PROJECT ID: 1310-04-70
WITH: N/A

COUNTY: KENOSHA

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 =



N

DESIGN DESIGNATION

A.A.D.T.	2022	=	22,800
A.A.D.T.	2042	=	25,900
D.H.V.		=	2,620
D.D.		=	64/36
T.		=	18.5%
DESIGN SPEED		=	40
ESALS		=	11,000,000

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

75TH ST, VILLAGE OF PADDOCK LAKE

256TH AVE TO 236TH AVE

STH 50

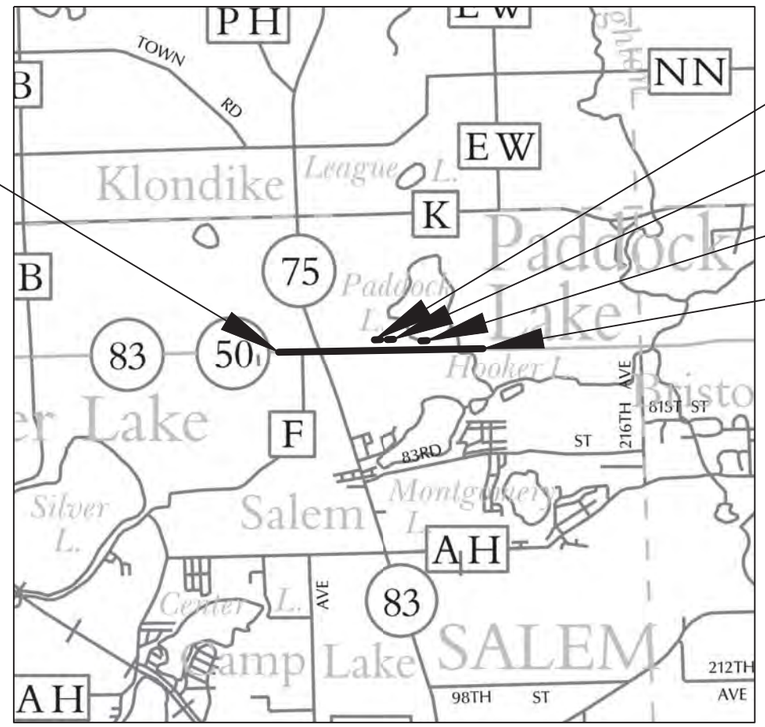
KENOSHA COUNTY

STATE PROJECT NUMBER
1310-04-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1310-04-70		

DRAFT PS&E
AUGUST 1, 2021

R. 20 E.



BEGIN PROJECT
STA 994+20.00
Y= 128,208.04
X= 549,040.12

STRUCTURE R-30-71
STA 1028+25 LT

STRUTURE R-30-70
STA 1030+00 LT

STRUTURE R-30-73
STA 1044+00 LT

END PROJECT
STA 1068+21.00

T-01-N

LAYOUT
SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 1.402

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), KENOSHA COUNTY, NAD83 (2007), 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 NAVD88 (2007). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	AYRES
Designer	NENG YANG
Project Manager	BRIAN PLUEMER
Regional Examiner	RICH HERRICK
Regional Supervisor	REEM SHAHIN

APPROVED FOR THE DEPARTMENT

DATE: _____ _____ (Signature)

E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\010101_TI.DWG PLOT DATE : 7/29/2021 3:48 PM PLOT BY : BLACKWOOD, JAMES X PLOT NAME :

GENERAL NOTES

- THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. 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.
- CONSTRUCT PAVEMENT CONSISTENT WITH THE PLAN TYPICAL SECTIONS. LOCATE LONGITUDINAL JOINTS IN ASPHALT PAVEMENT OUTSIDE OF DRIVING, TURNING, BIKE, OR PARKING LANE UNLESS DIRECTED OTHERWISE BY THE ENGINEER PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE, OR PARKING LANE. THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, BIKE OR PARKING LANE.
- SAWCUT EXISTING ASPHALT AND CONCRETE PAVEMENT AT THE MATCHLINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
- CONSTRUCT INSIDE EDGE OF SIDEWALK 1/2 INCH HIGHER THAN TOP OF CURB WHEN THEY ARE ADJACENT TO EACH OTHER.
- RESHAPE, RESTORE AND FINISH ALL PREVIOUSLY GRASSED AREAS DISTURBED BY OPERATIONS OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT NO EXPENSE TO THE DEPARTMENT.
- PLACE TOPSOIL 1 INCH BELOW THE TOP OF ADJACENT CONCRETE CURBS OR SIDEWALKS IN SOD AREAS.
- DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED, FERTILIZED, SEEDED, AND SODDED AS DIRECTED BY THE ENGINEER.
- WHEN DEFINING THE PAVEMENT STRUCTURE, THE BOTTOM OF THE BASE AGGREGATE DENSE LAYER IS CONSIDERED THE SUBGRADE LINE. THE SELECT CRUSHED MATERIAL LAYER IS A SUBGRADE IMPROVEMENT.
- BACKFILL ALL OPENINGS AND HOLES LOCATED WITHIN THE ROADWAY RESULTING FROM REMOVALS OR ABANDONMENTS WITH NATIVE MATERIAL.
- 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 6-INCH TYPICAL DEPTH.

ORDER OF SECTION 2 SHEETS:

- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- REMOVAL PLAN
- PLAN DETAILS
- PAVING GRADES
- CURB RAMP DETAILS
- EROSION CONTROL
- STORM SEWER
- UTILITY PLAN
- SIGN REMOVALS
- PERMANENT SIGNING
- TRAFFIC SIGNALS
- PAVEMENT MARKING
- TRAFFIC CONTROL/STAGING
- ALTERNATE ROUTE
- DETOURS
- ALIGNMENT PLANS

HMA PAVEMENT LOCATION	ASPHALT MIX	LOWER LAYER	UPPER LAYER
STH 83	4 MT 58-28 S	1 3/4-INCH	X
MILL & OVERLAY	4 MT 58-28 S	X	1 3/4-INCH
STH 83	3 MT 58-28 S	3-INCH	X
RECONSTRUCTION	4 MT 58-28 S	X	1 3/4-INCH
6 1/2-INCH	4 MT 58-28 S	X	1 3/4-INCH
SIDE ROADS	3 MT 58-28 S	3 1/2 INCH	X
5 1/2-INCH	4 MT 58-28 S	X	2-INCH
STH 75	3 MT 58-28 S	3-INCH	X
RECONSTRUCTION	4 MT 58-28 S	X	1 3/4-INCH
6 1/2-INCH	4 MT 58-28 S	X	1 3/4-INCH

2

UTILITY CONTACTS:

MIKE VANBOVEN
AT&T WISCONSIN-COMMUNICATION LINE
411 7TH STREET
RACINE, WI 53403
(262) 676-7894
MV3658@ATT.COM

RUSS RYAN
FRONTIER COMMUNICATIONS OF WI LLC-COMMUNICATION LINE
118 division street
PLYMOUTN, WI 53073
(920) 583-3275
RUSSELL.W.RYAN@FTR.COM

CORY SCHMUKI
MIDWEST FIBER NETWORKDS LLC - COMMUNICATION LINE
6070 NORTH FLINT RD
GLENDALE, WI 53209
(414) 459-3561
CSCHMUKI@MIDWESTFIBERNETWORKS.COM

TIMOTHY POPANDA
VILLAGE OF PADDOCK LAKE - WATER
6969 236TH AVE
SALEM, WI 53168
(262) 843-2713
TPOPANDA@PADDOCKLAKE.NET

BRADLY ZAUTCKE
VILLAGE OF SALEM LAKES - ROAD FACILITY
P.O. BOX 443
SALEM, WI 53168
(262) 862-2371

JARRETT GATES
WISCONSIN DEPT OF TRANSPORTATION-WISCONSIN SIGNAL
141 NW BARSTOW STREET
WAUKESHA, WI 53188
(262) 521-5894
JARRETT.GATES@DOT.WI.GOV

TRANS 220 MAILBOX
ATC MANAGEMENT, INC - ELECTRICITY-TRANSMISSION
801 O'KEEFE RD
DE PERE, WI 54115-6113
(920) 338-6582
dl-ATCDOTNotifications@atcllc.com

CLEMENT ABONGWA
KENOSHA COUNTY-ROAD FACILITY
19600 75TH STREET
BRISTOL, WI 53104-9772
(262) 857-1870
CLEMENT.ABONGWA@KENOSHACOUNTY.ORG

BEAU ABUYA
SPECTRUM - COMMUNICATION LINE
1320 N DR MARTIN LUTHER KING DR
MILWAUKEE, WI 53212
(414) 758-9241
BEAU.ABUYA@CHARTER.COM

TIMOTHY POPANDA
VILLAGE OF PADDOCK LAKE - SEWER
6969 236TH AVE
SALEM, WI 53168
(262) 843-2713
TPOPANDA@PADDOCKLAKE.NET

ERIC PEREA
WISCONSIN DEPT OF TRANSPORATION-STREET LIGHTING
141 NB BARSTOW STREET
WAUKESHA, WI 53187-0798
(262) 574-5422
ERIC.PEREA@DOT.WI.GOV

ANDY DOERFLINGER
WE ENERGIES - ELECTRICITY
500 S 116TH STREET
WEST ALLIS, WI 53214
(414) 944-5695
ANDY.DOERFLINGER@WE-ENERGIES.COM

FULYA KICIKOGLU
WE ENERGIES - GAS/PETROLEUM
500 S 116TH STREET
WEST ALLIS, WI 53214
(414) 751-7287
FULYA.KICIKOGLU@WE-ENERGIES.COM

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

2

OTHER CONTACTS:

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WISCONSIN DEPT OF TRANSPORTATION-PDS
141 NW BARSTOW STREET
WAUKESHA, WI 53188
(262) 521-6721
BRIAN.PLUEMER@DOT.WI.GOV

CRAIG WEBSTER
WISCONSIN DEPT OF NATURAL RESOURCE
141 NW BARSTOW STREET, ROOM 180
WAUKESHA, WI 53188
(262) 574-2141
CRAIG.WEBSTER@WISCONSIN.GOV

CHRISTOPHER HIEBERT
CHIEF TRANSPORTATION ENGINEER
SE WE REGIONAL PLANNING COMMISSION
W239 N1812 ROCKWOOD DRIVE
PO BOX 1607
WAUKESHA, WI 53187-1607
CHIEBERT@SEWRPC.ORG

MARK HINRICHS
TRANSPORTATION MANAGER
KENOSHA ACHIEVEMENT CENTER, INC.
1218 79TH STREET
KENOSHA, WI 53143
(262) 658-9561

CLEMENT ABONGWA
KENOSHA CO DEPT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
19600 75TH STREET
PO BOX 609
BRISTOL, WI 53104
(262) 857-1872

TIM POPANDA
VILLAGE OF PADDOCK LAKE
6969 236TH AVE
SALEM, WI 53168
(262) 843-2713
TPOPANDA@PADDOCKLAKE.NET

DAVID G BETH
KENOSHA COUNTY SHERIFF'S DEPT
1000 55TH STREET
KENOSHA, WI 53140
(262) 653-5100

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

2

2

N

PADDOCK LAKE

VILLAGE OF PADDOCK LAKE

VILLAGE OF SALEM LAKES

END CONSTRUCTION
STA 51+42
MATCH EXISTING
SAW CUT REQ'D

BEGIN PROJECT
STA 994+20

SIGNALIZED INTERSECTION (S30-0042)
REPLACE WITH MONOTUBES

WETLAND

ADDITIONAL LEFT
TURN STORAGE

MEDIAN CLOSURE
(TBD)

STOP CONTROL
ON SIDEROAD

SIGNALIZED INTERSECTION (S30-0527)
REPLACE WITH MONOTUBES

RETAINING WALL
R-30-70

RETAINING WALL
R-30-71

STOP CONTROL
ON SIDEROAD

STOP CONTROL
ON SIDEROAD

RETAINING WALL
R-30-73

STOP CONTROL
ON SIDEROAD

KENOSHA COUNTY
OLD SETTLERS PARK

END PROJECT
STA 1068+21

STOP CONTROL
ON SIDEROAD

995 1000 1005 1010 1015 1020 1025 1030 1035 1040 1045 1050 1055 1060 1065 1070

STH 75

250TH AVE

248TH AVE

246TH AVE

243RD AVE

74TH PL

236TH AVE

STH 50 (75TH ST)

CTH F

WETLAND

DRY DETENTION POND

RIGHT TURN LANE

RIGHT TURN LANE

RAISED MEDIAN EXTENSION

WESTOSHA CENTRAL
HIGH SCHOOL

HIGH SCHOOL
DWY ENTRANCE

244TH AVE

242ND AVE

KENOSHA COUNTY
PARK

WETLAND

SIDEWALK EXTENSION

LEFT TURN LANE

STOP CONTROL
ON SIDEROAD

STOP CONTROL
ON SIDEROAD

MEDIAN CLOSURE
(TBD)

STH 83

EXISTING SHARED USE PATH TO REMAIN

RAISED MEDIAN EXTENSION

BEGIN CONSTRUCTION
STA 44+69
MATCH EXISTING
SAW CUT REQ'D

STOP CONTROL
ON SIDEROAD

SIDEWALK EXTENSION

KENOSHA COUNTY

HOOKER LAKE

LEGEND

WETLAND BOUNDARY

R/W

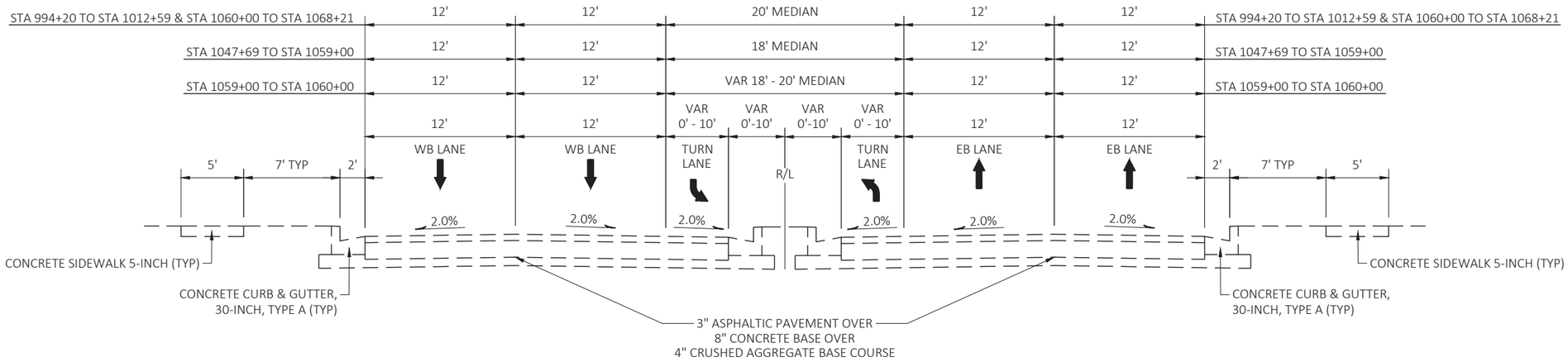
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LAYOUT NAME - 020201_po

PLOT DATE : 7/29/2021 4:27 PM PLOT BY : BLACKWOOD, JAMES X PLOT NAME : PLOT SCALE : 1 IN:500 FT

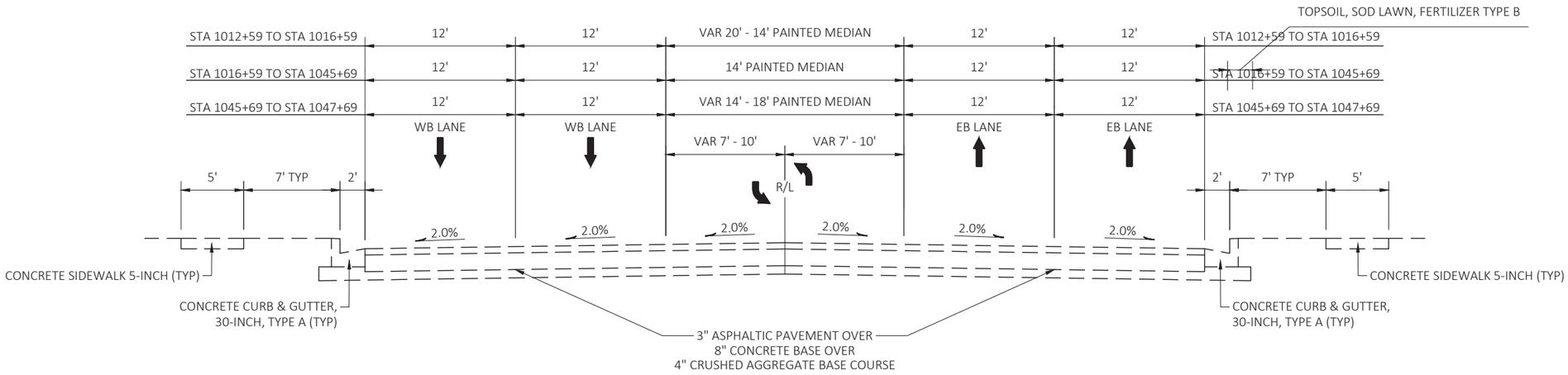
WISDOT/CADDS SHEET 42

2



EXISTING TYPICAL SECTION - STH 50

STA 994+20 TO STA 1012+59
STA 1047+69 TO STA 1068+21



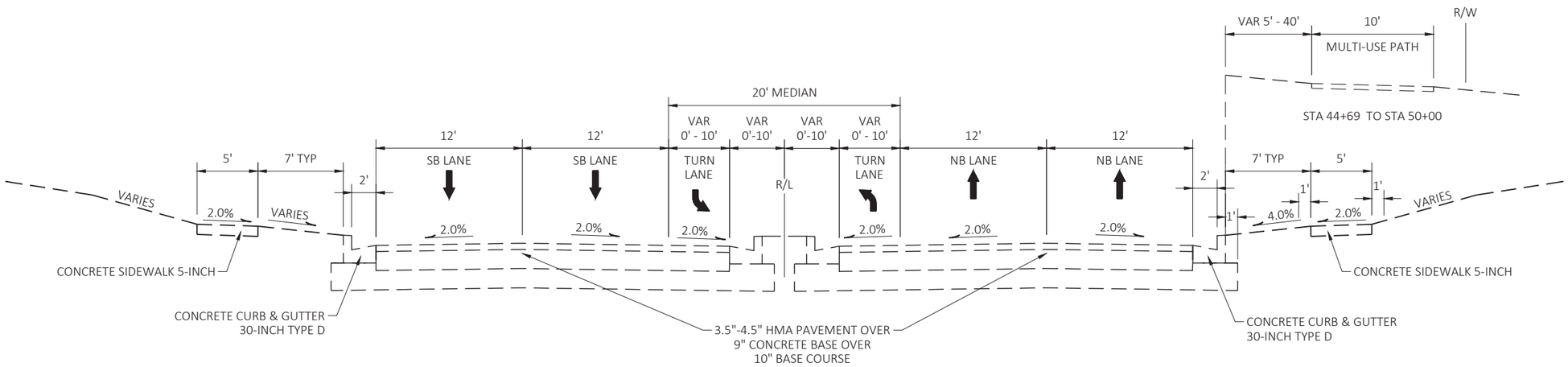
EXISTING TYPICAL SECTION - STH 50

STA 1012+59 TO STA 1047+69

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TYPICAL SECTIONS	SHEET 6	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 020301_ts
PLOT DATE : 8/2/2021 9:19 PM
PLOT BY : BLACKWOOD, JAMES X
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

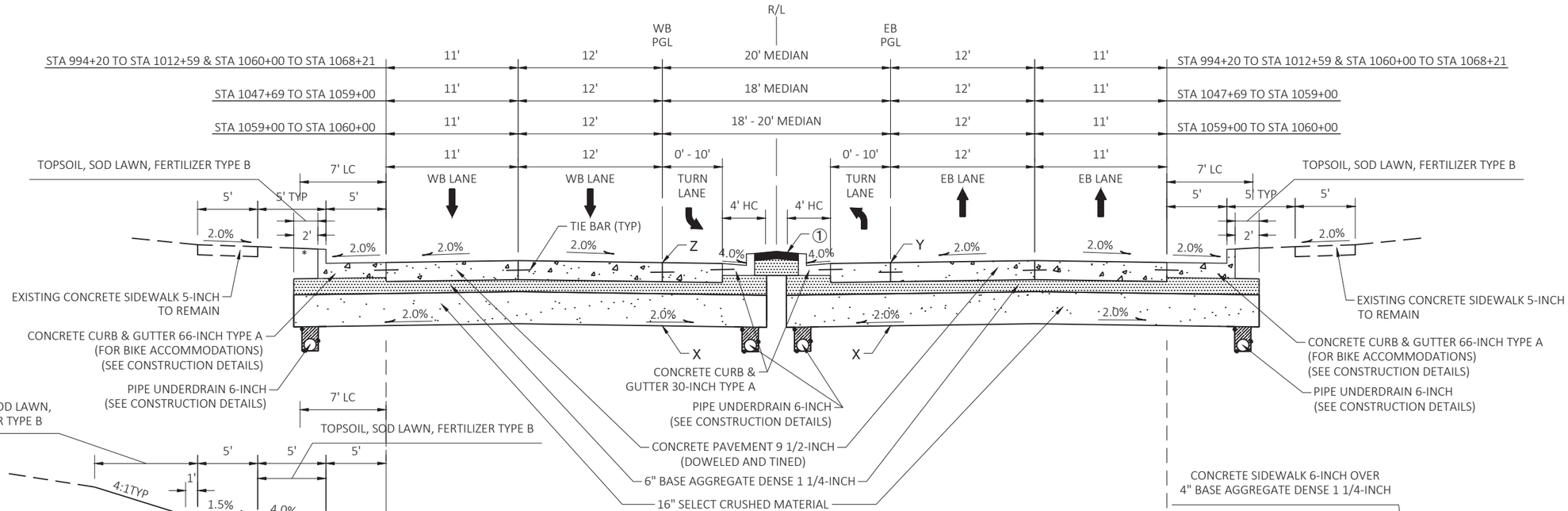


EXISTING TYPICAL SECTION - STH 75/STH 83

STA 44+69 TO STA 51+42

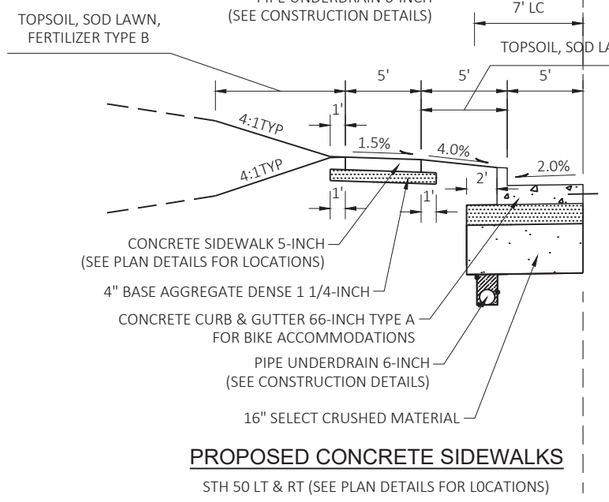
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TYPICAL SECTIONS	SHEET 7	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 020302_ts
PLOT DATE : 8/2/2021 9:19 PM
PLOT BY : BLACKWOOD, JAMES X
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



PROPOSED TYPICAL SECTION - STH 50

STA 994+20 TO STA 1016+62
STA 1047+56 TO STA 1068+21
(DESIGN SPEED = 40 MPH)



PROPOSED CONCRETE SIDEWALKS

STH 50 LT & RT (SEE PLAN DETAILS FOR LOCATIONS)

NOTES:

① SOD LAWN OR CONCRETE SIDEWALK 5-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH (SEE PLAN DETAILS FOR LOCATIONS)

X = SUBGRADE POINT REFERRED TO ON CROSS SECTIONS

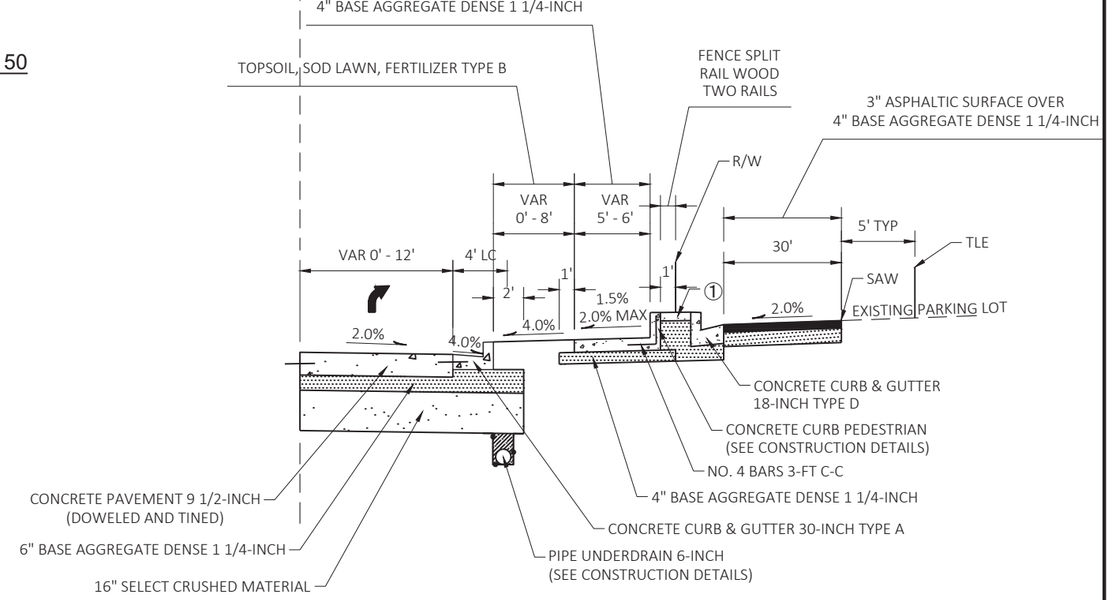
Y = POINT REFERRED TO ON EB PROFILE

Z = POINT REFERRED TO ON WB PROFILE

HC = HORIZONTAL CLEARANCE

LC = LATERAL CLEARANCE

PAVEMENT STRUCTURE EXTENDS TO SIDEROAD CURB AND GUTTER RADIUS RETURN (TYP)
(SEE PLAN DETAILS SHEETS)

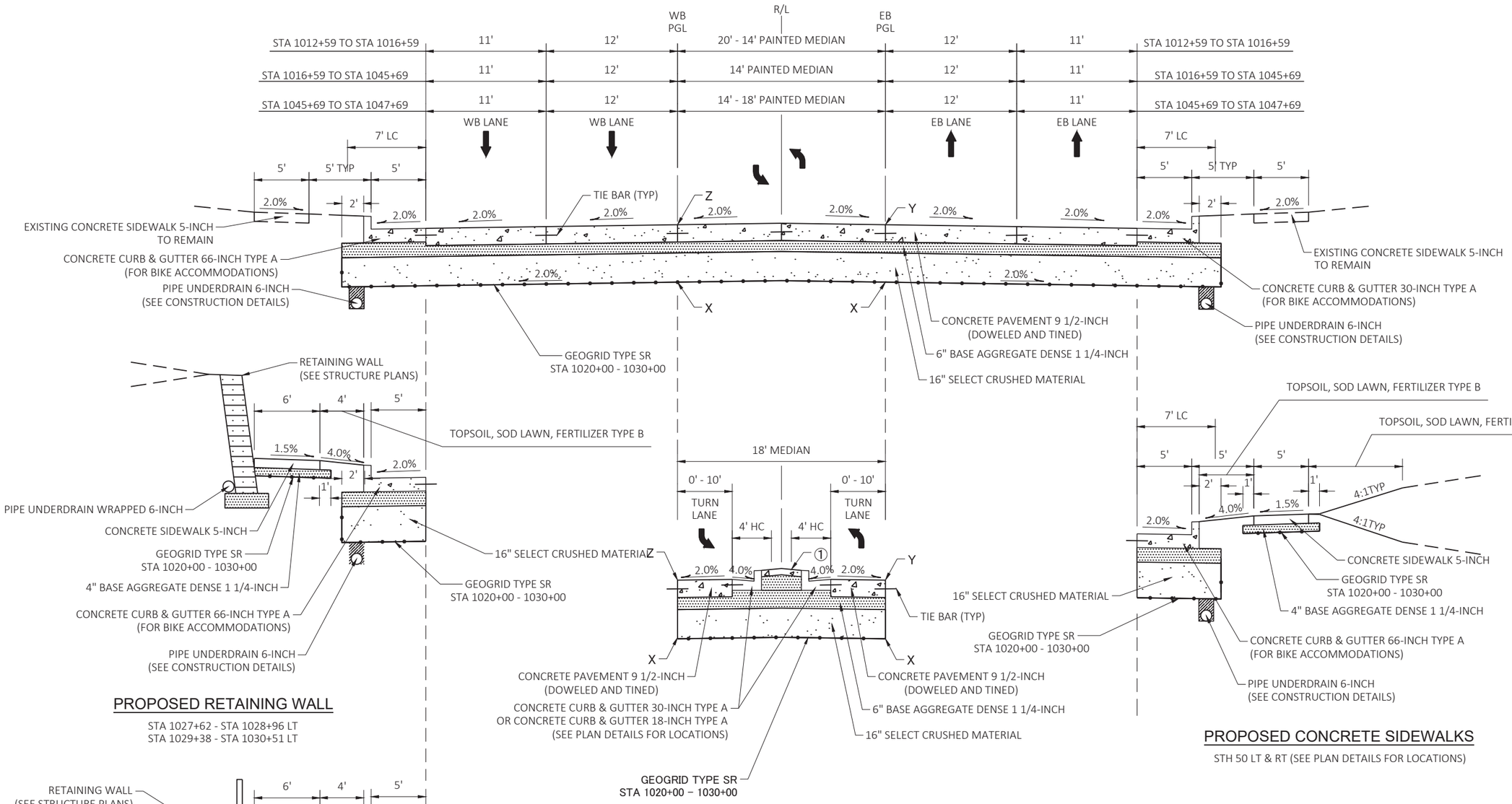


PROPOSED RIGHT TURN LANE - STH 50

STA 1000+25 TO STA 1005+81 RT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TYPICAL SECTIONS	SHEET 8	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\020301_TS.DWG
LAYOUT NAME - 020303_ts
PLOT DATE : 8/2/2021 9:19 PM
PLOT BY : BLACKWOOD, JAMES X
PLOT NAME :
PLOT SCALE : ##########



PROPOSED RETAINING WALL

STA 1027+62 - STA 1028+96 LT
STA 1029+38 - STA 1030+51 LT

PROPOSED RETAINING WALL

STA 1043+52 - STA 1044+40 LT

PROPOSED RAISED MEDIAN

STA 1026+00 TO STA 1026+41
STA 1031+36 TO STA 1039+00

PROPOSED TYPICAL SECTION - STH 50

STA 1016+62 TO STA 1047+56
(DESIGN SPEED = 40 MPH)

PROPOSED CONCRETE SIDEWALKS

STH 50 LT & RT (SEE PLAN DETAILS FOR LOCATIONS)

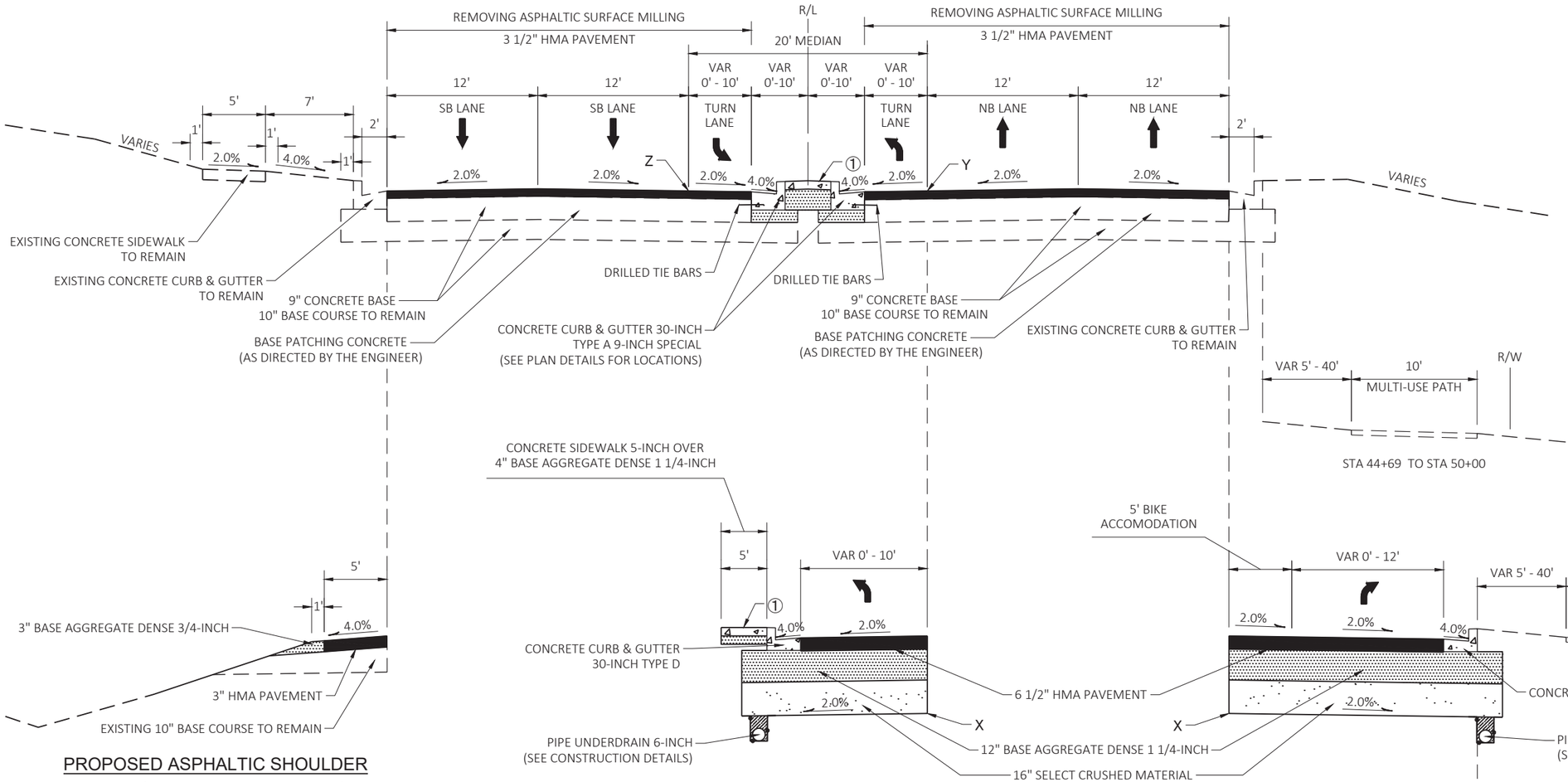
NOTES:

1. SOD LAWN OR CONCRETE SIDEWALK 5-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH (SEE PLAN DETAILS FOR LOCATIONS)

X = SUBGRADE POINT REFERRED TO ON CROSS SECTIONS
Y = POINT REFERRED TO ON EB PROFILE
Z = POINT REFERRED TO ON WB PROFILE
HC = HORIZONTAL CLEARANCE
LC = LATERAL CLEARANCE
PAVEMENT STRUCTURE EXTENDS TO SIDEROAD CURB AND GUTTER RADIUS RETURN (TYP)
(SEE PLAN DETAILS SHEETS)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TYPICAL SECTIONS	SHEET 9	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\020301_TS.DWG
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PLOT BY : BLACKWOOD, JAMES X
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

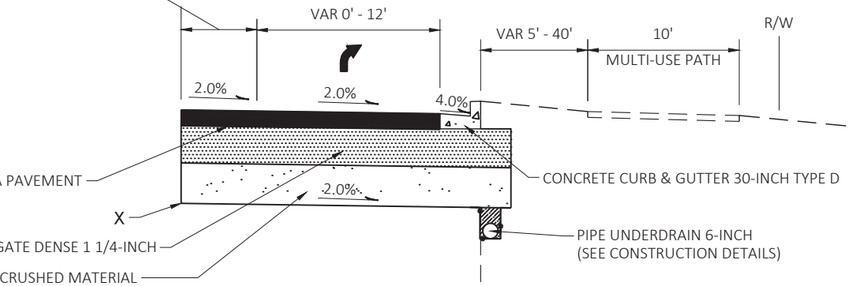


PROPOSED ASPHALTIC SHOULDER

STH 83 LT (SEE PLAN DETAILS FOR LOCATIONS)
STA 44+69 TO STA 46+00 LT

PROPOSED LEFT TURN LANE - STH 83

STA 44+69 TO STA 48+50

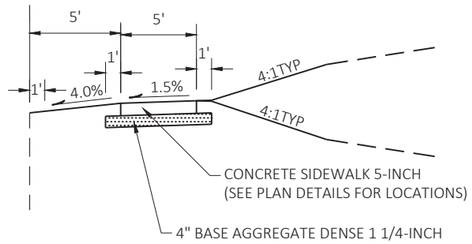


PROPOSED RIGHT TURN LANE - STH 83

STA 45+36 TO STA 48+62

PROPOSED TYPICAL SECTION - STH 75/STH 83

STA 44+69 TO STA 48+62



NOTES:

① SOD LAWN OR CONCRETE SIDEWALK 5-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH (SEE PLAN DETAILS FOR LOCATIONS)

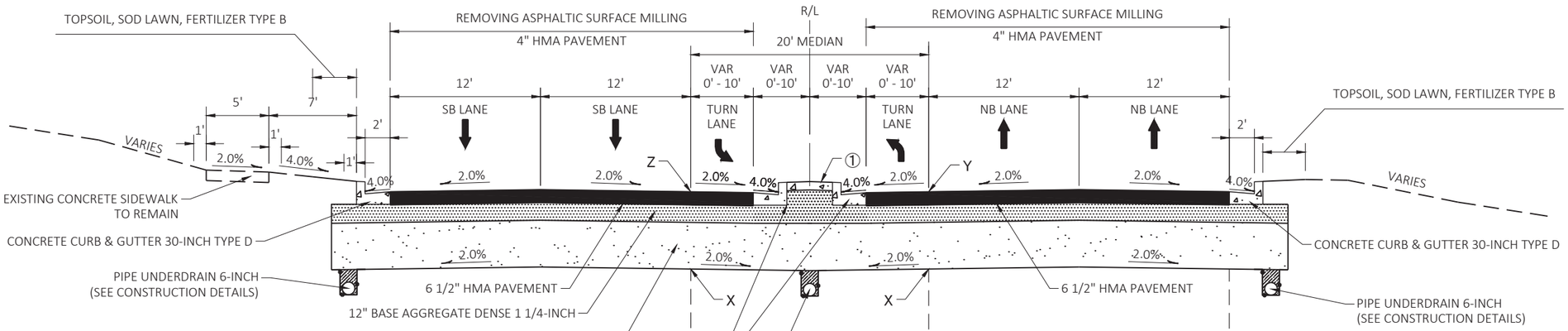
X = SUBGRADE POINT REFERRED TO ON CROSS SECTIONS

Y = POINT REFERRED TO ON NB PROFILE

Z = POINT REFERRED TO ON SB PROFILE

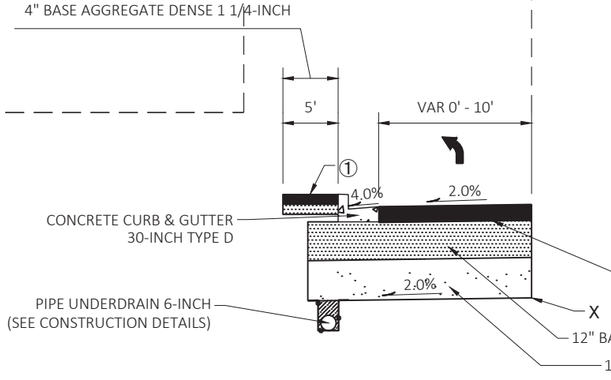
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TYPICAL SECTIONS	SHEET 10	E

2



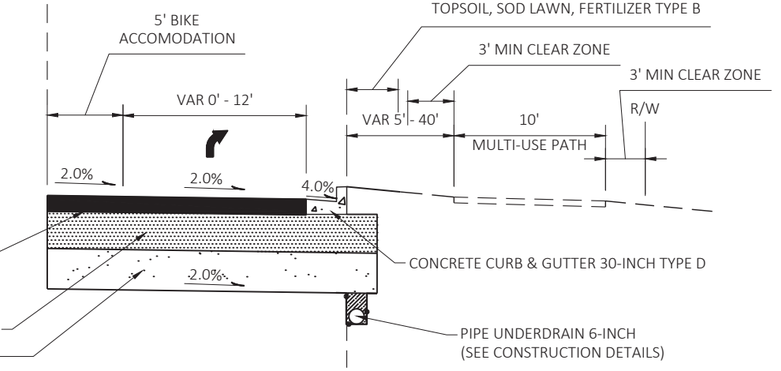
PROPOSED TYPICAL SECTION - STH 75/STH 83

STA 47+68 TO STA 48+56 RT
STA 48+08 TO STA 49+23 LT
STA 50+76 TO STA 51+42 RT
STA 51+80 TO STA 51+90 LT



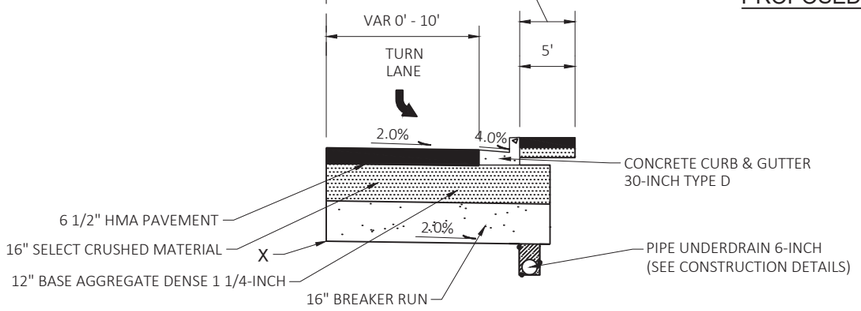
PROPOSED LEFT TURN LANE - STH 83 NB

STA 47+68 TO STA 48+56



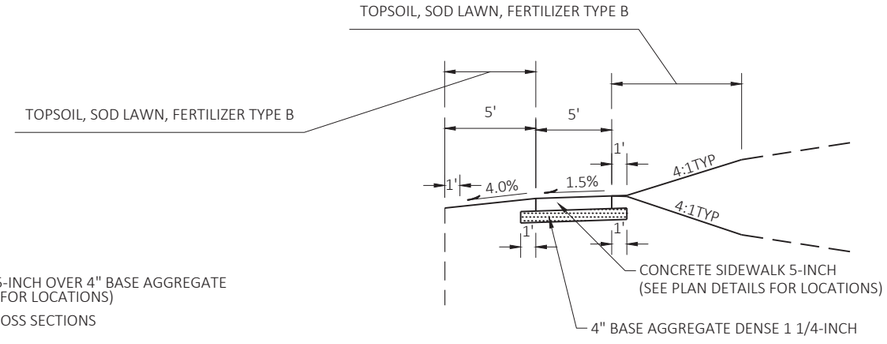
PROPOSED RIGHT TURN LANE - STH 83 NB

STA 47+68 TO STA 48+56



PROPOSED LEFT TURN LANE - STH 75 SB

STA 51+80 TO STA 51+90 LT



NOTES:

① SOD LAWN OR CONCRETE SIDEWALK 5-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH (SEE PLAN DETAILS FOR LOCATIONS)

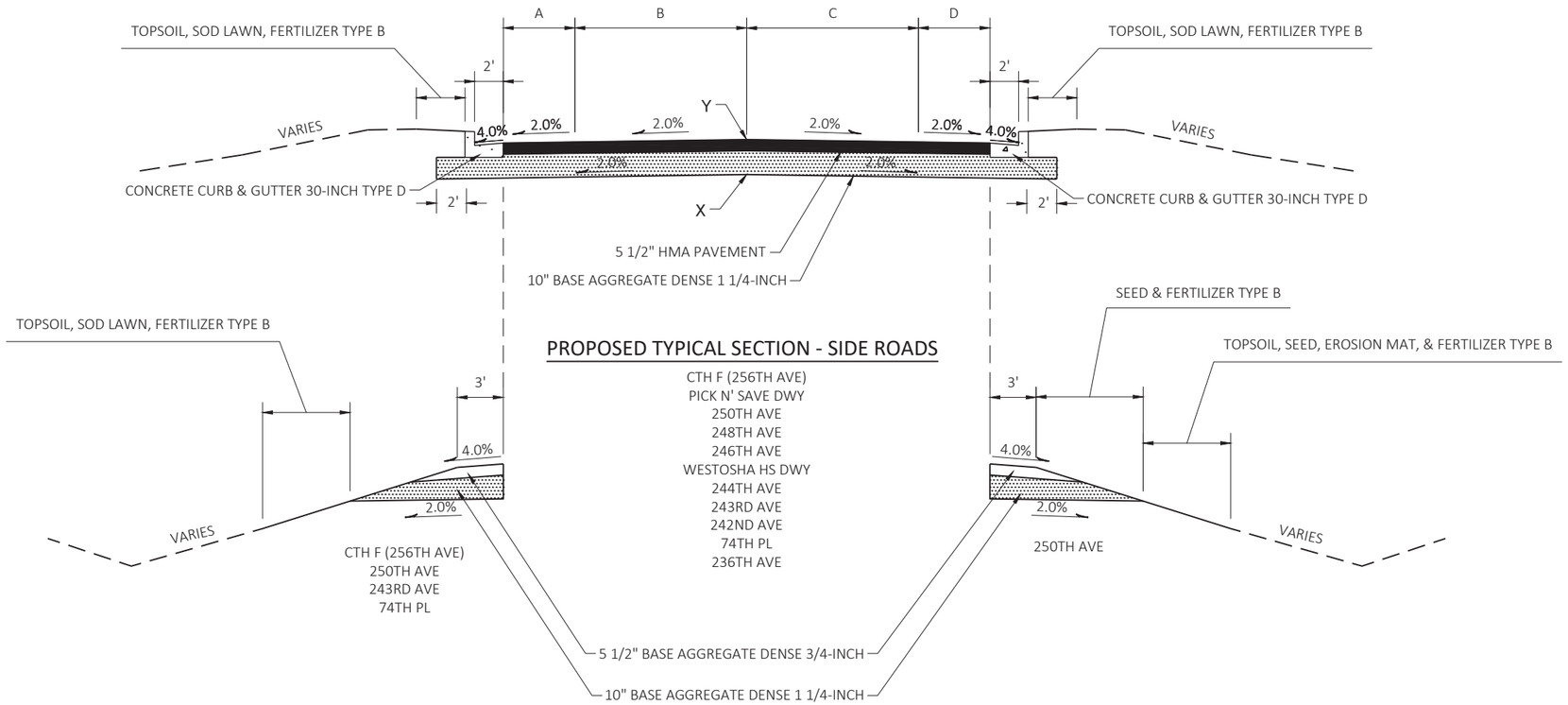
X = SUBGRADE POINT REFERRED TO ON CROSS SECTIONS

Y = POINT REFERRED TO ON NB PROFILE

Z = POINT REFERRED TO ON SB PROFILE

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TYPICAL SECTIONS	SHEET 11	E

2



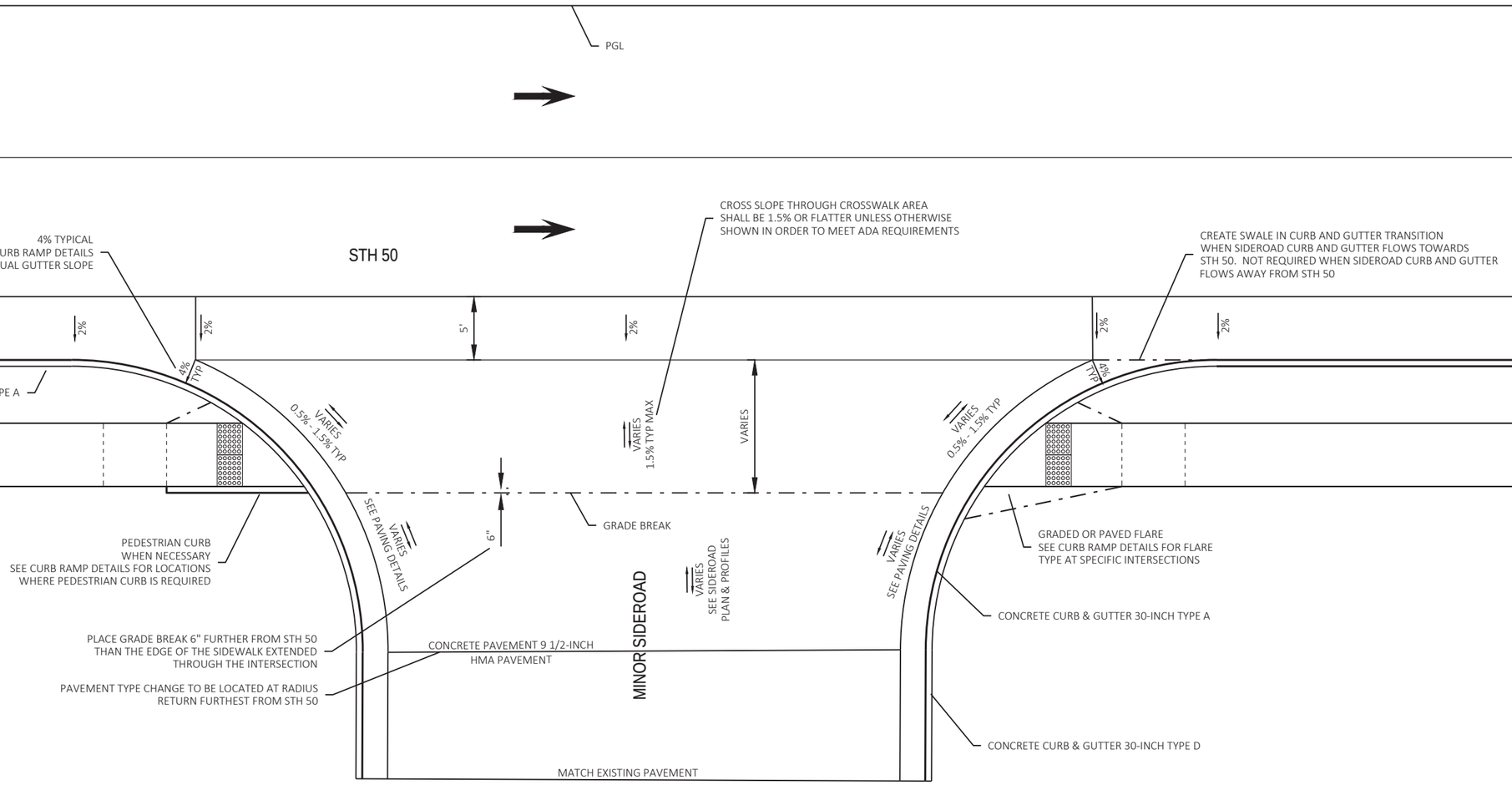
PROPOSED TYPICAL SECTION - SIDE ROADS

CTH F (256TH AVE)
PICK N' SAVE DWY
250TH AVE
248TH AVE
246TH AVE
WESTOSHA HS DWY
244TH AVE
243RD AVE
242ND AVE
74TH PL
236TH AVE

ROADWAY	CLEAR ZONE	TYPICAL WIDTH			
		A	B	C	D
CTH F (256TH AVE)	10'	3'	12'	12'	12'
STH 83	SEE TYPICAL SECTIONS				
STH 75	SEE TYPICAL SECTIONS				
PICK N' SAVE DWY	N/A	0'	15.5'	15'	15'
250TH AVE	10'	8.9'	12'	12'	7.7'
248TH AVE	10'	13.8'	12'	12'	13.8'
246TH AVE	10'	5.1'	12'	12'	6'
WESTOSHA HS DWY	N/A	0'	12'	12'	0
244TH AVE	10'	7.5'	12'	10'	9'
243RD AVE	10	7'	12'	12'	7'
242ND AVE	10'	8'	12'	12'	8'
74TH PL	10'	0'	12.5'	12.5'	0'
236TH AVE	10'	9.6'	12'	12'	8.9'

NOTES:
X = SUBGRADE POINT REFERRED TO ON CROSS SECTIONS
Y = POINT REFERRED TO ON PROFILE

2



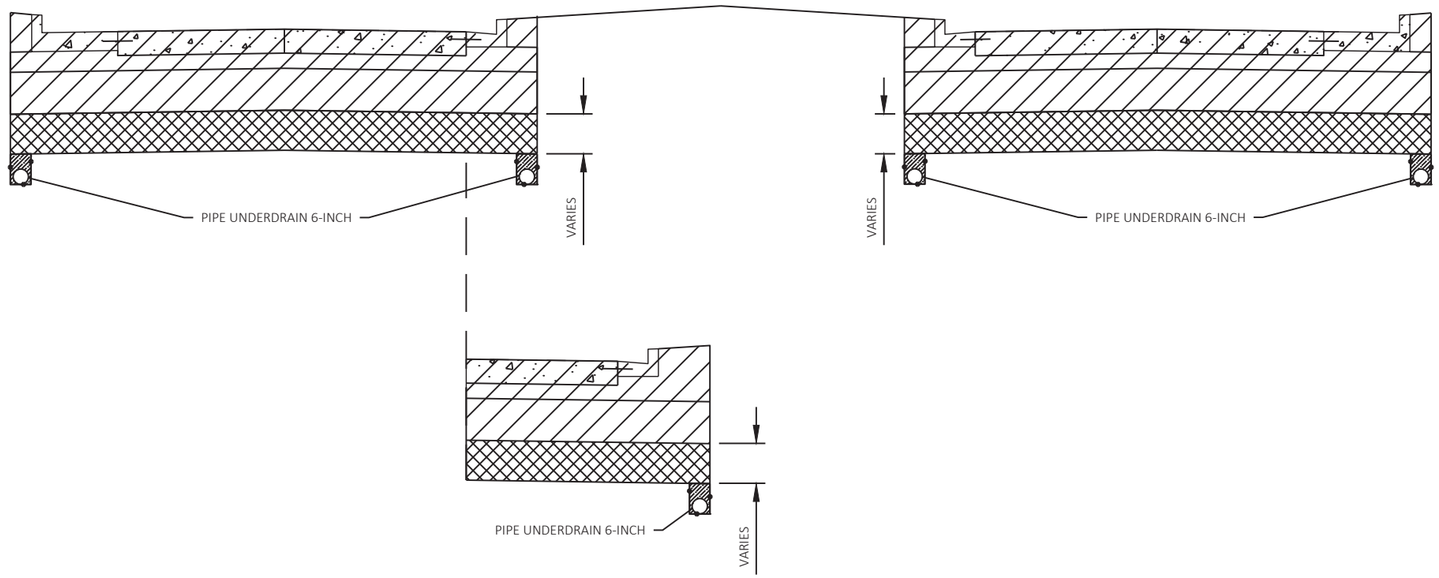
TYPICAL MINOR SIDEROAD DETAIL

CTH F
250TH AVENUE
248TH AVENUE
HIGH SCHOOL WEST DRIVEWAY
246TH AVENUE
244TH AVENUE
243RD AVENUE
242ND AVENUE
74TH PLACE
236TH AVENUE

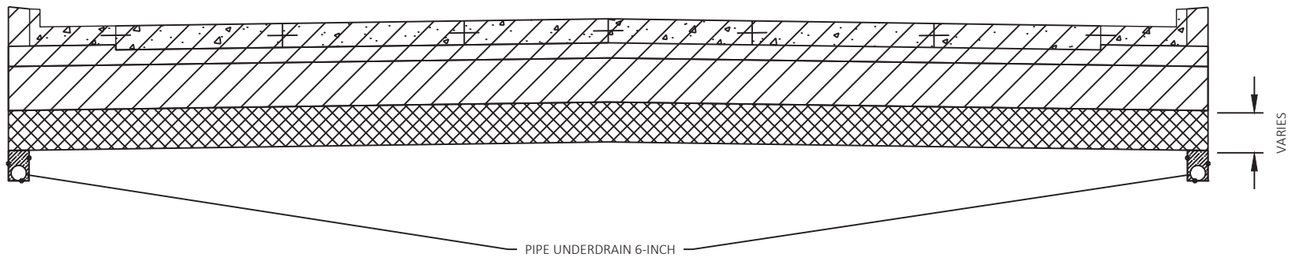
NOTE:
SEE PAVING DETAILS, PAVEMENT GRADES, AND CURB RAMP DETAILS
FOR RADII, DIMENSIONS, AND SLOPES AT A SPECIFIC LOCATION

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CONSTRUCTION DETAILS	SHEET 13	E

2



EXCAVATION BELOW SUBGRADE - STH 50



EXCAVATION BELOW SUBGRADE - STH 50

NOTES:

EXACT EBS LOCATIONS TO BE DETERMINED BY THE FIELD ENGINEER

GEOGRID TO BE PLACED ON SUBGRADE FROM STA 1020+00 - STA 1030+00

EXCAVATION REQUIRED FOR EBS OR SELECT SUBGRADE IMPROVEMENT SHALL BE PAID FOR AS EXCAVATION COMMON

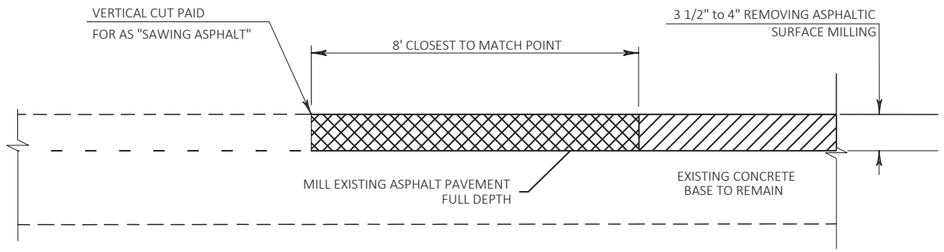
FILL EBS AND SELECT SUBRADE IMPROVEMENT VOID WITH SELECT CRUSHED MATERIAL.

