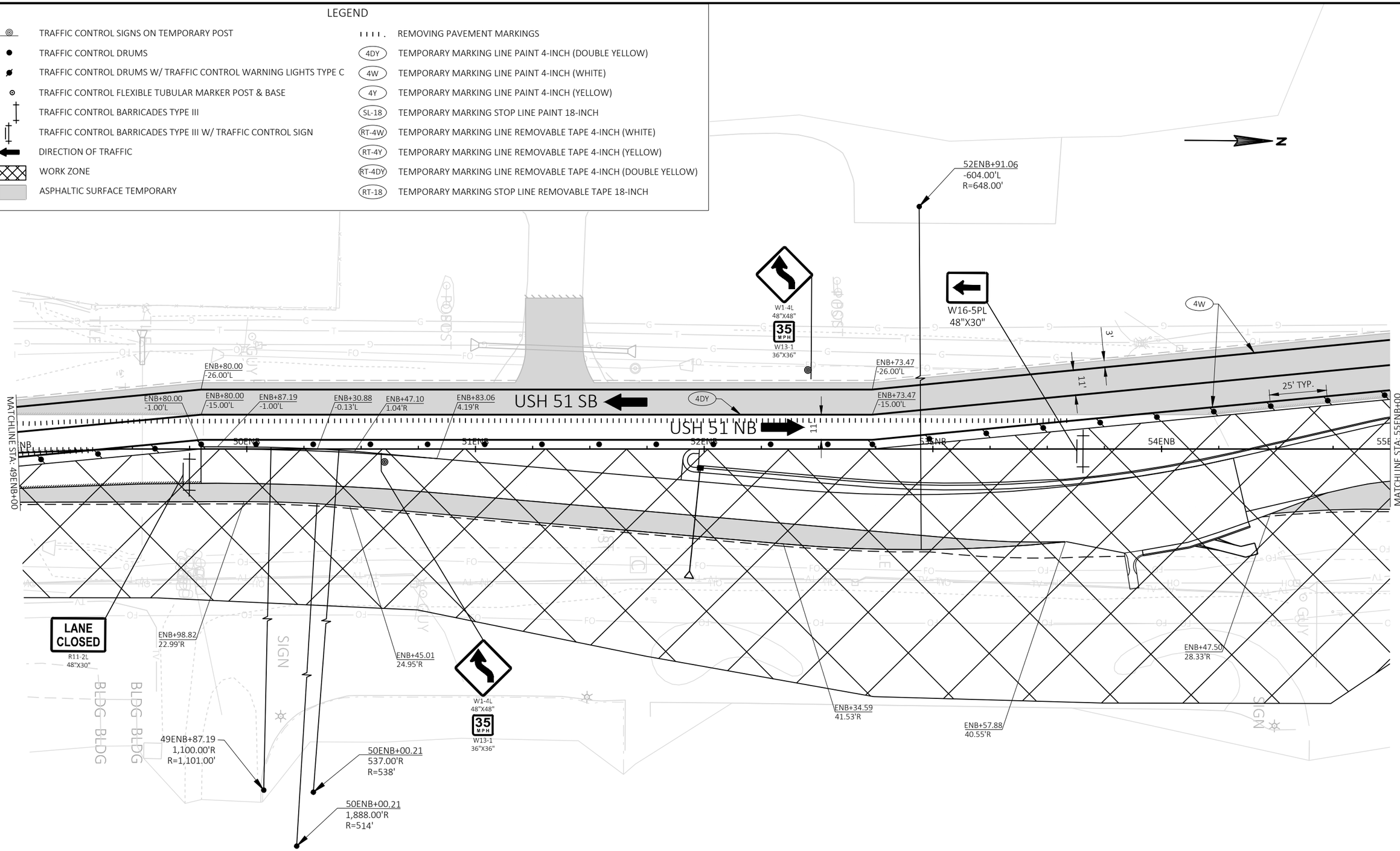
	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 2	SHEET	E

2

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026220_TC2.DWG
LAYOUT NAME - 026223_tc2

PLOT DATE : 8/31/2020 2:58 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA: 58ENB+50

N

4DY
ENB+16.94
-26.00'L

ENB+16.94
-37.00'L

ENB+06.50
-38.00'L

ENB+06.50
-49.00'L

57ENB+77.78
478.88'L
R=514.00'

R3-2
24"X24"

TRAFFIC CONTROL FLEXIBLE TUBULAR POST & BASE REQ'D STA. 55ENB+13 TO STA. 57ENB+58 AT 5 FOOT SPACING.

4W
ENB+75.70
-21.89'L
R=68.00'

ENB+58.04
-49.00'L

11'

W1-4L
48"X48"

35 MPH
W13-1
36"X36"

3'

USH 51 NB

58ENB

ENB+42.85
30.99'R

ROAD CLOSED
R11-2
48"X30"

ENB+48.56
34.29'R

COVER PLATES TEMPORARY REQ'D

ENB+29.37
27.88'R

ENB+08.05
-15.00'L

ENB+14.81
8.38'R
922.59

ROAD CLOSED
R11-2
48"X30"

ERD+05.00
-11.00'L

ERD+79.29
-21.58'L

1'

57ENB

ENB+84.81
11.01'R
922.43

57ERD

59ERD

ROBY ROAD

MATCHLINE STA: 59ERD+75

MATCHLINE STA: 53ERD+75

54ERD

55ERD

11'

56ERD

DEER POINT DRIVE

12'

4Y
ENB+61.58
-15.00'L

SL-18

LANE CLOSED
R11-2L
48"X30"

ERD+96.99
24.00'R

3'

STOP
R1-1
30"X30"

R3-2
24"X24"

W1-4R
48"X48"

35 MPH
W13-1
36"X36"

ENB+17.69
-59.44'L

ENB+00.51
0.57'R

ENB+79.09
2.32'R

USH 51 SB

25' TYP.

A

ENB+37.97
15.13'R
922.20

ENB+31.58
-14.18'L
R=38.00'

ENB+22.31
14.36'R

56ENB

COVER PLATES TEMPORARY REQ'D

4W

ENB+58.41
-49.00'L

11'

R3-1
36"X36"

R3-2
24"X24"

ENB+13.41
-27.00'L

ENB+13.41
-49.00'L

ENB+13.41
-38.00'L

ENB+03.37
-37.03'L

NB

ENB+70.28
31.95'R

54ENB+93.12
540.30'R
R=514.00'

MATCHLINE STA: 55ENB+00

Ⓐ SEE STORM SEWER QUANTITIES FOR TEMPORARY INLET AND PIPE INFORMATION

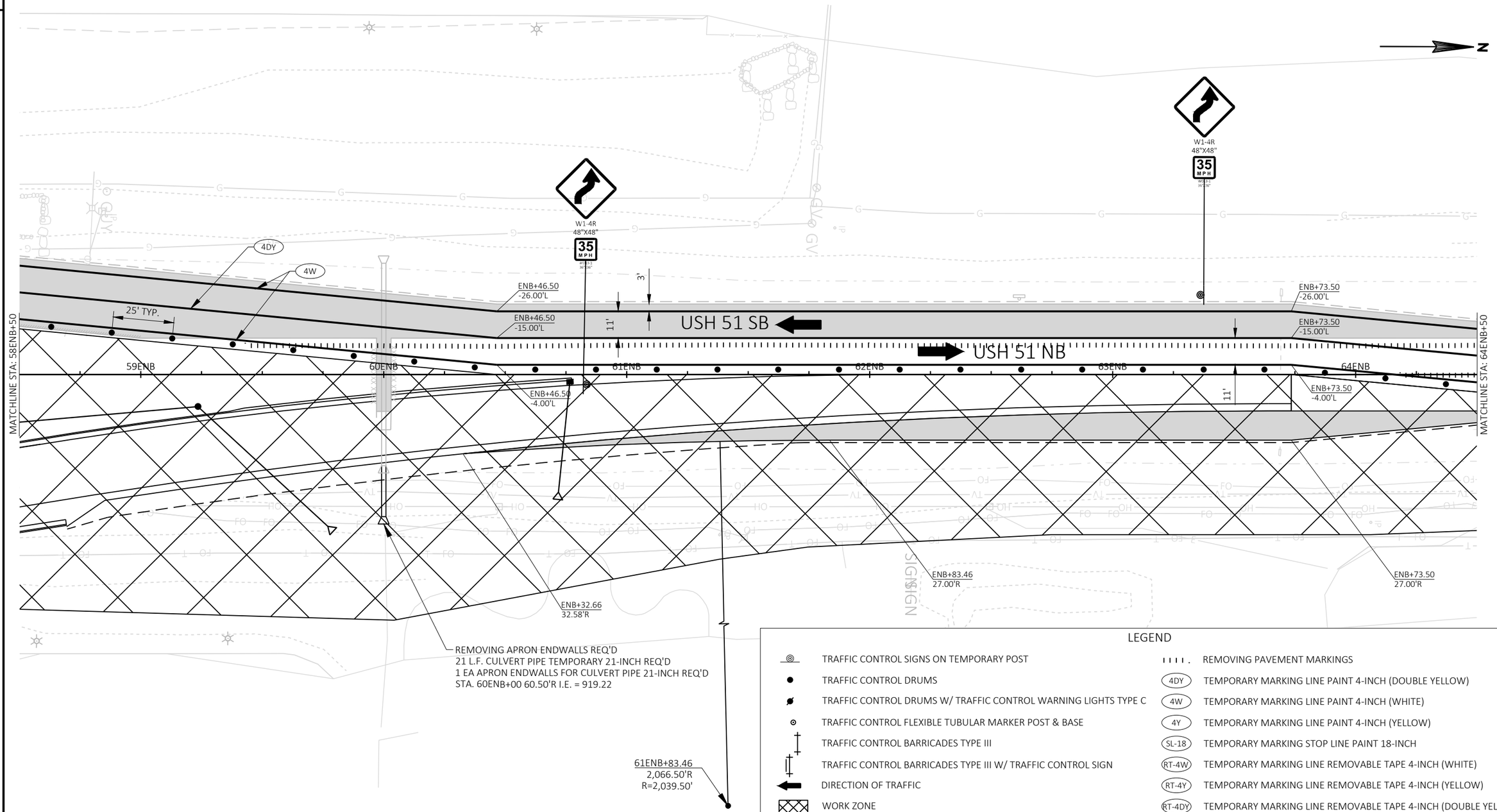
LEGEND

- TRAFFIC CONTROL SIGNS ON TEMPORARY POST
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- ASPHALTIC SURFACE TEMPORARY
- REMOVING PAVEMENT MARKINGS
- (4DY) TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- (4W) TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- (4Y) TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- (SL-18) TEMPORARY MARKING STOP LINE PAINT 18-INCH
- (RT-4W) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- (RT-4Y) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- (RT-4DY) TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- (RT-18) TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026220_TC2.DWG
LAYOUT NAME - 026224_tc2
PLOT DATE : 8/31/2020 2:58 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 2	SHEET	E

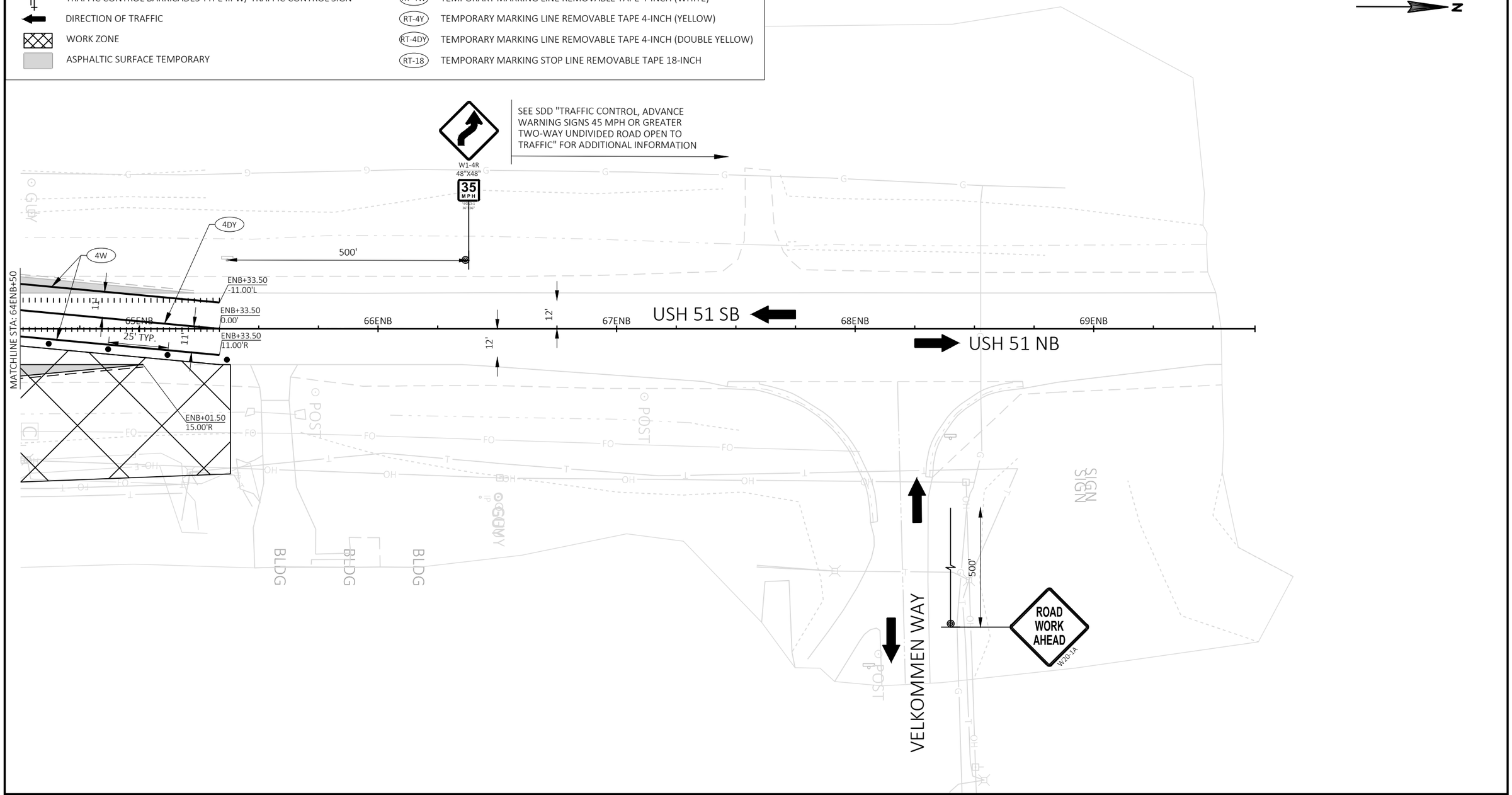
FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026220_TC2.DWG
LAYOUT NAME - 026225_tc2

PLOT DATE : 8/31/2020 2:58 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

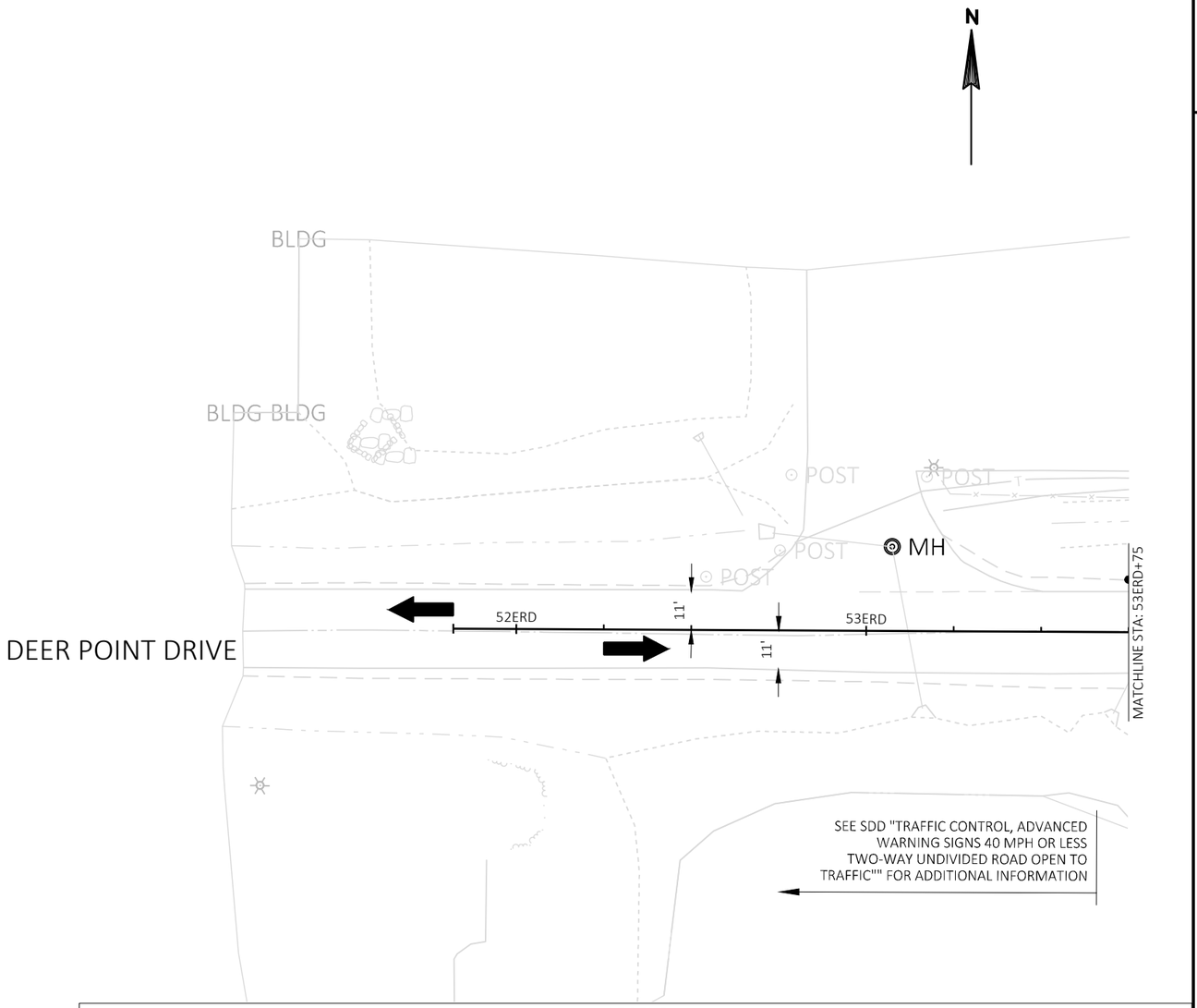


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026220_TC2.DWG
LAYOUT NAME - 026226_tc2

PLOT DATE : 8/31/2020 2:58 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



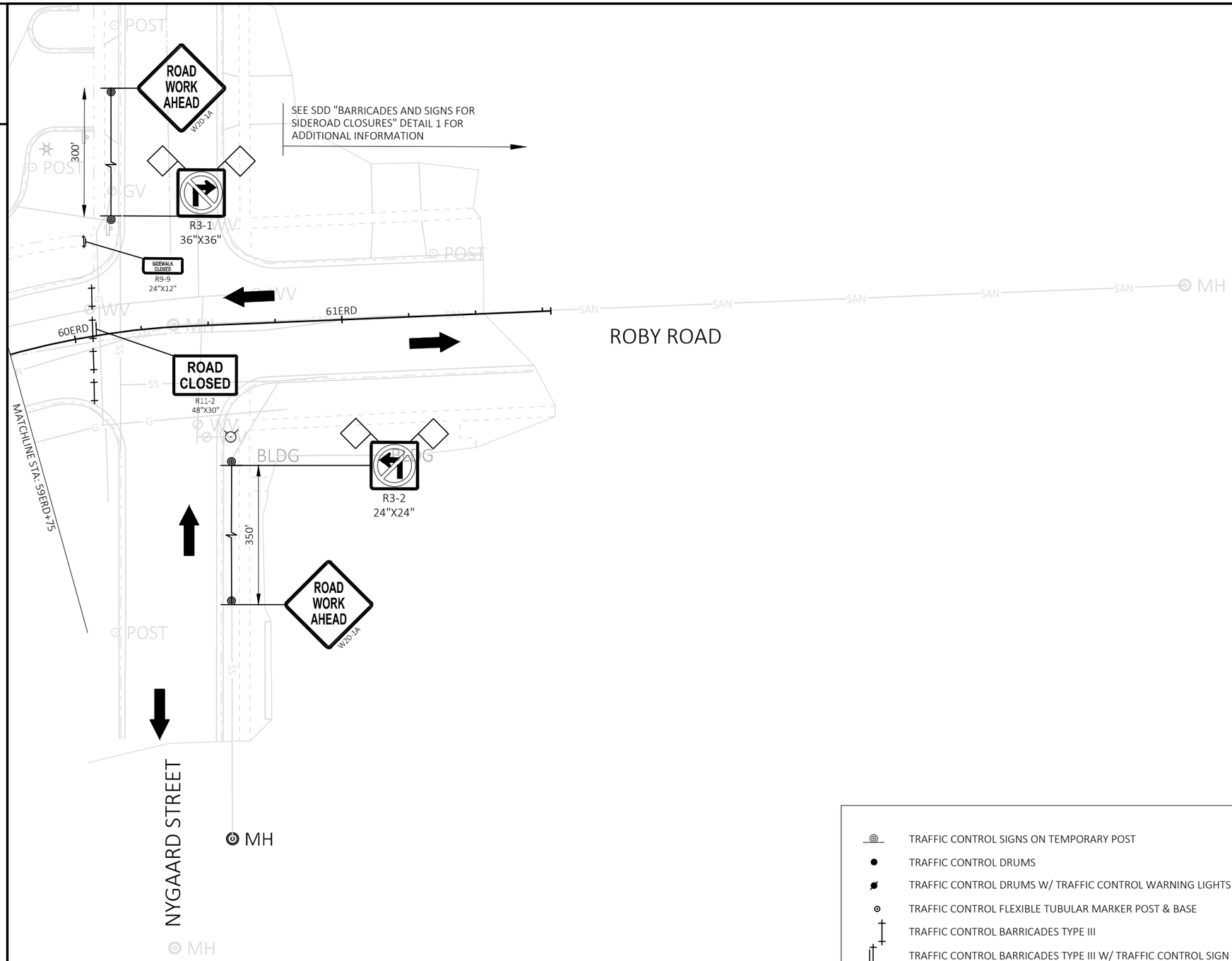
LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026220_TC2.DWG
LAYOUT NAME - 026228_tc2
PLOT DATE : 8/31/2020 2:58 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
●	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026220_TC2.DWG
LAYOUT NAME - 026229_tc2
PLOT DATE : 8/31/2020 2:58 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

ADVANCED WARNING AND END WORK SIGNING IS INCLUDED IN PROJECT ID 5845-01-76

USH 51 SB

USH 51 NB

4Y

4DY

4W

25' TYP.

12'

12'

12'

11'

11'

43ENB

44ENB

45ENB

46ENB

47ENB

48ENB

+29.26
-4.89'L

+49.85
0.00'R

+28.08
0.04'R

+60.27
12.17'R

+62.15
6.27'L

MATCHLINE A

MB

NEW TRAFFIC PATTERN AHEAD, REDUCE SPEED. USE PCMS FOR FIRST 7 DAYS OF NEW TRAFFIC PATTERN.

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026230_TC3A.DWG
LAYOUT NAME - 026232_tc3A

PLOT DATE : 8/31/2020 2:58 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROPOSED WORK TO BE CONSTRUCTED UNDER FLAGGING OPERATION.
SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON TIME RESTRICTIONS
FOR FLAGGING OPERATION. ONCE EXCAVATION BEGINS, FLAGGING OPERATION CANNOT BE REMOVED
UNTIL A DROP OFF OF LESS THAN 2 INCHES IS
ESTABLISHED ADJACENT TO TRAFFIC LANES. SEE SDD
"TRAFFIC CONTROL FOR LANE CLOSURE USING
FLAGGING OPERATION" FOR ADDITIONAL INFORMATION.

N

MATCHLINE A

MATCHLINE STA: 55NB+00

50NB
NB+98.76
-0.07'L
NB+98.90
10.93'R
NB+99.05
21.93'R
NB+47.06
0.41'R
NB+46.70
11.40'R
NB+46.33
22.40'R
4W
4DY
51NB
11'
11'
25' TYP.
52NB
NB+37.39
1.00'R
NB+37.39
12.00'R
NB+37.39
23.00'R
53NB
USH 51 SB
USH 51 NB
54NB
NB+02.45
1.00'R
NB+02.45
12.00'R
NB+00.90
12.00'R
NB+00.90
23.00'R
4Y
RT-4Y
RT-4W
PAINT
TAPE
NB+33.38
SIGN
SIGN
BLDG
BLDG
BLDG
50ENB+00.21
537.00'R
R=515.00'
56NB+82.05
512.78'R
R=515.00'
56NB+82.31
511.39'R
R=526.00'

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026230_TC3A.DWG
LAYOUT NAME - 026233_tc3A
PLOT DATE : 8/31/2020 2:59 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

MATCHLINE STA: 58NB+75

4W
4Y
4W
RT-4W

USH 51 NB

WIDENING CAN BE COMPLETED USING TEMPORARY PAVEMENT STRUCTURE OR WITH 12-INCHES OF BASE AGGREGATE DENSE 1 1/4-INCH, AREA IS INTENDED TO BE USED FOR TRUCK OVERTRACKING IN FUTURE STAGES AND NOT FOR THROUGH TRAFFIC.

58NB+79.96
503.00'L
R=515.00'

R3-2
24"X24"

58NB+83.97
513.99'L
R=515.00'

NB+91.85
15.14'R
RADIUS MID PT

STOP
R1-1
30"X30"

ONE WAY
R6-2R
24"X30"

COVER PLATES
TEMPORARY REQ'D

W1-4L
48"X48"

NB+75.24
-11.34'L

NB+56.22
34.89'R

RT-18

NB+30.31
22.13'R

ROBY ROAD
59ERD

MATCHLINE STA: 59ERD+75

DEER POINT DRIVE

4DY
4W

ERD+63.57
-24.00'L

ERD+85.00
-24.00'L

ERD+19.63
-11.80'L

ERD+85.00
-14.00'L

10'

ERD+88.50
0.00'

ERD+46.38
-14.00'L

ERD+61.07
-12.18'L

NB+15.32
-28.61'L

ERD+79.29
-7.58'L

ERD+10.00
0.00'

54ERD

ERD+85.00
-4.00'L

55ERD

56ERD

ERD+46.38
-4.00'L

SL-18

57ERD

NB+10.18
-17.64'L

58ERD

11'

1'

RT-4W
2' SEG.,
6' GAP

56ERD+46.38
46.00'R
R=50.00'

ERD+25.96
24.58'R

ERD+54.94
31.11'R
923.13

ERD+10.00
10.00'R

ERD+36.79
15.00'R

ERD+30.88
0.00'

ERD+59.89
15.00'R

ERD+85.00
24.00'R

ERD+40.56
24.00'R

STOP
R1-1
30"X30"

A

11'

10' TYP.

NB+30.67
-12.97'L

NB+05.07
10.97'R

NB+05.49
11.88'R

NB+07.64
23.00'R

ERD+40.56
84.00'R
R=60.00'

ERD+79.55
38.40'R

ONE WAY
R6-2R
24"X30"

4'

56NB

NB+15.98
-28.32'L

COVER PLATES
TEMPORARY REQ'D

PROPOSED WORK TO BE CONSTRUCTED UNDER FLAGGING OPERATION WITH ONE LANE ON DEER POINT DRIVE. ONCE EXCAVATION BEGINS, FLAGGING OPERATION CANNOT BE REMOVED UNTIL LOWER HMA LAYER IS CONSTRUCTED. SEE SDD TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR ADDITIONAL INFORMATION.

(A) ONCE ROUNDABOUT CIRCULATORY LOW POINT INLETS ARE INSTALLED; REMOVE TEMPORARY 12-INCH PIPE, REMOVING INLETS, AND SEALING PIPES REQ'D

COVER PLATES
TEMPORARY REQ'D

WIDENING CAN BE COMPLETED USING TEMPORARY PAVEMENT STRUCTURE OR WITH 12-INCHES OF BASE AGGREGATE DENSE 1 1/4-INCH, AREA IS INTENDED TO BE USED FOR TRUCK OVERTRACKING IN FUTURE STAGES AND NOT FOR THROUGH TRAFFIC.

25' TYP.

USH 51 SB

RT-4Y
RT-4W

R3-2
24"X24"

MATCHLINE STA: 55NB+00

TRAFFIC CONTROL FLEXIBLE TUBULAR POST & BASE REQ'D STA. 56NB+25 TO STA. 58NB+00 AT 5 FOOT SPACING.

LEGEND

- TRAFFIC CONTROL SIGNS ON TEMPORARY POST
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- ASPHALTIC SURFACE TEMPORARY
- REMOVING PAVEMENT MARKINGS
- 4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- 4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- 4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
- RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026230_TC3A.DWG
LAYOUT NAME - 026234_tc3A

PLOT DATE : 8/31/2020 2:59 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

LANE CLOSED
R11-2L
48"X30"

USH 51 SB

USH 51 NB

25' TYP.

11'

11'

60NB

61NB

62NB

63NB

64NB

59NB

NB+83.66
1.01'R

NB+83.65
12.01'R

NB+79.72
12.00'R

NB+79.71
23.00'R

NB+09.89
3.71'R

NB+09.72
14.71'R

NB+09.54
25.71'R

NB+00.00
4.00'R

NB+00.00
15.00'R

NB+00.00
26.00'R

4DY

4W

MATCHLINE STA: 58NB+75

MATCHLINE B

2 EA REMOVING APRON ENDWALLS REQ'D
REMOVE CULVERT PIPE TEMPORARY TO
2' OUTSIDE THE SELECT CRUSHED MATERIAL
FOR NORTHBOUND US 51.
ABANDONING CULVERT PIPES REQ'D FOR REMAINING
CULVERT PIPE TEMPORARY LEFT IN PLACE.

58NB+67.65
2,063.50'R
R=2,040.50'

SIGN

SIGN

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

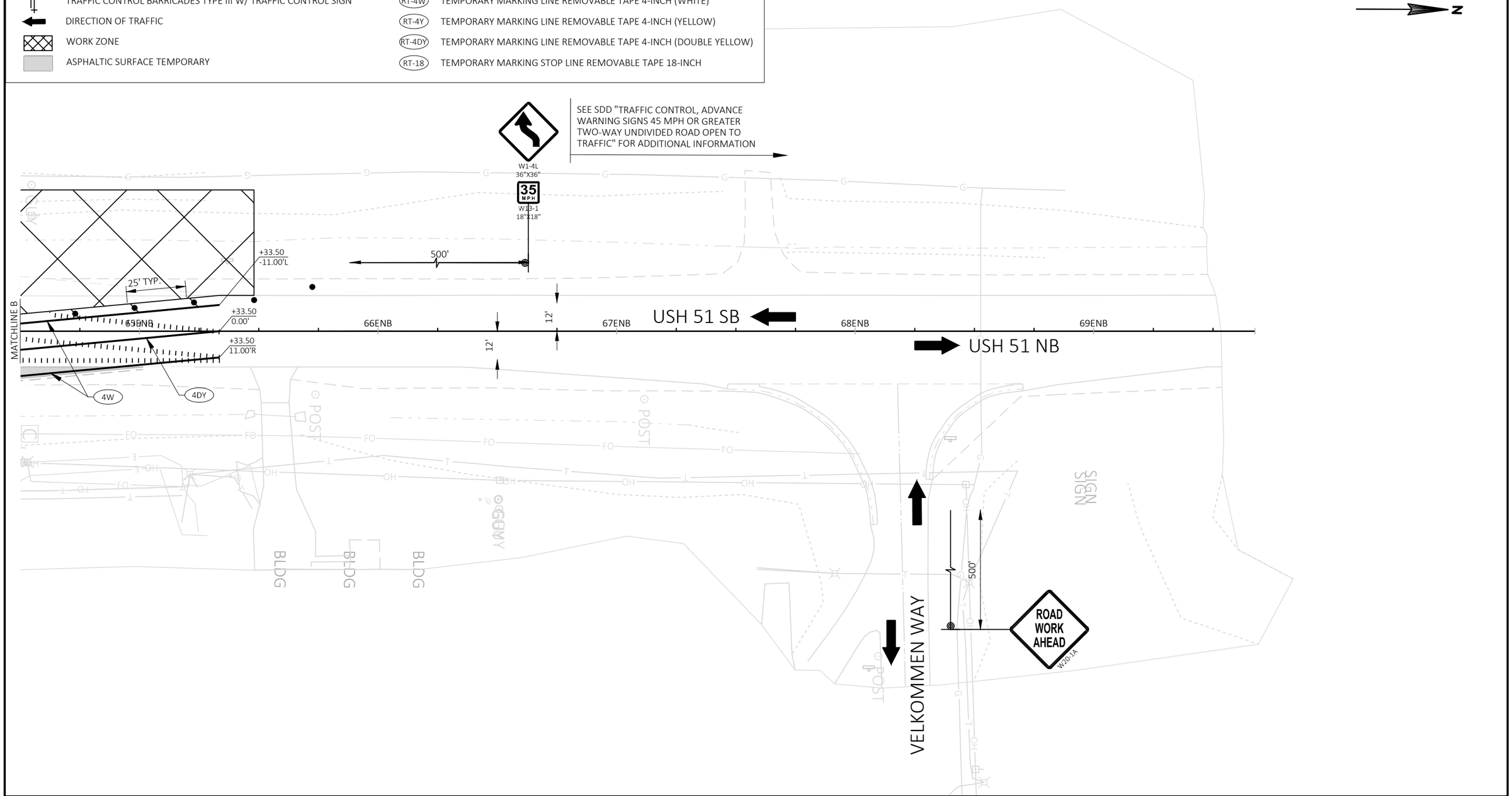
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026230_TC3A.DWG
LAYOUT NAME - 026235_tc3A
PLOT DATE : 8/31/2020 2:59 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

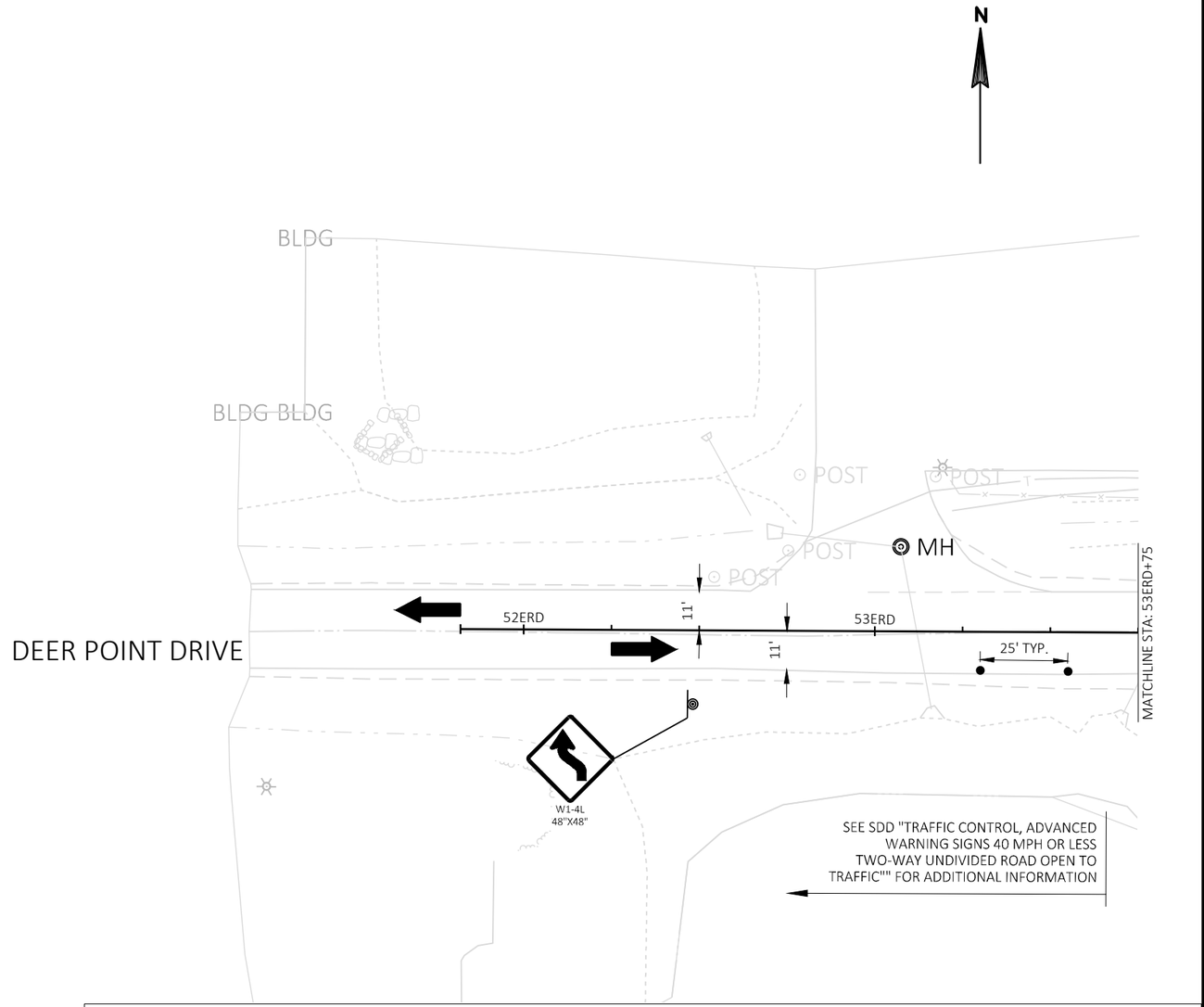


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026230_TC3A.DWG
LAYOUT NAME - 026236_tc3A

PLOT DATE : 8/31/2020 2:59 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

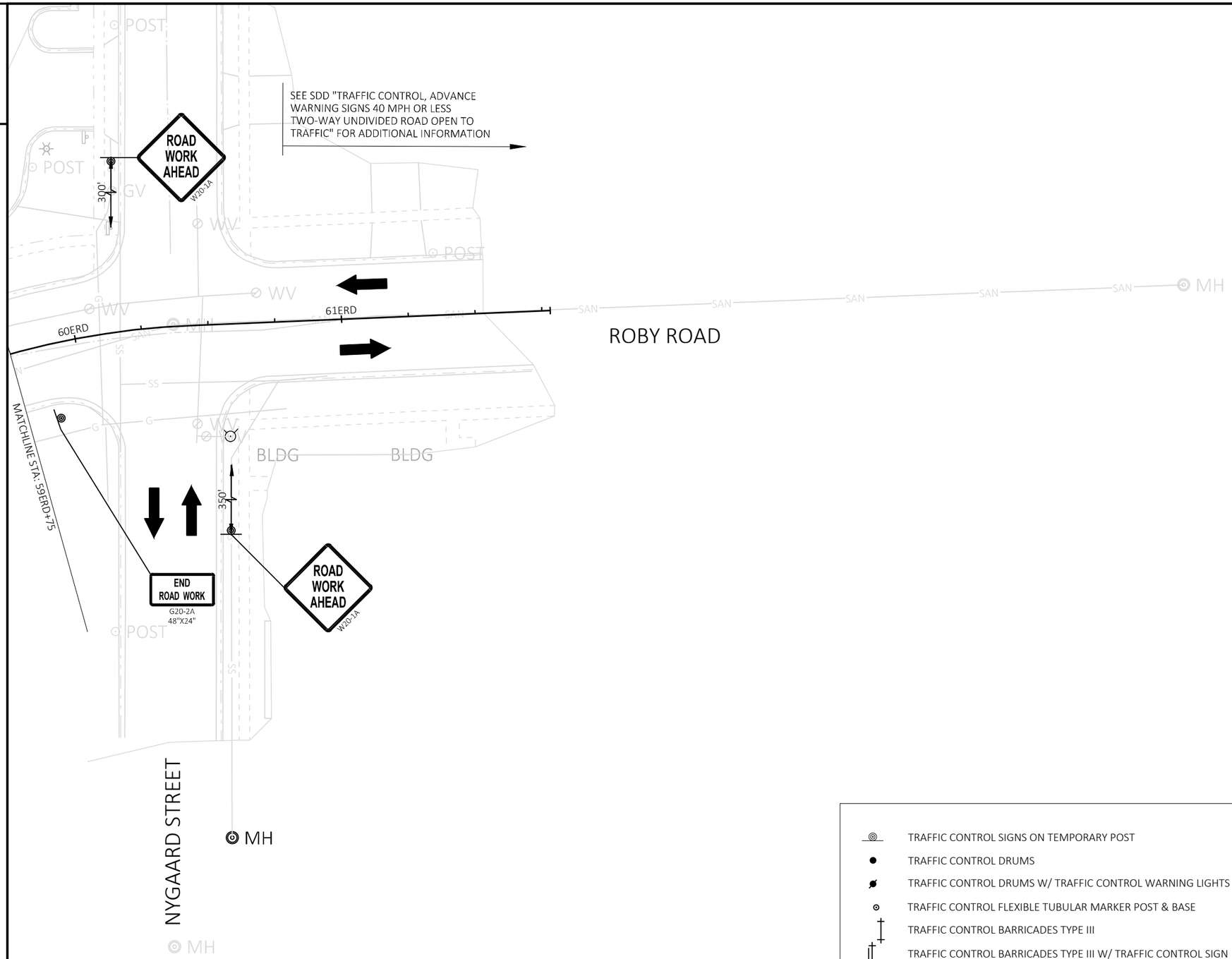


LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E

2



LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026230_TC3A.DWG
LAYOUT NAME - 026239_tc3A
PLOT DATE : 8/31/2020 2:59 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

MATCHLINE STA: 58NB+75
STAGE 3A

USH 51 NB

R3-2
24"X24"

58SB

58NB

57NB+70.34
74.35'L
R=60.00'

PROPOSED WORK TO BE CONSTRUCTED UNDER FLAGGING OPERATION WITH ONE LANE ON DEER POINT DRIVE. ONCE EXCAVATION BEGINS, FLAGGING OPERATION CANNOT BE REMOVED UNTIL LOWER HMA LAYER IS CONSTRUCTED. SEE SDD TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION" FOR ADDITIONAL INFORMATION.

NB+75.24
-11.34'L

NB+54.86
-16.33'L

STOP
R1-1
30"X30"

ONE WAY
R6-2R
24"X30"

ROBY ROAD

59ERD

MATCHLINE STA: 59ERD+75
STAGE 3A

MATCHLINE STA: 53ERD+75
STAGE 2

ERD+10.00
-10.00'L

54ERD

55ERD

56ERD

57ERD

58ERD

ERD+52.29
4.00'R

11'

ERD+10.00
0.00'

ERD+85.00
4.00'R

10'

ERD+29.74
14.00'R

ERD+49.49
16.84'R

ERD+10.00
10.00'R

RT-4DY

ERD+85.00
14.00'R

10'

ERD+70.44
23.01'R

SL-18

RT-4W

2' SEG.,
6' GAP

10' TYP.

RT-4W

ERD+85.00
24.00'R

ERD+40.56
24.00'R

ERD+29.74
24.00'R

DEER POINT DRIVE

STOP
R1-1
30"X30"

ONE WAY
R6-2R
24"X30"

56SB

56NB

NB+94.65
3.59'R

55NB+77.76
53.02'L
R=60.00'

25' TYP.

USH 51 SB

R3-2
24"X24"

55SB

55NB

MATCHLINE STA: 55NB+00
STAGE 3A

LEGEND

- TRAFFIC CONTROL SIGNS ON TEMPORARY POST
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C
- TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE
- TRAFFIC CONTROL BARRICADES TYPE III
- TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN
- DIRECTION OF TRAFFIC
- WORK ZONE
- ASPHALTIC SURFACE TEMPORARY
- REMOVING PAVEMENT MARKINGS
- 4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
- 4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- 4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
- SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
- RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 3B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026230_TC3B.DWG
LAYOUT NAME - 026234_tc3B

PLOT DATE : 8/31/2020 2:59 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

APPLY PERMANENT PAVEMENT MARKINGS.
SEE PAVEMENT MARKING DETAILS.

