

PROJECT ID:
2773-10-72

COUNTY:
WAUKESHA

WITH: 2773-10-70

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 =

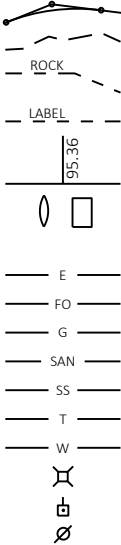


DESIGN DESIGNATION	N/A
A.A.D.T.	N/A = N/A
A.A.D.T.	N/A = N/A
D.H.V.	= N/A
D.D.	= N/A
T.	= N/A
DESIGN SPEED	= N/A
ESALS	= N/A

CONVENTIONAL SYMBOLS

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

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



LAYOUT
SCALE 0 0.5 MI
TOTAL NET LENGTH OF CENTERLINE = N/A

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), WAUKESHA COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.

ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID G12A-WI

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

EAST WAUKESHA BYPASS

STH 59 AND CTH XX INTERSECTION

STH 59

WAUKESHA COUNTY

STATE PROJECT NUMBER
2773-10-72

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2773-10-72		

60% PROJECT PLAN
SEPTEMBER 15, 2021

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	DAAR
Designer	BRETT MATHENY
Project Manager	BRETT MATHENY
Regional Examiner	RICHARD HERRICK
Regional Supervisor	REEM SHAHIN
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

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GENERAL NOTES

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

ANY REINFORCEMENT LOCATED IN EXISTING CONCRETE PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO THE REMOVING PAVEMENT ITEM, AND NO ADDITIONAL COMPENSATION WILL BE GRANTED.

CURB AND GUTTER GRADES ARE GIVEN TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER. CURB AND GUTTER RADII ARE MEASURED TO THE FLANGE OF CURB AND GUTTER OR THEORETICAL FLANGE POINT OF INTEGRAL CURB AND GUTTER.

CONTACT THE PROJECT ENGINEER, THE COUNTY SURVEYOR, AND SEWRPC AT LEAST TWO WEEKS BEFORE WORKING NEAR ANY SECTION CORNER MONUMENT.

VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.

SAWCUT EXISTING ASPHALT AND CONCRETE PAVEMENT AT THE MATCHLINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

RESHAPE, RESTORE AND FINISH ALL PREVIOUSLY GRASSED AREAS DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT NO EXPENSE TO THE DEPARTMENT.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND MULCHED OR SODDED AS DIRECTED BY THE ENGINEER.

DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.

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

EXISTING DRIVEWAYS AND FIELD ENTRANCES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER IN THE FIELD AND AT THE LOCATION DETERMINED BY THE ENGINEER.

THE EXACT LOCATION OF PRIVATE ENTRANCES IS TO BE DETERMINED IN THE FIELD BY THE ENGINEER

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.

INLET AND DISCHARGE ELEVATIONS FOR DRAINAGE STRUCTURES AND PIPES SHOWN ON THE PLANS MAY BE ADJUSTED BY THE ENGINEER TO FIT EXISTING FIELD CONDITIONS.

VERIFY THE EXISTING STORM SEWER SYSTEM CONNECTION LOCATIONS AND ELEVATIONS BEFORE ORDERING DRAINAGE STRUCTURES AND PIPES. NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE INFORMATION SHOWN ON THE PLANS BEFORE INSTALLING THE PROPOSED STORM SEWER.

ORDER OF SECTION 2 SHEETS

GENERAL NOTES
CONSTRUCTION DETAILS
REMOVAL PLAN*
PLAN DETAILS
CURB RAMP DETAILS
EROSION CONTROL
STORM SEWER
PERMANENT SIGNING*
TRAFFIC SIGNAL PLAN
PAVEMENT MARKING
TRAFFIC CONTROL*
ALIGNMENT PLAN

*NOT INCLUDED WITH THE 60% PLAN

STANDARD ABBREVIATIONS

AEW	APRON END WALL	NW	NORTHWEST
AGG	AGGREGATE	PACS	PIPE ARCH CORRUGATGED STEEL
BAD	BASE AGGREGATE DENSE	PE	PRIVATE ENTRANCE
BM	BENCHMARK	PL	PROPERTY LINE
CPCM	CULVERT PIPE CORRUGATED METAL	R/W	RIGHT-OF-WAY
CPRC	CULVERT PIPE REINFORCED CONCRETE	RDE	RESTRICTED DEVELOPMENT AREA
CWT	HUNDREDWEIGHT	REQD	REQUIRED
CY	CUBIC YARD	RT	RIGHT
EBS	EXCAVATION BELOW SUBGRADE	SDD	STANDARD DETAIL DRAWING
FE	FIELD ENTRANCE	SE	SOUTHEAST
INV	INVERT	SF	SQUARE FOOT
LB	POUND	SI	SLOPE INTERCEPT
LF	LINEAR FOOT	STA	STATION
LT	LEFT	SW	SOUTHWEST
LS	LUMP SUM	SY	SQUARE YARD
MGAL	1000 GALLON UNIT	TLE	TEMPORARY LIMITED EASEMENT
MIN	MINIMUM	TYP	TYPICAL
NE	NORTHEAST		

UTILITY CONTACTS

AT&T LEGACY
VANESSA ROSS
555 E COOK ST
SPRINGFIELD, IL 62703
(217) 814-2314
VF2021@ATT.COM

AT&T LOCAL NETWORK
DALE DEFEVER
39869 LINN ST
CANTON, MI 48147
(586) 242-2671
DD2579@ATT.COM

AT&T WISCONSIN
TOM CROWLEY
435 S 95TH ST
MILWAUKEE, WI 53214-1226
(262) 896-7427
TC1657@ATT.COM

CITY OF WAUKESHA COMMUNICATIONS
JEFF HERNKE
201 DELAFIELD ST
WAUKESHA, WI 53188
(262) 524-3592
JHERNKE@WAUKESHA-WI.GOV

CITY OF WAUKESHA SEWER
CHRISTOPHER LANGEMAK
201 DELAFIELD ST
WAUKESHA, WI 53188
(262) 524-3598
CLANGEMAK@WAUKESHA-WI.GOV

EVERSTREAM COMMUNICATIONS
CHRIS TORMALA
324 E WISCONSIN AVE, SUITE 730
MILWAUKEE, WI 53202
(414) 409-1709
WI-RELOCATIONS@EVERSTREAM.NET