UNDERDRAIN TO EXTEND 50 FEET OUT FROM AVAIBLE INLETS AT LOW POINTS.

NORMAL ROADWAY EXCAVATION
(AS SHOWN ON CROSS SECTIONS)

EXCAVATION BELOW SUBGRADE (EBS)
TO BE DETERMINED BY THE ENGINEER

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CONSTRUCTION DETAILS	SHEET 14	E



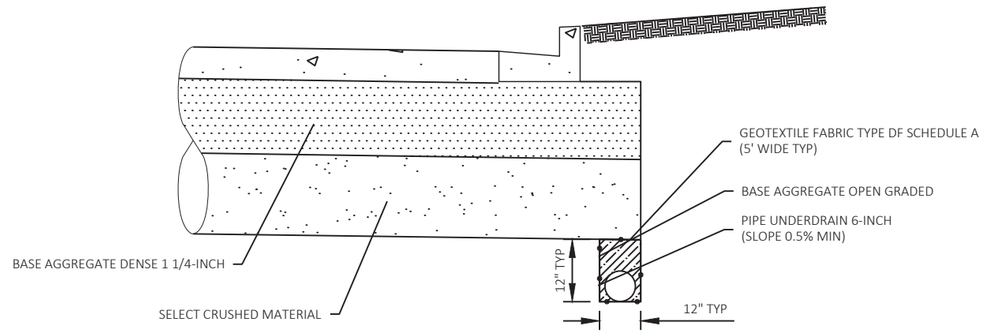
MILLING DETAIL - STH 75 & STH 83

SEE PLAN DETAILS FOR LOCATIONS

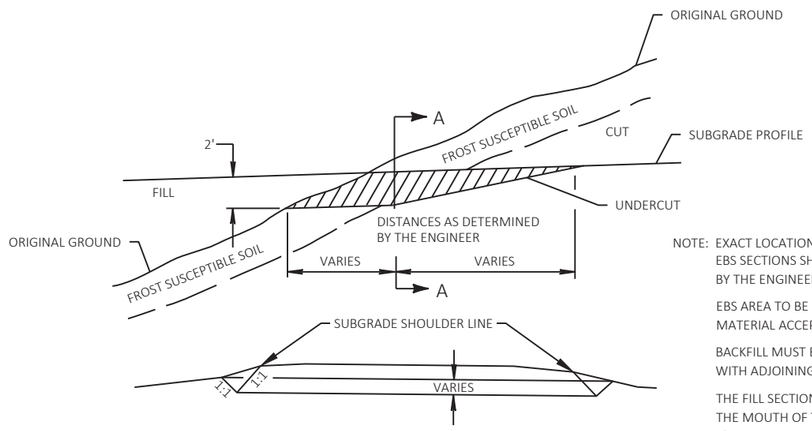
LEGEND

REMOVING ASPHALTIC SURFACE MILLING

REMOVING ASPHALTIC SURFACE BUTT JOINTS



PIPE UNDERDRAIN 6-INCH



SECTION A-A

CROSS SECTION SHOWING UNDERCUT

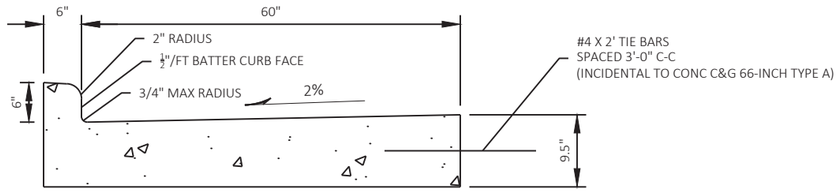
NOTE: EXACT LOCATIONS AND EXTENT OF EBS SECTIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD

EBS AREA TO BE BACKFILLED WITH MATERIAL ACCEPTABLE TO THE ENGINEER

BACKFILL MUST BE HOMOGENEOUS WITH ADJOINING FILL MATERIAL

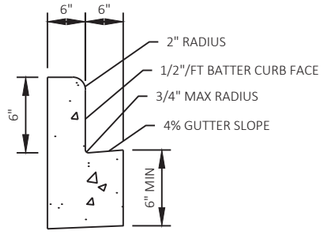
THE FILL SECTION WITHIN 100' OF THE MOUTH OF THE CUT MUST BE KEPT 2' BELOW SUBGRADE UNTIL EBS IS COMPLETED

CUT TO FILL TRANSITION



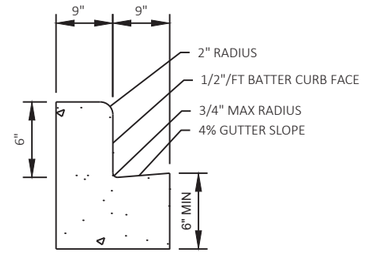
CONCRETE CURB & GUTTER 66-INCH TYPE A

SEE PLAN DETAILS FOR LOCATIONS



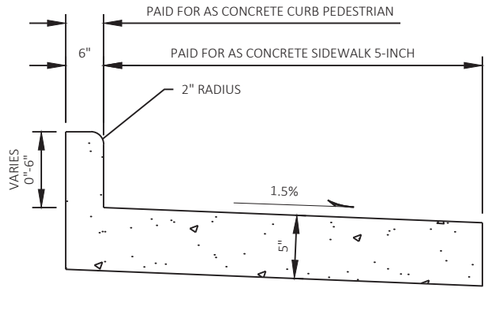
CONCRETE CURB & GUTTER 12-INCH TYPE D

SEE PLAN DETAILS FOR LOCATIONS



CONCRETE CURB & GUTTER 9-INCH PAN 18-INCH TYPE D

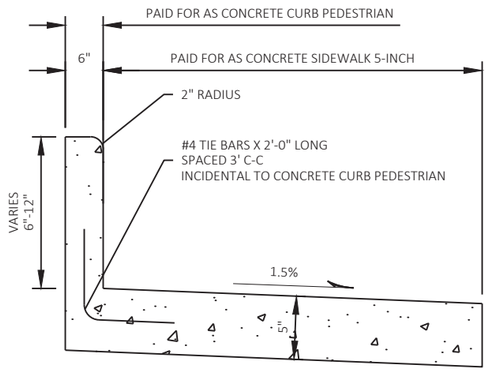
SEE PLAN DETAILS FOR LOCATIONS



CONCRETE CURB PEDESTRIAN 0-INCH TO 6-INCH HEIGHT

PAID FOR AS CONCRETE CURB PEDESTRIAN

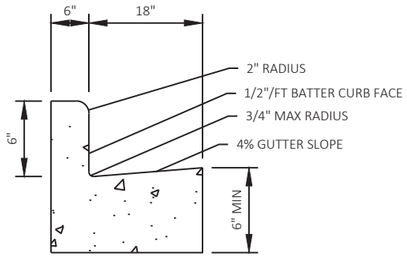
SEE PLAN DETAILS FOR LOCATIONS



CONCRETE CURB PEDESTRIAN 6-INCH TO 12-INCH HEIGHT

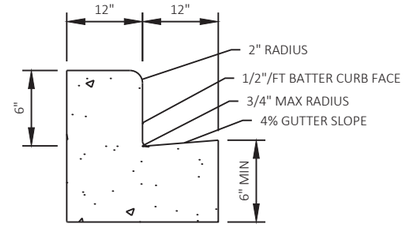
PAID FOR AS CONCRETE CURB PEDESTRIAN

SEE PLAN DETAILS FOR LOCATIONS



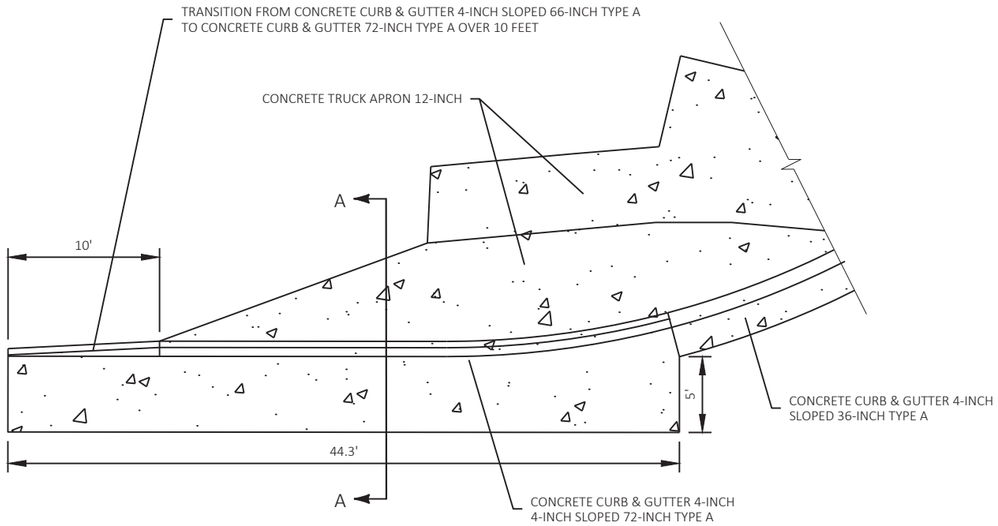
CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D

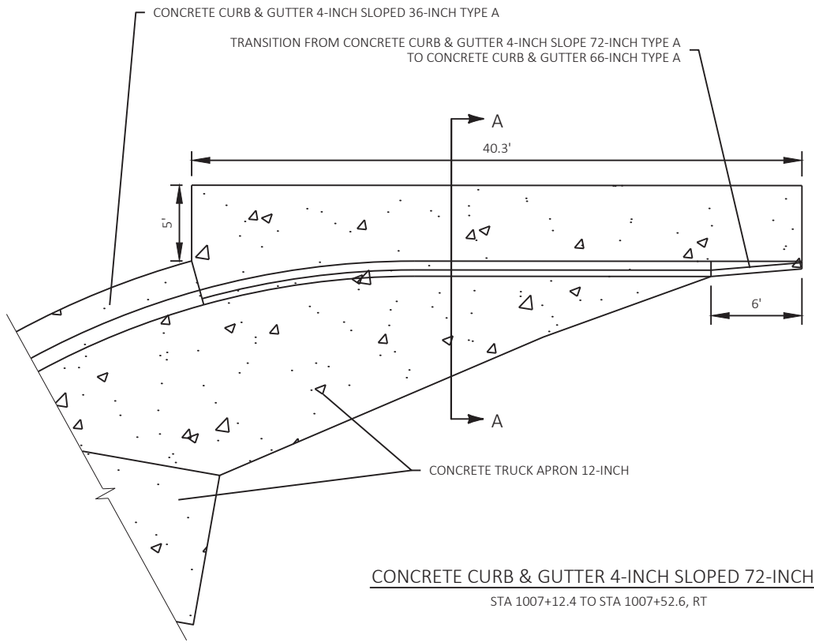
SEE PLAN DETAILS FOR LOCATIONS



CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D

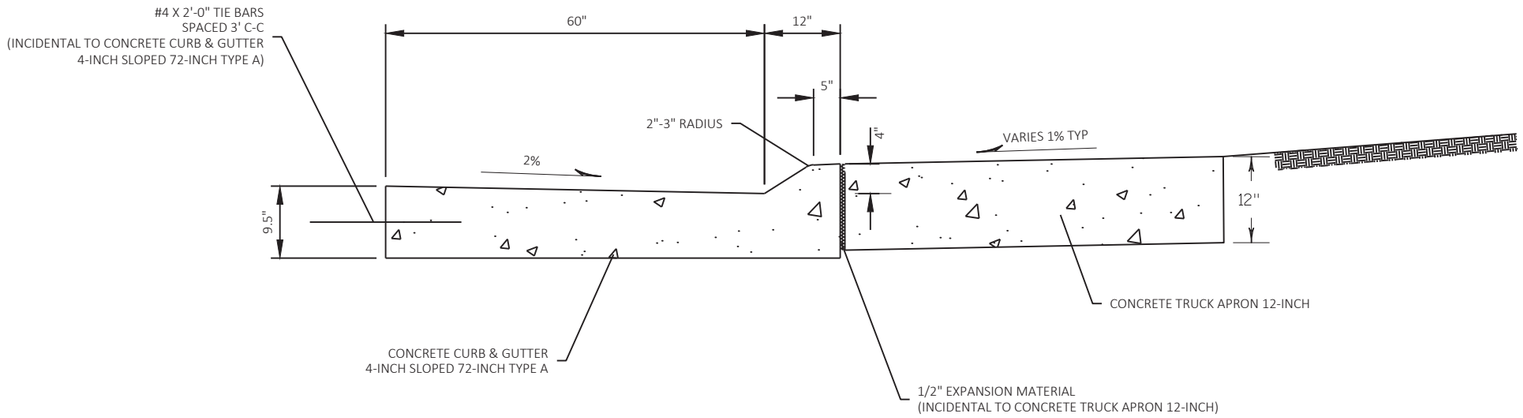
SEE PLAN DETAILS FOR LOCATIONS





CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A

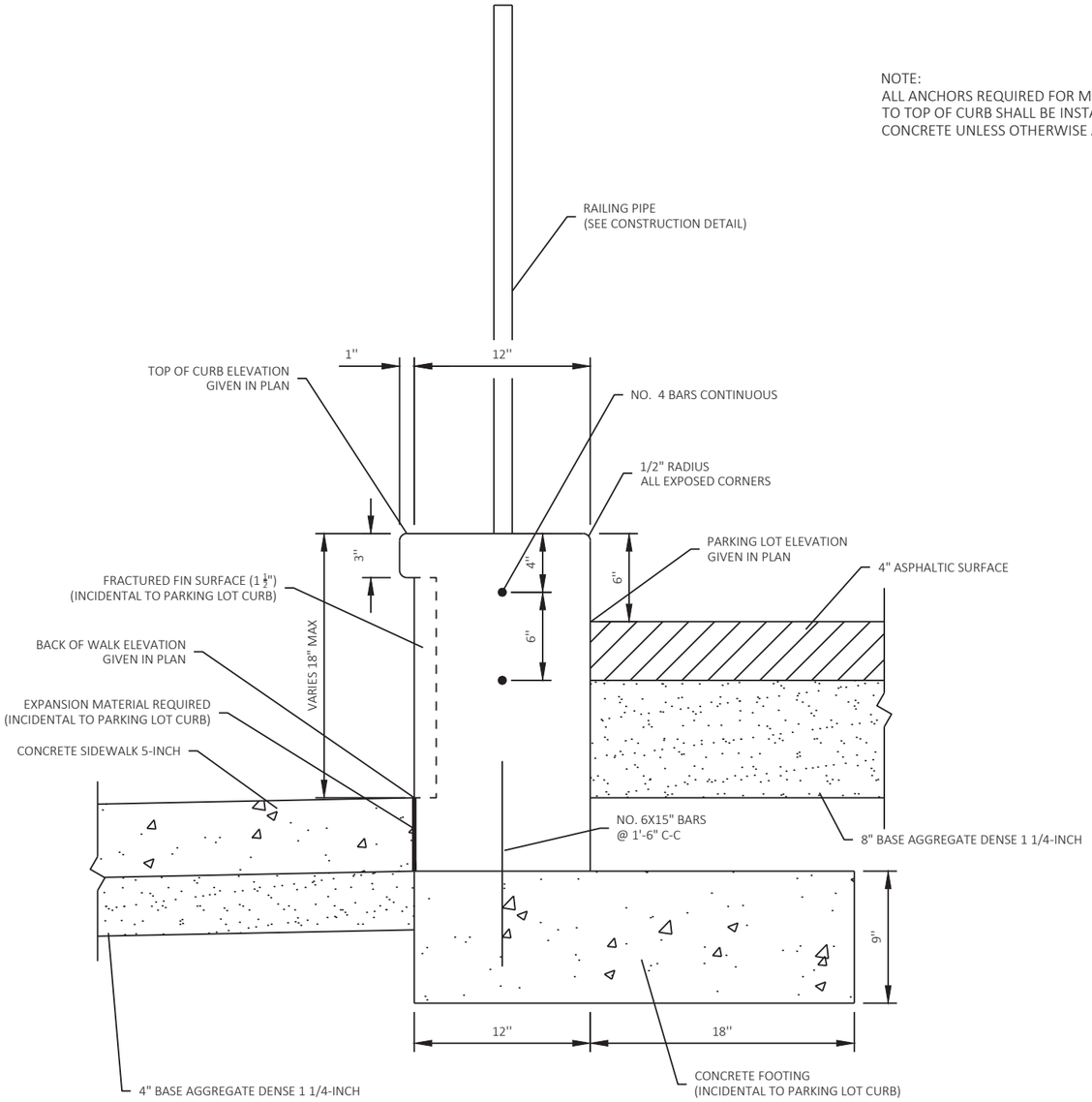
STA 1007+12.4 TO STA 1007+52.6, RT



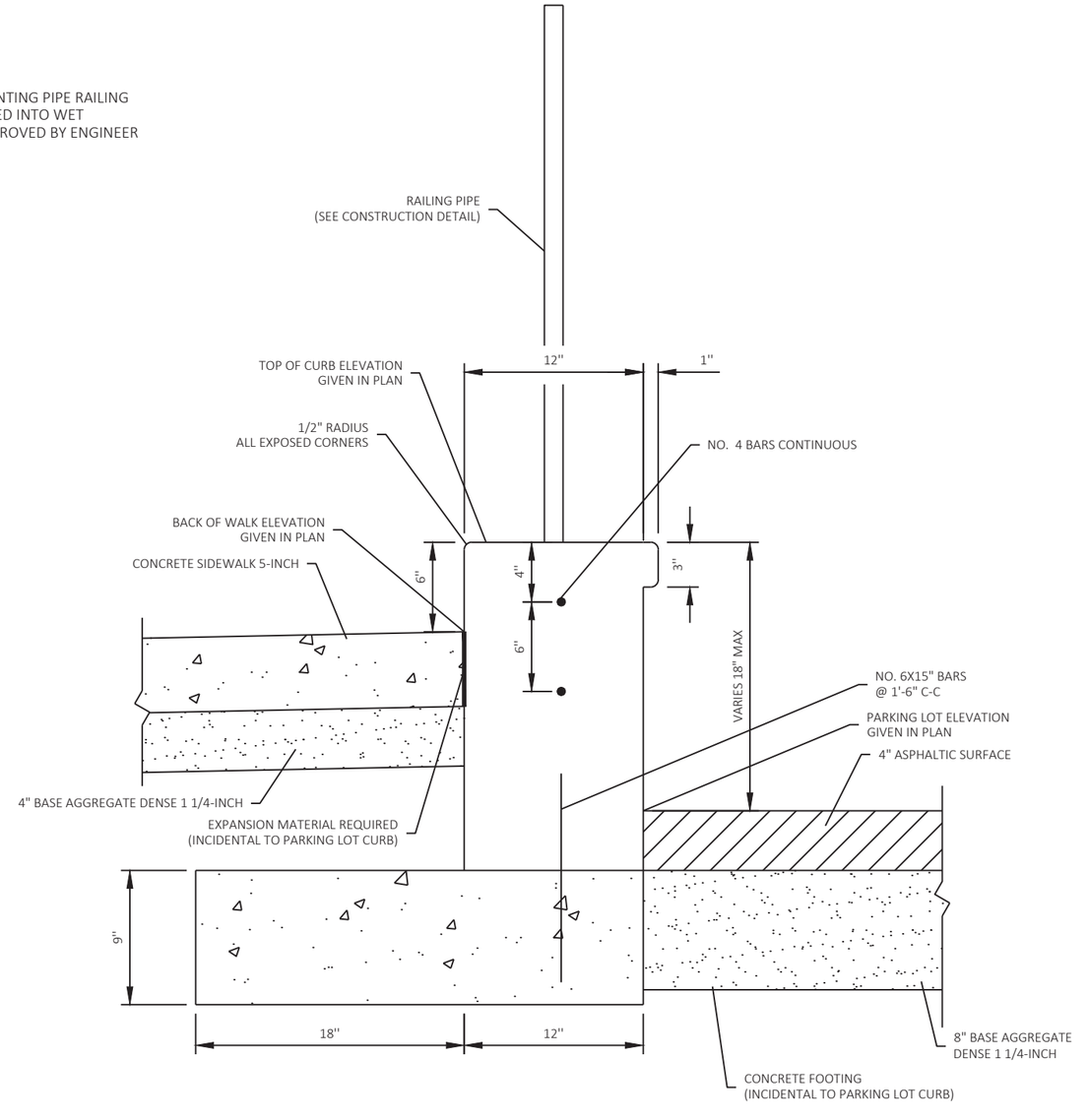
SECTION A-A

2

NOTE:
ALL ANCHORS REQUIRED FOR MOUNTING PIPE RAILING TO TOP OF CURB SHALL BE INSTALLED INTO WET CONCRETE UNLESS OTHERWISE APPROVED BY ENGINEER



PARKING LOT HIGHER THAN SIDEWALK

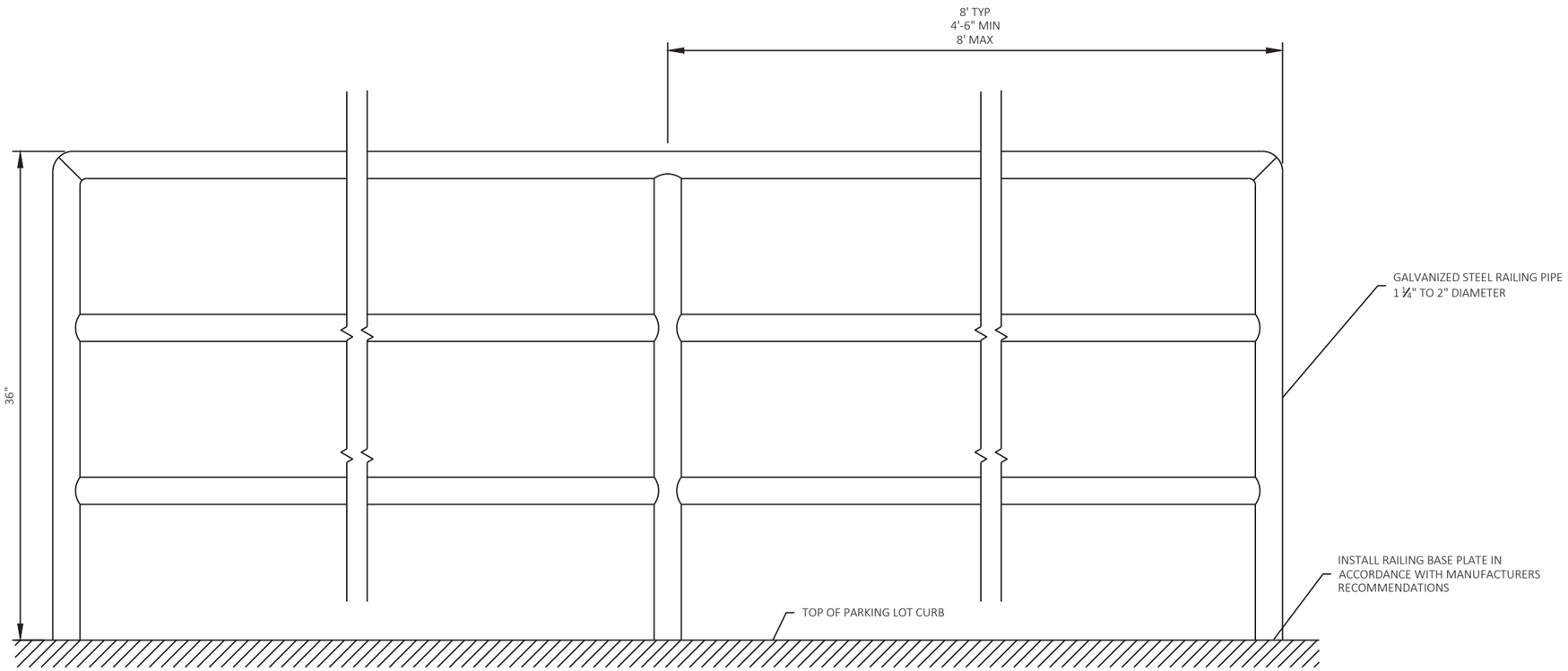


SIDEWALK HIGHER THAN PARKING LOT

PARKING LOT CURB

SEE PLAN DETAILS FOR LOCATIONS

2



ELEVATION VIEW

NOTES:

1. SEE CONSTRUCTION DETAILS FOR DIMENSIONS AND AT EACH LOCATION.
2. PROVIDE SHOP DRAWINGS FOR ALL RAILING COMPONENTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING OR FABRICATING RAILING COMPONENTS.
3. ALL RAILINGS SHALL BE GALVANIZED STEEL.
4. RAILINGS SHALL BE MOUNTED TO THE TOP OF THE CONCRETE PARKING LOT CURB.
5. RAILINGS SHALL BE MOUNTED TO CONCRETE USING ANCHOR BOLTS AND A BASE PLATE. VERTICAL MEMBER OF RAILING SHALL NOT BE EMBEDDED DIRECTLY INTO CONCRETE.
6. PLACE ANCHOR BOLTS FOR RAILING INTO CONCRETE IN ACCORDANCE WITH SECTION 513. PLACE ANCHOR BOLTS DURING CONCRETE PLACEMENT UNLESS OTHERWISE APPROVED BY THE ENGINEER.
7. GRIND AND SMOOTH ALL CONNECTIONS OF SECTIONS OF PIPE.
8. A MINIMUM OF A 1/8" RADIUS IS REQUIRED AT ALL ANGLES OR CORNERS IN THE PIPE. THE ACTUAL RADIUS USED SHALL BE DETERMINED BY THE MANUFACTURER.

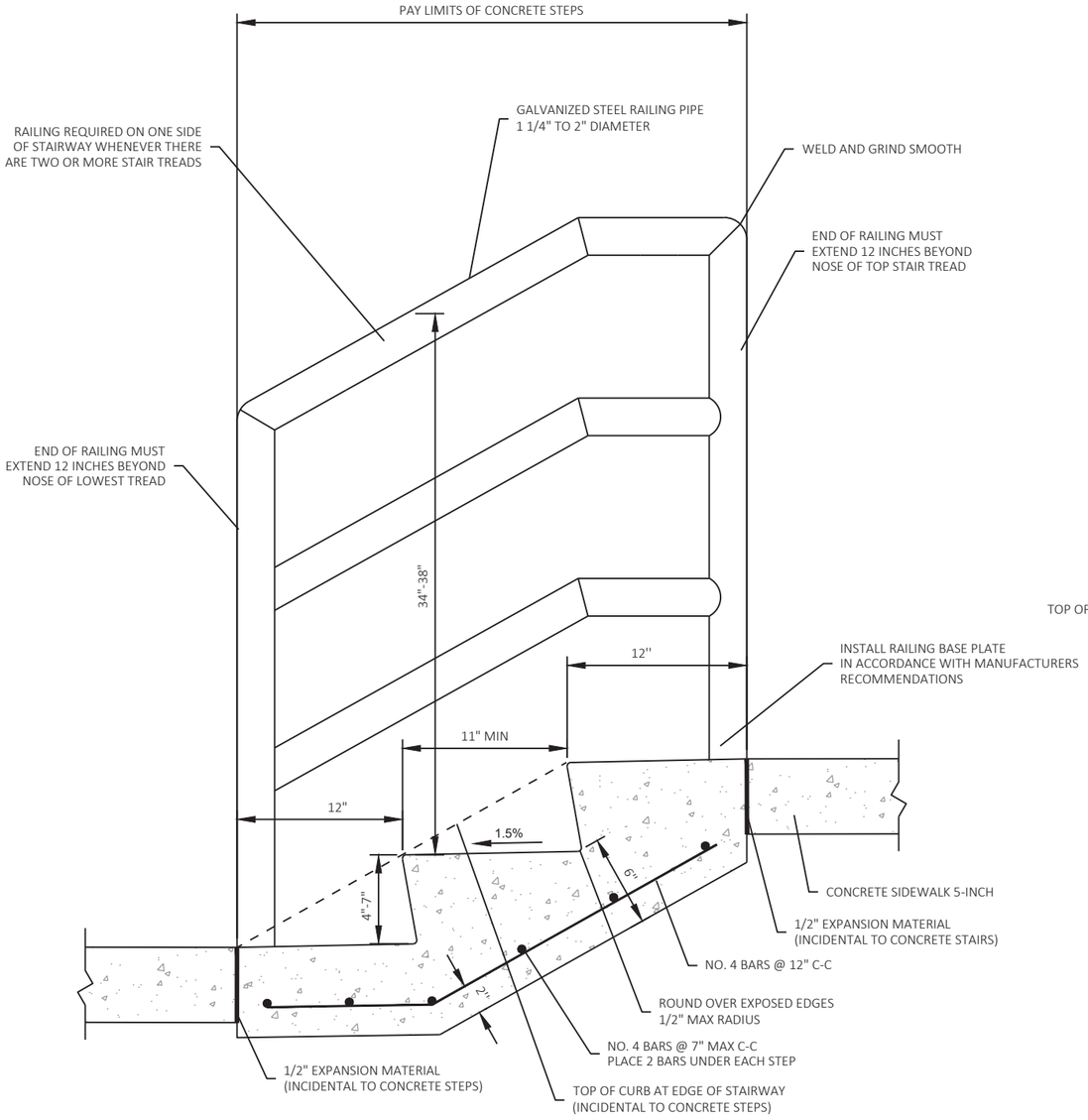
RAILING PIPE DETAIL

SEE PLAN DETAILS FOR LOCATIONS

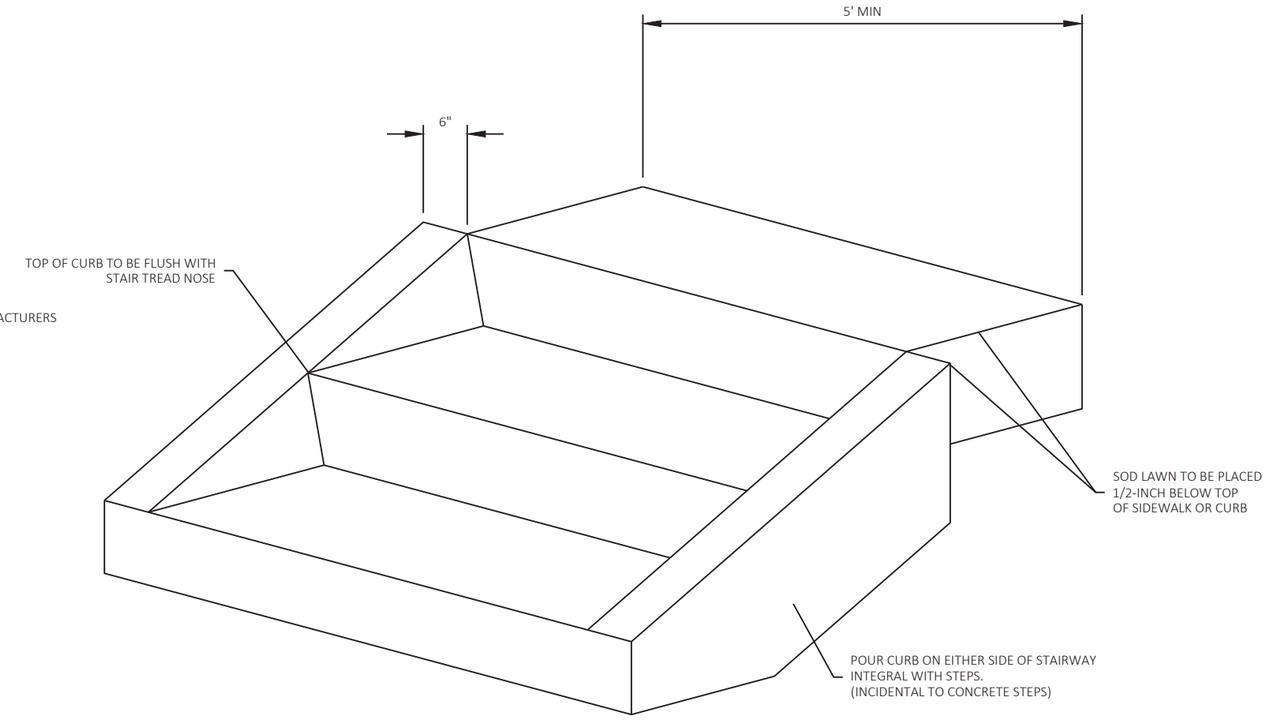
2

NOTES:

1. ALL STAIRWAY AND RAILING CONSTRUCTION SHALL MEET AMERICANS WITH DISABILITIES ACT REQUIREMENTS AND ALL LOCAL BUILDING CODES.
2. SEE CONSTRUCTION DETAILS FOR DIMENSIONS AND ELEVATIONS AT EACH STAIRWAY LOCATION.
3. PROVIDE SHOP DRAWINGS FOR ALL RAILING COMPONENTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING OR FABRICATING RAILING COMPONENTS.
4. ALL RAILINGS SHALL BE GALVANIZED STEEL.
5. RAILINGS SHALL BE MOUNTED TO THE STAIR TREAD AND NOT THE CURB ADJACENT TO THE STAIRWAY.
6. A RAILING IS REQUIRED ON BOTH SIDES OF OF A STAIRWAY.
7. RAILING HEIGHT SHALL BE MEASURED FROM THE NOSE OF EACH STAIR TREAD. THE HEIGHT SHALL BE CONSISTENT AT EACH STAIR TREAD.
8. THE HEIGHT OF STAIR RISERS FOR A STAIRWAY SHALL BE THE SAME HEIGHT FOR ALL RISER
9. A 1/2"EXPANSION JOINT IS REQUIRED BETWEEN ALL COLD JOINTS. EXPANSION MATERIAL IS INCIDENTAL TO CONCRETE STEPS.
10. ALL STEEL REINFORCEMENT IS INCIDENTAL TO CONCRETE STEPS.
11. RAILINGS SHALL BE MOUNTED TO STAIRWAY USING ANCHOR BOLTS AND A BASE PLATE. VERTICAL MEMBER OF RAILING SHALL NOT BE EMBEDDED DIRECTLY INTO CONCRETE STEPS.
12. PLACE ANCHOR BOLTS FOR RAILING INTO CONCRETE IN ACCORDANCE WITH SECTION 513. PLACE ANCHOR BOLTS DURING CONCRETE PLACEMENT UNLESS OTHERWISE APPROVED BY THE ENGINEER.
13. GRIND AND SMOOTH ALL CONNECTIONS OF SECTIONS OF PIPE.
14. A MINIMUM OF A 1/8" RADIUS IS REQUIRED AT ALL ANGLES OR CORNERS IN THE PIPE. THE ACTUAL RADIUS USED SHALL BE DETERMINED BY THE MANUFACTURER.



PROFILE VIEW

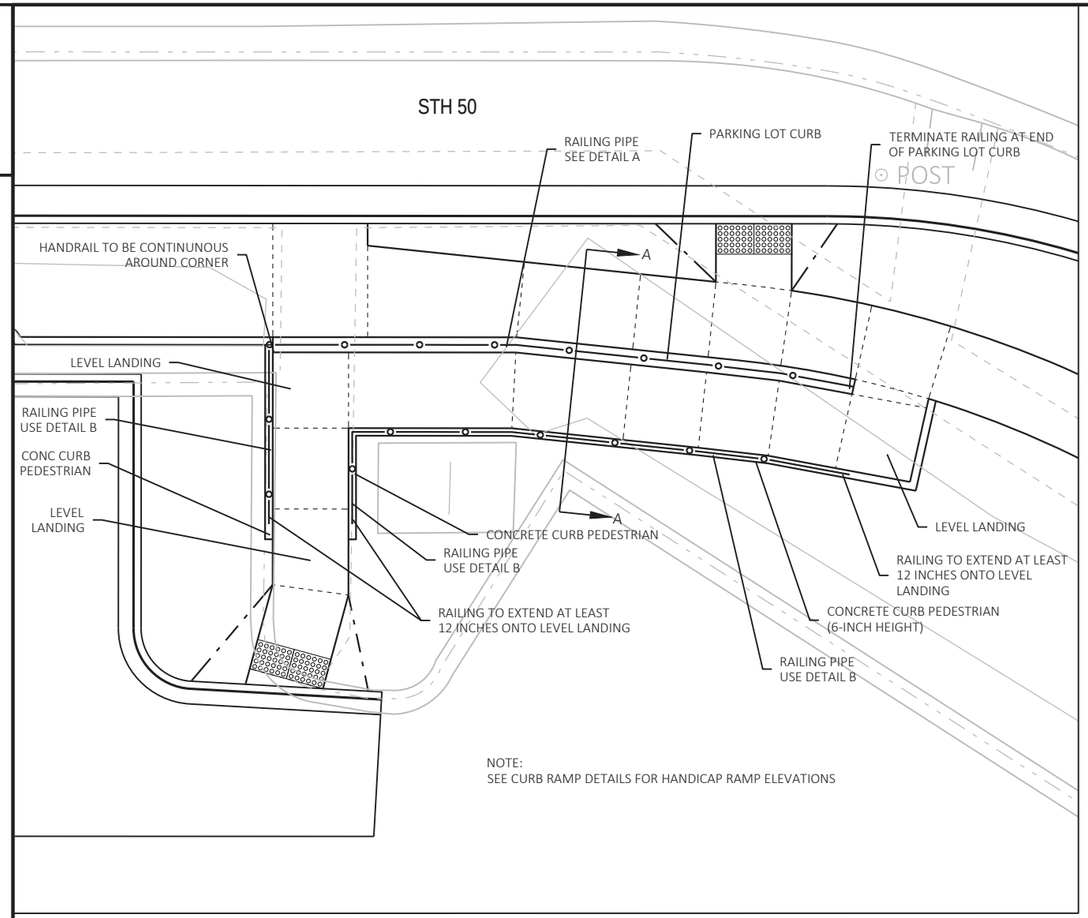


STAIRWAY CURB DETAIL

CONCRETE STEPS

SEE PLAN DETAILS FOR LOCATIONS

2

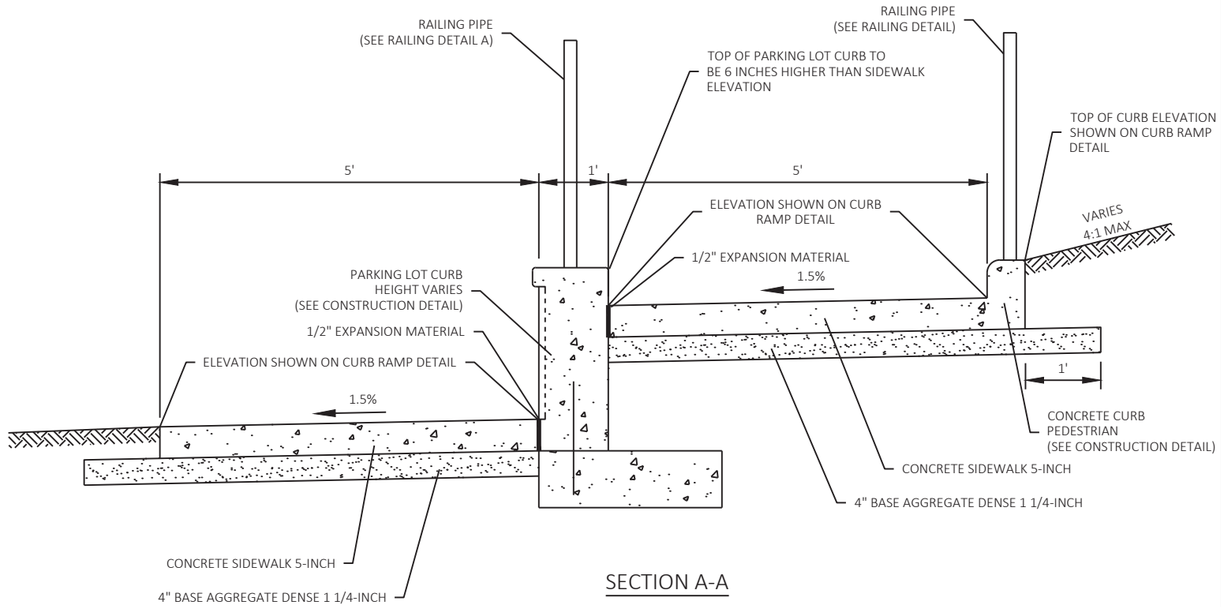


NOTE:
SEE CURB RAMP DETAILS FOR HANDICAP RAMP ELEVATIONS

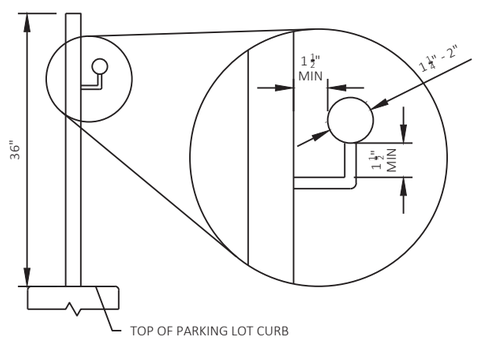
NOTES:
1. USE RAILING DETAIL A FOR RAILING ATTACHED TO TOP OF PARKING LOT CURB. USE RAILING DETAIL B FOR RAILING ATTACHED TO TOP OF PEDESTRIAN CURB.
2. PROVIDE SHOP DRAWINGS FOR ALL RAILING COMPONENTS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO ORDERING OR FABRICATING RAILING COMPONENTS.
3. ALL RAILING SHALL BE GALVANIZED STEEL.
4. RAILINGS SHALL BE MOUNTED TO CONCRETE USING ANCHOR BOLTS AND A BASE PLATE. VERTICAL MEMBER OF RAILING SHALL NOT BE EMBEDDED DIRECTLY INTO CONCRETE. PLACE ANCHOR BOLTS FOR RAILING INTO CONCRETE IN ACCORDANCE WITH SECTION 513 OF THE STANDARD SPECS. PLACE ANCHOR BOLTS DURING CONCRETE PLACEMENT UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. GRIND AND SMOOTH ALL CONNECTIONS OF SECTIONS OF PIPE.
6. A MINIMUM OF A 1½" RADIUS IS REQUIRED AT ALL ANGLES OR CORNERS IN THE PIPE. THE ACTUAL RADIUS USED SHALL BE DETERMINED BY THE MANUFACTURER.
7. RAILING AND PEDESTRIAN SHALL EXTEND AT LEAST 12 INCHES ONTO LEVEL LANDING.
8. RAILING AND HANDRAIL HEIGHTS SHALL BE CONSTANT ALONG RAMPS AND LEVEL LANDINGS.

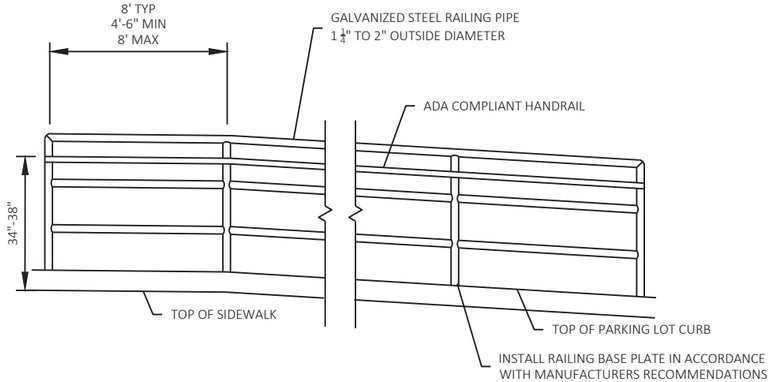
N

2



SECTION A-A

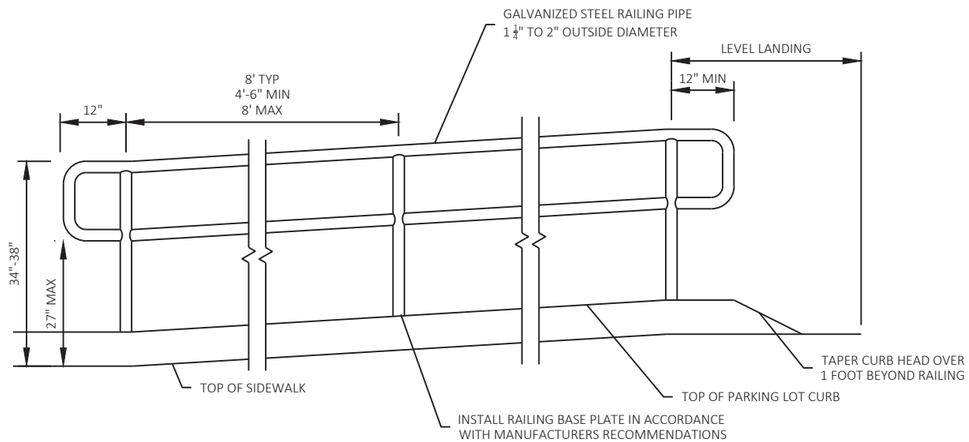




RAILING DETAIL A

HANDICAP RAMP DETAIL

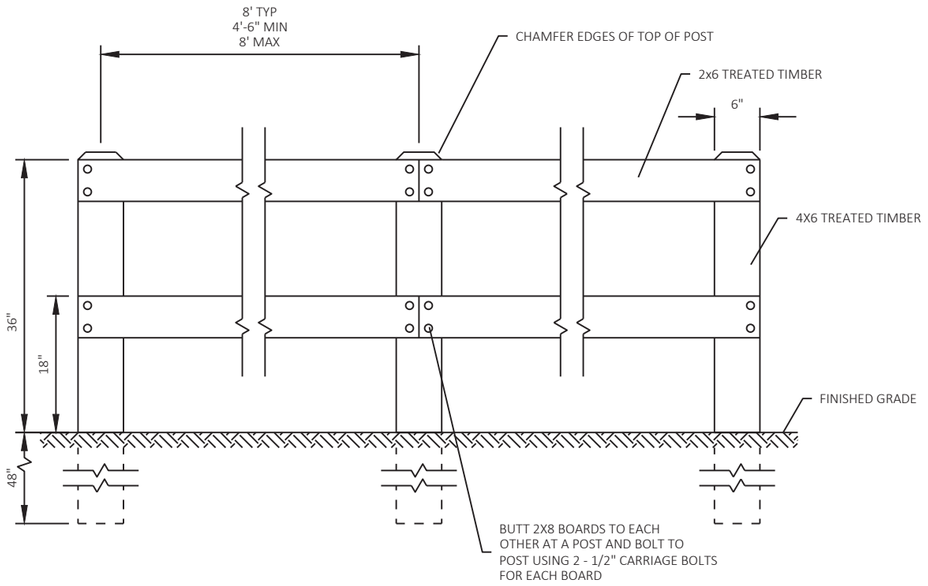
STA 1005+00 RT



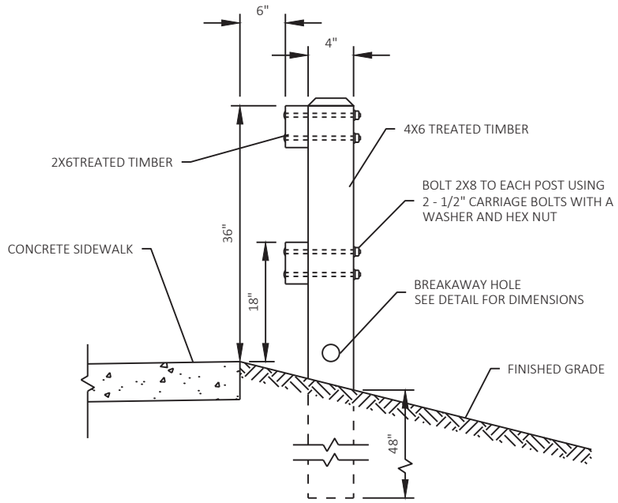
RAILING DETAIL B

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CONSTRUCTION DETAILS	SHEET 21	E

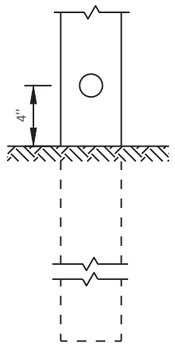
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LAYOUT NAME - 02
PLOT DATE : 7/29/2021 4:39 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



ELEVATION VIEW



SECTION VIEW

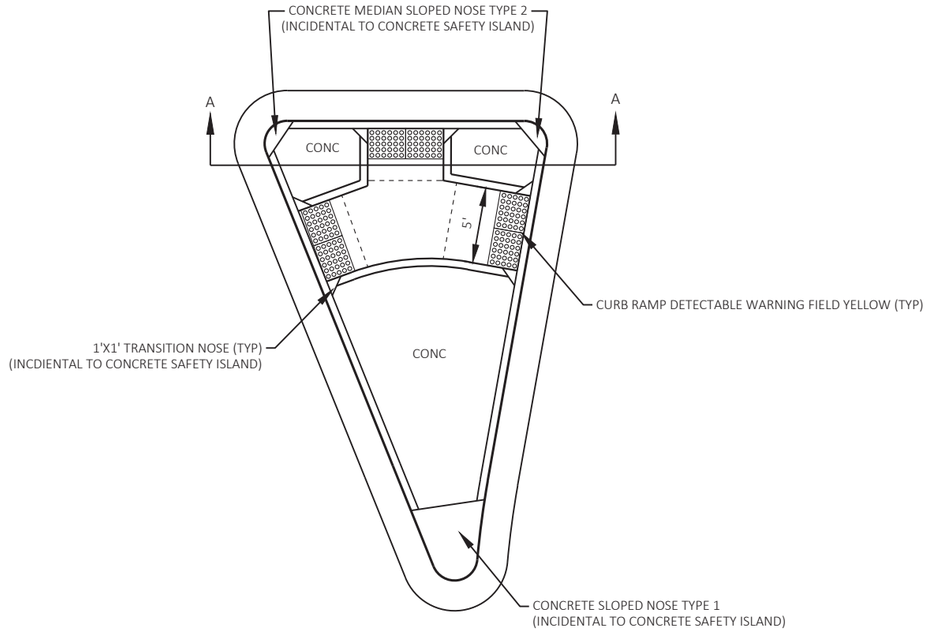


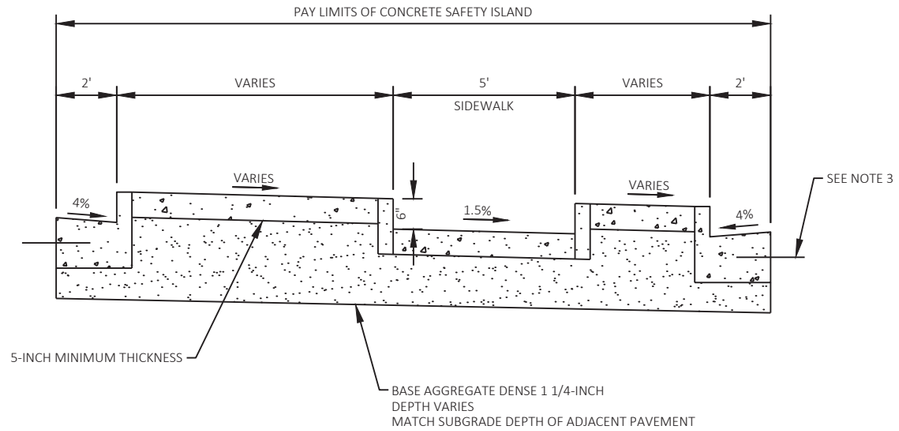
BREAKAWAY HOLE DETAIL

NOTES:
1. ALL TIMBERS AND BOARDS SHALL BE TREATED LUMBER MEETING THE SPECIFICATIONS OF SECTION 634.2.1 OF THE STANDARD SPECS.
2. POSTS SHALL BE SET IN GROUND AT THE DEPTH SHOWN, FILLED, AND COMPACTED EVERY 6 INCHES WITH ORIGINAL SUBSOIL.
3. ALL SAW CUTS AND HOLES DRILLED IN TIMBERS SHALL BE TREATED IN ACCORDANCE WITH SECTION 507.2.2.6 AND WOOD PRESERVATIVE SHALL MEET SECTION 507.2.3 OF THE STANDARD SPECS.
4. ALL BOLTS, WASHERS, AND HEX NUTS SHALL MEET THE REQUIREMENTS OF SECTION 637.2.4.2.1.
5. THE HEIGHT OF THE TOP RAIL SHALL BE MEASURED FROM THE BACK EDGE OF THE SIDEWALK.