USH 51 SB

USH 51 NB

12'

12'

12'

12'

43ENB

44ENB

45ENB

46ENB

47ENB

48ENB

49ENB

MATCHLINE A

SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION

LEGEND

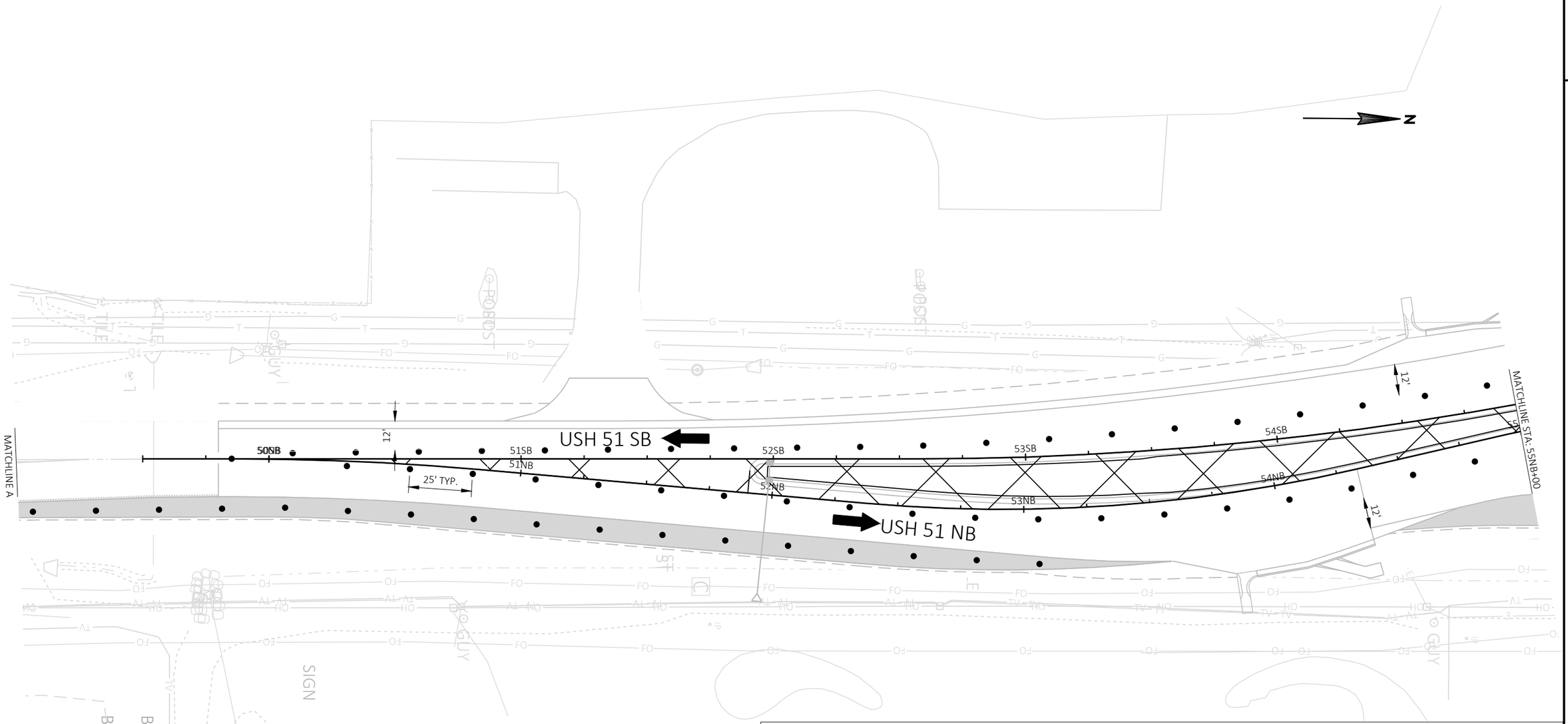
	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4A.DWG
LAYOUT NAME - 026242_tc4a

PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

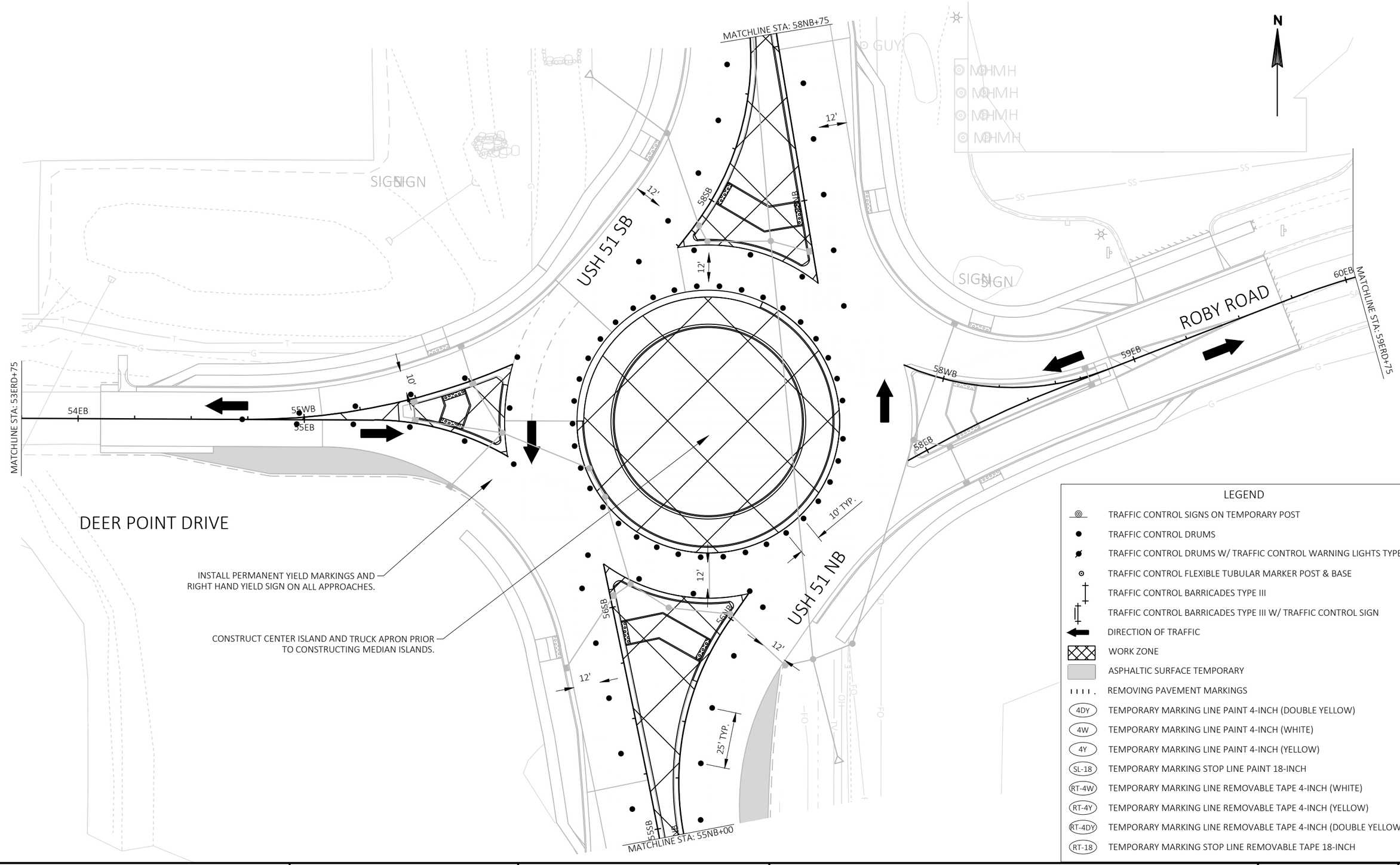
	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4A.DWG
LAYOUT NAME - 026243_tc4A

PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

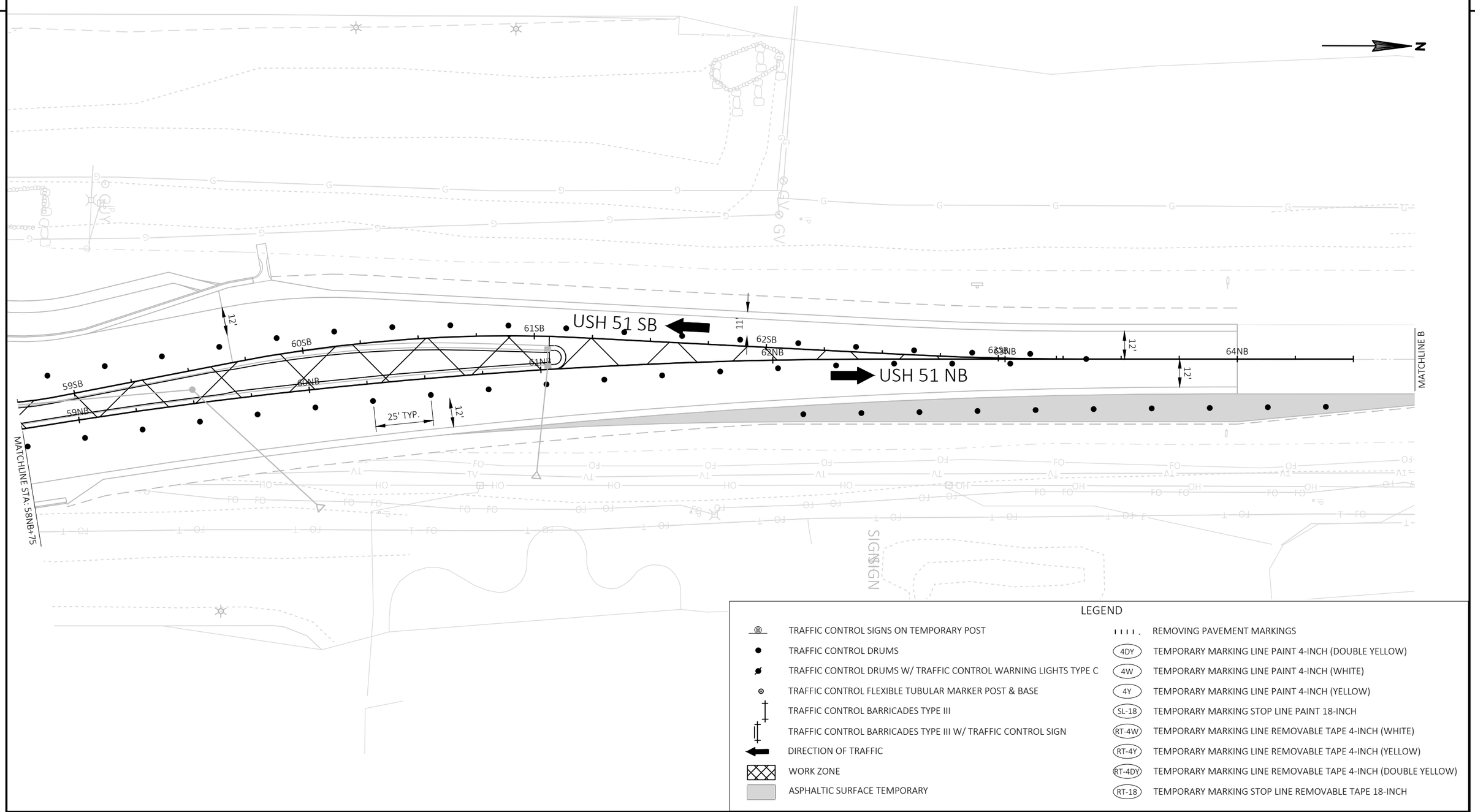


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4A.DWG
LAYOUT NAME - 026244_tc4A

PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4A.DWG
LAYOUT NAME - 026245_tc4A
PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

N

SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION

MATCHLINE B

65ENB 66ENB 67ENB 68ENB 69ENB

12' 12'

USH 51 SB

USH 51 NB

VELKOMMEN WAY

500'

ROAD WORK AHEAD W20-1A

POST POST POST

BLDG BLDG BLDG

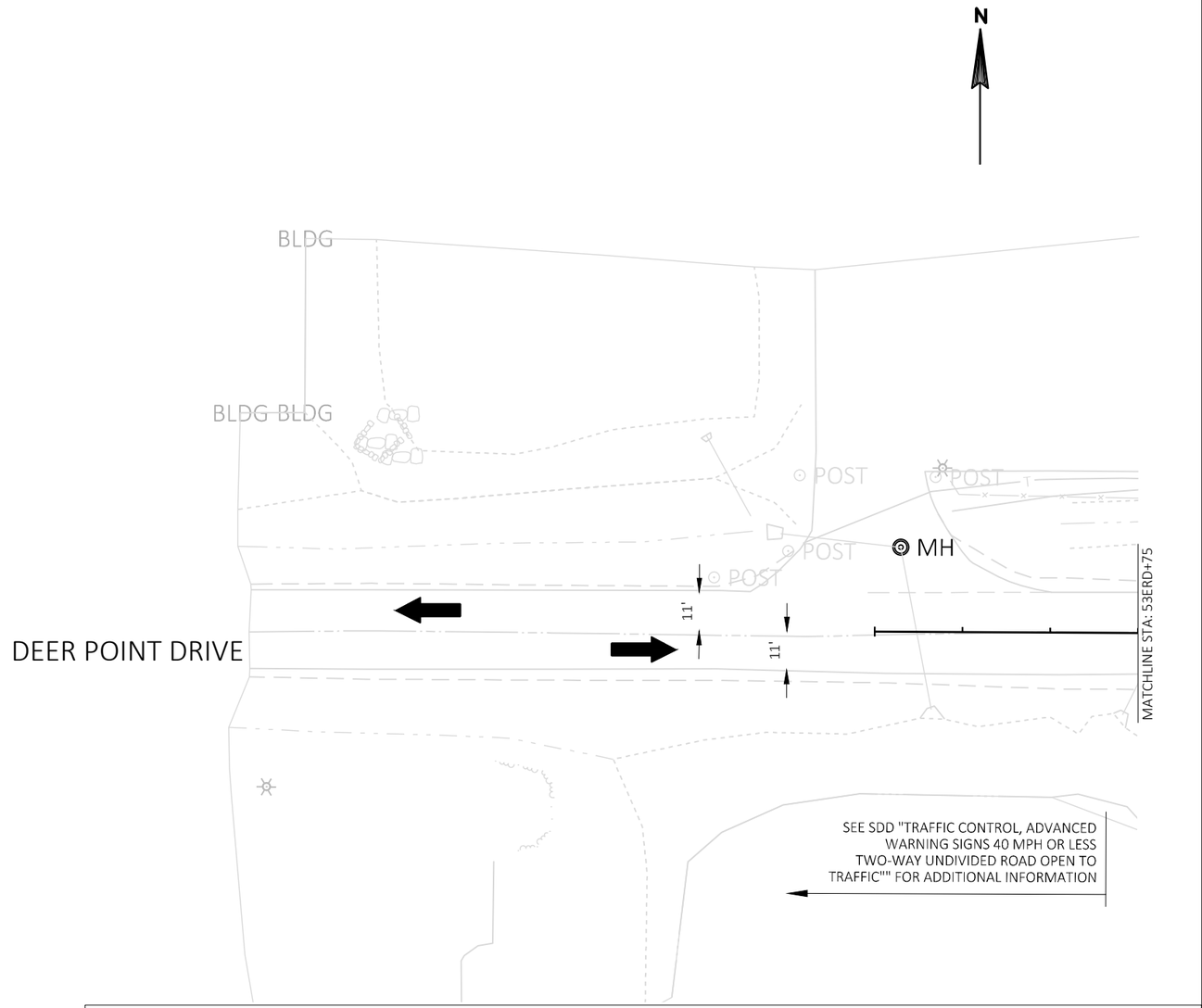
SIGN SIGN

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4A.DWG
LAYOUT NAME - 026246_tc4A

PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



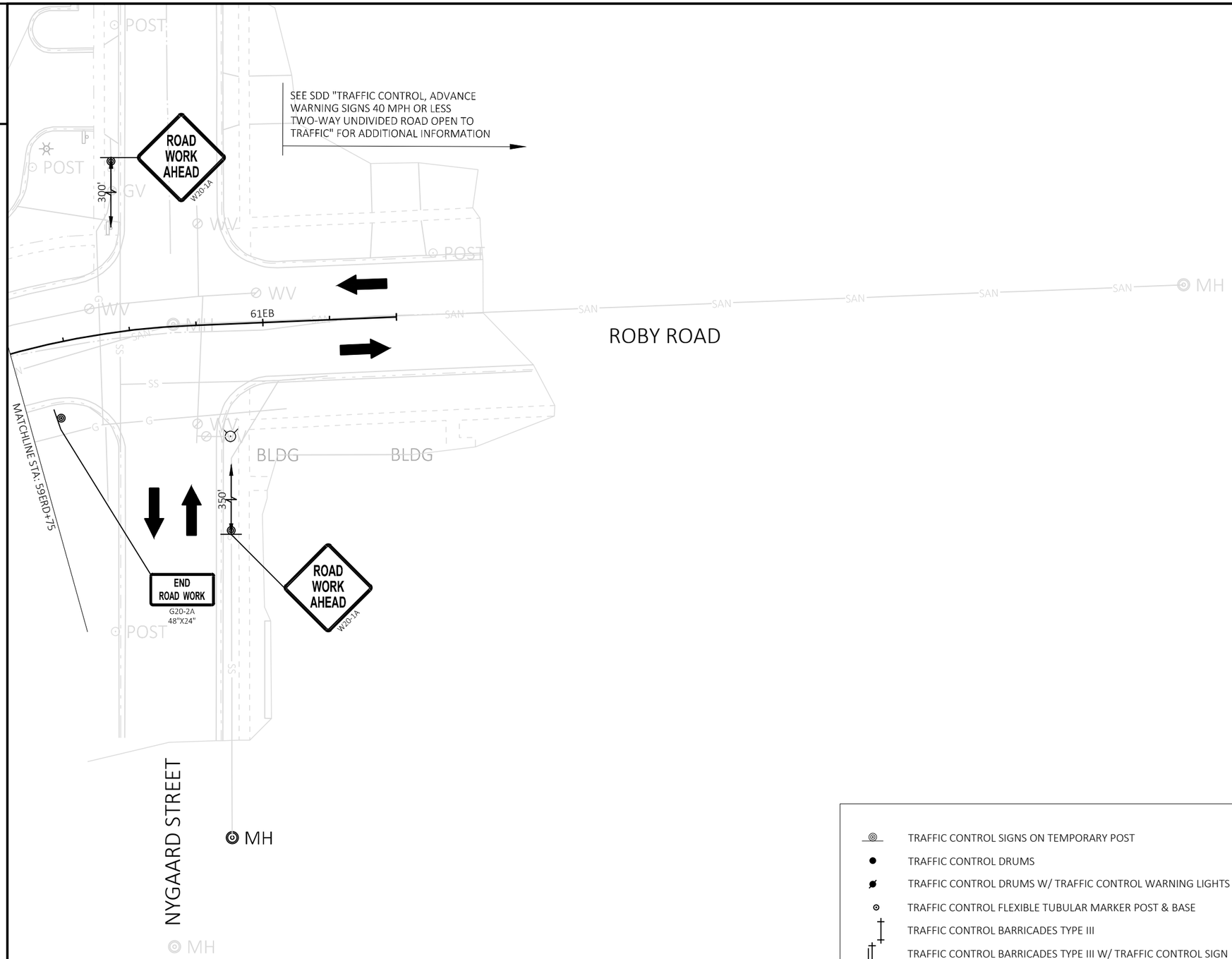
LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4A.DWG
LAYOUT NAME - 026248_tc4A
PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



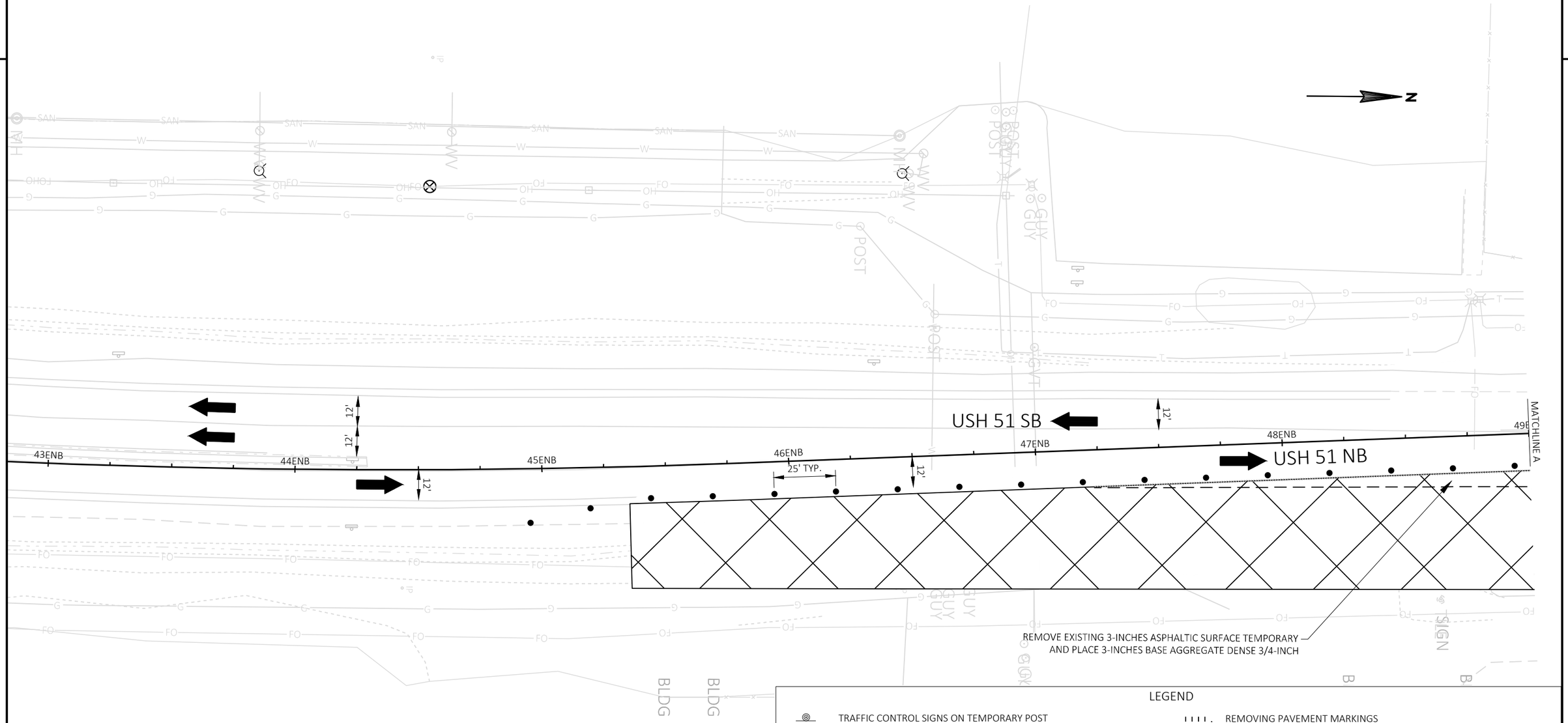
LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4A.DWG
LAYOUT NAME - 026249_tc4A
PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4B.DWG
LAYOUT NAME - 026242_tc4B

PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

N

USH 51 SB

USH 51 NB

MATCHLINE A

MATCHLINE STA: 55NB+00

50SB
50NB
51SB
51NB
52SB
52NB
53SB
53NB
54SB
54NB
55

25' TYP.

12'

REMOVE EXISTING 3-INCHES ASPHALTIC SURFACE TEMPORARY
AND PLACE 3-INCHES BASE AGGREGATE DENSE 3/4-INCH

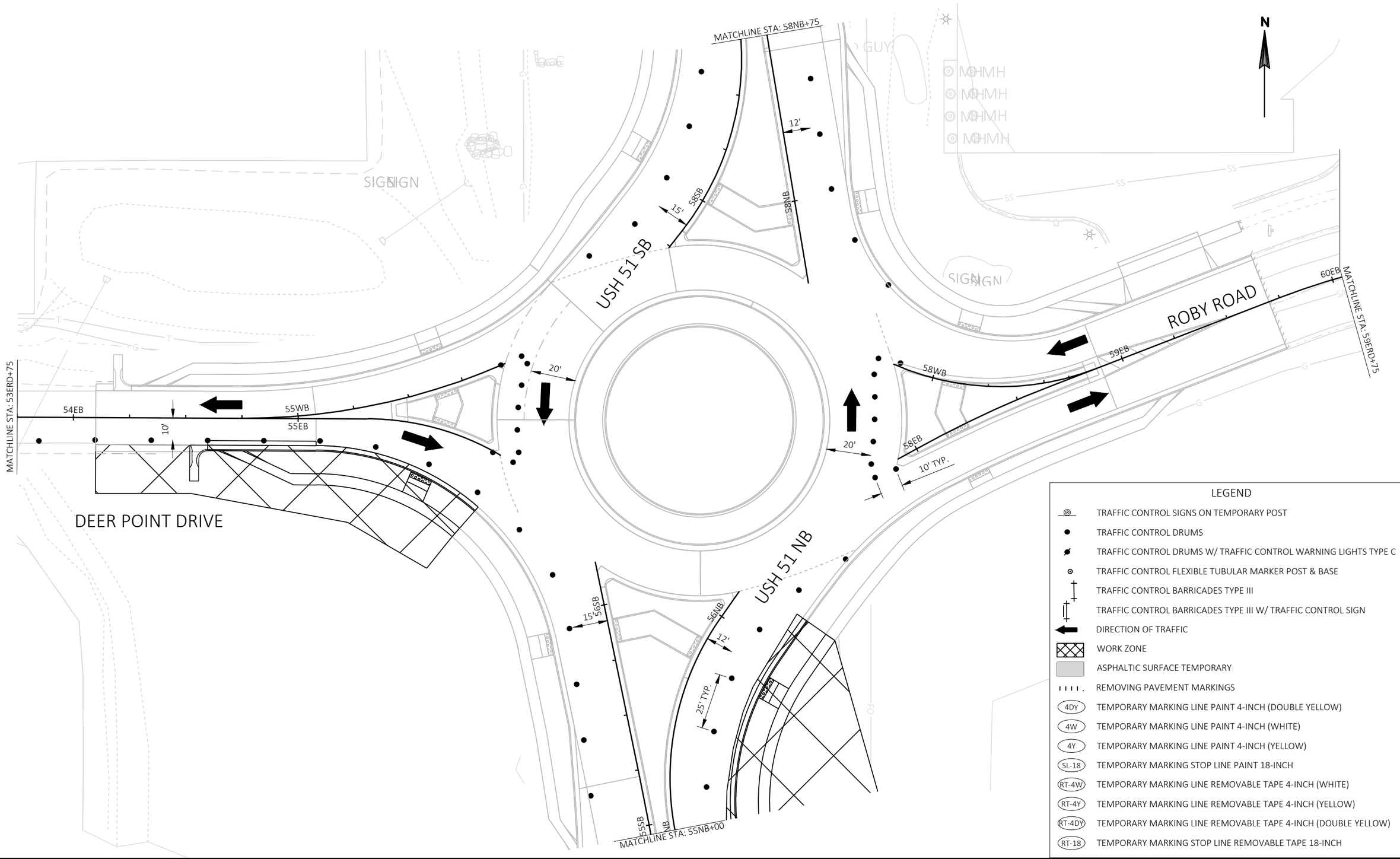
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4B.DWG
LAYOUT NAME - 026243_tc4B

PLOT DATE : 8/31/2020 3:00 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4B.DWG
LAYOUT NAME - 026244_tc4B

PLOT DATE : 8/31/2020 3:01 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

USH 51 SB

USH 51 NB

59SB
59NB
60SB
60NB
61SB
61NB
62SB
62NB
63SB
63NB
64NB

15'
12'
12'
11'

MATCHLINE STA. 58NB+75

MATCHLINE B

REMOVE EXISTING 3-INCHES ASPHALTIC SURFACE TEMPORARY AND PLACE 3-INCHES BASE AGGREGATE DENSE 3/4-INCH

SIGN

LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4B.DWG
LAYOUT NAME - 026245_tc4B

PLOT DATE : 8/31/2020 3:01 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

TRAFFIC CONTROL SIGNS ON TEMPORARY POST	REMOVING PAVEMENT MARKINGS
TRAFFIC CONTROL DRUMS	4DY — TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
TRAFFIC CONTROL BARRICADES TYPE III	SL-18 — TEMPORARY MARKING STOP LINE PAINT 18-INCH
TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
DIRECTION OF TRAFFIC	RT-4Y — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
WORK ZONE	RT-4DY — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
ASPHALTIC SURFACE TEMPORARY	RT-18 — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

N

SEE SDD "TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY" FOR ADDITIONAL INFORMATION

MATCHLINE B

65ENB 66ENB 12' 12' 67ENB 68ENB 69ENB

USH 51 SB

USH 51 NB

REMOVE EXISTING 3-INCHES ASPHALTIC SURFACE TEMPORARY AND PLACE 3-INCHES BASE AGGREGATE DENSE 3/4-INCH

VELKOMMEN WAY

500'

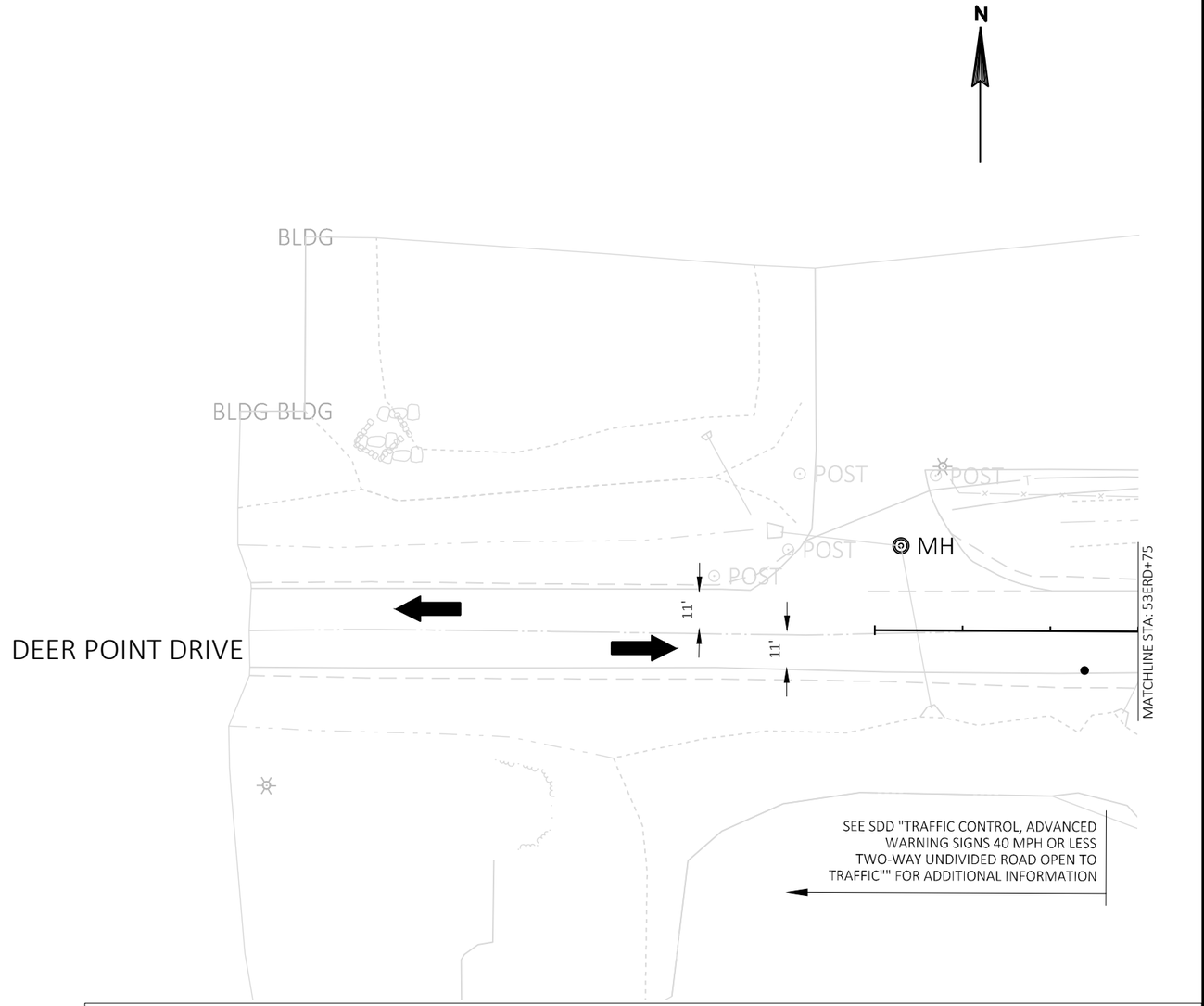
ROAD WORK AHEAD W20-1A

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4B.DWG
LAYOUT NAME - 026246_tc4B

PLOT DATE : 8/31/2020 3:01 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



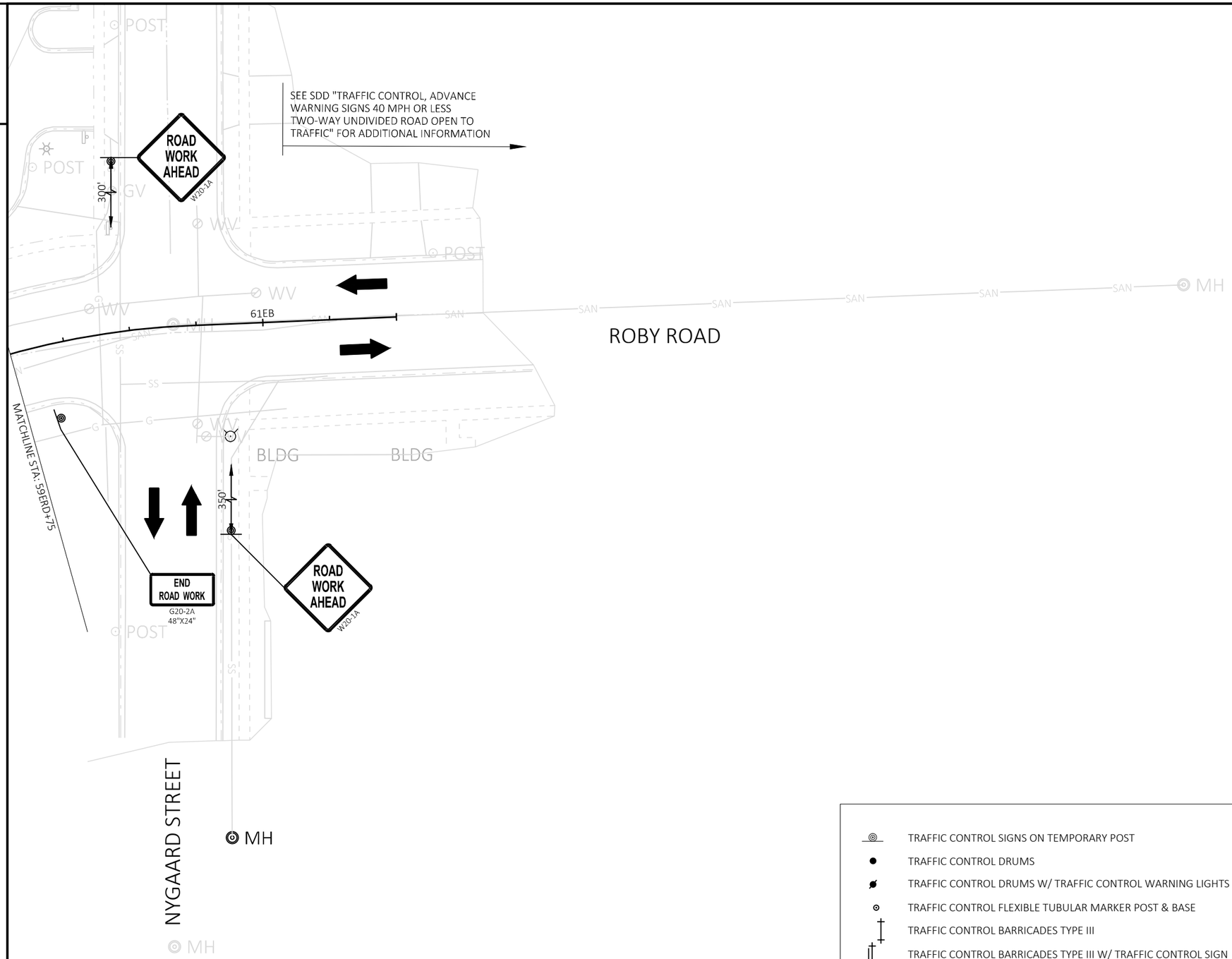
LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4B.DWG
LAYOUT NAME - 026248_tc4B
PLOT DATE : 8/31/2020 3:01 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

	TRAFFIC CONTROL SIGNS ON TEMPORARY POST		REMOVING PAVEMENT MARKINGS
	TRAFFIC CONTROL DRUMS	4DY	TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW)
	TRAFFIC CONTROL DRUMS W/ TRAFFIC CONTROL WARNING LIGHTS TYPE C	4W	TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
	TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POST & BASE	4Y	TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)
	TRAFFIC CONTROL BARRICADES TYPE III	SL-18	TEMPORARY MARKING STOP LINE PAINT 18-INCH
	TRAFFIC CONTROL BARRICADES TYPE III W/ TRAFFIC CONTROL SIGN	RT-4W	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
	DIRECTION OF TRAFFIC	RT-4Y	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
	WORK ZONE	RT-4DY	TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
	ASPHALTIC SURFACE TEMPORARY	RT-18	TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	TRAFFIC CONTROLS - STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\026240_TC4B.DWG
LAYOUT NAME - 026249_tc4B
PLOT DATE : 8/31/2020 3:01 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

2

N

X:857017.61
Y:428427.04
PI: 49+45.03ENB

X:857014.21
Y:428995.41
PI: 55+13.41ENB

49ENB 50ENB 51ENB 52ENB 53ENB 54ENB 55ENB 56ENB 57ENB 58ENB 59ENB 60ENB 61ENB 62ENB 63ENB 64ENB

PI

N0° 20' 34"W

PI

52ERD 53ERD 54ERD 55ERD 56ERD

N89° 53' 48"W

BEGIN CONSTRUCTION
STA: 54ERD+10.00 = 54EB+10.00
Y = 429160.990
X = 856745.178

BEGIN PROJECT
STA: 49ENB+80.00 = 49NB+80.00
Y = 428462.011
X = 857017.396

STA. 56ENB+78.50=
STA. 56ERD+78.50

57ERD

PC: ERD1

PI: ERD1

58ERD

PT: ERD1

N68° 43' 02"E

59ERD

PI: ERD2

PI: ERD2

60ERD

PT: ERD2

61ERD

N87° 26' 47"E

END CONSTRUCTION
STA: 59ERD+40.54 = 59EB+70.00
Y = 429214.117
X = 857266.971

END PROJECT
STA: 63ENB+73.50 = 64NB+00.00
Y = 429855.498
X = 857011.457

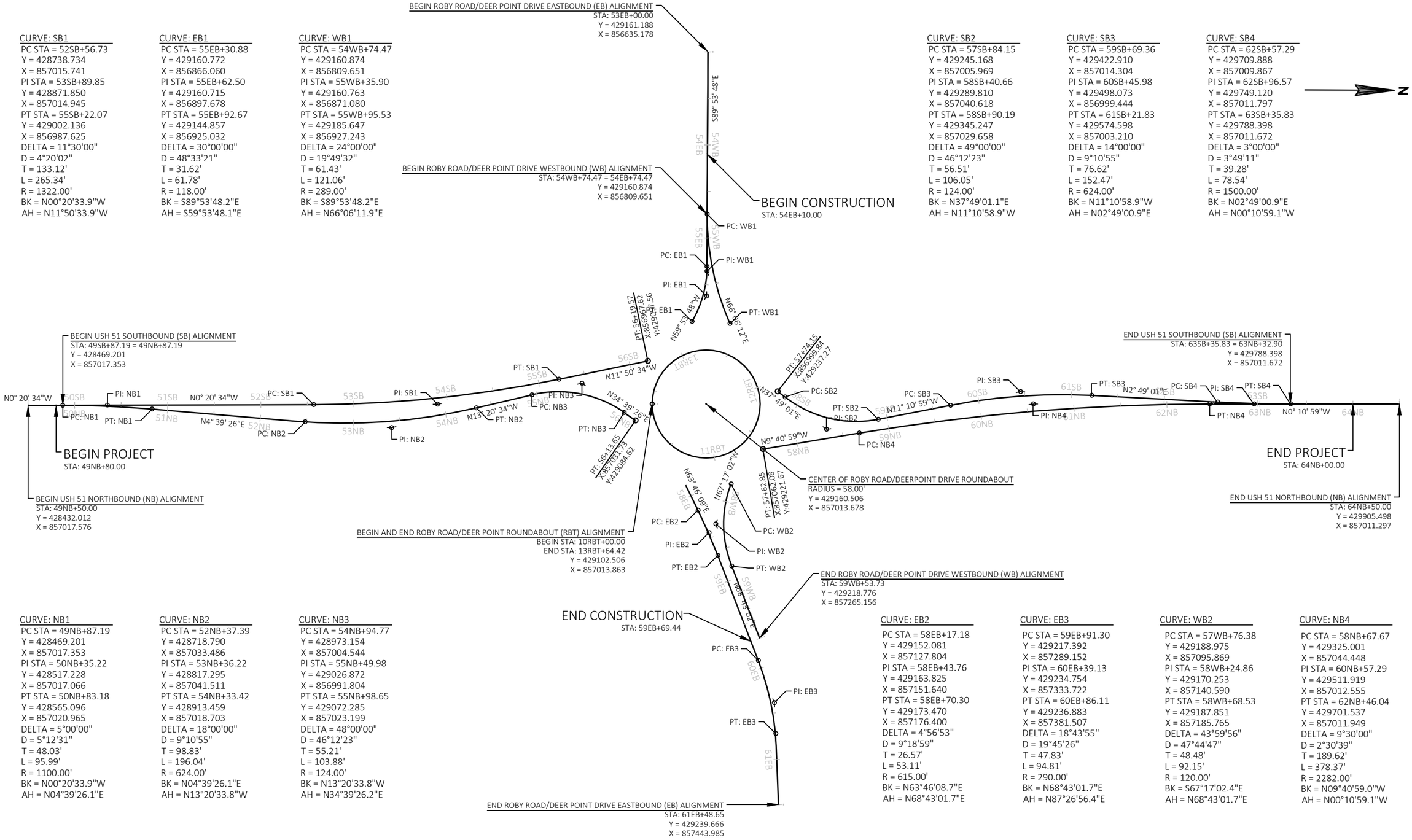
CURVE: ERD1
PC STA = 57ERD+35.10
Y = 429160.404
X = 857070.274
PI STA = 57ERD+93.63
Y = 429160.298
X = 857128.810
PT STA = 58ERD+50.81
Y = 429181.545
X = 857183.354
DELTA = 21°23'10"
D = 18°28'57"
T = 58.54'
L = 115.71'
R = 310.00'
BK = S89°53'48.2"E
AH = N68°43'01.7"E

CURVE: ERD2
PC STA = 59ERD+46.01
Y = 429216.100
X = 857272.061
PI STA = 59ERD+95.49
Y = 429234.061
X = 857318.168
PT STA = 60ERD+44.09
Y = 429236.263
X = 857367.600
DELTA = 18°43'55"
D = 19°05'55"
T = 49.48'
L = 98.08'
R = 300.00'
BK = N68°43'01.7"E
AH = N87°26'56.4"E

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	EXISTING ALIGNMENT DETAILS	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\027201_AD.DWG
LAYOUT NAME - 027201_ad
PLOT DATE : 8/31/2020 3:01 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PROPOSED ALIGNMENT DETAILS	SHEET	E

2

CURVE: SWA1
PC STA = 55SWA+87.64
Y = 429061.388
X = 856950.678
PI STA = 56SWA+76.80
Y = 429148.652
X = 856932.380
PT STA = 57SWA+37.49
Y = 429148.813
X = 856843.218
DELTA = 78°03'14"
D = 52°05'13"
T = 89.16'
L = 149.85'
R = 110.00'
BK = N11°50'33.9"W
AH = N89°53'48.2"W

CURVE: NWA1
PC STA = 55NWA+98.37
Y = 429172.875
X = 856809.099
PI STA = 56NWA+50.47
Y = 429172.781
X = 856861.197
PT STA = 57NWA+01.04
Y = 429193.894
X = 856908.826
DELTA = 24°00'36"
D = 23°23'10"
T = 52.10'
L = 102.67'
R = 245.00'
BK = S89°53'48.2"E
AH = N66°05'35.7"E

CURVE: NWA2
PC STA = 57NWA+01.04
Y = 429193.894
X = 856908.826
PI STA = 57NWA+25.32
Y = 429203.733
X = 856931.023
PT STA = 57NWA+48.93
Y = 429221.536
X = 856947.531
DELTA = 23°15'13"
D = 48°33'21"
T = 24.28'
L = 47.89'
R = 118.00'
BK = N66°05'35.7"E
AH = N42°50'22.7"E

CURVE: NWA3
PC STA = 57NWA+48.93
Y = 429221.536
X = 856947.531
PI STA = 57NWA+68.05
Y = 429235.557
X = 856960.533
PT STA = 57NWA+87.15
Y = 429250.662
X = 856972.257
DELTA = 5°01'21"
D = 13°08'28"
T = 19.12'
L = 38.22'
R = 436.00'
BK = N42°50'22.7"E
AH = N37°49'02.1"E

CURVE: NWA4
PC STA = 58NWA+03.22
Y = 429263.362
X = 856982.114
PI STA = 58NWA+54.26
Y = 429303.684
X = 857013.410
PT STA = 58NWA+99.01
Y = 429353.756
X = 857003.511
DELTA = 49°00'01"
D = 51°09'25"
T = 51.04'
L = 95.78'
R = 112.00'
BK = N37°49'02.1"E
AH = N11°10'58.9"W

N

BEGIN CONSTRUCTION
STA: 54EB+10.00

END SOUTHWEST (SWA) ALIGNMENT
STA: 57SWA+37.49 = 55EB+08.06 OFFSET: 12'
Y = 429148.813
X = 856843.218

BEGIN SOUTHWEST (SWA) ALIGNMENT
STA: 55SWA+87.64 = 55SB+87.64 OFFSET: 24'
Y = 429061.388
X = 856950.679

BEGIN NORTHWEST (NWA) ALIGNMENT
STA: 55NWA+98.37 = 54WB+73.90 OFFSET: 12'
Y = 429172.875
X = 856809.099

BEGIN NORTHWEST (NWA) ALIGNMENT
STA: 58NWA+99.01 = 59SB+03.61 OFFSET: 24'
Y = 429353.756
X = 857003.511

BEGIN PROJECT
STA: 49NB+80.00

END PROJECT
STA: 64NB+00.00

BEGIN SOUTHEAST (SEA) ALIGNMENT
STA: 54SEA+86.70 = 54NB+81.36 OFFSET: 24'
Y = 428965.638
X = 857030.993

END SOUTHEAST (SEA) ALIGNMENT
STA: 57SEA+73.54 = 58EB+89.24 OFFSET: 15'
Y = 429166.370
X = 857199.450

END NORTHEAST (NEA) ALIGNMENT
STA: 57NEA+10.88 = 57NB+94.39 OFFSET: 15'
Y = 429256.803
X = 857080.432

BEGIN NORTHEAST (NEA) ALIGNMENT
STA: 56NEA+81.43 = 58WB+73.37 OFFSET: 15'
Y = 429198.005
X = 857184.284

END CONSTRUCTION
STA: 59EB+69.44

CURVE: SEA1
PC STA = 54SEA+86.70
Y = 428965.638
X = 857030.993
PI STA = 55SEA+36.57
Y = 429014.158
X = 857019.485
PT STA = 55SEA+80.53
Y = 429055.176
X = 857047.842
DELTA = 48°00'00"
D = 51°09'25"
T = 49.87'
L = 93.83'
R = 112.00'
BK = N13°20'33.8"W
AH = N34°39'26.1"E

CURVE: SEA2
PC STA = 56SEA+01.92
Y = 429072.768
X = 857060.004
PI STA = 56SEA+13.67
Y = 429082.437
X = 857066.689
PT STA = 56SEA+25.42
Y = 429091.732
X = 857073.885
DELTA = 3°05'19"
D = 13°08'28"
T = 11.75'
L = 23.50'
R = 436.00'
BK = N34°39'26.1"E
AH = N37°44'45.4"E

CURVE: SEA3
PC STA = 56SEA+25.42
Y = 429091.732
X = 857073.885
PI STA = 56SEA+58.47
Y = 429117.862
X = 857094.114
PT STA = 56SEA+90.47
Y = 429133.073
X = 857123.450
DELTA = 24°50'52"
D = 38°11'50"
T = 33.05'
L = 65.05'
R = 150.00'
BK = N37°44'45.4"E
AH = N62°35'37.7"E

CURVE: SEA4
PC STA = 56SEA+90.47
Y = 429133.073
X = 857123.450
PI STA = 57SEA+22.56
Y = 429147.845
X = 857151.941
PT STA = 57SEA+54.60
Y = 429159.493
X = 857181.844
DELTA = 6°07'24"
D = 9°32'57"
T = 32.09'
L = 64.12'
R = 600.00'
BK = N62°35'37.7"E
AH = N68°43'01.7"E

CURVE: NEA1
PC STA = 55NEA+81.43
Y = 429201.257
X = 857178.855
PI STA = 56NEA+70.94
Y = 429168.768
X = 857095.453
PT STA = 57NEA+10.88
Y = 429257.000
X = 857080.398
DELTA = 101°35'59"
D = 78°29'15"
T = 89.51'
L = 129.45'
R = 73.00'
BK = S68°43'01.7"W
AH = N09°40'59.0"W

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PROPOSED ALIGNMENT DETAILS	SHEET	E

2

CP 907 3/4" REBAR
STA. 35+21.65, 66.10' RT
ELEV = 912.28
Y = 427003.026
X = 857064.658

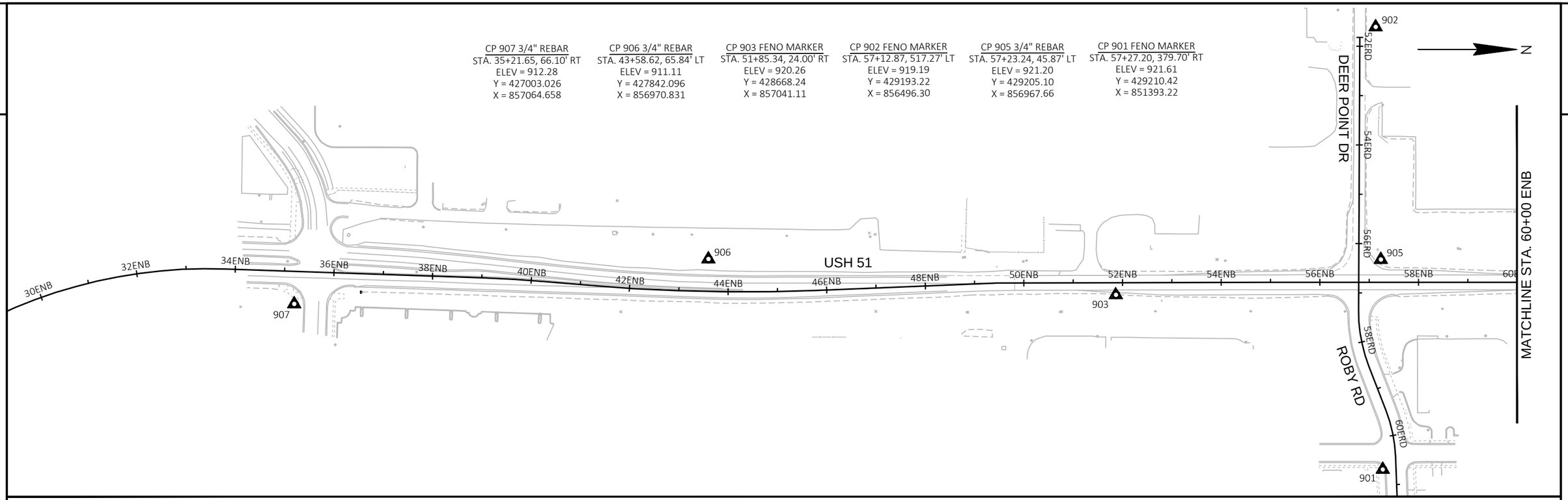
CP 906 3/4" REBAR
STA. 43+58.62, 65.84' LT
ELEV = 911.11
Y = 427842.096
X = 856970.831

CP 903 FENO MARKER
STA. 51+85.34, 24.00' RT
ELEV = 920.26
Y = 428668.24
X = 857041.11

CP 902 FENO MARKER
STA. 57+12.87, 517.27' LT
ELEV = 919.19
Y = 429193.22
X = 856496.30

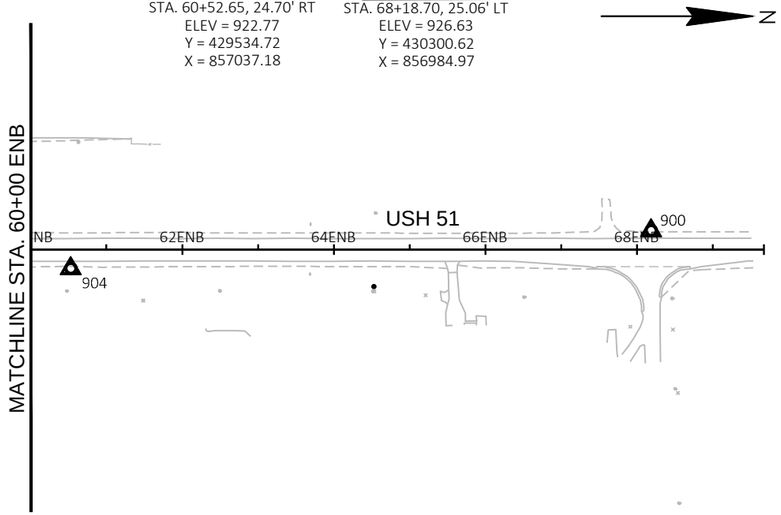
CP 905 3/4" REBAR
STA. 57+23.24, 45.87' LT
ELEV = 921.20
Y = 429205.10
X = 856967.66

CP 901 FENO MARKER
STA. 57+27.20, 379.70' RT
ELEV = 921.61
Y = 429210.42
X = 851393.22



CP 904 3/4" REBAR
STA. 60+52.65, 24.70' RT
ELEV = 922.77
Y = 429534.72
X = 857037.18

CP 900 3/4" REBAR
STA. 68+18.70, 25.06' LT
ELEV = 926.63
Y = 430300.62
X = 856984.97



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CONTROL POINT DATA	SHEET	E

REMOVAL

CATEGORY	STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0205 GRUBBING STA	204.0180 REMOVING DELINEATORS AND MARKERS EACH
0010	54+00	-	56+00	SB	2	2	0
		57+48		ENB	---	---	2
		57+27		ERD	---	---	2
				TOTAL 0010	**2**	**2**	**4**

REMOVING CULVERT

CATEGORY	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH	REMARKS
STAGE 1				
0010	51+25	ENB	1	DRIVEWAY PIPE
STAGE 2				
0010	57+28	ERD	1	CROSS PIPE
0010	57+49	ENB	1	CROSS PIPE
STAGE 2 SUBTOTAL			2	
		TOTAL 0010	**3**	

REMOVING PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	204.0100 REMOVING CONCRETE PAVEMENT SY	204.0150 REMOVING CURB & GUTTER LF	REMARKS
STAGE 2							
0010	49+80	-	63+74	ENB	3,369	--	MAINLINE
0010	54+32	-	58+90	ENB	--	--	DEER POINT DRIVE AND MAINLINE
0010	51+09	-	60+00	ENB	--	--	ROBY ROAD AND MAINLINE
0010	57+04	-	59+41	ERD	--	269	SOUTH EAST QUAD
0010	57+03	-	59+41	ERD	--	260	NORTH EAST QUAD
0010	58+78	-	59+28	ERD	61	--	GAS STATION DRIVEWAY
	STAGE 2 SUBTOTAL				**3,430**	**529**	
STAGE 3A							
0010	49+80	-	63+74	ENB	1,241	--	MAINLINE
0010	50+71	-	51+96	ENB	--	--	DRIVEWAY
	STAGE 3A SUBTOTAL				**1,241**	**0**	
STAGE 3B							
0010	49+80	-	63+74	ENB	**46**	**--**	MAINLINE
				TOTAL 0010	**4,717**	**529**	

REMOVING SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY
STAGE 2					
0010	57+48	-	59+41	ERD	88
				TOTAL 0010	**88**

EARTHWORK SUMMARY

CATEGORY	STAGE	LOCATION	STATION - STATION	205.0100 EXCAVATION COMMON (1) CUT (2) CY	205.0100 EXCAVATION COMMON (1) EBS EXCAVATION (3) CY	SALVAGED/ UNUSABLE PAVEMENT MATERIAL CY	AVAILABLE MATERIAL (4) CY	EXPANDED EBS BACKFILL (5) FACTOR 1.25 CY	UNEXPANDED FILL CY	EXPANDED FILL (6) FACTOR 1.25 CY	MASS ORDINATE +/- (7)	WASTE CY	* 312.0110 SELECT CRUSHED MATERIAL (8) TON
0010	STAGE 1	USH 51 SB TEMP WIDENING	48+31 ENB - 65+50 ENB	922	56	0	922	70	1,037	1,296	-374	-374	133
		DEER POINT DRIVE TEMP WIDENING	54+21 ERD - 55+71 ERD	29	5	0	29	6	7	9	20	20	11
			SUBTOTALS (STAGE 1)	951	61	0	951	76	1,044	1,305	-354	-354	144
	STAGE 2	USH 51 NORTHBOUND	49+80 NB - 64+00 NB	5,366	49	636	4,730	61	2,002	2,503	2,227	2,227	116
		NORTHEAST DITCH EBS (9)	57+58 NB - 60+48 NB	43	0	0	43	0	43	54	-11	-11	0
		USH 51 NB TEMP WIDENING	47+24 ENB - 49+80 ENB;63+74 ENB - 65+01 ENB	93	0	0	93	0	18	23	70	70	0
		ROUNDABOUT		641	9	130	511	11	31	39	472	472	21
		ROBY ROAD - EASTBOUND	57+90 EB - 59+69 EB	182	1	0	182	1	0	0	182	182	2
		ROBY ROAD - WESTBOUND	57+81 WB - 58+73 WB	287	1	0	287	1	0	0	287	287	2
			SUBTOTALS (STAGE 2)	6,612	60	766	5,846	74	2,094	2,619	3,227	3,227	141
	STAGE 3	USH 51 SOUTHBOUND	49+80 SB - 64+03 SB	3,921	1	396	3,525	1	387	484	3,041	3,041	2
		SOUTHWEST DITCH EBS (9)	53+66 SB - 55+06 SB	36	0	0	36	0	36	45	-9	-9	0
		REMOVE USH 51 SB TEMP WIDENING	48+31 ENB - 49+50 ENB;64+00 ENB - 65+23 ENB	70	0	0	70	0	0	0	70	70	0
		ROUNDABOUT		641	2	0	641	3	31	39	602	602	6
		DEER POINT DRIVE - EASTBOUND	54+10 EB - 55+93 EB	115	0	0	115	0	39	49	66	66	0
		DEER POINT DRIVE- WESTBOUND	54+74 WB - 55+96 WB	136	0	0	136	0	91	114	22	22	0
			SUBTOTALS (STAGE 3)	4,919	3	396	4,523	4	584	731	3,792	3,792	8
	STAGE 4	REMOVE USH 51 NB TEMP WIDENING	47+24 ENB - 49+80 ENB;63+74 ENB - 65+01 ENB	64	0	0	64	0	1	1	63	63	0
		ROUNDABOUT TEMPORARY PAVEMENT REMOVAL		533	0	0	533	0	0	0	533	533	0
			SUBTOTALS (STAGE 4)	597	0	0	597	0	1	1	596	596	0
		TOTALS		13,079	124	1,162	11,917	154	3,723	4,656	7,261	7,261	293
		ITEM TOTALS			13,203								293

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

1) EXCAVATION COMMON IS THE SUM OF THE CUT AND EBS EXCAVATION COLUMNS. ITEM NUMBER 205.0100.
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL IS INCLUDED IN CUT.
3) EBS EXCAVATION TO BE BACKFILLED WITH SELECT CRUSHED MATERIAL. EBS = 5% OF THE SURFACE AREA OF THE NEW WIDENING AT 1-FOOT DEPTH.
4) AVAILABLE MATERIAL = CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL.
5) EXPANDED EBS BACKFILL: THIS IS TO BE FILLED WITH SELECT CRUSHED MATERIAL. EBS BACKFILL FACTOR = 1.25.
6) EXPANDED FILL = UNEXPANDED FILL * EXPANDED FILL FACTOR. EXPANDED FILL FACTOR = 1.25.
7) MASS ORDINATE: MASS ORDINATE = (AVAILABLE MATERIAL - EXPANDED FILL)
PLUS MASS ORDINATE QUANTITY INDICATES AN EXCESS OF MATERIAL WITHIN THE DIVISION. MINUS MASS ORDINATE QUANTITY INDICATES A SHORTAGE OF MATERIAL WITHIN THE DIVISION.
8) SELECT CRUSHED MATERIAL IS USED FOR BACKFILL OF EBS.
9) TOP 12-INCHES OF EXISTING DITCHES UNDER NEW PAVEMENT STRUCTURE TO BE REMOVED AND REPLACED WITH COMMON EXCAVATION FILL.