SPECTRUM
BEAU ABUYA
1320 N DR MARTIN LUTHER KING JR DR
MILWAUKEE, WI 53212
(414) 908-1343
WIS.ENGINEERING@CHARTER.COM

VERIZON BUSINESS
RJ CICATELLO
15725 W RYERSON RD
NEW BERLIN, WI 53151
(262) 782-9836
RANDY.CICATELLO@VERIZON.COM

WAUKESHA WATER UTILITY
CHRIS WALTER
PO BOX 1648
WAUKESHA, WI 53187-1648
(262) 521-5272
CWALTER@WAUKESHA-WATER.COM

WE ENERGIES (ELECTRIC)
WE ENERGIES UTILITY COORDINATOR
500 S 116TH ST
WEST ALLIS, WI 53214
(414) 221-2738
WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WE ENERGIES (GAS)
WE ENERGIES UTILITY COORDINATOR
500 S 116TH ST
WEST ALLIS, WI 53214
(414) 221-2738
WE-UTILITY-RELOCATIONS@WE-ENERGIES.COM

WISDOT CONTACTS

WISDOT PROJECT MANAGER
BRETT MATHENY
141 NW BARSTOW ST
WAUKESHA, WI 53187
PHONE: (262) 548-5926
EMAIL: BRETT.MATHENY@DOT.WI.GOV

WISDOT STOC
JEFF MADSON
433 W ST PAUL AVE, SUITE 300
MILWAUKEE, WI 53203-3007
(414) 225-3723
JEFFREY.MADSON@DOT.WI.GOV

WISDOT STREET LIGHTING
ERIC PEREA
141 NW BARSTOW
WAUKESHA, WI 53188
(262) 574-5422
ERIC.PEREA@DOT.WI.GOV

WISDOT SIGNALS
DERRIN WOLFORD
141 NW BARSTOW
WAUKESHA, WI 53188
(262) 521-4409
DERRIN.WOLFORD@DOT.WI.GOV

TRANSIT CONTACTS

WAUKESHA METRO TRANSIT
BRIAN ENGELKING, TRANSIT MANAGER
2311 BADGER DR
WAUKESHA, WI 53188
PHONE: (262) 524-3634
EMAIL: BENDELKI@CI.WAUKESHA.WI.US

WISDNR CONTACTS

WISCONSIN DNR LIAISON - WAUKESHA COUNTY
CRAIG WEBSTER
141 NW BARSTOW ST ROOM 180
WAUKESHA, WI 53188
PHONE: (262) 574-2141
EMAIL: CRAIG.WEBSTER@WISCONSIN.GOV

CITY CONTACTS

CITY OF WAUKESHA
ALEX DAMIEN, CITY ENGINEER
130 DELAFIELD ST
WAUKESHA, WI 53188
PHONE: (262) 524-3907
EMAIL: ADAMIEN@WAUKESHA-WI.GOV

COUNTY CONTACTS

WAUKESHA COUNTY
KAREN BRAUN, ENGINEERING SERVICES MANAGER
515 W MORELAND BLVD, ROOM 220
WAUKESHA, WI 53188
PHONE: (262) 896-8538
EMAIL: KBRAUN@WAUKESHACOUNTY.GOV

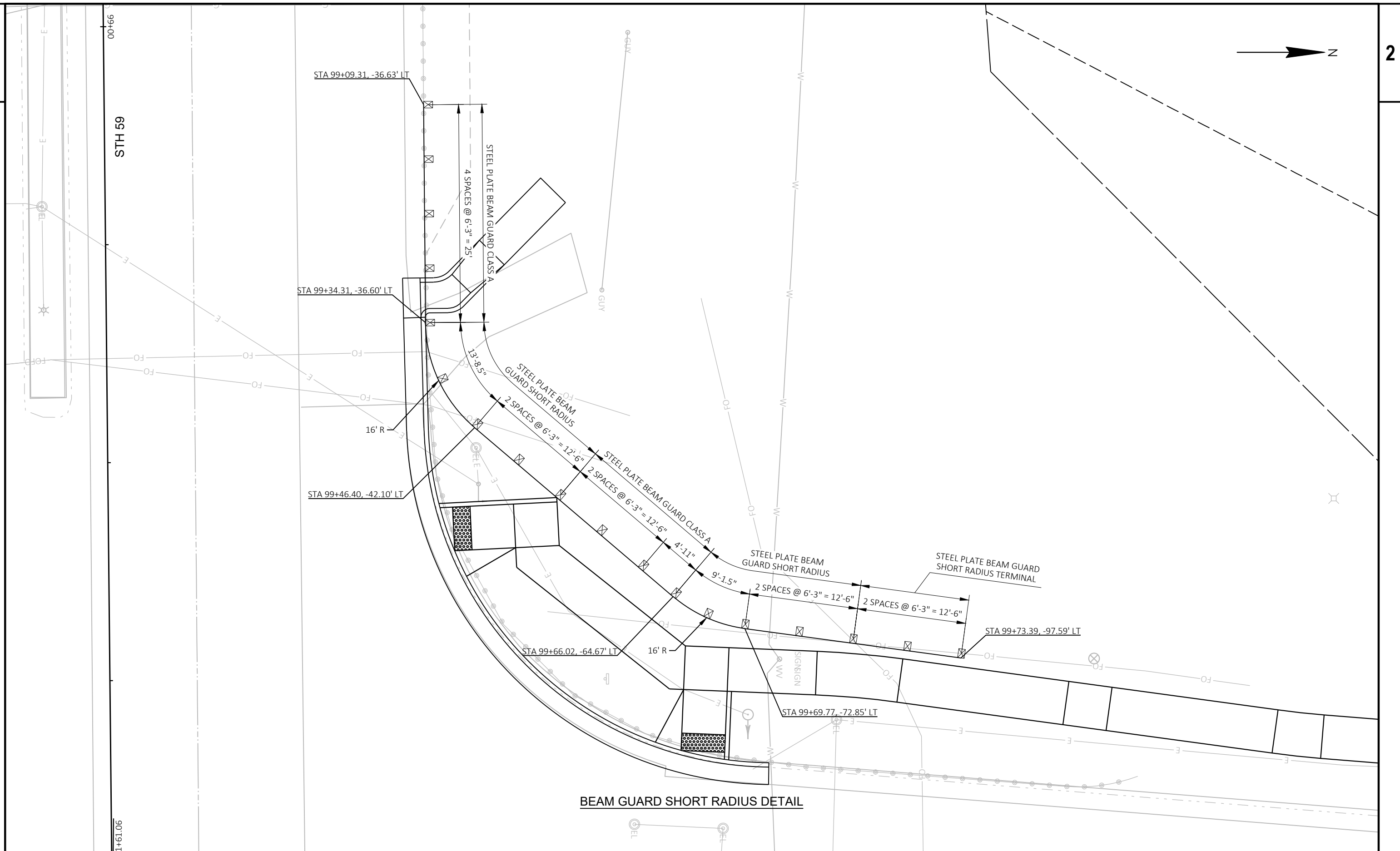
DIGGERSHOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