WOOD PEDESTRIAN FENCE

STA 1000+20 TO STA 1001+72





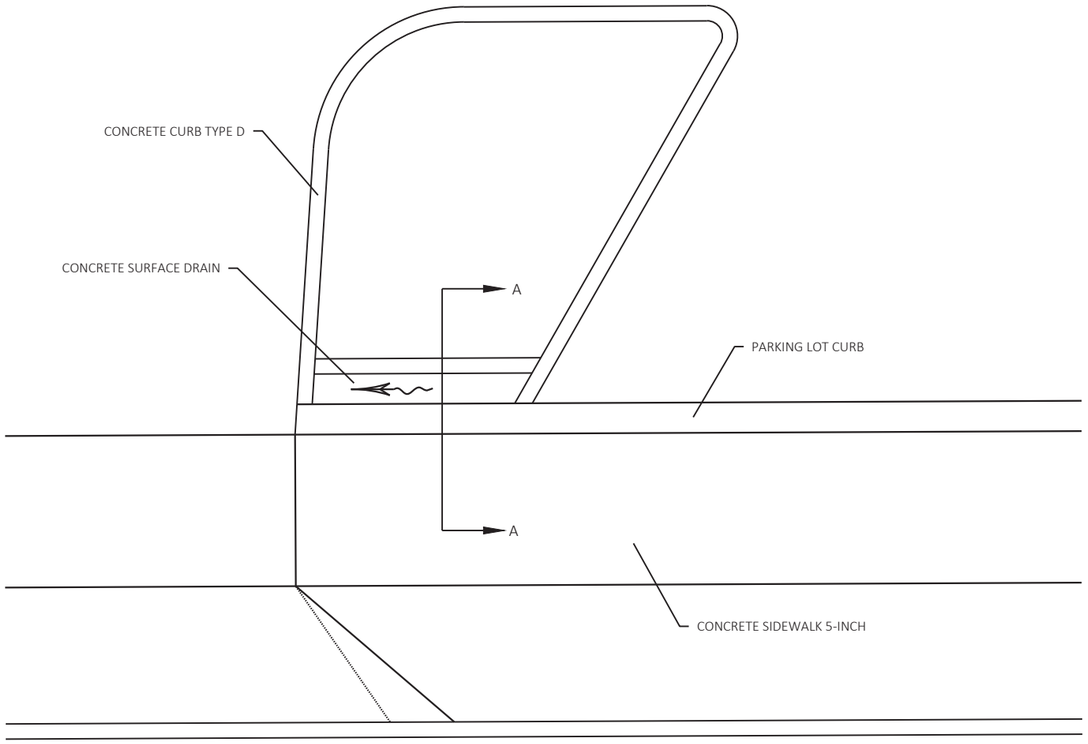
SECTION A-A

NOTES:

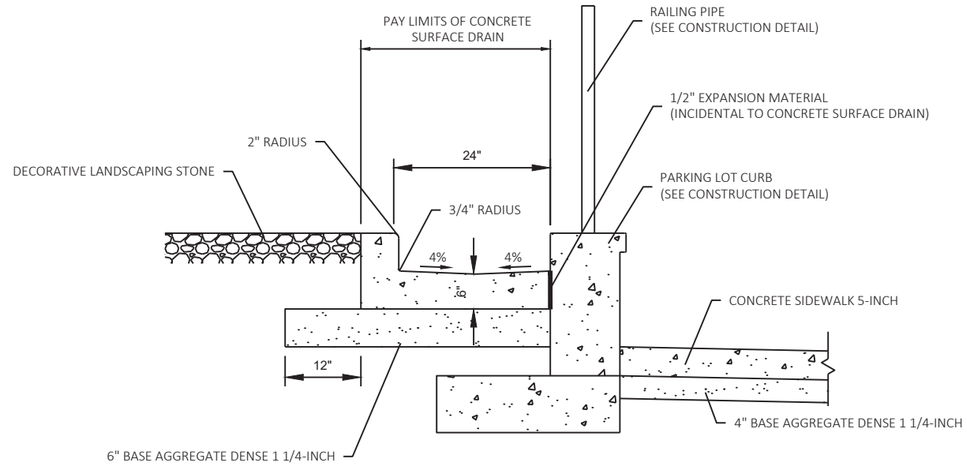
1. ENTIRE ISLAND INCLUDING WALKING PATH IS PAID FOR AS CONCRETE SAFETY ISLAND.
2. SIZE AND SHAPE OF INDIVIDUAL ISLANDS VARIES, SEE PLAN FOR DIMENSIONS OF EACH ISLAND.
3. #4X2' TIE BARS SPACE AT 3' CENTER TO CENTER. TIE BARS INCIDENTAL TO CONCRETE SAFETY ISLAND.
4. CONCRETE SAFETY ISLAND MAY BE CONSTRUCTED AS ONE MONOLITHIC SLAB OR INDIVIDUAL SECTIONS OF CURB & GUTTER, SIDEWALK, AND PEDESTRIAN CURB. PAYMENT SHALL BE THE SAME FOR BOTH METHODS OF CONSTRUCTION.
5. WALKING PATH SHALL MEET ADA REQUIREMENTS

CONCRETE SAFETY ISLAND DETAIL

SEE PLAN FOR LOCATIONS



PLAN VIEW



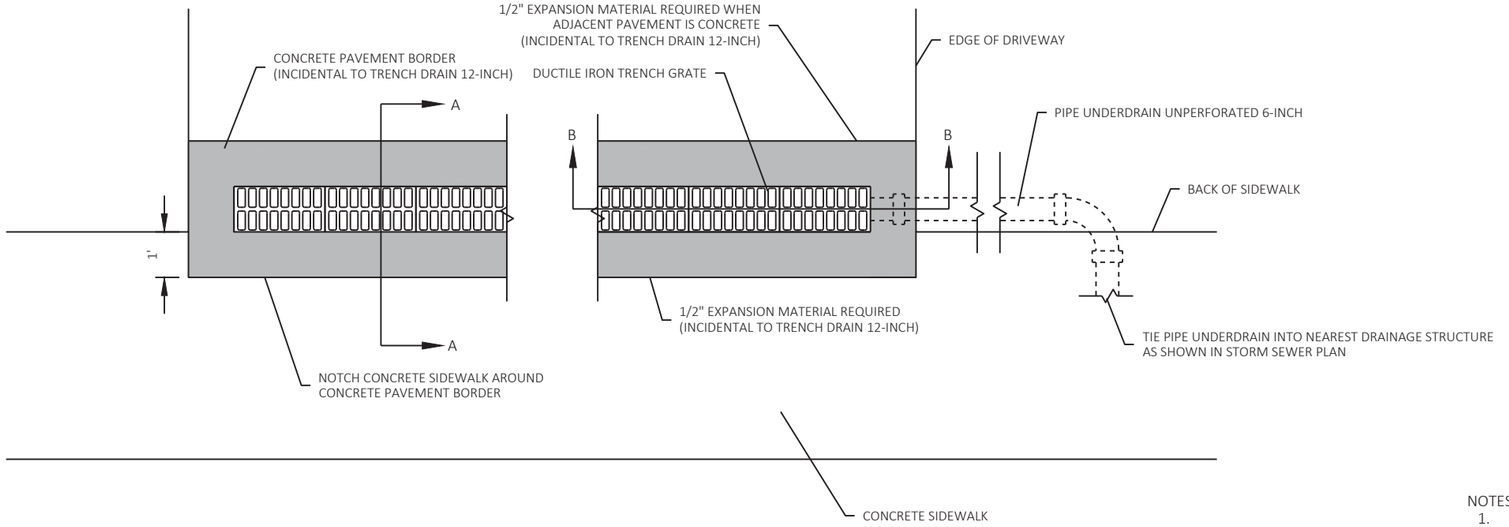
SECTION A-A

CONCRETE SURFACE DRAIN DETAIL

STA 1031+30 LT

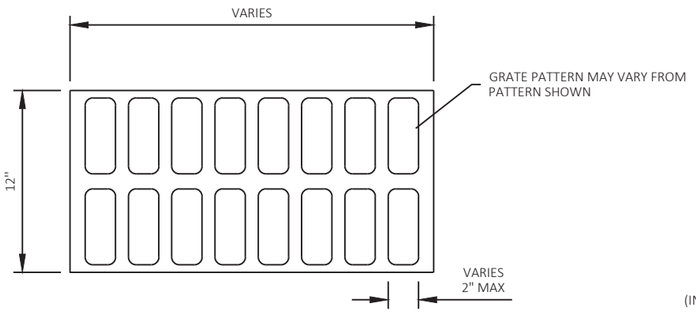
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CONSTRUCTION DETAILS	SHEET 24	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021003_CD.DWG
LAYOUT NAME - 05
PLOT DATE : 7/29/2021 4:40 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT

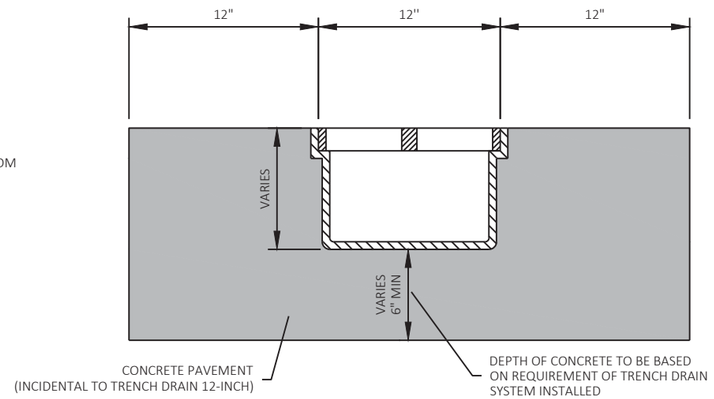


PLAN VIEW

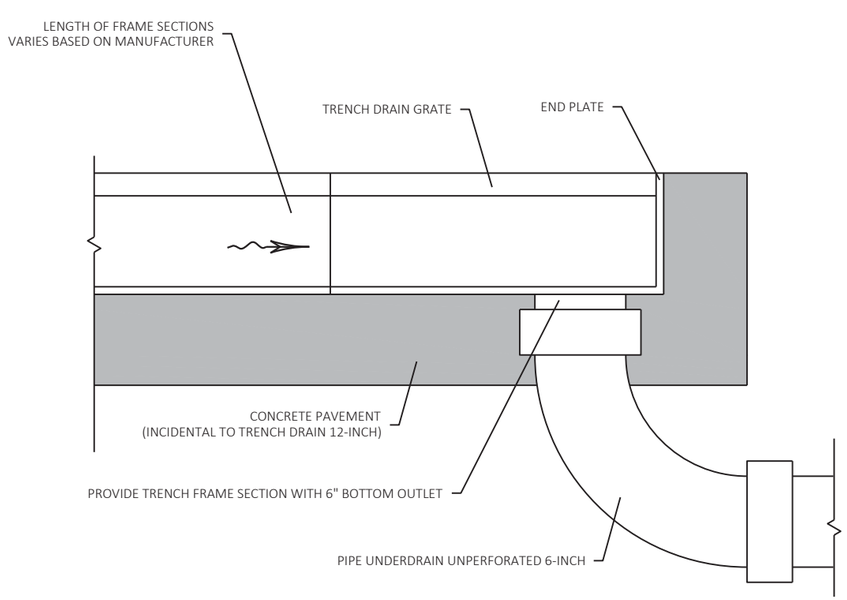
NOTES:
1. TRENCH DRAIN FRAME SECTIONS MAY BE UNIFORM DEPTH OR SLOPED.
2. SUBMIT SHOP DRAWINGS FOR TRENCH DRAIN FRAME AND TRENCH DRAIN GRATE SECTIONS PRIOR TO ORDERING MATERIALS. SHOP DRAWINGS SHALL SHOW OUTLET CONNECTION DETAILS.
3. CONCRETE PAVEMENT BORDER SHALL MEET REQUIREMENTS OF SECTION 416.2.2 OF THE STANDARD SPECIFICATIONS.
4. POSITION TRENCH DRAIN SO THAT DRAIN WILL ABUT THE BACK OF SIDEWALK. NOTCH SIDEWALK AT TRENCH DRAIN LOCATIONS TO ALLOW FOR 12" WIDE CONCRETE BORDER AROUND TRENCH DRAINS.



GRATE DETAIL



SECTION A-A

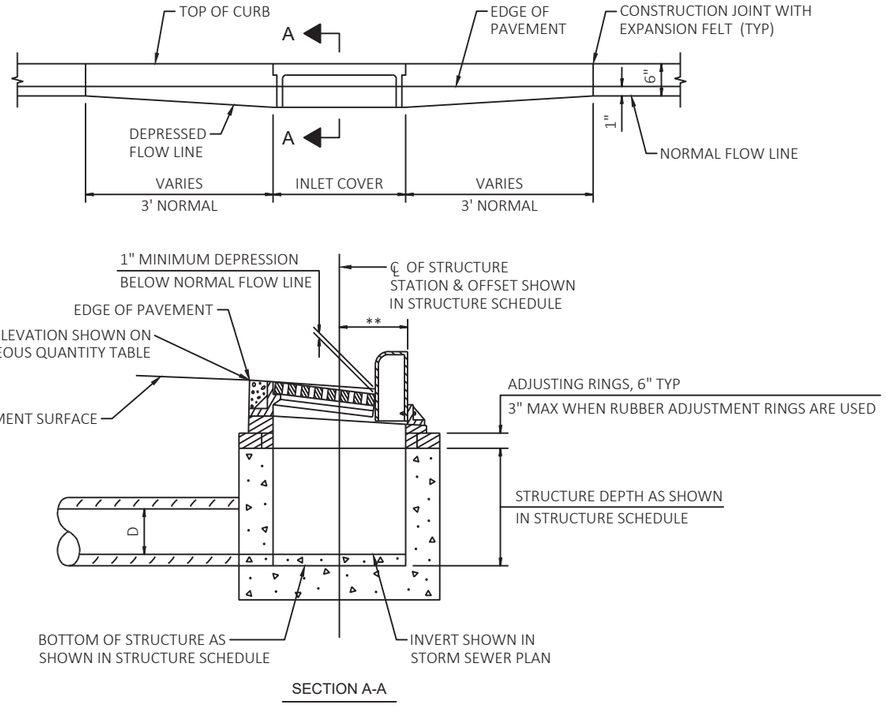


TRENCH DRAIN 12-INCH

SEE PLAN DETAILS FOR LOCATIONS

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CONSTRUCTION DETAILS	SHEET 25	E

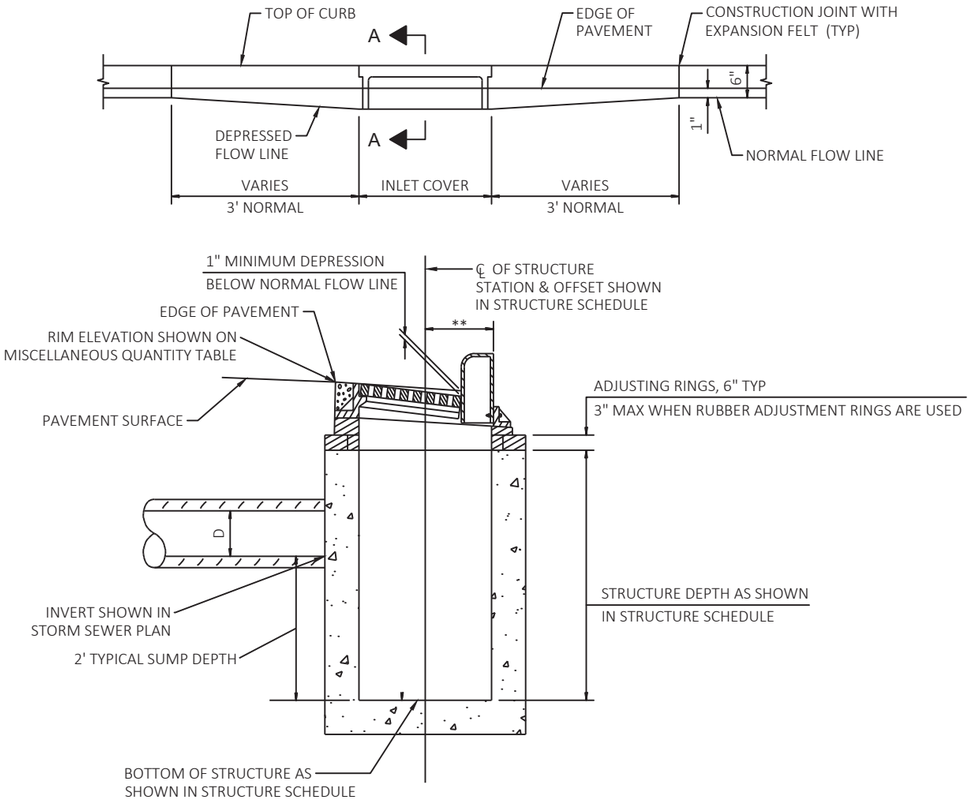
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LAYOUT NAME - 06
PLOT DATE : 7/29/2021 4:40 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT



DETAIL OF CURB AND GUTTER AT INLETS

** OFFSET TO CENTER OF STRUCTURE TO BACK OF CURB:

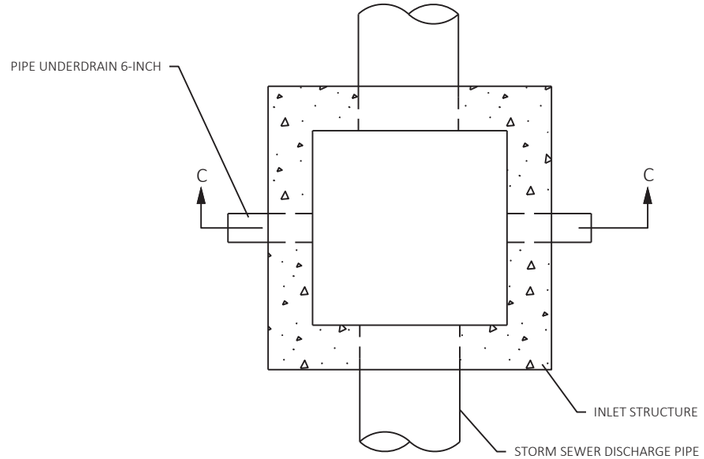
CASTING TYPE	OFFSET
S	18"
H	12"
Z	9"



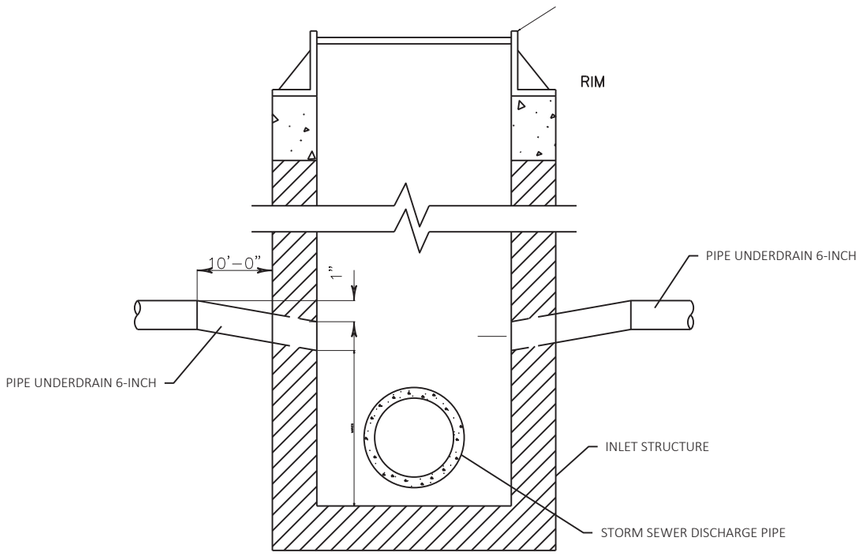
DETAIL OF CURB AND GUTTER AT CATCH BASINS

** OFFSET TO CENTER OF STRUCTURE TO BACK OF CURB:

CASTING TYPE	OFFSET
S	18"
H	12"
Z	9"



PLAN VIEW

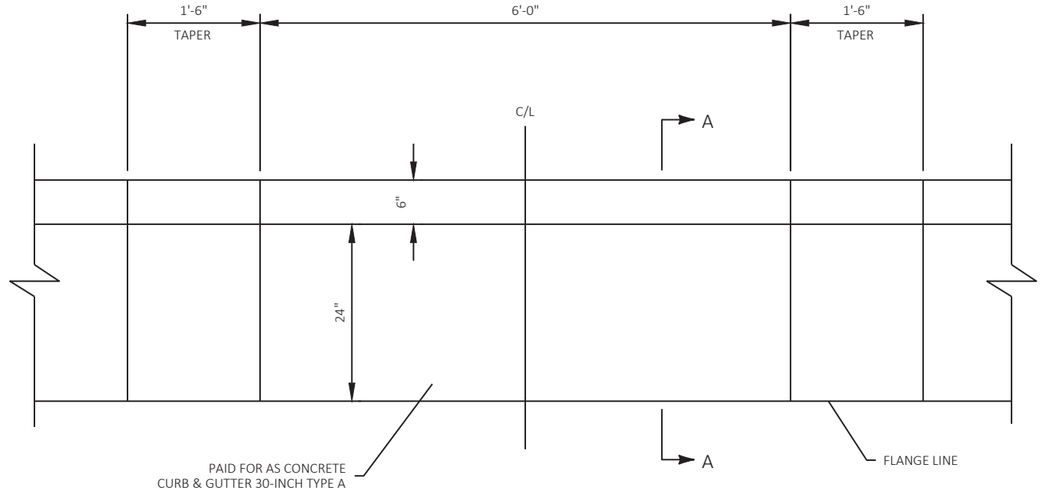


SECTION C-C

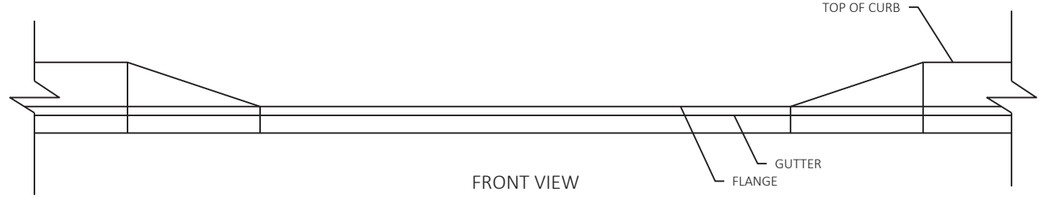
NOTE

SEE TYPICAL SECTIONS, STORM SEWER, AND UNDERDRAIN PLANS
FOR PIPE UNDERDRAIN LOCATIONS.

UNDERDRAIN OUTFALL AT DRAINAGE STRUCTURE



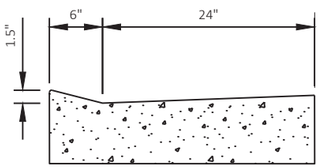
PLAN VIEW



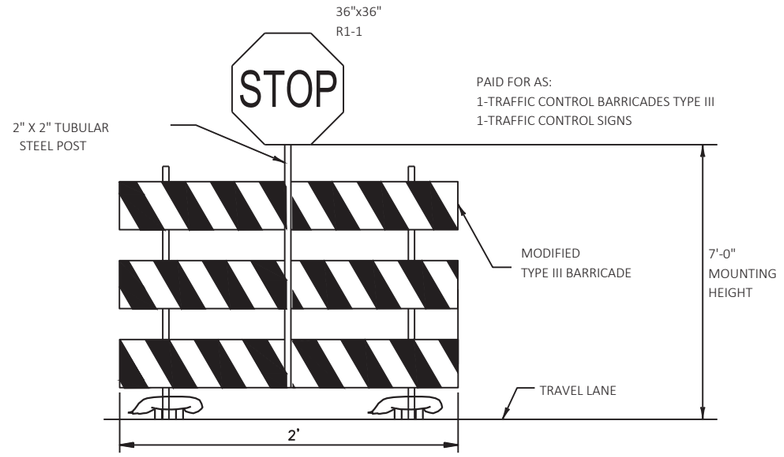
FRONT VIEW

MAINTENANCE OPENING

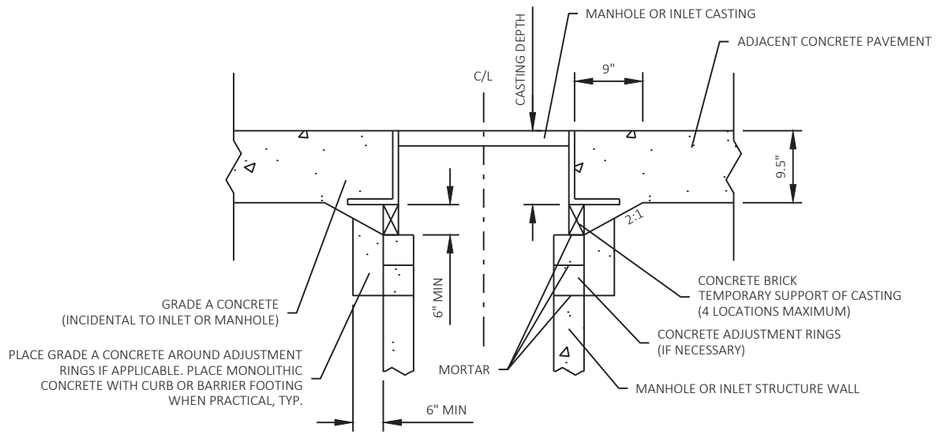
SEE PAVING DETAILS FOR LOCATIONS



SECTION A-A

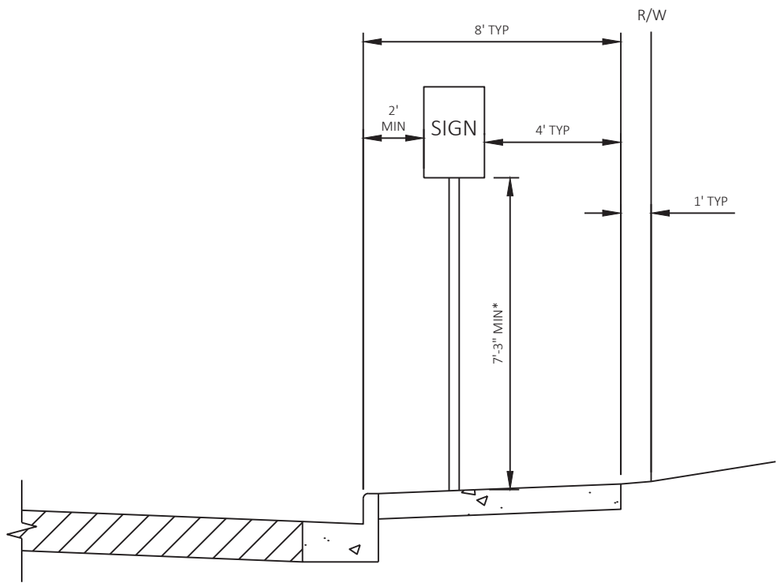


TEMPORARY STOP SIGN



MONOLITHIC CONCRETE SHIMMING DETAIL

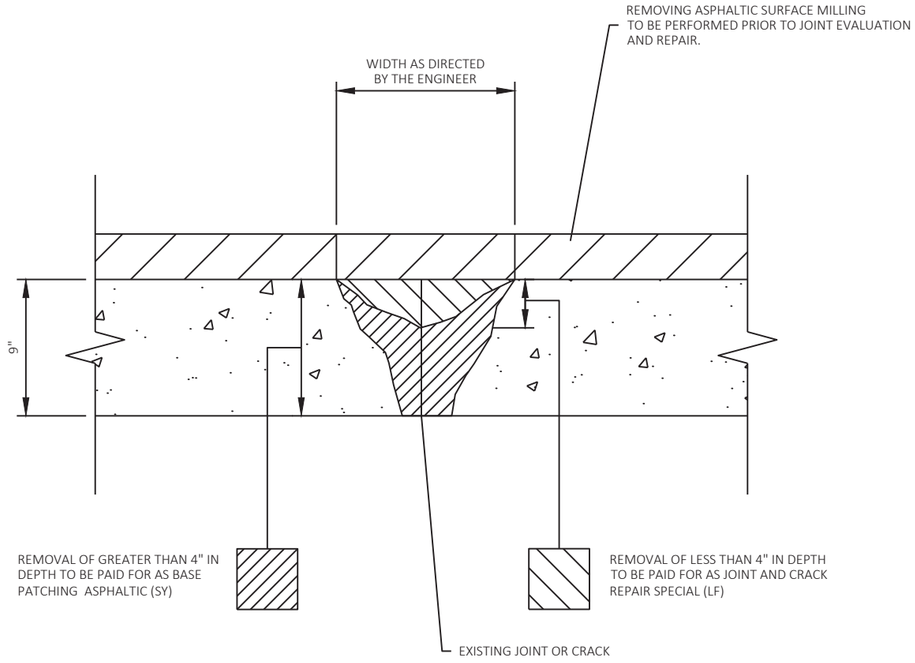
NOTES:
1. MONOLITHIC CONCRETE SHIMMING TO BE PROVIDED FOR ALL PROPOSED COVERS LOCATED IN CONCRETE PAVEMENT, CONCRETE CURB & GUTTER, AND CONCRETE BARRIER.
2. COST OF MONOLITHIC SHIM AND CONCRETE BRICKS TO BE INCIDENTAL TO MANHOLE OR INLET STRUCTURE BID ITEM.



* 8'-0" MOUNTING HEIGHT IF DISTANCE FROM EDGE OF SIGN TO BACK OF SIDEWALK IS LESS THAN 4'-0"

SIGN PLACEMENT ALONG COMMERCIAL WALK

SEE SIGNING PLAN FOR LOCATIONS

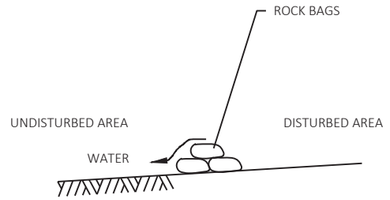


TRANSVERSE & LONGITUDINAL JOINT REPAIR DETAIL

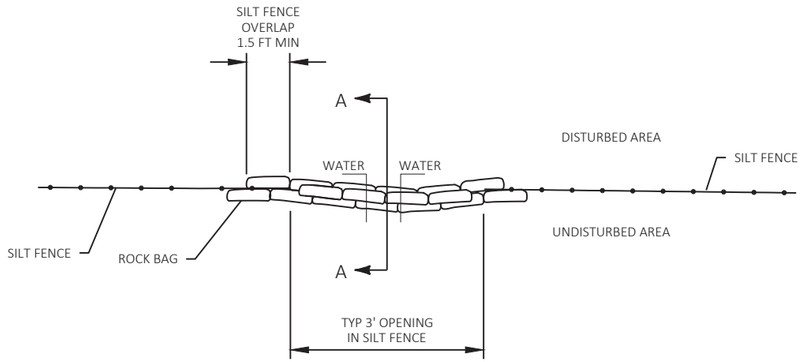
LOCATIONS TO BE DETERMINED BY ENGINEER IN FIELD

NOTES:

1. WHEN THE DEPTH OF DETERIORATED CONCRETE IS GREATER THAN 4" REMOVAL SHALL BE FULL DEPTH AND SHALL BE MEASURED AND PAID FOR AS BASE PATCHING ASPHALTIC (SY)
2. LOCATION AND EXTENT OF REPAIRS TO BE DETERMINED IN THE FIELD BY THE ENGINEER AFTER MILLING OF THE EXISTING ASPHALT PAVEMENT.



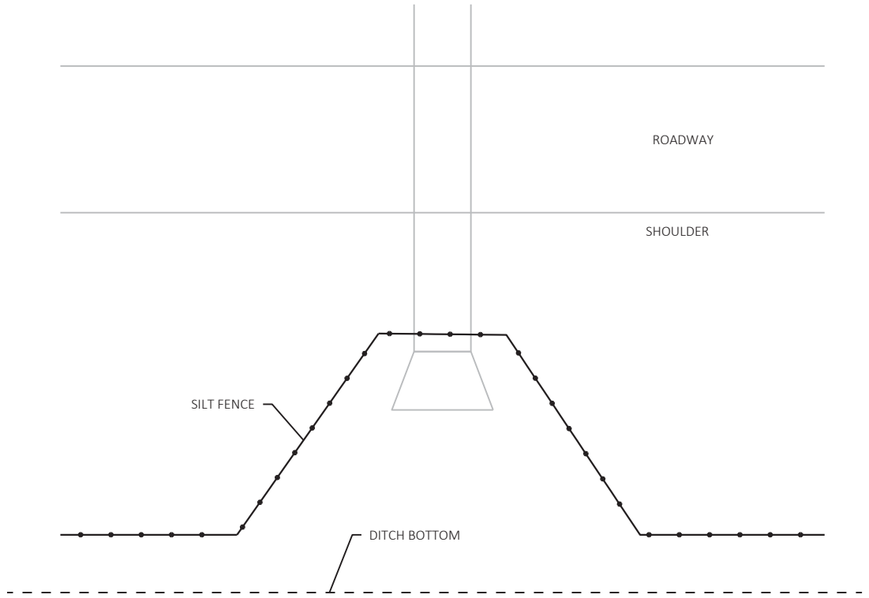
SECTION A-A



PLAN VIEW

ROCK BAGS USED FOR SILT FENCE RELIEF POINT

SEE EROSION CONTROL PLANS FOR LOCATIONS



TYPICAL SILT FENCE DETAIL AT PIPE INLET

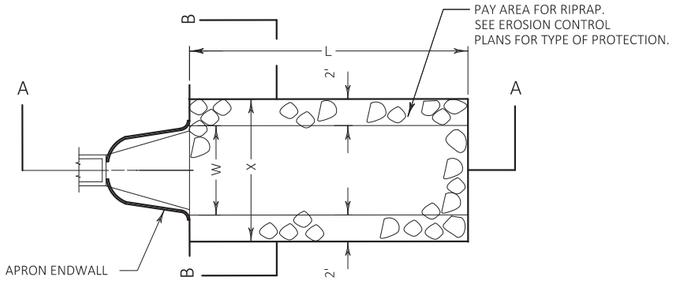
NOTE

SEE SILT FENCE SDD FOR ADDITIONAL INFORMATION.

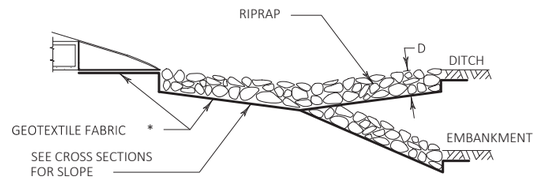
2

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CONSTRUCTION DETAILS	SHEET 30	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021001_CD.DWG
LAYOUT NAME - 06
PLOT DATE : 7/29/2021 4:40 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PLAN VIEW



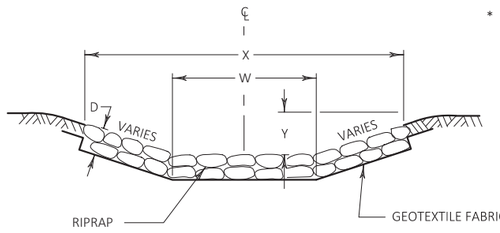
SECTION A-A

L = 3 x W (NOR) OR 10' MIN
OR AS INDICATED IN THE PLANS
OR AS DIRECTED BY THE ENGINEER

D = 12" FOR RIPRAP LIGHT
18" FOR RIPRAP MEDIUM
24" FOR RIPRAP HEAVY

X = W+4' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
W+6' FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE

Y = 0' FOR TYPICAL CULVERT
DISCHARGE INTO DITCH
6" FOR CULVERT DISCHARGE
DOWN EMBANKMENT SLOPE



SECTION B-B

* TYPE R (FOR RIPRAP LIGHT ONLY)
TYPE HR (FOR RIPRAP HEAVY AND MEDIUM ONLY)

CONSTRUCTION NOTES:

1. GEOTEXTILE FABRIC SHALL EXTEND BENEATH THE ENTIRE LENGTH OF THE APRON ENDWALL SECTION. INSTALL ON PREPAVED FOUNDATION. GRADE PRIOR TO END WALL INSTALLATION.
2. COMPLETE GEOTEXTILE FABRIC AND RIPRAP SECTION INSTALLATION PRIOR TO STORM WATER FLOW.

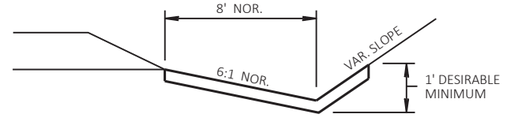
RIPRAP AND GEOTEXTILE FABRIC DETAIL AT APRON ENDWALLS

SEE EROSION CONTROL PLAN FOR LOCATIONS

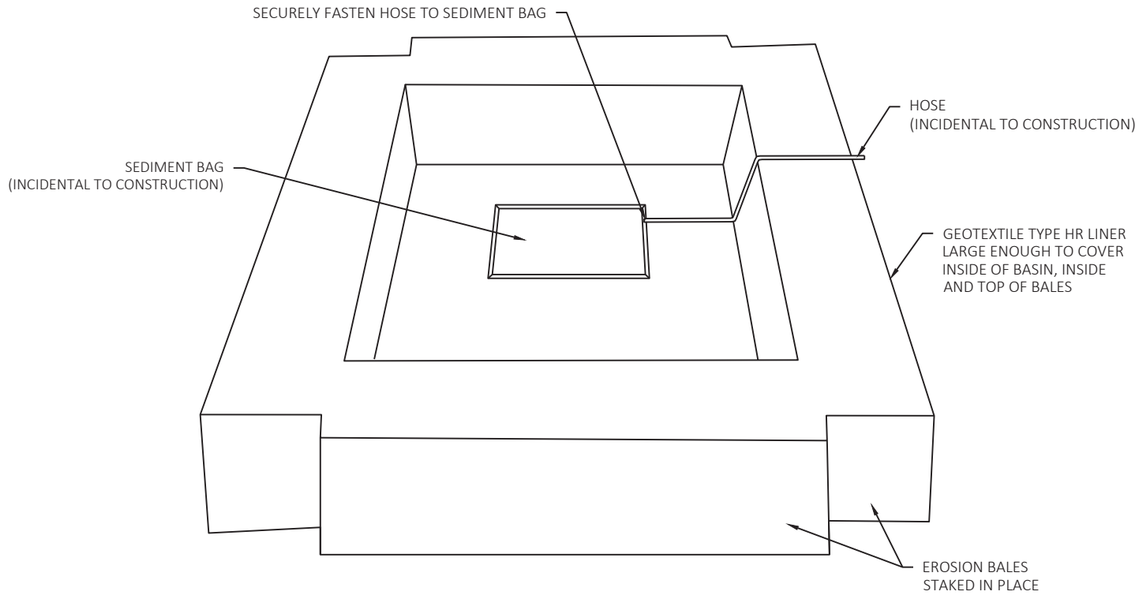
RUNOFF COEFFICIENT TABLE

	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



SOD DETAIL FOR DITCHES



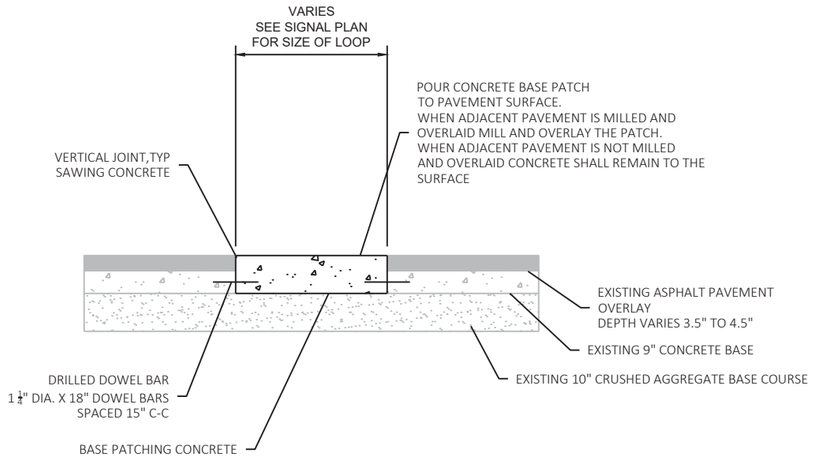
TEMPORARY SETTLING BASIN DETAIL

NOTES

1. CONTRACTOR SHALL PUMP TURBID WATER FROM EXCAVATION TO SEDIMENT BAG PLACED INSIDE FABRIC LINED STAKED BALE ENCLOSURE PRIOR TO DISCHARGING TO DITCHES/INLETS/WETLANDS OR WATERWAYS.
2. SEDIMENT BAG TO BE PLACED IN AN UPLAND VEGETATED AREA OR EQUIVALENT LOCATION APPROVED BY THE ENGINEER.
3. BASIN TO BE KEPT LESS THAN 10% FULL OF SEDIMENT. GEOTEXTILE FABRIC AND SEDIMENTS TO BE DISPOSED BY THE CONTRACTOR OFF OF THE PROJECT SITE.
4. TEMPORARY SETTLING BASIN AND SEDIMENT BAG TO BE INCIDENTAL TO CONTRACT.
5. SEDIMENT BAG, BALES AND FABRIC TO BE REPLACED AS NECESSARY AND IS INCIDENTAL TO CONTRACT.
6. SIZE TO BE DETERMINED BY THE CONTRACTOR AS PART OF THE ECIP SUBMITTAL.

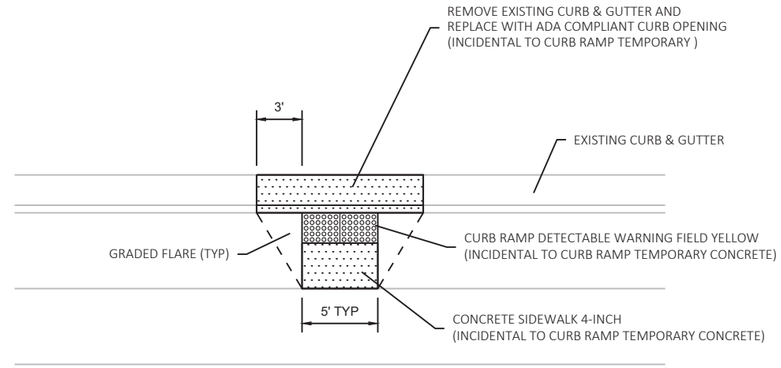
ESTIMATED BAG SIZE = 18" X 12" X 6"	
PIPE SIZE	ESTIMATED NUMBER OF BAGS
12"	1
15"	2
18"	2
24"	3
30"	5
36"	7
42"	7
48"	10
54"	10
60"	13
66"	14
72"	16
17"X13"	2
30"X19"	5
38"X24"	7
45"X29"	10
53"X34"	10
60"X38"	13
76"X48"	18

CULVERT PIPE CHECKS



NOTE:
1. CONSTRUCT IN ACCORDANCE WITH SDD "BASE PATCHING CONCRETE"
2. PROVIDE NO. 6 X 12" TIE BARS SPACED 30" C-C INSTALLED PERPENDICULAR TO THE LONGITUDINAL JOINT.

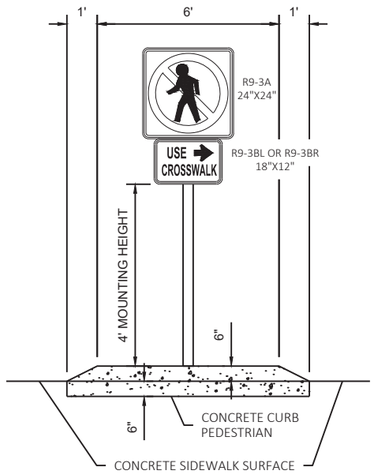
BASE PATCHING CONCRETE FOR TRAFFIC SIGNAL LOOPS



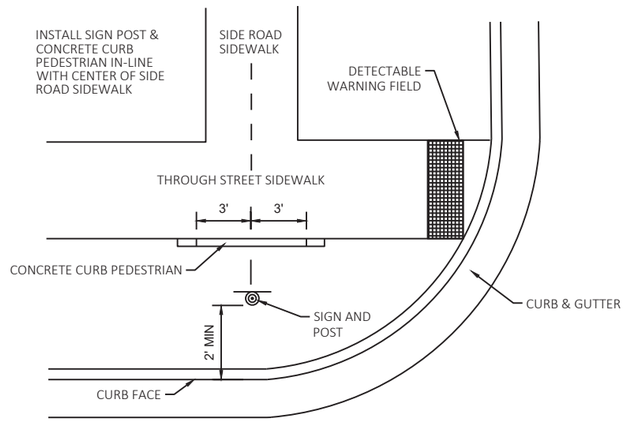
CURB RAMP TEMPORARY CONCRETE

SEE TRAFFIC CONTROL PLANS FOR LOCATIONS
PAID FOR AS TEMPORARY PEDESTRIAN CURB RAMP

NOTES:
1. CURB RAMP TEMPORARY ASPHALTIC SHALL MEET THE FOLLOWING ADA REQUIREMENTS:
   - 8.33% MAXIMUM RUNNING SLOPE
   - 2% MAXIMUM CROSS SLOPE
   - 11% MAX GRADE BREAK BETWEEN CURB RAMP SLOPE AND GUTTER PLAN SLOPE



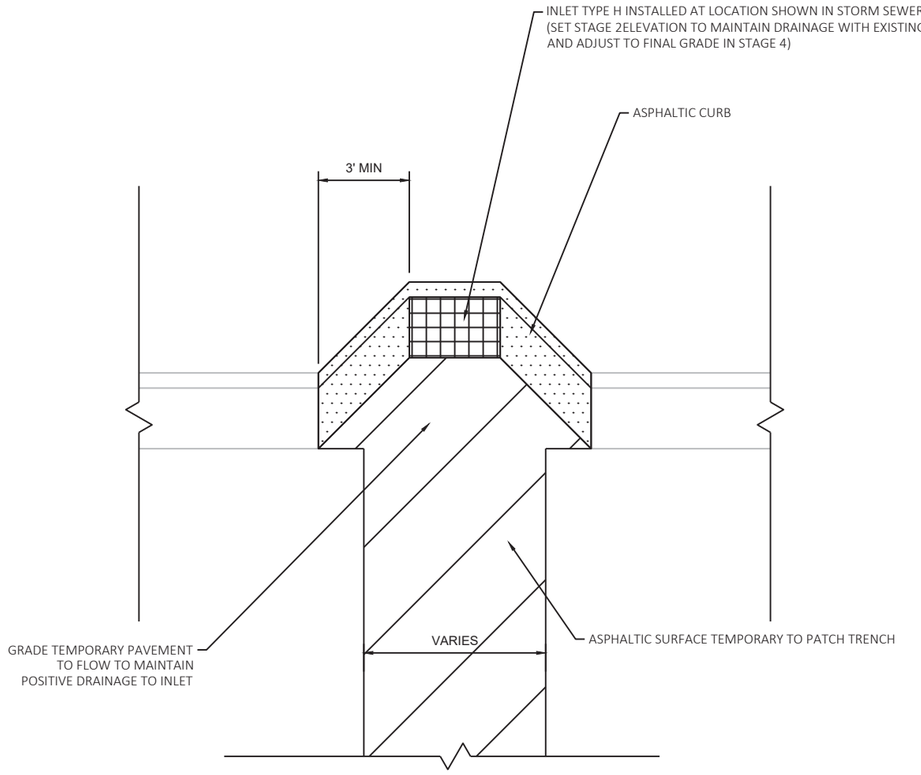
ELEVATION VIEW



PLAN VIEW

PEDESTRIAN BARRIER DETAIL

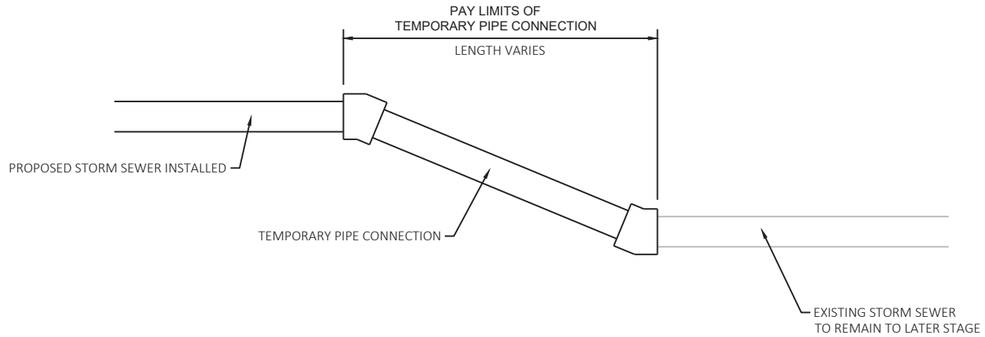
STH 50 & 248TH AVE - SE QUADRANT
STH 50 & 236TH AVE - NW QUADRANT
STH 50 & 236TH AVE - NE QUADRANT



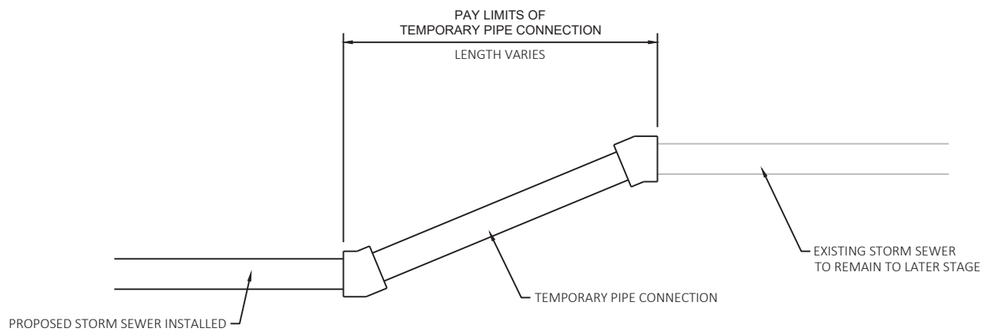
NOTE:
TEMPORARY CURB BUMPOUT TO BE PAID FOR USING ASPHALTIC CURB
AND ASPHALTIC SURFACE TEMPORARY BID ITEMS.