MISC

CATEGORY	STATION	LOCATION	213.0100.01 FINISHING ROADWAY (PROJECT) (01. 5845-01-78) EACH
0010	5845-01-78		1
		TOTAL 0010	**1**

MISC

CATEGORY	STATION	LOCATION	618.0100.02 MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) (02. 5845-01-78) EACH
0020	5845-01-78		1
		TOTAL 0020	**1**

ROCK

CATEGORY	STATION	TO	STATION	LOCATION	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	624.0100 WATER MGAL	REMARKS
STAGE 1									
0010	48+80	-	56+66	SB	--	1,003	--	17	EXISTING SB USH 51 TEMPORARY WIDENING
0010	56+91	-	65+50	SB	--	1,034	--	18	EXISTING SB USH 51 TEMPORARY WIDENING
0010	50+98	-	51+73	SB	--	33	--	1	DRIVEWAY
STAGE 1 SUBTOTAL					**0**	**2,070**	**0**	**36**	
STAGE 2									
0010	49+80	-	54+33	NB	--	757	1,324	13	NB USH 51 - HMA PAVEMENT SECTION
0010	54+33	-	58+68	NB	--	516	1,188	9	NB USH 51 - CONCRETE PAVEMENT SECTION
0010	58+68	-	64+00	NB	--	912	1,596	16	NB USH 51 - HMA PAVEMENT SECTION
0010	10+00	-	11+92	RBT	--	315	726	5	ROUNDABOUT
0010	56+58	-	58+66	NB - EB	--	113	261	2	SE QUADRANT
0010	54+94	-	58+73	NB - WB	--	122	282	2	NE QUADRANT
0010	58+73	-	59+56	EB	--	107	--	2	EB ROBY RD - HMA PAVEMENT SECTION
0010	58+73	-	59+56	WB	--	107	--	2	WB ROBY RD - HMA PAVEMENT SECTION
0010	58+97	-	59+41	WB	--	17	--	0	GAS STATION DRIVEWAY
0010	56+63	-	57+36	ERD	--	203	--	3	CENTER ISLAND TEMPORARY PAVEMENT
0010	47+23	-	52+96	NB	--	142	--	2	NB USH 51 TEMPORARY WIDENING
0010	55+12	-	56+03	NB	--	52	--	1	NB USH 51 TEMPORARY WIDENING
0010	61+70	-	65+02	NB	--	116	--	2	NB USH 51 TEMPORARY WIDENING
0010	54+10	-	59+22	NB - EB	--	43	--	1	SE QUADRANT SIDEWALK
0010	58+66	-	59+56	NB - WB	--	65	--	1	NE QUADRANT SIDEWALK
0010	58+00	-	58+41	EB	--	41	--	1	ROBY RD MEDIAN ISLAND
STAGE 2 SUBTOTAL					**0**	**3,628**	**5,377**	**62**	
STAGE 3A									
0010	49+80	-	55+22	SB	93	908	1,583	15	SB USH 51 - HMA PAVEMENT SECTION
0010	55+22	-	12+73	SB - RBT	--	171	393	3	SB USH 51 - CONCRETE PAVEMENT SECTION
0010	12+30	-	59+69	RBT - SB	--	313	721	5	SB USH 51 - CONCRETE PAVEMENT SECTION
0010	59+69	-	64+03	SB	98	680	1,193	12	SB USH 51 - HMA PAVEMENT SECTION
0010	11+92	-	12+30	RBT	--	60	137	1	ROUNDABOUT
0010	12+73	-	10+00	RBT	--	153	351	3	ROUNDABOUT
0010	54+10	-	55+08	EB	2	87	--	1	EB DEER POINT DR - HMA PAVEMENT SECTION
0010	55+08	-	55+88	EB - SB	--	115	265	2	EB DEER POINT DR - CONCRETE PAVEMENT SECTION
0010	54+42	-	56+63	EB - ERD	--	126	--	2	TEMPORARY PAVEMENT
0010	57+30	-	59+71	SB	--	46	--	1	NW QUADRANT SIDEWALK
0010	54+85	-	55+92	SB	--	37	--	1	SW QUADRANT SIDEWALK
STAGE 3A SUBTOTAL					**193**	**2,696**	**4,643**	**46**	
STAGE 3B									
0010	54+10		54+74	WB	1	57	--	1	WB DEER POINT DR - HMA PAVEMENT SECTION
0010	54+74	-	12+30	RBT - WB	--	116	267	2	WB DEER POINT DR - CONCRETE PAVEMENT SECTION
0010	12+30	-	12+73	RBT	--	102	234	2	ROUNDABOUT
0010	54+30	-	56+25	WB	--	40	--	1	NW QUADRANT SIDEWALK
STAGE 3B SUBTOTAL					**1**	**315**	**501**	**6**	
STAGE 4A									
0010	51+95	-	56+08	NB	--	167	--	3	SOUTH MEDIAN ISLAND
0010	55+46	-	55+85	EB	--	127	--	2	NORTH MEDIAN ISLAND
0010	57+75	-	61+09	NB	--	19	--	0	DEER POINT DR MEDIAN ISLAND
STAGE 4A SUBTOTALS					**0**	**313**	**0**	**5**	
STAGE 4B									
0010	47+23		53+88	NB	120	--	--	0	NB USH 51 SHOULDER
0010	58+89		65+02	NB	131	--	--	0	NB USH 51 SHOULDER
0010	54+64	-	55+92	EB - SB	--	26	--	0	SW QUADRANT SIDEWALK
0010	54+10	-	59+22	NB - EB	--	40	--	1	SE QUADRANT SIDEWALK
STAGE 4B SUBTOTALS					**251**	**66**	**0**	**1**	
				TOTAL 0010	**445**	**9,088**	**10,521**	**156**	

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

3

CONCRETE PAVEMENT

CATEGORY	STATION	TO	STATION	LOCATION	405.0100 COLORING CONCRETE WISDOT RED CY	415.0080 CONCRETE PAVEMENT 8-INCH SY	416.0160 CONCRETE DRIVEWAY 6-INCH SY	416.0512 CONCRETE TRUCK APRON 12-INCH SY	REMARKS
STAGE 2									
0010	59+13	-	59+51	WB	--	--	71	--	GAS STATION DRIVEWAY
0010	54+33	-	58+68	NB	--	1,099	--	--	NB USH 51
0010	10+00	-	11+92	RBT	--	500	--	--	ROUNDABOUT LANE
0010	10+51		58+66	RBT - EB	--	192	--	--	EASTBOUND ROBY RD
0010	57+94		58+73	NB - WB	--	221	--	--	WESTBOUND ROBY RD
0020	58+00	-	58+41	EB	17	--	--	--	ROBY RD MEDIAN ISLAND SIDEWALK
STAGE 2 SUBTOTAL					**17**	**2,012**	**71**	**0**	
STAGE 3A									
0010	55+22	-	12+73	SB - RBT	--	378	--	--	SB USH 51
0010	12+30	-	59+69	RBT - SB	--	654	--	--	SB USH 51
0010	55+08	-	55+88	EB - SB	--	215	--	--	EB DEER POINT DR
0010	11+92	-	12+30	RBT	--	98	--	--	ROUNDABOUT LANE
0010	12+73	-	10+00	RBT	--	239	--	--	ROUNDABOUT LANE
STAGE 3A SUBTOTAL					**0**	**1,584**	**0**	**0**	
STAGE 3B									
0010	12+30	-	54+74	RBT - WB	--	166	--	--	WB DEER POINT DR
0010	12+30	-	12+73	RBT	--	196	--	--	2 ROUNDABOUT LANES
STAGE 3B SUBTOTAL					**0**	**362**	**0**	**0**	
STAGE 4A									
0010	ROUNDABOUT			RBT	136	--	--	409	CENTRAL ISLAND
0020	51+95	-	56+08	NB	77	--	--	--	SOUTH USH 51 MEDIAN ISLAND SIDEWALK
0020	57+75	-	61+09	NB	65	--	--	--	NORTH USH 51 MEDIAN ISLAND SIDEWALK
0020	58+00	-	58+41	EB	7	--	--	--	DEER POINT DR MEDIAN ISLAND SIDEWALK
STAGE 4A SUBTOTAL					**285**	**0**	**0**	**409**	

TOTAL 0010	**136**	**3,958**	**71**	**409**
TOTAL 0020	**166**	**0**	**0**	**0**

HMA

CATEGORY	STATION	TO	STATION	LOCATION	455.0605 TACK COAT GAL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6424 HMA PAVEMENT 4 MT 58-28 H TON	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	REMARKS
STAGE 1										
0010	48+80	-	56+66	SB	--	--	--	--	283	EXISTING SB USH 51 TEMPORARY WIDENING
0010	56+91	-	65+50	SB	--	--	--	--	308	EXISTING SB USH 51 TEMPORARY WIDENING
0010	50+73	-	51+96	SB	--	--	--	11	--	DRIVEWAY
STAGE 1 SUBTOTAL					**0**	**0**	**0**	**11**	**591**	
STAGE 2										
0010	47+23	-	53+70	NB	--	--	--	--	75	NB USH 51 TEMPORARY WIDENING
0010	49+80	-	54+33	NB	50	167	111	--	--	NB USH 51
0010	54+48	-	56+03	NB	--	--	--	--	23	NB USH 51 TEMPORARY WIDENING
0010	56+36	-	57+47	NB	--	--	--	--	96	CENTER ISLAND TEMPORARY PAVEMENT
0010	57+63	-	58+68	NB	--	--	--	--	10	NB USH 51 TEMPORARY WIDENING
0010	58+68	-	64+00	NB	65	218	146	--	--	NB USH 51
0010	60+33	-	65+02	NB	--	--	--	--	75	NB USH 51 TEMPORARY WIDENING
0010	58+66	-	59+70	EB	9	20	20	--	--	EB ROBY RD
0010	58+73	-	59+56	WB	9	20	20	--	--	WB ROBY RD
0010	59+13	-	59+51	WB	--	--	--	1	--	GAS STATION DRIVEWAY
STAGE 2 SUBTOTAL					**133**	**425**	**297**	**1**	**279**	
STAGE 3A										
0010	49+80	-	55+22	SB	61	206	137	--	--	SB USH 51
0010	50+73	-	51+96	SB	--	--	--	10	--	DRIVEWAY
0010	59+69	-	64+03	SB	43	146	97	--	--	SB USH 51
0010	54+37	-	55+64	WB	--	--	--	--	19	DEER POINT DR TEMPORARY WIDENING
0010	55+30	-	55+79	WB	--	--	--	--	5	DEER POINT DR MEDIAN TERPORARY PAVEMENT
0010	12+73	-	12+90	RBT	--	--	--	--	46	CENTER ISLAND TEMPORARY PAVEMENT
0010	54+10	-	55+08	EB	7	17	17	--	--	EB DEER POINT DR
STAGE 3A SUBTOTAL					**111**	**369**	**251**	**10**	**70**	
STAGE 3B										
0010	54+10		54+74	WB	**7**	**15**	**15**	**--**	**--**	WB DEER POINT DR
STAGE 4A										
0010	49+87		54+33	NB	1	2	1	--	--	GORE
0010	59+69		63+36	SB	6	14	14	--	--	GORE
STAGE 4A SUBTOTAL					**7**	**16**	**15**	**0**	**0**	
TOTAL 0010					**258**	**825**	**578**	**22**	**940**	

ASPHALIC FLUMES

CATEGORY	STATION	LOCATION	465.0315 SY	REMARKS
STAGE 2				
0010	53+83	NB	13	SE QUADRANT
STAGE 3A				
0010	54+59	SB	9	SW QUADRANT
0010	59+89	SB	13	NW QUADRANT
STAGE 3A SUBTOTAL			**22**	
STAGE 3B				
0010	54+20	WB	11	NW QUADRANT
STAGE 4B				
0010	56+04	NB	6	SW QUADRANT
TOTAL 0010			**52**	

C & G

CATEGORY	STATION	TO	STATION	LOCATION	601.0120 CONCRETE CURB TYPE J LF	601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0553 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE D LF	601.0580 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R LF	REMARKS
STAGE 2											
0010	51+98	-	55+68	NB	--	--	136	75	160	--	SOUTH USH 51 MEDIAN
0010	53+88	-	54+34	NB	--	--	--	48	--	--	SE QUADRANT
0010	57+21	-	59+70	EB	--	--	170	80	--	--	SE QUADRANT
0010	57+89	-	58+27	WB	--	--	80	--	--	--	ROBY RD MEDIAN
0010	58+00	-	58+41	EB	--	--	85	--	--	--	ROBY RD MEDIAN
0010	58+68	-	59+89	NB	--	--	--	--	141	--	NORTH USH 51 MEDIAN
0010	58+76	-	58+89	WB - NB	--	--	206	21	--	--	NE QUADRANT
0010	58+76	-	59+56	WB	--	--	--	80	--	--	NE QUADRANT
0010	10+83	-	11+04	RBT	--	--	33	--	--	--	ROBY RD MEDIAN
0010	58+15	-	--	EB	27	--	--	--	--	--	ROBY RD MEDIAN
0010	58+25	-	--	EB	21	--	--	--	--	--	ROBY RD MEDIAN
STAGE 2 SUBTOTAL					**48**	**0**	**710**	**304**	**301**	**0**	
STAGE 3A											
0010	51+98	-	56+08	SB	--	--	85	170	154	--	SOUTH USH 51 MEDIAN
0010	54+65	-	56+54	SB	--	--	135	56	--	--	SW QUADRANT
0010	57+30	-	59+84	SB	--	--	214	16	--	--	NW QUADRANT
0010	57+84	-	61+07	SB	--	--	177	--	147	--	NORTH USH 51 MEDIAN
STAGE 3A SUBTOTAL					**0**	**0**	**611**	**242**	**301**	**0**	
STAGE 3B											
0010	54+26	-	56+29	WB	--	--	117	80	--	--	NW QUADRANT
0010	11+57	-	12+73	RBT	--	--	--	--	--	111	ROUNDABOUT
0010	55+49	-	55+86	WB			37	--	--	--	DEER POINT DR MEDIAN
STAGE 3B SUBTOTAL					**0**	**0**	**154**	**80**	**0**	**111**	
STAGE 4A											
0010	55+60	-	55+89	NB	--	--	36	--	--	--	SOUTH USH 51 MEDIAN
0010	13+36	-	10+06	RBT	--	--	48	--	--	--	SOUTH USH 51 MEDIAN
0010	55+49	-	55+85	EB	--	--	37	--	--	--	DEER POINT DR MEDIAN
0010	12+63	-	12+78	RBT	--	--	25	--	--	--	DEER POINT DR MEDIAN
0010	57+75	-	58+69	NB	--	--	95	--	--	--	NORTH USH 51 MEDIAN
0010	11+52	-	11+85	RBT	--	--	47	--	--	--	NORTH USH 51 MEDIAN
0010	ROUNDABOUT			RBT	--	264	--	--	--	238	ROUNDABOUT
0010	55+77	-	--	NB	36	--	--	--	--	--	SOUTH USH 51 MEDIAN
0010	55+87	-	--	NB	43	--	--	--	--	--	SOUTH USH 51 MEDIAN
0010	57+90	-	--	NB	42	--	--	--	--	--	NORTH USH 51 MEDIAN
0010	58+00	-	--	NB	35	--	--	--	--	--	NORTH USH 51 MEDIAN
0010	55+60	-	--	EB	12	--	--	--	--	--	DEER POINT DR MEDIAN
0010	55+69	-	--	EB	19	--	--	--	--	--	DEER POINT DR MEDIAN
STAGE 4A SUBTOTAL					**187**	**264**	**288**	**0**	**0**	**238**	
STAGE 4B											
0010	54+60	-	55+96	EB	--	--	77	48	--	--	SW QUADRANT
0010	54+33	-	56+20	NB	--	--	162	--	--	--	SE QUADRANT
STAGE 4B SUBTOTAL					**0**	**0**	**239**	**48**	**0**	**0**	
TOTAL 0010					**235**	**264**	**2,002**	**674**	**602**	**349**	

SIDEWALK

CATEGORY	STATION	TO	STATION	LOCATION	602.0410 CONCRETE SIDEWALK 5-INCH SF	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	REMARKS
STAGE 2							
0010	56+20	-	59+13	NB - EB	103	--	NB USH 51
0010	56+20	-	59+13	NB - EB	994	20	SE ROUNDABOUT QUAD
0010	59+38	-	59+56	WB	93	--	ROBY ROAD SIDEWALK BEFORE DRIVEWAY
0010	57+95	-	58+83	EB	1,070	--	ROBY ROAD MEDIAN ISLAND
0010	59+00	-	58+66	WB - NB	1,288	40	NE ROUNDABOUT QUAD
0010	58+15	-	58+25	EB	68	40	ROBY ROAD MEDIAN CROSSWALK
STAGE 2 SUBTOTAL					**3,616**	**100**	
STAGE 3A							
0010	57+30	-	59+71	SB	1,093	20	NW PARTIAL ROUNDABOUT QUAD
0010	54+88	-	56+46	SB	870	20	SW PARTIAL ROUNDABOUT QUAD
STAGE 3A SUBTOTAL					**1,963**	**40**	
STAGE 3B							
0010	54+30	-	56+25	WB	**946**	**20**	NW PARTIAL ROUNDABOUT QUAD
STAGE 4A							
0010	51+95	-	56+08	NB	4,982	--	SOUTH USH 51 MEDIAN
0010	55+46	-	55+85	EB	460	--	DEER POINT DR MEDIAN
0010	57+75	-	61+09	NB	3,710	--	NORTH USH 51 MEDIAN
0010	55+77	-	55+87	NB	393	40	SOUTH USH 51 MEDIAN CROSSWALK
0010	57+90	-	58+00	NB	380	40	NORTH USH 51 MEDIAN CROSSWALK
0010	55+60	-	55+70	EB	154	40	DEER POINT DR MEDIAN CROSSWALK
STAGE 4A SUBTOTAL					**10,079**	**120**	
STAGE 4B							
0010	54+64	-	56+46	EB - SB	619	20	SW PARTIAL ROUNDABOUT QUAD
0010	54+34	-	56+20	EB - SB	850	20	SE PARTIAL ROUNDABOUT QUAD
STAGE 4B SUBTOTAL					**1,469**	**40**	
TOTAL 0010					**18,073**	**320**	

UNDERDRAIN

CATEGORY	STATION	TO	STATION		LOCATION	612.0406 PIPE UNDERDRAIN WRAPPED 6-INCH LF
STAGE 2						
0010	55+30	-	56+49	NB	RT	100
0010	57+75	-	58+09	EB	RT	35
0010	57+35	-	57+74	NB	RT	50
STAGE 2 SUBTOTAL						**185**
STAGE 3A						
0010	55+27	-	55+77	SB	LT	50
0010	55+75	-	56+25	EB	RT	50
0010	58+21	-	58+84	SB	LT	50
0010	12+73	-	10+00	RBT	LT	88
STAGE 3A SUBTOTAL						**238**
STAGE 3B						
0010	55+78	-	56+26	WB	LT	49
0010	12+44	-	12+73	RBT	LT	28
STAGE 3B SUBTOTAL						**77**
TOTAL 0010						**500**

MARKING

CATEGORY	STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH WHITE LF	646.1020 MARKING LINE EPOXY 4-INCH YELLOW LF	646.3020 MARKING LINE EPOXY 8-INCH WHITE LF	646.5020 MARKING ARROW EPOXY WHITE EACH	646.5120 MARKING WORD EPOXY (YEILD) WHITE EACH	646.6320 MARKING DOTTED EXTENSION EPOXY 18-INCH WHITE LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH WHITE LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH YELLOW LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH WHITE LF	646.8120 MARKING CURB EPOXY YELLOW LF	646.8220 MARKING ISLAND NOSE EPOXY YELLOW EACH
0010	44+30	-	56+00	NB & SB	1713	3991	330	2	2	--	34	287	108	10	1
	56+00	-	57+50	RBT	--	--	689	4	--	128	--	--	--	--	--
	57+50	-	66+00	NB & SB	1434	1840	313	2	2	--	34	43	108	10	1
	54+00	-	55+90	WB & EB	88	128	--	--	1	--	50	9	68	10	1
	57+60	-	60+00	WB & EB	76	266	--	--	1	--	46	25	68	10	1
				TOTALS	**9,536**		**1,332**	**8**	**6**	**128**	**528**		**352**	**40**	**4**

TRACKING PADS

CATEGORY	LOCATION	628.7560 EACH
0010	UNDISTRIBUTED	9

MOBILIZATION

CATEGORY	PROJECT	619.1000 EACH
0010	5845-01-78	0.31

CATEGORY	LOCATION	628.7005 INLET PROTECTION TYPE A EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH
0010	SOUTH LEG	5	5	--
	NORTH LEG	6	6	--
	WEST LEG	6	6	--
	EAST LEG	6	6	--
	ROUNDABOUT	2	--	2
	TOTALS	**25**	**23**	**2**

FIELD OFFICE TYPE C

CATEGORY	PROJECT	642.5201 EACH
0010	5845-01-78	0.31

TRAFFIC CONTROL

CATEGORY	PROJECT	643.5000 EACH
0010	5845-01-78	0.31
	TOTAL	0.31

			STORM SEWER PIPE								CULVERT PIPE			
			608.0412	608.0415	608.0418	608.0424	608.0436	608.2414	608.2429	SPV.0090.01	520.3324	520.2012	520.2021	520.2024
			REINFORCED CONCRETE CLASS IV					HORIZONTAL ELLIPTICAL CLASS HE-IV			CLASS III-A	TEMPORARY	TEMPORARY	TEMPORARY
CATEGORY	FROM STRUCTURE	TO STRUCTURE	12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	36-INCH LF	14X23-INCH LF	29X45-INCH LF	38X60-INCH LF	24-INCH LF	12-INCH LF	21-INCH LF	24-INCH LF
0010	10	19	31	---	---	---	---	---	---	---	---	---	---	---
	20	10	---	---	---	13	---	---	---	---	---	---	---	---
	21	20	---	---	---	33	---	---	---	---	---	---	---	---
	TEMP	21A	---	---	---	---	---	---	---	---	---	23	---	---
	21A	21	---	---	27	---	---	---	---	---	---	---	---	---
	22	21A	---	---	20	---	---	---	---	---	---	---	---	---
	22A	22	---	9	---	---	---	---	---	---	---	---	---	---
	22B	22A	38	---	---	---	---	---	---	---	---	---	---	---
	23	22	---	---	---	---	---	40	---	---	---	---	---	---
	24	23	---	---	---	---	---	15	---	---	---	---	---	---
	25	24	---	---	---	---	---	41	---	---	---	---	---	---
	25A	25	36	---	---	---	---	---	---	---	---	---	---	---
	25B	25	---	33	---	---	---	---	---	---	---	---	---	---
	25C	25	---	25	---	---	---	---	---	---	---	---	---	---
	25D	25C	---	17	---	---	---	---	---	---	---	---	---	---
	25E	25A	9	---	---	---	---	---	---	---	---	---	---	---
	26	27	7	---	---	---	---	---	---	---	---	---	---	---
	27	28	37	---	---	---	---	---	---	---	---	---	---	---
	31	32	---	---	---	94	---	---	---	---	---	---	---	---
	31A	31	---	16	---	---	---	---	---	---	---	---	---	---
	31B	31A	---	18	---	---	---	---	---	---	---	---	---	---
	31C	31A	68	---	---	---	---	---	---	---	---	---	---	---
	31D	31	---	55	---	---	---	---	---	---	---	---	---	---
	31E	31C	8	---	---	---	---	---	---	---	---	---	---	---
	32	10	---	---	---	19	---	---	---	---	---	---	---	---
	40	10	---	---	---	---	---	---	---	186	---	---	---	---
	40A	40	---	18	---	---	---	---	---	---	---	---	---	---
	41	44	---	---	---	---	---	---	11	---	---	---	---	---
	42	41	---	---	---	---	---	---	41	---	---	---	---	---
	43	42	---	---	---	---	---	---	31	---	---	---	---	---
	44	40	---	---	---	---	---	---	28	---	---	---	---	---
	60	40	---	---	---	---	166	---	---	---	---	---	---	---
	60A	60B	7	---	---	---	---	---	---	---	---	---	---	---
	60B	60C	36	---	---	---	---	---	---	---	---	---	---	---
	70	60	---	---	---	---	60	---	---	---	---	---	---	---
	C2	C1	---	---	---	---	---	---	---	---	58	---	---	---
	STAGE 1	-	---	---	---	---	---	---	---	---	---	---	89	15
	STAGE 2	-	---	---	---	---	---	---	---	---	---	---	21	---
	TOTALS		277	191	47	159	226	96	111	186	58	23	110	15

3

MANHOLES AND INLETS SUMMARY

CATEGORY	STRUCTURE NUMBER	STATION	STRUCTURE OFFSET	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	611.2008 MANHOLES 8-FT DIAMETER EACH	SPV.0060.04 MANHOLES 9-FT DIAMETER EACH	611.3230 INLETS 2X3-FT EACH	611.3225 INLETS 2X2.5-FT EACH	611.3004 INLETS 4-FT DIAMETER EACH	611.0545 MANHOLE COVERS TYPE L EACH	611.0530 MANHOLE COVERS TYPE J EACH	611.0639 INLET COVERS TYPE H-S EACH	611.0624 INLET COVERS TYPE H EACH	611.0627 INLET COVERS TYPE HM EACH	611.0651 INLET COVERS TYPE S EACH	611.0652 INLET COVERS TYPE T EACH	SPV.0060.05 WEIR WALL 20 EACH	* 650.4000 CONSTRUCTION STAKING STORM SEWER EACH
0010	10	56+06.08	NB 40.0 'RT	---	---	---	---	1	---	---	---	---	1	---	---	---	---	---	---	---	1
	20	55+96.24	NB 31.5 'RT	---	1	---	---	---	---	---	---	---	---	---	---	1	---	---	---	1	1
	21	56+01.60	NB 1.5 'LT	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	1
	TEMP	56+11.86	NB 32.0 'LT	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	---	1
	21A	55+90.14	NB 25.7 'LT	1	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1
	22	55+90.38	NB 45.6 'LT	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	1
	22A	56+04.93	SB 1.5 'RT	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	1
	22B	55+77.78	SB 25.5 'LT	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	1
	23	13+09.95	RBT 1.5 'LT	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1
	24	12+95.00	RBT 1.5 'LT	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1
	25	55+85.87	EB 8.1 'LT	---	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	---	1
	25A	55+51.29	EB 1.5 'LT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	25B	55+73.49	EB 23.2 'RT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	25C	55+76.00	WB 1.5 'RT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	25D	55+76.77	WB 16.0 'LT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	25E	55+51.35	WB 1.5 'RT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	26	52+00.97	SB 1.5 'RT	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	1
	27	52+00.94	NB 5.5 'LT	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	1
	31	57+96.50	EB 10.9 'LT	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	---	---	1
	31A	58+09.72	EB 1.1 'LT	---	---	---	---	---	---	---	---	1	---	---	1	---	---	---	---	---	1
	31B	58+09.30	EB 16.6 'RT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	31C	58+77.91	EB 1.1 'LT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	31D	57+99.53	WB 22.6 'LT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	31E	58+62.31	WB 1.0 'RT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	32	10+33.42	RBT 59.0 'RT	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1
	40	57+84.81	NB 17.6 'LT	---	---	---	---	---	1	---	---	---	---	1	---	---	---	---	---	---	1
	40A	57+77.50	NB 1.5 'LT	---	---	---	---	---	---	1	---	---	---	---	---	1	---	---	---	---	1
	41	57+92.12	SB 1.5 'RT	---	---	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	1
	42	58+20.59	SB 30.9 'LT	---	---	---	1	---	---	---	---	---	---	---	---	1	---	---	---	---	1
	44	57+84.38	SB 8.7 'RT	---	---	---	---	1	---	---	---	---	---	---	1	---	---	---	---	---	1
	60	59+50.00	NB 6.0 'LT	---	---	1	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1
	60A	61+01.85	NB 8.9 'LT	---	---	---	---	---	---	1	---	---	---	---	---	---	---	1	---	---	1
	60B	61+01.14	NB 1.5 'LT	---	---	---	---	---	---	1	---	---	---	---	---	---	---	1	---	---	1
	TOTALS			1	4	2	2	2	1	14	1	6	1	4	3	18	4	1	2	1	33

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

APRON ENDWALLS SUMMARY

CATEGORY	STRUCT. NO.	STATION	OFFSET	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12-INCH EACH	522.1036 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 36-INCH EACH	522.2629 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 29X45-INCH EACH	522.2638 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL 38X60-INCH EACH	520.1021 APRON ENDWALLS FOR CULVERT PIPE 21-INCH EACH	520.1024 APRON ENDWALLS FOR CULVERT PIPE 24-INCH EACH	611.9800.S PIPE GRATES EACH	633.5200 MARKERS CULVERT END EACH	* 650.4000 CONSTRUCTION STAKING STORM SEWER EACH
0010	19	55+20.68 SB	83.9 ' RT	---	---	---	1	---	---	1	1	1
	28	51+97.54 NB	37.0 ' RT	1	---	---	---	---	---	1	1	1
	43	58+42.57 SB	66.2 ' LT	---	---	1	---	---	---	1	1	1
	60C	60+96.02 NB	40.5 ' RT	1	---	---	---	---	---	1	1	1
	70	59+94.23 NB	45.4 ' RT	---	1	---	---	---	---	1	1	1
	C1	51+01.41 SB	45.4 ' LT	---	---	---	---	---	1	1	1	1
	C2	51+66.59 SB	42.8 ' LT	---	---	---	---	---	1	1	1	1
	STAGE 1	-	-	---	---	---	---	1	2	---	---	---
	STAGE 2	-	-	---	---	---	---	1	---	---	---	---
	STAGE 3	-	-	---	---	---	---	---	---	---	---	---
			TOTALS	2	1	1	1	2	4	7	7	7

CATEGORY	520.8000 CONCRETE COLLARS FOR PIPE EACH	204.9060.S.01 REMOVING APRON ENDWALLS EACH	204.0220 REMOVING INLETS EACH	204.0270 ABANDONING CULVERT PIPES EACH	204.0280 SEALING PIPES EACH
0010	---	---	---	---	---
	---	---	---	---	---
	---	---	---	---	---
	---	---	---	---	---
	---	---	---	---	---
	---	---	---	---	---
	---	---	---	---	---
	1	---	---	---	---
	---	1	---	---	---
	---	3	1	1	1
	1	4	1	1	1

MISC. STORM SEWER ITEMS

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

RIPRAP ITEMS

CATEGORY	STATION	OFFSET	606.0200 RIPRAP MEDIUM CY	606.0300 RIPRAP HEAVY CY	645.0120 GEOTEXTILE FABRIC TYPE HR SY
0010	55+20.68 SB	84 ' RT	-	25	55
	51+97.54 NB	37 ' RT	10	-	30
	58+42.57 SB	66 ' LT	-	25	55
	60+96.02 NB	41 ' RT	10	-	30
	59+94.23 NB	45.4 ' RT	-	25	55
	51+01.41 SB	45.4 ' LT	10	-	30
	51+66.59 SB	42.8 ' LT	10	-	30
		TOTALS	40	75	285

COVER PLATES TEMPORARY

CATEGORY	STAGE	611.8120.S EACH
0010		
	2	1
	3A	2
	TOTAL	3

CATEGORY	STATION	LOCATION	SPV.0060.10 VERIFY AND REPLACE EXISTING LAND PARCEL MONUMENTS EACH	SPV.0060.11 RESEARCH AND LOCATE EXISTING LAND PARCEL MONUMENTS EACH
0010	49+72 NB	65' RT	1	1
	50+01 NB	62' RT	1	1
	62+99 NB	61' RT	1	1
	64+33 NB	61' RT	1	1
	51+20 SB	50' LT	1	1
	59+28 SB	76' LT	1	1
	61+02 SB	56' FT	1	1
	62+12 SB	56' LT	1	1
	62+50 SB	59' FT	1	1
	54+52 EB	34' RT	1	1
	59+14 EB	35' RT	1	1
	58+58 WB	35' LT	1	1
	TOTAL		12	12

EC

CATEGORY	STATION	TO	STATION		LOCATION	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.2006 EROSION MAT URBAN CLASS I TYPE A SY	628.7504 TEMPORARY DITCH CHECKS LF	628.7555 CULVERT PIPE CHECKS EACH	629.0210 FERTILIZER TYPE B CWT	630.0130 SEEDING MIXTURE NO. 30 LB	630.0300 SEEDING BORROW PIT LB	630.0500 SEED WATER MGAL
0010	47+81	-	56+89	NB	RT	3,290	--	--	--	3,040	56	5	2.1	55	--	68
0010	58+14	-	59+70	EB	RT	90	--	--	--	40	---	---	0.1	1	--	1
0010	57+29	-	65+00	NB	RT	2,490	--	--	--	2,380	62	5	1.6	43	--	53
0010	58+19	-	59+56	WB	LT	150	--	--	--	70	---	---	0.1	1	--	1
0010	48+31	-	56+69	SB	LT	2,020	--	195	390	1,850	78	6	1.3	33	--	41
0010	58+14	-	59+70	EB	RT	150	--	305	610	80	---	---	0.1	1	--	2
0010	57+03	-	65+23	SB	LT	2,180	--	100	200	2,070	63	7	1.4	37	--	46
0010	54+10	-	55+72	WB	LT	230	--	60	120	170	---	2	0.1	3	--	4
0010	ROUNDABOUT				LT	600	--	---	---	---	---	---	--	--	--	--
0010	WASTE SITE					--	2,180	--	--	--	---	---	1.4	--	59	49
0010	UNDISTRIBUTED					2,800	545	165	330	2,425	---	---	2.1	44	15	66
					TOTAL 0010	**14,000**	**2,725**	**825**	**1,650**	**12,125**	**259**	**25**	**10.3**	**218**	**74**	**331**

CONCRETE MEDIAN SLOPED NOSE

CATEGORY	STATION	TO	STATION	LOCATION	620.0300 CONCRETE MEDIAN SLOPED NOSE SF	REMARKS
STAGE 2						
0010	51+90	-	51+98	NB	60	SOUTH MEDIAN ISLAND
0010	57+82	-	57+88	WB	24	ROBY RD MEDIAN ISLAND
0010	58+69	-	58+76	WB	70	ROBY RD MEDIAN ISLAND
0010	57+89	-	57+97	EB	35	ROBY RD MEDIAN ISLAND
	STAGE 2 SUBTOTAL				**189**	
STAGE 3B						
0010	55+42	-	55+49	WB	67	DEER POINT DR MEDIAN ISLAND
0010	55+86	-	55+94	WB	34	DEER POINT DR MEDIAN ISLAND
	STAGE 3B SUBTOTAL				**101**	
STAGE 4A						
0010	56+04	-	56+11	NB	29	SOUTH MEDIAN ISLAND
0010	56+08	-	56+17	SB	40	SOUTH MEDIAN ISLAND
0010	57+65	-	57+74	NB	41	NORTH MEDIAN ISLAND
0010	57+76	-	57+83	SB	29	NORTH MEDIAN ISLAND
0010	61+07	-	61+14	SB	60	NORTH MEDIAN ISLAND
0010	55+85	-	55+91	EB	25	DEER POINT DR MEDIAN ISLAND
	STAGE 4A SUBTOTAL				**224**	
				TOTAL 0010	**514**	

EC MOB

CATEGORY	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
0010	PROJECT	15	6
	TOTAL 0010	15	6

					SIGNS	634.0612	634.0614	634.0616	634.0618	634.0620	634.0622	637.2210	637.2230	638.2602	638.3000
CATEGORY	SIGN #	STATION	SIGN CODE	SIZE (IN.)	LOCATION	POSTS WOOD 4X6-INCH X 12-FT EACH	POSTS WOOD 4X6-INCH X 14-FT EACH	POSTS WOOD 4X6-INCH X 16-FT EACH	POSTS WOOD 4X6-INCH X 18-FT EACH	POSTS WOOD 4X6-INCH X 20-FT EACH	POSTS WOOD 4X6-INCH X 22-FT EACH	SIGNS TYPE II REFLECTIVE H SF	SIGNS TYPE II REFLECTIVE F SF	REMOVING SIGNS TYPE II EACH	REMOVING SMALL SIGN SUPPORTS EACH
0010	1-01A	48+51	W13-1	18" x 18"	NB	--	--	1	--	--	--	--	2.25	--	--
	1-01B	48+51	W2-6	30" x 30"	NB	--	--	--	--	--	--	--	6.25	--	--
	1-02	50+51	D1-1	132" x 66"	NB	--	--	--	1	1	1	60.50	--	--	--
	1-03A	51+92	W5-56	18" x 18"	NB	--	--	1	--	--	--	--	2.25	--	--
	1-03B	51+92	R4-7	24" x 30"	NB	--	--	--	--	--	--	5.00	--	--	--
	1-04	52+02	W3-2	36" x 36"	NB	--	--	1	--	--	--	--	9.00	--	--
	1-05	53+33	R3-8CC	36" x 30"	NB	--	1	--	--	--	--	7.50	--	--	--
	1-06	53+33	R3-8CC	36" x 30"	NB	--	1	--	--	--	--	7.50	--	--	--
	1-07	53+55	M1-4	24"X24"	SB	--	1	--	--	--	--	4.00	--	--	--
	1-08	51+95	R5-1	30" x 30"	SB	--	1	--	--	--	--	6.25	--	--	--
	1-09	50+06	--	--	SB	--	--	--	--	--	--	--	--	1	1
	1-10	50+00	W6-1	36"X36"	SB	--	--	1	--	--	--	--	9.00	--	--
	2-01	55+45	R4-7	24" x 30"	EB	--	1	--	--	--	--	5.00	--	--	--
	2-02A	55+84	R6-2R	24" x 30"	EB	--	--	--	1	--	--	5.00	--	--	--
	2-02B	55+84	R1-2	36" x 31"	EB	--	--	--	--	--	--	3.88	--	--	--
	2-03A	55+87	R1-54	24" x 15"	EB	--	--	1	--	--	--	2.50	--	--	--
	2-03B	55+87	R1-2	36" x 31"	EB	--	--	--	--	--	--	3.88	--	--	--
	2-04	56+41	--	--	SB	--	--	--	--	--	--	--	--	1	1
	2-05	56+08	D1-1	42" x 30"	SB	--	2	--	--	--	--	8.75	--	--	--
	2-06	55+23	W4-2R	36" x 36"	SB	--	--	1	--	--	--	--	9.00	--	--
	2-07	55+22	W4-2R	36" x 36"	SB	--	--	1	--	--	--	--	9.00	--	--
	2-08A	56+02	R6-2R	24" x 30"	NB	--	--	--	1	--	--	5.00	--	--	--
	2-08B	56+02	R1-2	36" x 31"	NB	--	--	--	--	--	--	3.88	--	--	--
	2-09A	56+13	R1-54	24" x 15"	NB	--	--	1	--	--	--	2.50	--	--	--
	2-09B	56+13	R1-2	36" x 31"	NB	--	--	--	--	--	--	3.88	--	--	--
	2-10	58+00	D1-1	60" x 15"	EB	--	2	--	--	--	--	6.25	--	--	--
	2-11	58+71	R4-7	24" x 30"	EB	--	1	--	--	--	--	5.00	--	--	--
	2-12A	57+89	R6-2R	24" x 30"	WB	--	--	--	1	--	--	5.00	--	--	--
	2-12B	57+89	R1-2	36" x 31"	WB	--	--	--	--	--	--	3.88	--	--	--
	2-13A	57+89	R1-54	24" x 15"	WB	--	--	1	--	--	--	2.50	--	--	--
	2-13B	57+89	R1-2	36" x 31"	WB	--	--	--	--	--	--	3.88	--	--	--
	2-14	57+25	--	--	NB	--	--	--	--	--	--	--	--	1	1
	2-15	57+75	D1-1	42" x 30"	NB	--	2	--	--	--	--	8.75	--	--	--
	2-16	57+70	--	--	NB	--	--	--	--	--	--	--	--	1	1
	2-17	58+30	W4-2R	36" x 36"	NB	--	--	1	--	--	--	--	9.00	--	--
	2-18	58+30	W4-2R	36" x 36"	NB	--	--	1	--	--	--	--	9.00	--	--
	2-19A	57+84	R6-2R	24" x 30"	SB	--	--	--	1	--	--	5.00	--	--	--
	2-19B	57+84	R1-2	36" x 31"	SB	--	--	--	--	--	--	3.88	--	--	--
	2-20A	57+75	R1-54	24" x 15"	SB	--	--	1	--	--	--	2.50	--	--	--
	2-20B	57+75	R1-2	36" x 31"	SB	--	--	--	--	--	--	3.88	--	--	--
	2-21	55+86	D1-1	90" x 15"	WB	--	2	--	--	--	--	9.38	--	--	--
	2-22A	12+84	R6-1R	36" x 12"	RBT	2	--	--	--	--	--	3.00	--	--	--
	2-22B	12+84	R6-4B	60" x 24"	RBT	--	--	--	--	--	--	10.00	--	--	--
	2-23A	10+15	R6-1R	36" x 12"	RBT	2	--	--	--	--	--	3.00	--	--	--
	2-23B	10+15	R6-4B	60" x 24"	RBT	--	--	--	--	--	--	10.00	--	--	--
	2-24A	11+06	R6-1R	36" x 12"	RBT	2	--	--	--	--	--	3.00	--	--	--
	2-24B	11+06	R6-4B	60" x 24"	RBT	--	--	--	--	--	--	10.00	--	--	--
	2-25A	11+93	R6-1R	36" x 12"	RBT	2	--	--	--	--	--	3.00	--	--	--
	2-25B	11+93	R6-4B	60" x 24"	RBT	--	--	--	--	--	--	10.00	--	--	--
	2-26A	51+00	W2-6	30"X30"	EB	--	--	1	--	--	--	--	6.25	--	--
	2-26B	51+00	W13-1	18"X18"	EB	--	--	--	--	--	--	--	2.25	--	--
	2-27A	63+00	W2-6	30"X30"	WB	--	--	1	--	--	--	--	6.25	--	--
	2-27B	63+00	W13-1	18"X18"	WB	--	--	--	--	--	--	--	2.25	--	--
	3-01	59+90	M1-4	24"X24"	NB	--	1	--	--	--	--	4.00	--	--	--
	3-02A	61+07	W5-56	18" x 18"	NB	--	--	1	--	--	--	--	2.25	--	--
					SHEET TOTAL	8	15	15	5	1	1	250.92	84.00	4.00	4.00

SIGNS

CATEGORY	SIGN #	STATION	SIGN CODE	SIZE (IN.)	LOCATION	634.0612 POSTS WOOD 4X6-INCH X 12-FT EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	634.0618 POSTS WOOD 4X6-INCH X 18-FT EACH	634.0620 POSTS WOOD 4X6-INCH X 20-FT EACH	634.0622 POSTS WOOD 4X6-INCH X 22-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2230 SIGNS TYPE II REFLECTIVE F SF	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH
	3-02B	61+07	R4-7	24" x 30"	NB	--	--	--	--	--	--	5.00	--	--	--
	3-03	61+06	R5-1	30" x 30"	NB	--	1	--	--	--	--	2.50	--	--	--
	3-04	62+87	R2-1	24"X30"	NB	--	1	--	--	--	--	5.00	--	--	--
	3-05	62+87	--	--	SB	--	--	--	--	--	--	--	--	1	1
	3-06	60+44	R3-8CC	36" x 30"	SB	--	1	--	--	--	--	7.50	--	--	--
	3-07	60+44	R3-8CC	36" x 30"	SB	--	1	--	--	--	--	12.34	--	--	--
	3-08	61+84	W3-2	36" x 36"	SB	--	--	1	--	--	--	--	9.00	--	--
	3-09	62+89	--	--	SB	--	--	--	--	--	--	--	--	1	1
	3-10	63+33	D1-1	132" x 60"	SB	--	--	--	1	2	--	60.50	--	--	--
	3-11A	65+33	W13-1	30" x 30"	SB	--	--	1	--	--	--	3.88	--	--	--
	3-11B	65+33	W2-6	18" x 18"	SB	--	--	--	--	--	--	3.00	--	--	--
					SHEET TOTAL	--	4	2	1	2	--	99.72	9.00	2.00	2.00
					TOTAL 0010	**8**	**19**	**17**	**6**	**3**	**1**	**350.64**	**93.00**	**6**	**6**

CONSTRUCTION STAKING

CATEGORY	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	650.9910.01 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) (02. 5848-01-78) LS
0010	STAGE 1	--	--	--	--	--	--	1
0010	STAGE 2	1,724	1,065	653	659	5	1,680	--
0010	STAGE 3A	1,484	1,074	543	508	2	1,554	--
0010	STAGE 3B	131	--	80	131	1	129	--
0010	STAGE 4A	--	--	187	--	6	--	--
0010	STAGE 4B	--	--	48	--	2	--	--
	TOTAL 0010	**3,339**	**2,139**	**1,511**	**1,298**	**16**	**3,363**	**1**