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2



PROJECT NO:	2773-10-72
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HWY: STH 59

COUNTY: WAUKESHA

CONSTRUCTION DETAILS

SHEET

11

FILE NAME : N:\PDS\C3D\27731002\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 021001-cd

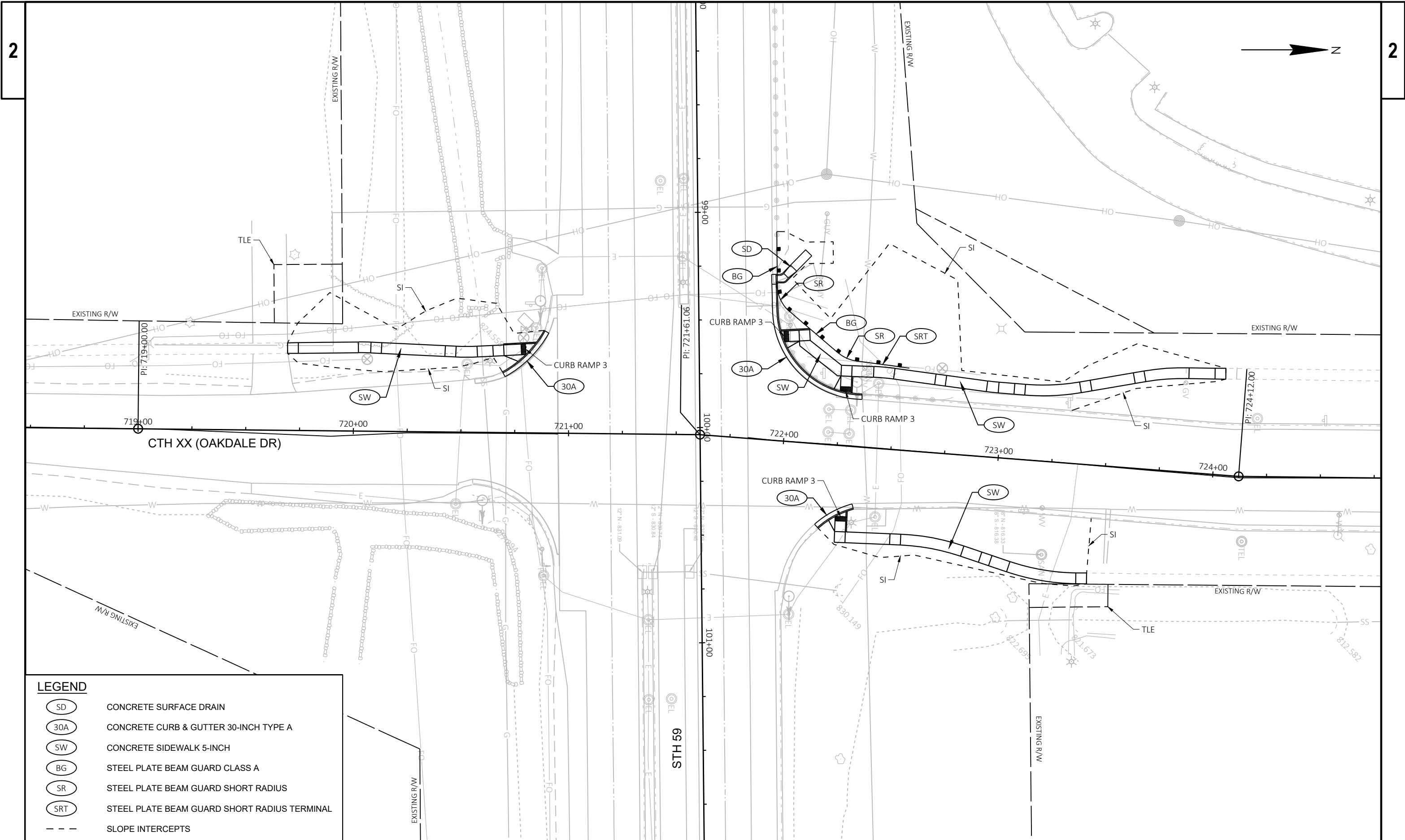
PLOT DATE : 9/14/2021 4:15 PM

PLOT BY : MATHENY, ROBERT B

PLOT NAME :

PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



LEGEND

SD

CONCRETE SURFACE DRAIN

30A

CONCRETE CURB & GUTTER 30-INCH TYPE A

SW

CONCRETE SIDEWALK 5-INCH

BG

STEEL PLATE BEAM GUARD CLASS A

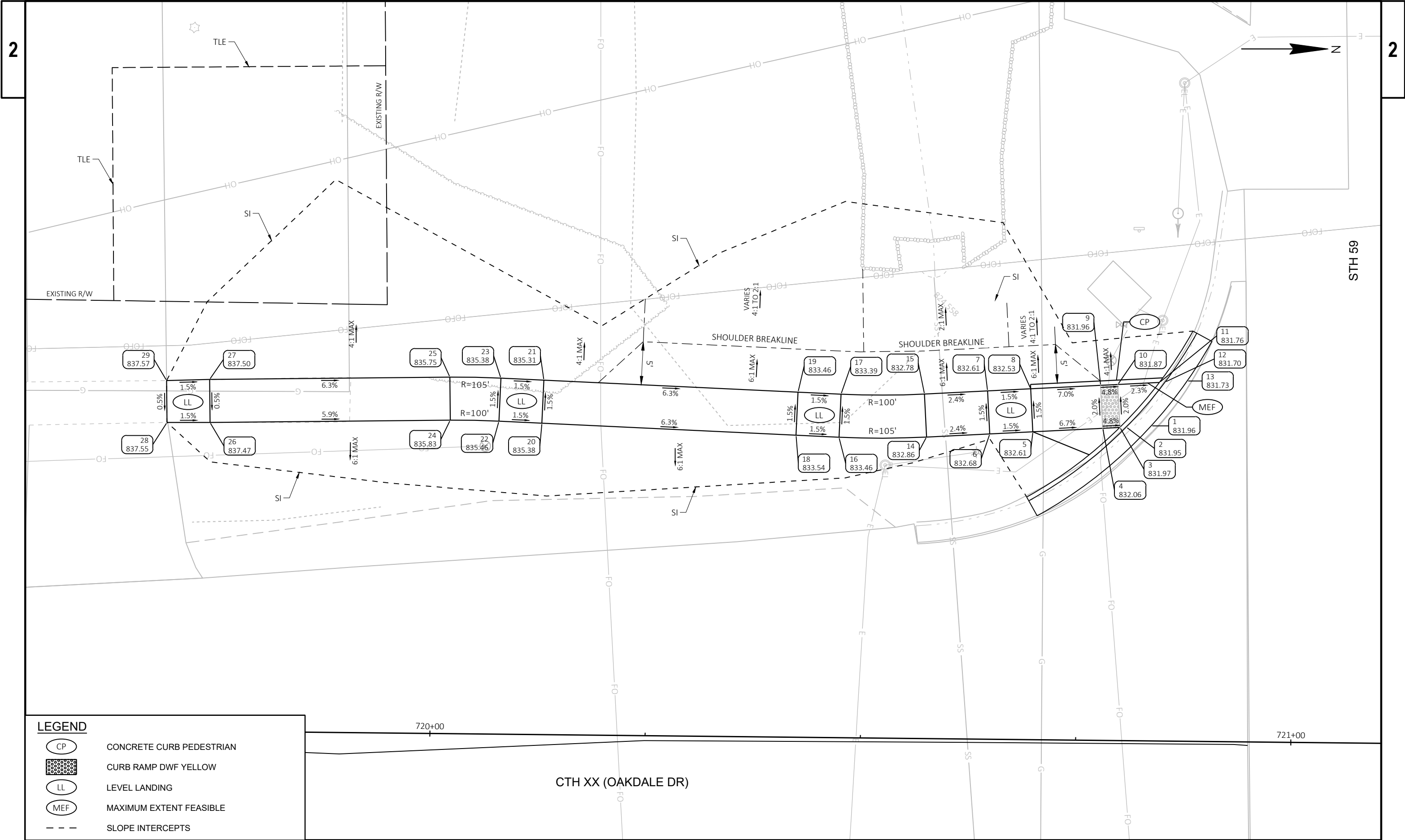
SR

STEEL PLATE BEAM GUARD SHORT RADIUS

SRT

STEEL PLATE BEAM GUARD SHORT RADIUS TERMINAL

SLOPE INTERCEPTS

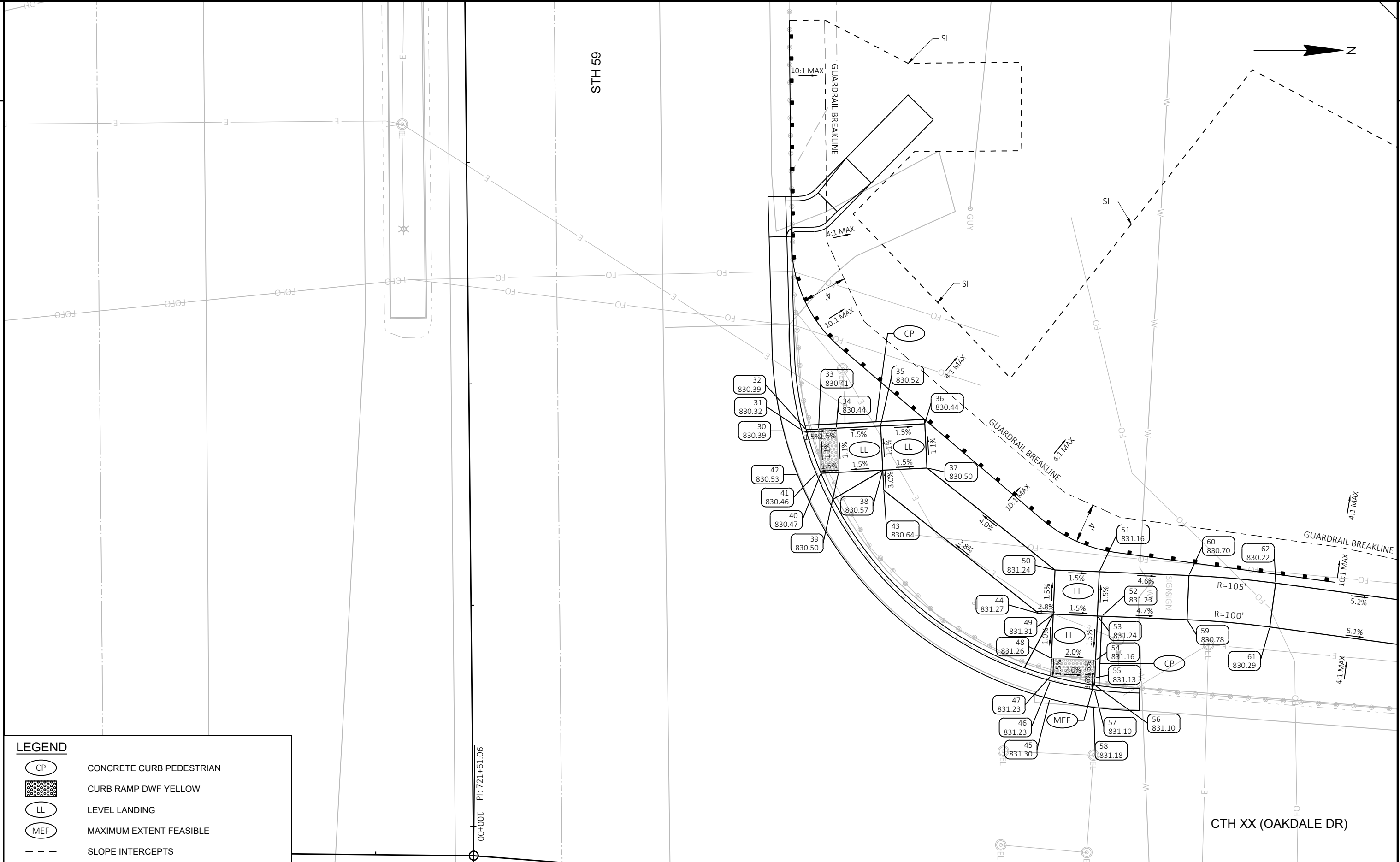


LEGEND

- CP CONCRETE CURB PEDESTRIAN
- CURB RAMP DWF YELLOW
- LL LEVEL LANDING
- MEF MAXIMUM EXTENT FEASIBLE
- SLOPE INTERCEPTS

2

2



LEGEND

- | | |
|---|--------------------------|
| CP | CONCRETE CURB PEDESTRIAN |
|  | CURB RAMP DWf YELLOW |
| LL | LEVEL LANDING |
| MEF | MAXIMUM EXTENT FEASIBLE |
| --- | SLOPE INTERCEPTS |