TEMPORARY CURB BUMPOUT

SEE STAGE 2 STAGING PLANS FOR LOCATIONS



PLAN VIEW



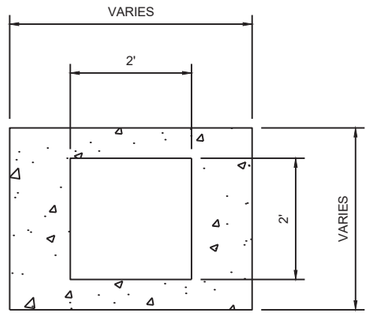
PROFILE VIEW

TEMPORARY PIPE CONNECTION

TO CONNECT EXISTING AND PROPOSED STORM SEWER
DURING STAGING

NOTES:

1. WHEN THE EXISTING AND PROPOSED PIPE SIZES ARE DIFFERENT THE TEMPORARY PIPE CONNECTION SHOULD BE THE LARGER OF THE TWO PIPE SIZES.
2. TEMPORARY PIPE CONNECTION PIPE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 612 OF THE STANDARD SPECS. FOR PIPE SIZES 21 INCHES AND LESS THE PIPE MATERIAL SHALL BE UNPERFORATED POLYVINYL CHLORIDE (PVC) OR ACRYLONITRILE-BUTADIENE-STYRENE (ABS) DRAINAGE PIPE. FOR PIPE SIZES GREATER THAN 21-INCHES CORRUGATED STEEL OR CORRUGATED POLYETHYLENE DRAINAGE PIPE SHALL BE USED.
3. FOR PVC AND ABS PIPE ELBOWS SHOULD BE USED TO CORRECT ANY HORIZONTAL AND VERTICAL OFFSETS BETWEEN EXISTING AND PROPOSED STORM SEWER. ALL FITTINGS ARE INCIDENTAL TO THE TEMPORARY PIPE CONNECTION. FOR CORRUGATED STEEL OR CORRUGATED POLYETHYLENE PIPES CONCRETE COLLARS, MECHANICAL BANDS, OR OTHER ENGINEER APPROVED DEVICES SHALL BE USED TO CORRECT ANY HORIZONTAL OR VERTICAL OFFSET BETWEEN EXISTING AND PROPOSED STORM SEWER. ELBOWS, CONCRETE COLLARS, MECHANICAL BANDS, OR OTHER ENGINEER APPROVED DEVICES SHALL BE INCIDENTAL TO THE TEMPORARY PIPE CONNECTION.
4. CONNECT THE TEMPORARY PIPE CONNECTION TO THE PROPOSED STORM SEWER IN SUCH A MANNER THAT IT DOES NOT DAMAGE THE PROPOSED STORM SEWER.
5. REMOVE THE TEMPORARY PIPE CONNECTION WHEN THE REMAINDER OF THE STORM SEWER CAN BE INSTALLED IN A LATER STAGE.

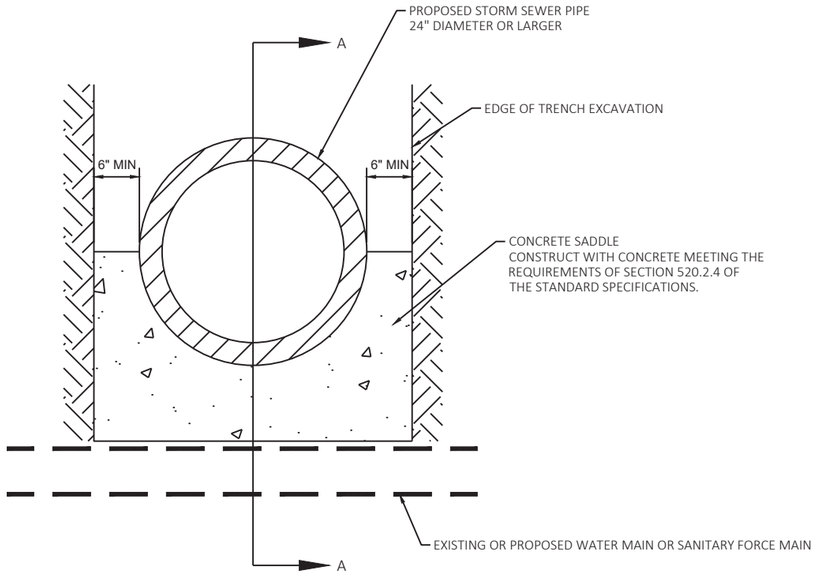


INLET COVERS TYPE S ADJUSTMENT RINGS

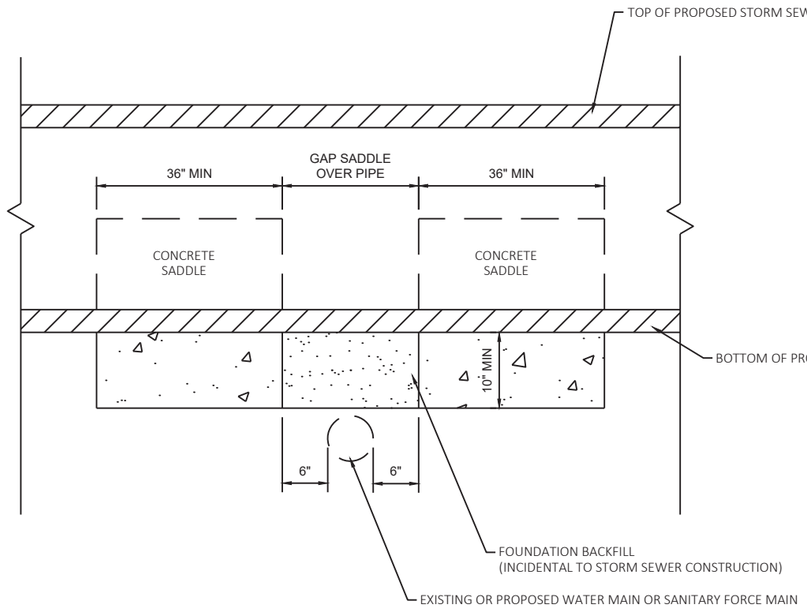
TO BE USED WHEN A TYPE S INLET COVER IS
PLACED ON A DIFFERENT SIZED STRUCTURE DURING STAGING

ADJUSTMENT RINGS ARE INCIDENTAL TO INLET COVERS TYPE S

PROVIDE ADJUSTMENT RINGS WITH A 2'X2' RECTANGULAR OPENING



SECTION VIEW



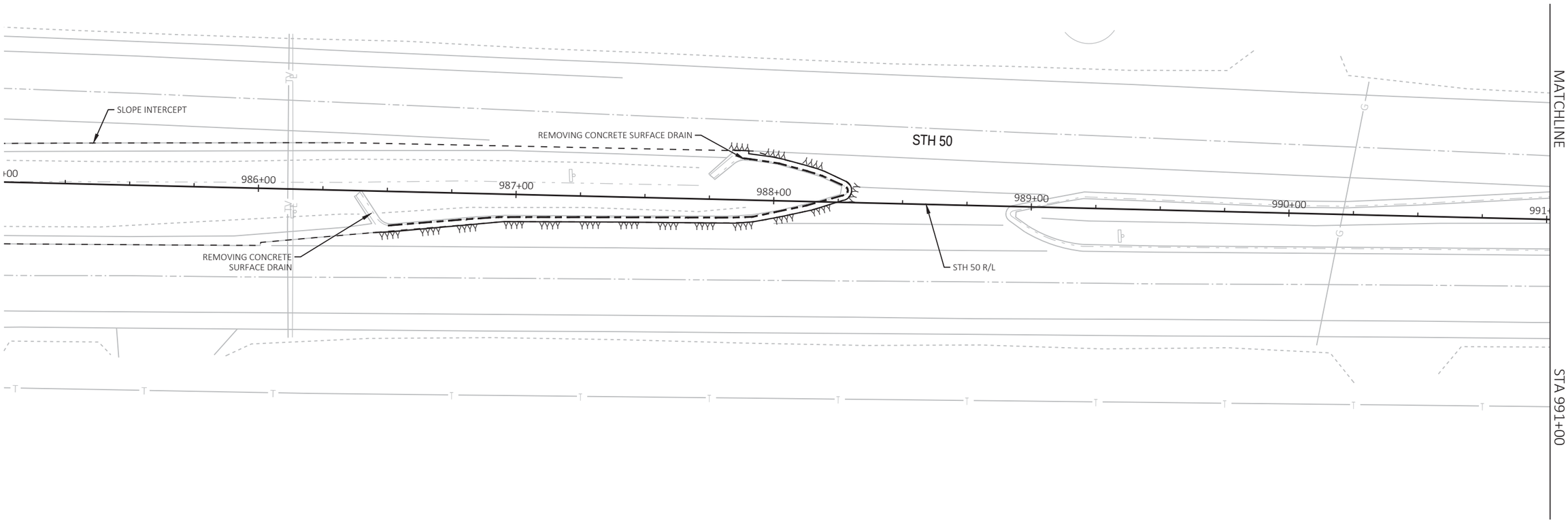
SECTION A-A

CONCRETE SADDLE

TO BE USED WHENEVER A STORM SEWER PIPE 24-INCHES OR LARGER CROSSES A WATER MAIN OR SANITARY SEWER WITH LESS THAN 18 INCHES OF CLEARANCE
SEE MISCELLANEOUS QUANTITIES FOR LOCATIONS

2

N



LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- YYYY — SAWING CONCRETE
- XXXX — SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

SHEET 1 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 37	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 01

PLOT DATE : 7/29/2021 10:41 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STA 991+00

MATCHLINE

992+00

993+00

994+00

995+00

996+00

997

SLOPE INTERCEPT

STH 50 R/L

STH 50

RI

SLOPE INTERCEPT

MATCHLINE

STA 997+00

LEGEND

X — CLEARING & GRUBBING	REMOVING ASPHALTIC SURFACE MILLING
REMOVING CONCRETE PAVEMENT	REMOVING ASPHALTIC SURFACE BUTT JONTS
REMOVING CURB OR REMOVING CURB & GUTTER	BASE PATCHING CONCRETE
REMOVING CONCRETE SIDEWALK	REMOVING STORM SEWER
YYYY — SAWING CONCRETE	RI — REMOVING INLETS
XXXX — SAWING ASPHALT	RI — REMOVING MANHOLES

SHEET 2 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 38	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 02

PLOT DATE : 7/29/2021 10:41 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- SAWING CONCRETE
- SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

N

STA 997+00

STA 1003+00

SLOPE INTERCEPT

998+00

999+00

1000+00

1001+00

1002+00

STH 50

STH 50 R/L

MATCHLINE

MATCHLINE

CTH F/ 256TH AVE

4+00

CTH F R/L

REMOVING SMALL PIPE CULVERT

EXISTING CULVERT TO REMAIN

REMOVE APRON ENDWALL
PAID FOR AS REMOVING STORM SEWER

SLOPE INTERCEPT

MATCHLINE

STA 3+75

REMOVING SMALL
PIPE CULVERTS

EXISTING CULVERT
TO REMAIN

CTH F/ 256TH AVE

3+00

CTH F R/L

SHEET 3 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 39	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 03

PLOT DATE : 7/29/2021 10:41 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCHLINE STA 52+00

LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- SAWING CONCRETE
- SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

REMOVING OLD STRUCTURE (PARTIAL REMOVAL) SEE CONSTRUCTION DETAIL

PROPERTY OWNER TO REMOVE ENCROACHING LANDSCAPING AND LIGHTING

STH 75 R/L

STH 75

STA 1003+00

STA 1009+00

SLOPE INTERCEPT

STH 50

STH 50 R/L

1004+00 1005+00 1006+00 1007+00 1008+00

SLOPE INTERCEPT

MATCHLINE

STH 75/83

STH 75/83 R/L

REMOVE INVASIVE SPECIES WITHIN WISDOT RIGHT OF WAY

MATCHLINE STA 48+00

SHEET 4 OF 16

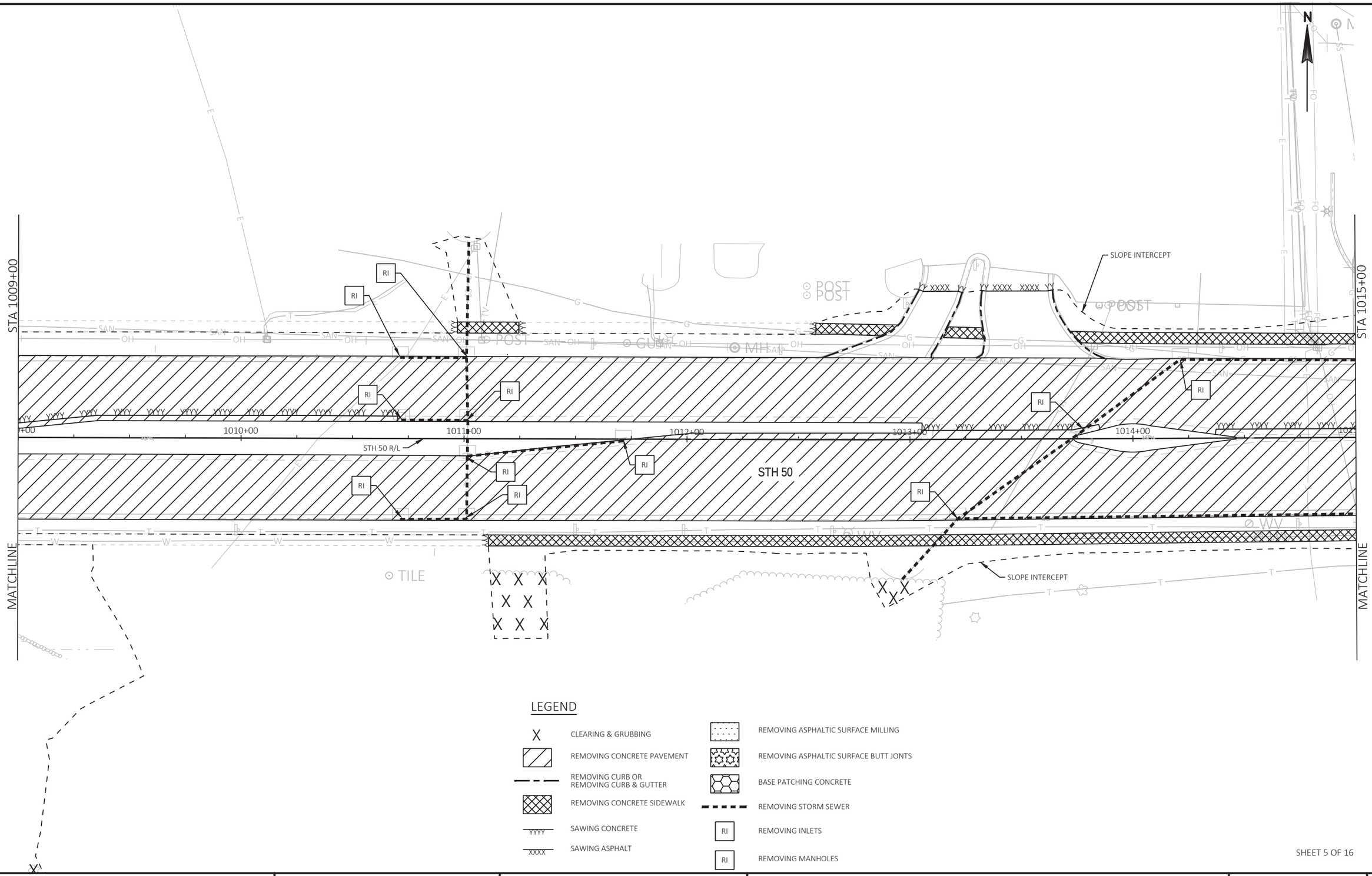
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 40	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 04

PLOT DATE : 7/29/2021 10:41 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- YYYY — SAWING CONCRETE
- XXXX — SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

SHEET 5 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 41	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 05
PLOT DATE : 7/29/2021 10:41 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- SAWING CONCRETE
- SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

N

STA 1015+00

STA 1021+00

250TH AVE R/L

250TH AVE

11+00

SLOPE INTERCEPT

STH 50

STH 50 R/L

SLOPE INTERCEPT

MATCHLINE

MATCHLINE

RI

RM

1016+00

1017+00

1018+00

1019+00

1020+00

SHEET 6 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 42	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 06

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

STA 1021+00

STA 1027+00

MATCHLINE

MATCHLINE

248TH AVE

248TH R/L

21+00

STH 50

STH 50 R/L

SAWING CONCRETE

SAWING CONCRETE

SAWING CONCRETE

SAWING CONCRETE

SLOPE INTERCEPT

SLOPE INTERCEPT

RI

RM

DECORATIVE WALL AND FENCE TO BE REMOVED BY OTHERS PRIOR TO CONSTRUCTION

SCHOOL DISTRICT TO REMOVE LIGHT PRIOR TO CONSTRUCTION

RECONSTRUCTING MANHOLE

REMOVE CONCRETE SURFACE DRAIN

HIGH SCHOOL WEST DRIVEWAY R/L

DECORATIVE WALL AND FENCE TO REMAIN

SCHOOL DISTRICT TO REMOVE LIGHT PRIOR TO CONSTRUCTION

HIGH SCHOOL WEST DRIVEWAY

16+00

LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- YYYY — SAWING CONCRETE
- XXXX — SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

SHEET 7 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 43	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 07

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STA 1027+00

STA 1033+00

REMOVING OLD STRUCTURE
REMOVAL OF FENCE ON TOP OF WALL IS
INCIDENTAL TO REMOVING OLD STRUCTURE

PROPERTY OWNER TO REMOVE SIGN
PRIOR TO CONSTRUCTION

SLOPE INTERCEPT

SAWING CONCRETE

REMOVING OLD STRUCTURE
REMOVAL OF FENCE ON TOP OF WALL IS
INCIDENTAL TO REMOVING OLD STRUCTURE

PROPERTY OWNER TO REMOVE
SIGN PRIOR TO CONSTRUCTION

SAWING CONCRETE

SAWING CONCRETE

BUSINESS SIGN
TO REMAIN

STH 50

STH 50 R/L

1028+00

1029+00

1030+00

1031+00

1032+00

RI

RM

SLOPE INTERCEPT

MATCHLINE

MATCHLINE

LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- YYYY — SAWING CONCRETE
- XXXX — SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

SHEET 8 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 44	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 08

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

246TH AVE R/L

246TH AVE

41+00

PAY PHONE TO BE REMOVED BY OTHERS
PRIOR TO CONSTRUCTION

REMOVE PRIVATELY OWNED LIGHT POLE
TERMINATE ELECTRICAL CABLES AT RIGHT OF WAY LINE

RI

SLOPE INTERCEPT

STA 1033+00

STA 1039+00

1034+00

1035+00

1036+00

STH 50 R/L

1037+00

1038+00

RM

STH 50

MATCHLINE

MATCHLINE

SLOPE INTERCEPT

WOOD RAILING TO REMAIN

REMOVING OLD STRUCTURE

EAST HIGH SCHOOL DRIVEWAY R/L

39+00

EAST HIGH SCHOOL
DRIVEWAY

RI

LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- YYYY — SAWING CONCRETE
- XXXX — SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

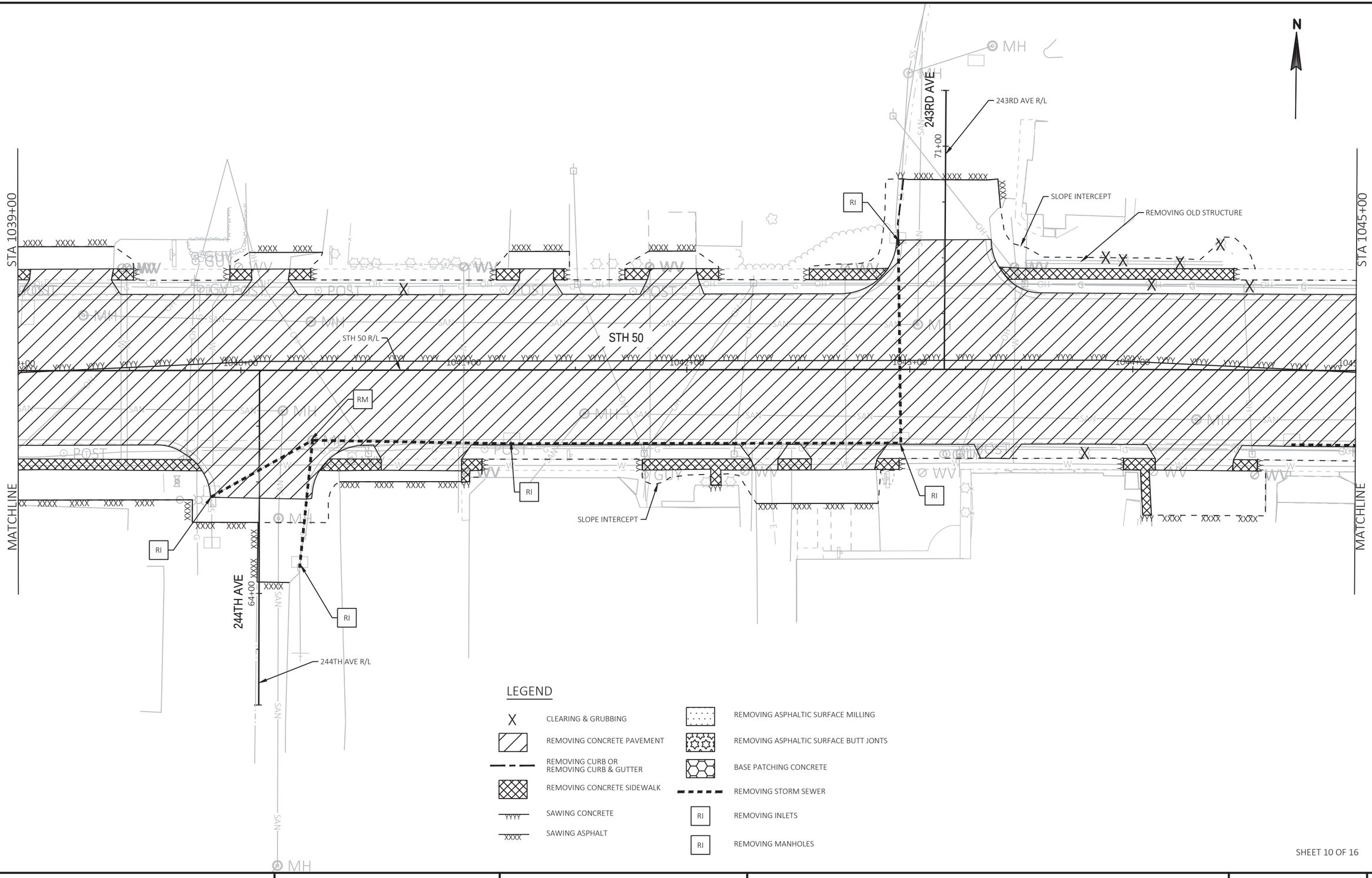
SHEET 9 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 45	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 09

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



SHEET 10 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 46	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 10

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

74TH PLACE R/L

91+00

74TH PLACE

STA 1045+00

STA 1051+00

SLOPE INTERCEPT

STH 50

STH 50 R/L

1046+00

1047+00

1048+00

1049+00

1050+00

MATCHLINE

MATCHLINE

SLOPE INTERCEPT

RAISED PLANTER REMAIN

79+00

242ND AVE

242ND AVE R/L

RI

LEGEND

X	CLEARING & GRUBBING
	REMOVING CONCRETE PAVEMENT
	REMOVING CURB OR REMOVING CURB & GUTTER
	REMOVING CONCRETE SIDEWALK
YYYY	SAWING CONCRETE
XXXX	SAWING ASPHALT
	REMOVING ASPHALTIC SURFACE MILLING
	REMOVING ASPHALTIC SURFACE BUTT JONTS
	BASE PATCHING CONCRETE
	REMOVING STORM SEWER
RI	REMOVING INLETS
RI	REMOVING MANHOLES

SHEET 11 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 47	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 11

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

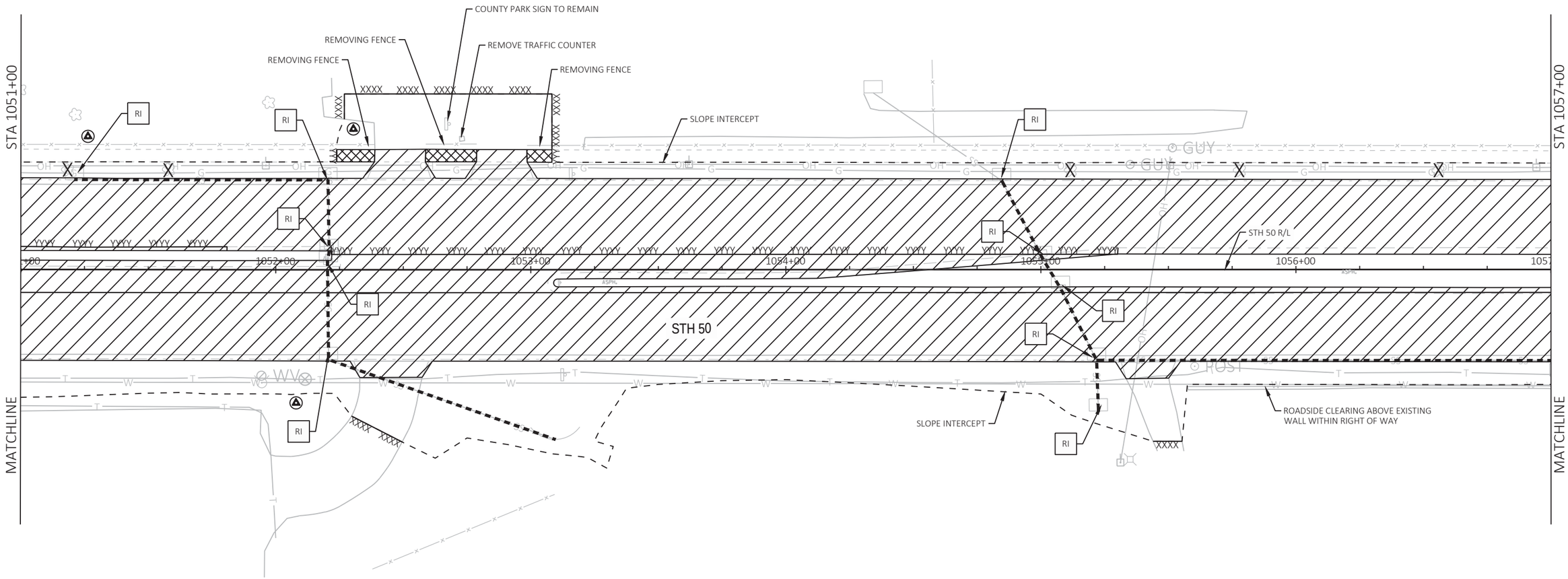
2

2

LEGEND

- CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- SAWING CONCRETE
- SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

N



SHEET 12 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 48	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 12

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

MATCHLINE STA 1057+00

STA 1063+00 MATCHLINE

236TH AVE R/L

236TH AVE

STH 50

STH 50 R/L

1058+00

1059+00

1060+00

1061+00

1062+00

96+00

REMOVE AND REINSTALL LAST THREE SECTIONS OF PIPE WITH JOINT TIES

REMOVE FENCE

SLOPE INTERCEPT

EXISTING CULVERT TO REMAIN

REMOVE AND REINSTALL LAST THREE SECTIONS OF PIPE WITH JOINT TIES

SLOPE INTERCEPT

RI

RM

GUY

WV

MH

SAN

OH

G

W

T

LEGEND

X	CLEARING & GRUBBING
	REMOVING CONCRETE PAVEMENT
	REMOVING CURB OR REMOVING CURB & GUTTER
	REMOVING CONCRETE SIDEWALK
YYYY	SAWING CONCRETE
XXXX	SAWING ASPHALT
	REMOVING ASPHALTIC SURFACE MILLING
	REMOVING ASPHALTIC SURFACE BUTT JONTS
	BASE PATCHING CONCRETE
	REMOVING STORM SEWER
RI	REMOVING INLETS
RI	REMOVING MANHOLES

SHEET 13 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 49	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 13

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STA 1063+00

SLOPE INTERCEPT

REMOVING SMALL PIPE CULVERT

REMOVING SMALL PIPE CULVERT

RI

RI

RI

RI

RI

STH 50

1064+00

1065+00

1066+00

1067+00

1068+00

1069+00

STH 50 R/L

SLOPE INTERCEPT

MATCHLINE

LEGEND

X	CLEARING & GRUBBING
	REMOVING CONCRETE PAVEMENT
	REMOVING CURB OR REMOVING CURB & GUTTER
	REMOVING CONCRETE SIDEWALK
YYYY	SAWING CONCRETE
XXXX	SAWING ASPHALT
	REMOVING ASPHALTIC SURFACE MILLING
	REMOVING ASPHALTIC SURFACE BUTT JONTS
	BASE PATCHING CONCRETE
	REMOVING STORM SEWER
RI	REMOVING INLETS
RI	REMOVING MANHOLES

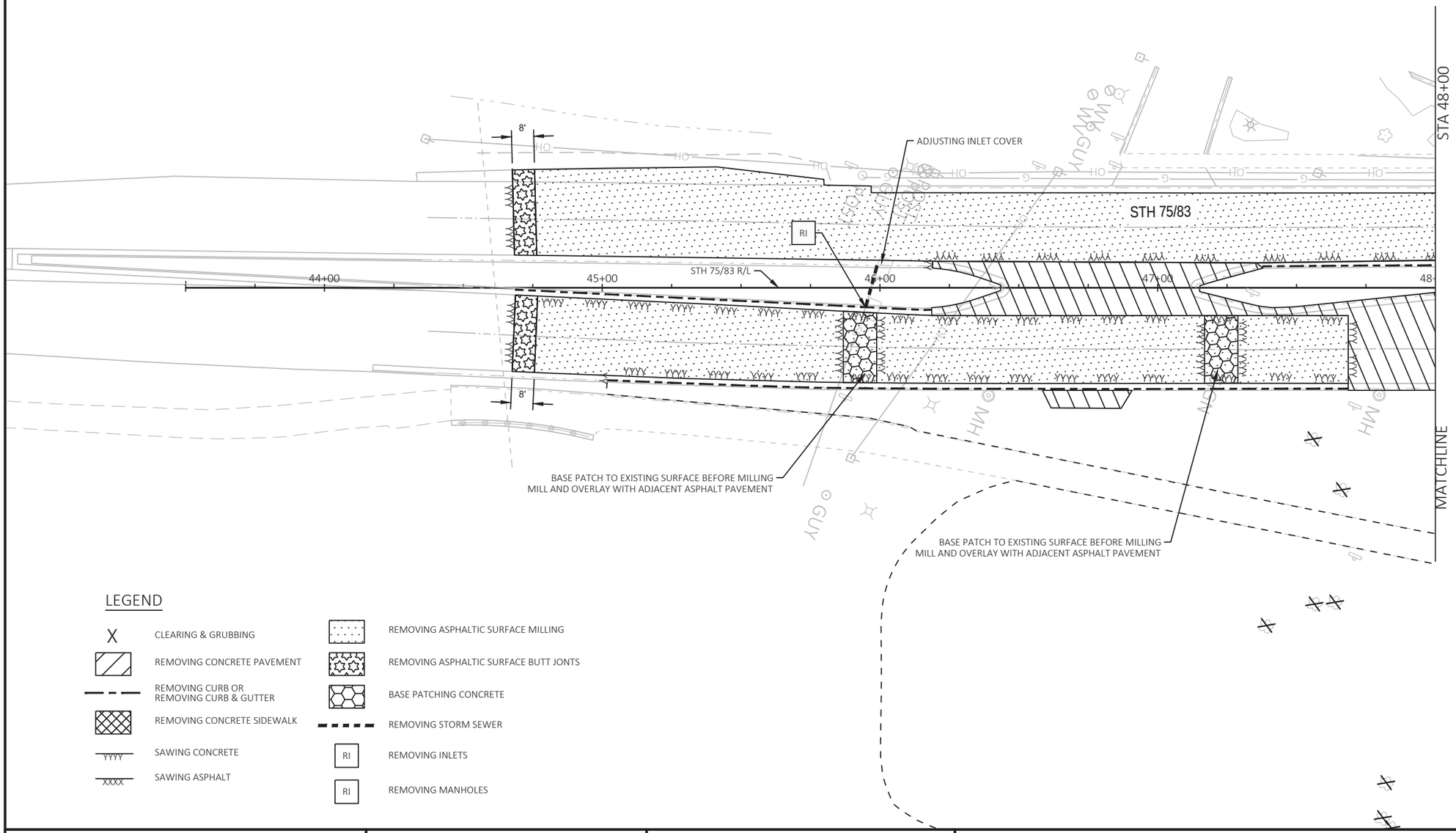
SHEET 14 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 50	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 14

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- YYYY — SAWING CONCRETE
- XXXX — SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

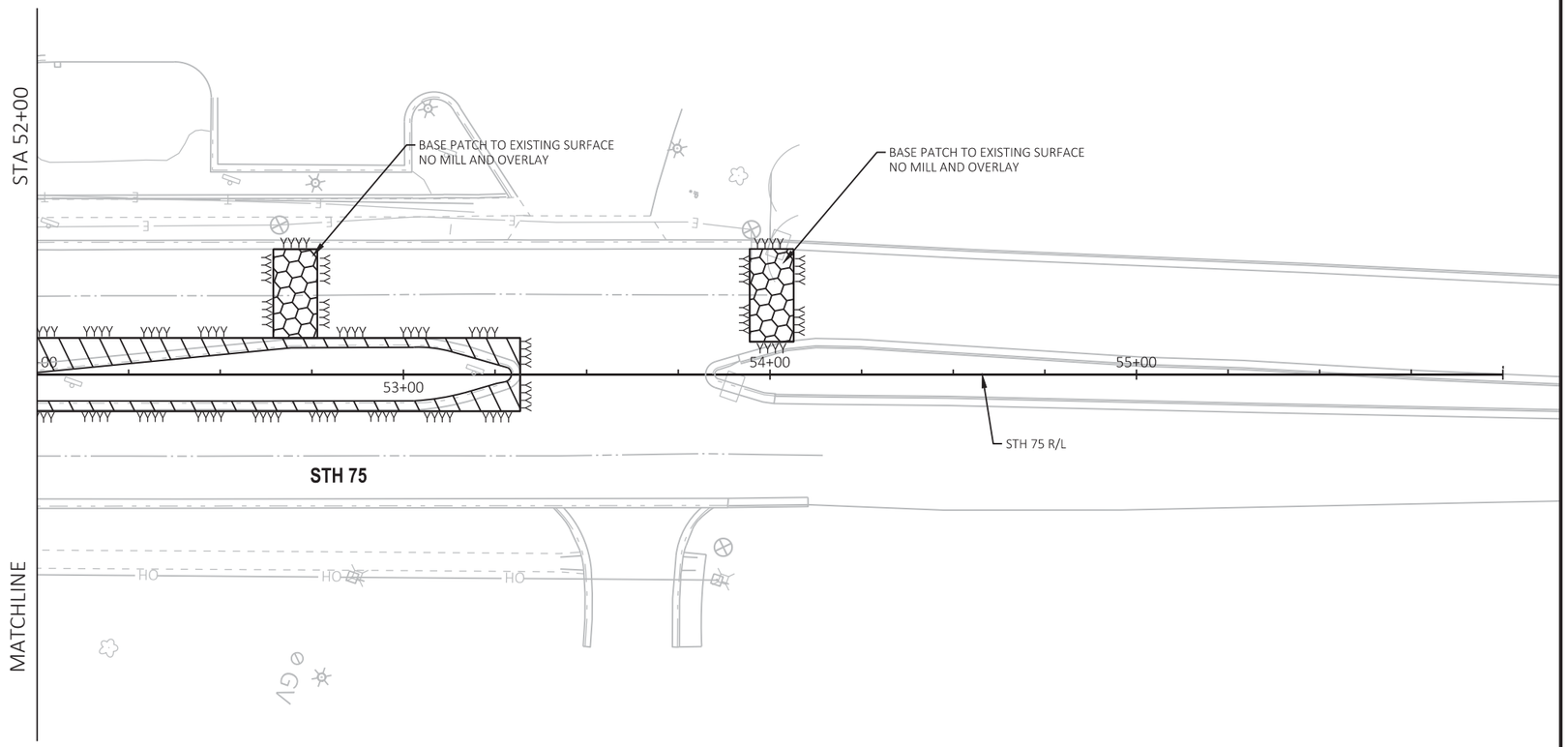
SHEET 15 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 51	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 15

PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

- X — CLEARING & GRUBBING
- REMOVING CONCRETE PAVEMENT
- REMOVING CURB OR REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- YYYY — SAWING CONCRETE
- XXXX — SAWING ASPHALT
- REMOVING ASPHALTIC SURFACE MILLING
- REMOVING ASPHALTIC SURFACE BUTT JONTS
- BASE PATCHING CONCRETE
- REMOVING STORM SEWER
- RI — REMOVING INLETS
- RI — REMOVING MANHOLES

SHEET 16 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	REMOVAL PLANS	SHEET 52	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021101_RP.DWG
LAYOUT NAME - 16

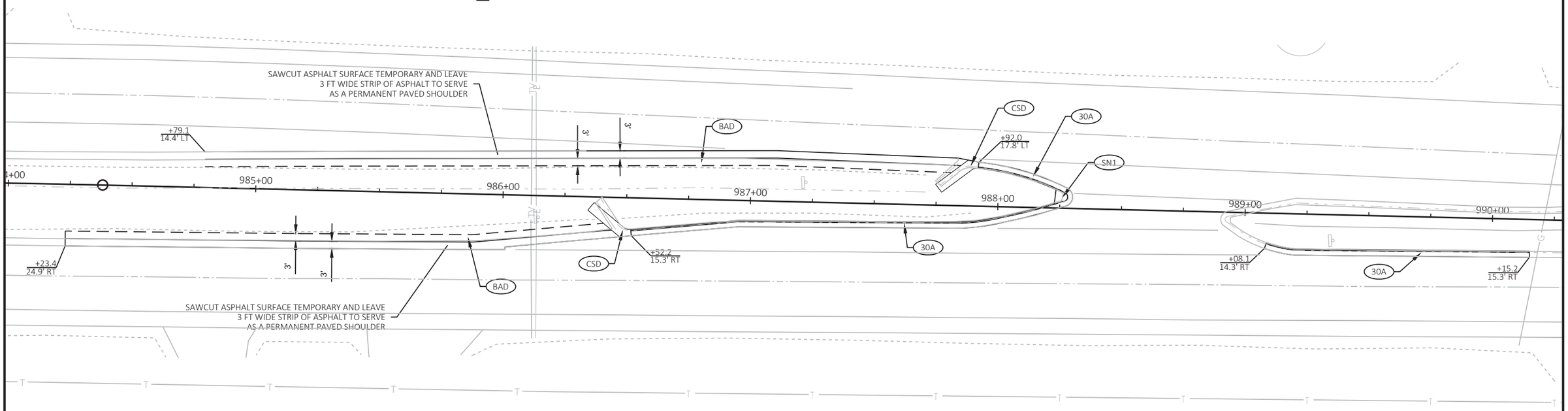
PLOT DATE : 7/29/2021 10:42 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE



SHEET 1 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 53	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 00

PLOT DATE : 7/29/2021 10:45 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

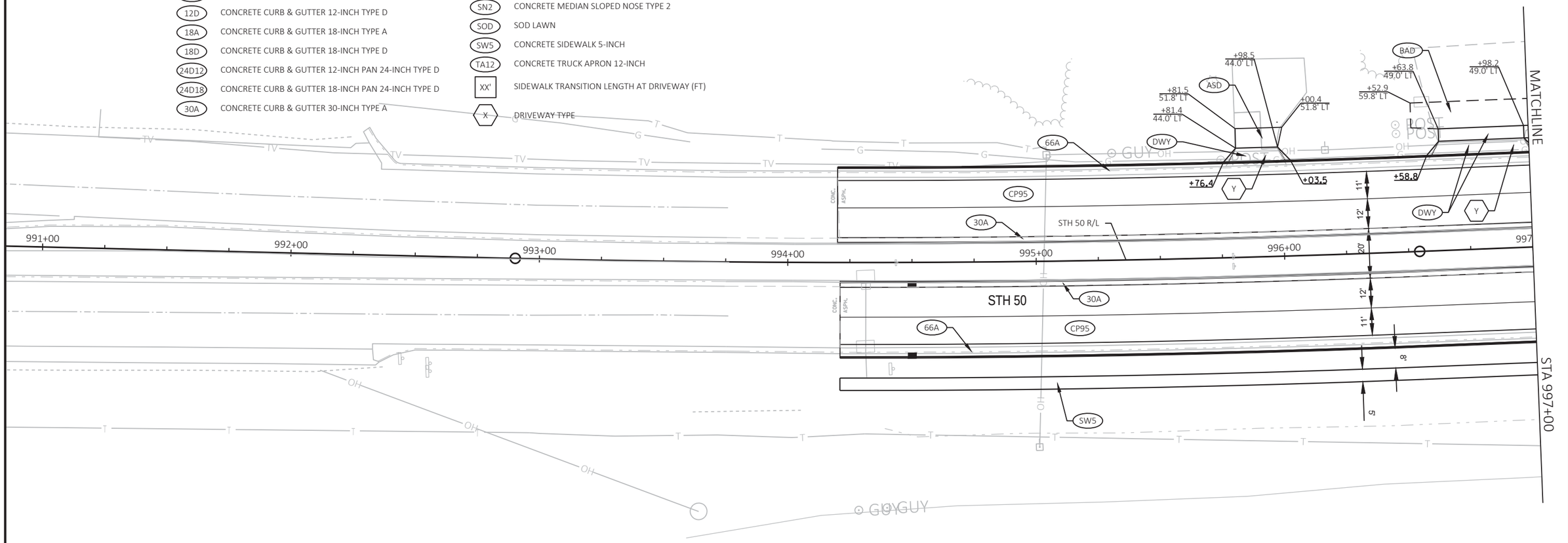
WISDOT/CADDS SHEET 42

2

N

LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE



SHEET 2 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 54	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 01

PLOT DATE : 7/29/2021 10:45 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
A	998+45.55	65.00' RT	128,138.32	549,465.62	75'
B	998+75.78	0.35' LT	128,203.67	549,495.83	3'
C	998+44.09	65.00' LT	128,268.32	549,464.13	75'
D	999+80.59	60.00' RT	128,143.29	549,600.60	60'
E	999+72.46	5.30' RT	128,198.00	549,592.51	4.7'
F	998+36.62	96.00' RT	128,107.32	549,456.70	60'
G	1000+04.70	96.00' RT	128,107.28	549,624.70	60'
H	1002+13.93	49.24' RT	128,153.91	549,833.95	14.6'
I	1003+19.44	46.63' RT	128,156.44	549,939.47	57.2'

LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

N

STA 997+00 · STA 1003+00 · MATCHLINE · STA 3+75 · STH 50 · STH 50 R/L · CTH F/ 256TH AVE · CTH F R/L · WOOD PEDESTRIAN SAFETY FENCE

SHEET 3 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 55	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 02

PLOT DATE : 7/29/2021 10:45 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCHLINE STA 52+00

STA 1003+00

STA 1009+00

MATCHLINE STA 48+00

STH 75

STH 83

STH 50

STH 50 R/L

STH 75/STH 83 R/L

WALL MODULAR BLOCK GRAVITY
SEE PLAN DETAIL FOR PARCEL

TRANSITION OVER 6 FEET
SEE CONSTRUCTION DETAIL

CONCRETE SIDEWALK 12-INCH

TRANSITION OVER 10 FEET
SEE CONSTRUCTION DETAIL

TRANSITION PEDESTRIAN CURB HEIGHT FROM
6-INCHES TO 12-INCHES FROM STA 1003+87.5
TO STA 1004+25

SEE PARCEL 7 PLAN DETAIL
FOR PARKING LOT GRADES
AND LAYOUT INFORMATION

SEE CURB RAMP DETAILS AND HANDICAP RAMP DETAIL
FOR HANDICAP RAMP ELEVATIONS AND LAYOUT INFORMATION

LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 4 OF 19

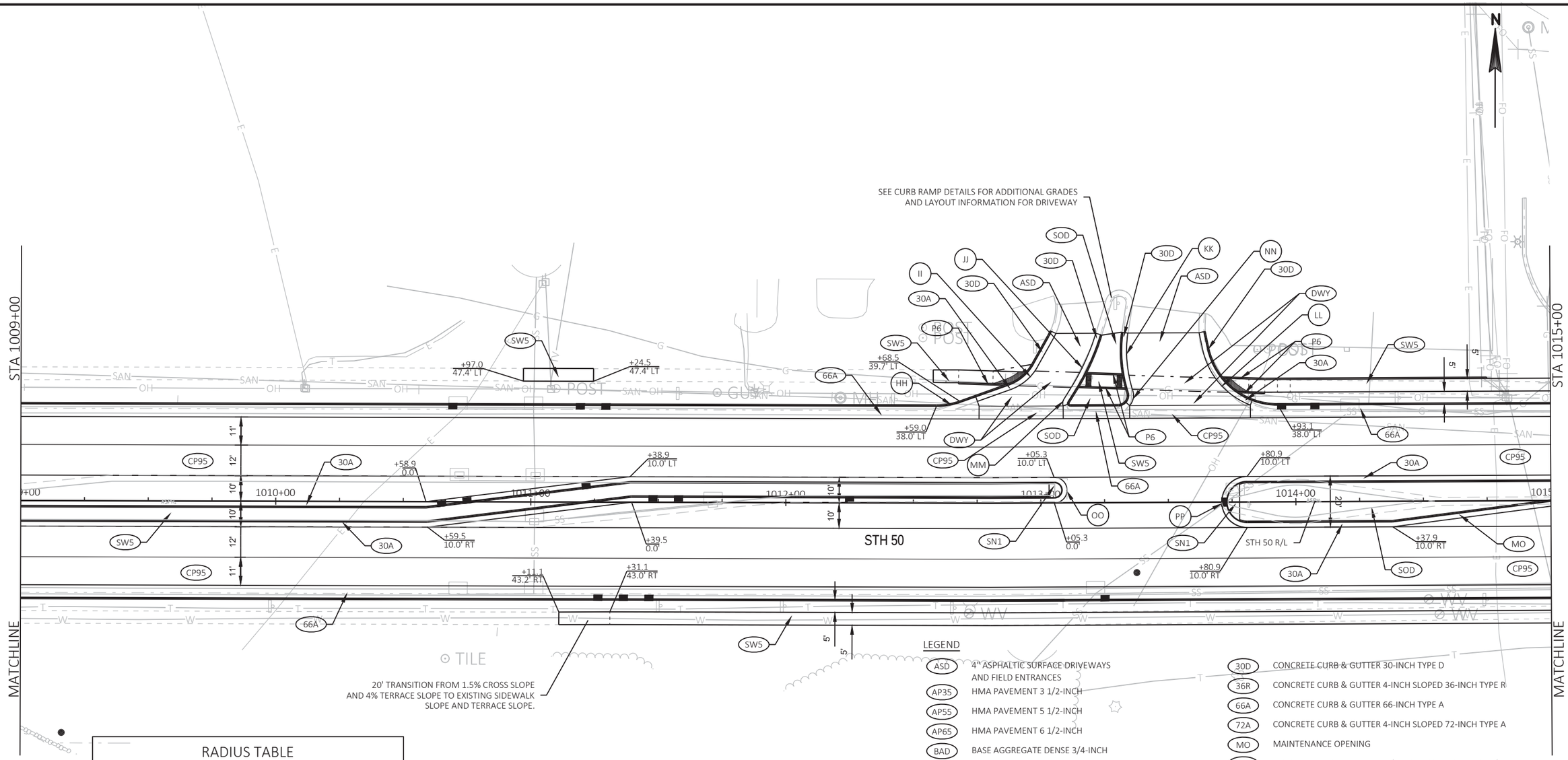
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 56	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 03
PLOT DATE : 7/29/2021 10:45 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
AA	1006+54.65	68.94' RT	128,133.92	550,274.67	3.5'
BB	1006+59.24	41.63' RT	128,161.23	550,279.27	3.5'
CC	1007+37.09	66.39' RT	128,136.41	550,357.11	35'
DD	1007+56.44	84.53' RT	128,118.26	550,376.44	80'
EE	1007+16.68	80.16' RT	128,122.66	550,336.69	40'
FF	1007+27.05	91.00' RT	128,111.81	550,347.05	55'
GG	1006+52.99	64.20' RT	128,138.66	550,273.01	15'
J	1004+42.69	96.00' LT	128,299.00	550,062.81	60'
K	1004+60.91	78.88' LT	128,281.86	550,081.02	35'
L	1003+48.10	108.88' LT	128,311.93	549,968.22	150'
M	1004+65.53	120.32' LT	128,323.30	550,085.66	26.5'
N	1005+11.17	39.50' LT	128,242.45	550,131.25	3.5'

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
O	1005+25.10	39.50' LT	128,242.44	550,145.18	3.5'
P	1005+13.71	68.48' LT	128,271.43	550,133.81	3.5'
Q	1005+61.97	69.51' LT	128,272.43	550,182.07	5'
R	1006+54.09	106.00' LT	128,308.86	550,274.22	70'
S	1006+18.04	71.75' LT	128,274.63	550,238.14	12'
T	1006+43.92	66.50' LT	128,269.37	550,264.02	20'
U	1005+09.08	5.00' LT	128,207.95	550,129.13	5'
V	1006+46.41	5.00' RT	128,197.87	550,266.46	5'
W	1005+21.99	105.00' RT	128,097.95	550,141.98	60'
X	1005+09.46	122.22' RT	128,080.73	550,129.44	71'
Y	1006+05.30	73.60' RT	128,129.29	550,225.31	5'
Z	1006+43.60	41.63' RT	128,161.24	550,263.63	3.5'

2



RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
HH	1012+59.01	66.00' LT	128,268.47	550,879.11	28'*
II	1012+81.57	63.33' LT	128,265.80	550,901.19	20'
JJ	1012+35.20	92.74' LT	128,295.23	550,855.32	90'
KK	1013+85.65	59.28' LT	128,262.46	551,005.30	51.8'
LL	1013+93.10	66.00' LT	128,269.23	551,012.70	30'
MM	1013+11.76	39.00' LT	128,241.67	550,931.55	3'
NN	1013+30.51	42.00' LT	128,244.80	550,950.28	6'
OO	1013+05.27	5.00' LT	128,207.63	550,925.29	5'
PP	1013+80.94	0.00'	128,203.15	551,001.00	10'

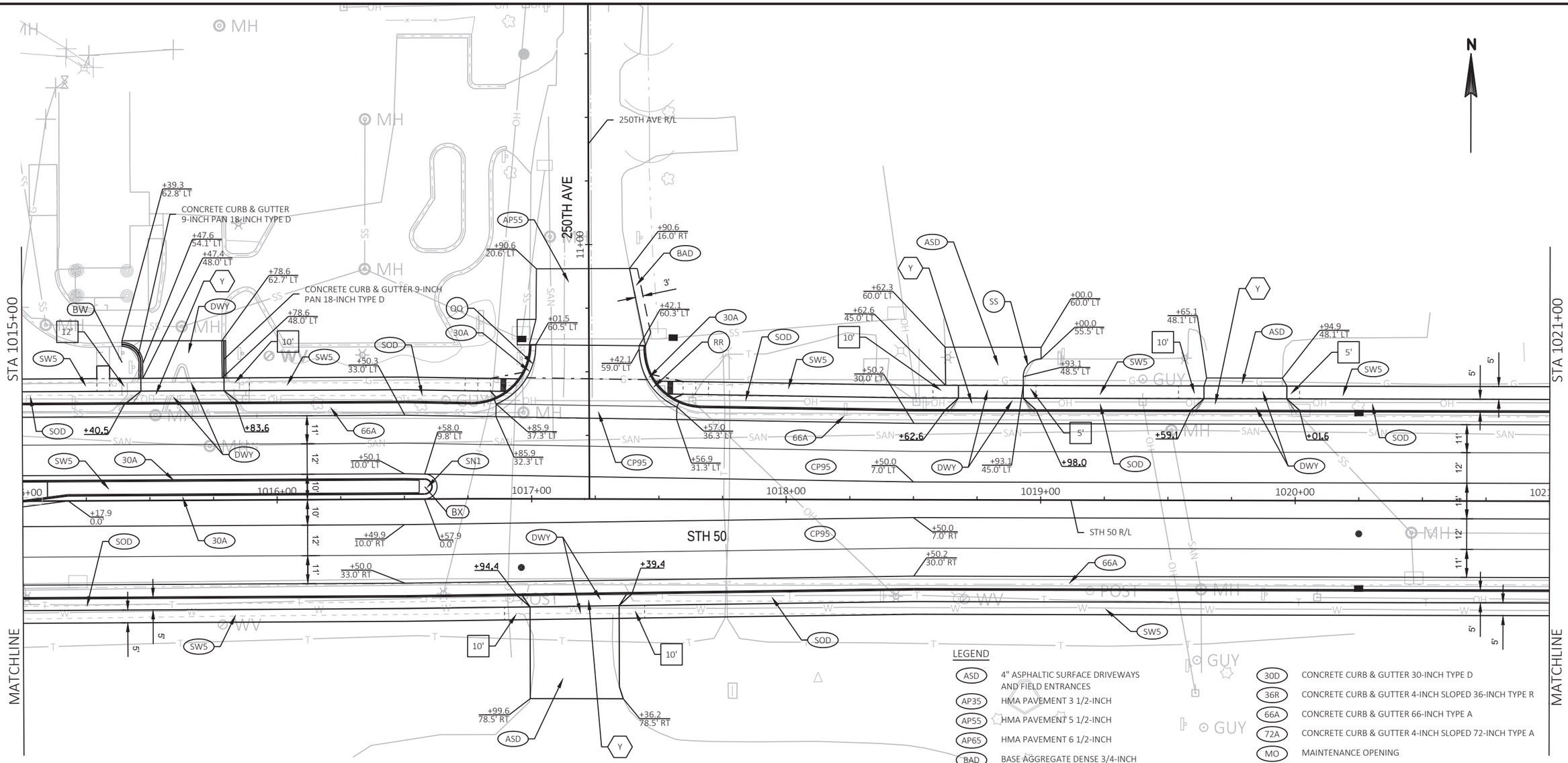
* RADIUS MEASURED TO FACE OF CURB

LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 58	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 04
PLOT DATE : 7/29/2021 10:45 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
BW	1015+39.44	54.13' LT	128,258.36	551,159.12	8'
BX	1016+57.91	4.92' LT	128,209.96	551,277.92	4.9'
QQ	1016+76.91	60.44' LT	128,265.62	551,296.55	25'
RR	1017+67.08	59.15' LT	128,264.30	551,387.17	25'
SS	1019+00.05	48.46' LT	128,253.52	551,520.13	7'