UTILITY ADJUSTMENT SUMMARY

CATEGORY	STATION	LOCATION	SPV.0060.08 ADJUSTING VALVE BOX EACH	SPV.0060.09 ADJUSTING SANITARY MANHOLE COVERS EACH
0030	59+08	EB	--	1
0030	11+02	RBT	1	--
0030	11+04	RBT	1	--
		TOTALS 0030	**2**	**1**

SAWING

CATEGORY	STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF	REMARKS
STAGE 1							
0010	48+31	-	49+81	ENB	150	--	SB USH 51 TEMPORARY PAVEMENT
0010	51+23	-	51+47	SB	24	--	DRIVEWAY TIE-IN
0010	54+20	-	56+54	ENB	275	--	SB USH 51 TEMPORARY PAVEMENT
0010	54+21	-	59+00	ERD, ENB	240	--	SB USH 51 TEMPORARY PAVEMENT
0010	60+00			ENB	--	60	TEMPORARY STORM SEWER
STAGE 1 SUBTOTAL					**689**	**60**	
STAGE 2							
0010	49+80			NB	--	15	NB USH 51 TIE-IN
0010	49+80	-	54+20	ENB	--	455	EXISTING PAVEMENT REMOVAL
0010	59+00	-	64+00	ENB	--	490	EXISTING PAVEMENT REMOVAL
0010	64+00			NB	--	15	NB USH 51 TIE-IN
0010	59+70			EB	40	9	ROBY RD TIE-IN
0010	59+00	-	59+38	WB	38	--	GAS STATION DRIVEWAY TIE-IN
STAGE 2 SUBTOTAL					**78**	**984**	
STAGE 3A							
0010	49+80			SB	--	15	SB USH 51 TIE-IN
0010	64+03			SB	--	15	SB USH 51 TIE-IN
0010	54+10			EB	12	--	EB DEER POINT DR TIE-IN
0010	54+10	-	54+85	EB	75	--	EB DEER POINT DR STAGING SAWCUT
STAGE 3A SUBTOTAL					**12**	**30**	
STAGE 3B							
0010	54+10			WB	**12**	**--**	WB DEER POINT DR TIE-IN
STAGE 4B							
0010	49+80	-	53+56	NB	380	--	REMOVAL OF TEMPORARY WIDENING
0010	60+57	-	64+00	NB	340	--	REMOVAL OF TEMPORARY WIDENING
0010	54+37	-	55+08	NB	75	--	REMOVAL OF TEMPORARY WIDENING
STAGE 4B SUBTOTAL					**795**	**0**	
				TOTAL 0010	**1,574**	**1,074**	

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LIGHTING CONDUIT SUMMARY

CATEGORY	EQUIP. LOCATION FROM	TO	652.0225 SCHEDULE 40 2-INCH LF	652.0235 SCHEDULE 40 3-INCH LF
0010	LC-1	LPB-1	---	48
	LPB-1	LP-2	10	---
	LP-2	LPB-2	132	---
	LPB-2	LP-3	32	---
	LPB-2	LPB-3	---	202
	LPB-3	LP-4	137	---
	LPB-3	LP-5	63	---
	LP-5	LP-6	112	---
	LC-1	LPB-7	---	57
	LPB-7	LP-1	12	---
	LPB-7	LPB-6	---	194
	LPB-6	LP-12	28	---
	LP-12	LP-11	120	---
	LP-11	LPB-5	19	---
	LPB-5	LP-10	165	---
	LPB-5	LPB-4	---	224
	LPB-4	LP-9	68	---
	LPB-4	LP-8	92	---
	LP-8	LP-7	76	---
		TOTALS	1,066	725

LIGHTING PULL BOXES

CATEGORY	NO.	653.0164 PULL BOXES NON-CONDUCTIVE 24x42-INCH EACH
0010	LPB-1	1
	LPB-2	1
	LPB-3	1
	LPB-4	1
	LPB-5	1
	LPB-6	1
	LPB-7	1
	TOTAL	7

STREET LIGHTING SUMMARY (POLE LUMINAIRE)

CATEGORY	BASE NO.	STATION	LOCATION	654.0106 CONCRETE BASES TYPE 6 EACH	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG LF	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG (GROUND) LF	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	659.1125 LUMINAIRES UTILITY LED C EACH	657.0327 POLES TYPE 6 ALUMINUM EACH	657.0705 LUMINAIRE ARMS TRUSS TYPE 4 1/2-INCH CLAMP 10-FT EACH
0010	LP-1	58+33.85 WB	41.97 LT	1	96	48	1	1	1	1
	LP-2	57+76.13 NB	47.56 RT	1	96	48	1	1	1	1
	LP-3	59+39.06 NB	29.85 RT	1	96	48	1	1	1	1
	LP-4	60+47.75 SB	31.58 LT	1	96	48	1	1	1	1
	LP-5	58+28.38 SB	50.71 LT	1	96	48	1	1	1	1
	LP-6	55+88.53 WB	32.19 LT	1	96	48	1	1	1	1
	LP-7	55+27.16 EB	36.79 RT	1	96	48	1	1	1	1
	LP-8	56+10.70 SB	48.25 LT	1	96	48	1	1	1	1
	LP-9	54+49.84 SB	42.16 LT	1	96	48	1	1	1	1
	LP-10	53+48.88 NB	35.66 RT	1	96	48	1	1	1	1
	LP-11	55+50.85 NB	52.46 RT	1	96	48	1	1	1	1
	LP-12	57+97.50 EB	39.74 RT	1	96	48	1	1	1	1
			TOTALS	12	1,728		12	12	12	12

ELECTRICAL WIRE LIGHTING

CATEGORY	EQUIP. LOCATION FROM	TO	* 655.0615 10 AWG LF
0010	LC-1	LP-12	374
	LP-12	LP-10	642
	LP-10	LP-8	792
	LC-1	LP-2	118
	LP-2	LP-4	792
	LP-4	LP-6	656
	LC-1	LP-3	466
	LP-3	LP-5	444
	LC-1	LP-1	130
	LP-1	LP-11	566
	LP-11	LP-9	450
	LP-9	LP-7	504
		TOTAL	5,934

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

ELECTRICAL WIRE LIGHTING-SYSTEM GROUND CONDUCTOR

CATEGORY	EQUIP. LOCATION FROM	TO	* 655.0615 10 AWG LF
0010	LC-1	LP-2	59
	LP-2	LP-3	180
	LP-3	LP-5	222
	LP-5	LP-4	216
	LP-5	LP-6	118
	LC-1	LP-1	65
	LP-1	LP-12	163
	LP-12	LP-11	126
	LP-11	LP-10	198
	LP-11	LP-9	225
	LP-9	LP-8	176
	LP-8	LP-7	82
		TOTAL	1,830

*ADDITIONAL QUANTITIES LISTED ELSEWHERE

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LIGHTING CONTROL SUMMARY

CATEGORY	CABINET NO.	STATION	EQUIPMENT LOCATION	659.2130 LIGHTING CONTROL CABINETS 120/240V 30-IN	654.0230 CONCRETE CONTROL CABINET BASES TYPE L30 EACH	656.0200 ELECTRICAL SERVICE METER BREAKER PEDESTAL LS
0010	LC-1	58+05.74 WB	59.56 LT	1	1	1
			TOTALS	1	1	1

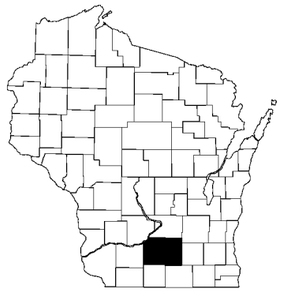
TRAFFIC CONTROL

CATEGORY	STAGE	LOCATION	DURATION (DAYS)	643.0300 TRAFFIC CONTROL DRUMS EACH	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III EACH	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0500 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH	643.0600 TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A EACH	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C EACH	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAYS	643.0900 TRAFFIC CONTROL SIGNS EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	643.1050 TRAFFIC CONTROL SIGNS PCMS EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY
0010	0	ADVANCED NOTIFICATION	7	---	---	---	---	---	---	---	---	---	---	---	---	1	7
			SUBTOTALS		0		0				0				0		7
	1	MAINLINE CLOSURE	7	---	---	14	98	---	---	28	196	---	---	12	84	1	7
	1	STAGE 1 TRAFFIC CONTROL	7	69	483	1	7	---	---	0	0	---	---	12	84	---	---
			SUBTOTALS		483		105	0	0		196		0		168		7
	2	STAGE 2 TRAFFIC CONTROL	60	98	5,880	15	900	47	41	30	1,800	---	---	46	2,760	---	---
			SUBTOTALS		5,880		900	47	41		1,800		0		2,760		0
	3A	STAGE 3A TRAFFIC CONTROL	45	117	5,265	1	45	39	34	2	90	7	315	26	1,170	---	---
	3B	STAGE 3B TRAFFIC CONTROL	19	43	817	---	---	---	---	0	0	---	---	5	95	---	---
			SUBTOTALS		6,082		45	39	34		90		315		1,265		0
	4A	STAGE 4A TRAFFIC CONTROL	21	196	4,116	---	---	---	---	---	---	---	---	18	378	---	---
	4B	STAGE 4B TRAFFIC CONTROL	11	135	1,485	---	---	---	---	---	---	---	---	16	176	---	---
			SUBTOTALS		5,601		0	0	0		0		0		554		0
			TOTALS		18,046		1,050	86	75		2,086		315		4,747		14

TRAFFIC CONTROL

CATEGORY	STAGE	LOCATION		646.9000 MARKING REMOVAL LINE 4-INCH LF	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH (WHITE) LF	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH (DOUBLE YELLOW) LF	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW) LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE SKIP) (3' SEG, 9' GAP) LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW) LF	649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW) LF	649.0805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	649.0850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH LF
0010	1	STAGE 1 TRAFFIC CONTROL		---	---	---	---	---	---	---	---	---	---
			SUBTOTALS	0	0	0	0	0	0	0	0	0	0
	2	STAGE 2 TRAFFIC CONTROL		1,592	3,581	3,016	606	---	---	---	---	25	---
			SUBTOTALS	1,592	3,581	3,016	606	0	0	0	0	25	0
	3A	STAGE 3A TRAFFIC CONTROL		1,053	3,519	3,452	292	85	532	---	825	14	29
	3B	STAGE 3B TRAFFIC CONTROL		0	---	---	---	145	678	263	0	14	---
			SUBTOTALS	1,053	3,519	3,452	292	230	1,210	263	825	28	29
	4A	STAGE 4A TRAFFIC CONTROL		---	---	---	---	---	---	---	---	---	---
	4B	STAGE 4B TRAFFIC CONTROL		---	---	---	---	---	---	---	---	---	---
			SUBTOTALS	0	0	0	0	0	0	0	0	0	0
			TOTALS	2,645		14,466			2,528			53	29

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
TRANSPORTATION PROJECT PLAT TITLE SHEET
5845-01-23
STOUGHTON - MADISON
(ROBY ROAD INTERSECTION)
USH 51
DANE COUNTY



CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING — TO BE REMOVED
BRIDGE

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN
OFF-PREMISE SIGN (41-25)

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP

	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	NGS		
NUMBER	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

LAYOUT
SCALE 0 1.0 MI.

THE NOTES,CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT PLAT FOR PROJECT 5845-01-23

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), 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, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLEs) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHTS TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THE SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

A HIGHWAY EASEMENT (HE) IS AN EASEMENT FOR HIGHWAY PURPOSES, AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON, WI.

PARCEL IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE SCHEDULE OF LANDS & INTERESTS REQUIRED.

EXISTING ACCESS CONTROL ALONG USH 51 HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT 5845-00-21.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
PREVIOUS PROJECT 5845-00-21
JOHN NYGAARD'S VIRGIN LAKE ESTATES
JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION
CSM #5515, CSM #8116, CSM #8144, CSM #11371, CSM #11949, CSM #12431, AND CSM #15110

EXISTING DEER POINT DRIVE RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
CSM #5515, CSM #8116, AND CSM #11949

EXISTING ROBY ROAD RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
JOHN NYGAARD'S VIRGIN LAKE ESTATES
JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION

PROJECT NUMBER	5845-01-23 - 4.01
SHEET	2 OF 2
AMENDMENT NO:	

TRANSPORTATION PROJECT PLAT NO: 5845-01-23 - 4.01

THAT PART OF LOT 1 OF CSM 11949, LOT 1 OF CSM 15110, LOT 3 OF CSM 8116, AND LOT 1 OF CSM 5515 LOCATED IN THE NE 1/4 OF THE SE 1/4 AND THE SE 1/4 OF THE NE 1/4 OF SECTION 1, T5N, R10E, IN THE TOWN OF RUTLAND, DANE COUNTY, WISCONSIN. ALSO THAT PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 1, T5N, R10E, IN THE CITY OF STOUGHTON, DANE COUNTY, WISCONSIN. ALSO THAT PART OF LOTS 1, 2, 3, 4, 5, 6, AND 7 OF JOHN NYGAARD'S VIRGIN LAKE ESTATES AND LOTS 1 AND 2 OF JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION AND LOTS 1, 2, AND 3 OF CSM 12431 LOCATED IN THE SW 1/4 OF THE NW 1/4 AND THE NW 1/4 OF THE NW 1/4 OF SECTION 6, T5N, R11E, CITY OF STOUGHTON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER: USH 51 STOUGHTON-MADISON, (ROBY ROAD INTERSECTION) DANE COUNTY

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

EXISTING ACCESS CONTROL ALONG ROUTE HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT 5845-00-21.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), 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.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON, WI.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS, IN DANE COUNTY, AS SHEET 2 OF 2 OF THIS DOCUMENT.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
PREVIOUS PROJECT 5845-00-21, JOHN NYGAARD'S VIRGIN LAKE ESTATES, JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION, CSM *5515, CSM *8116, CSM *8144, CSM *11371, CSM *11949, CSM *12431, AND CSM *15110.

EXISTING DEER POINT DRIVE AND ROBY ROAD RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
CSM *5515, CSM *8116, CSM *11949, JOHN NYGAARD'S VIRGIN LAKE ESTATES, JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION.

R/W POINT	STATION	OFFSET	R/W POINT	STATION	OFFSET
100	47+08.96ENB	59.24' L	121	60+04.21ENB	96.08' R
101	48+76.69ENB	52.70' L	122	57+77.64ENB	85.31' R
102	52+41.79ENB	49.26' L	123	57+51.67ENB	96.60' R
103	53+95.13ENB	61.92' L	124	58+09.23ERD	48.70' L
104	55+01.39ENB	78.68' L	125	58+33.86ERD	39.80' L
105	55+75.85ENB	81.43' L	126	58+47.09ERD	39.89' L
106	55+73.72ERD	58.27' R	127	59+47.38ERD	39.79' L
107	55+29.65ERD	33.08' R	128	59+47.69ERD	40.21' R
108	54+00.18ERD	33.78' R	129	58+47.85ERD	40.10' R
109	53+99.83ERD	32.22' L	130	58+00.24ERD	40.16' R
110	55+06.02ERD	32.79' L	131	57+90.21ERD	43.58' R
111	55+66.06ERD	50.10' L	132	56+17.33ENB	90.46' R
112	57+52.36ENB	79.48' L	133	56+02.62ENB	78.10' R
113	57+70.11ENB	63.80' L	134	55+04.57ENB	80.57' R
114	60+74.27ENB	63.96' L	135	54+74.19ENB	101.25' R
115	62+24.27ENB	59.05' L	136	53+74.19ENB	101.03' R
116	65+38.13ENB	59.22' L	137	52+74.24ENB	98.30' R
117	65+38.13ENB	60.78' R	138	51+74.48ENB	85.58' R
118	62+74.41ENB	60.93' R	139	50+74.87ENB	65.36' R
119	61+74.41ENB	65.98' R	140	48+72.15ENB	62.21' R
120	61+38.23ENB	66.00' R	141	47+08.96ENB	55.85' R

COURSE	BEARING	DISTANCE
102-103	N05°03'40"W	153.87'
103-104	N09°18'26"W	107.57'
104-105	N02°19'05"W	74.73'
105-106	N27°56'39"W	50.75'
106-107	N60°08'49"W	50.75'
108-109	N00°12'23"W	66.00'

COURSE	BEARING	DISTANCE
110-111	N74°01'17"E	62.48'
111-112	N54°28'13"E	40.09'
112-113	N41°17'39"E	23.69'
119-120	S00°12'52"E	36.18'
122-123	S23°41'23"E	28.32'
123-124	S51°42'11"E	28.32'
124-125	S83°01'02"E	22.91'
126-127	N68°47'21"E	100.00'
127-128	S21°12'40"E	80.00'
130-131	S62°16'34"W	11.88'
131-132	S51°24'58"W	36.34'
132-133	S39°51'30"W	19.22'
134-135	S34°35'13"E	36.75'
138-139	S11°07'59"W	101.65'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S 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	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	G & N LAND HOLDINGS, LLC, A WISCONSIN LIMITED LIABILITY COMPANY	TLE	--	--	--	0.101
2	KUNES STOUGHTON ABS PROPERTY LLC	FEE/TLE	0.023	--	0.023	0.120
3	GREGORY M. SHAW AND DAWN SHAW, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE/TLE	0.189	--	0.189	0.085
4	GERBER INVESTMENTS LLC	FEE/TLE	0.051	--	0.051	0.109
5	RHD PROPERTIES LLC	TLE	--	--	--	0.015
6	ALB RESTAURANTS PROPERTIES LLC, A WISCONSIN LIMITED LIABILITY COMPANY	FEE/TLE	0.023	--	0.023	0.018
7	MACO, LTD	FEE/TLE	0.195	--	0.195	0.063
8	ADAMS PROPERTY HOLDINGS, LLC, A WISCONSIN LIMITED LIABILITY COMPANY	FEE/TLE	0.062	--	0.062	0.069
9	KWIK TRIP, INC., A WISCONSIN CORPORATION	FEE/TLE	0.177	--	0.177	0.078
10	JARLAND, LLC	FEE/TLE	0.046	--	0.046	0.023
11	STOUGHTON ACORN LLC	TLE	--	--	--	0.033
12	CRR OF REEDSBURG LLC	TLE	--	--	--	0.008

UTILITY INTERESTS REQUIRED

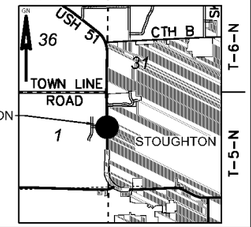
UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
80	ALLIANT ENERGY (WISCONSIN POWER AND LIGHT) VOL. 14707, PG. 31 DOC. *2221646 (GAS) - PARCEL 1 VOL. 14707, PG. 38, DOC. *2221649 (GAS) - PARCEL 1 VOL. 14707, PG. 33 DOC. *2221647 (GAS) - PARCEL 3 VOL. 14746, PG. 8, DOC. *2223002 (GAS) - PARCEL 2,4	RELEASE OF RIGHTS
82	AT&T WISCONSIN - COMM (WISCONSIN BELL) VOL. 16690, PG. 7, DOC. *2288385 - PARCELS 6,7,8,9,10,11,12 NO EASEMENT OF RECORD - PARCELS 1,2,3,4	RELEASE OF RIGHTS
83	STOUGHTON UTILITIES - ELECTRIC DOC. *3490964 - PARCEL 9 NO EASEMENT OF RECORD - PARCEL 11	RELEASE OF RIGHTS

TLE POINT	STATION	OFFSET
T51	51+00.98ENB	67.99' L
T52	51+02.52ENB	88.93' L
T53	51+67.69ENB	88.78' L
T54	51+66.21ENB	68.78' L
T55	53+95.15ENB	68.27' L
T56	55+01.05ENB	88.68' L
T57	55+71.88ENB	96.30' L
T58	56+09.94ENB	116.33' L
T59	55+22.21ERD	46.11' R
T60	54+52.31ERD	33.50' R
T61	53+99.77ERD	42.22' L
T62	55+09.42ERD	42.81' L
T63	55+30.50ERD	60.66' L
T64	55+61.64ERD	59.23' L
T65	57+59.85ENB	86.21' L
T66	57+95.80ENB	68.81' L
T67	60+74.35ENB	68.96' L
T68	62+24.43ENB	64.04' L
T69	64+00.00ENB	59.14' L
T70	64+06.13ENB	65.86' R
T71	62+74.53ENB	65.93' R
T72	61+74.54ENB	70.98' R

TLE POINT	STATION	OFFSET
T73	61+38.23ENB	76.00' R
T74	60+04.21ENB	101.08' R
T75	57+81.48ENB	94.54' R
T76	57+57.95ENB	104.78' R
T77	58+16.76ERD	57.01' L
T78	58+36.84ERD	49.66' L
T79	59+47.35ERD	49.79' L
T80	59+47.72ERD	45.21' R
T81	58+06.03ERD	48.76' R
T82	55+94.77ENB	88.30' R
T83	55+04.80ENB	90.57' R
T84	54+74.00ENB	111.25' R
T85	53+74.00ENB	111.03' R
T86	52+74.05ENB	108.30' R
T87	51+74.39ENB	90.58' R
T88	50+74.77ENB	70.36' R
T89	49+60.47ENB	65.11' R

CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
125-126	11.52'	240.00'	N70°09'52"E	11.52'
129-130	53.78'	320.00'	S73°36'13"W	53.72'

PROJECT LOCATION (NOT TO SCALE)



ALIGNMENT INFORMATION

BP = STA 43+48.71ENB
Y = 427,830.690
X = 857,043.695

DA = N02°30'18"W

PI = STA 49+45.03ENB
Y = 428,427.043
X = 857,017.605
Δ = 02°09'44" RT

DA = N00°20'34"W

PI = STA 55+13.41ENB
Y = 428,395.408
X = 857,014.206
Δ = 00°09'35" RT

DA = N00°10'59"W

EP = STA 69+67.59ENB
Y = 430,449.582
X = 857,009.559

ALIGNMENT INFORMATION

BP = STA 51+82.00ERD
Y = 429,161.401
X = 856,517.179

DA = S89°53'48"E

CURVE 1
PI = STA 57+93.63ERD
Y = 429,160.298
X = 857,128.810
Δ = 21°23'10" LT
D = 18°28'57"
T = 58.54'
L = 115.71'
R = 310.00'
LC = 115.04'
LCB = N79°24'37"E
PC = 57+35.10ERD
PT = 58+50.81ERD

DA = N68°43'02"E

CURVE 2
PI = STA 59+95.49ERD
Y = 429,234.061
X = 857,318.168
Δ = 18°43'55" RT
D = 19°05'55"
T = 49.48'
L = 98.08'
R = 300.00'
LC = 97.64'
LCB = N78°04'59"E
PC = 59+46.01ERD
PT = 60+44.09ERD

DA = N87°26'56"E

EP = STA 61+78.12ERD
Y = 429,242.228
X = 857,501.498

I, KEVIN C. LORD 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: Kevin Lord DATE: 05/15/19
PRINT NAME: KEVIN C. LORD
REGISTRATION NUMBER: S-2645

KEVIN C. LORD S-2645 MADISON, WIS.

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

SIGNATURE: Cory Schlagel DATE: 5/15/2019
PRINT NAME: CORY SCHLAGEL

KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5488208
05/16/2019 08:57 AM
Trans Fee:
Exempt #:
Rec. Fee: 25.00
Pages:

RESERVED FOR REGISTER OF DEEDS
PROJECT NUMBER 5845-01-23 4.01
SHEET 1 OF 2
AMENDMENT NO:

FOUND BRASS MONUMENT
Y = 430,973.510
X = 857,008.250

0 50 100
SCALE, FEET

FILE NAME : P:\905\93\00093488\CADD\RW\5845-01-08 USH 51 TPP REV030419.DWG
PLOT DATE : 5/14/2019 4:17 PM
PLOT BY : KEVIN LORD
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
APPRAISAL PLAT DATE : MAY 13, 2019

5845-01-23 4.01

TRANSPORTATION PROJECT PLAT NO: 5845-01-23 - 4.01 AMENDMENT NO. 1

AMENDS UTILITY NUMBER 83 TO REMOVE REFERENCE TO PARCEL 11 AND ADD REFERENCE TO PARCEL 7 OF TPP NO: 5845-01-23-4.01 RECORDED AS DOCUMENT NO: 5488208.

THAT PART OF LOT 1 OF CSM 11949, LOT 1 OF CSM 15110, LOT 3 OF CSM 8116, AND LOT 1 OF CSM 5515 LOCATED IN THE NE 1/4 OF THE SE 1/4 AND THE SE 1/4 OF THE NE 1/4 OF SECTION 1, T5N, R10E, IN THE TOWN OF RUTLAND, DANE COUNTY, WISCONSIN. ALSO THAT PART OF THE NE 1/4 OF THE NE 1/4 OF SECTION 1, T5N, R10E, IN THE CITY OF STOUGHTON, DANE COUNTY, WISCONSIN. ALSO THAT PART OF LOTS 1, 2, 3, 4, 5, 6, AND 7 OF JOHN NYGAARD'S VIRGIN LAKE ESTATES AND LOTS 1 AND 2 OF JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION AND LOTS 1, 2, AND 3 OF CSM 12431 LOCATED IN THE SW 1/4 OF THE NW 1/4 AND THE NW 1/4 OF THE NW 1/4 OF SECTION 6, T5N, R11E, CITY OF STOUGHTON, DANE COUNTY, WISCONSIN.

RELOCATION ORDER: USH 51 STOUGHTON-MADISON, (ROBY ROAD INTERSECTION) DANE COUNTY

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

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 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 SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

EXISTING ACCESS CONTROL ALONG ROUTE HAS BEEN ESTABLISHED FROM PREVIOUS PROJECT 5845-00-21.

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), 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.

FOR THE LATEST ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN MADISON, WI.

FOR ADDITIONAL INFORMATION REFER TO THE TITLE SHEET, RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS, IN DANE COUNTY, AS SHEET 2 OF 2 OF DOCUMENT *5488208.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
PREVIOUS PROJECT 5845-00-21, JOHN NYGAARD'S VIRGIN LAKE ESTATES, JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION, CSM *5515, CSM *8116, CSM *8144, CSM *11371, CSM *11949, CSM *12431, AND CSM *15110.

EXISTING DEER POINT DRIVE AND ROBY ROAD RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
CSM *5515, CSM *8116, CSM *11949, JOHN NYGAARD'S VIRGIN LAKE ESTATES, JOHN NYGAARD'S VIRGIN LAKE ESTATES COMMERCE ADDITION.

R/W POINT	STATION	OFFSET	R/W POINT	STATION	OFFSET
100	47+08.96ENB	59.24' L	121	60+04.21ENB	96.08' R
101	48+76.69ENB	52.70' L	122	57+77.64ENB	85.31' R
102	52+41.79ENB	49.26' L	123	57+51.67ENB	96.60' R
103	53+95.13ENB	61.92' L	124	58+09.23ERD	48.70' L
104	55+01.39ENB	78.68' L	125	58+33.86ERD	39.80' L
105	55+75.85ENB	81.43' L	126	58+47.09ERD	39.89' L
106	55+73.72ERD	58.27' R	127	59+47.38ERD	39.79' L
107	55+29.65ERD	33.08' R	128	59+47.69ERD	40.21' R
108	54+00.18ERD	33.78' R	129	58+47.85ERD	40.10' R
109	53+99.83ERD	32.22' L	130	58+00.24ERD	40.16' R
110	55+06.02ERD	32.79' L	131	57+90.21ERD	43.58' R
111	55+66.06ERD	50.10' L	132	56+17.33ENB	90.46' R
112	57+52.36ENB	79.48' L	133	56+02.62ENB	78.10' R
113	57+70.11ENB	63.80' L	134	55+04.57ENB	80.57' R
114	60+74.27ENB	63.96' L	135	54+74.19ENB	101.25' R
115	62+24.27ENB	59.05' L	136	53+74.19ENB	101.03' R
116	65+38.13ENB	59.22' L	137	52+74.24ENB	98.30' R
117	65+38.13ENB	60.78' R	138	51+74.48ENB	85.58' R
118	62+74.41ENB	60.93' R	139	50+74.87ENB	65.36' R
119	61+74.41ENB	65.98' R	140	48+72.15ENB	62.21' R
120	61+38.23ENB	66.00' R	141	47+08.96ENB	55.85' R

COURSE	BEARING	DISTANCE
102-103	N05°03'40"W	153.87'
103-104	N09°18'26"W	107.57'
104-105	N02°19'05"W	74.73'
105-106	N27°56'39"W	50.75'
106-107	N60°08'49"W	50.75'
108-109	N00°12'23"W	66.00'

COURSE	BEARING	DISTANCE
110-111	N74°01'17"E	62.48'
111-112	N54°28'13"E	40.09'
112-113	N41°17'39"E	23.69'
119-120	S00°12'52"E	36.18'
122-123	S23°41'23"E	28.32'
123-124	S51°42'11"E	28.32'
124-125	S83°01'02"E	22.91'
126-127	N68°47'21"E	100.00'
127-128	S21°12'40"E	80.00'
130-131	S62°16'34"W	11.88'
131-132	S51°24'58"W	36.34'
132-133	S39°51'30"W	19.22'
134-135	S34°35'13"E	36.75'
138-139	S11°07'59"W	101.65'

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S 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	R/W ACRES REQUIRED NEW	EXISTING	TOTAL	TLE ACRES
1	G & N LAND HOLDINGS, LLC, A WISCONSIN LIMITED LIABILITY COMPANY	TLE	--	--	--	0.101
2	KUNES STOUGHTON ABS PROPERTY LLC	FEE/TLE	0.023	--	0.023	0.120
3	GREGORY M. SHAW AND DAWN SHAW, HUSBAND AND WIFE, AS SURVIVORSHIP MARITAL PROPERTY	FEE/TLE	0.189	--	0.189	0.085
4	GERBER INVESTMENTS LLC	FEE/TLE	0.051	--	0.051	0.109
5	RHD PROPERTIES LLC	TLE	--	--	--	0.015
6	ALB RESTAURANTS PROPERTIES LLC, A WISCONSIN LIMITED LIABILITY COMPANY	FEE/TLE	0.023	--	0.023	0.018
7	MACO, LTD	FEE/TLE	0.195	--	0.195	0.063
8	ADAMS PROPERTY HOLDINGS, LLC, A WISCONSIN LIMITED LIABILITY COMPANY	FEE/TLE	0.062	--	0.062	0.069
9	KWIK TRIP, INC., A WISCONSIN CORPORATION	FEE/TLE	0.177	--	0.177	0.078
10	JARLAND, LLC	FEE/TLE	0.046	--	0.046	0.023
11	STOUGHTON ACORN LLC	TLE	--	--	--	0.033
12	CRR OF REEDSBURG LLC	TLE	--	--	--	0.008

UTILITY INTERESTS REQUIRED

UTILITY NUMBER	OWNER(S)	INTEREST REQUIRED
80	ALLIANT ENERGY (WISCONSIN POWER AND LIGHT) VOL. 14707, PG. 31 DOC. *2221646 (GAS) - PARCEL 1 VOL. 14707, PG. 38, DOC. *2221649 (GAS) - PARCEL 1 VOL. 14707, PG. 33 DOC. *2221647 (GAS) - PARCEL 3 VOL. 14746, PG. 8, DOC. *2223002 (GAS) - PARCEL 2,4	RELEASE OF RIGHTS
82	AT&T WISCONSIN - COMM (WISCONSIN BELL) VOL. 16690, PG. 7, DOC. *2288385 - PARCELS 6,7,8,9,10,11,12 NO EASEMENT OF RECORD - PARCELS 1,2,3,4	RELEASE OF RIGHTS
83	STOUGHTON UTILITIES - ELECTRIC DOC. *3490964 - PARCEL 9 EASEMENT PER JOHN NYGAARD'S VIRGIN LAKE ESTATES - PARCEL 7	RELEASE OF RIGHTS

TLE POINT	STATION	OFFSET
T51	51+00.98ENB	67.99' L
T52	51+02.52ENB	88.93' L
T53	51+67.69ENB	88.78' L
T54	51+66.21ENB	68.78' L
T55	53+95.15ENB	68.27' L
T56	55+01.05ENB	88.68' L
T57	55+71.88ENB	96.30' L
T58	56+09.94ENB	116.33' L
T59	55+22.21ERD	46.11' R
T60	54+52.31ERD	33.50' R
T61	53+99.77ERD	42.22' L
T62	55+09.42ERD	42.81' L
T63	55+30.50ERD	60.66' L
T64	55+61.64ERD	59.23' L
T65	57+59.85ENB	86.21' L
T66	57+95.80ENB	68.81' L
T67	60+74.35ENB	68.96' L
T68	62+24.43ENB	64.04' L
T69	64+00.00ENB	59.14' L
T70	64+06.13ENB	65.86' R
T71	62+74.53ENB	65.93' R
T72	61+74.54ENB	70.98' R

TLE POINT	STATION	OFFSET
T73	61+38.23ENB	76.00' R
T74	60+04.21ENB	101.08' R
T75	57+81.48ENB	94.54' R
T76	57+57.95ENB	104.78' R
T77	58+16.76ERD	57.01' L
T78	58+36.84ERD	49.66' L
T79	59+47.35ERD	49.79' L
T80	59+47.72ERD	45.21' R
T81	58+06.03ERD	48.76' R
T82	55+94.77ENB	88.30' R
T83	55+04.80ENB	90.57' R
T84	54+74.00ENB	111.25' R
T85	53+74.00ENB	111.03' R
T86	52+74.05ENB	108.30' R
T87	51+74.39ENB	90.58' R
T88	50+74.77ENB	70.36' R
T89	49+60.47ENB	65.11' R

CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD LENGTH
125-126	11.52'	240.00'	N70°09'52"E	11.52'
129-130	53.78'	320.00'	S73°36'13"W	53.72'

ALIGNMENT INFORMATION

BP = STA 43+48.71ENB
Y = 427,830.690
X = 857,043.695

DA = N02°30'18"W

PI = STA 49+45.03ENB
Y = 428,427.043
X = 857,017.605
Δ = 02°09'44" RT

DA = N00°20'34"W

PI = STA 55+13.41ENB
Y = 428,395.408
X = 857,014.206
Δ = 00°09'35" RT

DA = N00°10'59"W

EP = STA 69+67.59ENB
Y = 430,449.582
X = 857,009.559

ALIGNMENT INFORMATION

BP = STA 51+82.00ERD
Y = 429,161.401
X = 856,517.179

DA = S89°53'48"E

CURVE 1
PI = STA 57+93.63ERD
Y = 429,160.298
X = 857,128.810
Δ = 21°23'10" LT
D = 18°28'57"
T = 58.54'
L = 115.71'
R = 310.00'
LC = 115.04'
LCB = N79°24'37"E
PC = 57+35.10ERD
PT = 58+50.81ERD

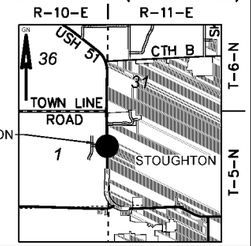
DA = N68°43'02"E

CURVE 2
PI = STA 59+95.49ERD
Y = 429,234.061
X = 857,318.168
Δ = 18°43'55" RT
D = 19°05'55"
T = 49.48'
L = 98.08'
R = 300.00'
LC = 97.64'
LCB = N78°04'59"E
PC = 59+46.01ERD
PT = 60+44.09ERD

DA = N87°26'56"E

EP = STA 61+78.12ERD
Y = 429,242.228
X = 857,501.498

PROJECT LOCATION (NOT TO SCALE)



KRISTI CHLEBOWSKI
DANE COUNTY
REGISTER OF DEEDS

DOCUMENT #
5553552
01/06/2020 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 5845-01-23 4.01
SHEET 1 OF 1
AMENDMENT NO: 1

FOUND BRASS MONUMENT
Y = 430,973.510
X = 857,008.250

0 50 100
SCALE, FEET

I, KEVIN C. LORD 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: Kevin Lord DATE: 12/19/19
PRINT NAME: KEVIN C. LORD
REGISTRATION NUMBER: S-2645

KEVIN C. LORD S-2645 MADISON, WIS. WISCONSIN LAND SURVEYOR

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

SIGNATURE: Cory Schlagel DATE: 12/26/19
PRINT NAME: CORY SCHLAGEL

MSA

FILE NAME : P:\905\93\00093488\CADD\RW\5845-01-08 USH 51 TPP_AMENDMENTNO1.DWG
PLOT DATE : 12/19/2019 3:21 PM
PLOT BY : KEVIN LORD
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
APPRAISAL PLAT DATE : DECEMBER 11, 2019

STA. 51+28 NB LT.
CONSTRUCT C.E.
1 - CULVERT PIPE CLASS III-A 24-INCH REQ'D

LOT 1
CSM NO. 8144

PART LOT 3
CSM NO. 8116

LOT 1
CSM NO. 5515

LOT 1
CSM NO. 11949

N

USH 51

DEER POINT RD

PROPOSED R/W

TLE

EXISTING R/W

ALLIANT ENERGY (GAS)

AT&T WI

MCI METRO

CITY OF STOUGHTON (ELECTRIC)

CHARTER (COMM)

LOTS 1 & 2
JOHN NYGARRDS
VIRGIN LAKE ESTATES

LOTS 3, 4, & 5
JOHN NYGARRDS
VIRGIN LAKE ESTATES

LOTS 6 & 7
JOHN NYGARRDS
VIRGIN LAKE ESTATES

LOTS 1
JOHN NYGARRDS
VIRGIN LAKE ESTATES
COMMERCE ADDITION

LOTS 2
JOHN NYGARRDS
VIRGIN LAKE ESTATES
COMMERCE ADDITION

LOT 2 & 3
CSM NO. 12431

BEGIN PROJECT
STA 49NB+80.00
MATCH EXISTING
SAW CUT REQ'D

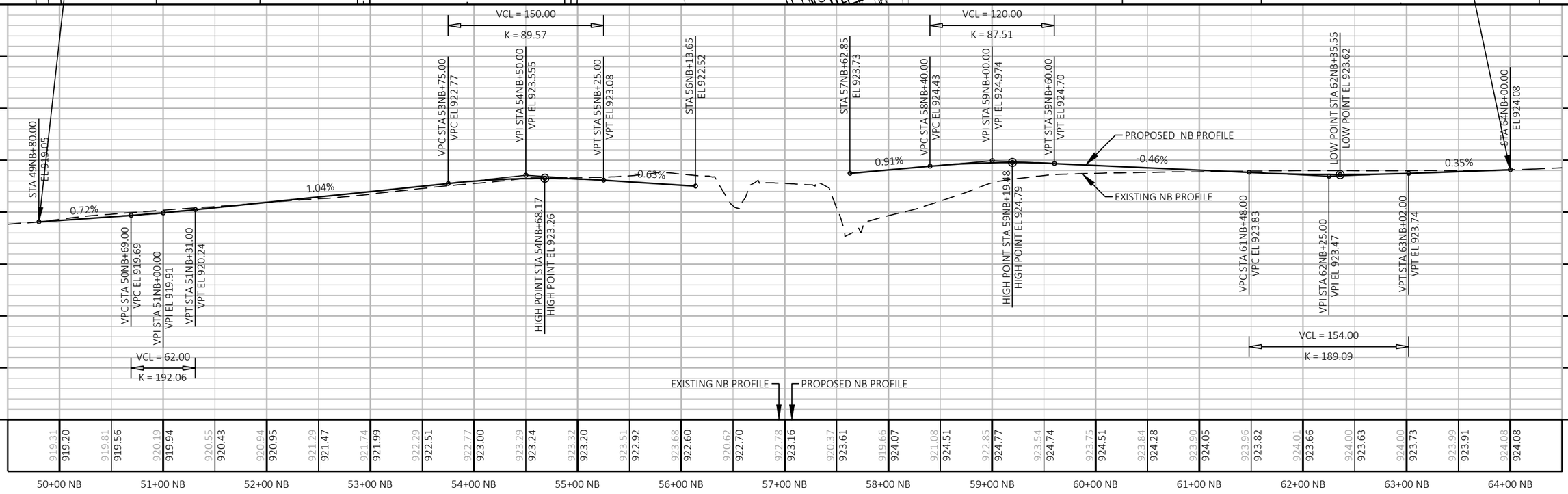
END PROJECT
STA 64NB+00.00
MATCH EXISTING
SAW CUT REQ'D

CITY OF STOUGHTON (WATER)

CITY OF STOUGHTON (SANITARY)

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: USH 51 NORTHBOUND (NB)	SHEET E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\050100_PP.DWG
LAYOUT NAME - 050101_pp
PLOT DATE : 8/31/2020 3:02 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

STA. 51+28 NB LT.
CONSTRUCT C.E.
1 - CULVERT PIPE CLASS III-A 24-INCH REQ'D

LOT 1
CSM NO. 8144

PART LOT 3
CSM NO. 8116

LOT 1
CSM NO. 5515

LOT 1
CSM NO. 11949

DRIVEWAY EASEMENT

GAS EASEMENT

TELEPHONE EASEMENT

DEER POINT RD

PROPOSED R/W

TLE

EXISTING R/W

ALLIANT ENERGY (GAS)

AT&T WI

CHARTER (COMM)

CITY OF STOUGHTON (ELECTRIC)

MCI METRO

USH 51

BEGIN PROJECT
STA 495B+80.00
MATCH EXISTING
SAW CUT REQ'D

LOTS 1 & 2
JOHN NYGARRDS
VIRGIN LAKE ESTATES

LOTS 3, 4, & 5
JOHN NYGARRDS
VIRGIN LAKE ESTATES

LOTS 6 & 7
JOHN NYGARRDS
VIRGIN LAKE ESTATES

LOTS 1
JOHN NYGARRDS
VIRGIN LAKE ESTATES
COMMERCE ADDITION

LOTS 2
JOHN NYGARRDS
VIRGIN LAKE ESTATES
COMMERCE ADDITION

CITY OF STOUGHTON (WATER)

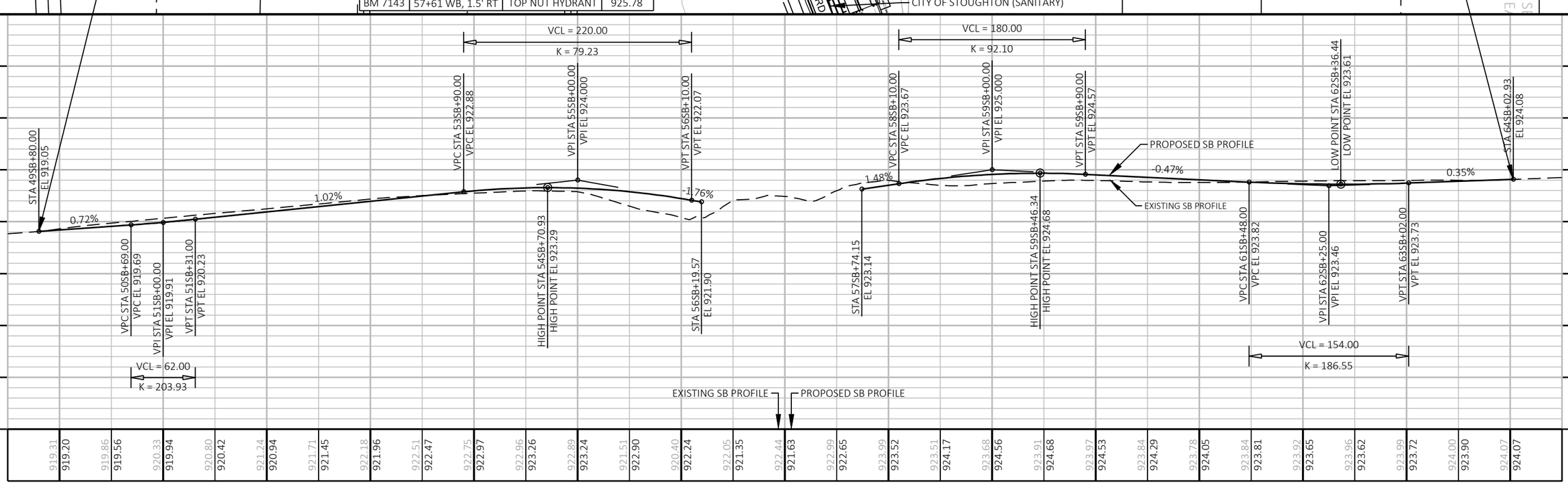
CITY OF STOUGHTON (SANITARY)

LOT 2 & 3
CSM NO. 12431

END CONSTRUCTION
STA 645B+02.93
MATCH EXISTING
SAW CUT REQ'D

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: USH 51 SOUTHBOUND (SB)	SHEET E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\050102_PP.DWG
LAYOUT NAME - 050102_pp

PLOT DATE : 8/31/2020 3:02 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

STA. 59+16 WB LT.
CONSTRUCT C.E.