PROJECT NO: 2773-10-72

HWY: STH 59

COUNTY: WAUKESHA

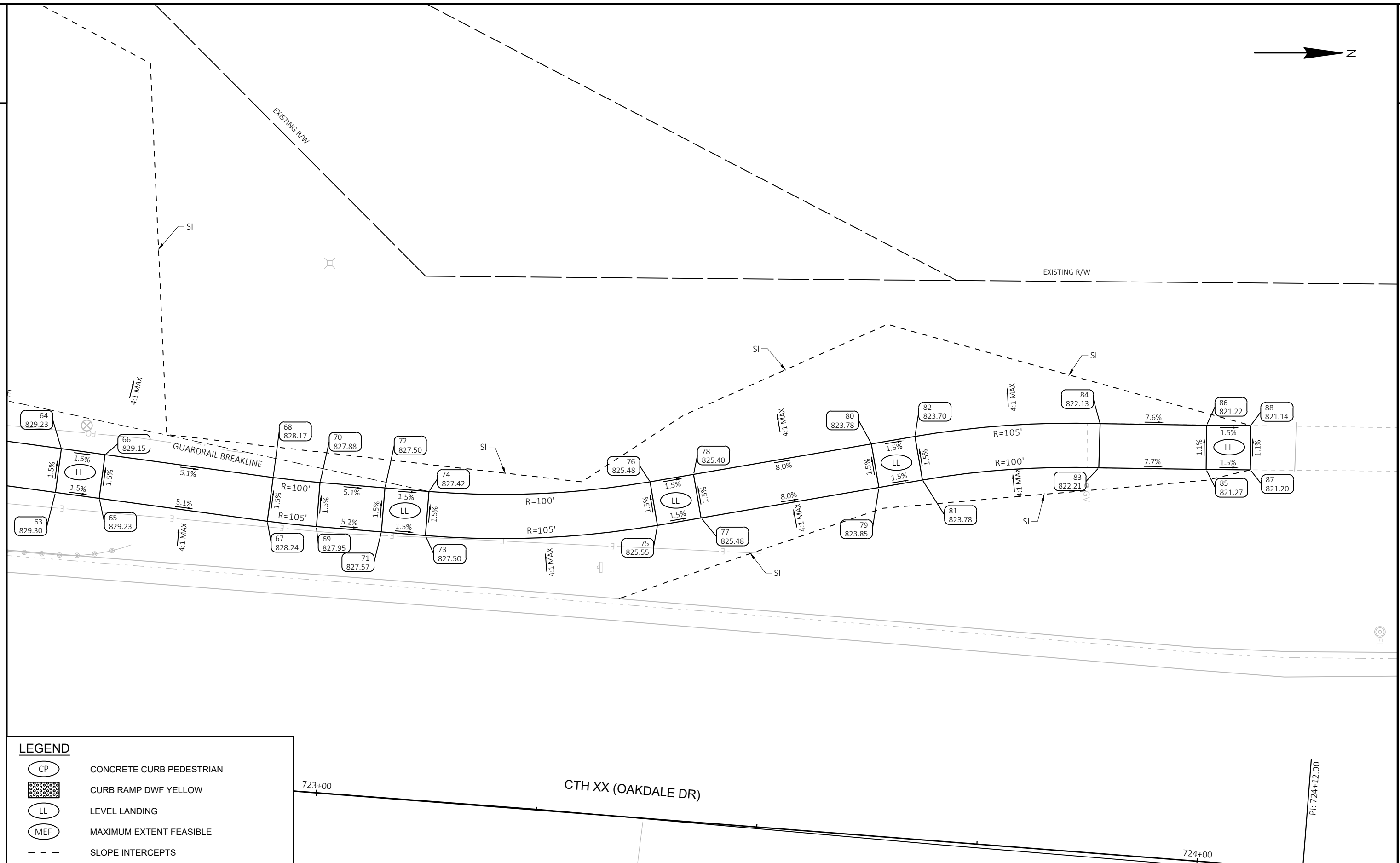
CURB RAMP DETAILS

SHEET

E

2

2



LEGEND

- | | |
|---|--------------------------|
|  | CONCRETE CURB PEDESTRIAN |
|  | CURB RAMP DWY YELLOW |
|  | LEVEL LANDING |
|  | MAXIMUM EXTENT FEASIBLE |
|  | SLOPE INTERCEPTS |