LEGEND

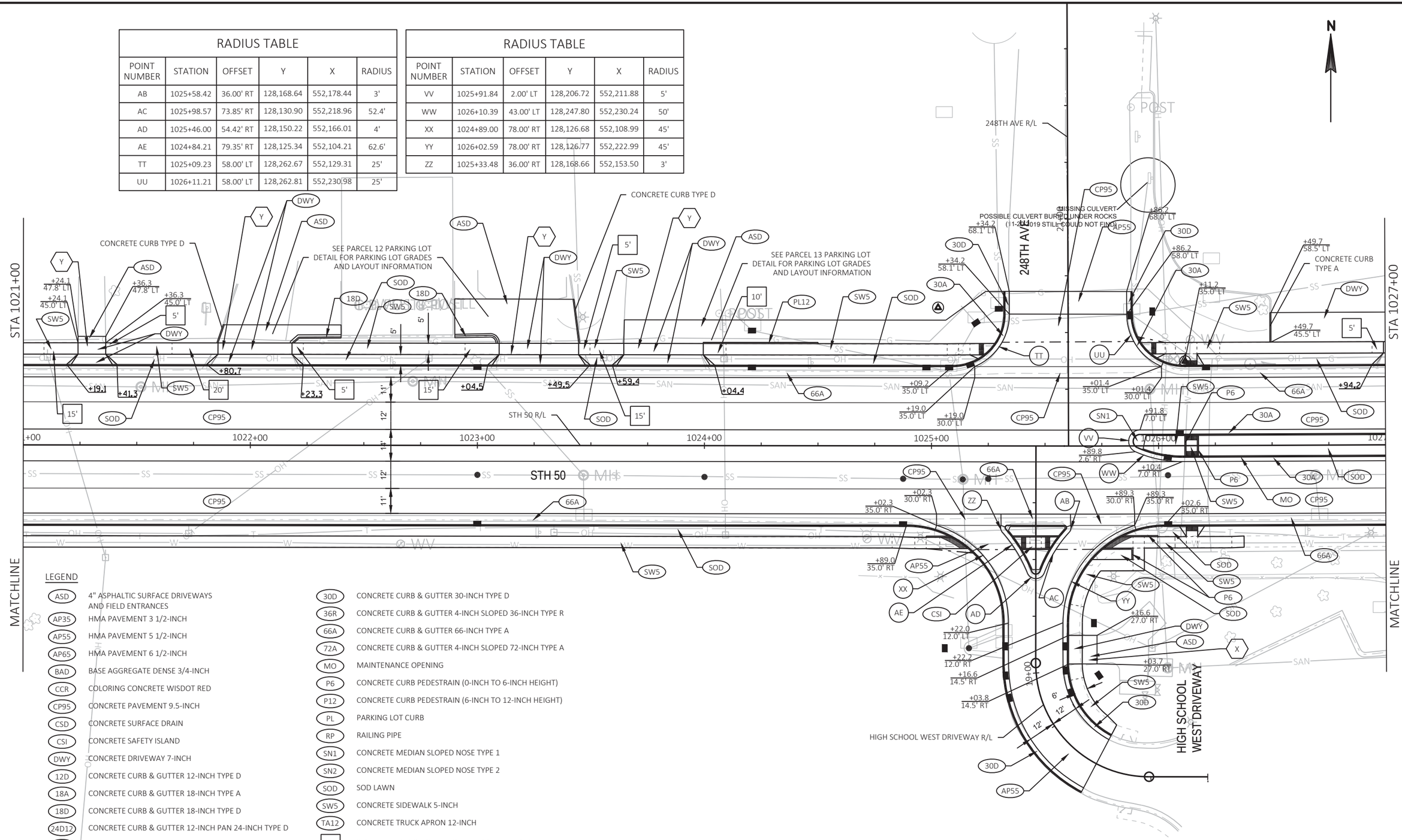
ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 59	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 05
PLOT DATE : 7/29/2021 10:46 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
AB	1025+58.42	36.00' RT	128,168.64	552,178.44	3'
AC	1025+98.57	73.85' RT	128,130.90	552,218.96	52.4'
AD	1025+46.00	54.42' RT	128,150.22	552,166.01	4'
AE	1024+84.21	79.35' RT	128,125.34	552,104.21	62.6'
TT	1025+09.23	58.00' LT	128,262.67	552,129.31	25'
UU	1026+11.21	58.00' LT	128,262.81	552,230.98	25'

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
VV	1025+91.84	2.00' LT	128,206.72	552,211.88	5'
WW	1026+10.39	43.00' LT	128,247.80	552,230.24	50'
XX	1024+89.00	78.00' RT	128,126.68	552,108.99	45'
YY	1026+02.59	78.00' RT	128,126.77	552,222.99	45'
ZZ	1025+33.48	36.00' RT	128,168.66	552,153.50	3'



LEGEND

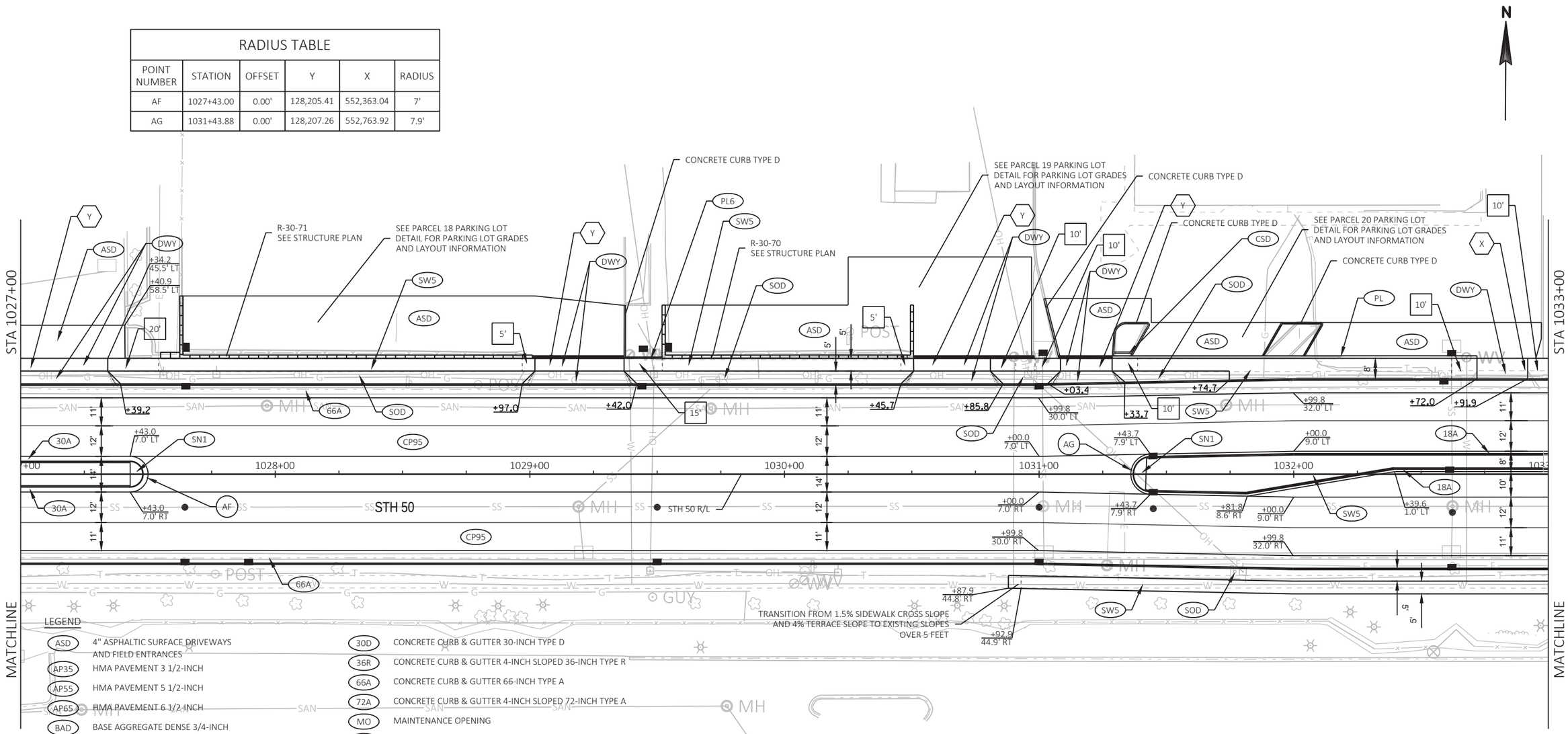
ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 8 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 60	E

2

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
AF	1027+43.00	0.00'	128,205.41	552,363.04	7'
AG	1031+43.88	0.00'	128,207.26	552,763.92	7.9'



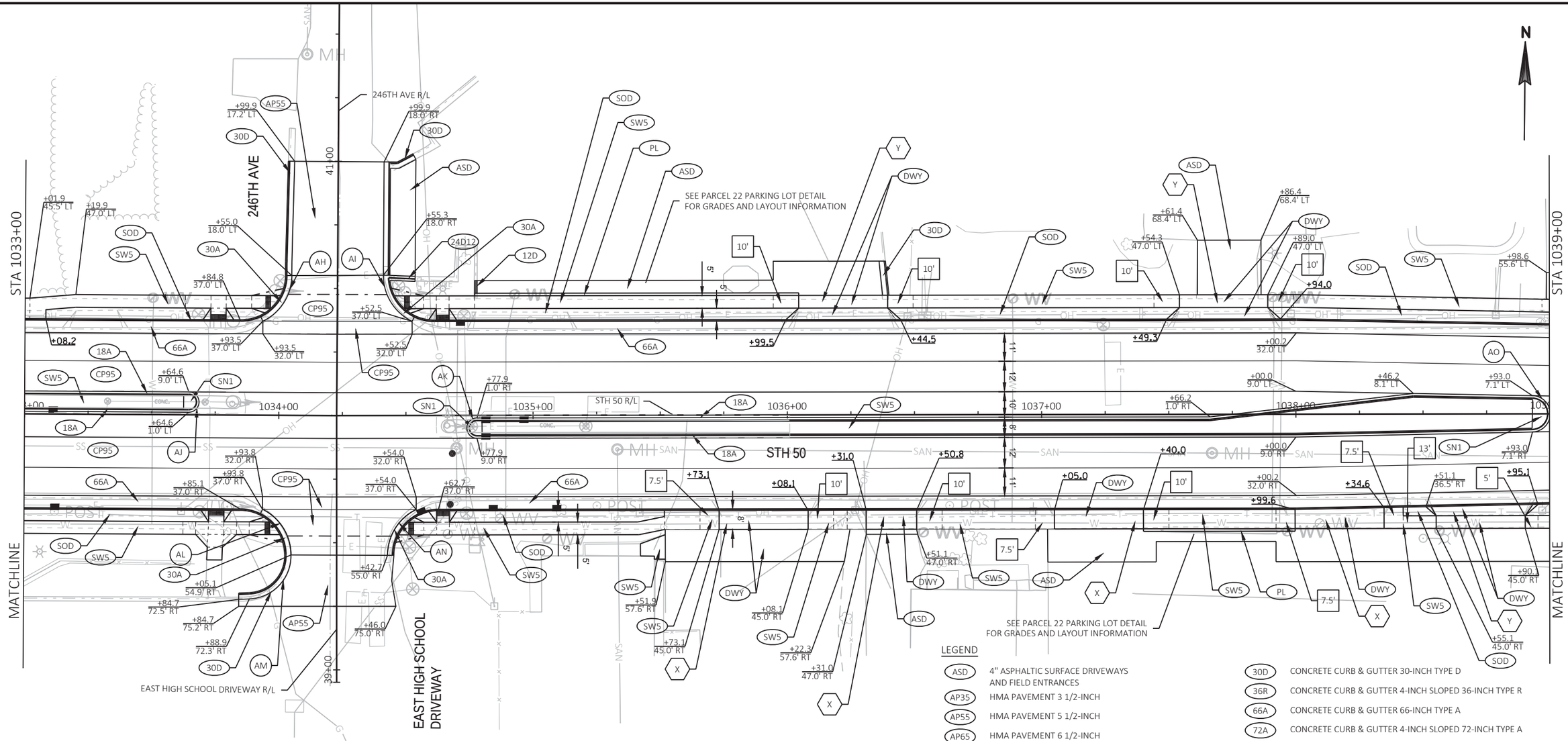
LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 9 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 61	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 07
PLOT DATE : 7/29/2021 10:46 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
AH	1033+84.81	55.00' LT	128,263.37	553,004.60	20'
AI	1034+61.22	55.00' LT	128,264.02	553,080.60	20'
AJ	1033+64.57	5.00' LT	128,213.28	552,984.59	4'
AK	1034+77.94	5.00' RT	128,204.22	553,098.04	4'
AL	1033+85.10	55.00' RT	128,153.37	553,005.39	20'
AM	1033+88.10	55.30' RT	128,153.09	553,008.40	17'
AN	1034+62.70	55.00' RT	128,154.04	553,083.39	20'
AO	1038+92.86	0.00'	128,214.16	553,512.86	7.1'

LEGEND

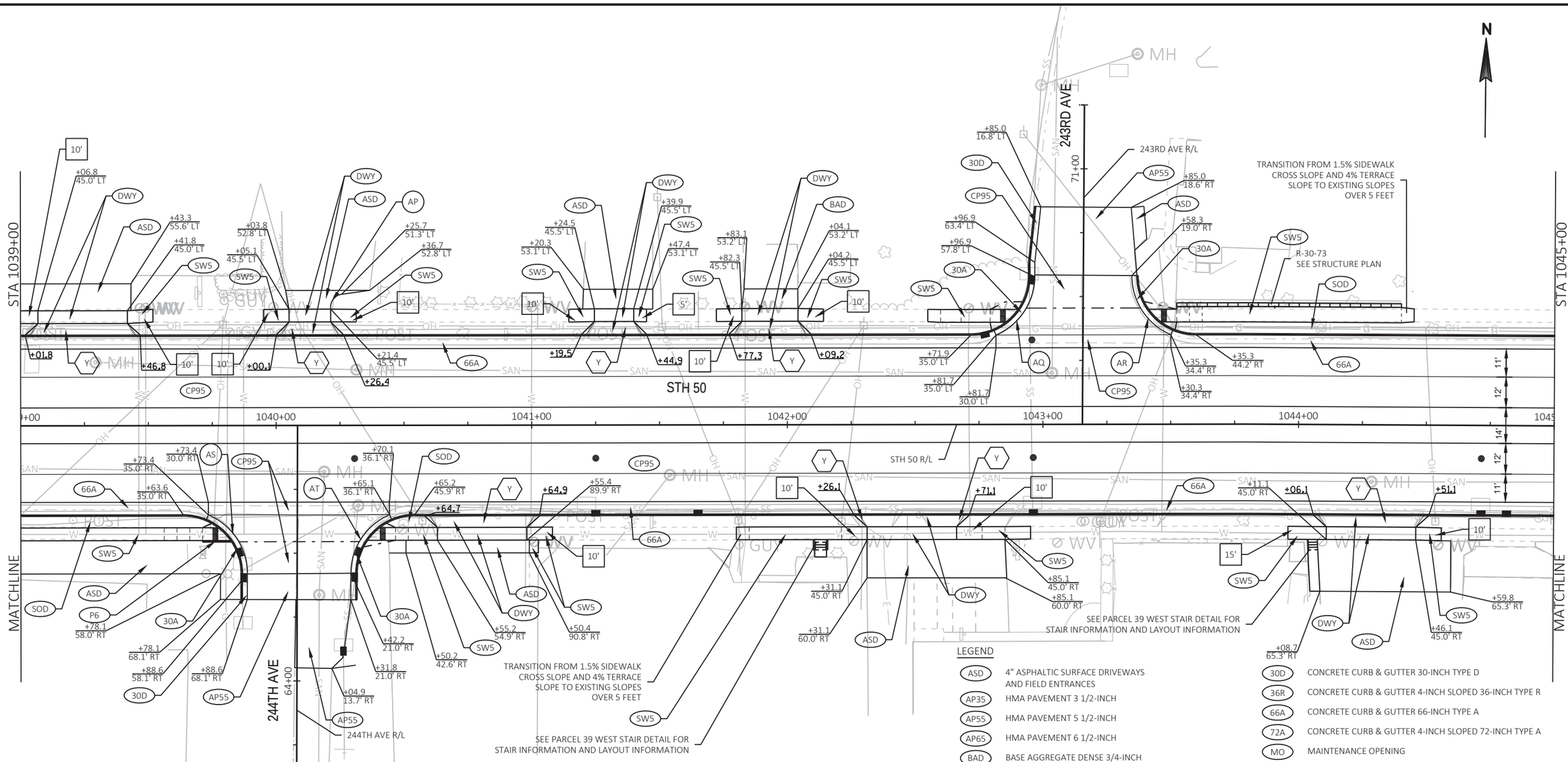
ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 10 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 62	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 08
PLOT DATE : 7/29/2021 10:46 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
AP	1040+26.37	46.34' LT	128,262.08	553,645.81	5'
AQ	1042+71.88	58.00' LT	128,276.67	553,891.17	25'
AR	1043+59.88	58.00' LT	128,277.71	553,979.16	25'
AS	1039+63.63	58.00' RT	128,157.01	553,584.32	25'
AT	1040+54.13	58.00' RT	128,158.08	553,674.81	25'

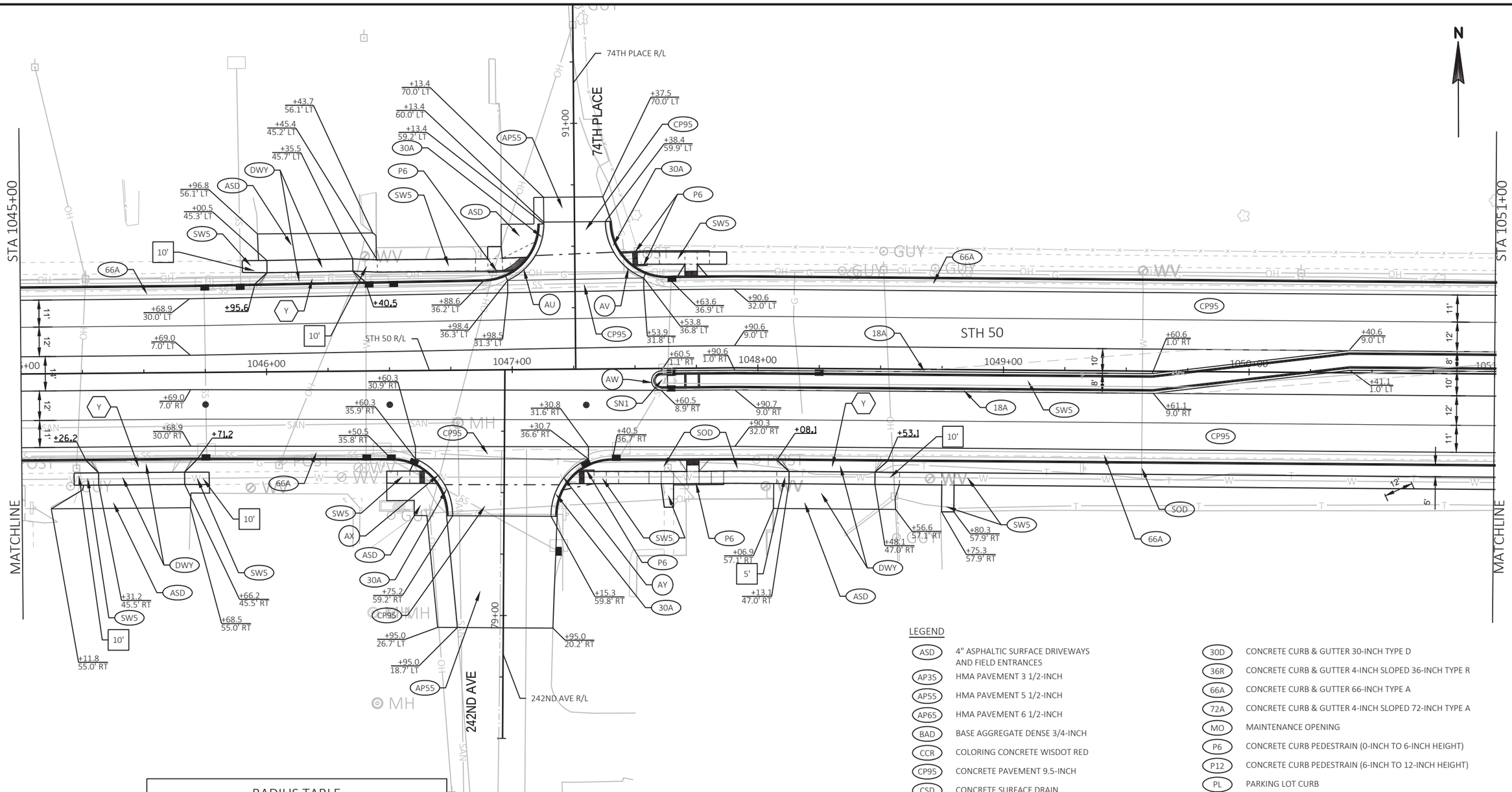
LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 11 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 63	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 09
PLOT DATE : 7/29/2021 10:46 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



RADIUS TABLE

POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
AU	1046+88.38	59.20' LT	128,280.58	554,308.07	25'
AV	1047+63.38	59.95' LT	128,281.67	554,383.07	25'
AW	1047+60.59	5.00' RT	128,216.71	554,380.57	3.9'
AX	1046+50.25	58.82' RT	128,162.39	554,270.48	25'
AY	1047+40.28	59.72' RT	128,161.91	554,360.52	25'

LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

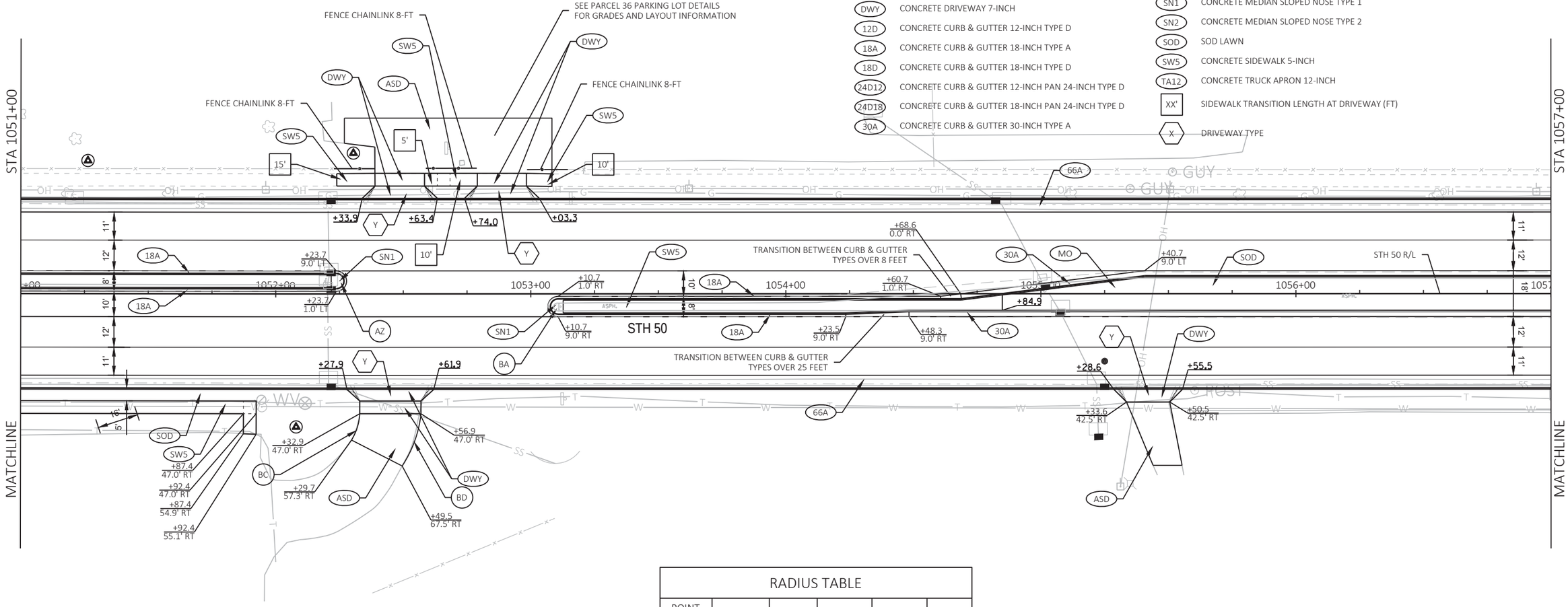
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 64	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 10
PLOT DATE : 7/29/2021 10:46 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP9S	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

N



RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
AZ	1052+23.75	5.00' LT	128,221.58	554,843.73	4'
BA	1053+10.71	5.00' RT	128,210.68	554,930.58	4'
BC	1052+11.40	45.93' RT	128,170.78	554,830.85	21.6'
BD	1052+10.84	41.97' RT	128,174.75	554,830.33	46.4'

SHEET 13 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 65	E

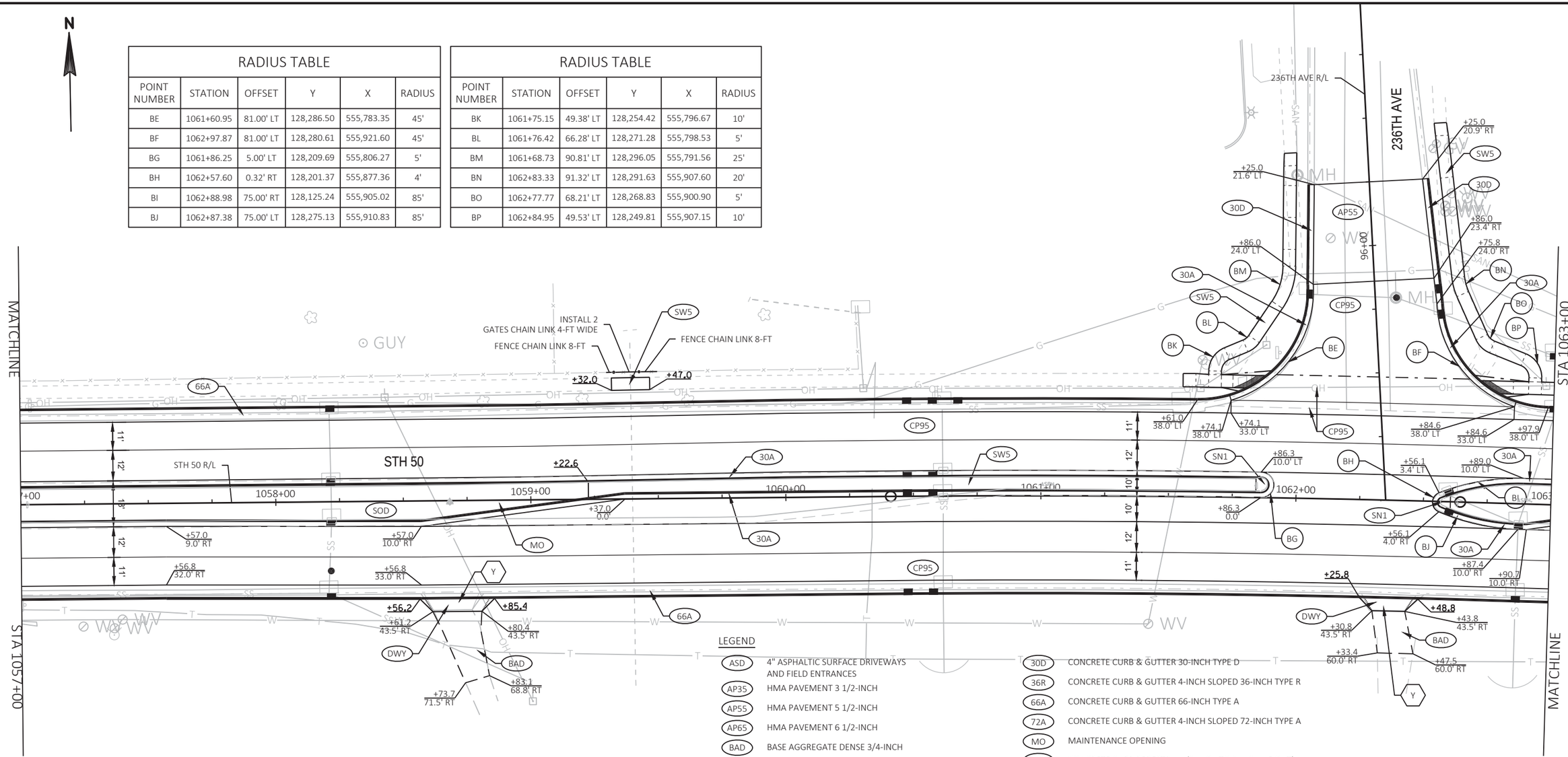
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 11
PLOT DATE : 7/29/2021 10:46 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
BE	1061+60.95	81.00' LT	128,286.50	555,783.35	45'
BF	1062+97.87	81.00' LT	128,280.61	555,921.60	45'
BG	1061+86.25	5.00' LT	128,209.69	555,806.27	5'
BH	1062+57.60	0.32' RT	128,201.37	555,877.36	4'
BI	1062+88.98	75.00' RT	128,125.24	555,905.02	85'
BJ	1062+87.38	75.00' LT	128,275.13	555,910.83	85'

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
BK	1061+75.15	49.38' LT	128,254.42	555,796.67	10'
BL	1061+76.42	66.28' LT	128,271.28	555,798.53	5'
BM	1061+68.73	90.81' LT	128,296.05	555,791.56	25'
BN	1062+83.33	91.32' LT	128,291.63	555,907.60	20'
BO	1062+77.77	68.21' LT	128,268.83	555,900.90	5'
BP	1062+84.95	49.53' LT	128,249.81	555,907.15	10'



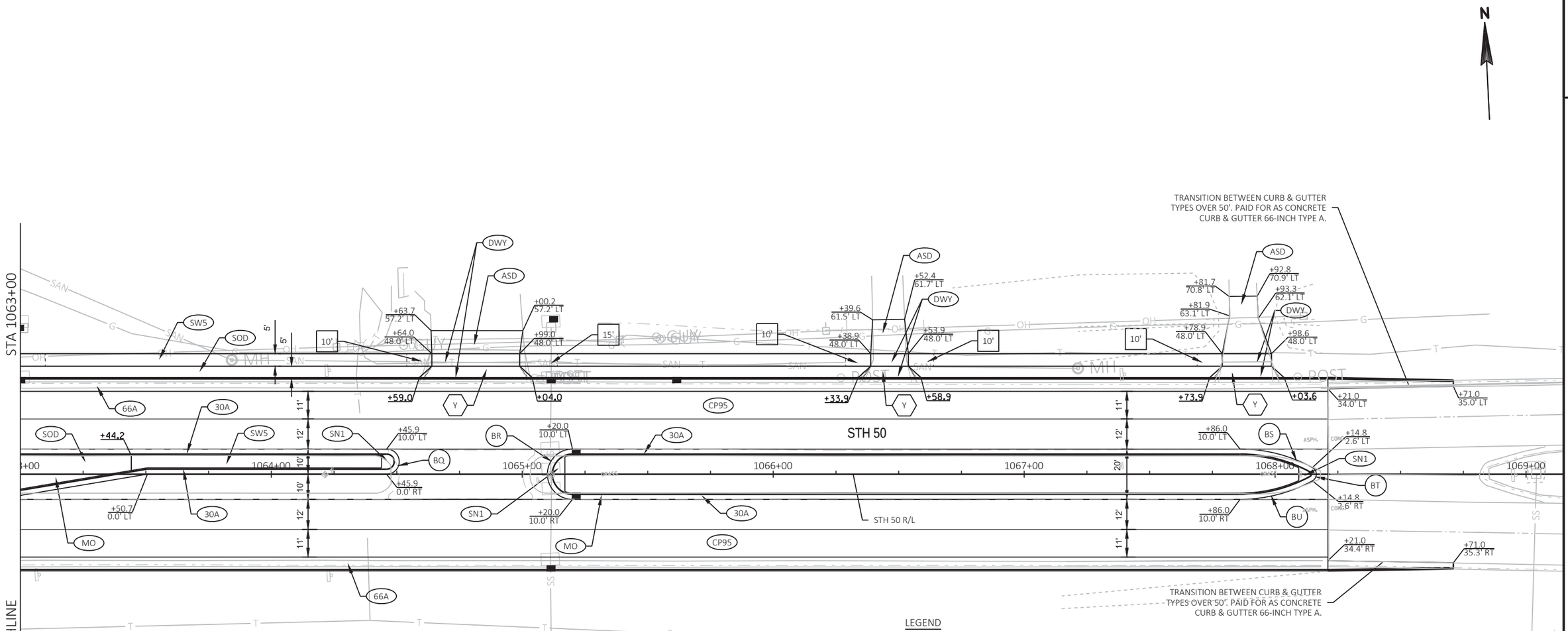
LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 14 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 66	E

2



RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
BQ	1064+45.95	5.00' LT	128,197.38	556,065.75	5'
BR	1065+20.00	0.00'	128,188.73	556,139.47	10'
BS	1067+86.03	50.00' RT	128,125.65	556,402.69	60'
BT	1068+13.40	0.00'	128,174.23	556,432.50	3'
BU	1067+86.03	50.00' LT	128,225.53	556,407.63	60'

LEGEND

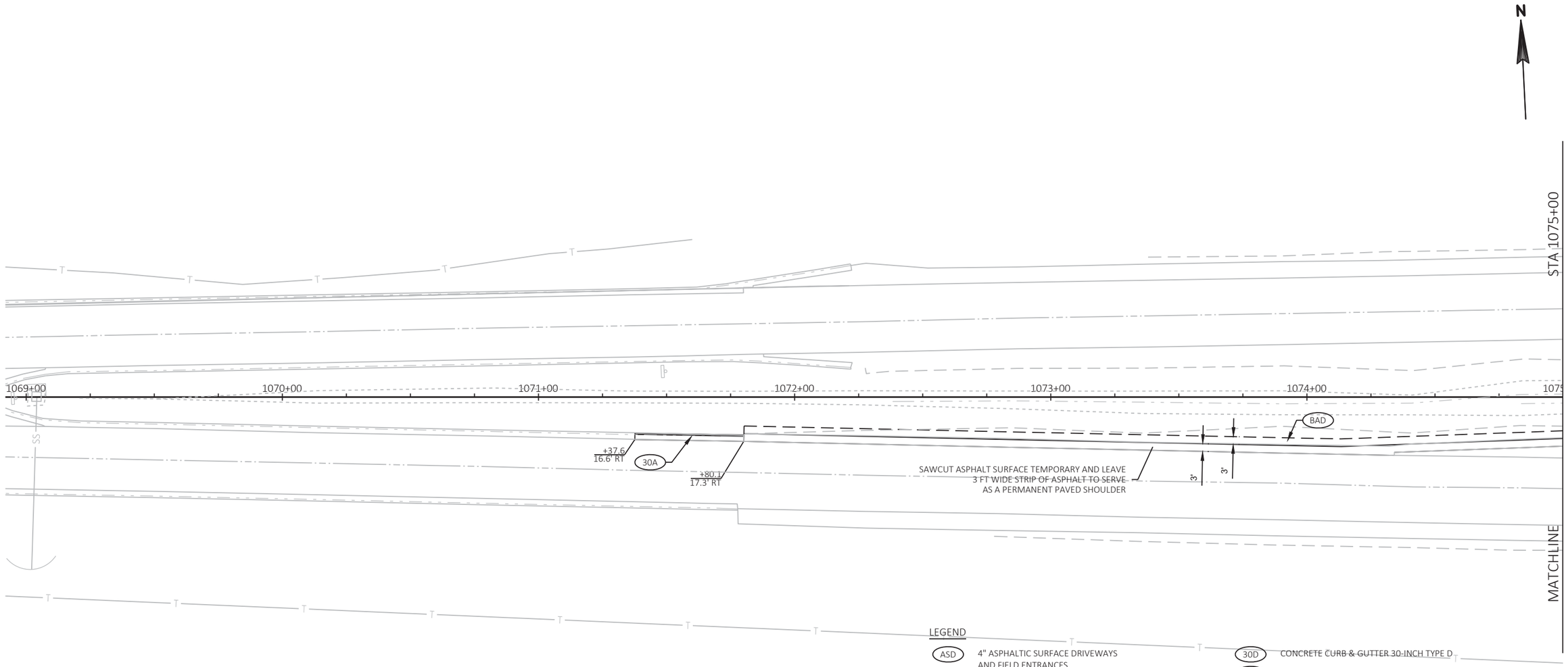
ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 15 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 67	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 13
PLOT DATE : 7/29/2021 10:46 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 16 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 68	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 14

PLOT DATE : 7/29/2021 10:47 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

STA 1063+00

MATCHLINE

+60.0
22.7' LT

1076+00

1077+00

1078+00

3

3

BAD

SAWCUT ASPHALT SURFACE TEMPORARY AND LEAVE
3 FT WIDE STRIP OF ASPHALT TO SERVE
AS A PERMANENT PAVED SHOULDER

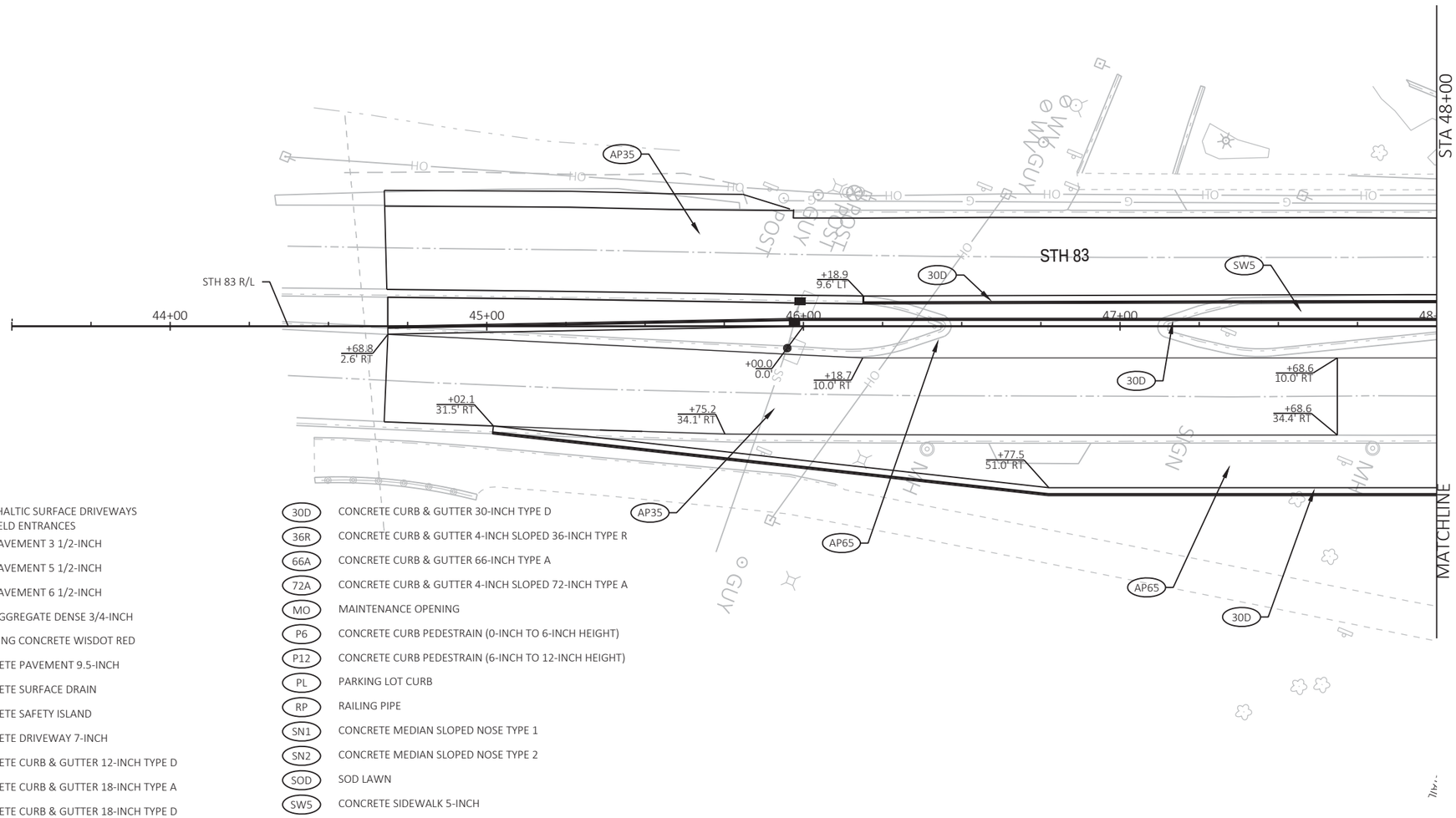
LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 17 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 69	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 15
PLOT DATE : 7/29/2021 10:47 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 18 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 70	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 16

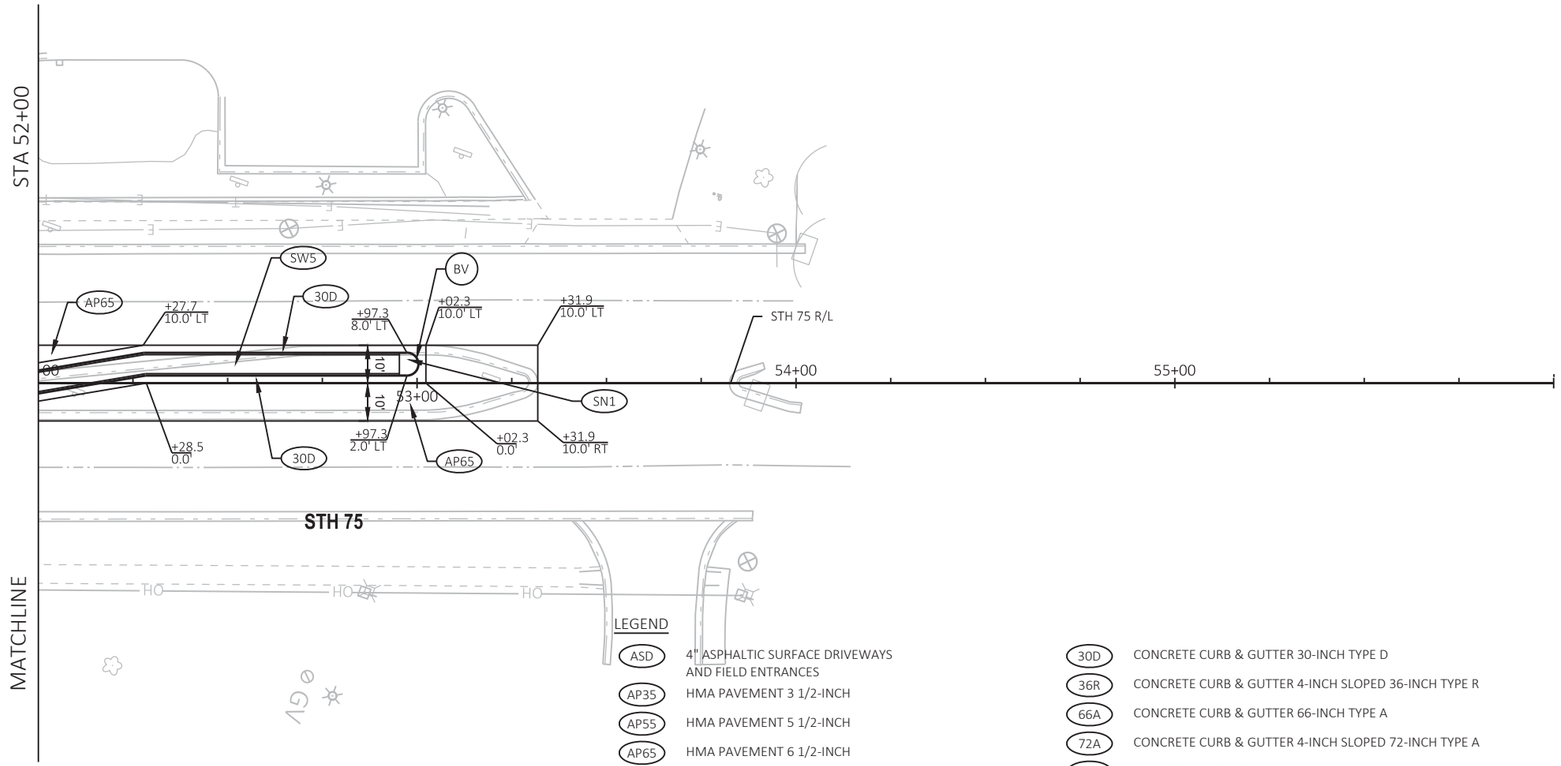
PLOT DATE : 7/29/2021 10:47 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
BV	52+97.34	5.00' LT	128,482.09	550,098.55	3'*

* RADIUS MEASURED TO THE FACE OF CURB



LEGEND

ASD	4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES
AP35	HMA PAVEMENT 3 1/2-INCH
AP55	HMA PAVEMENT 5 1/2-INCH
AP65	HMA PAVEMENT 6 1/2-INCH
BAD	BASE AGGREGATE DENSE 3/4-INCH
CCR	COLORING CONCRETE WISDOT RED
CP95	CONCRETE PAVEMENT 9.5-INCH
CSD	CONCRETE SURFACE DRAIN
CSI	CONCRETE SAFETY ISLAND
DWY	CONCRETE DRIVEWAY 7-INCH
12D	CONCRETE CURB & GUTTER 12-INCH TYPE D
18A	CONCRETE CURB & GUTTER 18-INCH TYPE A
18D	CONCRETE CURB & GUTTER 18-INCH TYPE D
24D12	CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D
24D18	CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH TYPE D
30A	CONCRETE CURB & GUTTER 30-INCH TYPE A
30D	CONCRETE CURB & GUTTER 30-INCH TYPE D
36R	CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R
66A	CONCRETE CURB & GUTTER 66-INCH TYPE A
72A	CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A
MO	MAINTENANCE OPENING
P6	CONCRETE CURB PEDESTRAIN (0-INCH TO 6-INCH HEIGHT)
P12	CONCRETE CURB PEDESTRAIN (6-INCH TO 12-INCH HEIGHT)
PL	PARKING LOT CURB
RP	RAILING PIPE
SN1	CONCRETE MEDIAN SLOPED NOSE TYPE 1
SN2	CONCRETE MEDIAN SLOPED NOSE TYPE 2
SOD	SOD LAWN
SW5	CONCRETE SIDEWALK 5-INCH
TA12	CONCRETE TRUCK APRON 12-INCH
XX'	SIDEWALK TRANSITION LENGTH AT DRIVEWAY (FT)
X	DRIVEWAY TYPE

SHEET 19 OF 19

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 71	E

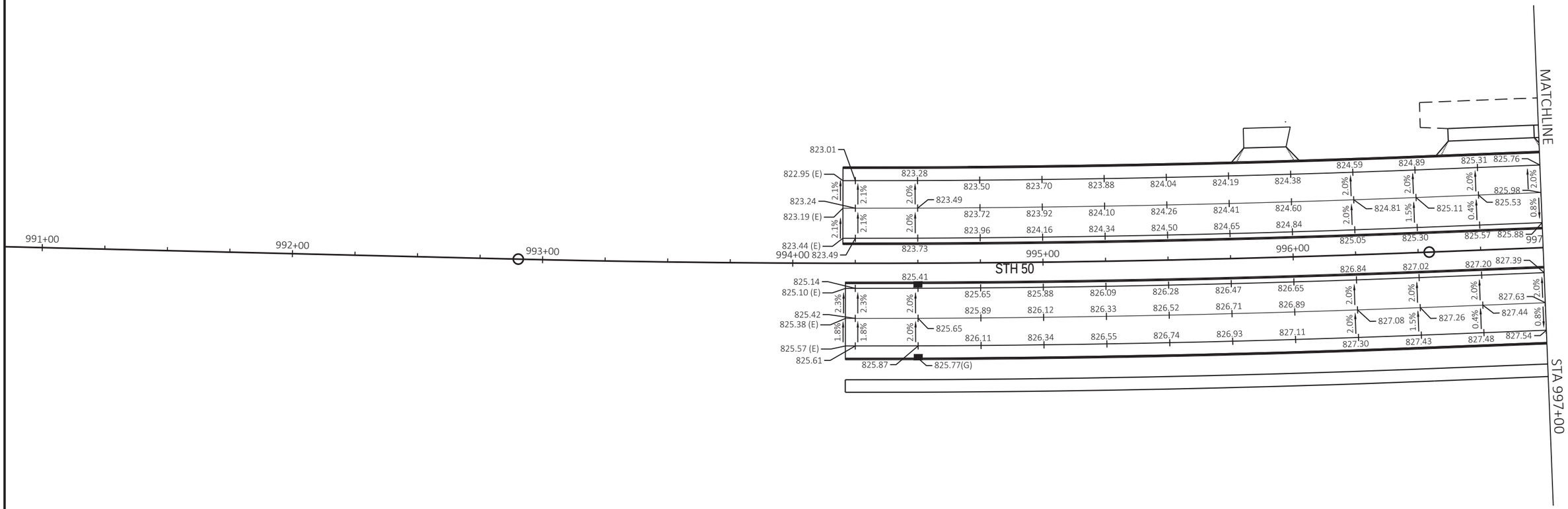
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021201_PD.DWG
LAYOUT NAME - 17
PLOT DATE : 7/29/2021 10:47 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT



SHEET 1 OF 15

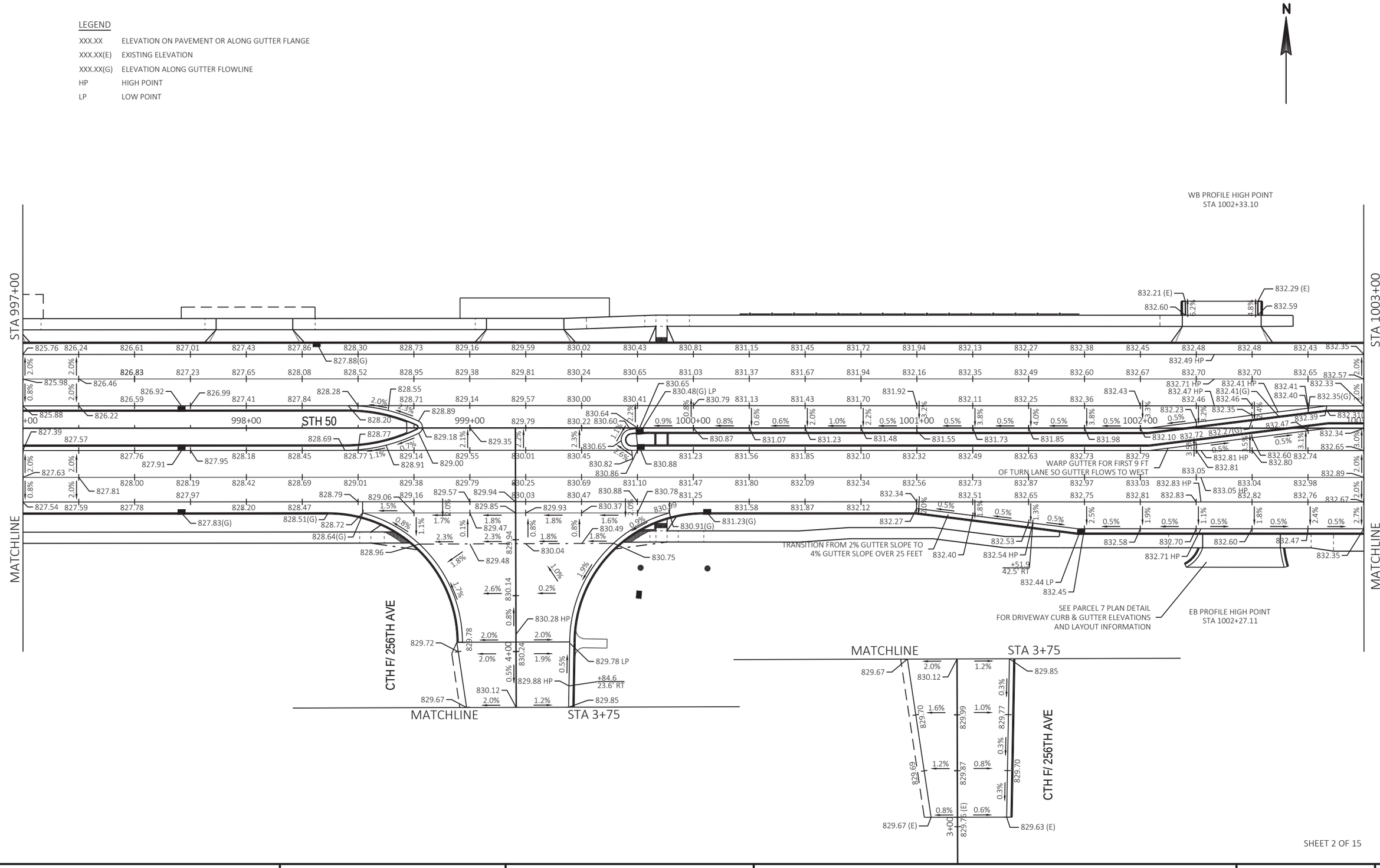
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 72	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-01