N

BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78
BM 7513	60+85 EB, 42' RT	TOP NUT HYDRANT	924.32

BEGIN CONSTRUCTION
STA 54EB+10.00
MATCH EXISTING
SAW CUT REQ'D

END CONSTRUCTION
STA 59EB+73.62
MATCH EXISTING
SAW CUT REQ'D

DEER POINT DRIVE

ROBY ROAD

DEER POINT RD

ROBY RD

CHARTER (COMM)
MCI METRO
AT&T WI
CITY OF STOUGHTON (ELECTRIC)
ALLIANT ENERGY (GAS)
EXISTING R/W
PROPOSED R/W
TLE
CITY OF STOUGHTON (WATER)
CITY OF STOUGHTON (SANITARY)

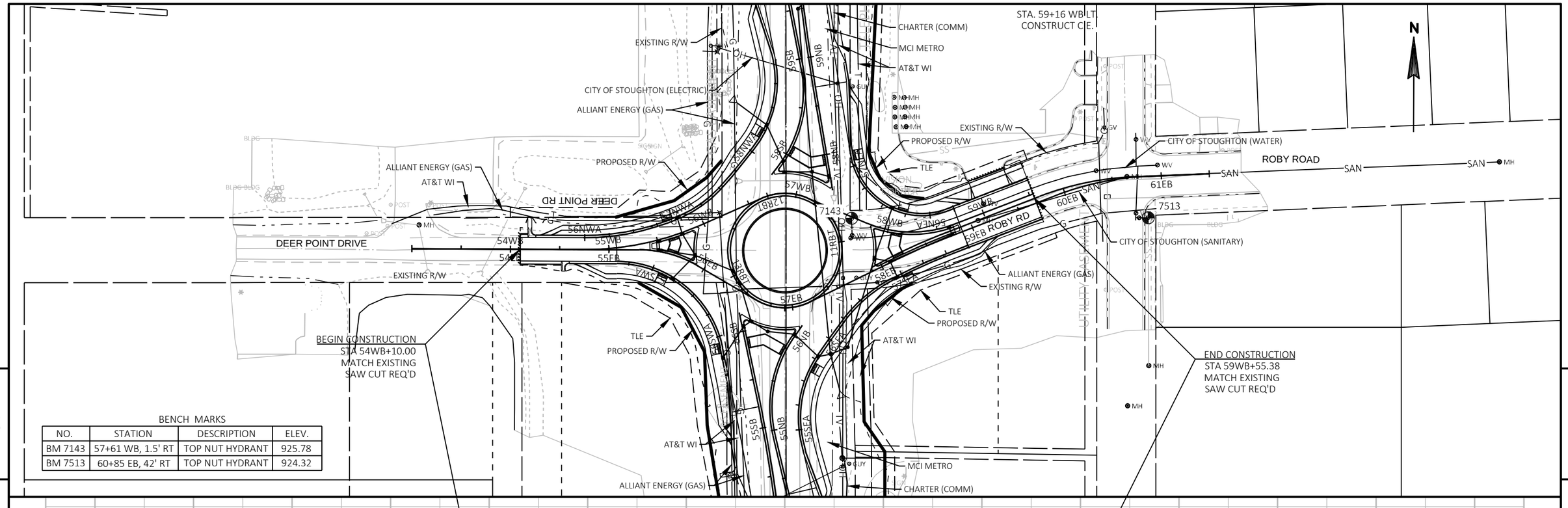
VCL = 50.00
K = 108.61
VCL = 60.00
K = 115.79

STA 54EB+10.00
EL 918.92
STA 55EB+92.69
EL 921.76
STA 57EB+87.35
EL 923.09
STA 59EB+69.45
EL 921.88

PROPOSED EB PROFILE
EXISTING EB PROFILE
1.27%
1.73%
-0.99%
-0.47%

VPC STA 54EB+55.00
VPC EL 919.49
VPI STA 54EB+80.00
VPI EL 919.81
VPT STA 55EB+05.00
VPT EL 920.24
VPC STA 58EB+27.35
VPC EL 922.70
VPI STA 58EB+57.35
VPI EL 922.40
VPT STA 58EB+87.35
VPT EL 922.26

| | | |



5

5

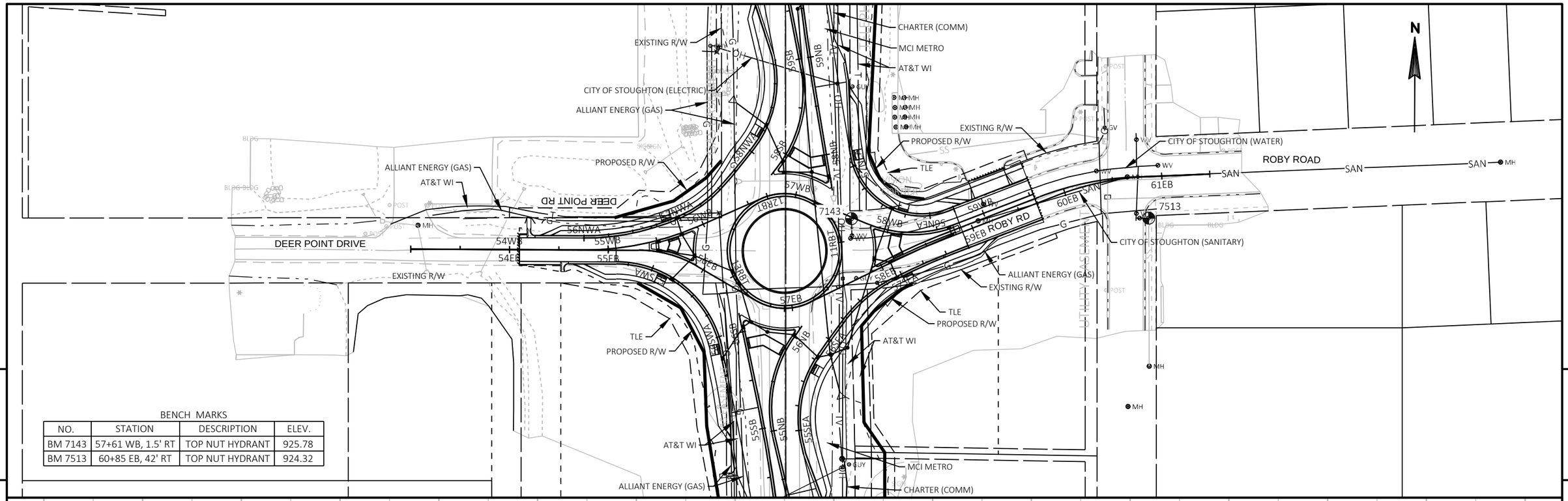
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78
BM 7513	60+85 EB, 42' RT	TOP NUT HYDRANT	924.32

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: ROBY ROAD/DEER POINT DRIVE WESTBOUND (WB)	SHEET	E

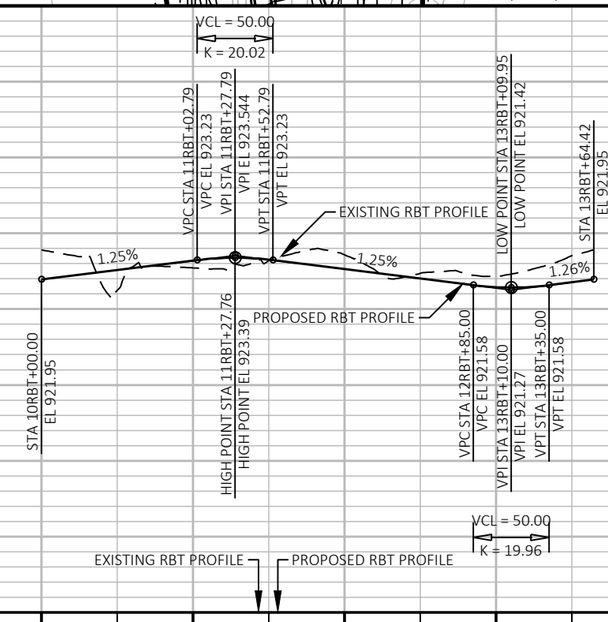
FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\050100_PP.DWG
LAYOUT NAME - 050104_pp

PLOT DATE : 8/31/2020 3:02 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:100 FT



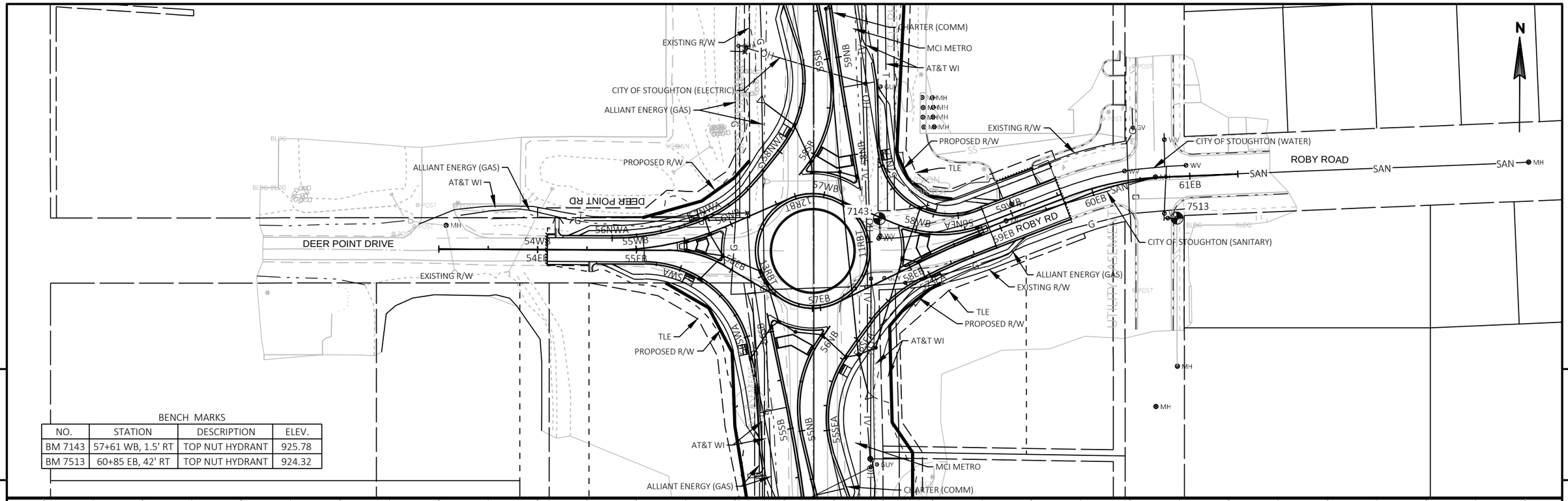
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78
BM 7513	60+85 EB, 42' RT	TOP NUT HYDRANT	924.32



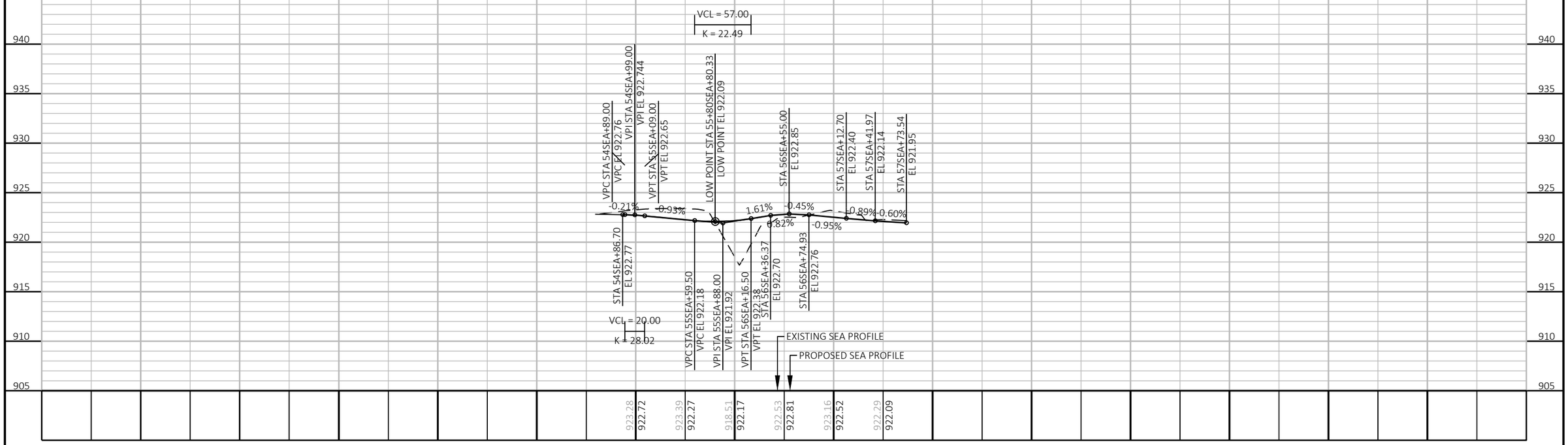
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: ROBY ROAD/DEER POINT DRIVE ROUNDABOUT (RBT)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\050100_PP.DWG
LAYOUT NAME - 050105_pp
PLOT DATE : 8/31/2020 3:02 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



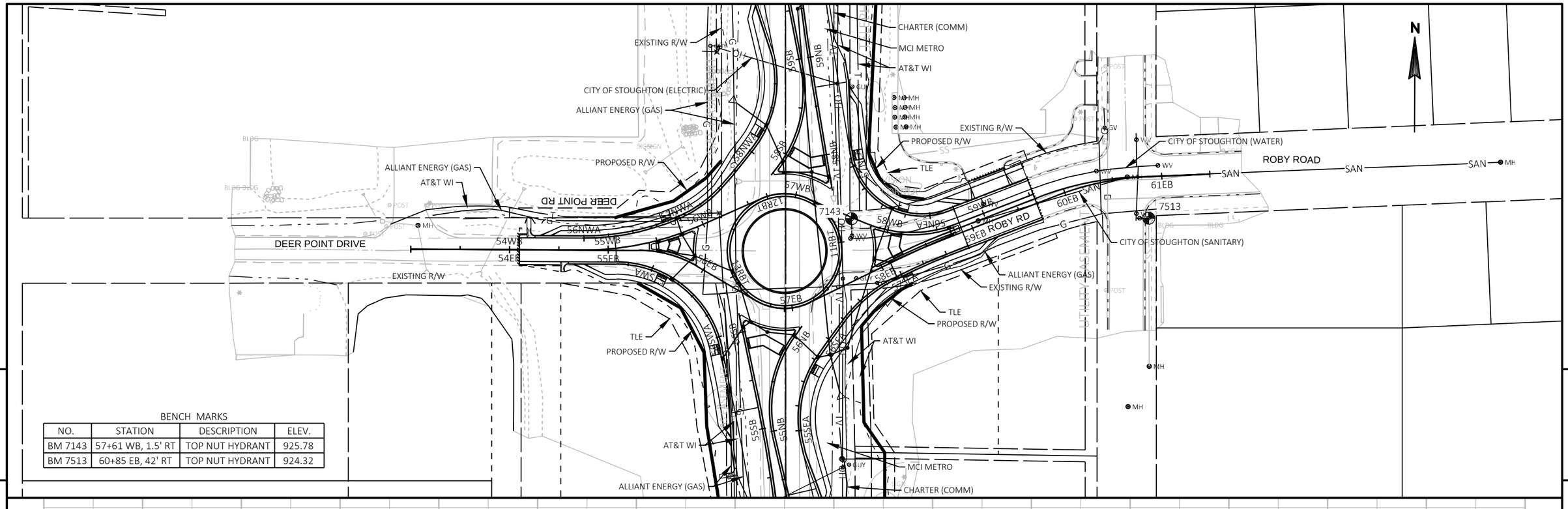
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78
BM 7513	60+85 EB, 42' RT	TOP NUT HYDRANT	924.32



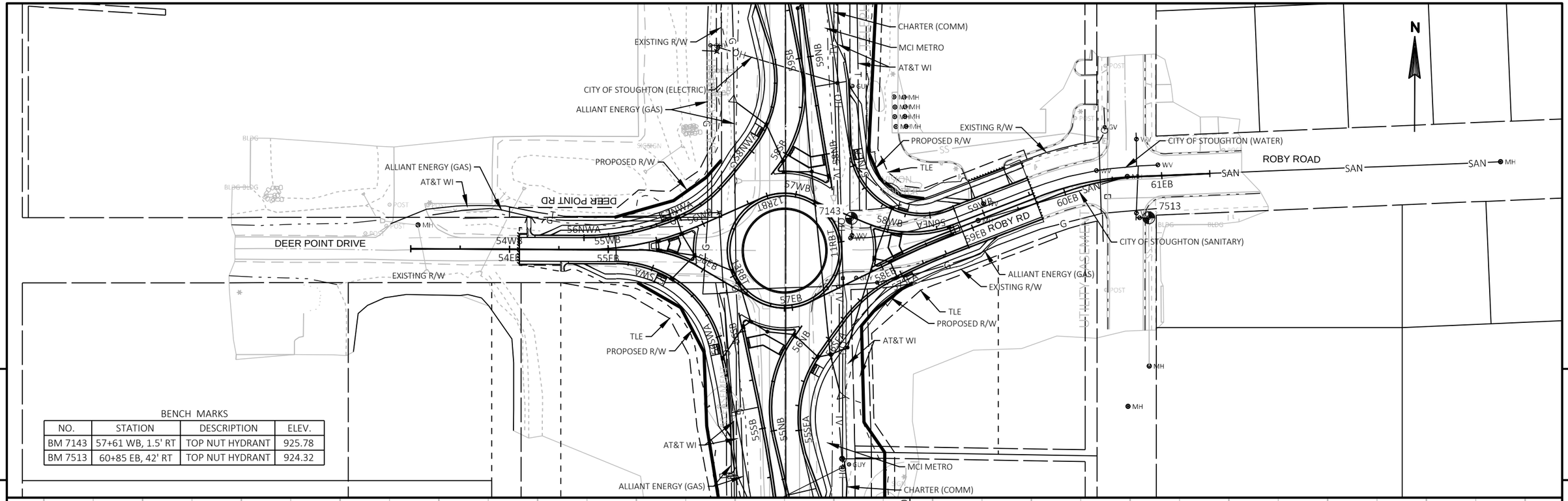
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTHEAST ALIGNMENT (SEA)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\050100_PP.DWG
LAYOUT NAME - 050106_pp
PLOT DATE : 8/31/2020 3:03 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



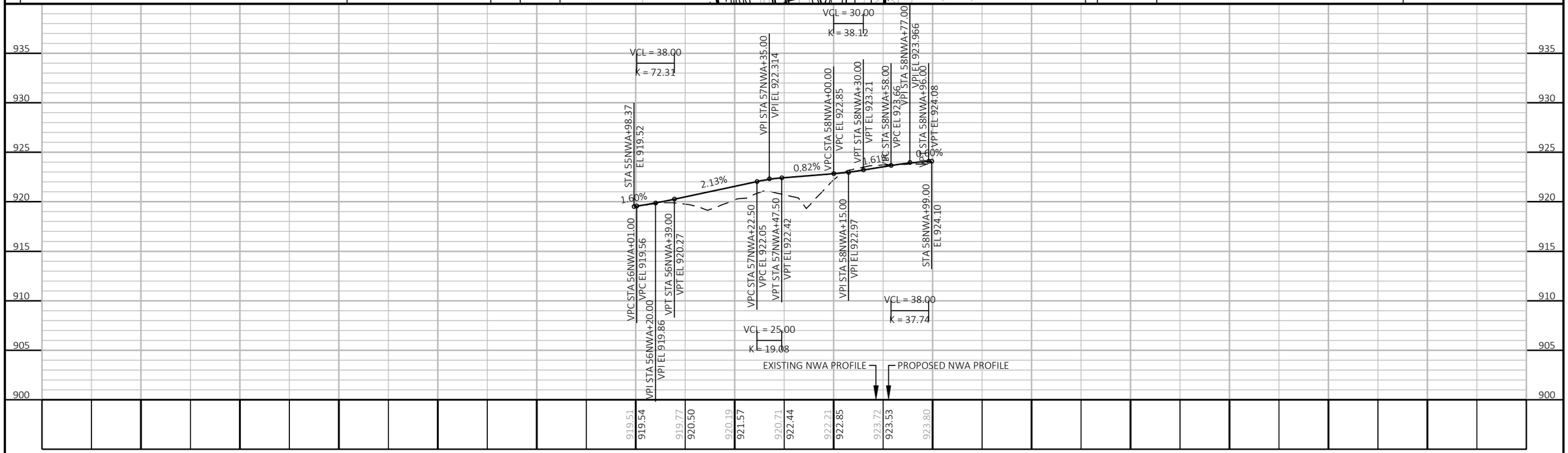
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NORTHEAST ALIGNMENT (NEA)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\050100_PP.DWG
LAYOUT NAME - 050107_pp
PLOT DATE : 8/31/2020 3:03 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:100 FT



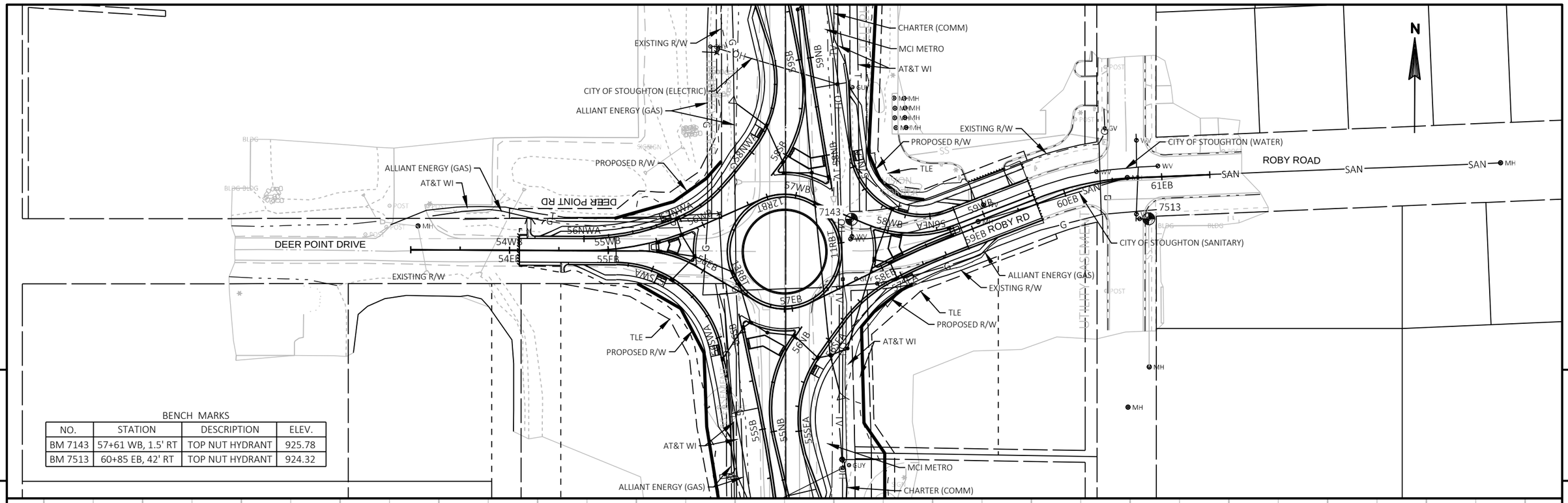
BENCH MARKS

NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78
BM 7513	60+85 EB, 42' RT	TOP NUT HYDRANT	924.32

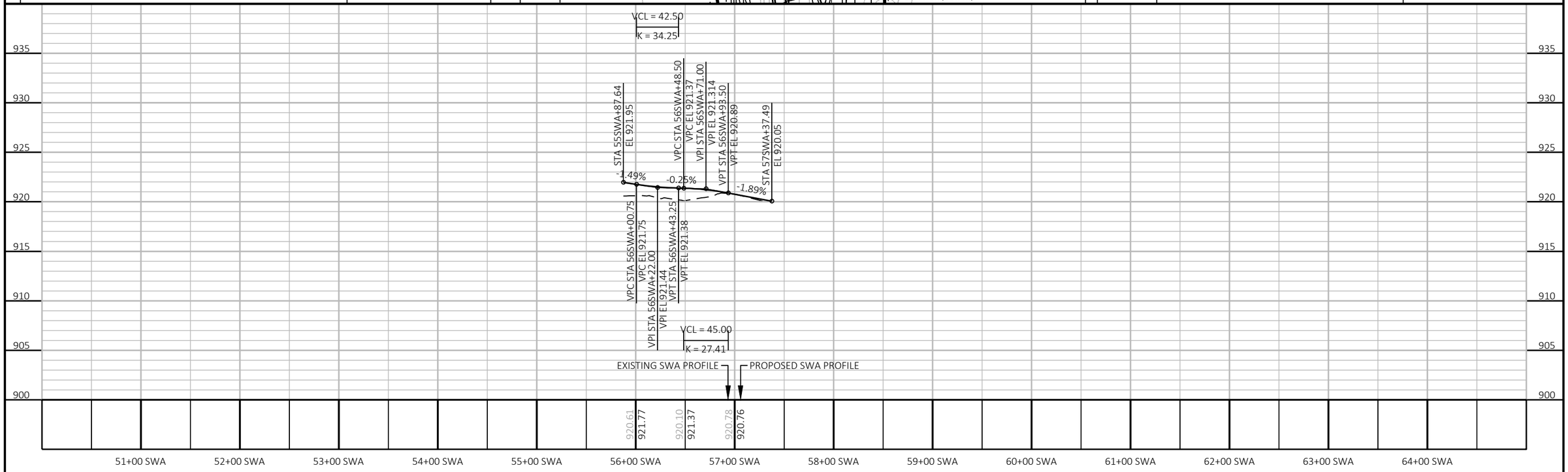


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: NORTHWEST ALIGNMENT (NWA)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\050100_PP.DWG
LAYOUT NAME - 050108_pp
PLOT DATE : 8/31/2020 3:03 PM
PLOT BY : SCHAUB, ALEX
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44



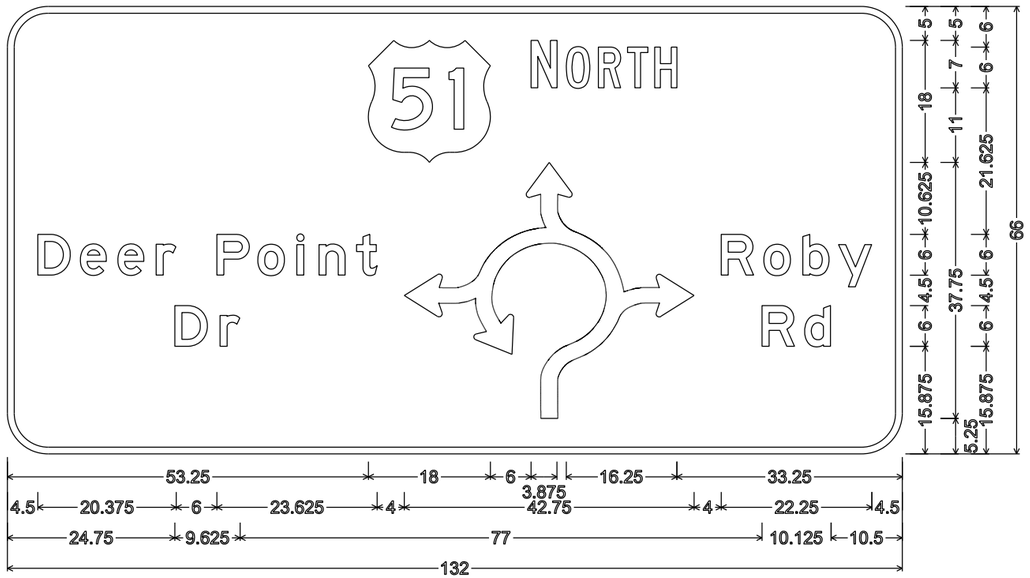
BENCH MARKS			
NO.	STATION	DESCRIPTION	ELEV.
BM 7143	57+61 WB, 1.5' RT	TOP NUT HYDRANT	925.78
BM 7513	60+85 EB, 42' RT	TOP NUT HYDRANT	924.32



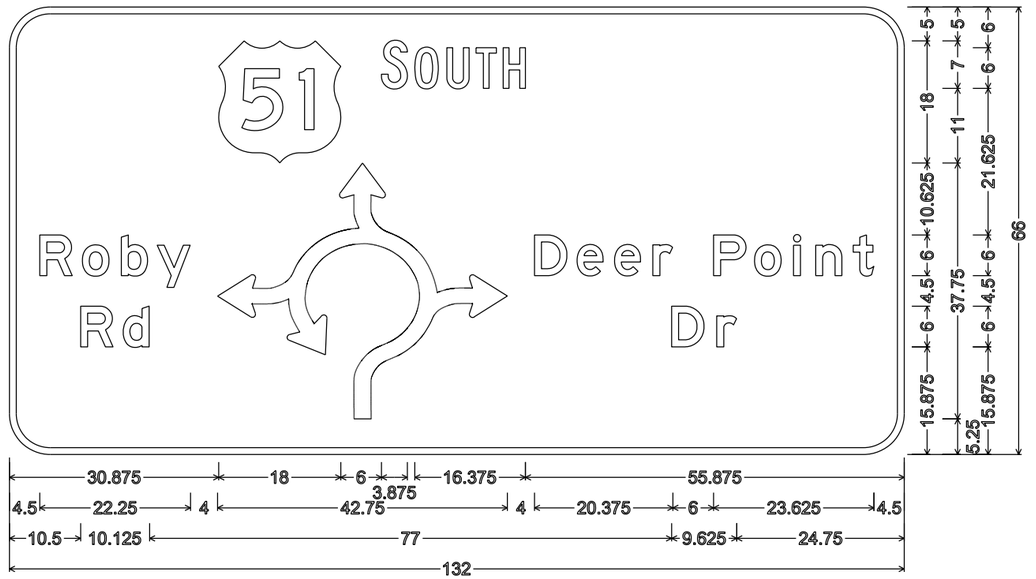
PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PLAN AND PROFILE: SOUTHWEST ALIGNMENT (SWA)	SHEET	E

NOTES

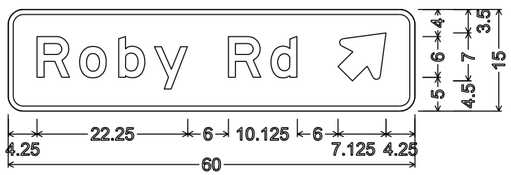
1. All Signs are Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E except as noted



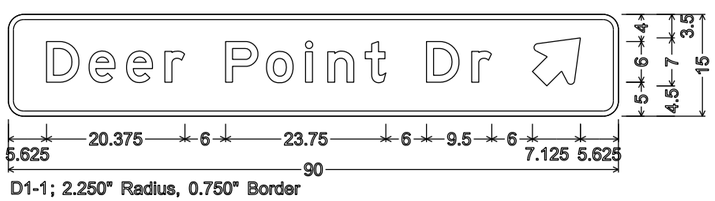
6.000" Radius, 1.000" Border
"NORTH" C;



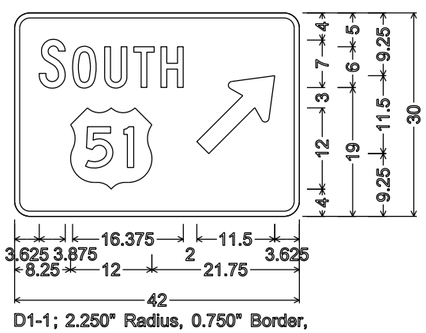
6.000" Radius, 1.000" Border
"SOUTH" C



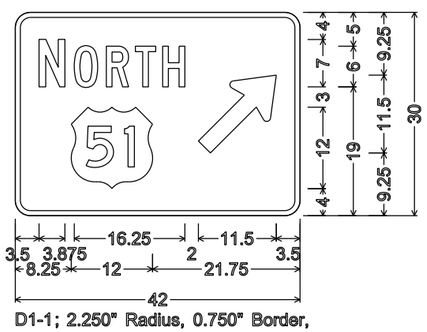
D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border



D1-1; 2.250" Radius, 0.750" Border,
"SOUTH" C



D1-1; 2.250" Radius, 0.750" Border,
"NORTH" C

7

7

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	PERMANENT SIGNING	SHEET NO:	E

USH 51 SB TEMP WIDENING								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
48+31.31		0	0	0	0	0	0	0
48+50.00	19	7	0	2	0	2	0	2
49+00.00	50	7	7	12	6	14	8	6
49+50.00	50	7	34	12	38	27	55	-29
50+00.00	50	4	28	10	57	37	127	-91
50+50.00	50	9	18	12	43	49	181	-132
51+00.00	50	54	0	59	17	107	202	-94
51+35.00	35	60	0	74	0	181	202	-20
51+50.00	15	18	0	22	0	203	202	2
52+00.00	50	13	14	29	13	232	217	14
52+50.00	50	13	11	24	23	256	246	10
53+00.00	50	16	16	27	24	283	277	6
53+50.00	50	19	18	33	31	315	315	0
54+00.00	50	27	15	43	31	358	353	4
54+50.00	50	24	20	47	33	405	394	11
55+00.00	50	7	34	29	50	434	457	-23
55+50.00	50	5	44	11	72	445	547	-102
56+00.00	50	5	43	10	80	455	647	-193
56+50.00	50	55	0	56	40	511	697	-186
57+50.00	100	7	36	114	66	625	780	-155
58+00.00	50	5	37	11	67	636	864	-228
58+50.00	50	5	32	10	64	646	944	-298
59+00.00	50	6	32	10	59	656	1,018	-362
59+50.00	50	7	29	12	56	669	1,088	-420
60+00.00	50	10	21	16	47	685	1,147	-462
60+50.00	50	11	9	19	27	704	1,181	-477
61+00.00	50	12	7	21	14	725	1,199	-474
61+50.00	50	14	9	24	15	749	1,218	-468
62+00.00	50	17	8	29	16	778	1,237	-459
62+50.00	50	15	6	29	13	807	1,253	-446
63+00.00	50	15	5	27	10	835	1,266	-432
63+50.00	50	15	7	27	12	862	1,281	-419
64+00.00	50	9	3	22	9	884	1,293	-409
64+50.00	50	8	0	16	2	900	1,296	-396
65+00.00	50	7	0	14	0	914	1,296	-382
65+22.83	23	6	0	6	0	919	1,296	-377
65+50.00	27	0	0	3	0	922	1,296	-374
			COLUMN TOTALS	922	1,037			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

DEER POINT DRIVE TEMP WIDENING								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
54+20.72		5	0	0	0	0	0	0
54+50.00	29	5	1	5	0	5	0	5
55+00.00	50	5	2	9	2	14	3	11
55+50.00	50	5	2	10	4	24	8	16
55+71.13	21	8	0	5	1	29	9	20
			COLUMN TOTALS	29	7			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

USH 51 NORTHBOUND								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
49+80.00		108	0	0	0	0	0	0
50+00.00	20	53	1	60	0	60	0	59
50+50.00	50	53	3	99	3	158	4	154
51+00.00	50	55	10	100	12	258	19	240
51+50.00	50	83	19	128	28	386	53	333
52+00.00	50	137	24	204	40	590	104	486
52+50.00	50	160	31	275	51	865	168	697
53+00.00	50	157	37	293	63	1,159	246	912
53+50.00	50	168	43	300	74	1,459	338	1,121
54+00.00	50	192	58	333	31	1,792	377	1,415
54+50.00	50	191	78	354	126	2,146	534	1,612
55+00.00	50	297	71	452	138	2,598	707	1,891
55+50.00	50	271	137	526	193	3,123	948	2,175
56+00.00	50	237	192	470	305	3,593	1,329	2,264
56+13.65	14	147	148	97	86	3,690	1,436	2,254
57+62.85	---	28	39	0	0	3,690	1,436	2,254
58+00.00	37	0	97	19	94	3,710	1,553	2,157
58+50.00	50	3	113	3	194	3,713	1,796	1,917
59+00.00	50	10	90	13	188	3,726	2,030	1,695
59+50.00	50	46	64	52	142	3,778	2,208	1,570
60+00.00	50	107	42	142	98	3,920	2,331	1,588
60+50.00	50	120	22	210	60	4,129	2,406	1,723
61+00.00	50	120	16	221	36	4,351	2,451	1,900
61+50.00	50	92	9	196	23	4,547	2,480	2,066
62+00.00	50	98	3	176	11	4,723	2,494	2,229
62+50.00	50	90	2	174	4	4,897	2,500	2,397
63+00.00	50	81	0	159	2	5,056	2,502	2,554
63+50.00	50	69	0	139	0	5,196	2,502	2,694
64+00.00	50	115	1	171	1	5,366	2,503	2,864
			COLUMN TOTALS	5,366	2,002			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

USH 51 NB TEMP WIDENING								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
47+24.00		0	0	0	0	0	0	0
47+50.00	26	3	0	2	0	2	0	2
48+00.00	50	7	0	9	0	11	0	11
48+50.00	50	7	0	12	0	24	0	24
49+00.00	50	7	0	12	0	36	0	36
49+50.00	50	7	10	12	9	48	11	37
49+80.00	30	7	3	8	7	56	20	36
63+74.00	---	6	4	0	0	56	20	36
64+00.00	26	9	0	7	2	63	22	41
64+50.00	50	8	0	15	0	78	22	56
65+00.00	50	8	0	15	0	93	22	71
65+01.00	1	1	0	0	0	93	22	71
			COLUMN TOTALS	93	18			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

USH 51 SOUTHBOUND								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
49+80.00		78	0	0	0	0	0	0
50+00.00	20	82	0	59	0	59	0	59
50+50.00	50	88	0	157	0	216	0	216
51+00.00	50	91	0	165	0	381	0	381
51+50.00	50	107	0	183	0	565	0	565
52+00.00	50	91	0	184	0	748	0	748
52+50.00	50	90	0	167	0	916	0	916
53+00.00	50	92	0	169	0	1,084	0	1,084
53+50.00	50	93	0	172	0	1,256	0	1,256
54+00.00	50	80	2	160	1	1,416	1	1,415
54+50.00	50	72	7	141	9	1,557	12	1,545
55+00.00	50	75	35	136	40	1,693	61	1,632
55+50.00	50	69	36	133	66	1,826	144	1,682
56+00.00	50	82	26	140	57	1,966	215	1,750
56+19.57	20	81	23	59	18	2,025	238	1,787
57+74.15	---	96	8	0	0	2,025	238	1,787
58+00.00	26	132	6	109	7	2,134	246	1,887
58+50.00	50	179	12	242	16	2,375	267	2,109
59+00.00	50	100	20	212	30	2,588	303	2,284
59+50.00	50	69	29	157	45	2,745	360	2,384
60+00.00	50	73	9	131	35	2,876	404	2,472
60+50.00	50	67	15	129	23	3,005	432	2,573
61+00.00	50	69	11	126	25	3,131	463	2,668
61+50.00	50	59	3	118	13	3,249	480	2,769
62+00.00	50	68	0	118	3	3,367	484	2,883
62+50.00	50	76	0	134	0	3,501	484	3,017
63+00.00	50	77	0	142	0	3,643	484	3,159
63+50.00	50	72	0	139	0	3,782	484	3,298
64+02.93	53	70	0	139	0	3,921	484	3,437
			COLUMN TOTALS	3,921	387			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

STAGE 3 - ENB								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
48+31.00		0	0	0	0	0	0	0
48+50.00	19	3	0	1	0	1	0	1
49+00.00	50	4	0	7	0	8	0	8
49+50.00	50	37	0	38	0	46	0	46
64+00.00	---	12	0	0	0	46	0	46
64+50.00	50	5	0	16	0	62	0	62
65+00.00	50	3	0	7	0	69	0	69
65+23.00	23	0	0	1	0	70	0	70
			COLUMN TOTALS	70	0			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

EB								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
54+10.00		14	0	0	0	0	0	0
54+25.00	15	14	0	8	0	8	0	8
54+50.00	25	13	7	12	3	20	4	16
55+00.00	50	7	4	18	11	38	18	21
55+50.00	50	31	7	35	11	74	31	43
55+92.69	43	21	11	41	14	115	49	66
57+90.44	---	21	1	0	0	115	49	66
58+00.00	10	25	0	8	0	123	49	74
58+50.00	50	30	0	51	0	174	49	124
59+00.00	50	29	0	55	0	229	49	179
59+50.00	50	29	0	54	0	283	49	233
59+69.44	19	10	0	14	0	297	49	247
			COLUMN TOTALS	297	40			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

WB								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
54+74.47		33	12	0	0	0	0	0
55+00.00	26	16	8	23	10	23	12	11
55+50.00	50	43	33	55	39	79	61	18
55+95.55	46	25	17	57	42	136	113	22
57+81.39	---	87	0	0	0	136	113	22
58+00.00	19	86	0	60	0	195	113	82
58+50.00	50	68	0	143	0	338	113	224
58+73.37	23	128	0	85	0	423	113	309
			COLUMN TOTALS	423	91			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

RBT								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
10+00.00		126	0	0	0	0	0	0
10+50.00	50	72	15	184	14	184	17	167
11+00.00	50	82	0	143	14	327	34	293
11+50.00	50	61	1	133	1	461	36	425
12+00.00	50	96	0	145	1	606	37	569
12+50.00	50	96	0	178	0	784	37	747
13+00.00	50	125	18	205	17	989	57	931
13+50.00	50	121	0	228	17	1,217	78	1,139
13+64.43	14	126	0	66	0	1,283	78	1,205
			COLUMN TOTALS	1,283	63			

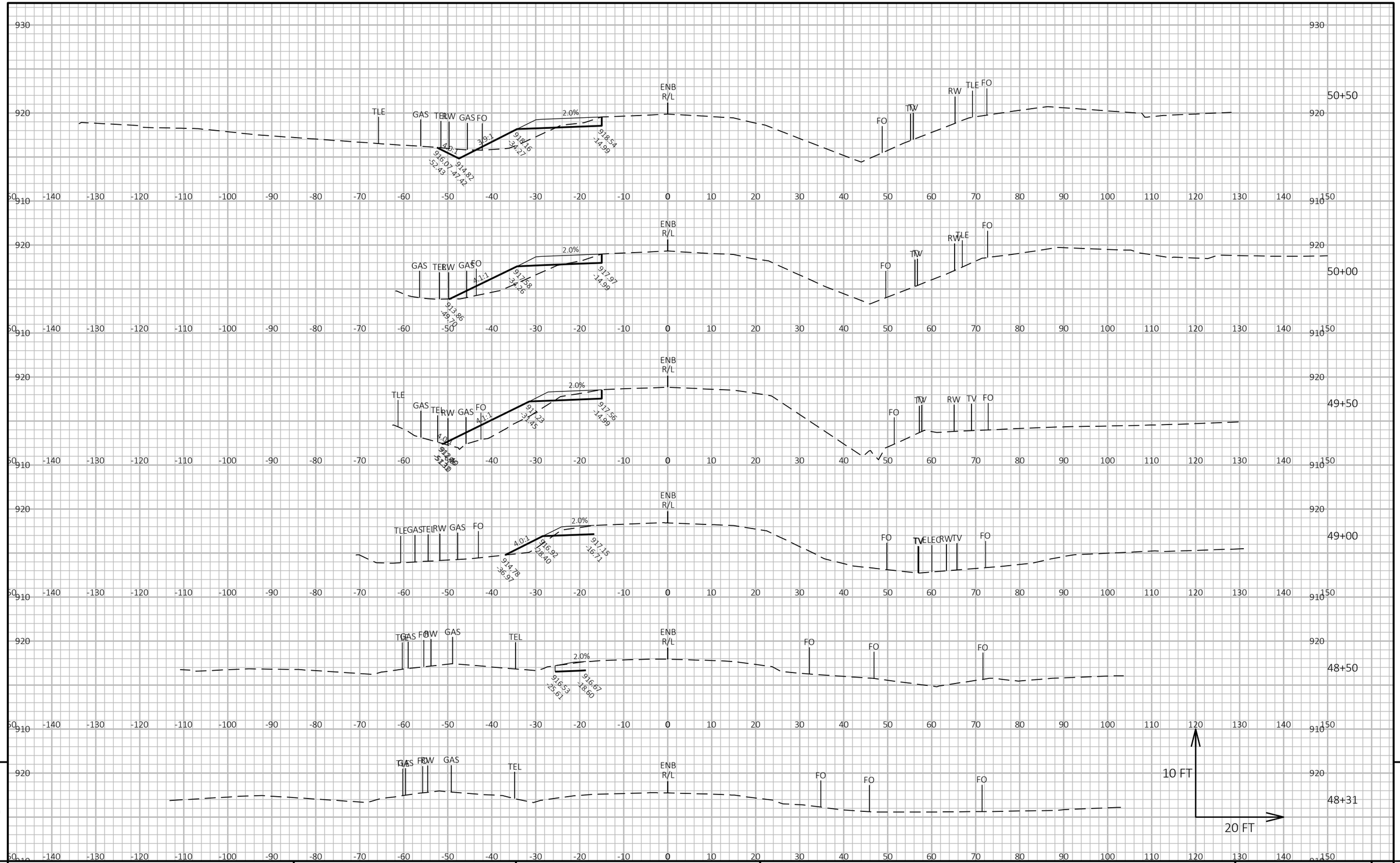
NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)

REMOVE USH 51 TEMP WIDENING								
		AREA (SF)		INCREMENTAL VOL (CY) (UNADJUSTED)		CUMULATIVE VOL (CY)		
STATION	DISTANCE	CUT	FILL	CUT NOTE 1	FILL NOTE 3	CUT 1.00 NOTE 1	EXPANDED FILL 1.25	MASS ORDINATE NOTE 4
47+24.00		2	1	0	0	0	0	0
47+50.00	26	2	0	2	1	2	1	1
48+00.00	50	3	0	5	0	7	1	6
48+50.00	50	4	0	6	0	13	1	13
49+00.00	50	4	0	7	0	21	1	20
49+50.00	50	6	0	9	0	30	1	30
49+80.00	30	8	0	8	0	38	1	37
63+74.00	---	11	0	0	0	38	1	37
64+00.00	26	7	0	9	0	47	1	46
64+50.00	50	4	0	10	0	57	1	57
65+00.00	50	3	0	6	0	64	1	63
65+01.00	1	0	0	0	0	64	1	63
			COLUMN TOTALS	64	1			

NOTES:

1) CUT: CUT INCLUDES SALVAGED/UNUSABLE PAVEMENT MATERIAL
2) SALVAGED/UNUSABLE PAVEMENT MATERIAL: THIS IS NOT SHOWN IN THE CROSS SECTIONS
3) FILL: FILL DOES NOT INCLUDE SALVAGED/UNUSABLE PAVEMENT MATERIAL
4) MASS ORDINATE: MASS ORDINATE = (CUT - SALVAGED/UNUSABLE PAVEMENT MATERIAL) - (FILL * FILL FACTOR)



9

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

9

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090201_XS.DWG
LAYOUT NAME - 090201 xs

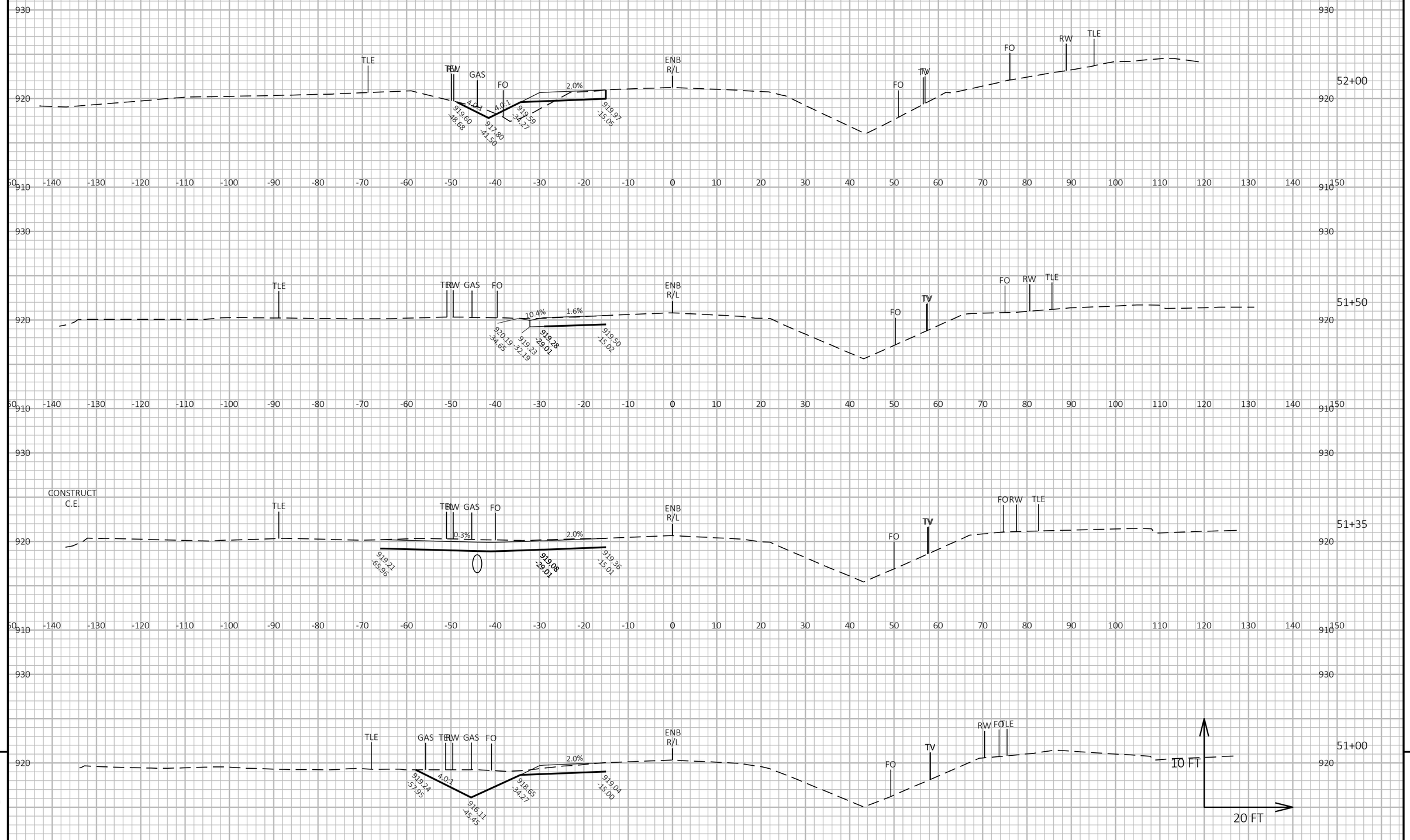
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

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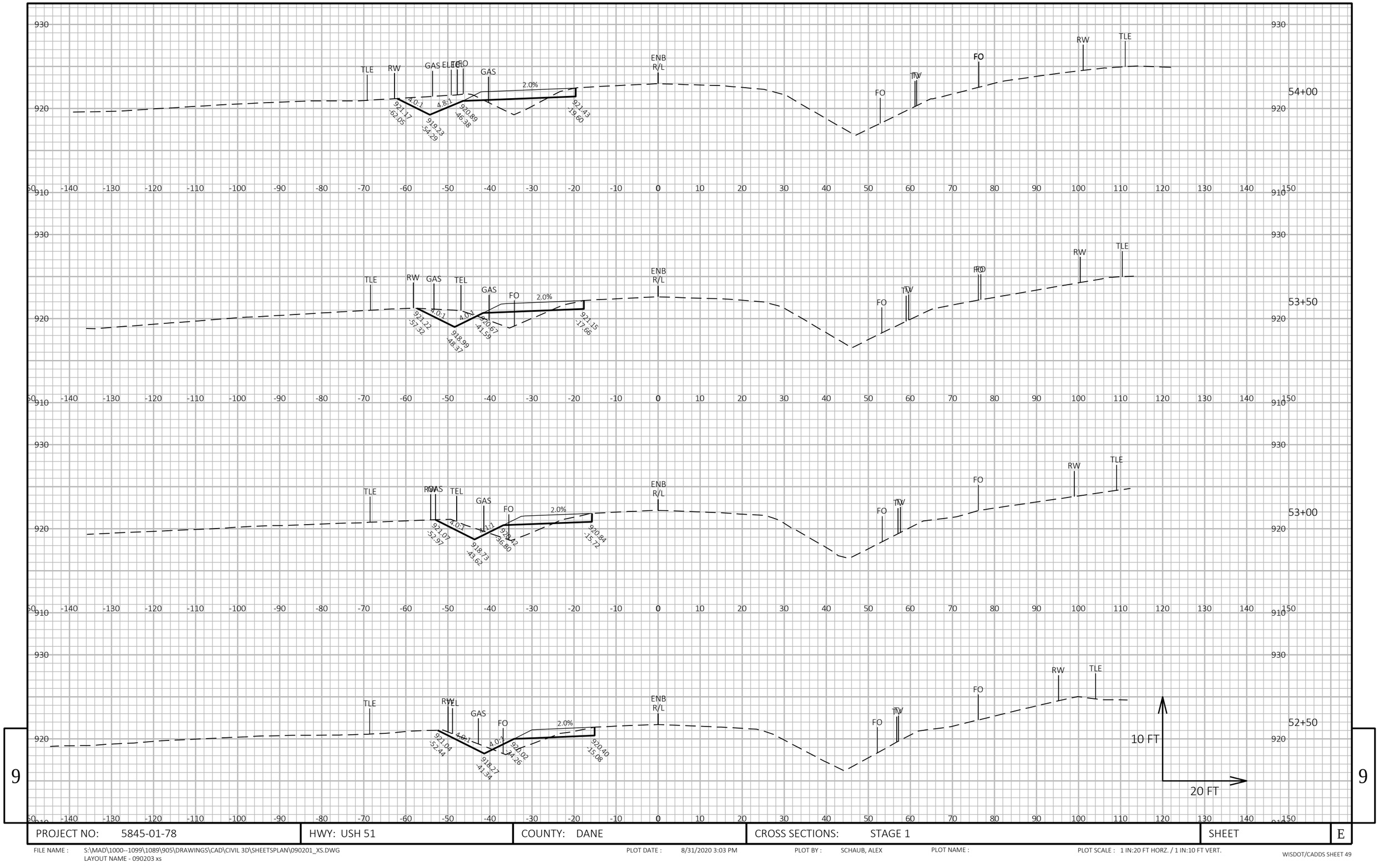
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