PROJECT NO: 2773-10-72

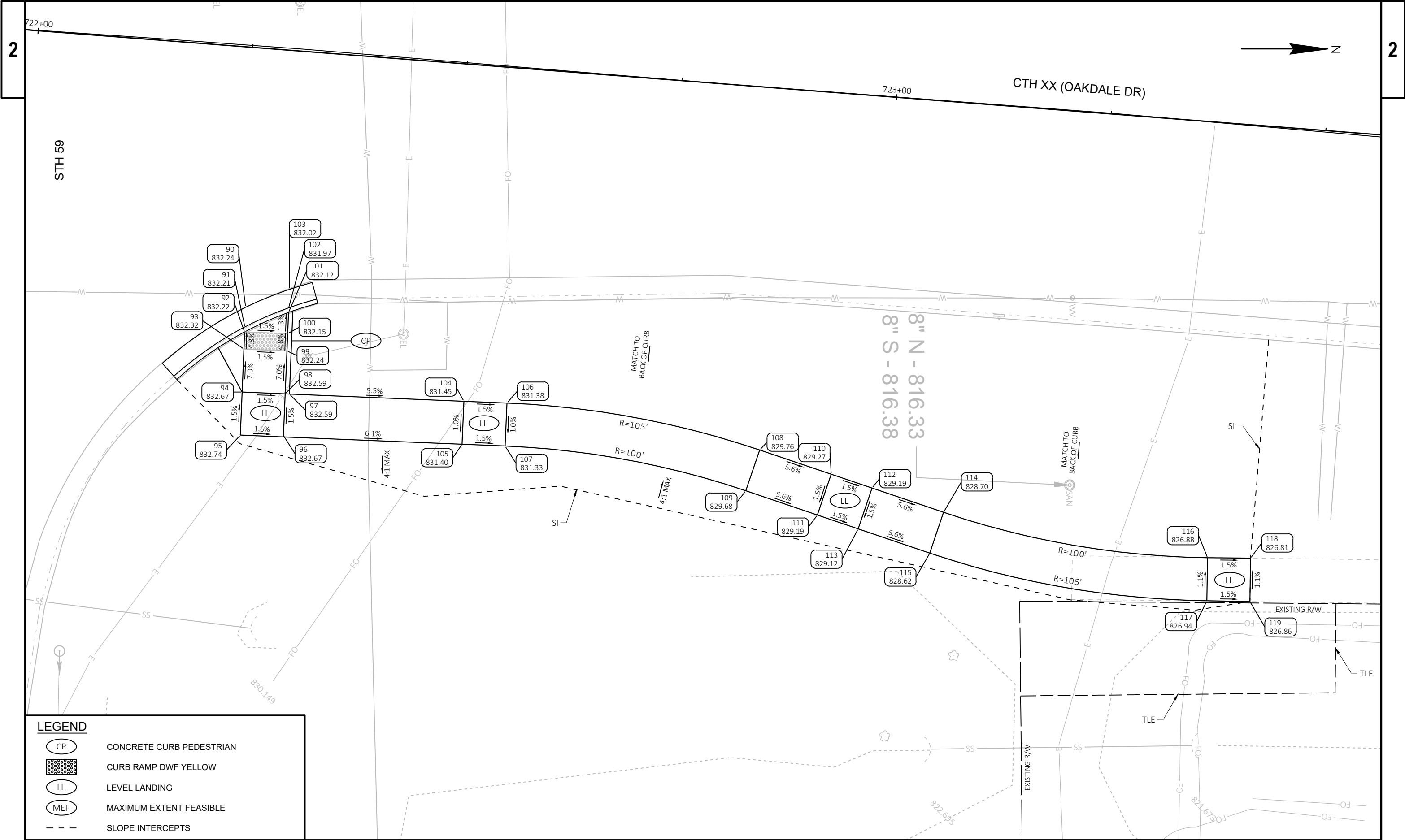
HWY: STH 59

COUNTY: WAUKESHA

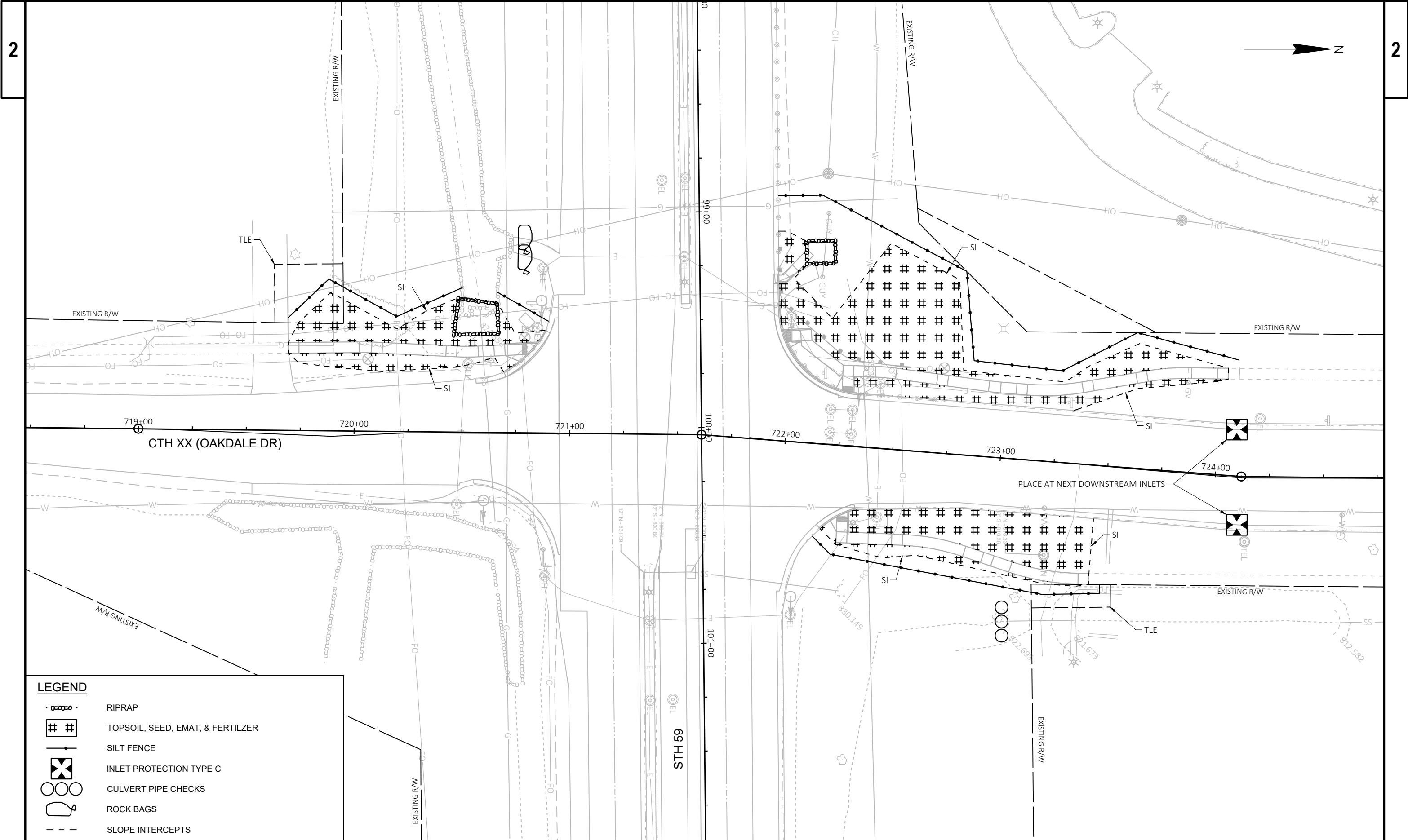
CURB RAMP DETAILS

SHEET

E



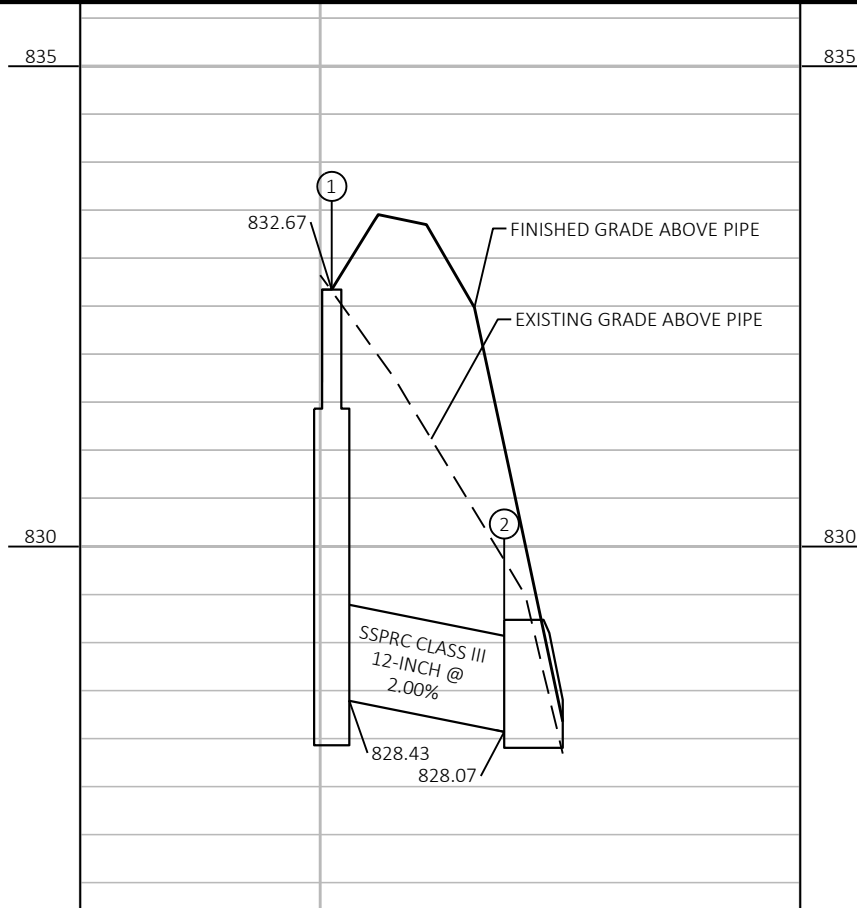