PLOT DATE : 7/29/2021 10:51 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT



SHEET 2 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 73	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-02

PLOT DATE : 7/29/2021 10:51 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCHLINE STA 52+00

STH 75

WARP GUTTER TO MAINTAIN 0.5% ALONG FLOWLINE

SEE CURB RAMP DETAILS FOR PORK CHOP ISLAND GRADES

REJECT GUTTER

STA 1003+00

STA 1009+00

STH 50

1004+00

1005+00

1006+00

1007+00

1008+00

1009+00

MATCHLINE

MATCHLINE

SEE PARCEL 7 PLAN DETAIL FOR PARKING LOT GRADES AND LAYOUT INFORMATION

SEE CURB RAMP DETAILS AND HANDICAP RAMP DETAIL FOR HANDICAP RAMP ELEVATIONS AND LAYOUT INFORMATION

SEE CURB RAMP DETAILS FOR PORK CHOP ISLAND GRADES

OUTFLOW 828.43 LP

STH 83

STA 48+00

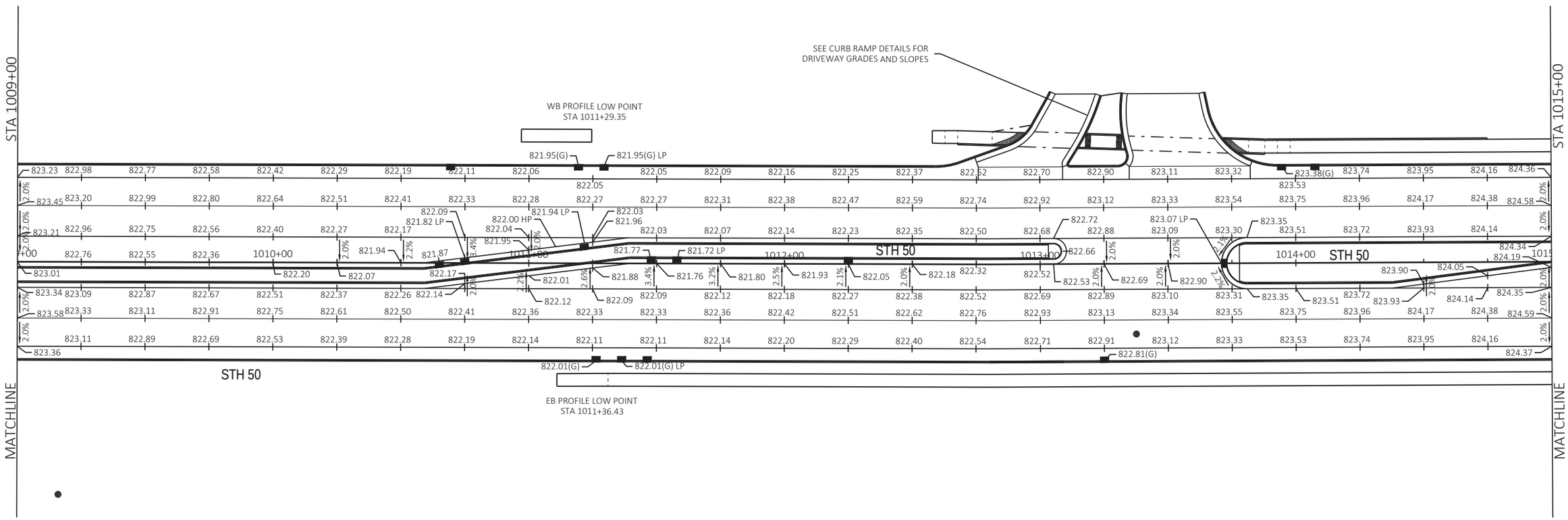
MATCHLINE

LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 74	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-03
PLOT DATE : 7/29/2021 10:51 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



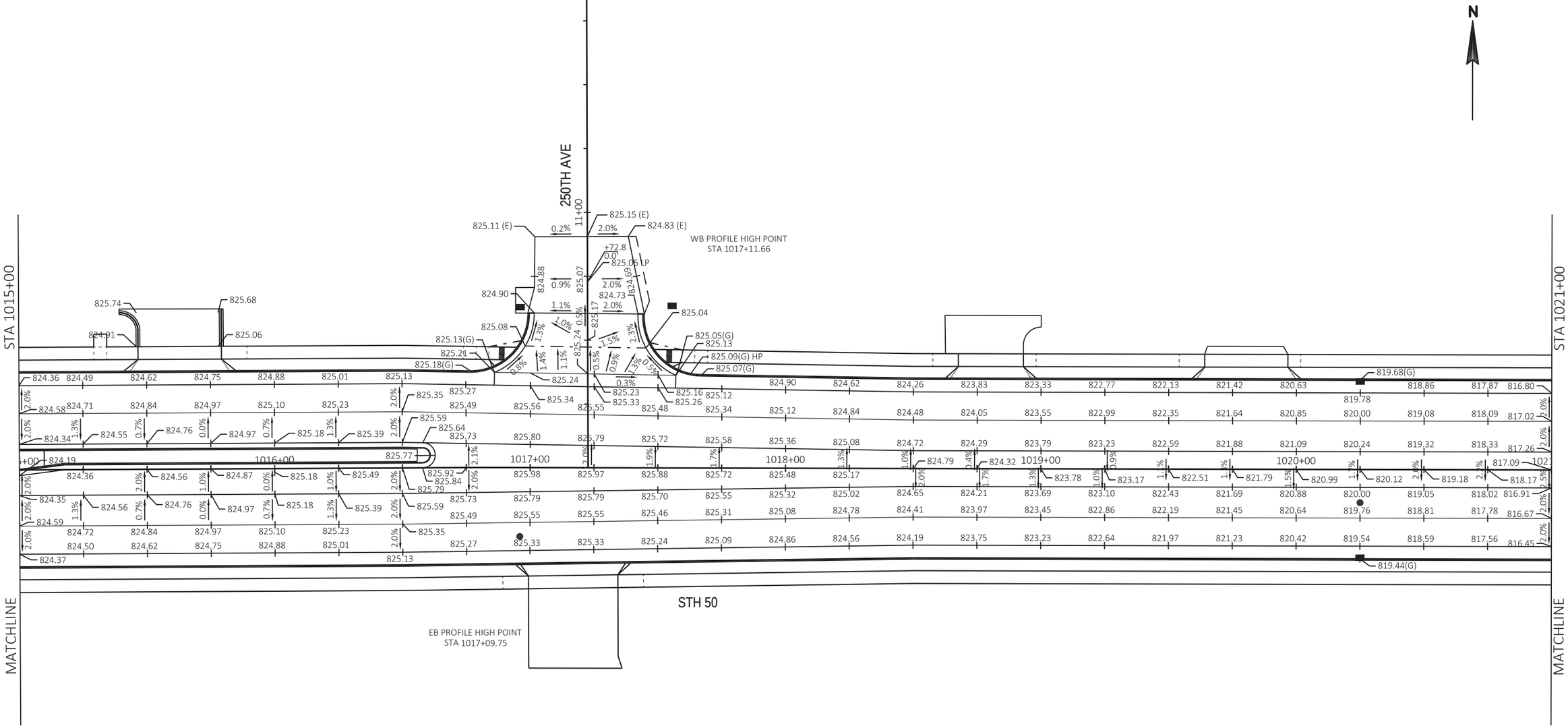
LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 75	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-04
PLOT DATE : 7/29/2021 10:51 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

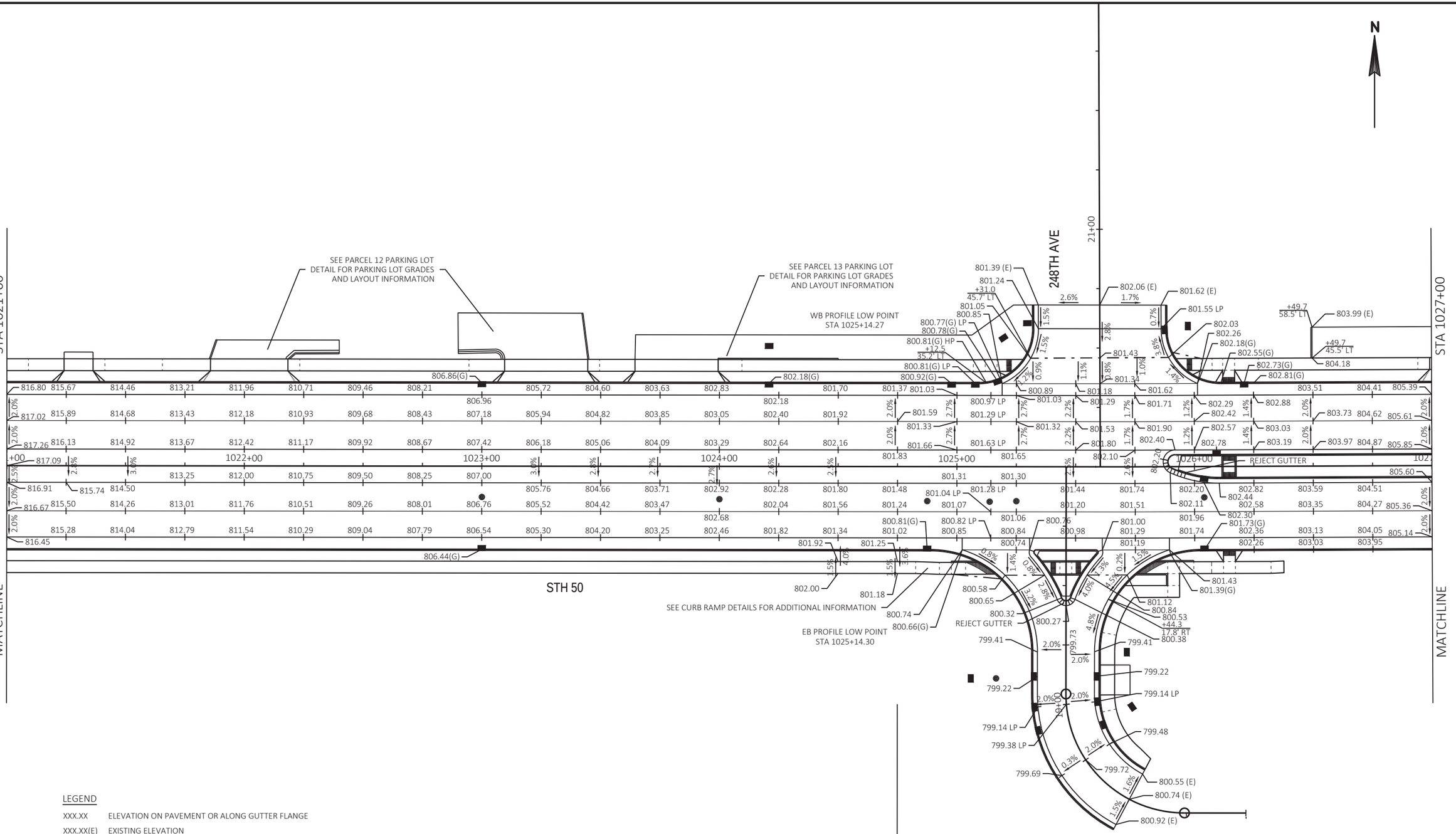
XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

SHEET 5 OF 15

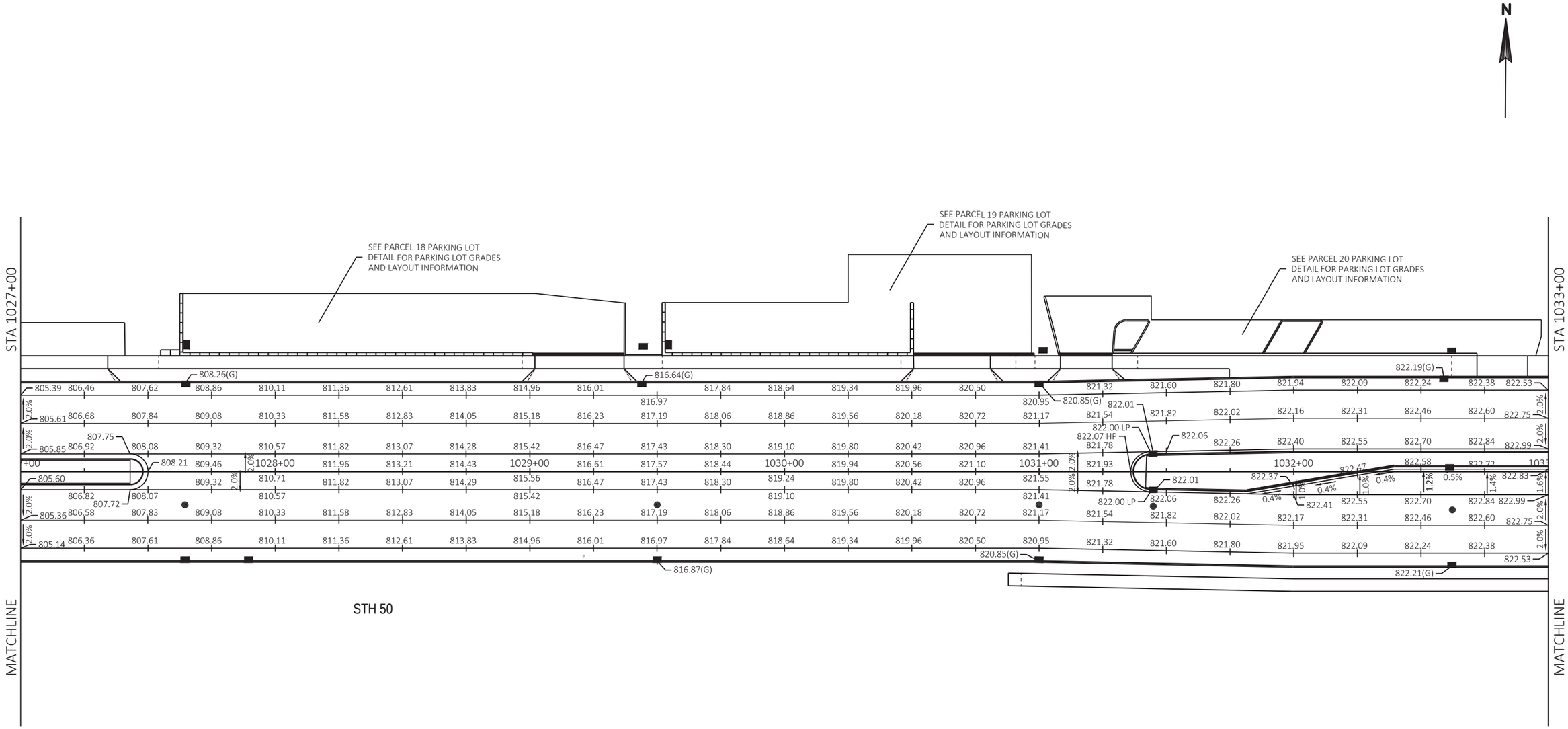
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 76	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-05

PLOT DATE : 7/29/2021 10:51 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT


N
STA 1021+00
STA 1027+00
MATCHLINE
MATCHLINE
STH 50
248TH AVE
21+00
SEE PARCEL 12 PARKING LOT DETAIL FOR PARKING LOT GRADES AND LAYOUT INFORMATION
SEE PARCEL 13 PARKING LOT DETAIL FOR PARKING LOT GRADES AND LAYOUT INFORMATION
WB PROFILE LOW POINT STA 1025+14.27
EB PROFILE LOW POINT STA 1025+14.30
SEE CURB RAMP DETAILS FOR ADDITIONAL INFORMATION
REJECT GUTTER
REJECT GUTTER
1022+00
1023+00
1024+00
1025+00
1026+00
1027
806.86(G)
802.18(G)
806.44(G)
802.68
801.39 (E)
801.24
+31.0
45.7' LT
801.05
800.85
800.77(G) LP
800.78(G)
800.81(G) HP
+12.5
35.2' LT
800.81(G) LP
800.92(G)
802.06 (E)
801.62 (E)
801.55 LP
802.03
802.26
802.18(G)
802.55(G)
802.73(G)
802.81(G)
+49.7
58.5' LT
803.99 (E)
+49.7
45.5' LT
804.18
801.43
801.34
801.62
801.18
801.29
801.71
802.29
802.88
803.51
804.41
805.39
801.03
800.89
800.97 LP
801.03
801.59
801.29 LP
802.42
803.73
804.62
805.61
801.33
801.32
801.53
801.90
802.57
803.03
803.97
804.87
805.85
801.66
801.63 LP
801.80
802.40
802.78
803.19
801.83
801.65
802.10
802.20
805.60
801.31
801.30
801.04 LP
801.28 LP
801.44
801.74
802.20
802.82
803.59
804.51
802.44
802.11
802.58
803.35
804.27
805.36
801.07
801.20
801.51
801.96
802.30
801.73(G)
800.81(G)
800.82 LP
801.06
800.76
801.00
801.29
801.74
802.36
803.13
804.05
805.14
800.84
800.98
801.19
802.26
803.03
803.95
800.74
801.92
801.25
802.00
801.18
800.58
800.65
800.32
800.27
800.66(G)
800.74
801.43
801.39(G)
801.12
800.84
800.53
+44.3
17.8' RT
800.38
799.41
799.73
799.41
799.22
799.22
799.14 LP
799.14 LP
799.38 LP
799.48
799.72
799.69
800.55 (E)
800.74 (E)
800.92 (E)
2.6%
1.7%
0.7%
2.8%
3.8%
1.5%
1.5%
1.1%
0.8%
1.0%
1.4%
0.9%
2.2%
0.9%
1.5%
1.5%
3.6%
2.0%
0.8%
1.4%
0.9%
2.8%
3.2%
4.0%
4.8%
4.5%
0.2%
1.5%
2.0%
2.0%
2.0

2



LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

SHEET 7 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 78	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-07

PLOT DATE : 7/29/2021 10:51 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STA 1033+00

STA 1039+00

246TH AVE

41+00

39+00

MATCHLINE

MATCHLINE

STH 50

1034+00

1035+00

1036+00

1037+00

1038+00

SEE PARCEL 22 PARKING LOT DETAIL FOR PARKING LOT GRADES AND LAYOUT INFORMATION

WB PROFILE HIGH POINT STA 1038+49.59

WARP GUTTER TO DRAIN TO INLET

EB PROFILE HIGH POINT STA 1038+00.18

SEE PARCEL 25 PARKING LOT DETAIL FOR PARKING LOT GRADES AND LAYOUT INFORMATION

LEGEND

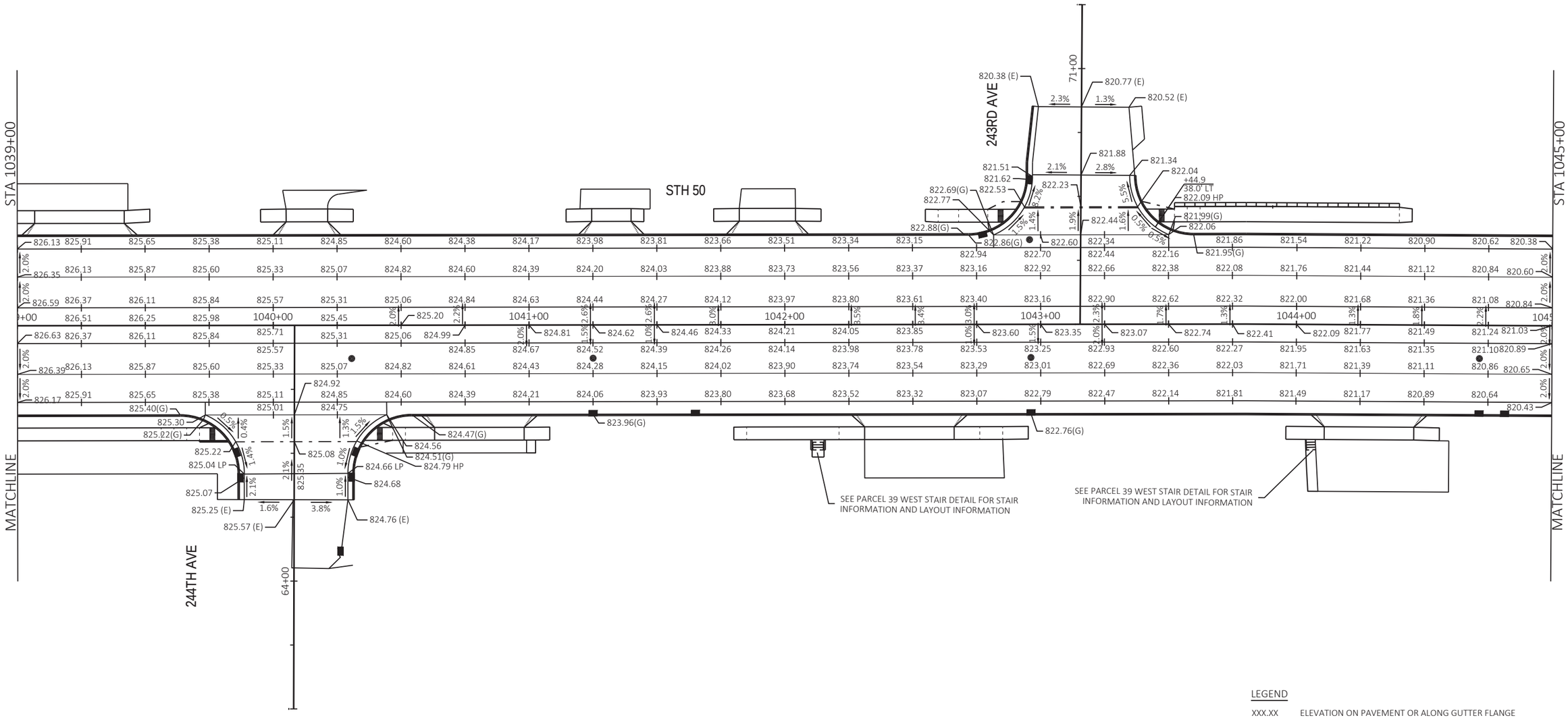
XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

SHEET 8 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 79	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-08

PLOT DATE : 7/29/2021 10:51 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT



LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

SHEET 9 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 80	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-09

PLOT DATE : 7/29/2021 10:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

STA 1045+00

STA 1051+00

74TH PLACE

91+00

STH 50

WB PROFILE LOW POINT
STA 1046+30.38

WB PROFILE HIGH POINT
STA 1049+55.39

EB PROFILE LOW POINT
STA 1046+34.63

EB PROFILE HIGH POINT
STA 1049+55.39

WARP GUTTER SO
WATER FLOWS TO INLET

242ND AVE

79+00

MATCHLINE

MATCHLINE

LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

SHEET 10 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 81	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-10

PLOT DATE : 7/29/2021 10:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

STA 1051+00

STA 1057+00

SEE PARCEL 36 PARKING LOT
DETAIL FOR PARKING LOT GRADES
AND LAYOUT INFORMATION

817.42(G)

805.43(G)

820.69 820.19 819.62 818.96 818.22 817.41 816.52 815.54 814.49 813.36 812.15 810.90 809.65 808.40 807.15 805.90 804.65 803.40 802.15 800.90 799.68 798.53 797.44 796.42 795.46

2.0%

820.91 820.41 819.84 819.18 818.44 817.63 816.74 815.76 814.71 813.58 812.37 811.12 809.87 808.62 807.37 806.12 804.87 803.62 802.37 801.12 799.90 798.75 797.66 796.64 795.68

2.0%

820.67 820.17 819.60 818.94 818.20 817.50 816.50 815.52 814.47 813.34 812.13 810.88 809.63 808.38 807.13 805.88 804.63 803.38 802.13 800.88 799.66 798.51 797.42 796.40

817.43
817.39
REJECT GUTTER
PAVEMENT SWALE
804.45
804.53
819.97
817.20
816.30
813.80
795.44
1052+00
1053+00
1054+00
1055+00
1056+00
820.49
817.30
817.23
815.33
814.27
814.07 HP
809.43
804.25
795.44

2.3%
2.1%
2.1%
2.2%
2.0%
2.0%

820.67 820.17 819.60 818.94 818.20 817.39 816.50 815.52 814.47 813.34 812.13 810.88 809.63 808.38 807.13 805.88 804.63 803.38 802.13 800.88 799.66 798.51 797.42 796.40

820.91 820.41 819.84 819.18 818.44 817.63 816.74 815.76 814.71 813.58 812.37 811.12 809.87 808.62 807.37 806.12 804.87 803.62 802.37 801.12 799.90 798.75 797.66 796.64 795.68

814.00

820.19 819.62 818.96 818.22 817.41 816.52 815.54 814.49 813.36 812.15 810.90 809.65 808.40 807.15 805.90 804.65 803.40 802.15 800.90 799.68 798.53 797.44 796.42

820.69

795.46

803.30(G)

817.42(G)

STH 50

MATCHLINE

MATCHLINE

LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

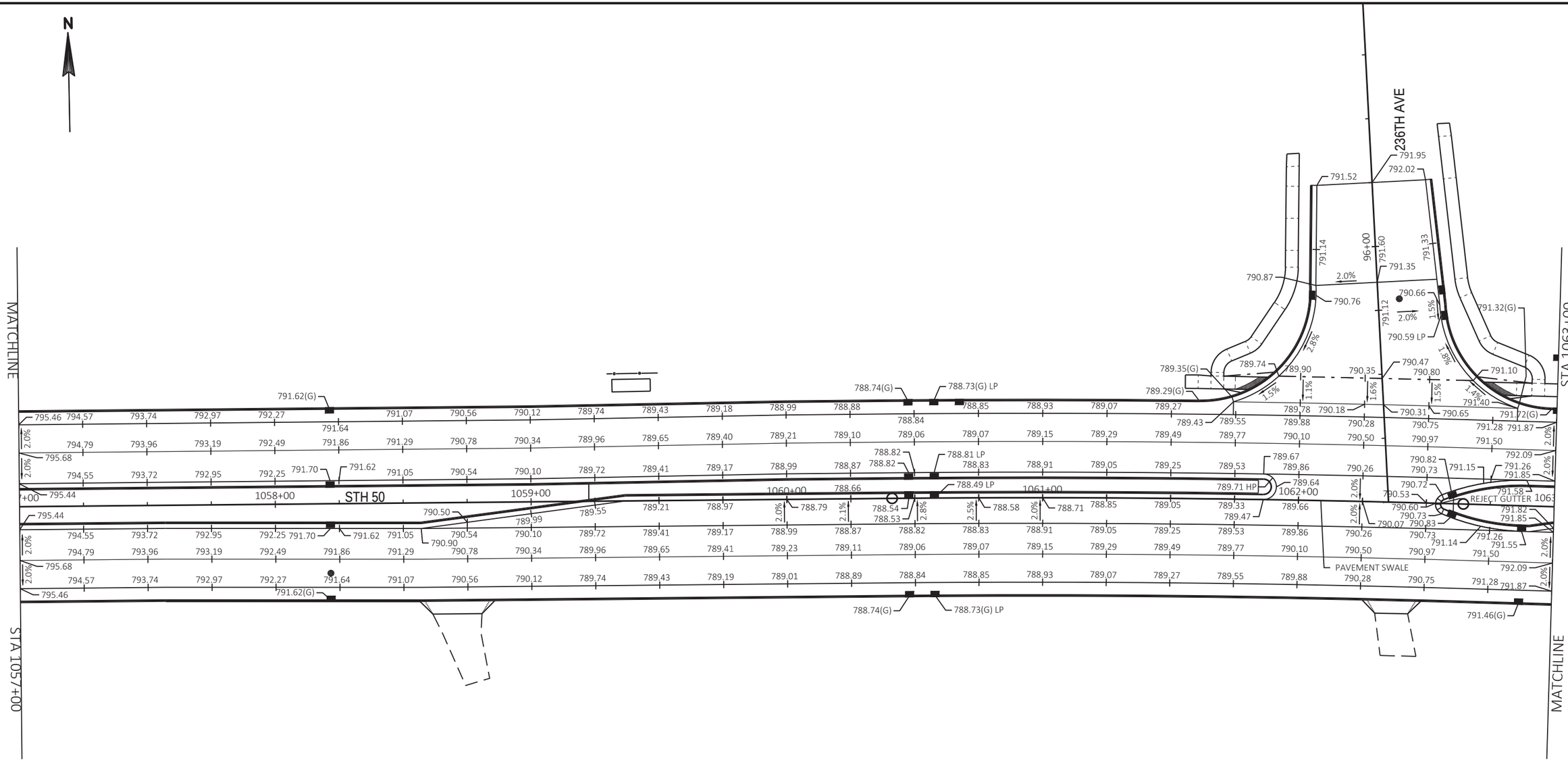
SHEET 11 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 82	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-11

PLOT DATE : 7/29/2021 10:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

SHEET 12 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 83	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-12

PLOT DATE : 7/29/2021 10:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

STA 1063+00

MATCHLINE

PAVEMENT SWALE

TRANSITION GUTTER SLOPE FROM 2% TO 6.25% OVER LENGTH OF TAPER

MATCH EXISTING GRADE ALONG FLANGE

MATCH EXISTING GRADE ALONG FLANGE

TRANSITION GUTTER SLOPE FROM 2% TO 6.25% OVER LENGTH OF TAPER

791.78(G) 798.42(G) 798.41(G)

791.87	792.53	793.26	794.05	794.87	795.69	796.51	797.34	798.15	798.94	799.69	800.41	801.09	801.74	802.35	802.93	803.47	803.98	804.46	804.90	805.32	805.64 (E)	
792.09	792.75	793.48	794.27	795.09	795.91	796.73	797.56	798.37	799.16	799.91	800.63	801.31	801.96	802.57	803.15	803.69	804.20	804.68	805.12	805.54	805.87 (E)	
791.85	792.51	793.24	794.03	794.85	795.67	796.49	797.32	798.13	798.92	799.67	800.39	801.07	801.72	802.33	802.91	803.45	803.96	804.44	804.88	805.30	805.66 (E)	
791.82	792.40	793.04	793.83	794.65	795.47	796.29	797.12	797.93	798.80	799.65	800.37	801.05	801.70	802.32	802.91	803.46	803.99	804.48	804.93	805.36	805.69 (E)	
791.85	792.51	793.24	794.03	794.85	795.67	796.49	797.32	798.13	798.91	799.65	800.37	801.05	801.70	802.32	802.91	803.46	803.99	804.48	804.93	805.36	805.69 (E)	
792.09	792.75	793.48	794.27	795.09	795.91	796.73	797.56	798.37	799.15	799.89	800.61	801.29	801.94	802.56	803.15	803.70	804.23	804.72	805.17	805.48	805.71 (E)	
791.87	792.53	793.26	794.05	794.87	795.69	796.51	797.34	798.15	798.93	799.67	800.39	801.07	801.72	802.34	802.93	803.48	804.01	804.50	804.95	805.31	805.58 (E)	

2.0%	2.0%																			2.0%	2.1%	
2.0%	2.0%																			2.0%	1.7%	
								2.0%	2.0%												1.6%	
		2.0%		2.0%				2.0%													2.0%	
2.0%	2.0%																		2.0%	1.0%	0.1%	
2.0%	2.0%																		2.0%	1.5%	1.1%	

LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

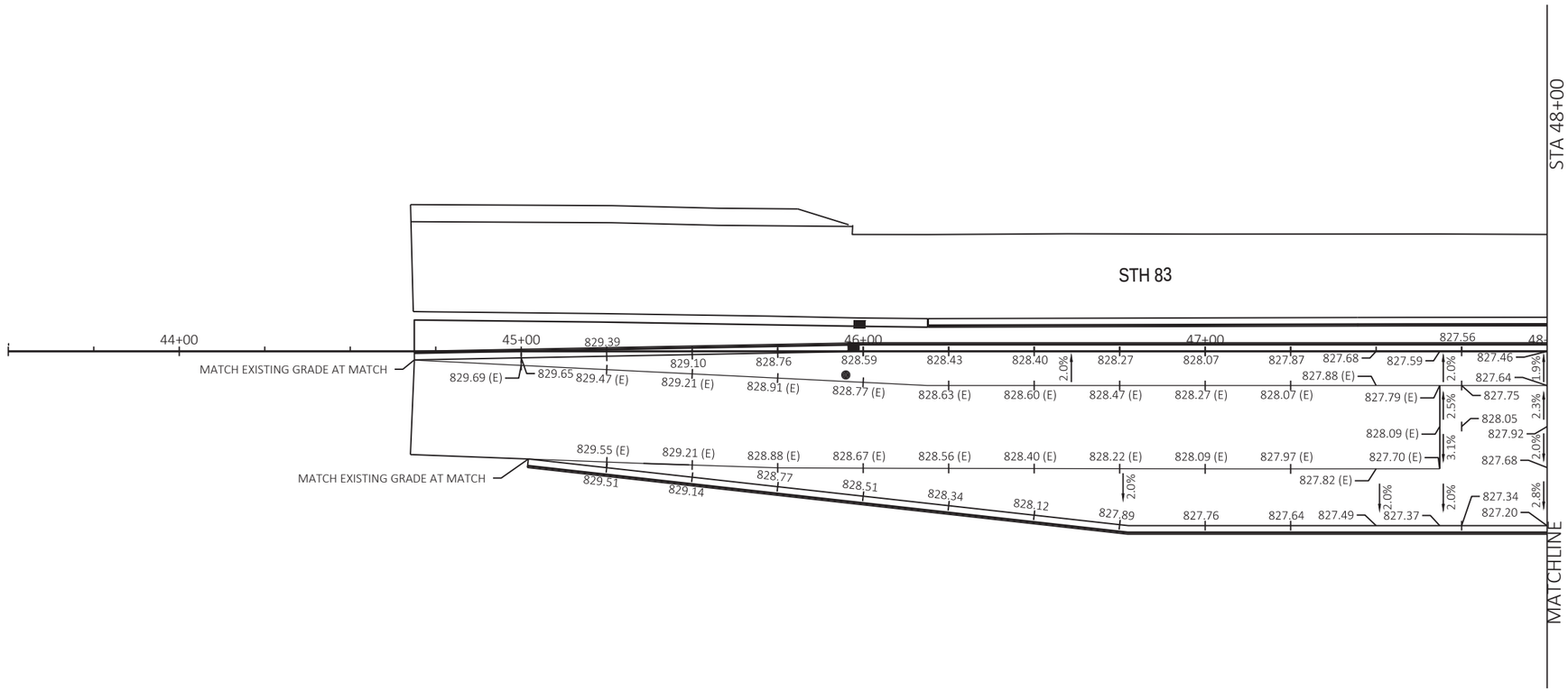
SHEET 13 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 84	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-13

PLOT DATE : 7/29/2021 10:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



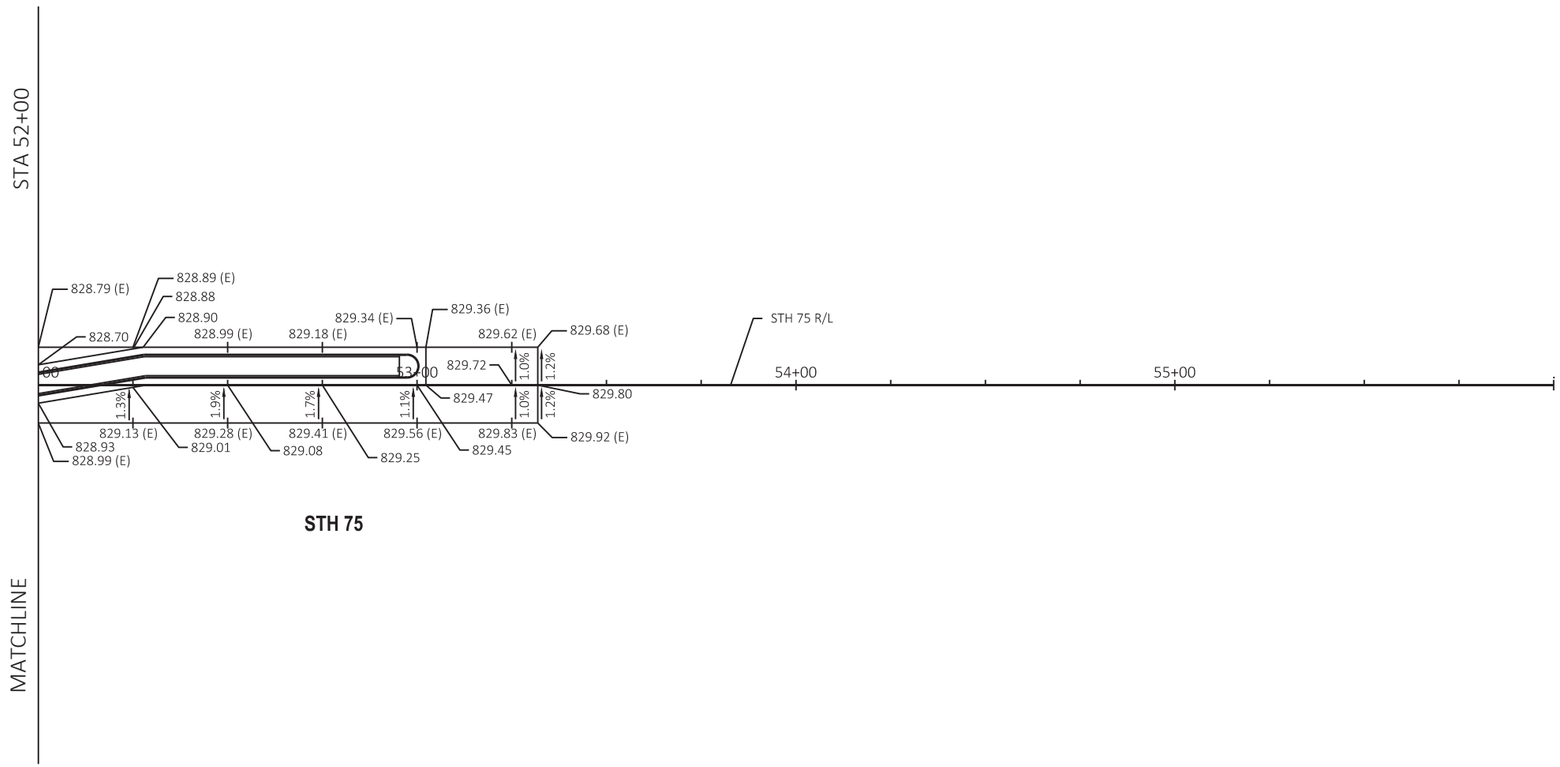
LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 85	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-14
PLOT DATE : 7/29/2021 10:52 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

XXX.XX	ELEVATION ON PAVEMENT OR ALONG GUTTER FLANGE
XXX.XX(E)	EXISTING ELEVATION
XXX.XX(G)	ELEVATION ALONG GUTTER FLOWLINE
HP	HIGH POINT
LP	LOW POINT

SHEET 15 OF 15

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVING GRADES	SHEET 86	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021202_PD.DWG
LAYOUT NAME - 021202-pd-15

PLOT DATE : 7/29/2021 10:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

STH 50

CONNECT TO EXISTING STORM SEWER

CONCRETE SIDEWALK

CONCRETE CURB & GUTTER
30-INCH TYPE A

CTH F

CONNECT TO EXISTING CULVERT

SLOPE INTERCEPT

EXISTING R/W

TLE

LANDSCAPING TO REMAIN

PADDOCK LAKE BP LLC
PARCEL 8

ASPHALTIC FLUME

EXISTING STORM SEWER TO REMAIN

EXISTING BERM BETWEEN PRIVATE STORMWATER SWALE
AND PUBLIC DRAINAGE AREA TO REMAIN

GRADING DETAIL - SOUTHEAST QUADRANT STH 50 & CTH F

SCALE: 1"=10'

SHEET 1 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 87	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 01

PLOT DATE : 7/29/2021 10:59 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

2

N

O'REILLY AUTOMOTIVE
PARCEL 4

GRADE TO BACK OF CURB & GUTTER

EXISTING CURB & GUTTER TO REMAIN

SLOPE INTERCEPT

TLE

EXISTING CURB & GUTTER TO REMAIN

+20.7
51.0' LT

BACK EDGE OF SIDEWALK

WOOD PEDESTRIAN FENCE
SEE CONSTRUCTION DETAIL

RIGHT OF WAY LINE

+72.7
51.0' LT

CONCRETE SIDEWALK 5-INCH

5"

GRASS TERRACE

7'

FRONT EDGE OF SIDEWALK

CONCRETE CURB & GUTTER 66-INCH TYPE A

STH 50

PLAN DETAIL - PARCEL 4

STA 1000+00 TO STA 1002+00 LT
SCALE: 1"=10'

1001+00

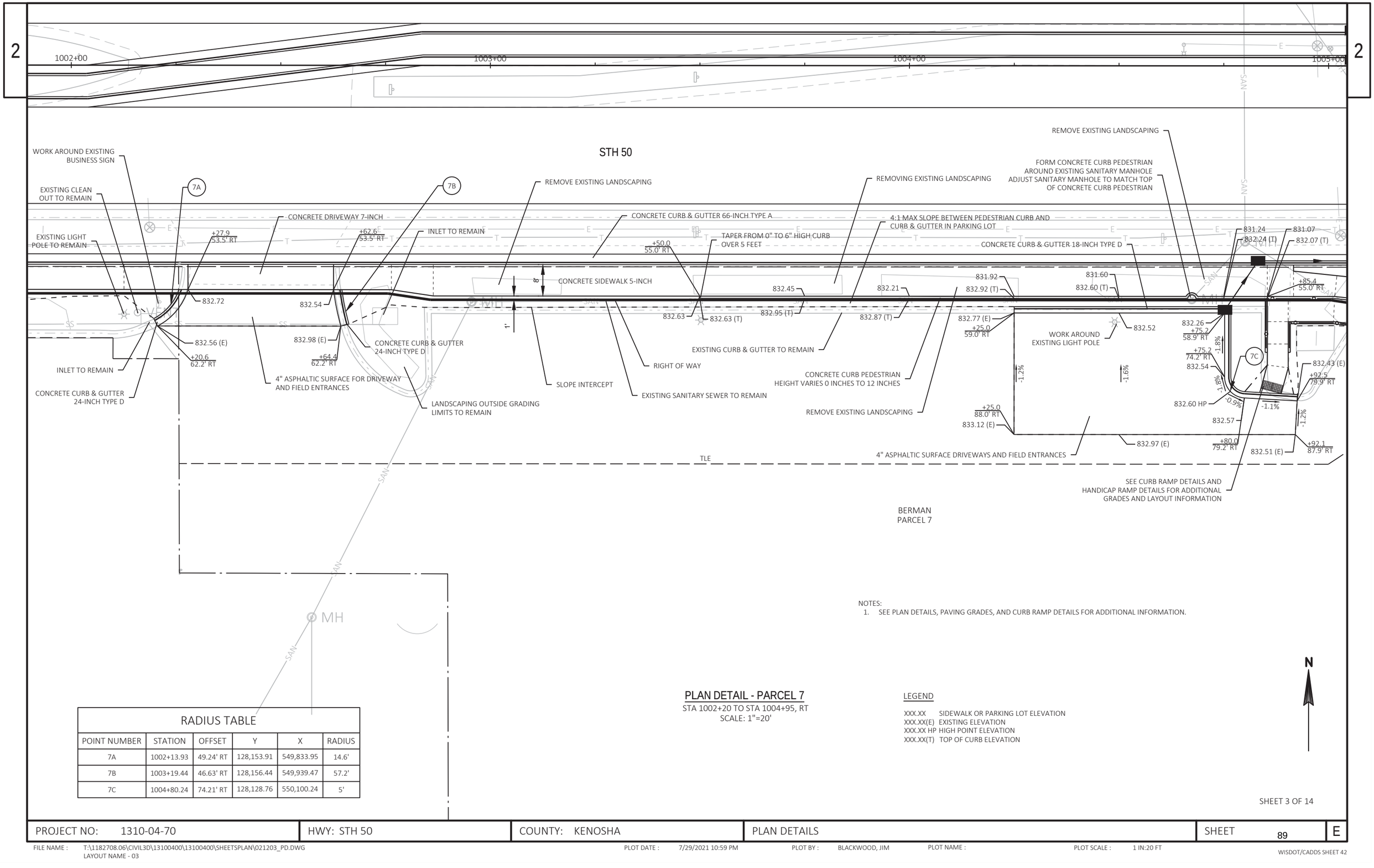
SHEET 2 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 88	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 02

PLOT DATE : 7/29/2021 10:59 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
7A	1002+13.93	49.24' RT	128,153.91	549,833.95	14.6'
7B	1003+19.44	46.63' RT	128,156.44	549,939.47	57.2'
7C	1004+80.24	74.21' RT	128,128.76	550,100.24	5'

NOTES:
1. SEE PLAN DETAILS, PAVING GRADES, AND CURB RAMP DETAILS FOR ADDITIONAL INFORMATION.

PLAN DETAIL - PARCEL 7

STA 1002+20 TO STA 1004+95, RT
SCALE: 1"=20'

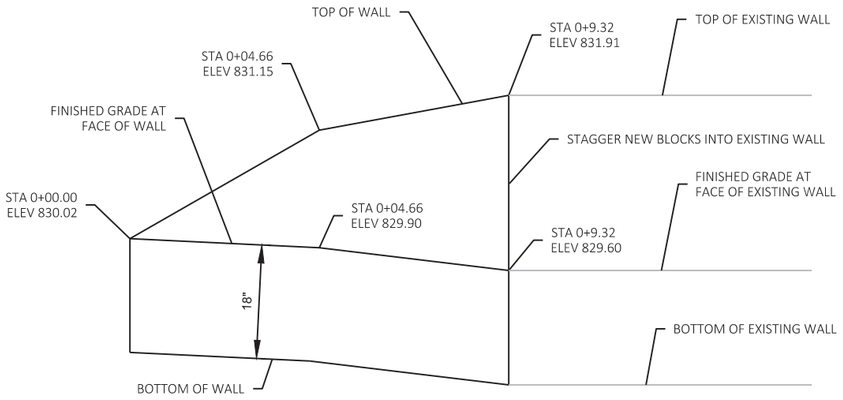
LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

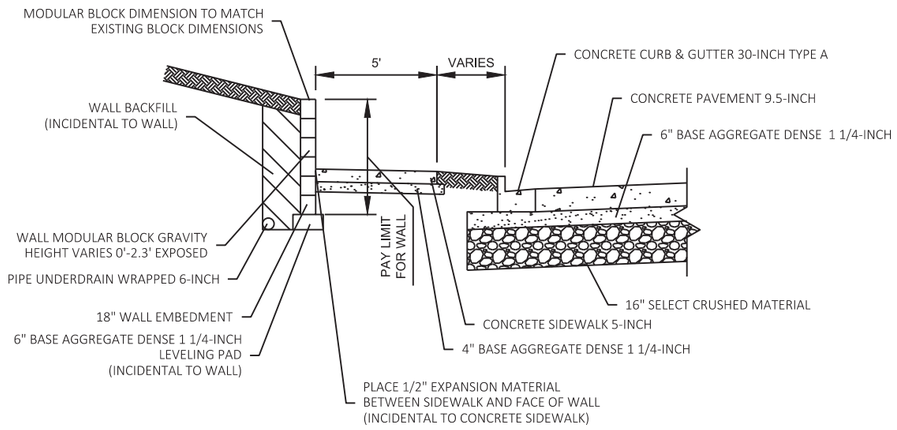
SHEET 3 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 89	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 03
PLOT DATE : 7/29/2021 10:59 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



WALL PROFILE VIEW



WALL SECTION VIEW

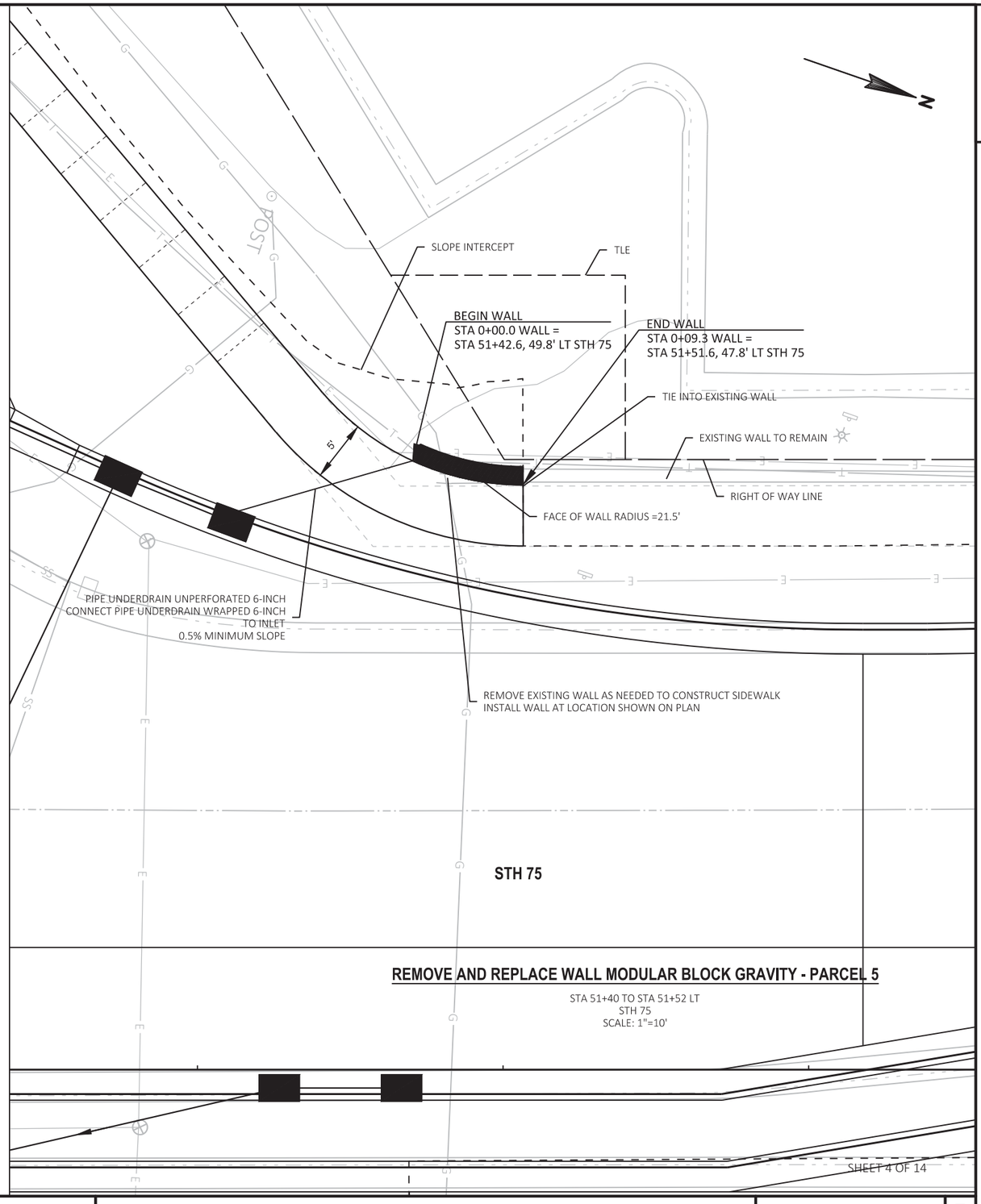
(LOOKING NORTH)

SOIL PARAMETERS

SOIL DESCRIPTION	MOIST UNIT WEIGHT (PCF)	FRICTION ANGLE (DEGREES)	COHESION Cu	FACTORED BEARING RESISTANCE
GRANULAR BACKFILL	130 PCF	30	0 PSF	1500 PSF
RETAINED SOIL	130 PCF	30	0 PSF	1500 PSF

NOTES:

1. REMOVAL OF EXISTING WALL TO BE PAID FOR AS REMOVING STRUCTURE.
2. RELOCATED WALL TO BE PAID FOR AS WALL MODULAR BLOCK GRAVITY.
3. NEW BLOCKS TO MATCH THE DIMENSIONS, COLOR, AND FACE STYLE OF EXISTING WALL.
4. CONTRACTOR MAY USE EXISTING BLOCKS IN GOOD CONDITION WHEN APPROVED BY THE ENGINEER.
5. PIPE UNDERDRAIN WRAPPED 6-INCH TO BE SLOPED AT 0.5% TO NEAREST INLET. CONNECT TO ANY EXISTING UNDERDRAIN BEHIND EXISTING WALL.