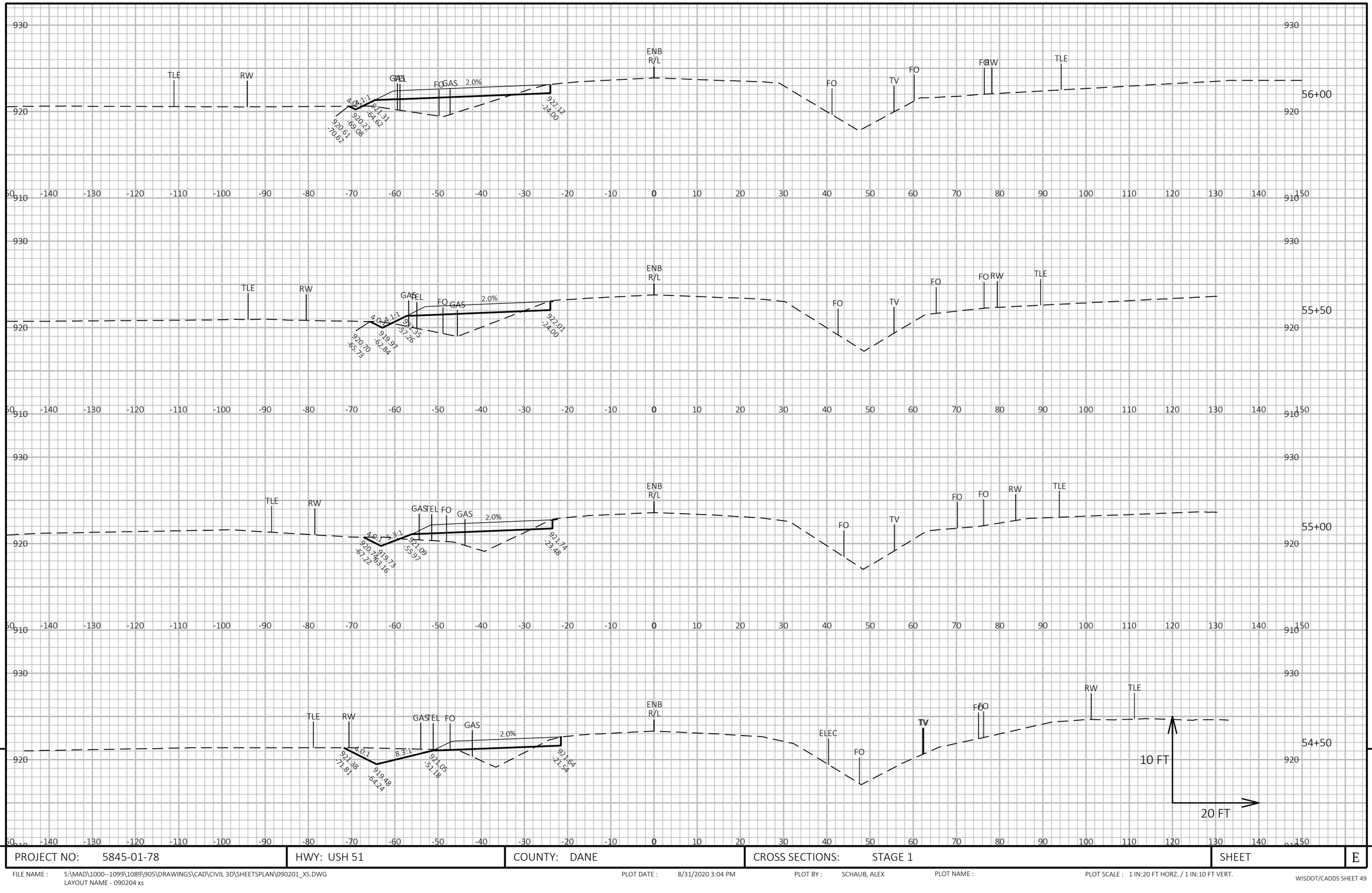
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LAYOUT NAME - 090203 xs

PLOT DATE : 8/31/2020 3:03 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

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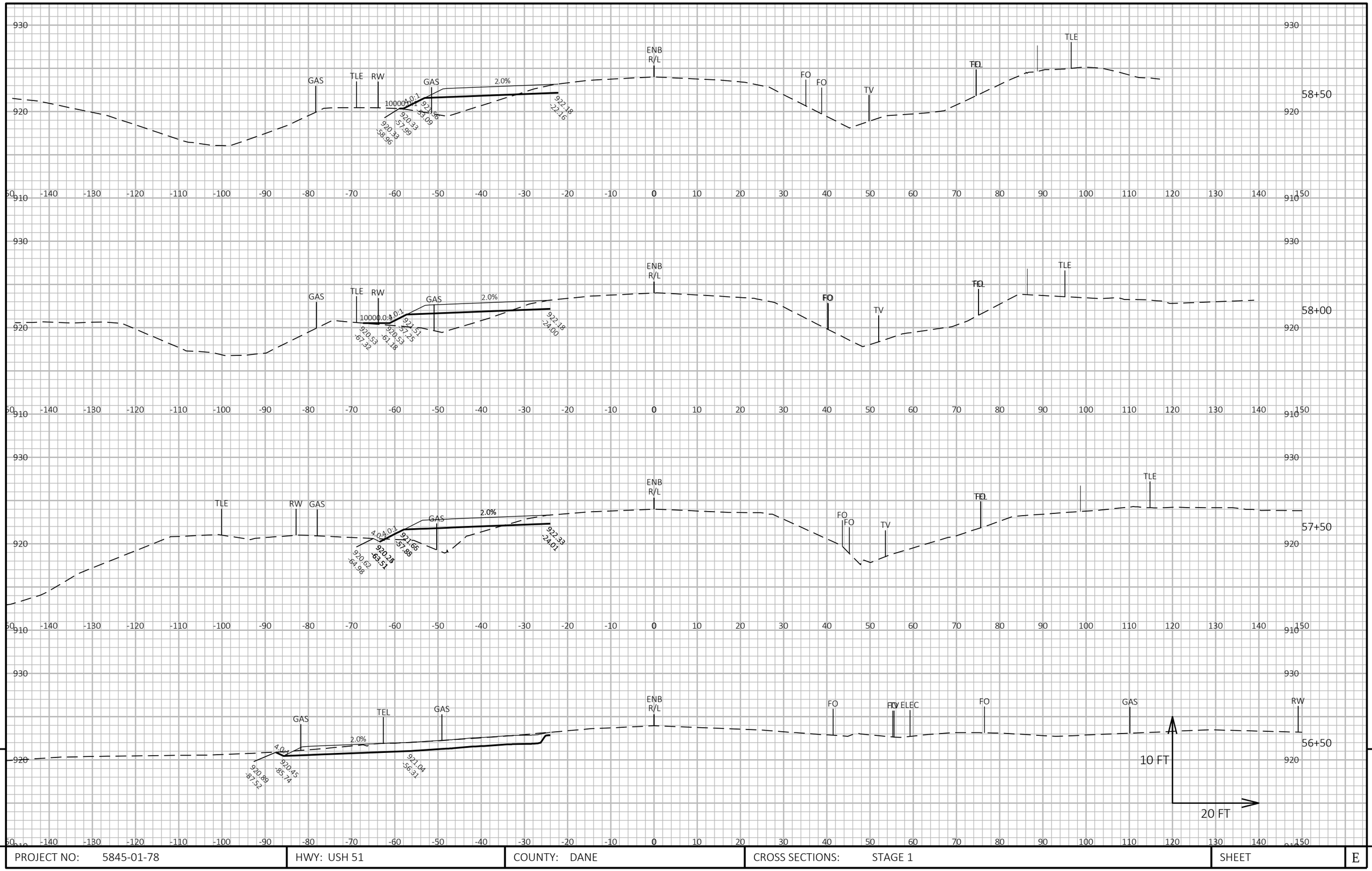
PLOT DATE : 8/31/2020 3:04 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

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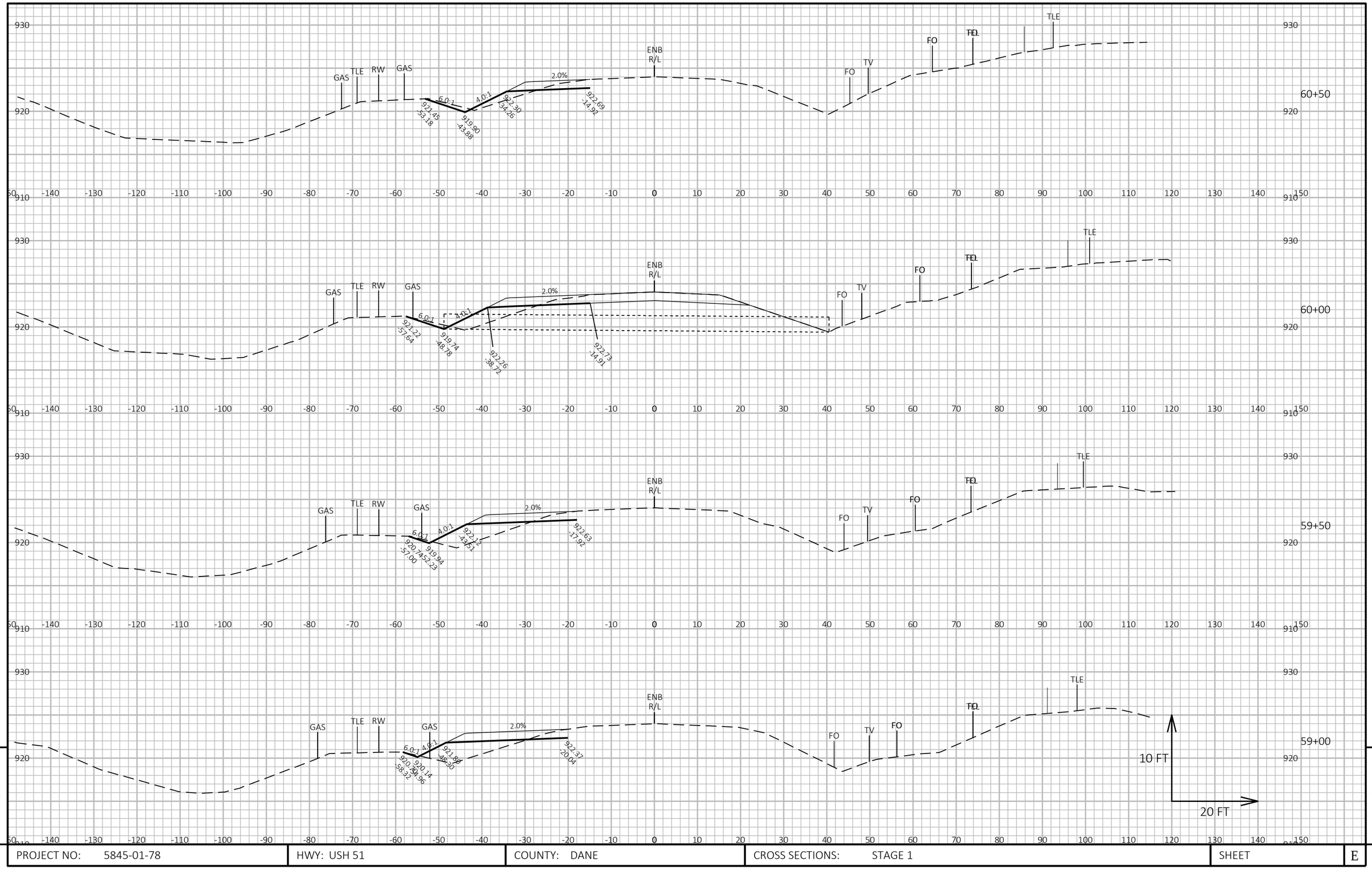
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

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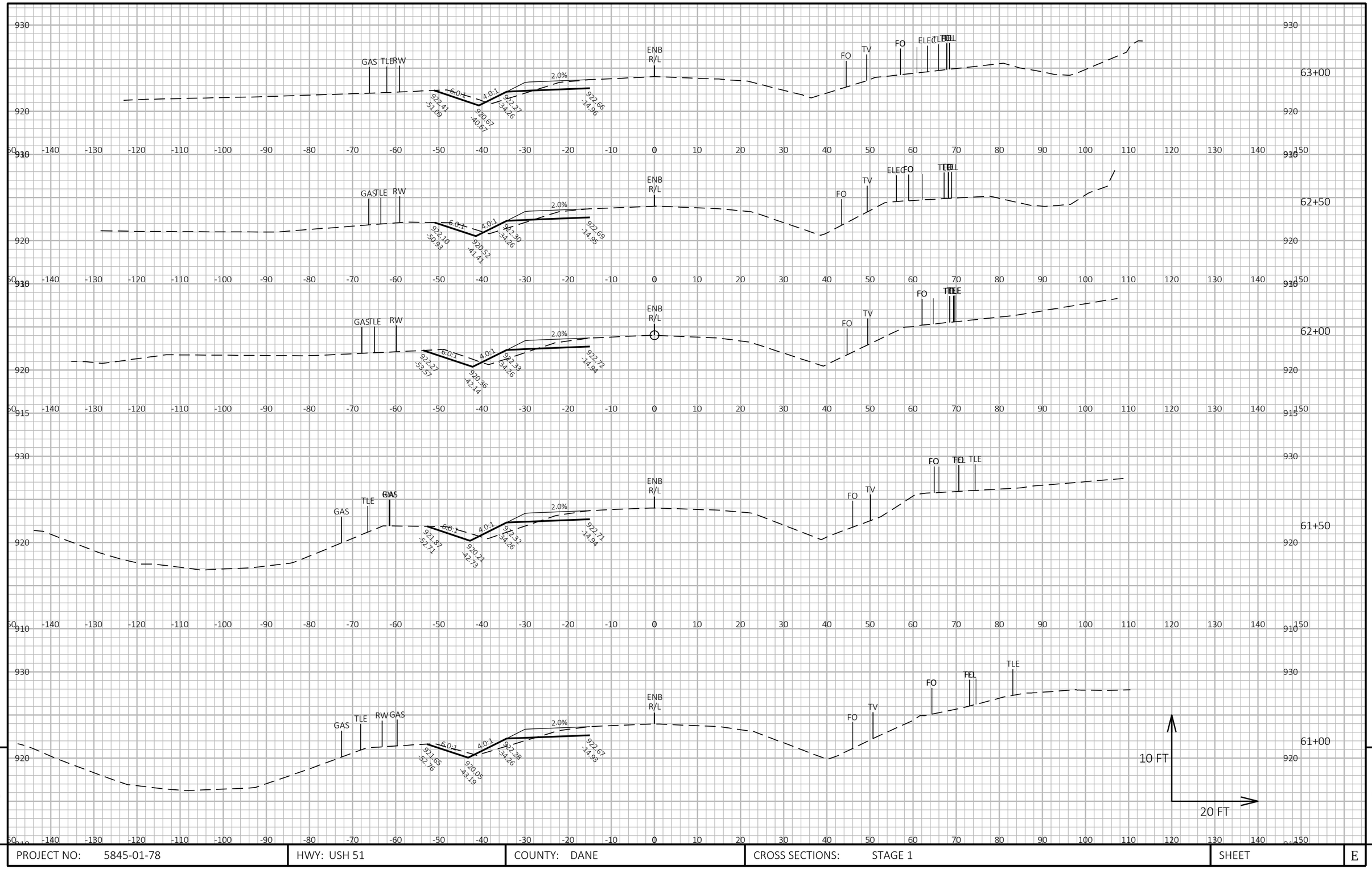
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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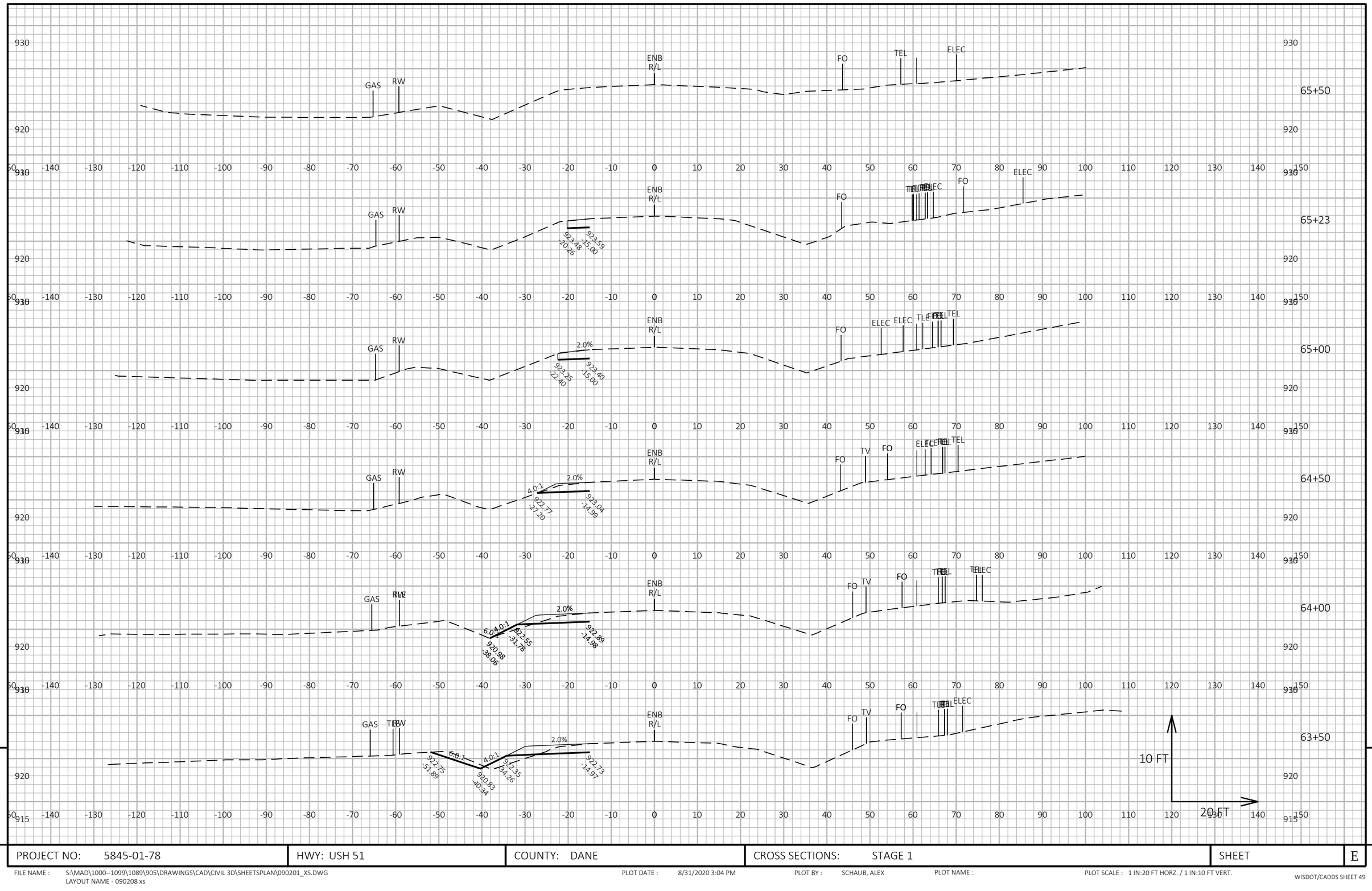
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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

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LAYOUT NAME - 090207 xs

PLOT DATE : 8/31/2020 3:04 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1	SHEET	E

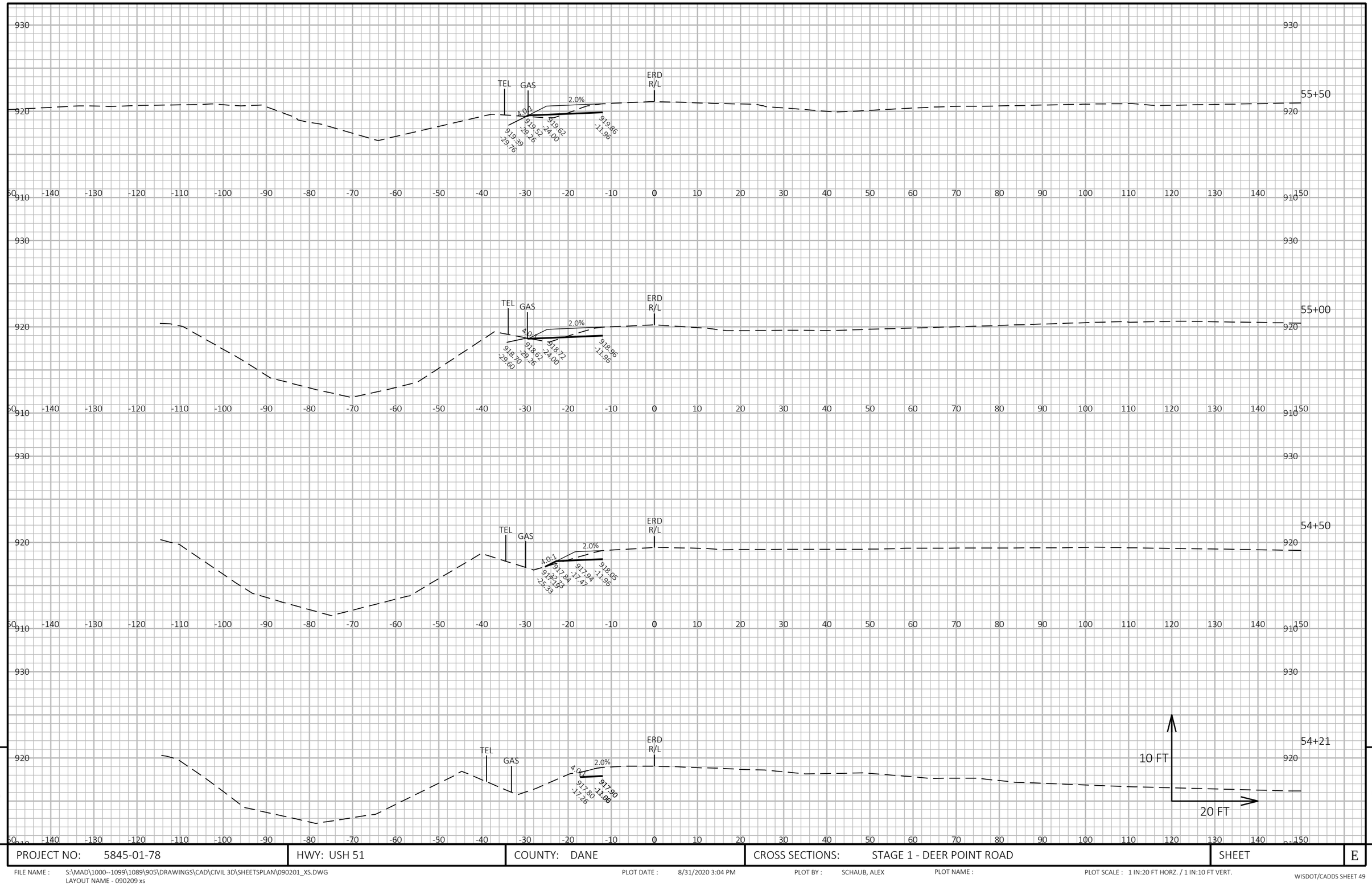
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



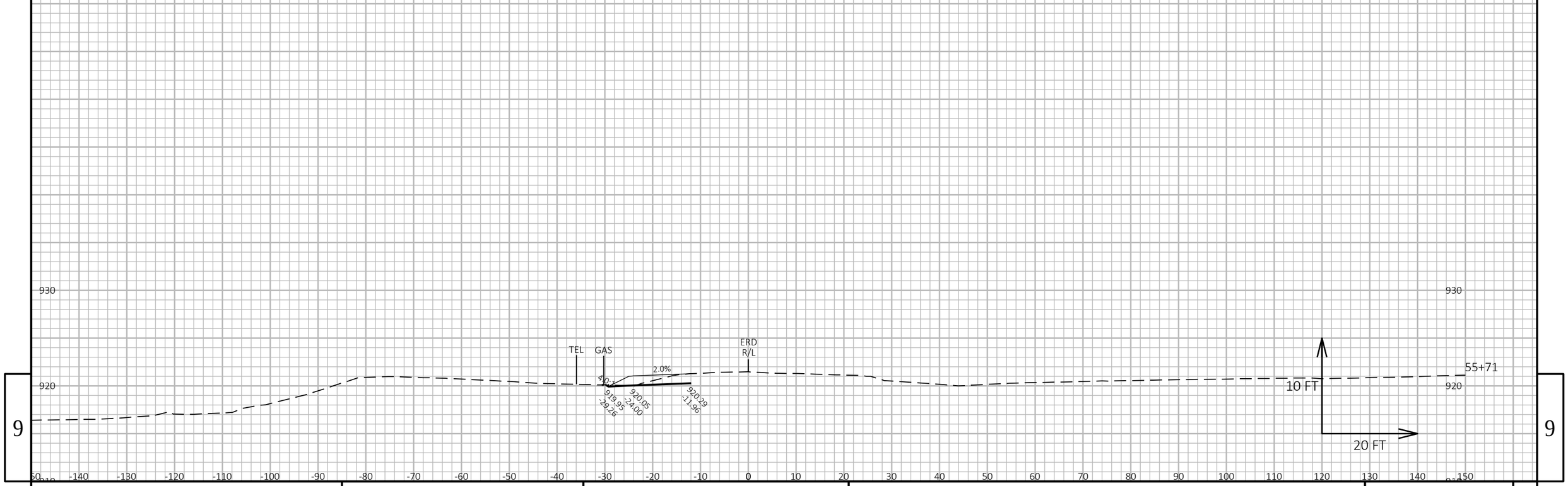
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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1 - DEER POINT ROAD	SHEET	E

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PLOT DATE : 8/31/2020 3:04 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: STAGE 1 - DEER POINT ROAD	SHEET	E

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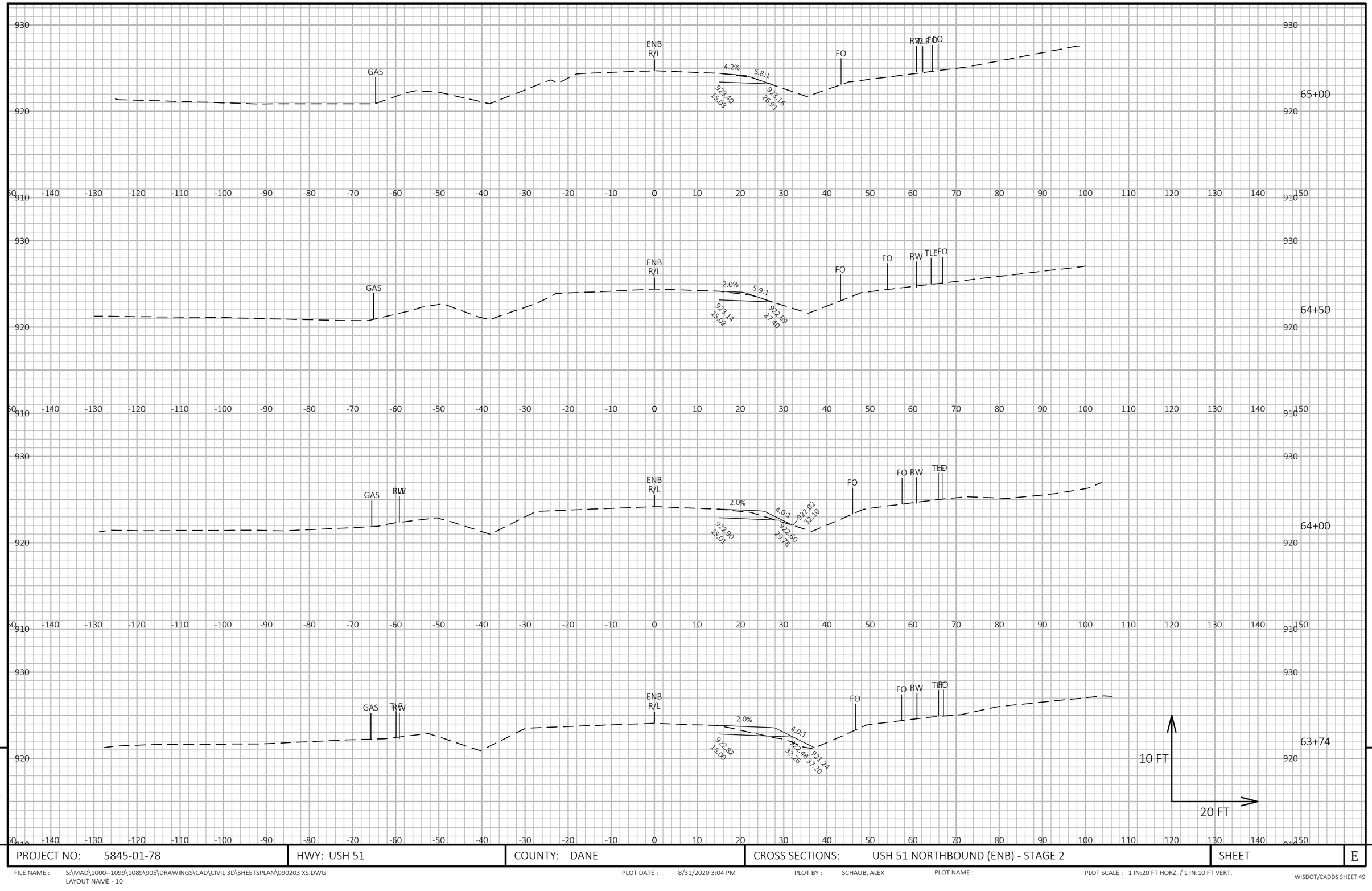
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

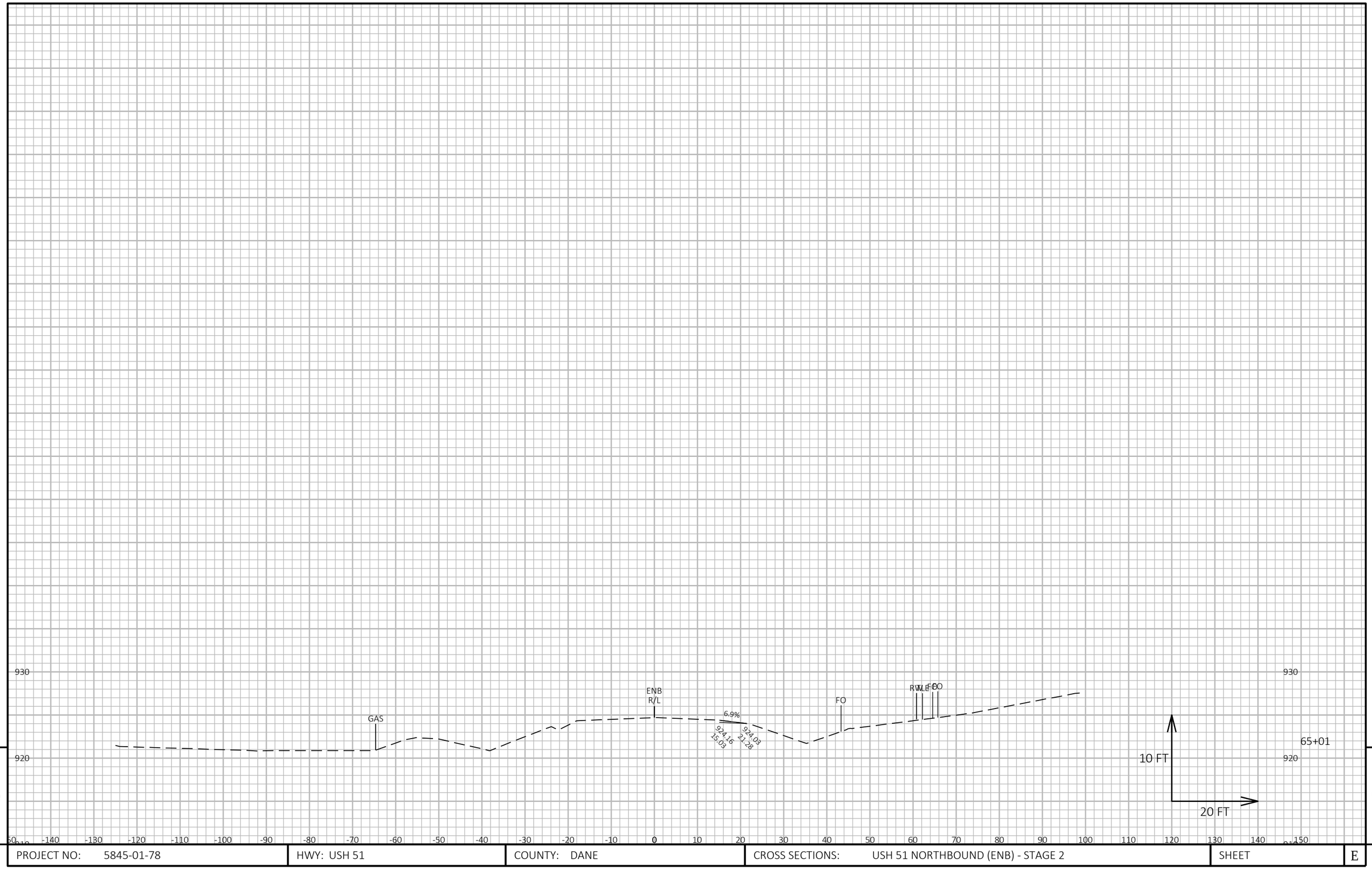
WISDOT/CADDS SHEET 49



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) - STAGE 2	SHEET E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090203 XS.DWG
LAYOUT NAME - 10

PLOT DATE : 8/31/2020 3:04 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



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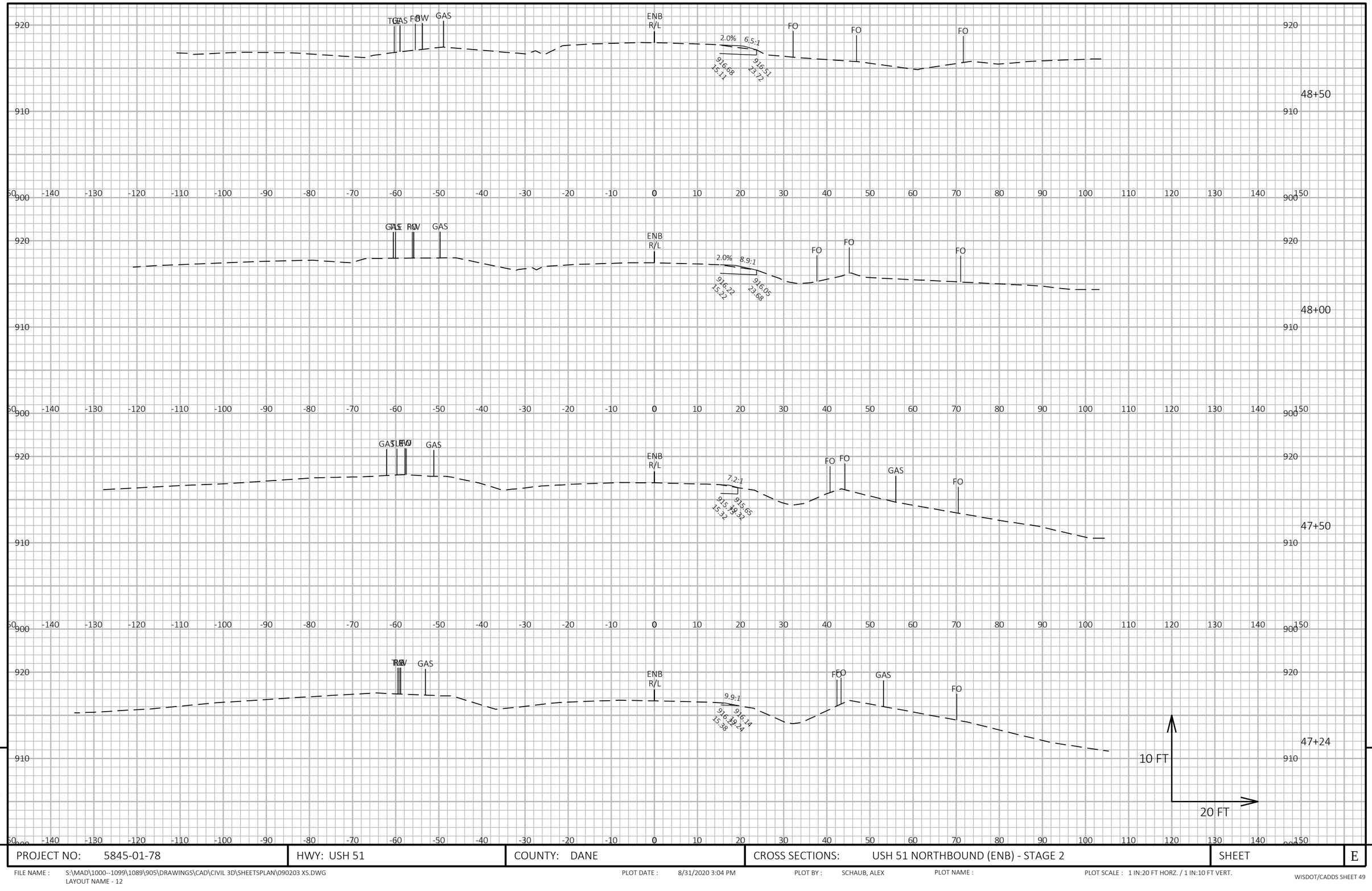
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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090203 XS.DWG
LAYOUT NAME - 11

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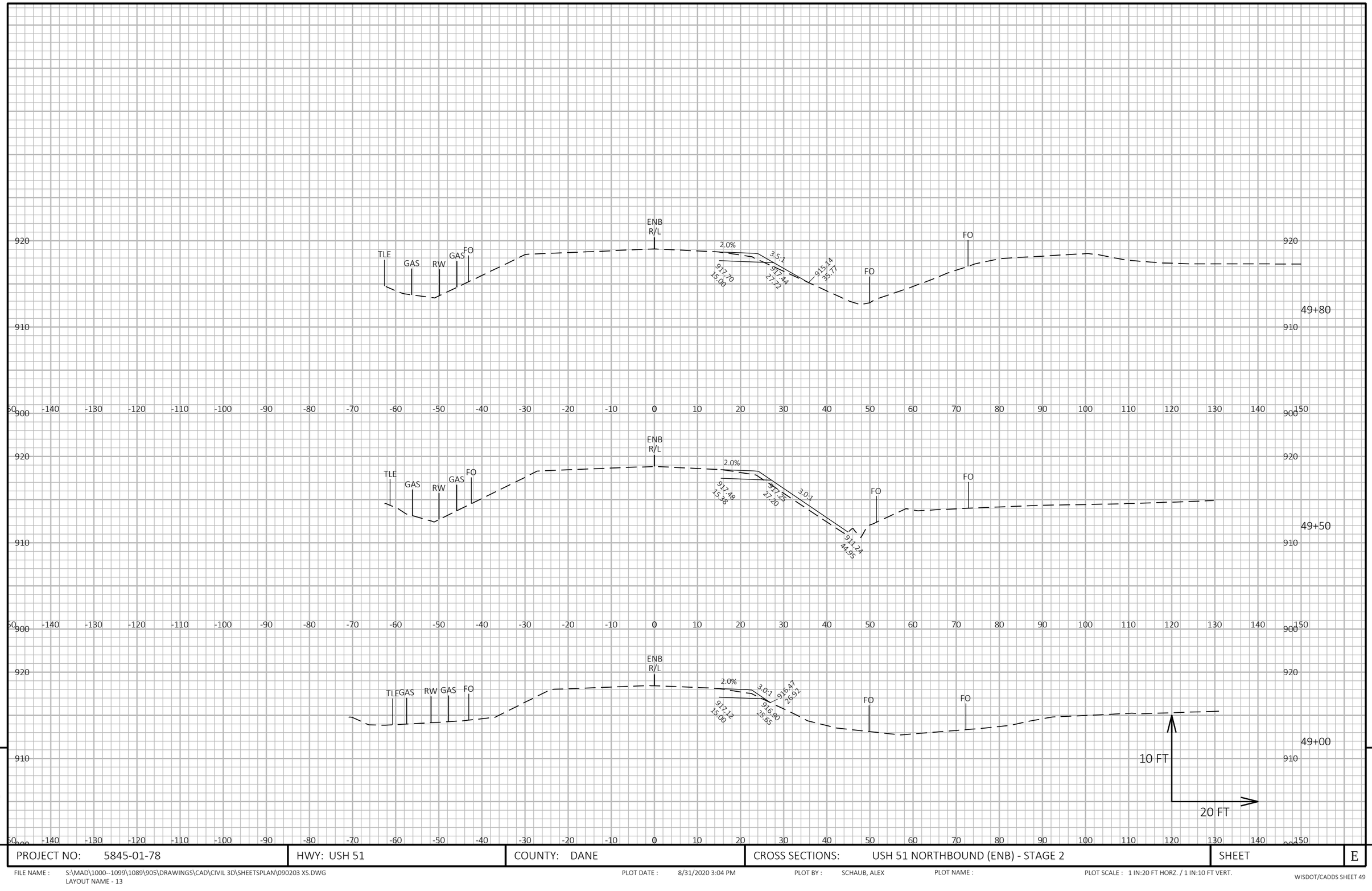
WISDOT/CADDS SHEET 49



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) - STAGE 2	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090203 XS.DWG
LAYOUT NAME - 12

PLOT DATE : 8/31/2020 3:04 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) - STAGE 2	SHEET E

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LAYOUT NAME - 13

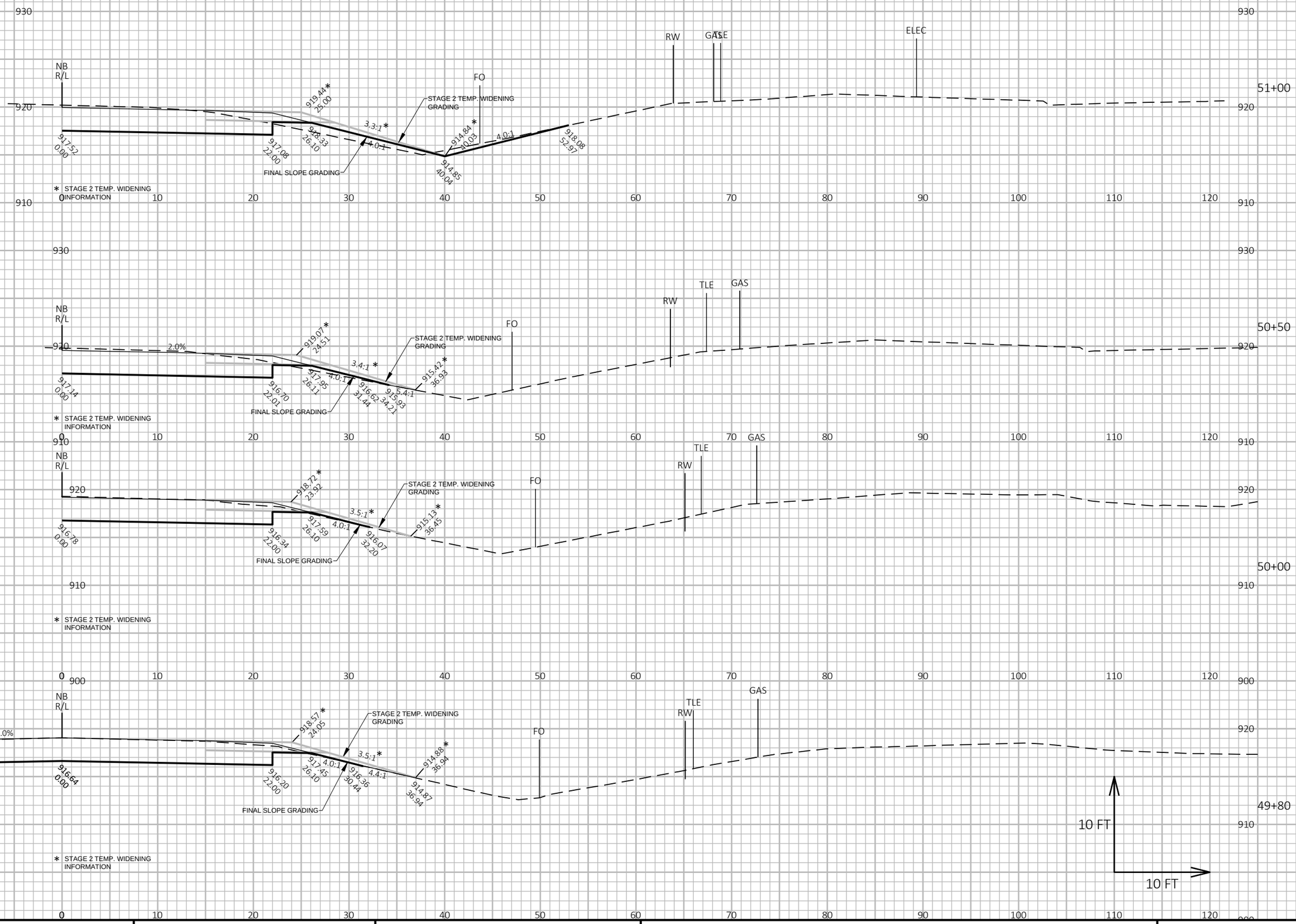
PLOT DATE : 8/31/2020 3:04 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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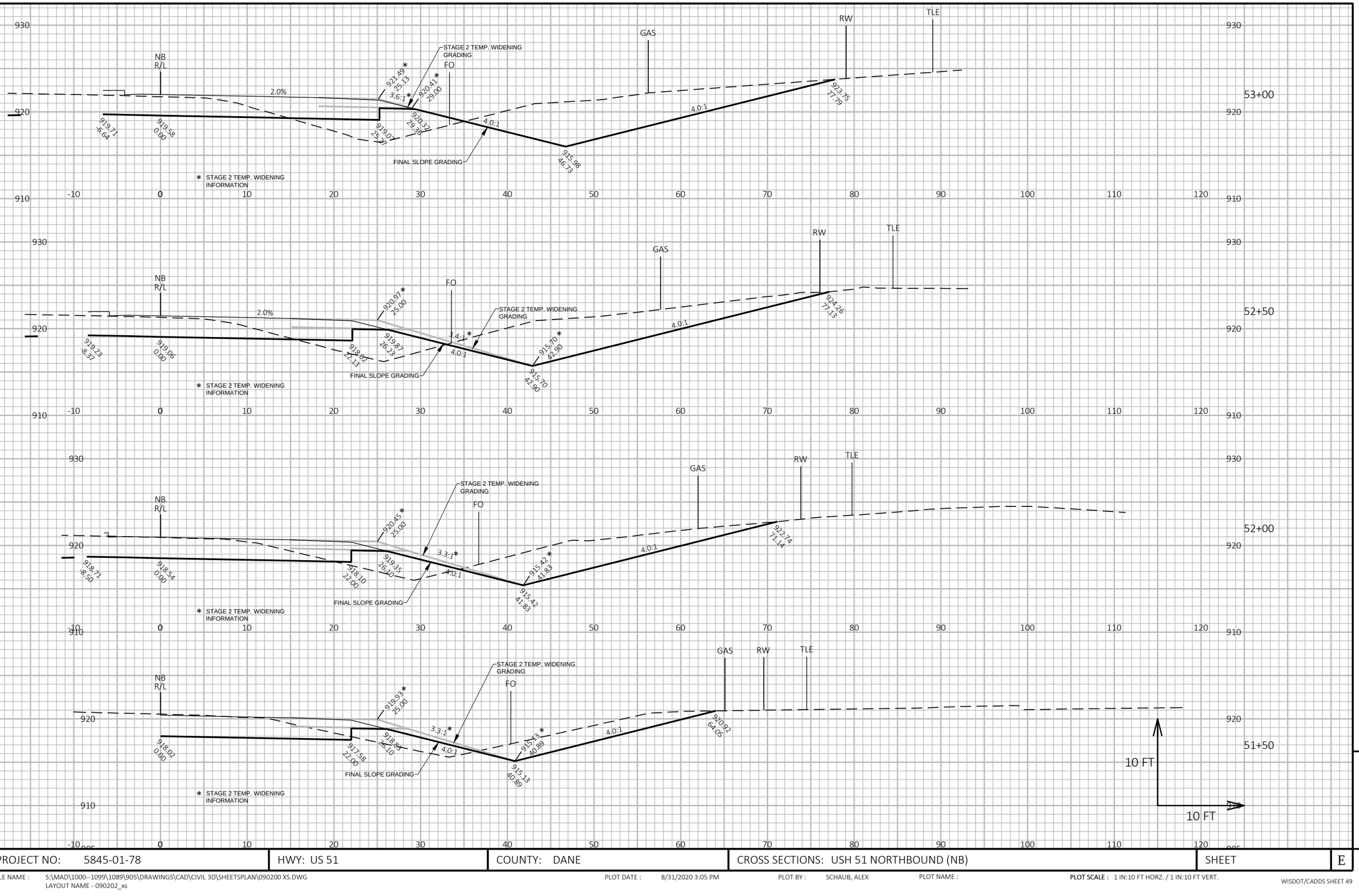
PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (NB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090201_xs

PLOT DATE : 8/31/2020 3:05 PM PLOT BY : SCHAUB, ALEX PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

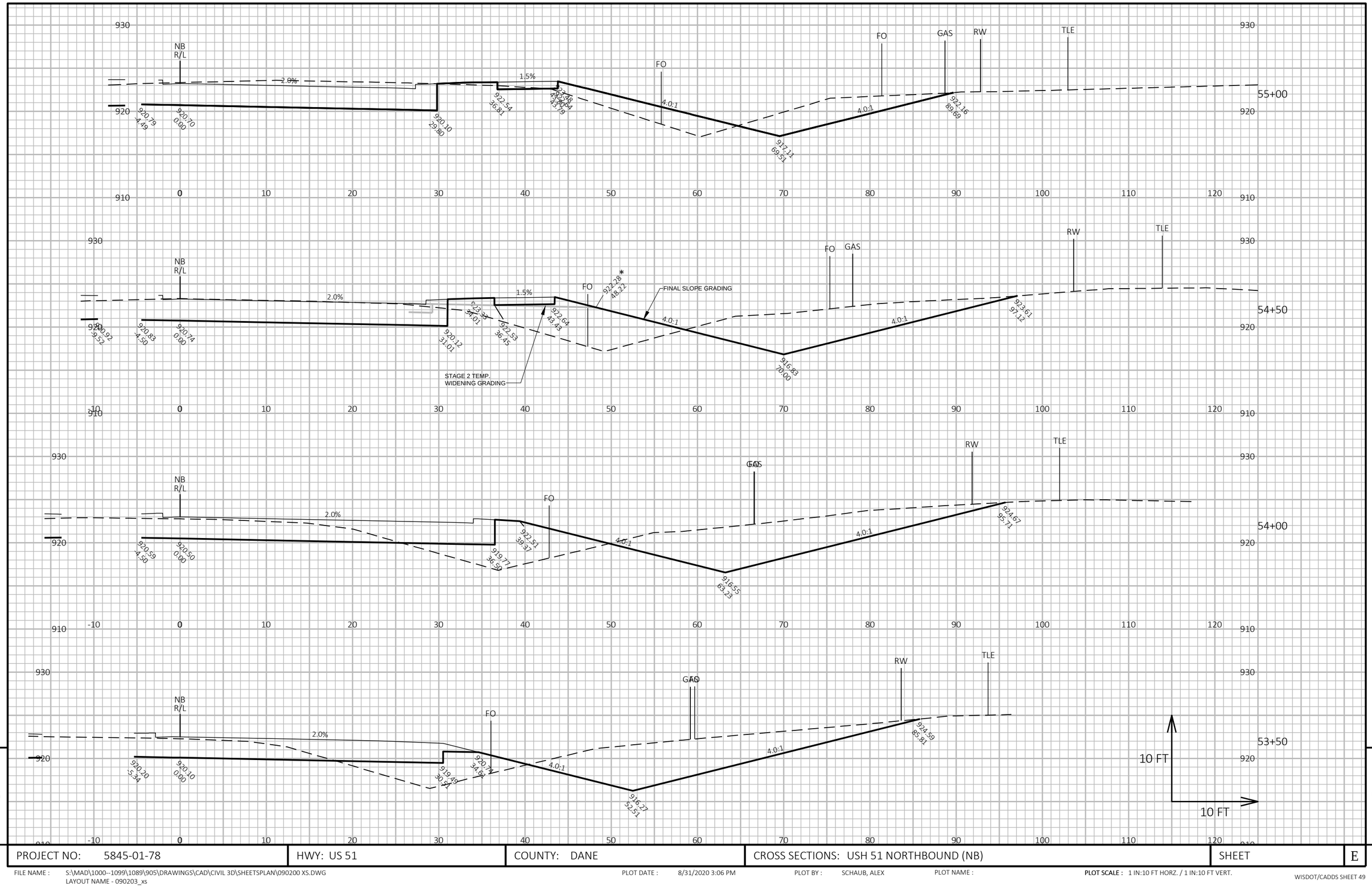


PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (NB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090202_xs