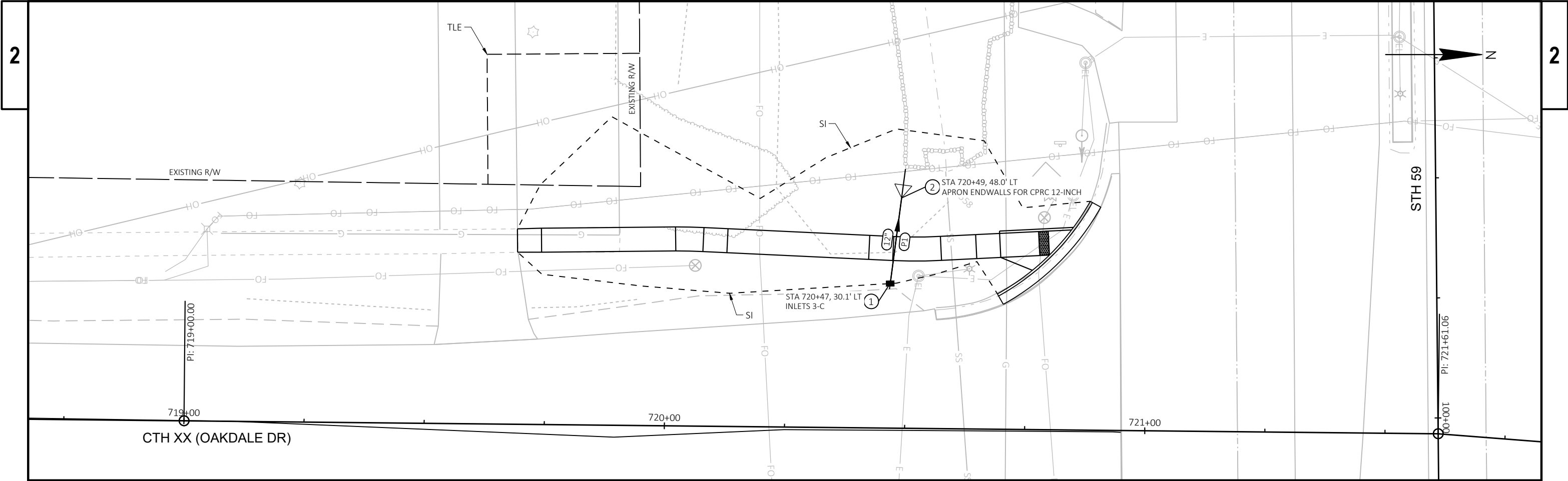
- LEGEND**
- CP CONCRETE CURB PEDESTRIAN
 - CURB RAMP DWF YELLOW
 - LL LEVEL LANDING
 - MEF MAXIMUM EXTENT FEASIBLE
 - SLOPE INTERCEPTS