REMOVE AND REPLACE WALL MODULAR BLOCK GRAVITY - PARCEL 5

STA 51+40 TO STA 51+52 LT
STH 75
SCALE: 1"=10'

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 90	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 04
PLOT DATE : 7/29/2021 10:59 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

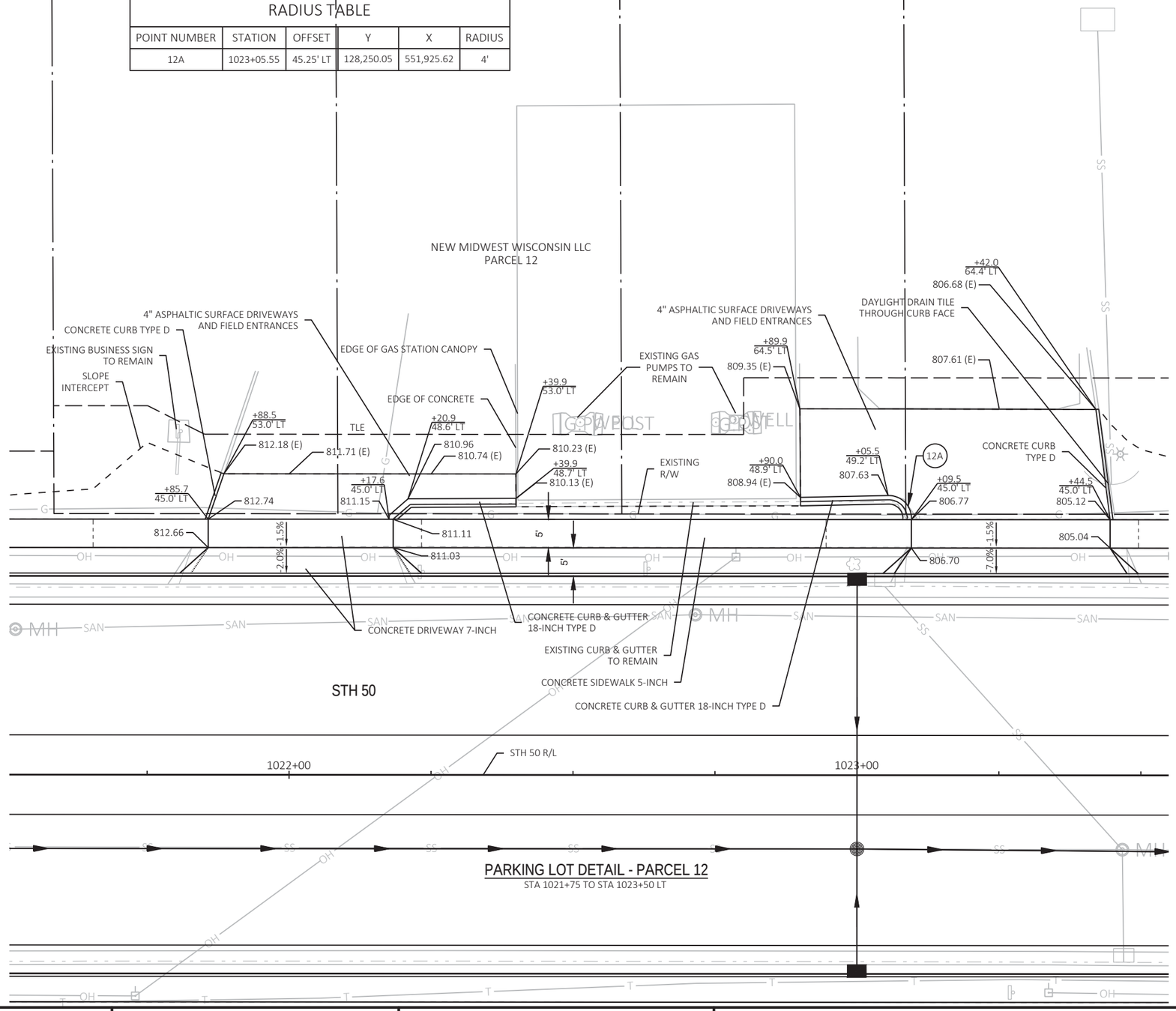
RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
12A	1023+05.55	45.25' LT	128,250.05	551,925.62	4'

LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

N

SCALE: 1"=20'



PARKING LOT DETAIL - PARCEL 12
STA 1021+75 TO STA 1023+50 LT

SHEET 5 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 91	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 05
PLOT DATE : 7/29/2021 10:59 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

2

LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

N

SCALE: 1"=20'

LANGENSTROER
PARCEL 13

PAVEMENT SWALE ALONG MATCH POINT

4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

CONNECT EXISTING STORM SEWER FROM NORTHWEST TO INLET

CONCRETE CURB PEDESTRIAN

+64.7
55.4' LT

804.43 (E)
804.07 (E)
803.13 (E)
801.94 (E)
801.92 (E)
801.69 (E)
801.28 (E)
+23.7
68.1' LT
801.18 (E)
RIM ELEV =800.84
PAVEMENT SWALE
801.03 (E)
+06.3
55.4' LT
801.16 (E)

-1.2%
-1.4%
803.92
803.16
803.16 (T)
0.2%
-4.0%
802.34
803.34 (T)
-4.0%
802.32
802.32 (T)
-3.3%
-4.7%
-3.0%
-2.3%
-8.3%
-6.4%
-2.5%
-6.4%
800.94

804.31
-1.5%
-7.0%
803.14
803.22
802.84
+50.0
45.0' LT
802.35
802.02
801.65
803.85
803.06
803.15
802.76
802.28
801.95
801.57
804.24
+64.4
45.0' LT
+99.4
45.0' LT

CONCRETE DRIVEWAY 7-INCH

CONCRETE SIDEWALK 5-INCH

SEE CURB RAMP DETAILS FOR ADDITIONAL INFORMATION

1024+00

1025+00

STH 50

PARKING LOT DETAIL - PARCEL 13
STA 1023+50 TO STA 1025+35 LT

SHEET 6 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 92	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 06

PLOT DATE : 7/29/2021 11:00 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

N

SCALE: 1"=20'

JA BECKER PROPERTIES LLC
PARCEL 18

EXISTING SIGN TO BE REMOVED BY OWNER PRIOR TO CONSTRUCTION
OWNER TO REINSTALL SIGN AFTER WALL CONSTRUCTION

4" ASPHALTIC SURFACE
DRIVEWAYS AND FIELD ENTRANCES

SLOPE INTERCEPT

+63.5
70.0' LT

816.21 (E)

816.36 (E)

816.54 (E)

816.61 (E)

816.97 (E)

817.47 (E)

817.71 (E)

817.91 (E)

+37.1
66.3' LT

818.08 (E)

CONCRETE CURB TYPE D

TLE

PLE

+02.0
70.0' LT

+63.8
49.8' LT

815.74

-2.4%

-2.5%

-2.2%

-1.3%

-1.8%

-2.0%

-4.2%

-9.4%

-7.3%

-6.1%

PROPOSED R/W

TRENCH DRAIN 12-INCH

-1.0%

815.86

816.11

816.36

816.61

816.88 HP

816.62

815.81

823.47

815.90

816.15

816.40

816.65

816.66

815.40

-1.8%

-2.6%

-3.2%

+01.1
45.5' LT

+65.0
49.8' LT

815.78

815.37

816.80

816.92 HP

815.30

816.73

-7.0%

-1.5%

+02.0
45.5' LT

+37.0
45.5' LT

REMOVE AND REINSTALL
EXISTING BLOCK WALL AS SHOWN
IN R-30-71 STRUCTURE PLAN

+63.8
46.8' LT

R-30-71
SEE STRUCTURE PLAN FOR DETAILS

CONCRETE SIDEWALK 5-INCH

DRAINAGE SWALE
LOCATED 3'-1" FROM BACK OF PARAPET

CONCRETE DRIVEWAY 7-INCH

STH 50

STH 50 R/L

STH 50

1027+00

1028+00

1029+00

1030+00

PARKING LOT DETAIL - PARCEL 18
STA 1027+50 TO STA 1029+40 LT

SHEET 7 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 93	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 07

PLOT DATE : 7/29/2021 11:00 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

NOTE:
CONTOURS ONLY SHOWN FOR GRADING WEST OF R-30-71

LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

N

SCALE: 1"=20'

4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

JA BECKER PROPERTIES LLC
PARCEL 19

EXISTING CONCRETE WALL TO REMAIN

EXISTING SIGN TO BE REMOVED BY OWNER PRIOR TO CONSTRUCTION

TRENCH DRAIN 12-INCH

CONCRETE CURB TYPE D

PROPOSED R/W

TLE

PLE

CONCRETE CURB PEDESTRIAN 6-INCH HEIGHT

CONCRETE SIDEWALK 5-INCH

R-30-70
SEE STRUCTURE PLAN FOR ADDITIONAL DETAILS

CONCRETE DRIVEWAY 7-INCH

PAVEMENT SWALE
LOCATED 3'-1" FROM BACK OF PARAPET

STH 50

STH 50 R/L

1029+00 1030+00 1031+00

PARKING LOT DETAIL - PARCEL 19
STA 1029+40 TO STA 1031+00 LT

SHEET 8 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 94	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 08

PLOT DATE : 7/29/2021 11:00 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:20 FT

WISDOT/CADDS SHEET 42

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
20A	1031+34.32	54.59' LT	128,261.81	552,754.11	5'*
20B	1031+42.34	58.59' LT	128,265.84	552,762.11	1'*
20C	1031+95.75	58.59' LT	128,266.09	552,815.52	1'*
20D	1032+10.24	58.59' LT	128,266.16	552,830.01	1'*

LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

N

SCALE: 1"=20'

NOTE:
DECORATIVE ROCKS IN PARKING LOT RAISED ISLANDS TO BE INSTALLED BY PROPERTY OWNER. DO NOT RESTORE RAISED ISLAND AREAS.

* ALL RADII ON THIS SHEET MEASURED TO FACE OF CURB

REALTY INCOME PROPERTIES 6 LLC
PARCEL 20

CONCRETE CURB TYPE D
CONCRETE CURB TYPE D
CONCRETE CURB TYPE D
PROPOSED R/W
PARKING LOT CURB
CONCRETE SURFACE DRAIN
SEE CONSTRUCTION DETAIL
CONCRETE SIDEWALK 5-INCH
TRENCH DRAIN 12-INCH
CONCRETE DRIVEWAY 7-INCH
TLE
PLE

STH 50

1031+00
1032+00
1033+00

PARKING LOT DETAIL - PARCEL 20
STA 1031+00 TO STA 1033+00 LT

SHEET 9 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 95	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 09
PLOT DATE : 7/29/2021 11:00 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

N

SCALE: 1"=20'

2

2

MH

246TH AVE

411+00

+97.4 23.9' RT
822.06
821.80 (E)
+00.9 30.5' RT
+97.4 20.5' RT
821.80
-7.5%
-7.2%
822.60 (E)

CONCRETE CURB & GUTTER 30-INCH TYPE D

CONCRETE CURB & GUTTER 24-INCH TYPE D

SLOPE INTERCEPT

CONCRETE CURB & GUTTER 12-INCH TYPE D

+55.0 30.5' RT
+55.3 20.5' RT
823.27
-1.5%
823.42 (E)
+78.1 53.0' LT
824.35 (E)
824.93
825.57 (T)
-2.0%
824.45
825.07

4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

824.54 (E)
824.64
824.90
826.02 (T)
825.77 (T)
825.27
825.52

AMMA & H LLC
PARCEL 22

TLE

824.80 (E)
824.85 (E)
824.95
826.23 (T)
825.73
825.18 (E)
824.99 (E)
825.28
826.42 (T)
825.92
+94.6 60.4' LT
824.67 (E)
824.71 (E)
+94.5 53.0' LT
824.92
826.25 (T)
825.75
-2.0%
825.55
826.01 (T)
825.51
+04.5 47.0' LT
825.44
824.58 (E)
824.68 (E)
+36.1 60.4' LT
-8.0%
-7.7%
825.71
825.72
825.65
CONCRETE CURB & GUTTER 30-INCH TYPE D
+37.5 47.0' LT

PAY PHONE TO BE REMOVED

+78.1 48.0' LT
+77.1 47.0' LT

SEE CURB RAMP DETAILS FOR ADDITIONAL DETAILS

LIGHT POLE TO BE REMOVED

PARKING LOT CURB

PROPOSED R/W

CONCRETE DRIVEWAY 7-INCH

STH 50

1034+00
1035+00
1036+00
1037+00

PARKING LOT DETAIL - PARCEL 22
STA 1034+40 TO STA 1036+50 LT

827.07
6.0%
6.0%
5.5%

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 96	E

SHEET 10 OF 14

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 10

PLOT DATE : 7/29/2021 11:00 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:20 FT

2

2

1037+00

1038+00

N

SCALE: 1"=10'

STH 50

SAN SAN SAN SAN SAN SAN SAN MH SAN SAN SAN SAN SAN SAN SAN

CONCRETE DRIVEWAY 7-INCH

PARKING LOT CURB

CONCRETE SIDEWALK 5-INCH

CONCRETE DRIVEWAY 7-INCH

GRASS TERRACE

827.07 826.63 826.76 826.85 827.40 827.51 827.01 826.86 826.80 827.23

-6.0% -1.5% -1.5% -1.5% -5.5% +40.0 45.0' RT +99.6 45.0' RT -6.6% -1.5% -1.5% -5.7%

827.19 826.74 826.96 827.56 (T) 827.51 827.60 827.61 827.62 827.13 826.98 826.92 827.35

-6.0% -5.5% -8.4% -3.8% -1.0% +85.0 45.0' RT -1.5% -6.6% -7.0% -1.5% -1.5% -5.8%

+02.3 45.0' RT 826.90 R/W 826.87 827.06 828.40 (T) 827.90 828.65 (T) 828.15 828.75 (T) 828.25 HP 827.73 (T) 827.23 R/W

-2.1% -5.1% -10.0% -1.9% -1.0% -10.4% -8.4% -3.7%

828.05 (E) 827.56 (E) +45.0 50.0' RT 828.22 (E) 828.29 (E) 828.08 (E) +92.1 50.0' RT +92.1 58.0' RT

827.17 (E) 827.53 (E) +45.0 58.0' RT 828.45 (E) 828.58 (E) 828.47 (E) 828.08 (E) 827.84 (E)

+02.4 58.0' RT

4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

4" ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

TLE

SLOPE INTERCEPT

LEGEND

XXX.XX SIDEWALK OR PARKING LOT ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX HP HIGH POINT ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION

PARKING LOT DETAIL - PARCEL 25

STA 1036+95 TO STA 1038+35 RT

SHEET 11 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 97	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 11

PLOT DATE : 7/29/2021 11:00 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

STH 50

N

SCALE: 1"=5'

CONCRETE SIDEWALK 5-INCH

BOTTOM CONCRETE STEP PAY LIMITS

+10.6
45.0' RT

824.27

RAILING PIPE

+15.3
45.0' RT

824.24

CURB ADJACENT TO STAIRS
SEE CONCRETE STEPS
CONSTRUCTION DETAIL

-0.6%

824.27 (B)
824.80 (T)

-1.5%

-0.2%

-0.1%

R/W

-1.5%

-0.1%

824.27 (B)
824.79 (T)

824.81 (B)
825.34 (T)

824.81 (B)
825.33 (T)

SLOPE INTERCEPT

TOP CONCRETE STEP PAY LIMITS

-0.3%

-1.5%

-0.9%

825.35 (E)

825.39 (E)

+10.6
51.8' RT

+15.2
51.8' RT

CONCRETE STEPS

NOTES:
1. FIELD VERIFY ELEVATIONS AFTER STH 50 SIDEWALK IS CONSTRUCTED TO DETERMINE CONSTRUCTED STAIR RISER HEIGHTS
2. STAIR RISERS HEIGHTS SHALL BE EQUAL FOR AN ENTIRE RUN OF STAIRS.

TLE

LEGEND

XXX.XX SIDEWALK ELEVATION
XXX.XX(B) BOTTOM OF STAIR RISER ELEVATION
XXX.XX(E) EXISTING ELEVATION
XXX.XX(T) TOP OF STAIR RISER ELEVATION

PARKING LOT DETAIL - PARCEL 39 WEST

STA 1041+80 TO STA 1042+30 RT

SHEET 12 OF 14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 98	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 12
PLOT DATE : 7/29/2021 11:00 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

STH 50

N

SCALE: 1"=5'

CONCRETE SIDEWALK 5-INCH

BOTTOM OF STAIR PAY LIMITS

+03.8
45.0' RT

822.02

-5.4%

+07.6
45.0' RT

821.82

EXISTING WALL TO REMAIN

R/W

-0.5%

-5.1%(B)

-1.5%(T)

-1.5%

822.30 (T)
822.03 (B)

822.72 (T)
822.31 (B)

822.24 (T)
821.84 (B)
821.89 (P)

822.67 (T)
822.26 (B)
821.95 (P)

823.14 (T)
822.74 (B)

823.08 (T)
822.68 (B)
822.02 (P)

RAILING PIPE

TOP OF STAIR PAY LIMITS

823.21

-1.5%

823.16 (P)

822.36 (T)

MATCH EXISTING ELEVATION
AT DOORWAY

CONCRETE SIDEWALK 5-INCH

-1.9%

-1.6% (T)

-6.7%(P)

+04.8
65.3' RT

-2.4%

823.44 (E)

823.18 (E)

823.35 (E)

+08.7
65.3' RT

TLE

CONCRETE DRIVEWAY 7-INCH

4" ASPHALTIC SURFACE DRIVEWAYS
AND FIELD ENTRANCES

NOTES:
1. FIELD VERIFY ELEVATIONS AFTER STH 50 SIDEWALK IS CONSTRUCTED TO DETERMINE CONSTRUCTED STAIR RISER HEIGHTS
2. STAIR RISERS HEIGHTS SHALL BE EQUAL FOR AN ENTIRE RUN OF STAIRS.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(B)	BOTTOM OF STAIR RISER ELEVATION
XXX.XX(P)	PARKING LOT ELEVATION
XXX.XX(T)	TOP OF STAIR RISER ELEVATION

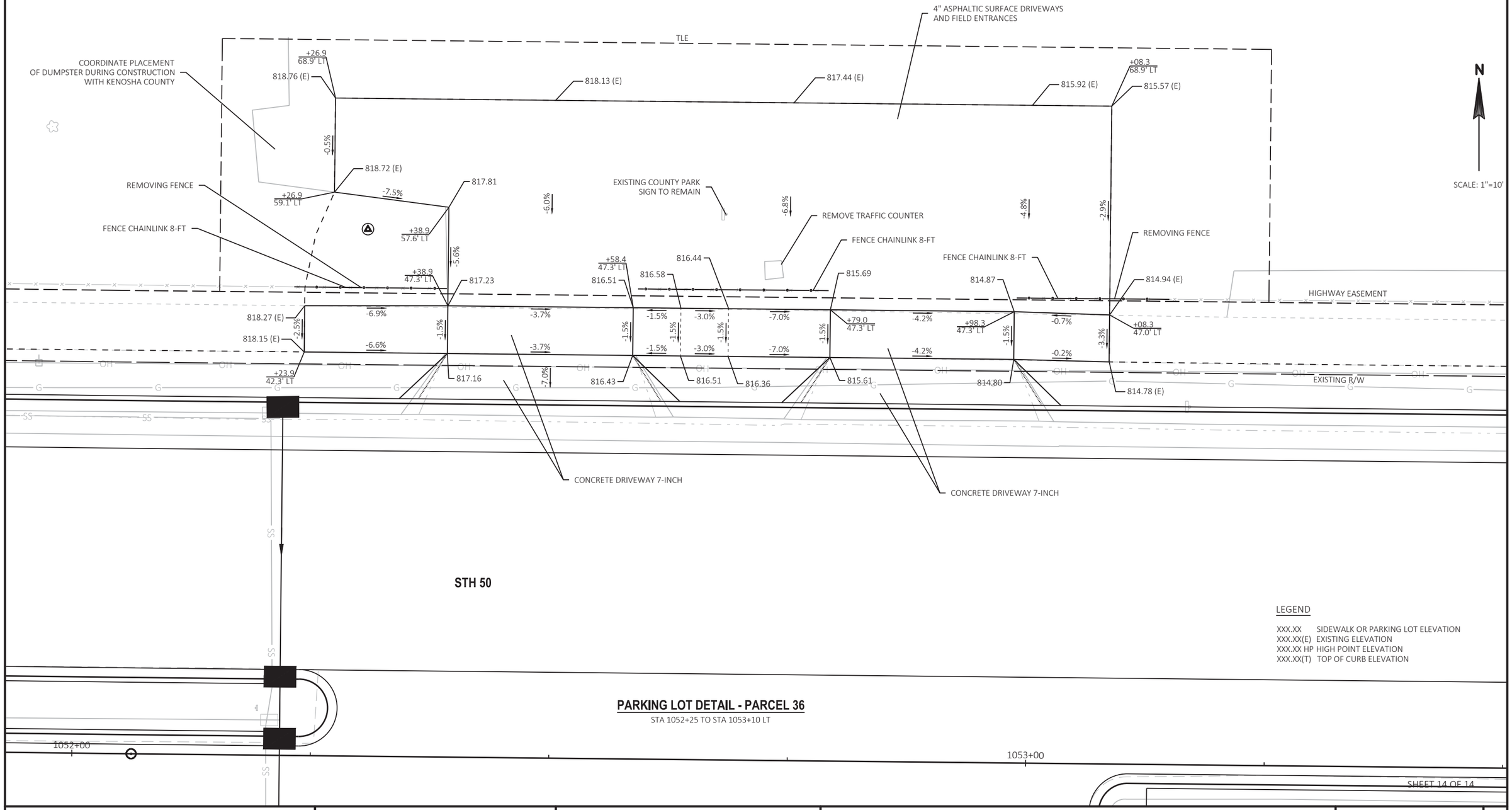
PARKING LOT DETAIL - PARCEL 39 EAST

STA 1044+05 RT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 99	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 13
PLOT DATE : 7/29/2021 11:00 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:5 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 100	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021203_PD.DWG
LAYOUT NAME - 14

PLOT DATE : 7/29/2021 11:01 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N

INSTALL SLOTTED CORRUGATED
METAL PIPE SURFACE DRAIN 8-INCH AT JOINT
DAYLIGHT OUTLET INTO MEDIAN SHOULDER FORESLOPE

PT1
12" CPRC CL IV @ 0.5%
UPSTREAM INVERT: 816.59
DOWNSTREAM INVERT: 815.78

T1 STA 986+74.1, 17.6' LT
INLETS 2X2-S
RIM: 818.93
INV: 816.59

BASE AGGREGATE DENSE 1 1/4-INCH

ASPHALTIC FLUME
ASPHALTIC CURB

T2 STA 985+12.5, 8.8' LT
INLETS 2X2-S
RIM: 818.22
INV: 815.78

STH 50

+87.7
15.0' LT
4' R

+73.1
14.6' LT
4' R

+63.7
5.4' LT

+95.2
17.5' LT

+79.1
14.4' LT

+19.6
11.8' LT

819.01 (E)
819.26 (E)
819.64 (E)
819.67 (E)
819.84 (E)
819.10 (E)
819.44 (E)
819.60 (E)
818.08 (E)
818.27 (E)
818.42 (E)
818.58 (E)
818.73 (E)
818.87 (E)
818.94 (E)
819.36
819.56
819.72
819.84
819.42
819.79
819.80
819.85
819.90
819.95 (E)
818.74
818.84
818.98
819.21
819.53
819.30
819.63
819.70
819.78
819.91 (E)
820.00 (E)
820.06 (E)
820.09 (E)
820.12 (E)
818.13
818.38
818.61
819.06
819.36
819.50
819.60
819.74 (E)
819.83 (E)
818.59
818.75
818.89
819.03
819.17
819.26
819.38 (E)
819.52 (E)
819.64 (E)
818.60 (E)
818.77 (E)
818.93 (E)
819.09 (E)
819.26 (E)

984+00
985+00
986+00
987+00
988+00
989+00

T3 STA 985+12.5, 4.8' LT
APRON ENDWALLS FOR CPRC 12-INCH

2047' R

+23.4
24.6' RT

+61.3
7.0' RT

+26.8
3.8' LT

+26.8
0.7' LT

+31.7
10.6' RT

2050' R

5" BASE AGGREGATE DENSE 3/4-INCH

5" ASPHALTIC SURFACE TEMPORARY

2.0%
3.3%
1.0%
2.2%
2.0%
1.2%
1.6%
2.0%
1.2%
2.0%
2.0%

5'
5'

WEST CROSSOVER DETAIL

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 101	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021204_PD WEST CROSSOVER.DWG
LAYOUT NAME - Markings

PLOT DATE : 7/29/2021 11:01 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

1017+00 1018+00 1019+00 1020+00 1021+00 1022+00

823.65
824.00 (E)
+85.4
7.0' RT
823.69 (E)
823.01
+39.7
0.8' RT
823.10 (E)
822.59
822.28
822.43 (E)
+72.2
4.1' LT
820.78 (E)
821.56
821.78 (E)
+93.5
7.3' LT
820.54 (E)
821.01
+72.2
7.0' RT
820.75
819.63 (E)
819.75
818.76 (E)
+66.5
7.3' LT
818.20 (E)
818.81

2.0%
-3.0%
-3.0%

ASPHALTIC SURFACE TEMPORARY

STH 50

STAGE 3 MIDDLE CROSSOVER DETAIL

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 102	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021205_PD MIDDDLE CROSSOVER.DWG
LAYOUT NAME - 01

PLOT DATE : 7/29/2021 11:01 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

PT4
12" CPRC CL IV @ 1.50%
UPSTREAM INVERT: 803.74
DOWNSTREAM INVERT: 796.75

INSTALL SLOTTED CORRUGATED
METAL PIPE SURFACE DRAIN 8-INCH AT VALLEY IN CROSSOVER
CONNECT INTO TOP OF PT5 USING A BLIND CONNECTION

5" BASE AGGREGATE DENSE 3/4-INCH

5" BASE AGGREGATE DENSE 3/4-INCH

5" ASPHALTIC SURFACE TEMPORARY

5" BASE AGGREGATE DENSE 3/4-INCH

5" BASE AGGREGATE DENSE 3/4-INCH

STH 50

STA 1073+24.9, 0.1' LT
INLETS MEDIAN 1G-MS
RIM: 806.85
INV: 803.74

SLOPE INTERCEPT

1071+00 1072+00 1073+00 1074+00 1075+00 1076+00

1999' R 1880' R 1894' R

STAGE 1A EAST CROSSOVER DETAIL

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 103	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021206_PD EAST CROSSOVER.DWG
LAYOUT NAME - 01

PLOT DATE : 7/29/2021 11:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

PT4
12" CPRC CL IV @ 1.50%
UPSTREAM INVERT: 803.74
DOWNSTREAM INVERT: 796.75

5" ASPHALTIC SURFACE TEMPORARY

5" BASE AGGREGATE DENSE 3/4-INCH

804.52 (E)
+58.1
24.7' LT
804.37 (E)
804.09 (E)
803.64 (E)
803.16 (E)
802.62 (E)
801.99 (E)
+79.4
19.3' LT
801.88 (E)
804.42
803.94
803.69
803.36 (E)
803.84 (E)
803.26
803.64
803.24
802.85
802.41
801.96
1077+00
1078+00
802.76
802.19
801.63
801.09
802.85 (E)
802.28 (E)
801.11 (E)
800.86 (E)
801.70 (E)
1879' R
+28.2
8.9' RT
+85.5
14.8' RT
+68.4
3.6' LT
-3.0%
-1.0%
-1.5%
-2.0%
3.0%
1.0%
1.5%
2.0%

T5 STA 1077+90.7, 0.1' LT
INLETS MEDIAN 1G-MS
RIM: 799.26
INV: 796.75

CONNECT TO EXISTING CMCP
FIELD VERIFY ELEVATION OF EXISTING CMCP
PRIOR TO ORDERING STRUCTURE

STH 50

5" BASE AGGREGATE DENSE 3/4-INCH

5" ASPHALTIC SURFACE TEMPORARY

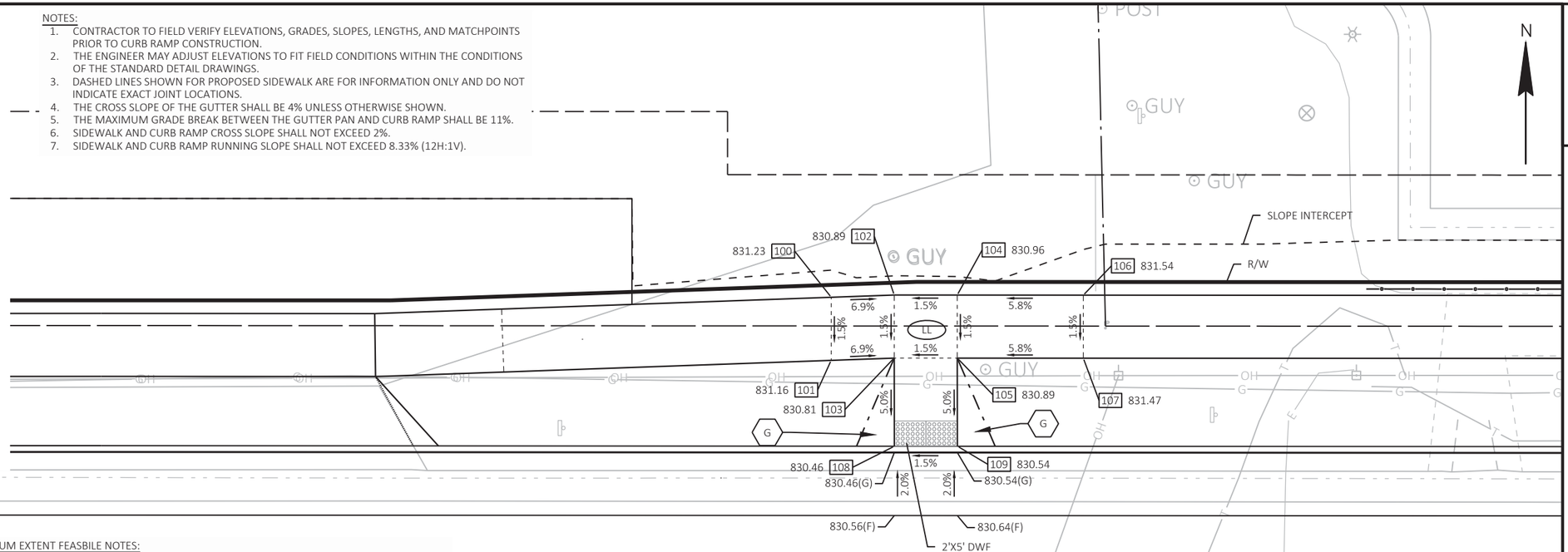
STAGE 1A EAST CROSSOVER DETAIL

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN DETAILS	SHEET 104	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021206_PD EAST CROSSOVER.DWG
LAYOUT NAME - 02
PLOT DATE : 7/29/2021 11:02 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
100	999+78.23	50.32' LT	831.23	128,253.61	549598.32
101	999+78.23	45.31' LT	831.16	128,248.61	549598.32
102	999+83.23	50.50' LT	830.89	128,253.79	549603.32
103	999+83.23	45.50' LT	830.81	128,248.79	549603.32
104	999+88.23	50.50' LT	830.96	128,253.79	549608.32
105	999+88.23	45.50' LT	830.89	128,248.79	549608.32
106	999+98.23	50.50' LT	831.54	128,253.78	549618.32
107	999+98.23	45.50' LT	831.47	128,248.78	549618.32
108	999+83.25	38.50' LT	830.46	128,241.79	549603.33
109	999+88.25	38.51' LT	830.54	128,241.80	549608.33
114	999+83.25	2.50' RT	831.14	128,200.79	549603.30
115	999+88.25	2.50' RT	831.19	128,200.79	549608.30
116	999+88.25	7.50' RT	831.48	128,195.79	549608.30
117	999+83.25	7.50' RT	831.40	128,195.79	549603.30

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).



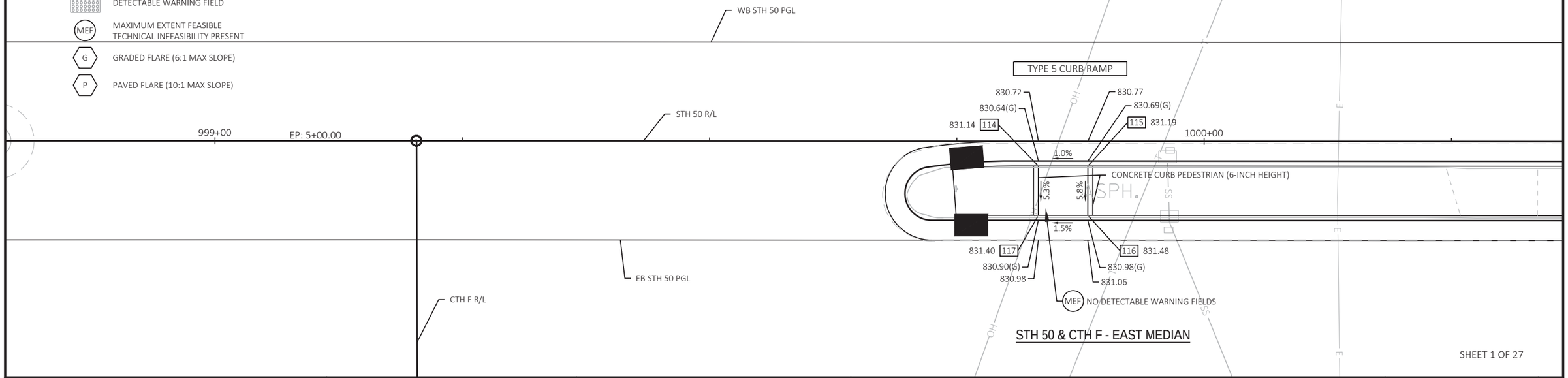
TYPE 7B CURB RAMP

MAXIMUM EXTENT FEASBILE NOTES:
1. DETECTABLE WARNING FIELDS CANNOT BE PLACED IN THE STH 50 & CTH F EAST MEDIAN BECAUSE THE DISTANCE BETWEEN THE TWO BACK OF CURBS IS LESS THAN 6 FEET. A MINIMUM OF TWO FEET IS REQUIRED BETWEEN DECTABLE WARNING FIELD INSTALLATIONS.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

STH 50 & CTH F - NORTHEAST QUADRANT



TYPE 5 CURB RAMP

STH 50 & CTH F - EAST MEDIAN

SHEET 1 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 105	E

2

LEGEND

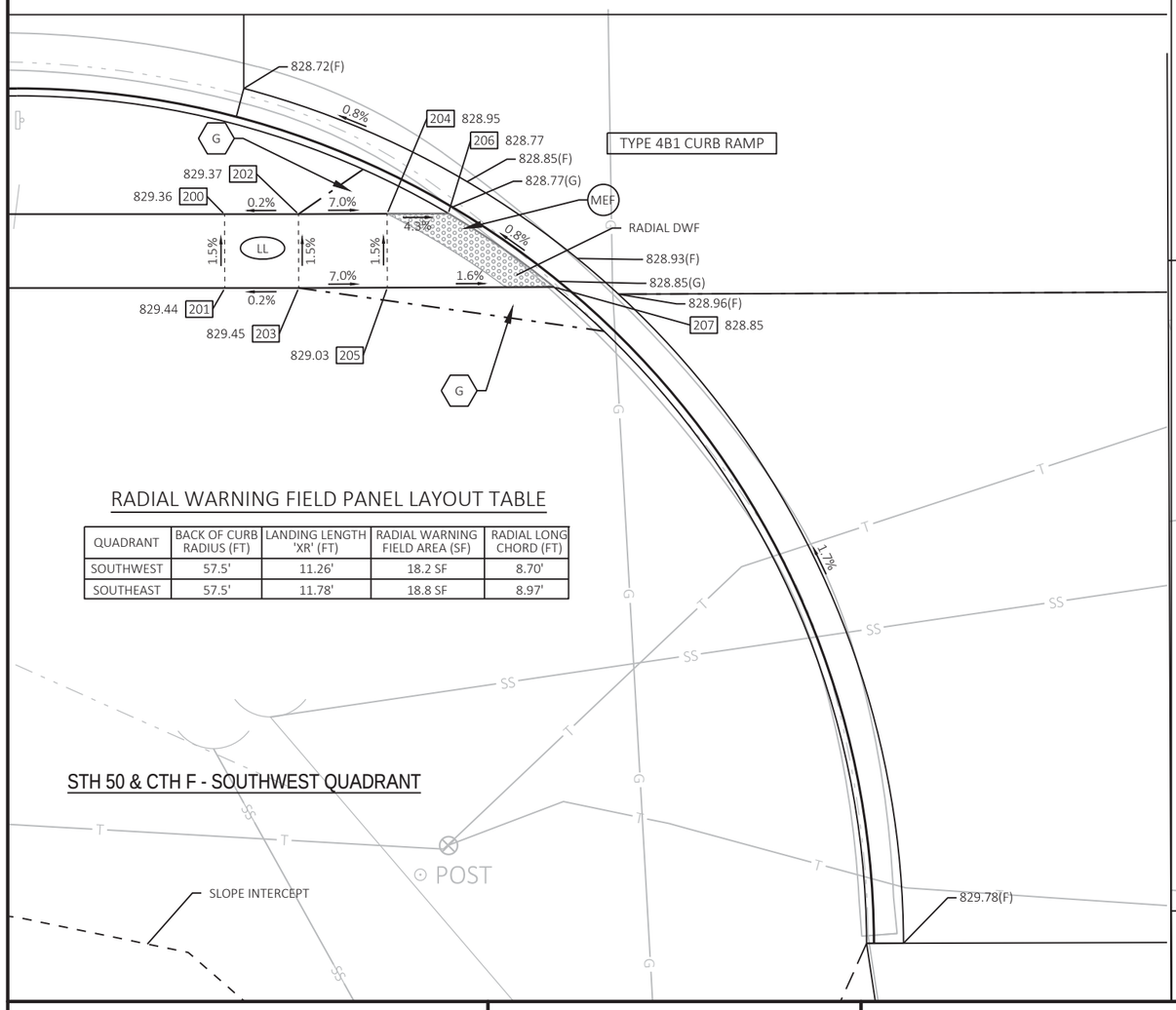
XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

MAXIMUM EXTENT FEASBILE NOTES:
1. LOWER LANDING OF SOUTHWEST RADIUS CANNOT BE A LEVEL LANDING DUE TO THE SLOPE OF THE C&G AND THE GEOMETRY OF THE LOWER LANDING.

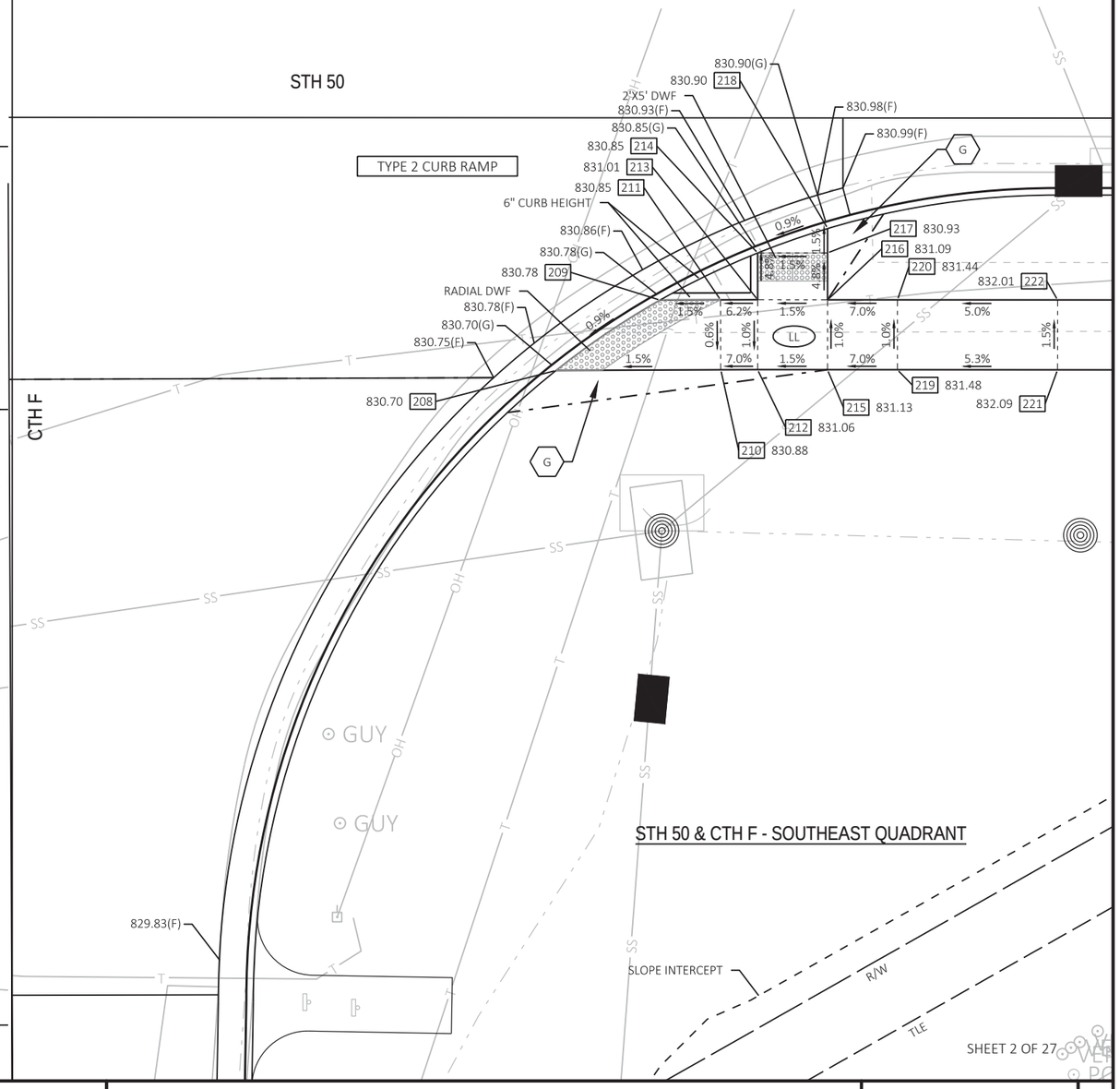
N

STH 50



RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
SOUTHWEST	57.5'	11.26'	18.2 SF	8.70'
SOUTHEAST	57.5'	11.78'	18.8 SF	8.97'



SHEET 2 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 106	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 02-F-S
PLOT DATE : 7/29/2021 11:05 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
200	998+50.68	46.52' RT	829.36	128,156.80	549470.75
201	998+50.70	51.52' RT	829.44	128,151.80	549470.77
202	998+55.68	46.50' RT	829.37	128,156.82	549475.75
203	998+55.70	51.50' RT	829.45	128,151.82	549475.77
204	998+61.68	46.48' RT	828.95	128,156.84	549481.75
205	998+61.70	51.48' RT	829.03	128,151.84	549481.77
206	998+65.82	46.46' RT	828.77	128,156.86	549485.89
207	998+72.96	51.44' RT	828.85	128,151.88	549493.03
208	999+68.83	51.06' RT	830.70	128,152.24	549588.85
209	999+76.26	46.03' RT	830.78	128,157.26	549596.28
210	999+80.61	51.01' RT	830.88	128,152.28	549600.64
211	999+80.59	46.01' RT	830.85	128,157.28	549600.62

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
212	999+83.25	51.00' RT	831.06	128,152.29	549603.27
213	999+83.25	46.00' RT	831.01	128,157.29	549603.27
214	999+83.25	42.65' RT	830.85	128,160.64	549603.28
215	999+88.25	51.00' RT	831.13	128,152.29	549608.27
216	999+88.25	46.00' RT	831.09	128,157.29	549608.27
217	999+88.25	42.65' RT	830.93	128,160.64	549608.28
218	999+88.25	40.89' RT	830.90	128,162.40	549608.28
219	999+93.25	51.00' RT	831.48	128,152.28	549613.27
220	999+93.25	46.00' RT	831.44	128,157.28	549613.27
221	1000+04.70	51.00' RT	832.09	128,152.28	549624.73
222	1000+04.70	46.00' RT	832.01	128,157.28	549624.73

CURB RAMP POINTS - STH 50 & CTH F - SOUTHWEST AND SOUTHESAT QUADRANT

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

N

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
NORTHWEST	57.0'	10.07'	16.9 SF	8.13'

STH 50

STH 75

STH 75 R/L

TYPE 4B1 CURB RAMP

TYPE 6 CURB RAMPS

6" HIGH CURB FOR ALL PEDESTRIAN CURB WITHIN ISLAND

STH 50 & STH 75- NORTHWEST QUADRANT

SHEET 4 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 108	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 03-75-NW

PLOT DATE : 7/29/2021 11:05 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
300	1004+36.62	50.39' LT	831.70	128,253.39	550056.71
301	1004+36.41	45.48' LT	831.56	128,248.48	550056.49
302	1004+41.63	50.53' LT	831.52	128,253.52	550061.72
303	1004+41.41	45.49' LT	831.45	128,248.48	550061.50
304	1004+51.05	51.38' LT	830.96	128,254.37	550071.14
305	1004+51.50	46.40' LT	830.89	128,249.40	550071.59
306	1004+56.70	51.86' LT	830.57	128,254.85	550076.79
307	1004+56.48	46.86' LT	830.64	128,249.85	550076.57
308	1004+61.71	51.86' LT	830.51	128,254.84	550081.80
309	1004+61.49	46.86' LT	830.57	128,249.84	550081.57
310	1004+58.12	57.85' LT	830.63	128,260.83	550078.21
311	1004+62.86	56.72' LT	830.56	128,259.71	550082.95
312	1004+67.02	51.39' LT	830.13	128,254.37	550087.10
313	1004+66.58	46.41' LT	830.21	128,249.39	550086.67
314	1004+70.23	46.09' LT	830.14	128,249.07	550090.32
315	1004+77.05	50.52' LT	829.98	128,253.49	550097.14
316	1004+61.86	42.32' LT	830.86	128,245.30	550081.94
317	1004+84.77	57.56' LT	829.85	128,260.53	550104.86
318	1004+59.69	64.49' LT	830.70	128,267.48	550079.79
319	1004+64.51	63.35' LT	830.63	128,266.33	550084.61
320	1004+61.24	70.99' LT	831.01	128,273.98	550081.34
321	1004+66.09	69.81' LT	830.96	128,272.79	550086.19
322	1004+64.96	77.27' LT	831.15	128,280.25	550085.07
323	1004+69.08	74.79' LT	831.07	128,277.77	550089.18
324	1004+84.09	109.46' LT	830.22	128,312.43	550104.21
325	1004+88.40	106.93' LT	830.13	128,309.90	550108.53

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
326	1004+23.74	39.00' LT	831.60	128,242.01	550043.83
327	1004+67.17	60.85' LT	830.13	128,263.83	550087.27
328	1004+74.73	68.07' LT	829.99	128,271.04	550094.82
329	1004+81.72	74.75' LT	829.75	128,277.72	550101.82
330	1004+93.67	86.18' LT	829.20	128,289.14	550113.78
331	1004+97.53	95.80' LT	828.74	128,298.76	550117.64
332	1004+98.07	105.89' LT	828.79	128,308.85	550118.19
333	1004+81.38	50.14' LT	830.01	128,253.11	550101.47
334	1004+92.86	64.58' LT	829.38	128,267.55	550112.96
335	1004+67.52	81.57' LT	831.20	128,284.55	550087.62
336	1004+71.66	79.07' LT	831.13	128,282.05	550091.77
337	1004+70.07	85.86' LT	831.17	128,288.84	550090.18
338	1004+74.23	83.37' LT	831.10	128,286.34	550094.34
339	1004+72.62	90.16' LT	831.06	128,293.14	550092.74
340	1004+76.81	87.65' LT	830.99	128,290.62	550096.92
341	1004+75.18	94.46' LT	830.91	128,297.44	550095.29
342	1004+79.39	91.93' LT	830.84	128,294.90	550099.50
343	1004+77.73	98.76' LT	830.74	128,301.73	550097.85
344	1004+81.95	96.22' LT	830.66	128,299.19	550102.07
345	1004+80.29	103.06' LT	830.54	128,306.03	550100.41
346	1004+84.54	100.50' LT	830.47	128,303.47	550104.66
347	1005+10.22	68.78' LT	829.30	128,271.74	550130.32
348	1005+08.38	47.78' LT	829.75	128,250.73	550128.47
349	1005+07.95	42.79' LT	829.83	128,245.75	550128.03
350	1005+07.68	39.81' LT	829.93	128,242.76	550127.77
351	1005+08.59	37.14' LT	830.03	128,240.09	550128.67

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
352	1005+11.17	36.00' LT	830.00	128,238.95	550131.25
353	1005+14.65	36.00' LT	829.94	128,238.95	550134.73
354	1005+19.65	36.00' LT	829.84	128,238.95	550139.73
355	1005+25.10	36.00' LT	829.75	128,238.94	550145.18
356	1005+28.35	40.78' LT	829.60	128,243.72	550148.44
357	1005+26.59	45.27' LT	829.55	128,248.21	550146.68
358	1005+24.76	49.92' LT	829.49	128,252.87	550144.85
359	1005+16.96	69.76' LT	829.29	128,272.71	550137.06
360	1005+13.21	71.94' LT	829.29	128,274.89	550133.31
361	1005+10.87	47.56' LT	829.67	128,250.51	550130.96
362	1005+10.44	42.58' LT	829.77	128,245.53	550130.52
363	1005+14.09	47.27' LT	829.64	128,250.23	550134.18
364	1005+13.66	42.29' LT	829.71	128,245.24	550133.74
365	1005+14.65	42.21' LT	829.73	128,245.16	550134.74
366	1005+14.65	41.21' LT	829.74	128,244.16	550134.73
367	1005+14.65	38.50' LT	829.86	128,241.45	550134.73
368	1005+19.65	38.50' LT	829.76	128,241.45	550139.73
369	1005+19.65	41.21' LT	829.67	128,244.15	550139.73
370	1005+19.65	42.73' LT	829.64	128,245.67	550139.74
371	1005+16.83	47.04' LT	829.59	128,249.98	550136.92
372	1005+19.88	48.11' LT	829.55	128,251.06	550139.96
373	1005+21.54	43.39' LT	829.61	128,246.34	550141.62
374	1005+22.43	49.01' LT	829.41	128,251.95	550142.52
375	1005+24.26	44.35' LT	829.47	128,247.30	550144.35

CURB RAMP POINTS - STH 50 & STH 75 - NORTHWEST QUADRANT

MAXIMUM EXTENT FEASBILE NOTES:

1. THE SIDEWALK CROSS SLOPE WILL BE GREATER THAN 1.5% FOR THE NORTH-SOUTH CROSSWALK. THE CROSSWALK IS ACROSS THE MAJOR ROADWAY SO A CROSS SLOPE OF GREATER THAN 1.5% IS ALLOWED TO PERMIT A SMOOTH ROADWAY PROFILE ALONG THE MAJOR ROADWAY.

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

STH 75

STH 75 R/L

TYPE 3 CURB RAMP

TLE

R/W

SLOPE INTERCEPT

STH 50

STH 50 R/L

TYPE 3 CURB RAMP

STH 50 & STH 75- NORTHEAST QUADRANT

1006+00

PI: 50+00.00

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 110	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 04-75-NE
PLOT DATE : 7/29/2021 11:06 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
400	1006+01.81	82.29' LT	828.53	128,285.18	550221.92
401	1006+06.55	83.89' LT	828.63	128,286.78	550226.66
402	1005+94.45	74.39' LT	828.05	128,277.29	550214.55
403	1005+95.34	74.71' LT	828.06	128,277.61	550215.44
404	1006+03.41	77.55' LT	828.52	128,280.45	550223.52
405	1006+08.15	79.15' LT	828.59	128,282.04	550228.26
406	1005+97.00	69.99' LT	828.02	128,272.89	550217.10
407	1006+05.01	72.82' LT	828.48	128,275.71	550225.11
408	1006+09.75	74.42' LT	828.55	128,277.30	550229.85
409	1006+06.67	67.91' LT	828.61	128,270.80	550226.77
410	1006+11.41	69.51' LT	828.69	128,272.39	550231.51
411	1006+12.20	61.26' LT	828.55	128,264.15	550232.30
412	1006+14.64	65.63' LT	828.63	128,268.51	550234.73
413	1006+25.73	59.45' LT	828.51	128,262.33	550245.82

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
414	1006+23.30	55.09' LT	828.44	128,257.97	550243.39
415	1006+36.62	53.39' LT	828.18	128,256.26	550256.71
416	1006+34.19	49.02' LT	828.10	128,251.90	550254.28
417	1006+43.92	51.50' LT	827.95	128,254.37	550264.01
418	1006+43.92	46.50' LT	827.88	128,249.37	550264.00
419	1006+48.92	51.50' LT	827.70	128,254.36	550269.01
420	1006+48.91	46.50' LT	827.63	128,249.36	550268.99
421	1006+48.91	38.70' LT	827.10	128,241.56	550268.99
422	1006+53.92	51.50' LT	827.63	128,254.36	550274.01
423	1006+53.91	46.50' LT	827.55	128,249.36	550273.99
424	1006+53.91	38.50' LT	827.01	128,241.36	550273.99
425	1006+58.91	51.50' LT	827.65	128,254.36	550279.00
426	1006+58.91	46.50' LT	827.58	128,249.36	550278.99

CURB RAMP POINTS - STH 50 & STH 75- NORTHEAST QUADRANT

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

MAXIMUM EXTENT FEASBILE NOTES:

1. THE SIDEWALK RUNNING SLOPE WILL BE GREATER THAN 1.5% FOR WESTERNMOST LEVEL LANDING AT THE BACK OF CURB. THIS SLOPE CANNOT BE ADJUSTED TO 1.5% OR FLATTER BECAUSE IT NEEDS TO MATCH THE BACK OF CURB SLOPE,
2. THE SIDEWALK CROSS SLOPE WILL BE GREATER THAN 1.5% FOR THE NORTH-SOUTH CROSSWALK AT THE BACK OF CURB. THE SLOPE IS MATCHING THE ROADWAY CROSS SLOPE WHICH IS ACCEPTABLE BECAUSE THE CROSSWALK IS CROSSING THE MAJOR ROADWAY.