PLOT DATE : 8/31/2020 3:05 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

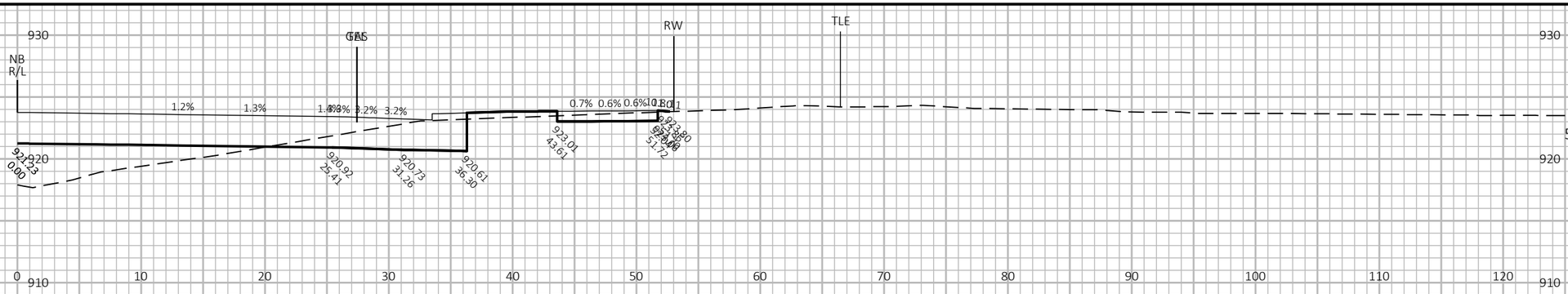


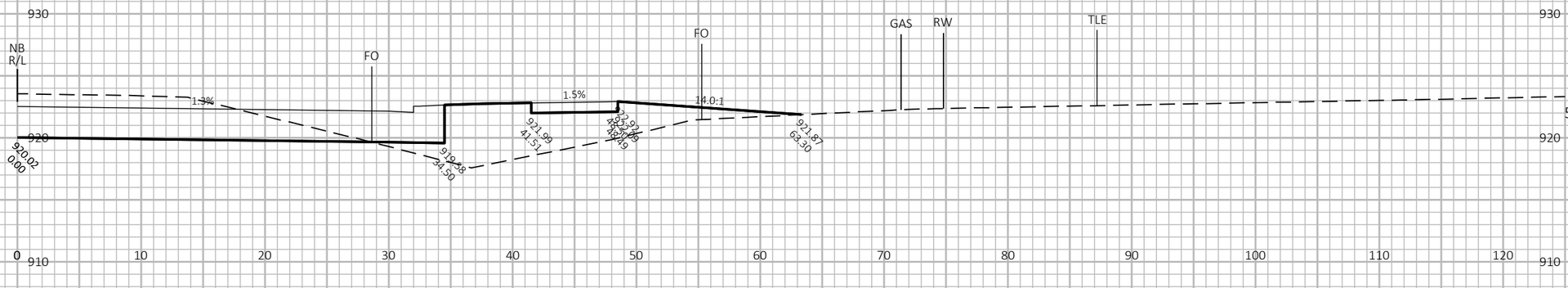
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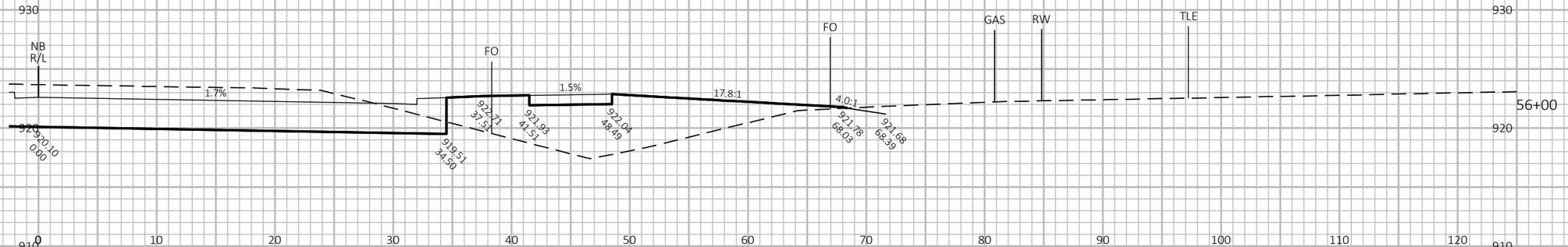
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LAYOUT NAME - 090203_xs

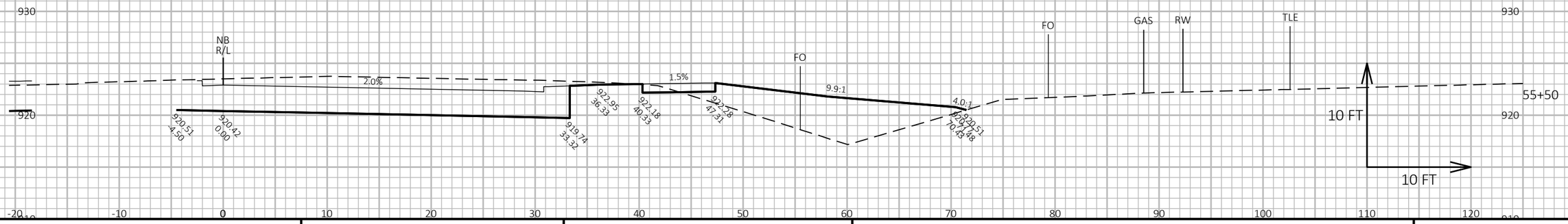
PLOT DATE : 8/31/2020 3:06 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (NB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090204_xs

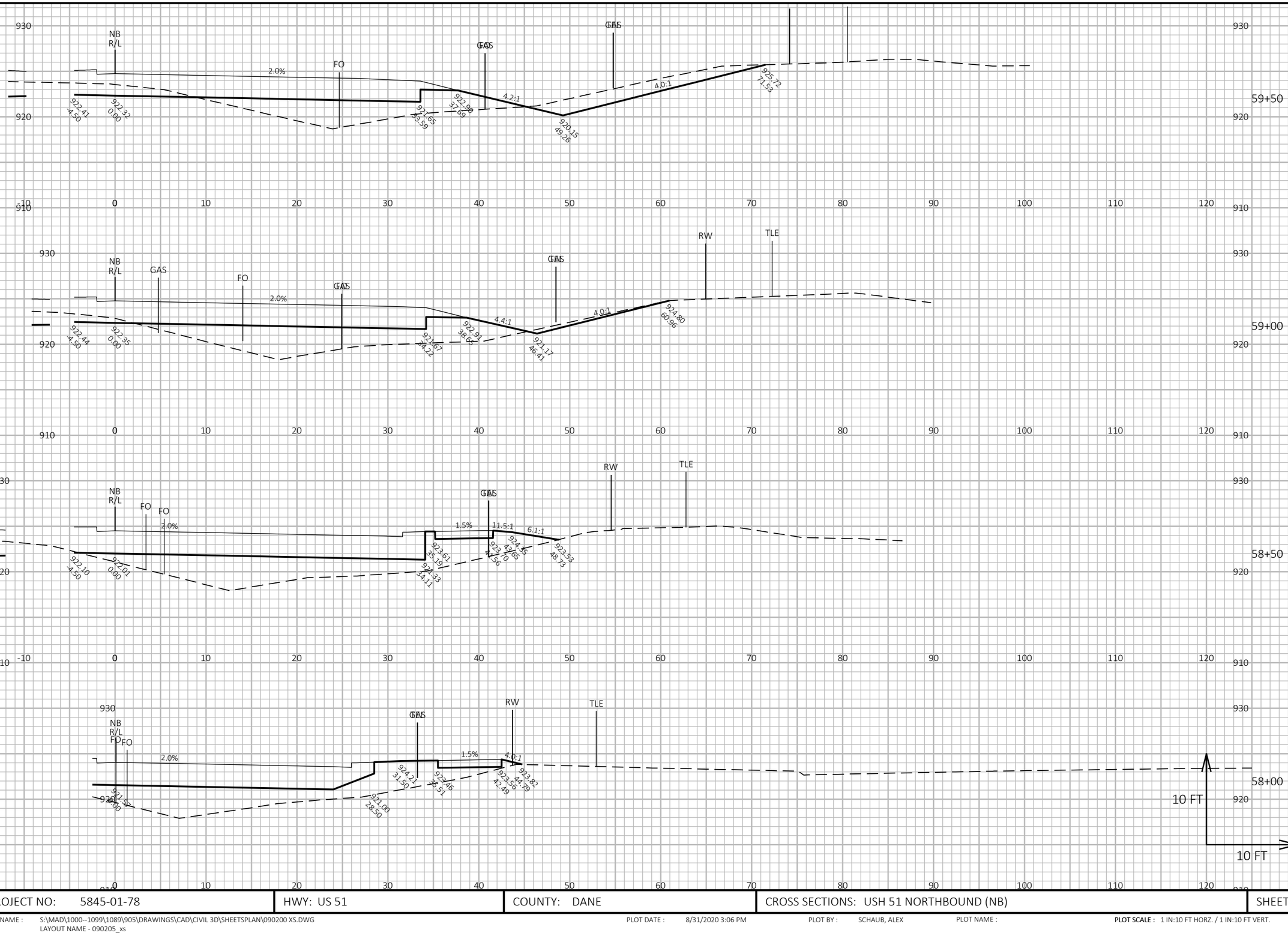
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (NB)	SHEET	E

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LAYOUT NAME - 090205_xs

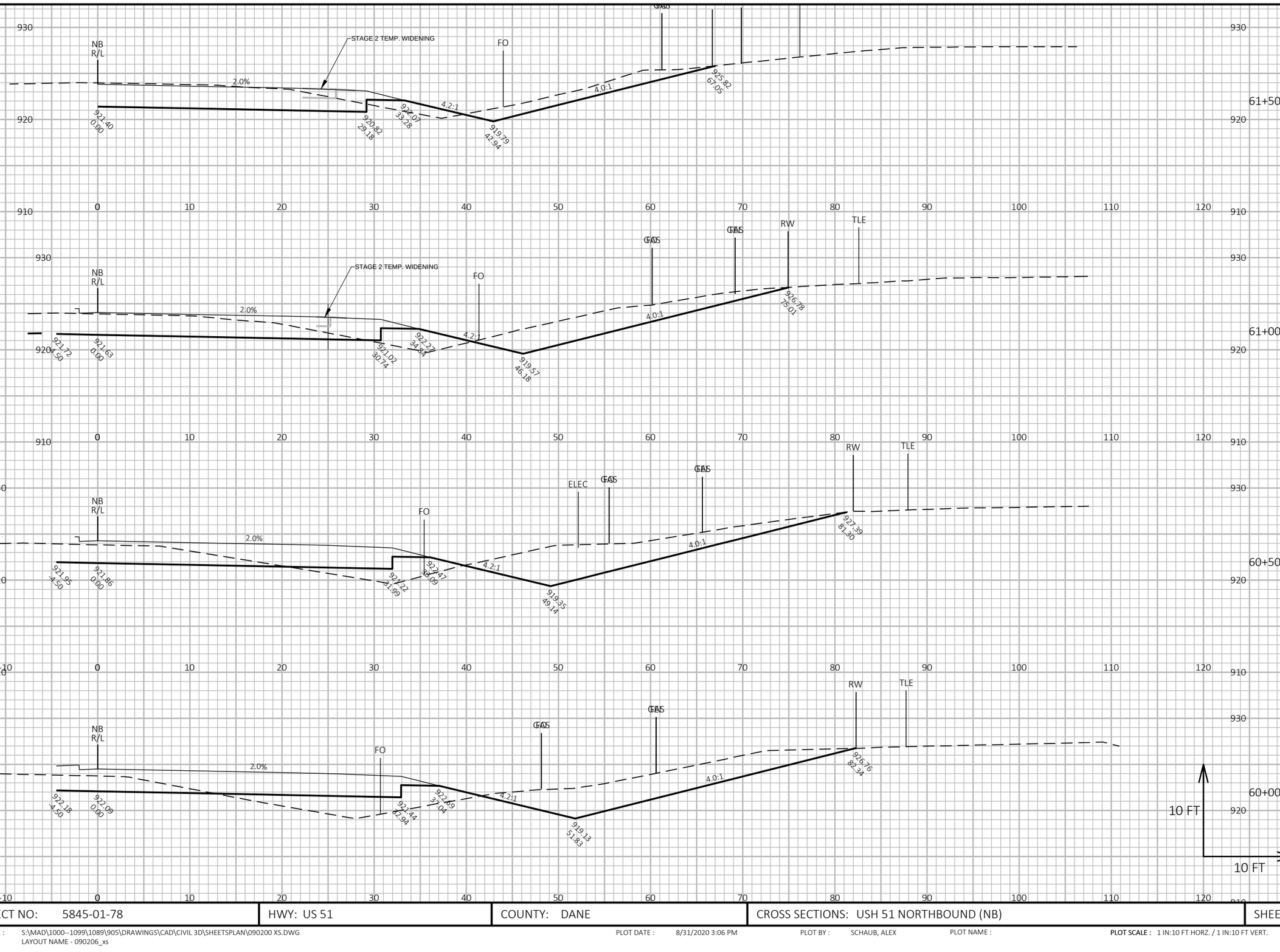
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PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



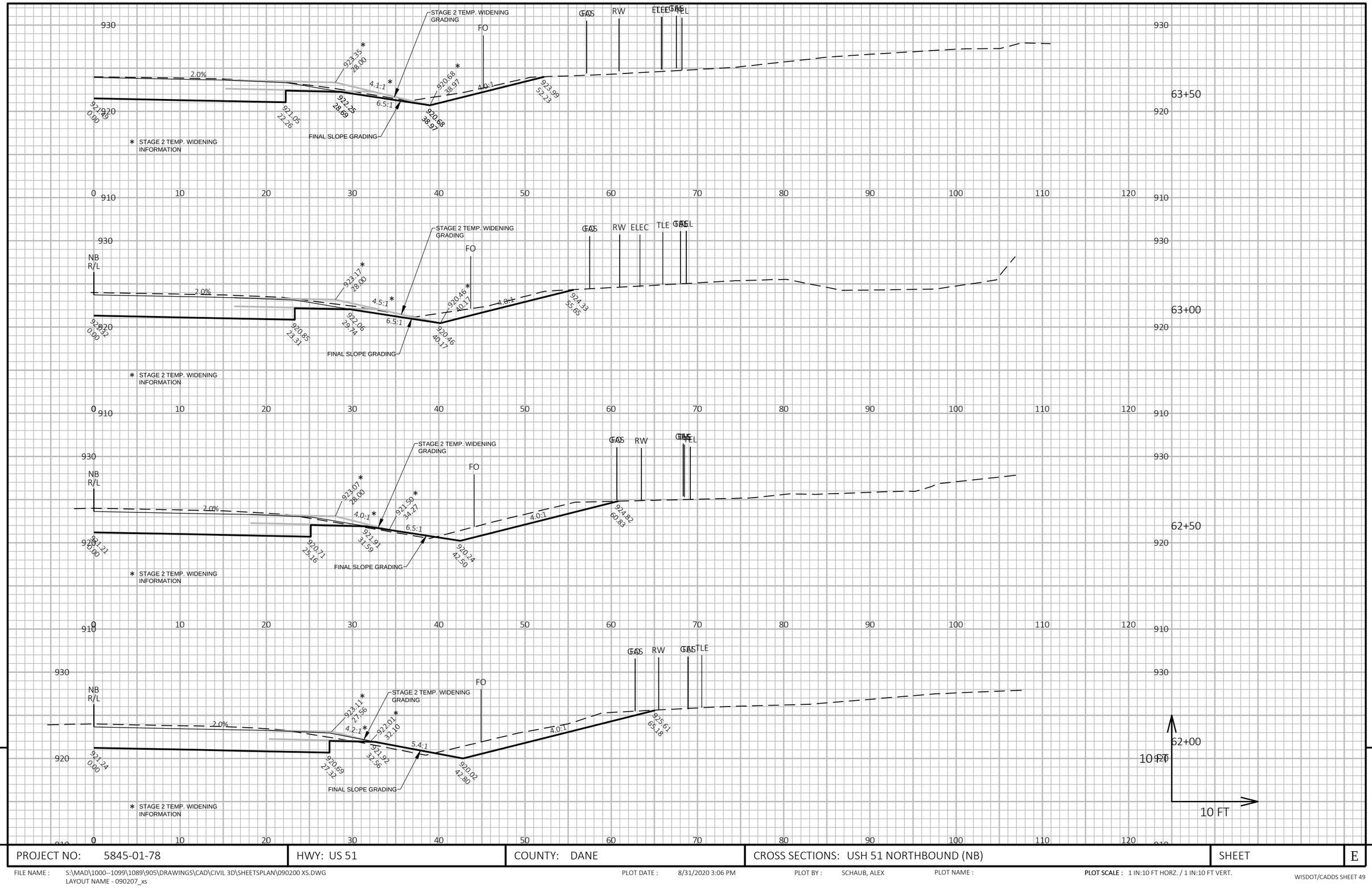
PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (NB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090206_xs

PLOT DATE : 8/31/2020 3:06 PM PLOT BY : SCHAUB, ALEX PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

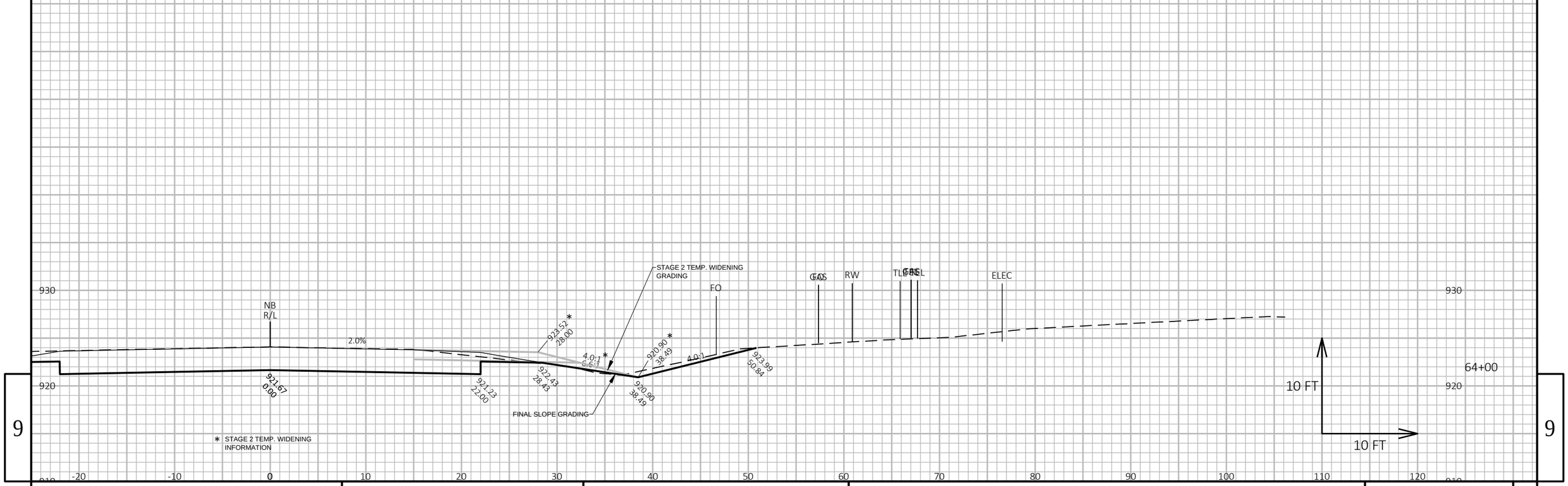
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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (NB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090207_xs

PLOT DATE : 8/31/2020 3:06 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

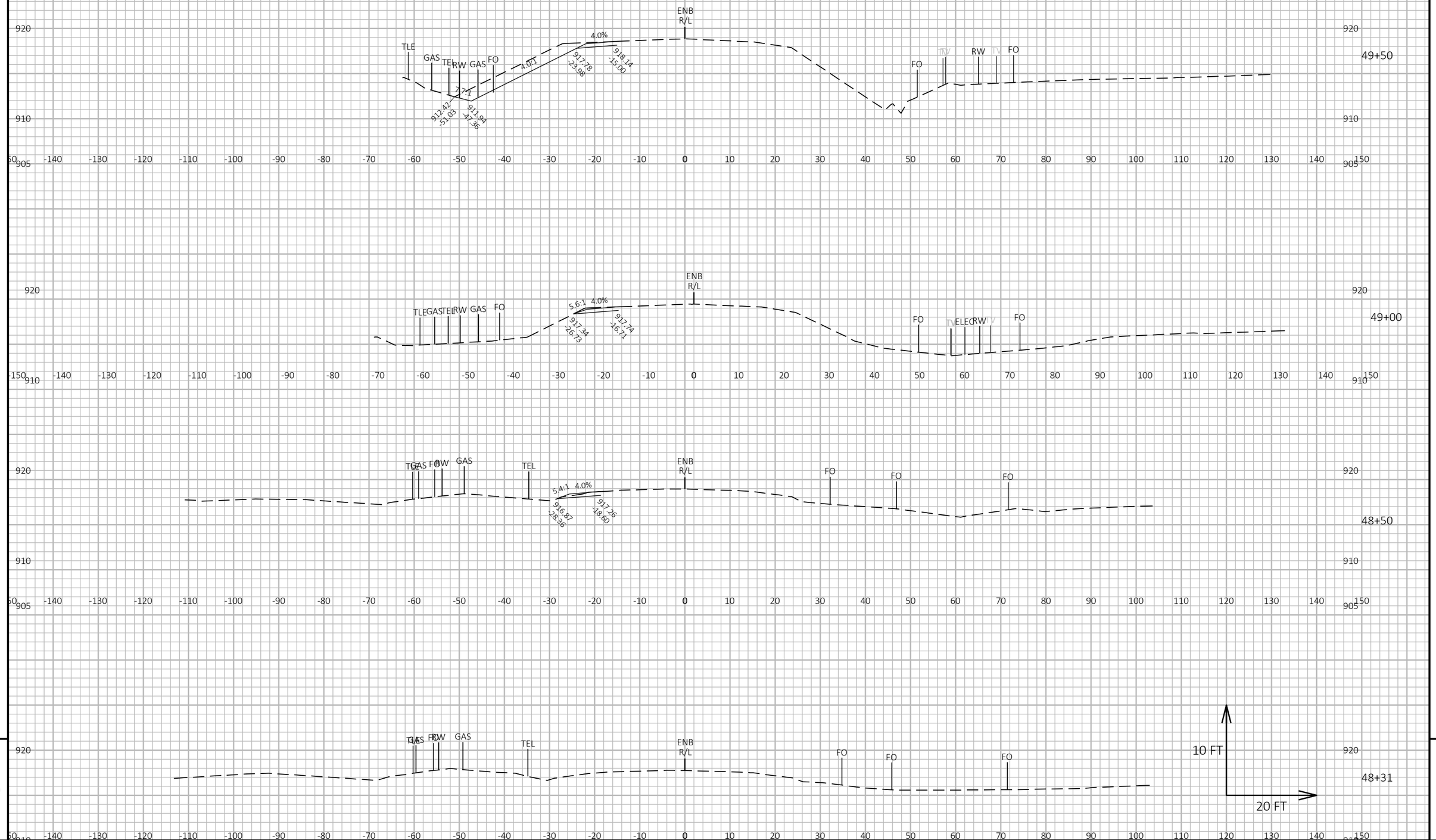


PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (NB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090208_xs

PLOT DATE : 8/31/2020 3:06 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



9

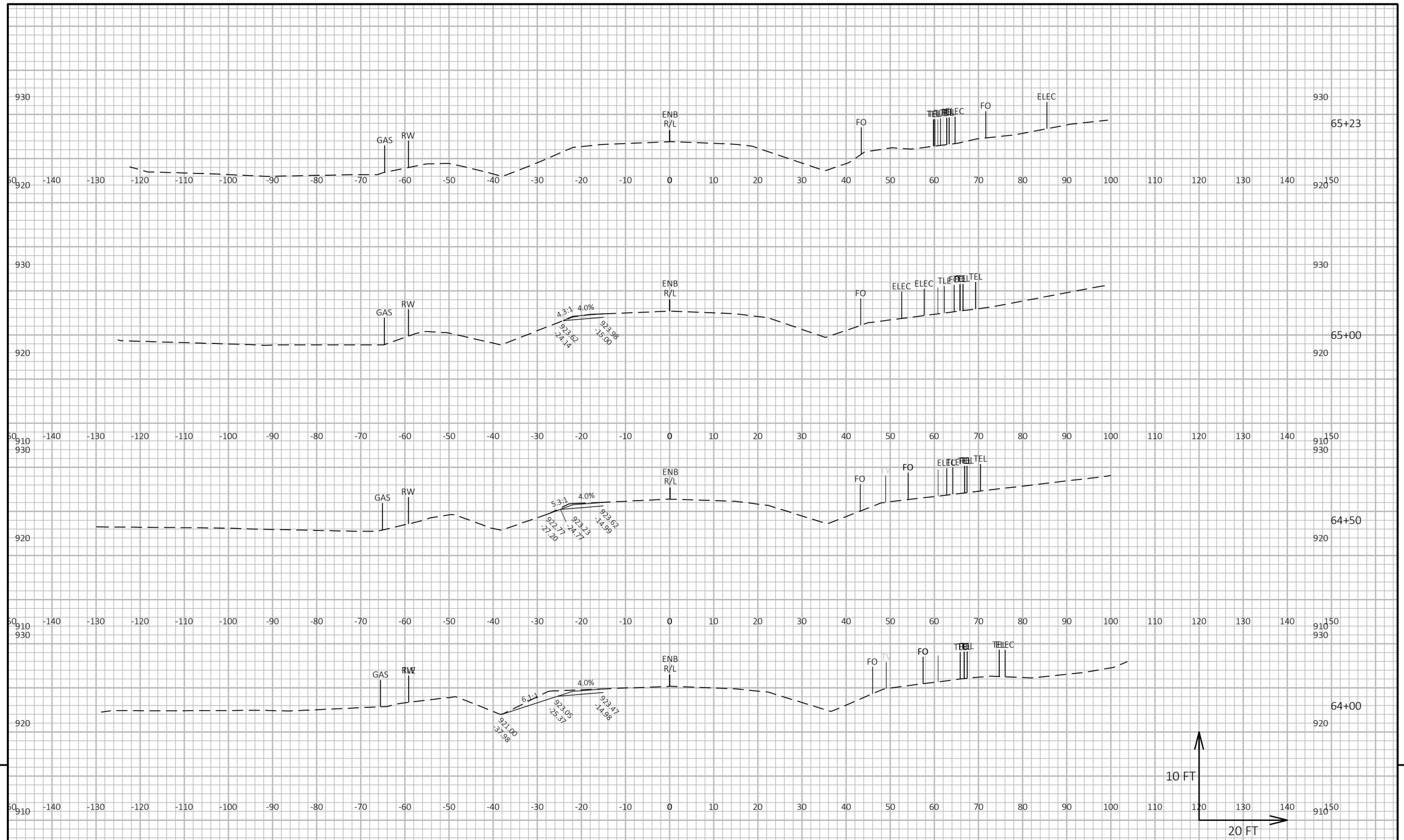
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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (ENB) STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090202A_XS.DWG
LAYOUT NAME - Stage 3a_1

PLOT DATE : 8/31/2020 3:07 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

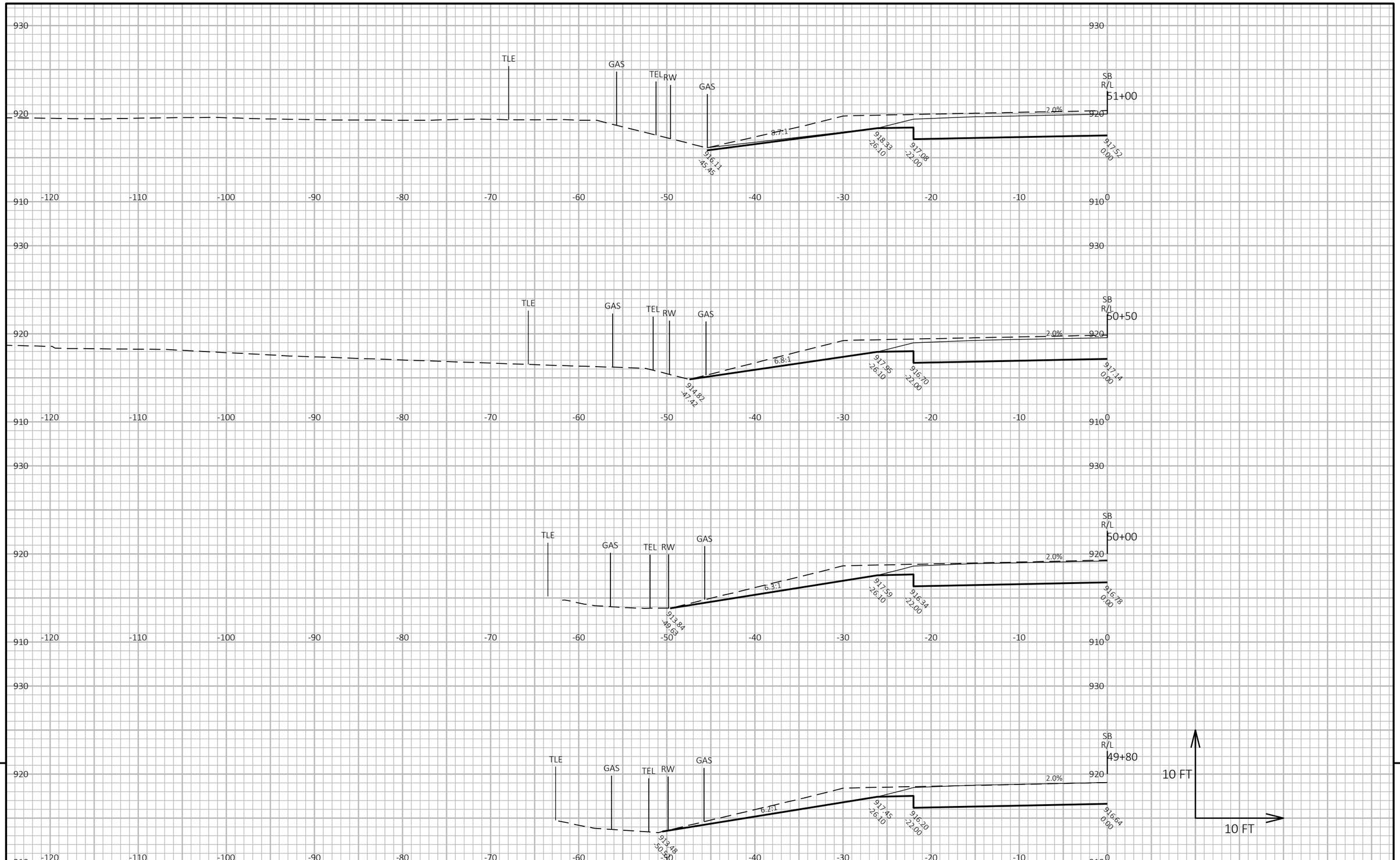


PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (ENB) STAGE 3A	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090202A_XS.DWG
LAYOUT NAME - Stage 3a_2

PLOT DATE : 8/31/2020 3:07 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



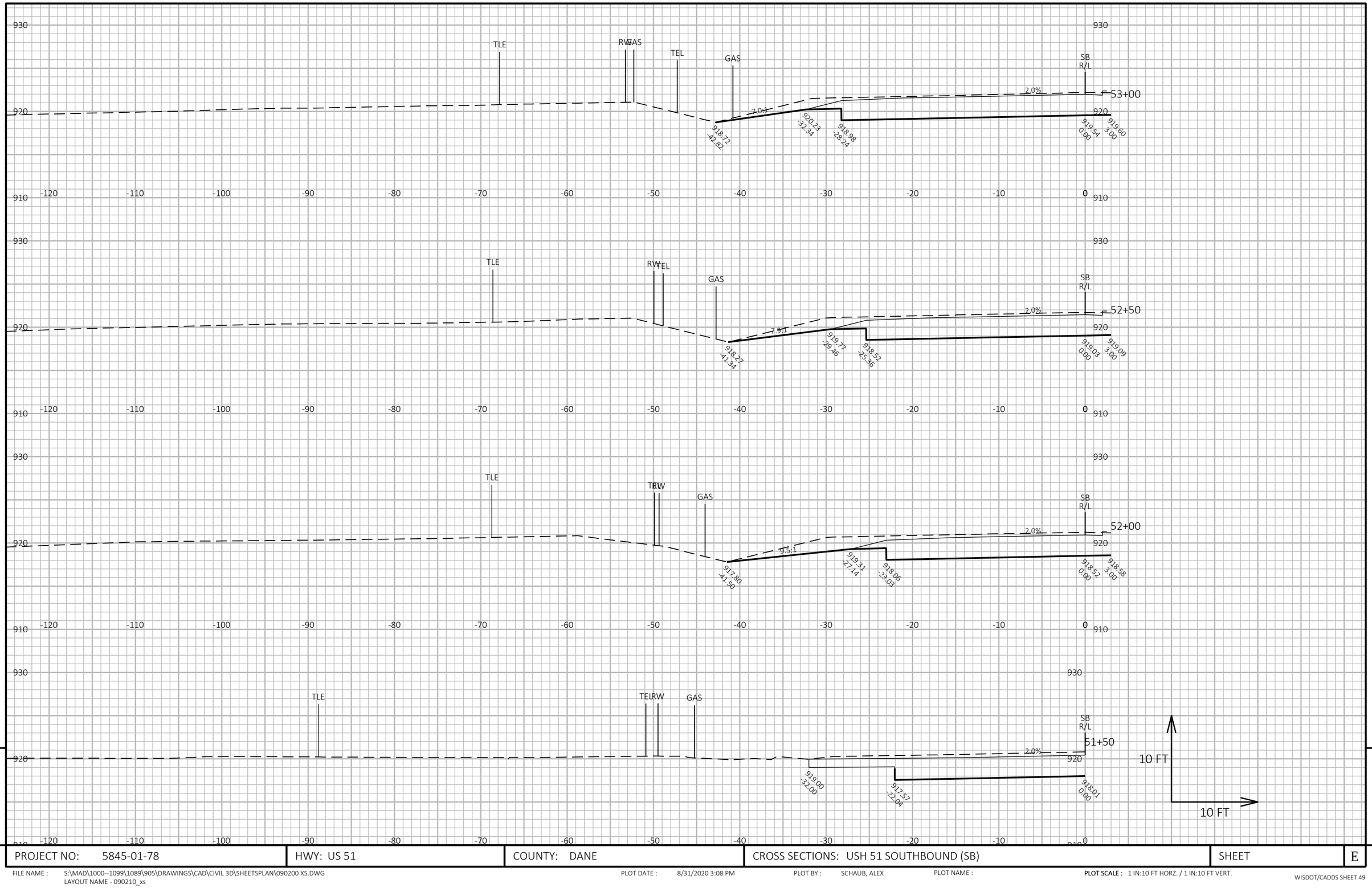
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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (SB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090209_xs

PLOT DATE : 8/31/2020 3:08 PM PLOT BY : SCHAUB, ALEX PLOT NAME : **PLOT SCALE :** 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



9

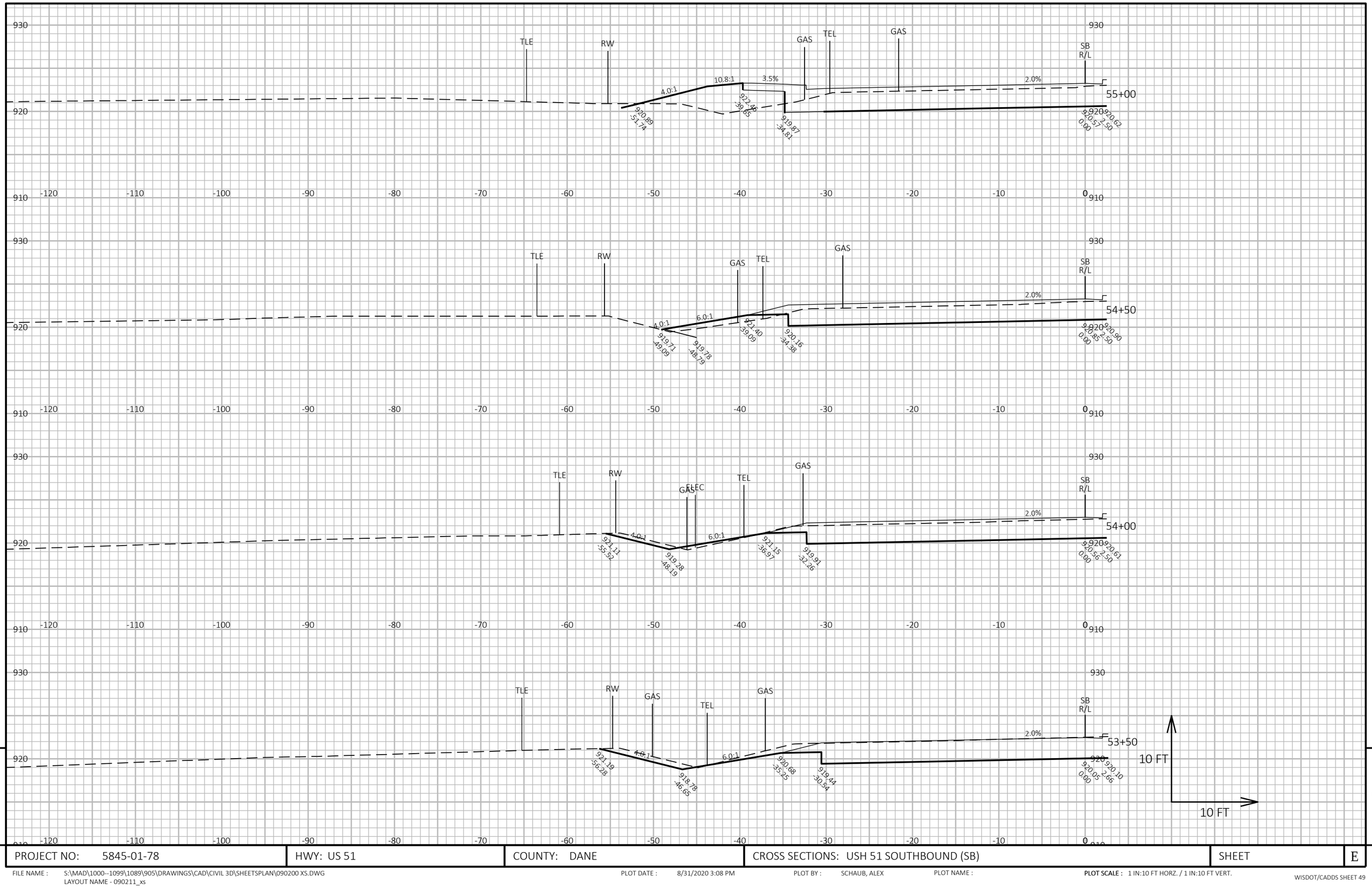
PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (SB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090210_xs

PLOT DATE : 8/31/2020 3:08 PM PLOT BY : SCHAUB, ALEX PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (SB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090211_xs

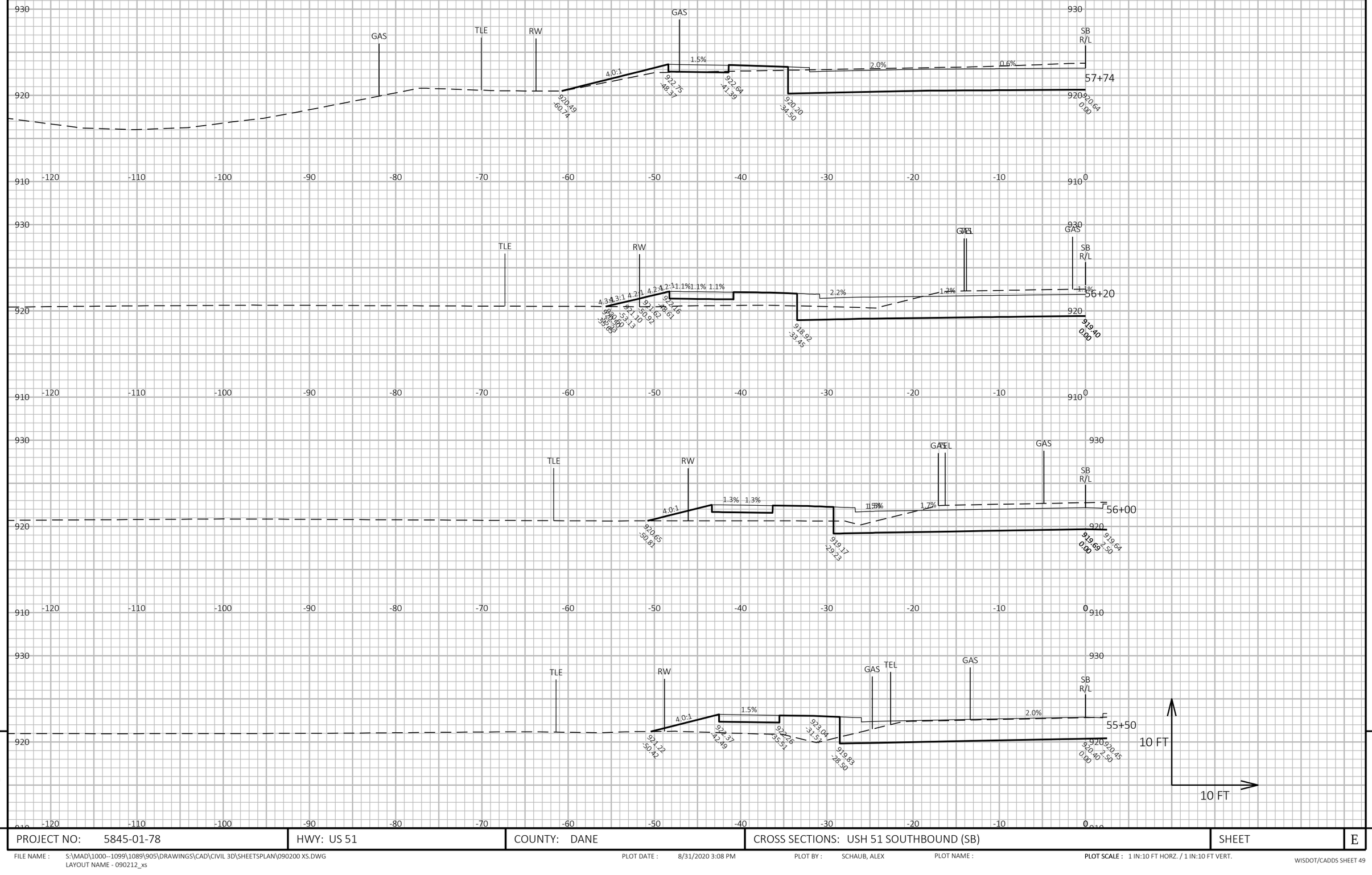
PLOT DATE : 8/31/2020 3:08 PM

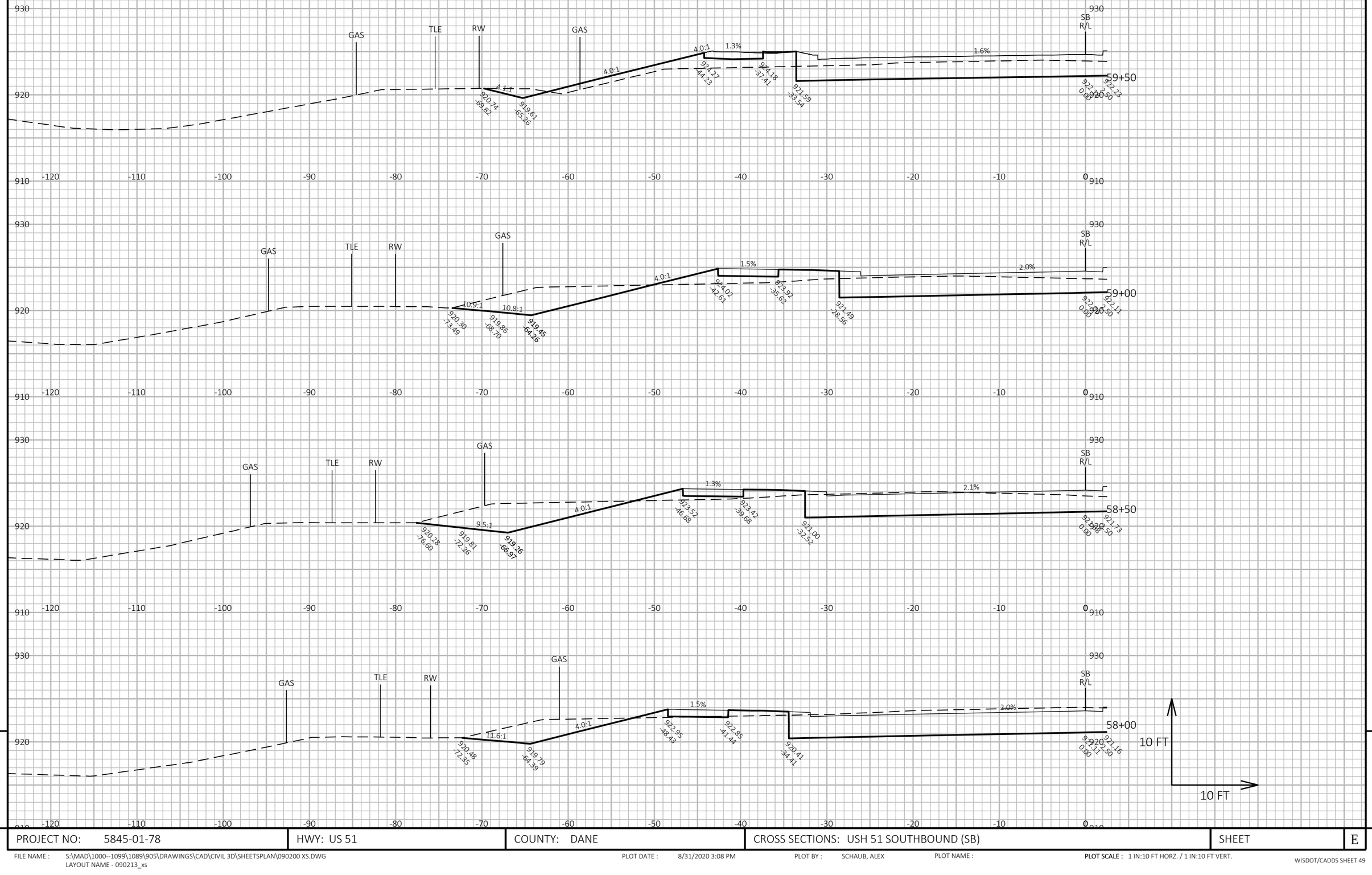
PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49


930
920
910
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
0
GAS
TLE
RW
SB
R/L
4.0:1
1.5%
2.0%
0.6%
920.49
-60.74
922.75
-48.37
922.64
-41.39
920.20
-34.50
920.64
0.00
57+74
TLE
RW
GAS
GAS
SB
R/L
4.3:1
4.2:1
4.2:1
4.2:1
1.1%
1.1%
1.1%
2.2%
1.2%
1.2%
1



9

9

PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (SB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090213_xs