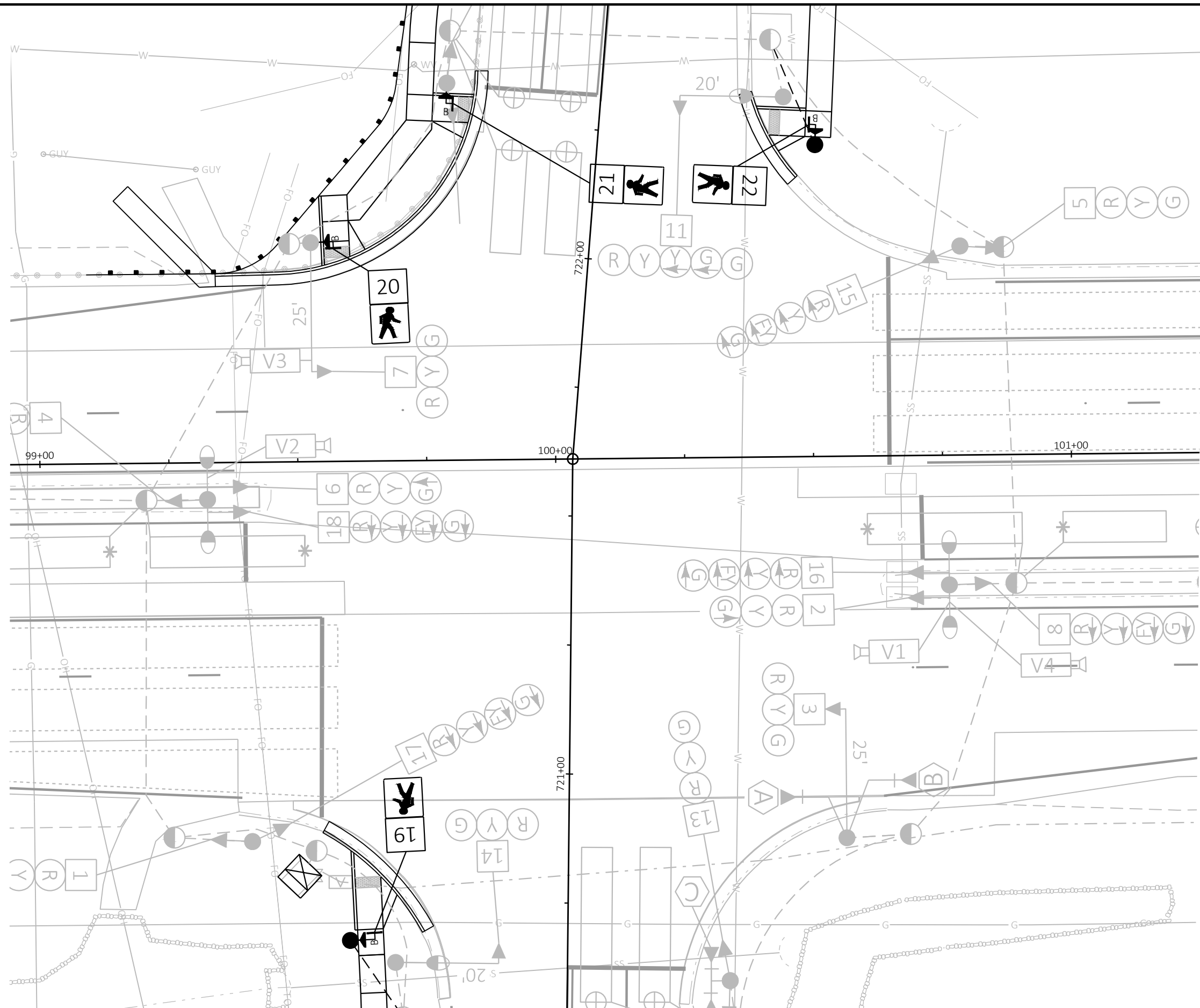


LEGEND

- RIPRAP
- TOPSOIL, SEED, EMAT, & FERTILIZER
- SILT FENCE
- INLET PROTECTION TYPE C
- CULVERT PIPE CHECKS
- ROCK BAGS
- SLOPE INTERCEPTS

PROJECT NO: 2773-10-72	HWY: STH 59	COUNTY: WAUKESHA	EROSION CONTROL	SHEET	E
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PROJECT NO: 2773-10-72

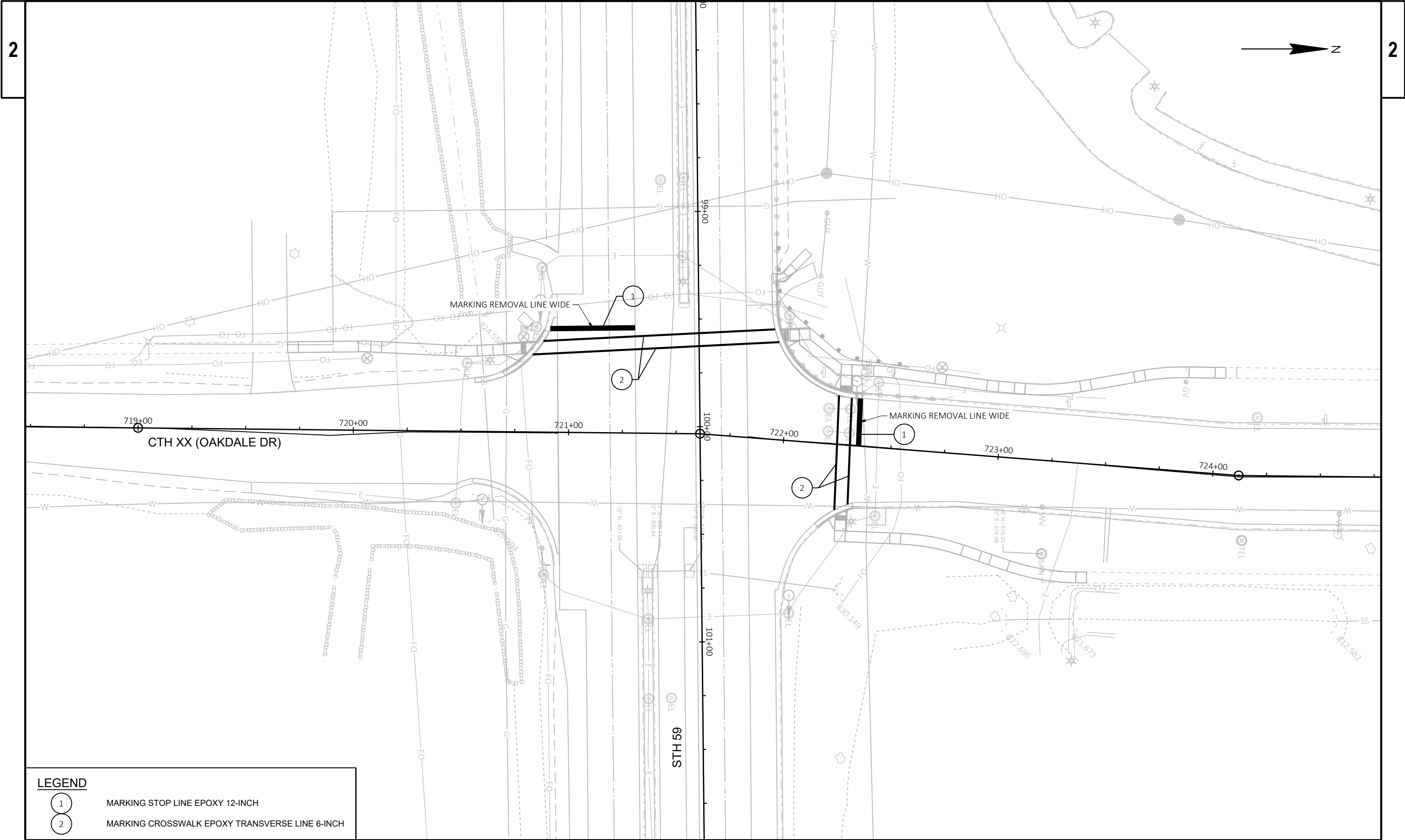
HWY: USH 18/STH 59

COUNTY: WAUKESHA

TRAFFIC SIGNAL PLAN

SHEET

E



LEGEND

- 1 MARKING STOP LINE EPOXY 12-INCH
- 2 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH

PROJECT NO:	2773-10-72	HWY:	STH 59	COUNTY:	WAUKESHA	PAVEMENT MARKING	SHEET	E
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