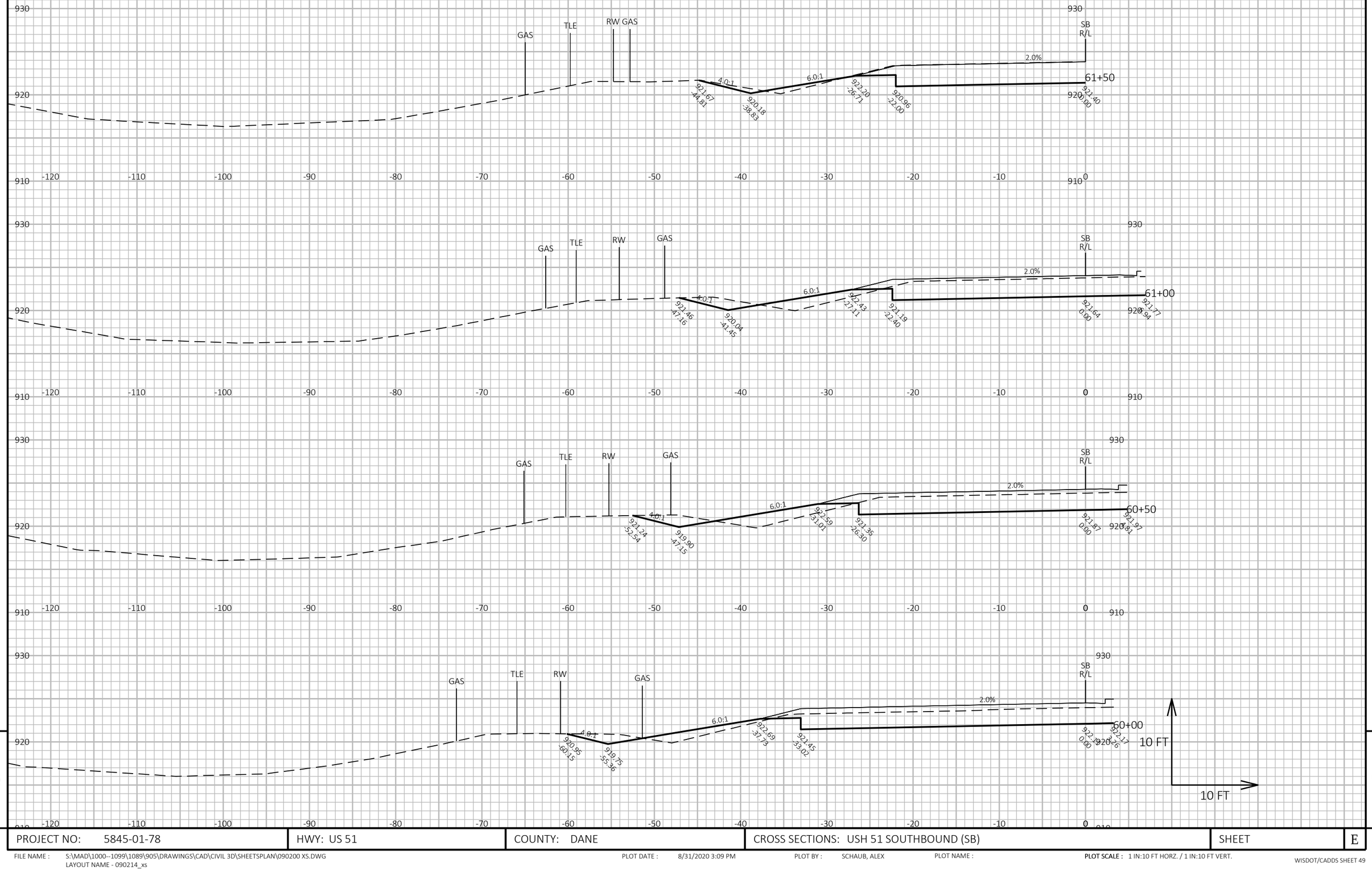
PLOT DATE : 8/31/2020 3:08 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (SB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090214_xs

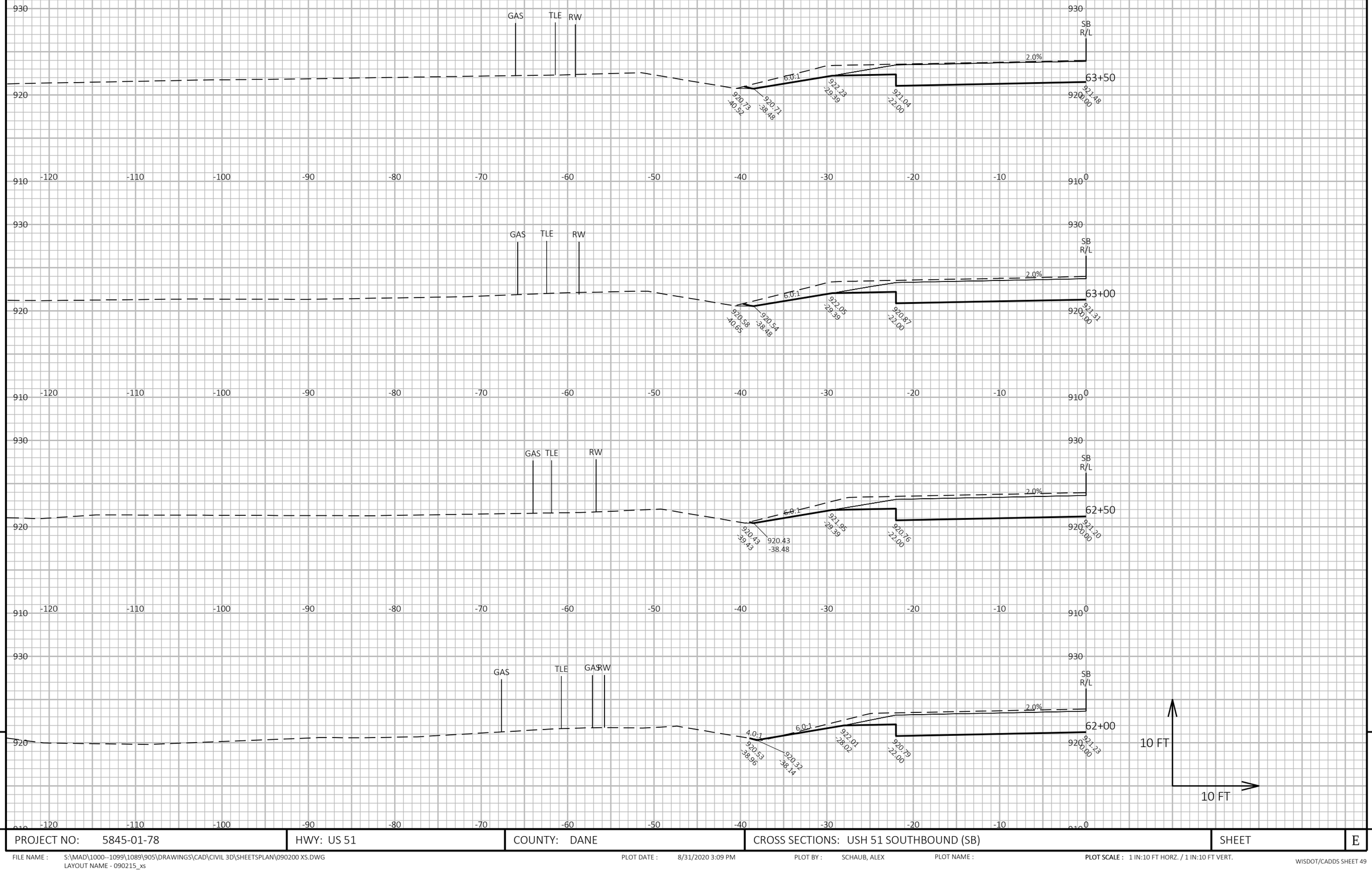
PLOT DATE : 8/31/2020 3:09 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

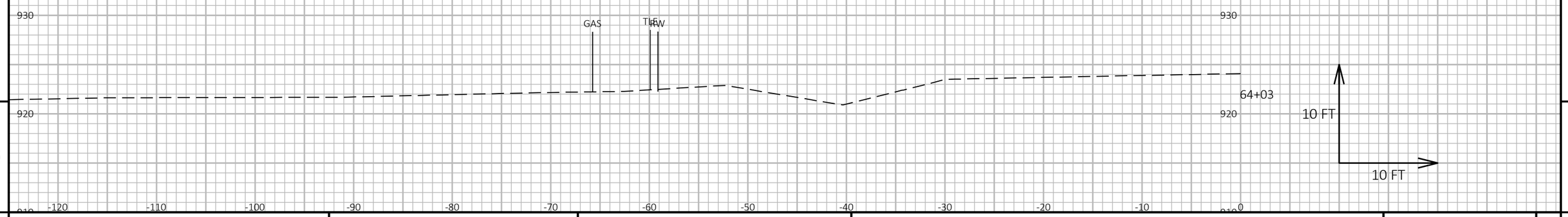


PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (SB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090215_xs

PLOT DATE : 8/31/2020 3:09 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



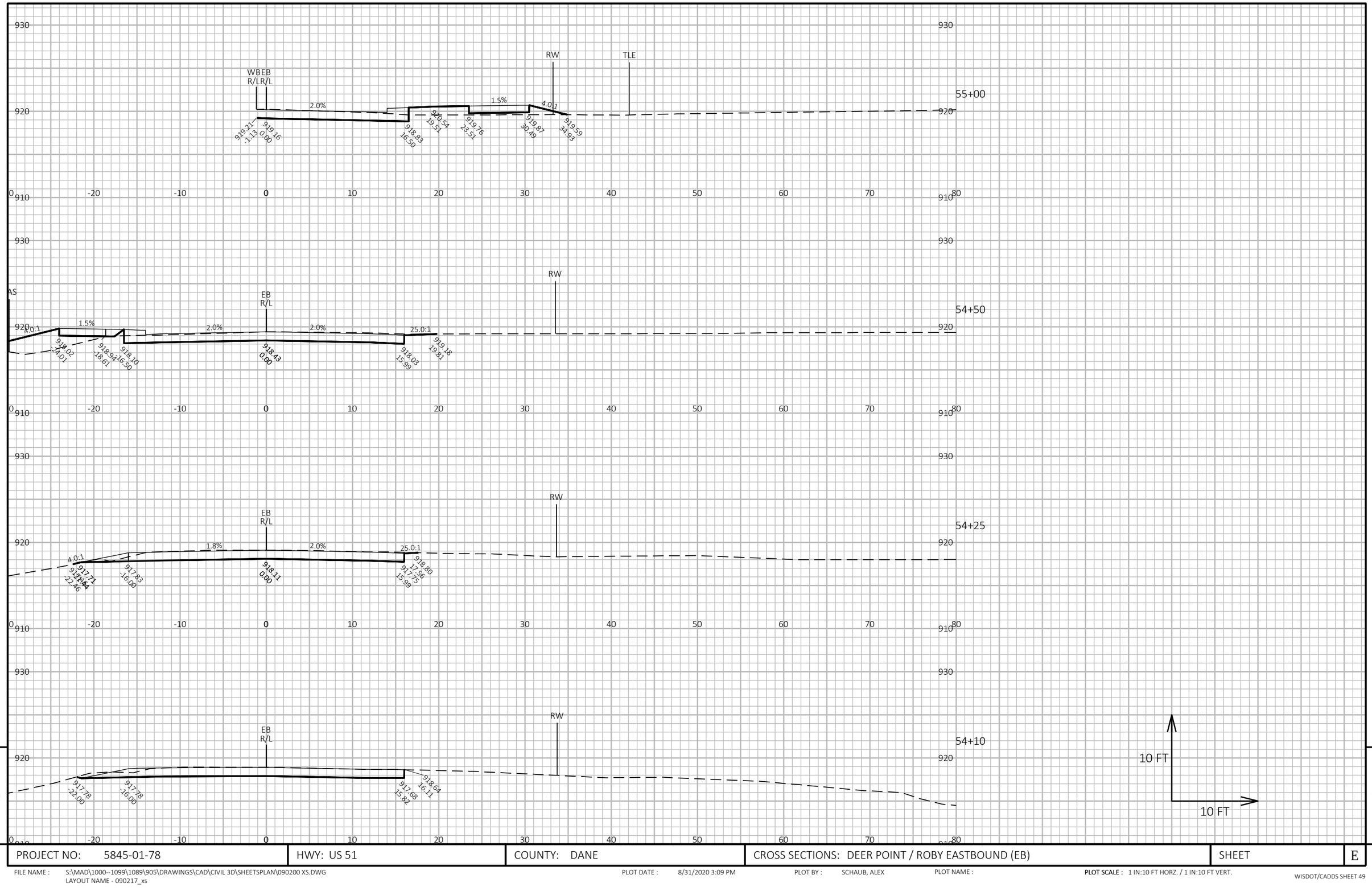
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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: USH 51 SOUTHBOUND (SB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090216_xs

PLOT DATE : 8/31/2020 3:09 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

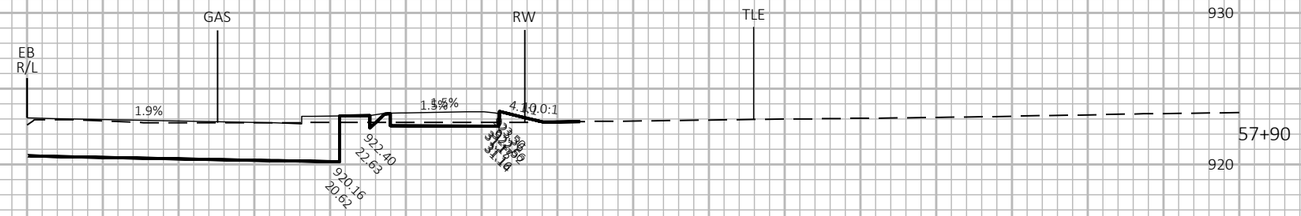


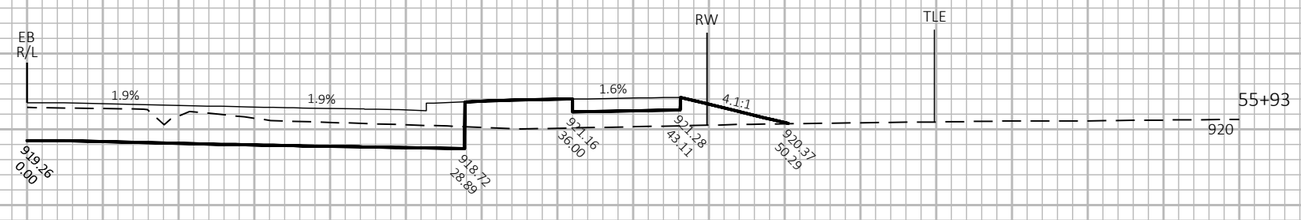
PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: DEER POINT / ROBY EASTBOUND (EB)	SHEET	E

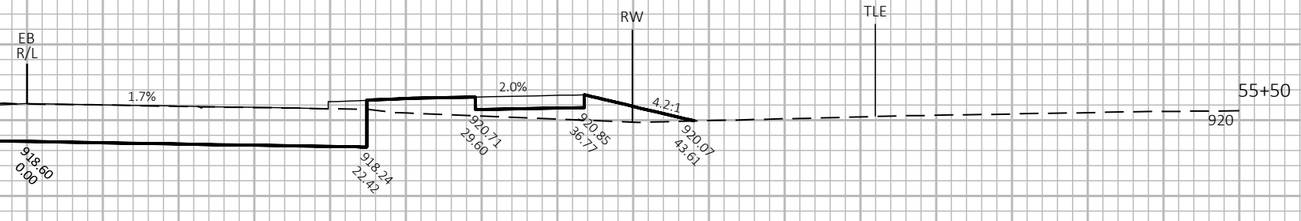
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LAYOUT NAME - 090217_xs

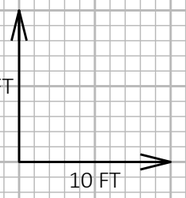
PLOT DATE : 8/31/2020 3:09 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.







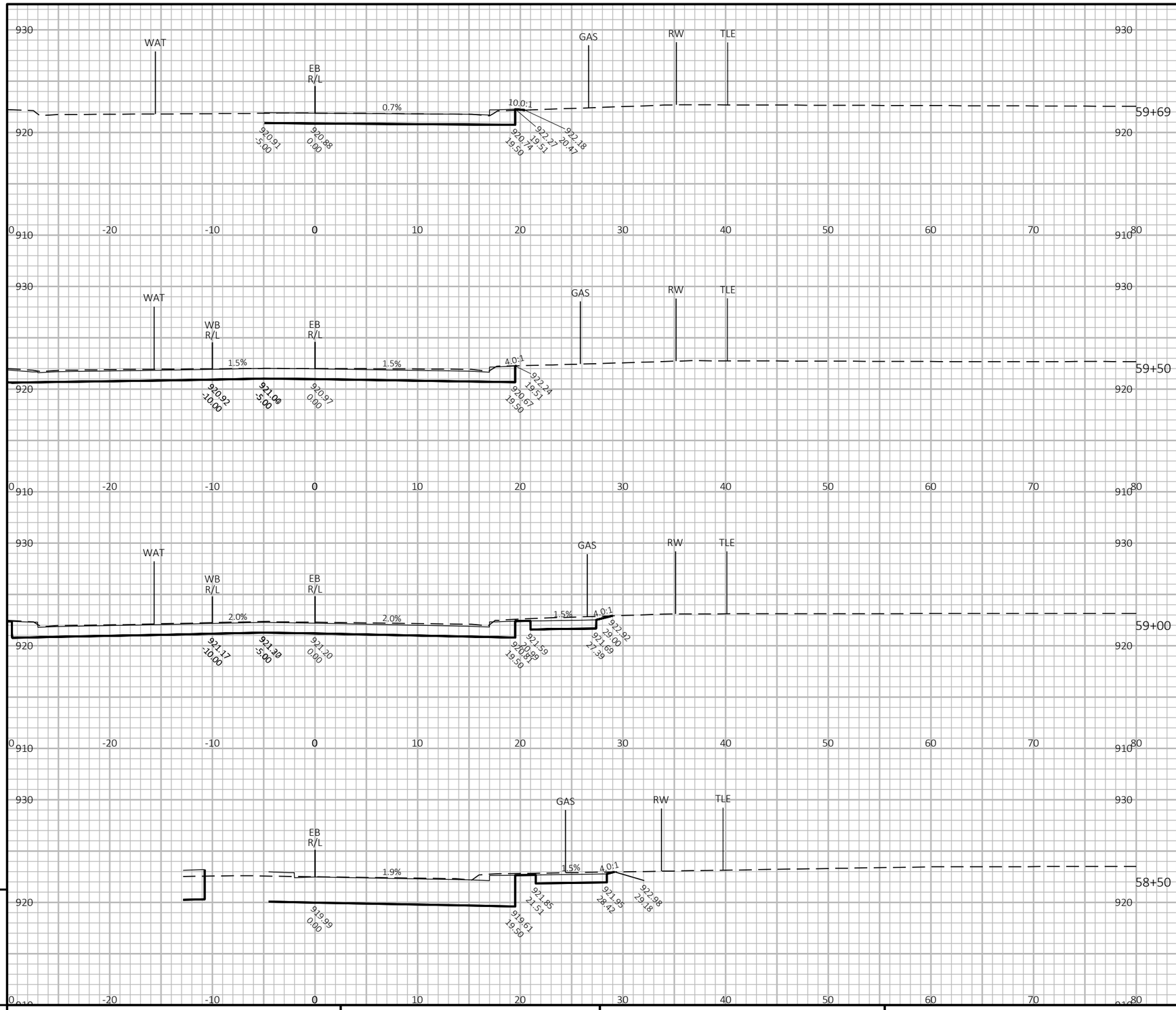




PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: DEER POINT / ROBY EASTBOUND (EB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090218_xs

PLOT DATE : 8/31/2020 3:09 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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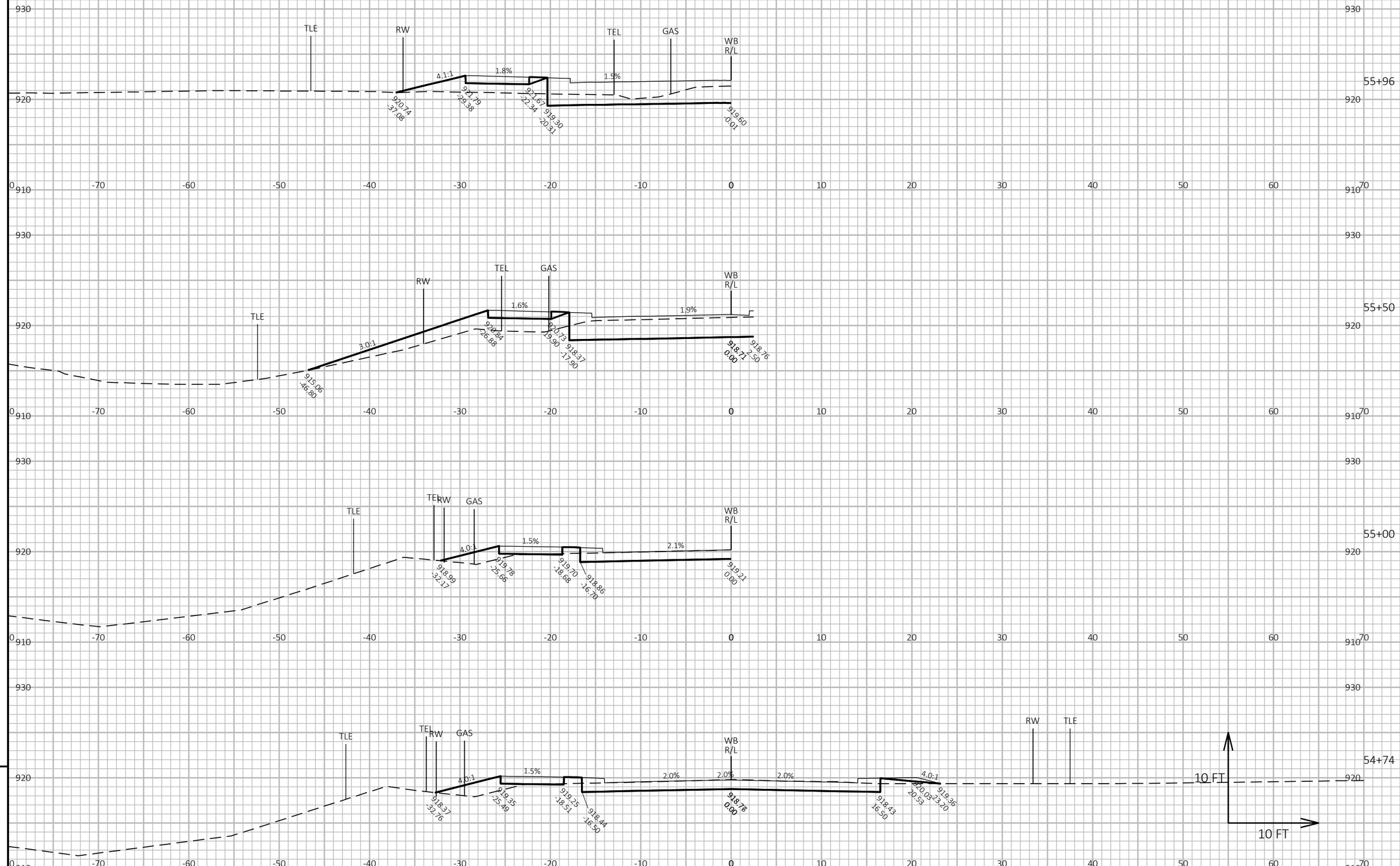
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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: DEER POINT / ROBY EASTBOUND (EB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090219_xs

PLOT DATE : 8/31/2020 3:09 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: DEER POINT / ROBY WESTBOUND (WB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090220_xs

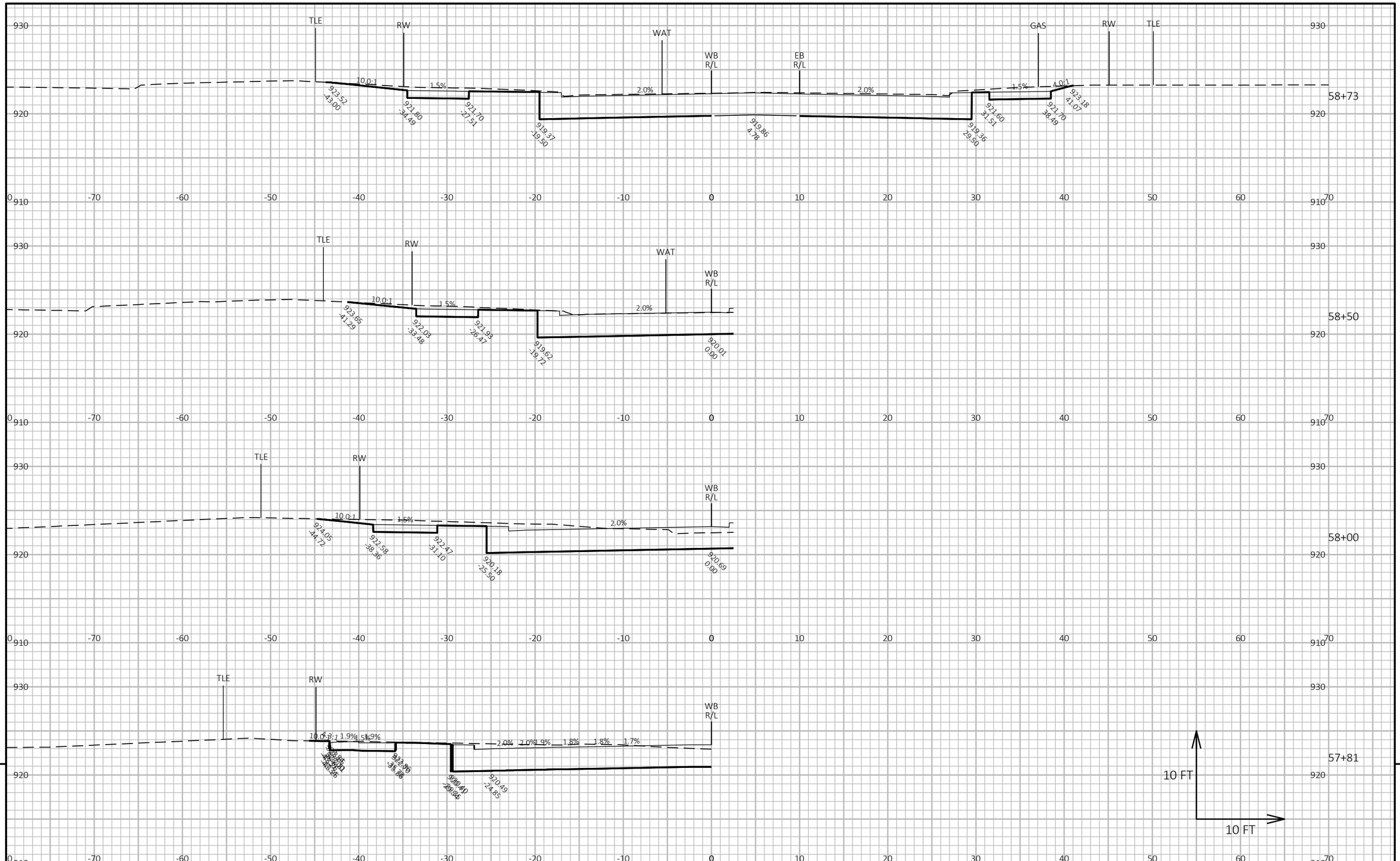
PLOT DATE : 8/31/2020 3:09 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: DEER POINT / ROBY WESTBOUND (WB)	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090200 XS.DWG
LAYOUT NAME - 090221_xs

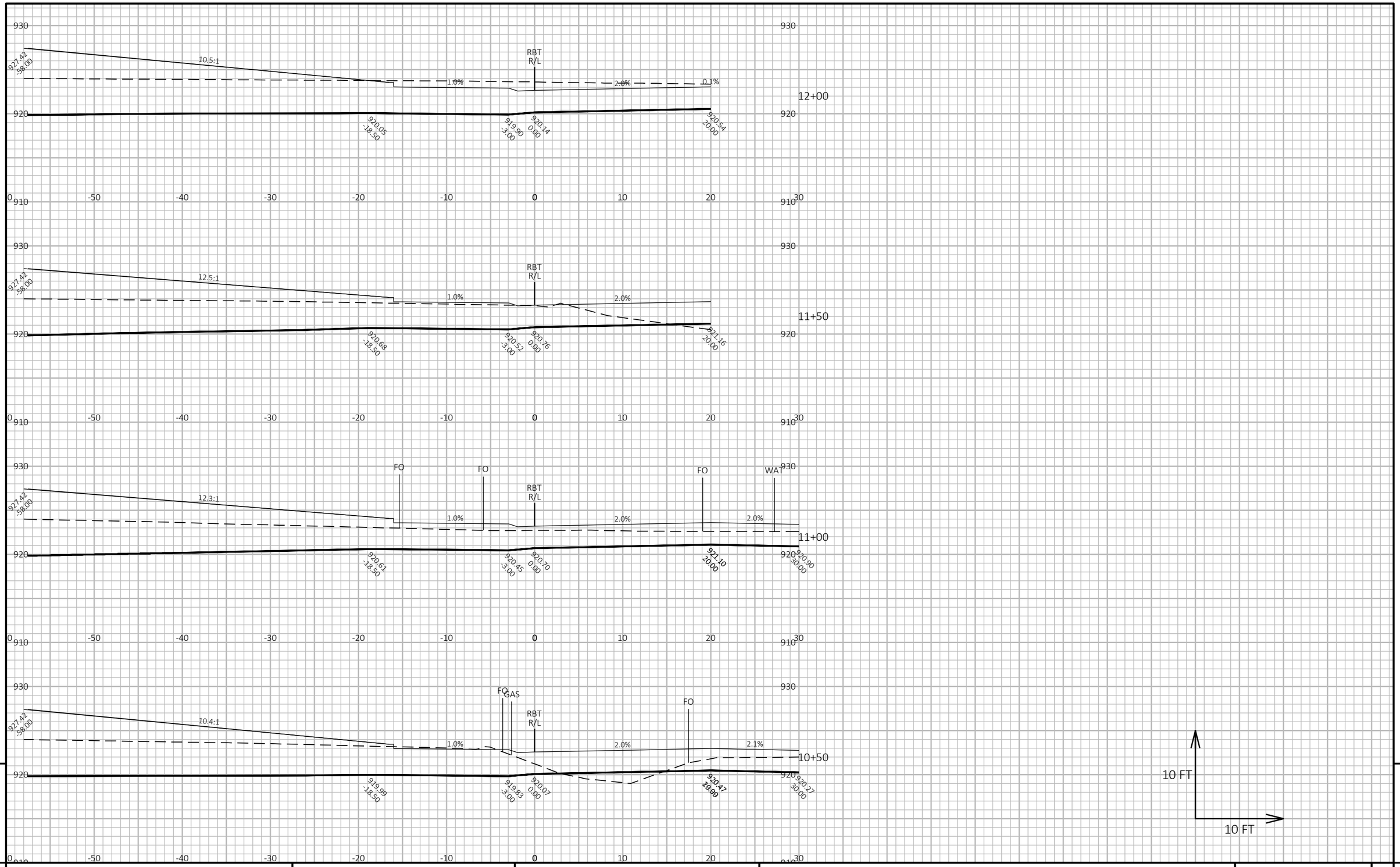
PLOT DATE : 8/31/2020 3:10 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: ROUNDABOUT (RBT)	SHEET	E

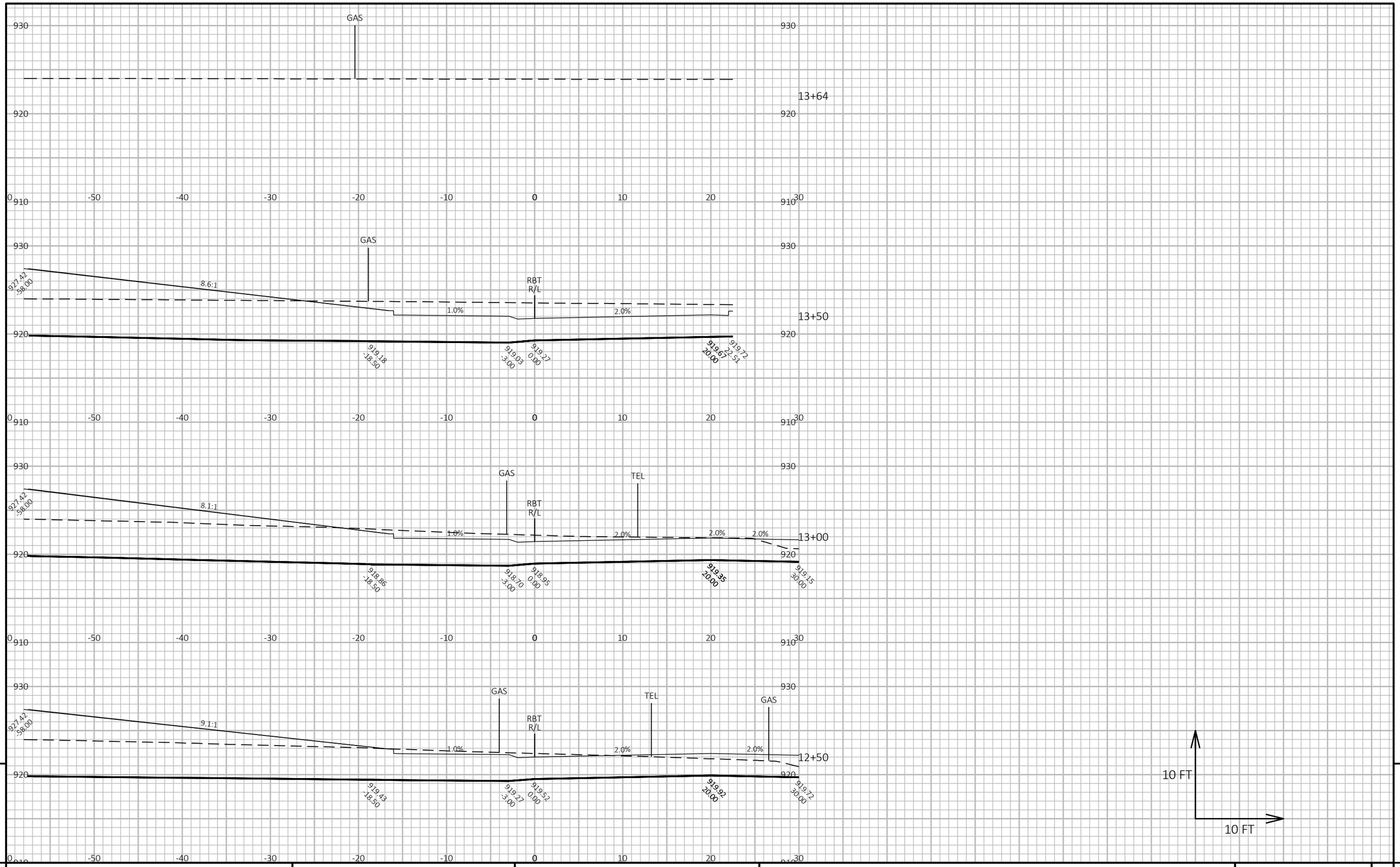
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LAYOUT NAME - 090222_xs

PLOT DATE : 8/31/2020 3:10 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5845-01-78	HWY: US 51	COUNTY: DANE	CROSS SECTIONS: ROUNDABOUT (RBT)	SHEET	E

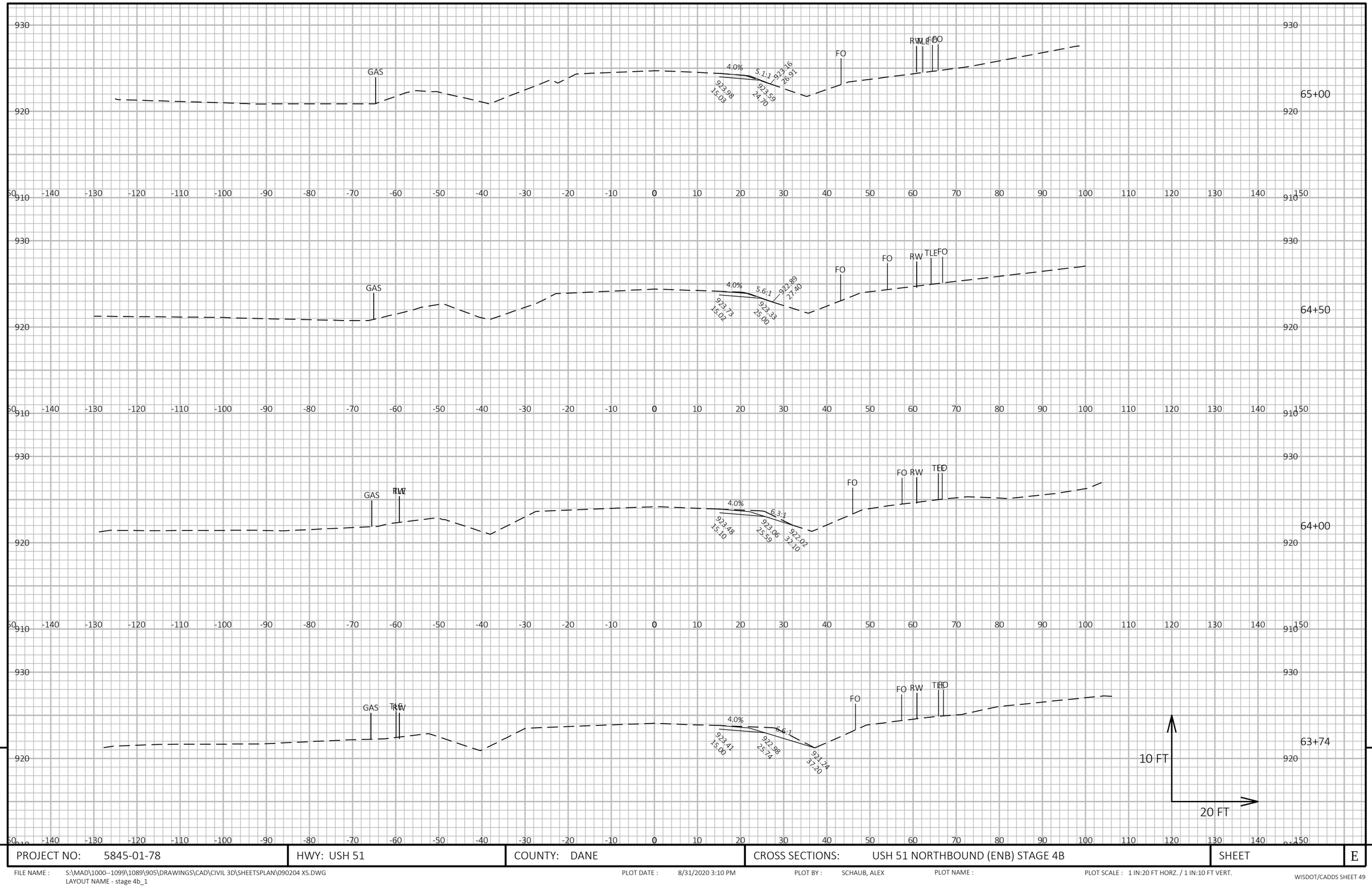
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LAYOUT NAME - 090223_xs

PLOT DATE : 8/31/2020 3:10 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090204 XS.DWG
LAYOUT NAME - stage 4b_1

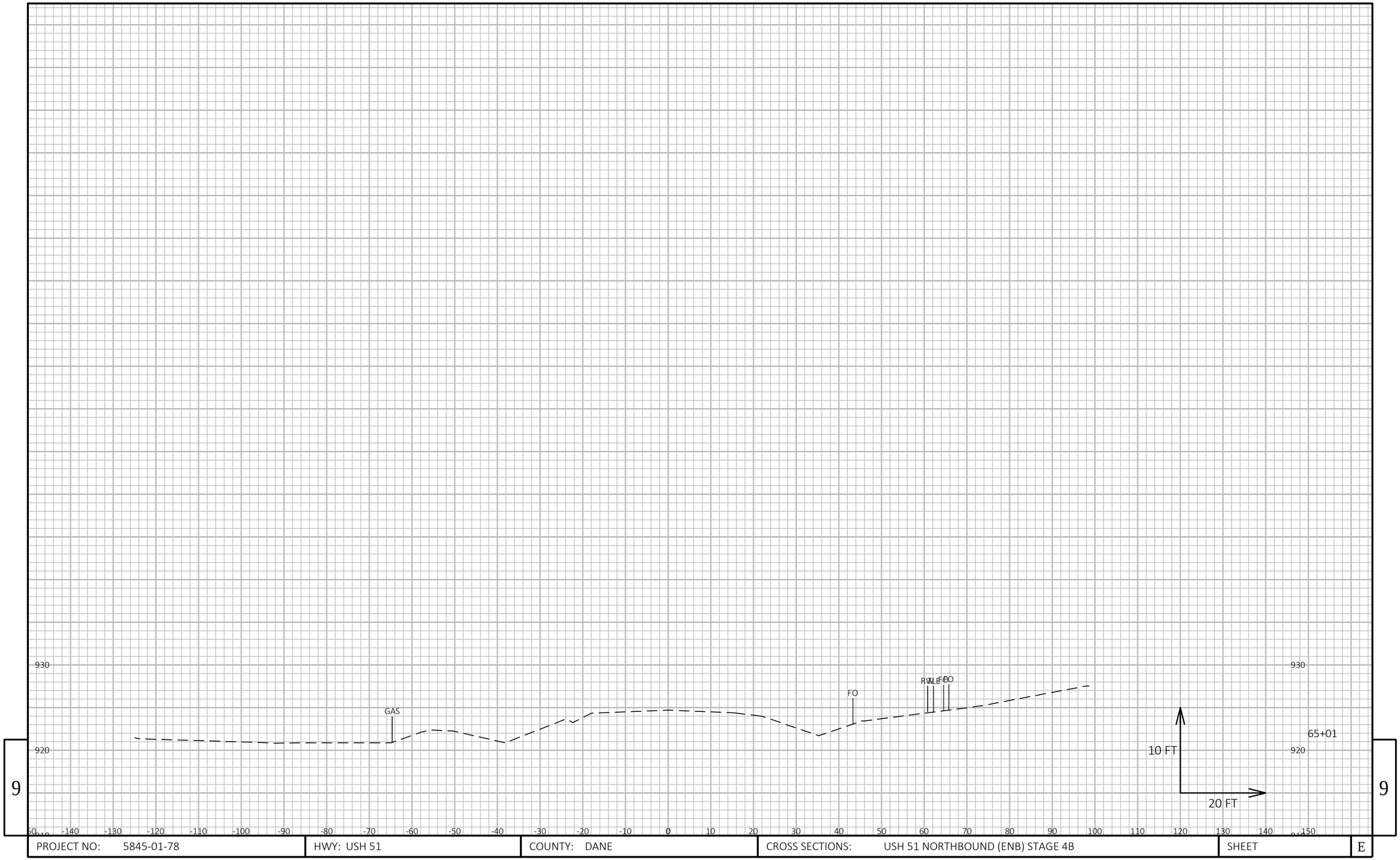
PLOT DATE : 8/31/2020 3:10 PM

PLOT BY : SCHAUB, ALEX

PLOT NAME :

PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



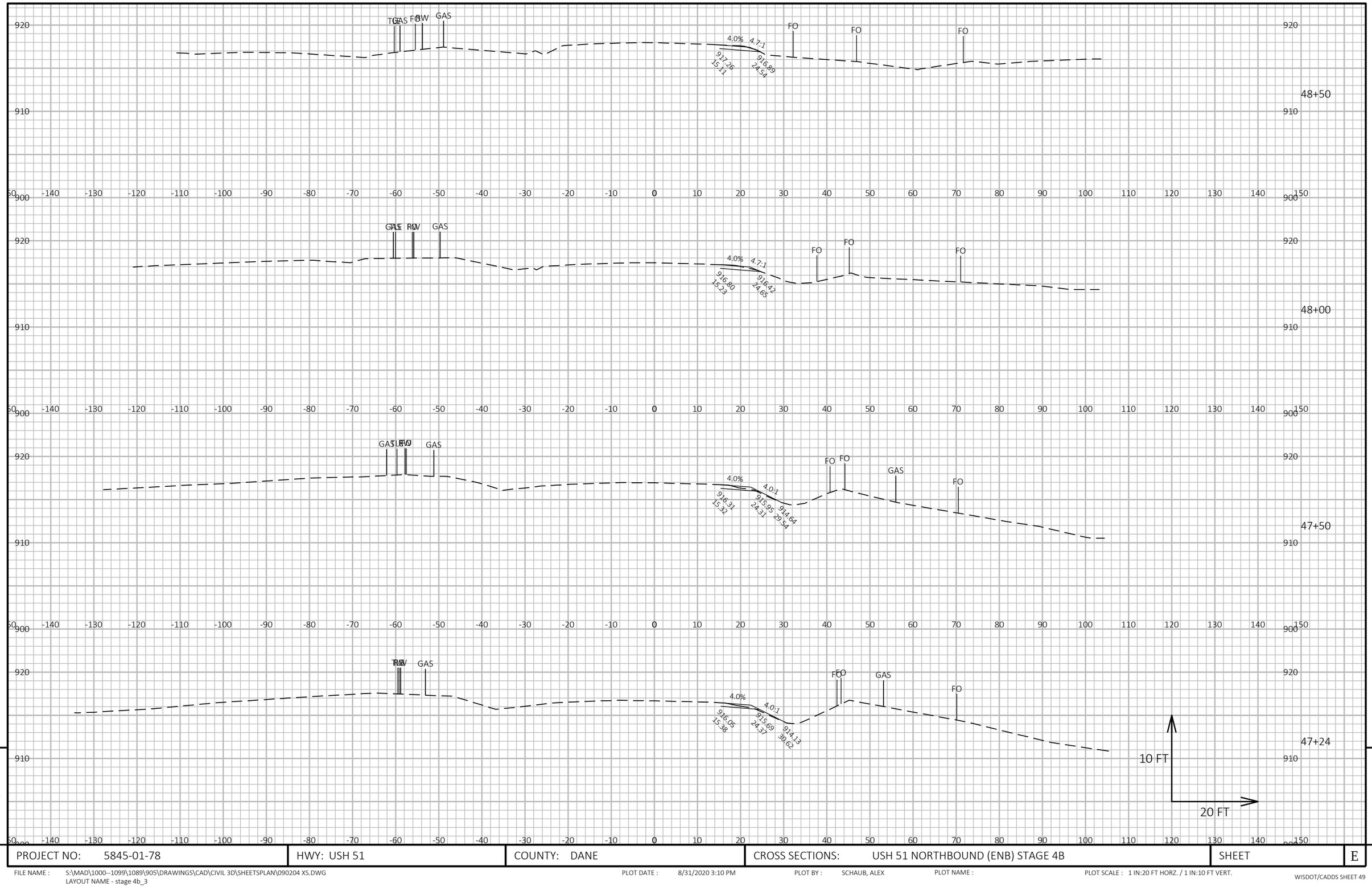
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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090204 XS.DWG
LAYOUT NAME - stage 4b_2

PLOT DATE : 8/31/2020 3:10 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



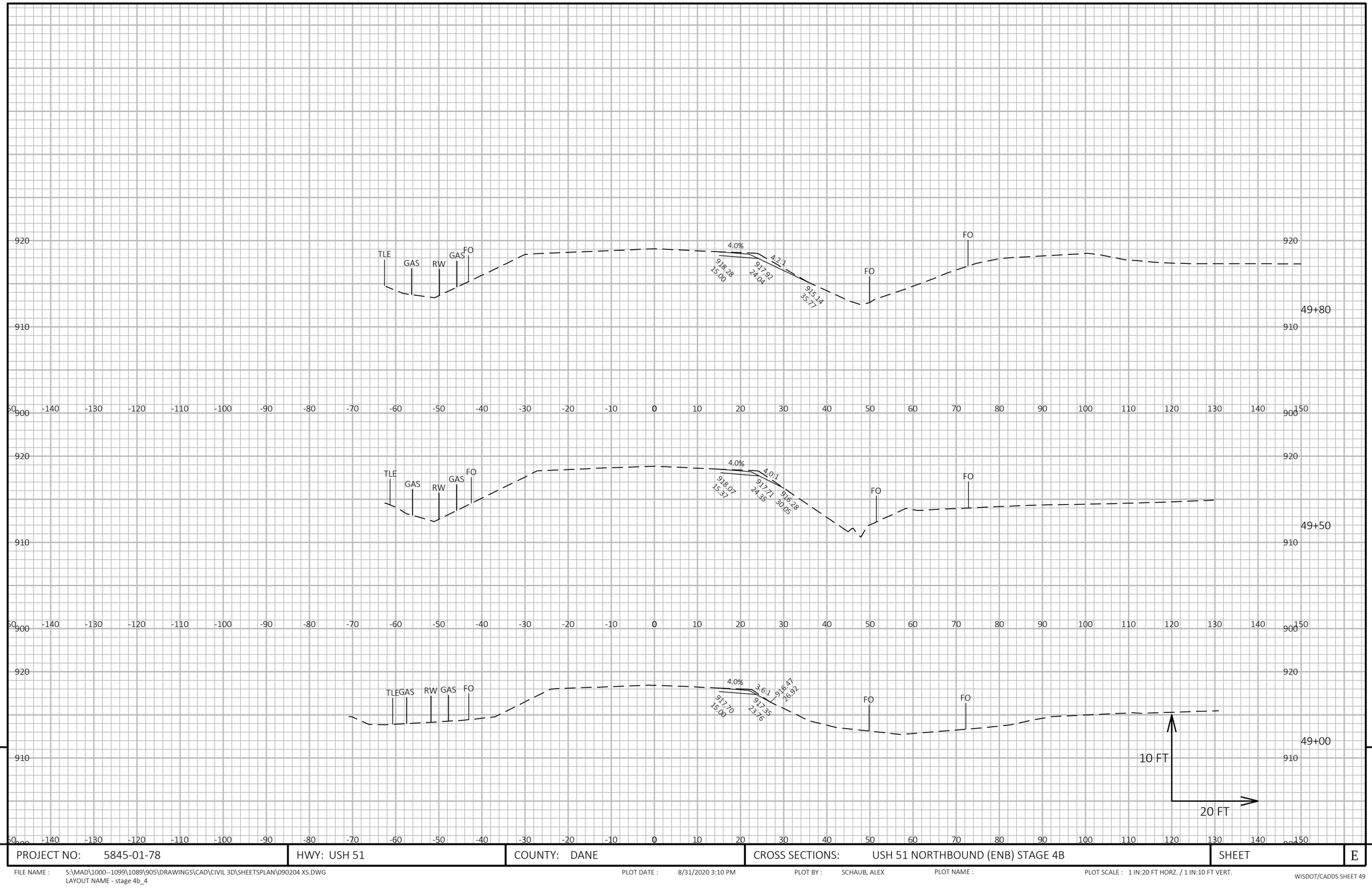
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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090204 XS.DWG
LAYOUT NAME - stage 4b_3

PLOT DATE : 8/31/2020 3:10 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



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PROJECT NO: 5845-01-78	HWY: USH 51	COUNTY: DANE	CROSS SECTIONS: USH 51 NORTHBOUND (ENB) STAGE 4B	SHEET	E

FILE NAME : S:\MAD\1000--1099\1089\905\DRAWINGS\CAD\CIVIL 3D\SHEETSPLAN\090204 XS.DWG
LAYOUT NAME - stage 4b_4

PLOT DATE : 8/31/2020 3:10 PM PLOT BY : SCHAUB, ALEX PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49