TYPE 3 CURB RAMP

829.97 509 | G | 830.23 510 | 830.31 511 | 830.58 507 | 830.66 508 | 831.35 532 | MEF | 830.79 505 | 830.96 500 | 501 830.86 | 502 830.88 | 831.07 503 | 504 830.98 | 830.87 506 | 831.79 530 | 525 832.03 | 526 832.10 | 831.86 531 | 832.36(T) | 831.43 533 | 831.91(T) | 831.13 535 | 831.63(T) | 534 831.06 | 537 830.86 | 831.36(T) | 539 830.58 | 831.08(T) | 541 830.51 | 831.01(T) | 540 830.43 | 830.42(T) | 538 830.51 | 518 830.42 | 517 830.35 | 515 830.42 | 516 830.49 | 513 830.18 | 514 830.26 | 536 830.78 | 829.30(F) | 830.05(F) | 829.97(G) | MEF | 2'X5' DWF | 829.95(F) | 829.87(G) | 512 829.87 | 829.91(F) | G

R/W | 832.10 519 | 832.18 520 | 832.55 521 | 832.62 522 | 832.51 523 | 832.49 524 | 2'X5' DWF | 527 832.47 | 528 832.56 | 529 832.43

SEE HANDICAP RAMP CURB DETAIL FOR ADDITIONAL INFORMATION

SLOPE INTERCEPT

R/W | 829.63 543 | 829.34 544 | 829.40 547 | 829.31 551 | 552 829.01 | 829.55 542 | 553 829.26 | 545 829.27 | G | 546 828.88 | 828.88(G) | 828.96(F) | 2'X5' DWF | 549 828.95 | 829.31(T) | 550 828.94 | 828.82(G) | 828.90(F) | 829.32(T) | 828.87(F) | 828.84(F) | CONCRETE CURB PEDESTRIAN | 548 829.33 | 829.30(T)

TYPE 3 CURB RAMP

STH 83 R/L

N

STH 50 & STH 83- SOUTHWEST QUADRANT

SHEET 8 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 112	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 05-83-SW

PLOT DATE : 7/29/2021 11:06 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

2

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
500	1004+85.41	47.50' RT	830.96	128,155.47	550105.44
501	1004+91.66	47.50' RT	830.86	128,155.46	550111.69
502	1004+91.66	48.96' RT	830.88	128,154.01	550111.69
503	1004+85.41	55.00' RT	831.07	128,147.97	550105.43
504	1004+91.67	55.00' RT	830.98	128,147.96	550111.69
505	1005+02.02	50.03' RT	830.79	128,152.93	550122.04
506	1005+01.50	55.00' RT	830.87	128,147.96	550121.52
507	1005+09.68	50.82' RT	830.58	128,152.13	550129.70
508	1005+09.16	55.79' RT	830.66	128,147.16	550129.18
509	1005+14.65	47.50' RT	829.97	128,155.45	550134.68
510	1005+14.65	51.33' RT	830.23	128,151.62	550134.68
511	1005+14.14	56.31' RT	830.31	128,146.64	550134.16
512	1005+19.65	47.50' RT	829.87	128,155.45	550139.68
513	1005+19.65	51.91' RT	830.18	128,151.04	550139.67
514	1005+18.94	56.86' RT	830.26	128,146.09	550138.95
515	1005+24.94	52.88' RT	830.42	128,150.06	550144.96
516	1005+23.85	57.76' RT	830.49	128,145.18	550143.87
517	1005+30.15	54.25' RT	830.35	128,148.69	550150.17
518	1005+28.69	59.04' RT	830.42	128,143.90	550148.71
519	1004+85.41	56.00' RT	832.10	128,146.97	550105.43
520	1004+85.41	61.00' RT	832.18	128,141.97	550105.43
521	1004+85.41	66.34' RT	832.55	128,136.63	550105.42
522	1004+85.41	71.34' RT	832.62	128,131.63	550105.42
523	1004+83.91	76.88' RT	832.51	128,126.09	550103.91
524	1004+83.63	77.90' RT	832.49	128,125.07	550103.64
525	1004+90.41	56.00' RT	832.03	128,146.97	550110.43
526	1004+90.41	61.00' RT	832.10	128,141.97	550110.43

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
527	1004+90.41	66.34' RT	832.47	128,136.63	550110.42
528	1004+90.41	72.00' RT	832.56	128,130.96	550110.42
529	1004+88.73	78.19' RT	832.43	128,124.78	550108.74
530	1005+01.45	56.00' RT	831.79	128,146.96	550121.47
531	1005+01.19	61.00' RT	831.86	128,141.96	550121.21
532	1005+09.06	56.80' RT	831.35	128,146.15	550129.08
533	1005+08.52	61.78' RT	831.43	128,141.18	550128.54
534	1005+14.04	57.30' RT	831.06	128,145.65	550134.05
535	1005+13.49	62.27' RT	831.13	128,140.68	550133.51
536	1005+18.83	57.85' RT	830.78	128,145.09	550138.85
537	1005+18.11	62.80' RT	830.86	128,140.14	550138.12
538	1005+23.64	58.74' RT	830.51	128,144.21	550143.65
539	1005+22.55	63.62' RT	830.58	128,139.32	550142.56
540	1005+28.56	59.64' RT	830.43	128,143.30	550148.57
541	1005+27.47	64.53' RT	830.51	128,138.41	550147.48
542	1005+58.70	69.89' RT	829.55	128,133.03	550178.72
543	1005+55.86	74.01' RT	829.63	128,128.92	550175.87
544	1005+59.97	76.85' RT	829.34	128,126.07	550179.98
545	1005+64.67	75.14' RT	829.27	128,127.78	550184.68
546	1005+69.92	73.22' RT	828.88	128,129.69	550189.92
547	1005+61.88	81.48' RT	829.40	128,121.44	550181.88
548	1005+66.58	79.76' RT	829.33	128,123.15	550186.58
549	1005+71.63	77.92' RT	828.95	128,124.99	550191.63
550	1005+72.54	77.59' RT	828.94	128,125.32	550192.55
551	1005+63.78	86.10' RT	829.31	128,116.81	550183.79
552	1005+68.36	84.43' RT	829.01	128,118.48	550188.37
553	1005+64.03	73.58' RT	829.26	128,129.34	550184.04

CURB RAMP POINTS - STH 50 & STH 83- SOUTHWEST QUADRANT

LEGEND

XXX.XX SIDEWALK ELEVATION
XXX.XX(F) C&G FLANGE ELEVATION
XXX.XX(G) C&G FLOWLINE ELEVATION
XXX.XX(T) TOP OF CURB ELEVATION
LL LEVEL LANDING
100 POINT NUMBER
SLOPE INTERCEPTS
DETECTABLE WARNING FIELD
MEF MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G GRADED FLARE (6:1 MAX SLOPE)
P PAVED FLARE (10:1 MAX SLOPE)

MAXIMUM EXTENT FEASBILE NOTES:
1. THE SIDEWALK CROSS SLOPE WILL BE GREATER THAN 1.5% FOR THE NORTH-SOUTH CROSSWALK IN THE PORKCHOP ISLAND. THE SLOPE IS MATCHING THE ROADWAY CROSS SLOPE WHICH IS ACCEPTABLE BECAUSE THE CROSSWALK IS CROSSING THE MAJOR ROADWAY.

N

TYPE 6 CURB RAMPS

STH 50

STH 83

TYPE 4B1 CURB RAMP

6-INCH TALL CONCRETE CURB PEDESTRIAN ON ALL ISLAND CURBS

STH 83 R/L

49+00

SLOPE INTERCEPT

RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
NORTHWEST	37.0'	10.21'	25.3 SF	12.43'

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

STH 50 & STH 83- SOUTHEAST QUADRANT

SHEET 10 OF 27

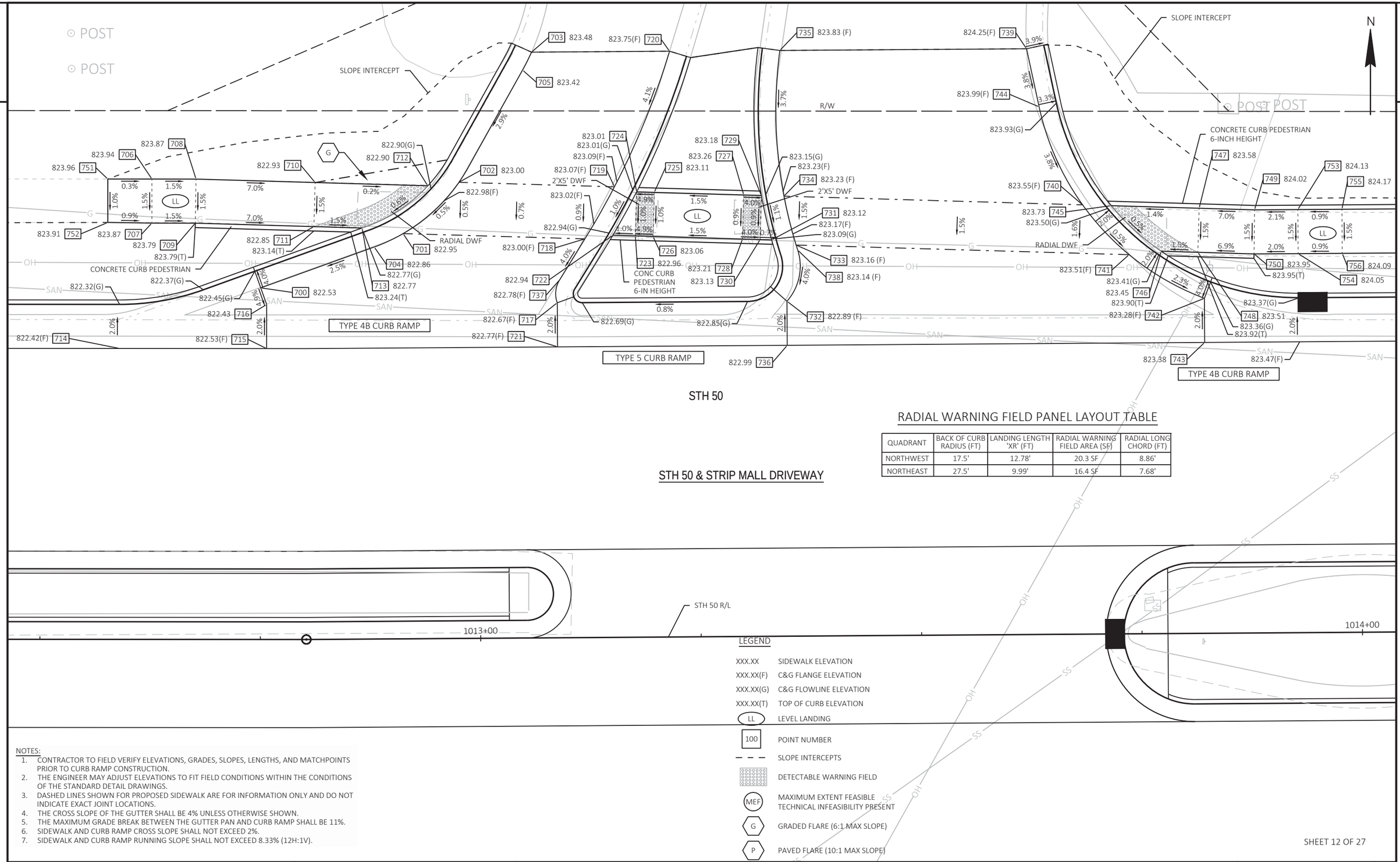
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 114	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 06-83-SE
PLOT DATE : 7/29/2021 11:06 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
600	1006+40.36	42.94' RT	827.63	128,159.93	550260.38
601	1006+51.41	70.25' RT	827.44	128,132.61	550271.42
602	1006+58.14	69.25' RT	827.30	128,133.61	550278.15
603	1006+62.68	42.23' RT	827.07	128,160.62	550282.71
604	1006+59.24	38.13' RT	827.20	128,164.73	550279.27
605	1006+43.60	38.13' RT	827.55	128,164.74	550263.63
606	1006+40.70	39.67' RT	827.65	128,163.20	550260.73
607	1006+58.81	64.19' RT	827.25	128,138.67	550278.83
608	1006+44.32	46.08' RT	827.52	128,156.79	550264.35
609	1006+47.19	45.03' RT	827.41	128,157.83	550267.22
610	1006+48.91	44.41' RT	827.38	128,158.46	550268.93
611	1006+48.91	44.06' RT	827.38	128,158.81	550268.93
612	1006+48.91	40.63' RT	827.35	128,162.24	550268.94
613	1006+53.91	40.63' RT	827.24	128,162.24	550273.94
614	1006+53.91	42.63' RT	827.26	128,160.24	550273.94
615	1006+53.91	44.06' RT	827.31	128,158.80	550273.93
616	1006+54.78	44.21' RT	827.29	128,158.65	550274.80
617	1006+59.65	45.07' RT	827.02	128,157.79	550279.67
618	1006+58.78	49.99' RT	827.06	128,152.86	550278.80
619	1006+57.68	44.72' RT	827.12	128,158.14	550277.70
620	1006+53.89	49.23' RT	827.31	128,153.63	550273.91

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
621	1006+48.92	49.77' RT	827.38	128,153.10	550268.95
622	1006+46.20	50.72' RT	827.49	128,152.15	550266.22
624	1006+87.38	57.57' RT	826.49	128,145.26	550307.40
625	1006+96.38	49.01' RT	826.31	128,153.83	550316.41
626	1007+02.62	60.32' RT	826.31	128,142.51	550322.64
627	1007+04.37	50.42' RT	826.46	128,152.41	550324.39
628	1006+82.35	66.36' RT	826.98	128,136.48	550302.37
629	1007+04.47	44.16' RT	826.48	128,158.67	550324.50
630	1007+14.22	52.15' RT	826.31	128,150.67	550334.24
631	1007+12.48	62.00' RT	826.16	128,140.82	550332.50
632	1007+18.81	50.17' RT	826.50	128,152.65	550338.83
633	1007+20.79	54.75' RT	826.43	128,148.06	550340.81
634	1007+35.35	43.00' RT	826.11	128,159.81	550355.38
635	1007+36.39	48.00' RT	826.17	128,154.81	550356.41
636	1007+11.76	90.54' RT	826.95	128,112.28	550331.76
637	1007+19.00	83.64' RT	826.76	128,119.18	550339.00
638	1007+13.16	73.62' RT	826.25	128,129.20	550333.17
639	1007+03.59	76.52' RT	826.40	128,126.31	550323.60
640	1006+97.43	59.35' RT	826.40	128,143.49	550317.45
641	1006+99.17	49.50' RT	826.35	128,153.33	550319.19

CURB RAMP POINTS - STH 50 & STH 83- SOUTHEAST QUADRANT



RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
NORTHWEST	17.5'	12.78'	20.3 SF	8.86'
NORTHEAST	27.5'	9.99'	16.4 SF	7.68'

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 116	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 07-Dwy
PLOT DATE : 7/29/2021 11:06 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

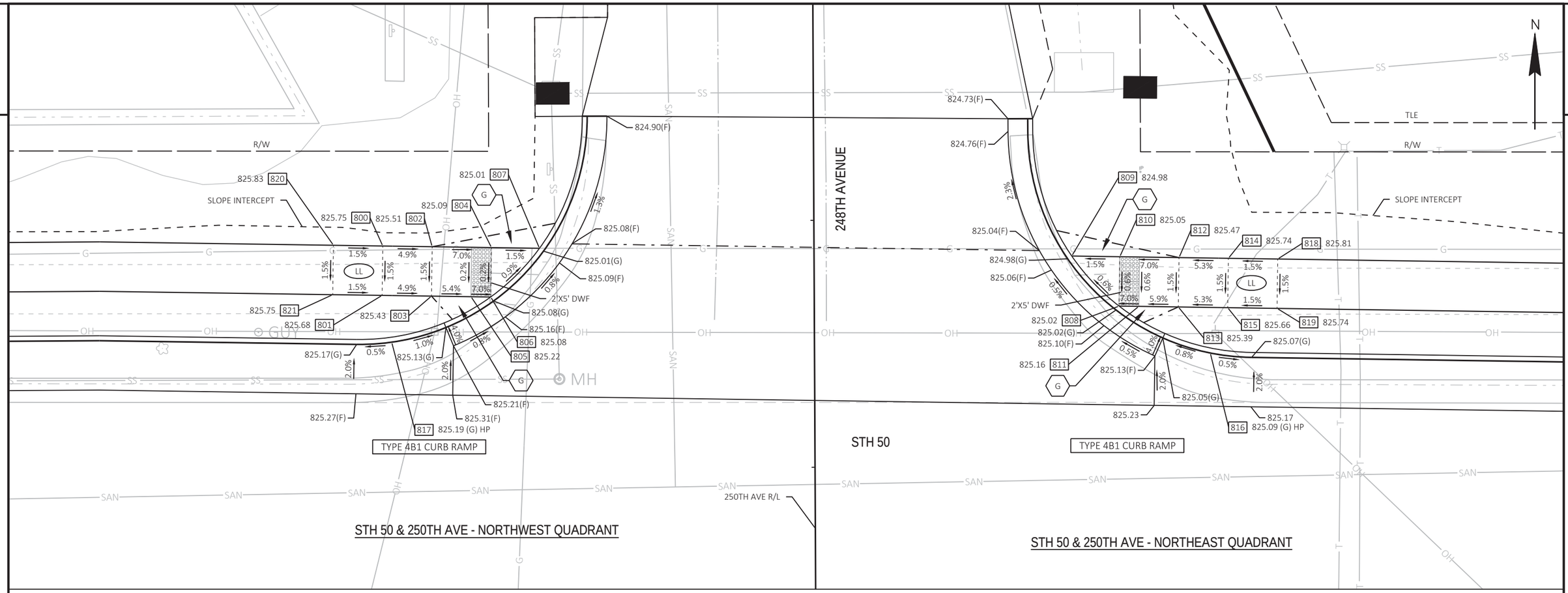
2

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
700	1012+75.02	39.88' LT	822.53	128,242.35	550895.10
701	1012+91.50	45.97' LT	822.95	128,248.50	550911.24
702	1012+97.87	51.74' LT	823.00	128,254.32	550917.57
703	1013+06.21	66.45' LT	823.48	128,269.09	550925.81
704	1012+88.22	44.47' LT	822.86	128,246.98	550907.97
705	1013+05.18	64.42' LT	823.42	128,267.05	550924.79
706	1012+62.67	52.22' LT	823.94	128,254.69	550882.76
707	1012+62.67	47.22' LT	823.87	128,249.69	550882.75
708	1012+67.67	52.22' LT	823.87	128,254.69	550887.76
709	1012+67.60	47.22' LT	823.79	128,249.69	550887.68
710	1012+81.57	51.83' LT	822.93	128,254.30	550901.27
711	1012+81.39	46.83' LT	822.85	128,249.30	550901.13
712	1012+94.35	51.37' LT	822.90	128,253.93	550914.05
713	1012+86.85	46.64' LT	822.77	128,249.14	550906.59
714	1012+59.01	33.00' LT	822.42	128,235.47	550879.09
715	1012+75.69	33.00' LT	822.53	128,235.46	550895.77
716	1012+75.69	38.00' LT	822.43	128,240.46	550895.77
717	1013+08.93	38.00' LT	822.67	128,240.65	550928.73
718	1013+12.12	45.23' LT	823.00	128,247.90	550931.87

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
719	1013+15.51	51.11' LT	823.07	128,253.81	550935.22
720	1013+21.87	66.44' LT	823.75	128,269.19	550941.46
721	1013+08.93	33.00' LT	822.77	128,235.66	550928.76
722	1013+15.29	45.61' LT	822.94	128,248.31	550935.03
723	1013+17.84	45.52' LT	822.96	128,248.24	550937.59
724	1013+18.02	50.52' LT	823.01	128,253.24	550937.73
725	1013+20.02	50.45' LT	823.11	128,253.18	550939.73
726	1013+19.84	45.45' LT	823.06	128,248.18	550939.59
727	1013+30.17	50.08' LT	823.26	128,252.88	550949.88
728	1013+29.99	45.09' LT	823.21	128,247.88	550949.73
729	1013+32.17	50.01' LT	823.18	128,252.82	550951.88
730	1013+31.99	45.01' LT	823.13	128,247.83	550951.73
731	1013+33.29	44.97' LT	823.12	128,247.79	550953.04
732	1013+34.99	38.00' LT	822.89	128,240.83	550954.78
733	1013+36.06	44.37' LT	823.16	128,247.21	550955.81
734	1013+34.72	49.92' LT	823.23	128,252.75	550954.44
735	1013+34.37	66.45' LT	823.83	128,269.28	550953.97
736	1013+34.99	33.00' LT	822.99	128,235.83	550954.81
737	1013+09.22	40.59' LT	822.78	128,243.25	550929.00

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
738	1013+36.24	43.79' LT	823.14	128,246.64	550955.99
739	1013+62.35	66.45' LT	824.25	128,269.47	550981.95
740	1013+68.59	48.70' LT	823.55	128,251.76	550988.30
741	1013+73.82	43.01' LT	823.51	128,246.11	550993.58
742	1013+82.33	38.00' LT	823.28	128,241.16	551002.12
743	1013+82.33	33.00' LT	823.38	128,236.16	551002.15
744	1013+63.73	59.85' LT	823.99	128,262.88	550983.38
745	1013+71.81	48.59' LT	823.73	128,251.67	550991.53
746	1013+77.46	43.38' LT	823.45	128,246.50	550997.21
747	1013+81.80	48.23' LT	823.58	128,251.38	551001.52
748	1013+81.62	43.23' LT	823.51	128,246.38	551001.37
749	1013+88.08	48.00' LT	824.02	128,251.20	551007.81
750	1013+87.99	43.00' LT	823.95	128,246.20	551007.75
751	1012+57.67	52.22' LT	823.96	128,254.70	550877.76
752	1012+57.67	47.29' LT	823.91	128,249.77	550877.75
753	1013+93.00	48.00' LT	824.13	128,251.23	551012.72
754	1013+93.00	43.00' LT	824.05	128,246.23	551012.75
755	1013+98.00	48.00' LT	824.17	128,251.27	551017.72
756	1013+98.00	43.00' LT	824.09	128,246.27	551017.75

STH 50 & STRIP MALL DRIVEWAY



LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
800	1016+79.14	47.39' LT	825.75	128,252.58	551298.86
801	1016+79.03	42.39' LT	825.68	128,247.58	551298.78
802	1016+83.78	47.31' LT	825.51	128,252.51	551303.86
803	1016+83.71	42.31' LT	825.43	128,247.51	551303.78
804	1016+89.78	47.23' LT	825.09	128,252.42	551309.86
805	1016+87.71	42.25' LT	825.22	128,247.45	551307.78
806	1016+89.71	42.23' LT	825.08	128,247.42	551309.78
807	1016+94.64	47.16' LT	825.01	128,252.35	551314.72
808	1017+53.33	41.34' LT	825.02	128,246.50	551373.41
809	1017+48.54	46.41' LT	824.98	128,251.57	551368.62
810	1017+53.40	46.34' LT	825.05	128,251.50	551373.48

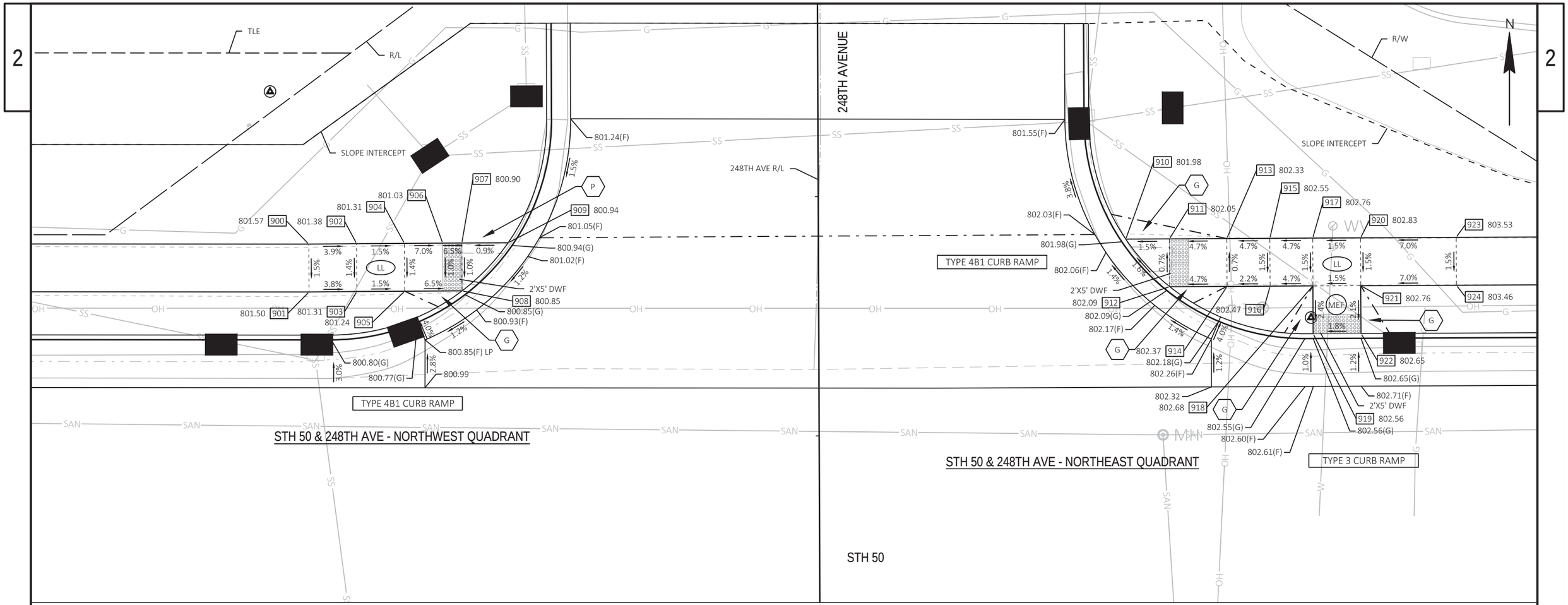
POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
811	1017+55.33	41.32' LT	825.16	128,246.47	551375.41
812	1017+59.40	46.26' LT	825.47	128,251.41	551379.48
813	1017+59.33	41.26' LT	825.39	128,246.41	551379.41
814	1017+64.40	46.19' LT	825.74	128,251.34	551384.48
815	1017+64.33	41.19' LT	825.66	128,246.34	551384.41
816	1017+62.58	36.60' LT	825.09	128,241.75	551382.65
817	1016+79.96	37.64' LT	825.19	128,242.84	551299.75
818	1017+69.40	46.12' LT	825.81	128,251.27	551389.48
819	1017+69.33	41.12' LT	825.74	128,246.27	551389.41
820	1016+74.14	47.49' LT	825.83	128,252.65	551293.86
821	1016+74.03	42.50' LT	825.75	128,247.65	551293.79

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 118	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 08-250-N
PLOT DATE : 7/29/2021 11:07 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
900	1025+06.87	45.00' LT	801.57	128,249.67	552126.95
901	1025+06.90	40.00' LT	801.50	128,244.67	552126.98
902	1025+11.87	45.06' LT	801.38	128,249.73	552131.95
903	1025+11.90	40.06' LT	801.31	128,244.73	552131.98
904	1025+16.87	45.09' LT	801.31	128,249.76	552136.95
905	1025+16.90	40.09' LT	801.24	128,244.76	552136.98
906	1025+20.87	45.12' LT	801.03	128,249.78	552140.95
907	1025+22.87	45.13' LT	800.90	128,249.79	552142.95
908	1025+22.90	40.13' LT	800.85	128,244.79	552142.98
909	1025+27.71	45.16' LT	800.94	128,249.82	552147.78
910	1025+92.51	45.48' LT	801.98	128,250.20	552212.35
911	1025+97.08	45.48' LT	802.05	128,250.22	552216.92
912	1025+97.09	40.48' LT	802.09	128,245.22	552216.95

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
913	1026+03.08	45.49' LT	802.33	128,250.26	552222.92
914	1026+03.09	40.49' LT	802.37	128,245.26	552222.95
915	1026+07.58	45.49' LT	802.55	128,250.28	552227.42
916	1026+07.59	40.49' LT	802.47	128,245.28	552227.45
917	1026+12.06	45.50' LT	802.76	128,250.31	552231.90
918	1026+12.06	40.50' LT	802.68	128,245.31	552231.92
919	1026+12.06	35.50' LT	802.56	128,240.31	552231.95
920	1026+17.06	45.50' LT	802.83	128,250.33	552236.90
921	1026+17.06	40.50' LT	802.76	128,245.33	552236.92
922	1026+17.06	35.50' LT	802.65	128,240.33	552236.95
923	1026+27.06	45.50' LT	803.53	128,250.38	552246.90
924	1026+27.06	40.50' LT	803.46	128,245.38	552246.92

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

MAXIMUM EXTENT FEASBILE NOTES:

1. THE SIDEWALK CROSS SLOPE WILL BE GREATER THAN 1.5% FOR THE NORTH-SOUTH CROSSWALK IN THE NORTHEAST QUADRANT. THE CROSS SLOPE IS MATCHING THE ROADWAY LONGITUDINAL SLOPE WHICH IS ACCEPTABLE BECAUSE THE CROSSWALK IS CROSSING THE MAJOR ROADWAY.

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 119	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 09-248-N
PLOT DATE : 7/29/2021 11:07 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
- - -	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

MAXIMUM EXTENT FEASBILE NOTES:

1. THE SIDEWALK CROSS SLOPE WILL BE GREATER THAN 1.5% FOR THE NORTH-SOUTH CROSSWALK IN THE SOUTHEAST QUADRANT. THE CROSS SLOPE IS MATCHING THE ROADWAY LONGITUDINAL SLOPE WHICH IS ACCEPTABLE BECAUSE THE CROSSWALK IS CROSSING THE MAJOR ROADWAY.
2. THE SIDEWALK CROSS SLOPE WILL BE GREATER THAN 1.5% FOR THE NORTH-SOUTH CROSSWALK IN THE STH 50 MEDIAN. THE CROSS SLOPE IS MATCHING THE ROADWAY LONGITUDINAL SLOPE WHICH IS ACCEPTABLE BECAUSE THE CROSSWALK IS CROSSING THE MAJOR ROADWAY.
3. THE LOWER LANDING SLOPES IN THE RADIAL WARNING FIELD IN THE SOUTHEAST QUADRANT WILL BE GREATER THAN 1.5% BUT LESS THAN 2%. SLOPES CANNOT BE REDUCED TO 1.5% OR LESS WITHOUT HAVING SLOPES STEEPER THAN 7% IN OTHER LOCATIONS IN THE QUADRANT.

RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
SOUTHWEST	42.5'	12.33'	19.3 SF	9.03'
SOUTHEAST	42.5'	12.73'	19.8 SF	9.20'

N

STH 50

1025+00 EP: 20+00.00 BP: 20+00.00 1026+00

STH 50 R/L

HIGH SCHOOL WEST DRIVEWAY R/L

TYPE 5 CURB RAMP

802.98(F) 802.90(G) 802.93 1055 802.85(F) 802.77(G) 802.80 1054 MEF

CONC CURB PEDESTRIAN 6-INCH HEIGHT

CONC CURB PEDESTRIAN 6-INCH HEIGHT

MEF

802.43 1057 802.40(G) 802.48(F) 802.56 1056 802.53(G) 802.61(F)

STH 50 & HIGH SCHOOL WEST DRIVEWAY MEDIAN

TYPE 4B CURB RAMP

800.71 1006 CONCRETE CURB PEDESTRIAN 800.90(F) 800.84(F) 1027 1028 800.74 (F) 800.66(G) 801.21(T) 801.11(T) 800.68(F) 800.60(G) 1008 800.69 RADIAL DWF 800.80(G) 800.91(T) 1004 800.91 801.14 1000 800.99 1002 801.06 1001 800.91 1003 800.84 1005 800.75 1007 800.52 1009 800.60(F) 800.52(G) 800.58(F)

800.86(F) 800.76(F) 1010 800.77(G) 800.73(F) 1011 800.73(G) 800.69(F) 800.73 1017 2'X5' DWF 800.65(F) 800.62(F) 800.66(G) 800.75 1019 800.94 1025 800.32(F) 1012 REJECT GUTTER 800.27(F) 1013

CONCRETE CURB PEDESTRIAN 6-INCH HEIGHT

1018 800.78 1023 800.97 1024 801.05 1020 800.99 800.97(G) 801.10(F) 1016 801.00 (F) 1015 800.96 (F) 1022 800.94 800.94(G) 800.90(F) 2'X5' DWF 800.84(F) 800.80(F) 800.84(G) 1021 800.96 1026 801.02 CONCRETE CURB PEDESTRIAN 6-IN HEIGHT 1014 800.38 (F)

TYPE 4B CURB RAMP

801.74 1043 CONCRETE CURB PEDESTRIAN 801.93(T) 801.39 1042 801.53(F) 1030 801.43(F) 1029 801.39(G) 801.81(T) 801.31 1033 801.76(T) 801.32(F) 801.24(G) 801.24 1031 RADIAL DWF 801.17(F) 801.09(G) 801.09 1032 801.12 1053 801.58(T) CONC CURB PEDESTRIAN 801.36 1036 801.82(T) 801.32 1034 801.59(T) 801.60 1035 1037 801.37

TYPE 3 CURB RAMP

801.92 1047 802.24 1048 802.02(F) 801.92(G) 2'X5' DWF 801.80(F) 801.70(G) 802.14(F) 802.04(G) 1050 802.04 802.16 1045 801.79(T) 1051 802.31 1052 802.39 1049 802.31 1044 801.82 1046 802.24 1041 801.40 1040 801.65 1039 801.57 1038 801.52

SLOPE INTERCEPT

STH 50 & HIGH SCHOOL WEST DRIVEWAY SOUTHWEST QUADRANT

STH 50 & HIGH SCHOOL WEST DRIVEWAY SOUTHEAST QUADRANT

HIGH SCHOOL WEST DRIVEWAY

799.41(F) R/W 799.41(F)

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

SHEET 16 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 120	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 10-School-S

PLOT DATE : 7/29/2021 11:07 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ########## WISDOT/CADDS SHEET 42

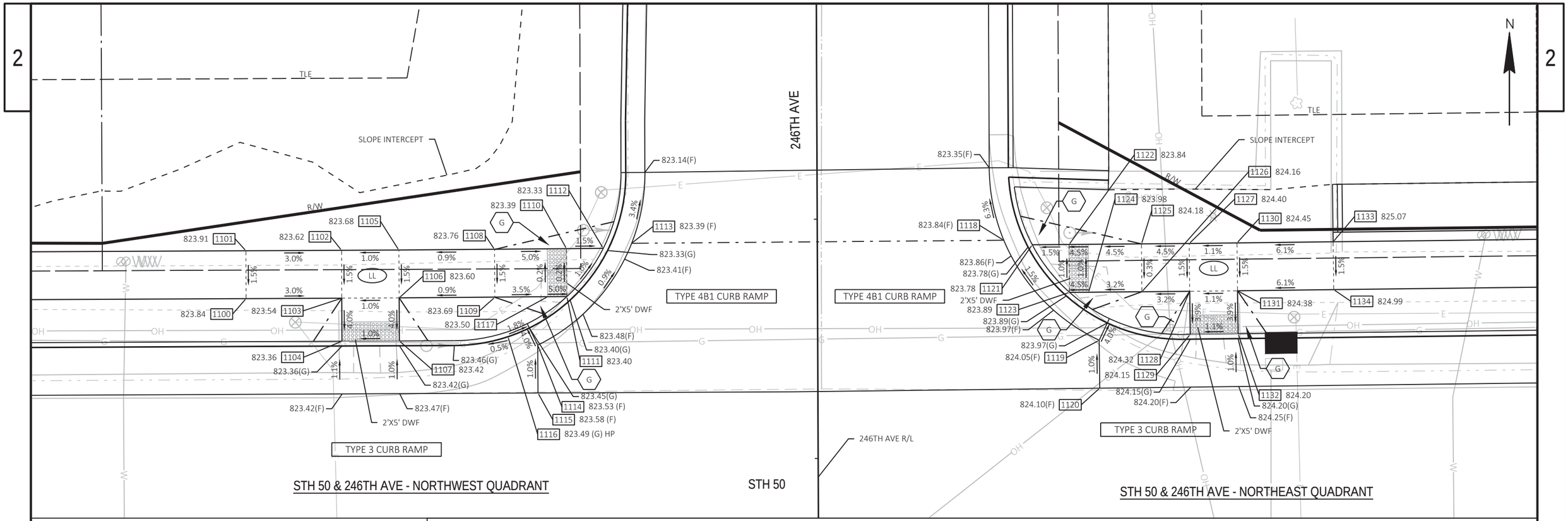
2

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1000	1024+82.68	40.00' RT	801.14	128,164.69	552102.70
1001	1024+82.70	45.00' RT	801.06	128,159.69	552102.71
1002	1024+92.68	40.30' RT	800.99	128,164.38	552112.70
1003	1024+92.70	45.30' RT	800.91	128,159.38	552112.72
1004	1024+97.68	40.28' RT	800.91	128,164.40	552117.70
1005	1024+97.70	45.28' RT	800.84	128,159.40	552117.71
1006	1025+03.68	40.26' RT	800.71	128,164.42	552123.70
1007	1025+03.70	45.26' RT	800.75	128,159.42	552123.71
1008	1025+08.49	40.24' RT	800.69	128,164.43	552128.51
1009	1025+16.03	45.21' RT	800.52	128,159.46	552136.05
1010	1025+30.65	35.00' RT	800.76	128,169.66	552150.68
1011	1025+31.10	37.84' RT	800.73	128,166.82	552151.12
1012	1025+42.29	55.92' RT	800.32	128,148.73	552162.30
1013	1025+46.07	58.42' RT	800.27	128,146.22	552166.07
1014	1025+49.76	55.79' RT	800.38	128,148.85	552169.77
1015	1025+60.62	38.04' RT	800.96	128,166.59	552180.64
1016	1025+61.25	35.00' RT	801.00	128,169.64	552181.27
1017	1025+36.20	40.13' RT	800.73	128,164.52	552156.22
1018	1025+39.59	40.12' RT	800.78	128,164.53	552159.61
1019	1025+39.61	45.12' RT	800.75	128,159.53	552159.63

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1020	1025+52.14	40.07' RT	800.99	128,164.57	552172.16
1021	1025+52.16	45.07' RT	800.96	128,159.58	552172.18
1022	1025+55.63	40.05' RT	800.94	128,164.59	552175.65
1023	1025+43.42	40.10' RT	800.97	128,164.55	552163.44
1024	1025+48.42	40.08' RT	801.05	128,164.56	552168.44
1025	1025+43.39	45.10' RT	800.94	128,159.55	552163.41
1026	1025+48.39	45.08' RT	801.02	128,159.56	552168.41
1027	1025+02.26	30.00' RT	800.84	128,174.68	552122.29
1028	1025+02.26	35.00' RT	800.74	128,169.68	552122.29
1029	1025+89.32	35.00' RT	801.43	128,169.71	552209.53
1030	1025+89.32	30.00' RT	801.53	128,174.71	552209.51
1031	1025+83.55	40.00' RT	801.24	128,164.68	552203.78
1032	1025+75.81	44.99' RT	801.09	128,159.65	552196.07
1033	1025+88.55	40.01' RT	801.31	128,164.69	552208.78
1034	1025+88.54	45.01' RT	801.32	128,159.69	552208.80
1035	1025+88.54	50.01' RT	801.60	128,154.69	552208.81
1036	1025+70.89	50.00' RT	801.36	128,154.64	552190.90
1037	1025+74.25	54.99' RT	801.37	128,149.65	552194.55
1038	1025+88.53	55.01' RT	801.52	128,149.69	552208.83
1039	1025+93.53	55.02' RT	801.57	128,149.71	552213.83

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1040	1025+93.54	50.02' RT	801.65	128,154.71	552213.81
1041	1025+93.54	45.02' RT	801.40	128,159.71	552213.80
1042	1025+93.55	40.02' RT	801.39	128,164.71	552213.78
1043	1025+99.55	40.03' RT	801.74	128,164.73	552219.78
1044	1025+99.54	45.03' RT	801.82	128,159.73	552219.80
1045	1026+07.06	40.04' RT	802.16	128,164.75	552227.29
1046	1026+07.06	45.04' RT	802.24	128,159.75	552227.32
1047	1026+12.06	35.50' RT	801.92	128,169.31	552232.27
1048	1026+12.06	40.04' RT	802.24	128,164.77	552232.29
1049	1026+12.06	45.04' RT	802.31	128,159.77	552232.32
1050	1026+17.06	35.50' RT	802.04	128,169.33	552237.27
1051	1026+17.06	40.05' RT	802.31	128,164.78	552237.29
1052	1026+17.06	45.05' RT	802.39	128,159.78	552237.32
1053	1025+71.71	45.49' RT	801.12	128,159.14	552191.73
1054	1026+12.06	4.50' LT	802.80	128,209.31	552232.09
1055	1026+17.06	4.50' LT	802.93	128,209.33	552237.09
1056	1026+17.06	4.50' RT	802.56	128,200.33	552237.13
1057	1026+12.06	4.50' RT	802.43	128,200.31	552232.13

CURB RAMP POINTS - STH 50 & HIGH SCHOOL WEST DRIVEWAY



LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
– – –	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1100	1033+63.07	42.00' LT	823.84	128,250.27	552982.91
1101	1033+63.07	47.00' LT	823.91	128,255.27	552982.89
1102	1033+73.07	47.00' LT	823.62	128,255.32	552992.89
1103	1033+73.07	42.00' LT	823.54	128,250.32	552992.91
1104	1033+73.07	37.50' LT	823.36	128,245.82	552992.93
1105	1033+79.06	47.00' LT	823.68	128,255.35	552998.88
1106	1033+79.07	42.00' LT	823.60	128,250.35	552998.91
1107	1033+79.07	37.50' LT	823.42	128,245.85	552998.93
1108	1033+89.06	47.02' LT	823.76	128,255.41	553008.88
1109	1033+89.07	42.02' LT	823.69	128,250.41	553008.91
1110	1033+96.58	47.06' LT	823.39	128,255.49	553016.40
1111	1033+96.60	42.06' LT	823.40	128,250.49	553016.44

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1112	1034+00.42	47.08' LT	823.33	128,255.52	553020.24
1113	1034+03.39	47.59' LT	823.39	128,256.05	553023.21
1114	1033+93.53	37.00' LT	823.53	128,245.41	553013.40
1115	1033+93.53	32.00' LT	823.58	128,240.41	553013.42
1116	1033+90.42	37.89' LT	823.49	128,246.29	553010.28
1117	1033+94.60	42.06' LT	823.50	128,250.47	553014.44
1118	1034+42.65	47.57' LT	823.84	128,256.37	553062.12
1119	1034+52.50	37.00' LT	824.05	128,245.92	553072.09
1120	1034+52.50	32.00' LT	824.10	128,240.92	553072.15
1121	1034+45.62	47.06' LT	823.78	128,255.89	553065.10
1122	1034+49.47	47.05' LT	823.84	128,255.93	553068.94
1123	1034+49.45	42.05' LT	823.89	128,250.93	553068.98

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1124	1034+51.45	42.04' LT	823.98	128,250.94	553070.98
1125	1034+57.04	47.02' LT	824.18	128,255.99	553076.52
1126	1034+57.02	42.02' LT	824.16	128,250.99	553076.56
1127	1034+62.03	47.00' LT	824.40	128,256.03	553081.51
1128	1034+62.02	42.00' LT	824.32	128,251.03	553081.56
1129	1034+62.02	37.50' LT	824.15	128,246.53	553081.61
1130	1034+67.02	47.00' LT	824.45	128,256.09	553086.50
1131	1034+67.02	42.00' LT	824.38	128,251.09	553086.56
1132	1034+67.02	37.50' LT	824.20	128,246.59	553086.61
1133	1034+77.08	47.00' LT	825.07	128,256.21	553096.55
1134	1034+77.08	42.00' LT	824.99	128,251.21	553096.61

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 122	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 11-246-N
PLOT DATE : 7/29/2021 11:08 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

N

2

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1200	1033+62.56	42.00' RT	823.86	128,166.27	552982.79
1201	1033+62.56	47.00' RT	823.93	128,161.27	552982.81
1202	1033+71.97	57.00' RT	824.23	128,151.32	552992.27
1203	1033+72.21	52.00' RT	824.05	128,156.32	552992.49
1204	1033+72.43	47.00' RT	823.72	128,161.32	552992.68
1205	1033+72.64	42.00' RT	823.64	128,166.32	552992.87
1206	1033+72.66	37.50' RT	823.35	128,170.82	552992.87
1207	1033+72.66	39.50' RT	823.47	128,168.82	552992.88
1208	1033+77.98	57.00' RT	824.28	128,151.34	552998.28
1209	1033+78.12	52.00' RT	824.11	128,156.34	552998.39
1210	1033+78.64	47.00' RT	823.76	128,161.34	552998.90
1211	1033+78.64	42.00' RT	823.69	128,166.35	552998.87
1212	1033+78.66	37.50' RT	823.42	128,170.84	552998.87
1213	1033+83.65	46.98' RT	823.91	128,161.39	553003.91

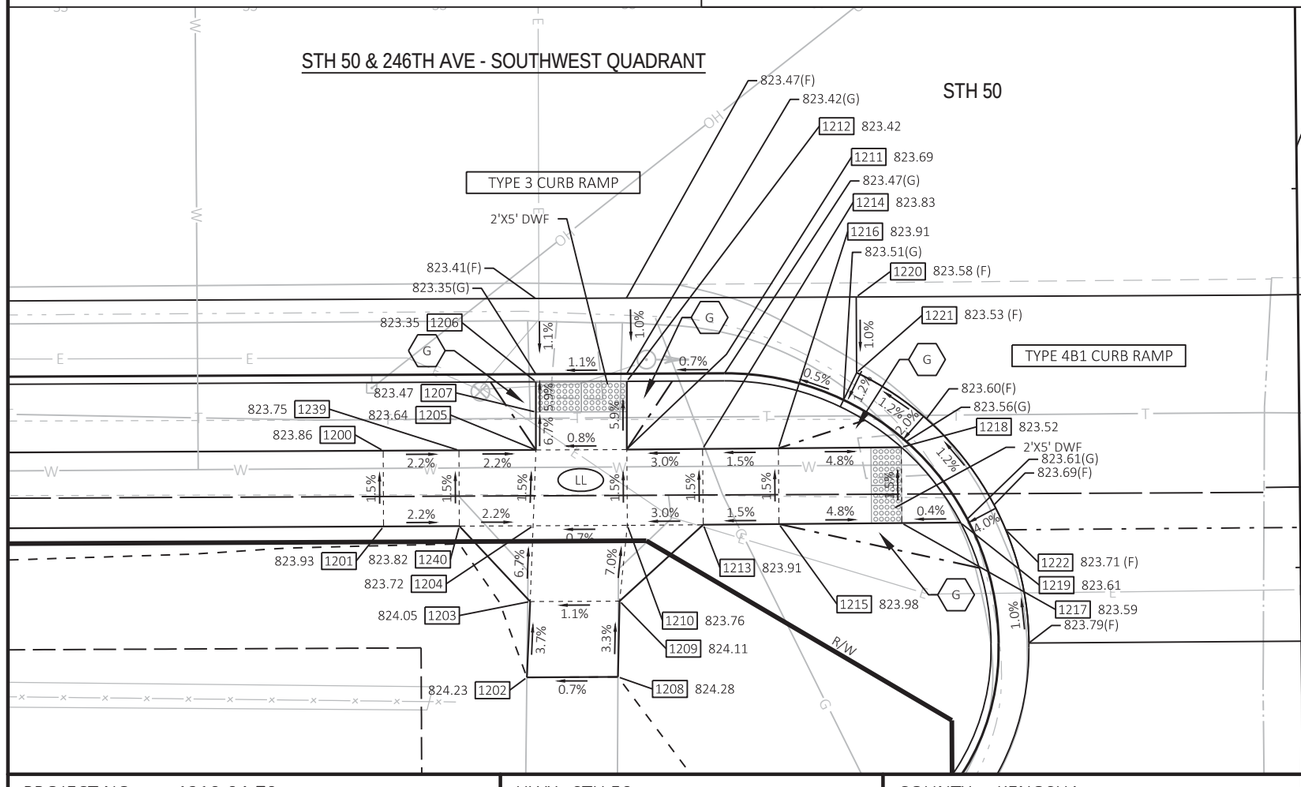
POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1214	1033+83.64	41.98' RT	823.83	128,166.39	553003.87
1215	1033+88.65	46.96' RT	823.98	128,161.43	553008.91
1216	1033+88.64	41.96' RT	823.91	128,166.43	553008.87
1217	1033+96.76	46.93' RT	823.59	128,161.49	553017.02
1218	1033+96.74	41.93' RT	823.52	128,166.49	553016.97
1219	1034+00.63	46.92' RT	823.61	128,161.53	553020.88
1220	1033+93.82	32.00' RT	823.58	128,176.41	553014.00
1221	1033+93.82	37.00' RT	823.53	128,171.41	553014.03
1222	1034+03.61	47.41' RT	823.71	128,161.05	553023.86
1223	1034+47.16	46.95' RT	824.04	128,161.91	553067.76
1224	1034+51.03	41.96' RT	824.01	128,166.94	553071.56
1225	1034+51.01	46.96' RT	824.08	128,161.94	553071.60
1226	1034+57.02	41.98' RT	824.31	128,166.99	553077.56
1227	1034+57.00	46.98' RT	824.38	128,161.99	553077.60

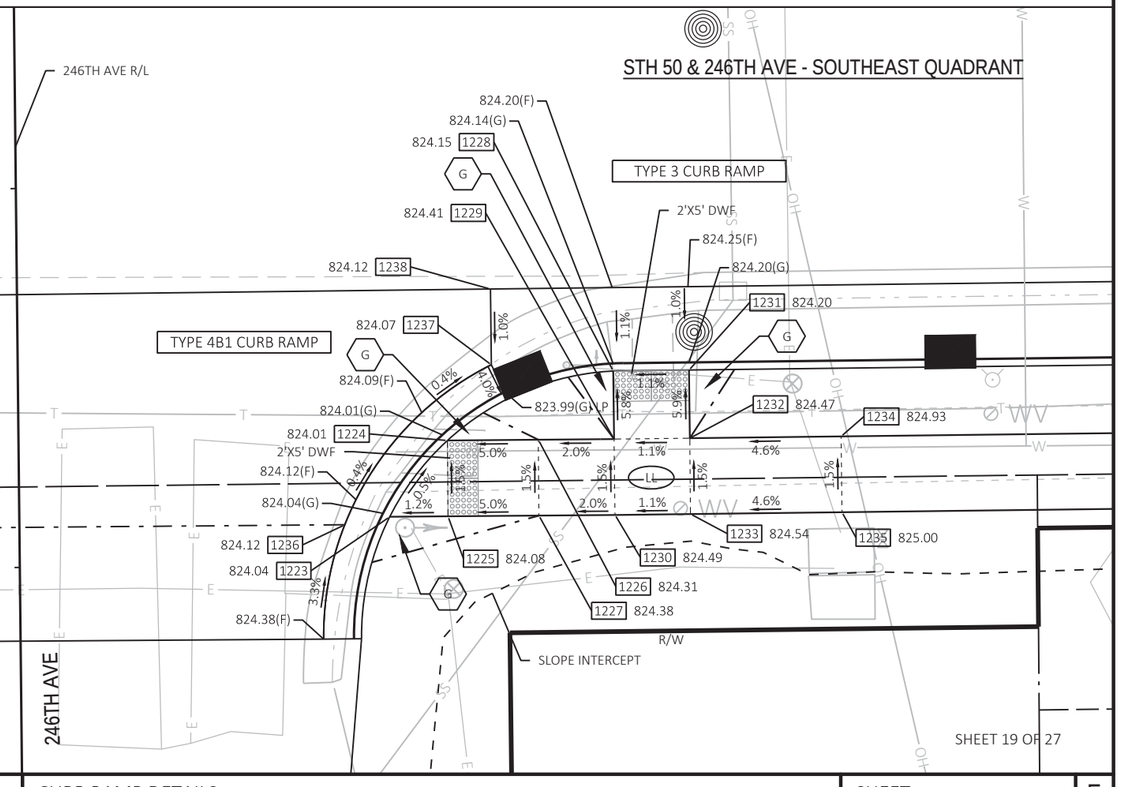
POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1228	1034+62.02	37.51' RT	824.15	128,171.52	553082.50
1229	1034+62.02	42.00' RT	824.41	128,167.04	553082.56
1230	1034+62.02	47.00' RT	824.49	128,162.03	553082.62
1231	1034+67.02	37.51' RT	824.20	128,171.58	553087.50
1232	1034+67.02	42.00' RT	824.47	128,167.10	553087.56
1233	1034+67.01	47.00' RT	824.54	128,162.09	553087.60
1234	1034+77.01	42.00' RT	824.93	128,167.21	553097.54
1235	1034+77.01	47.00' RT	825.00	128,162.21	553097.60
1236	1034+44.19	47.44' RT	824.12	128,161.39	553064.79
1237	1034+53.98	37.00' RT	824.07	128,171.94	553074.46
1238	1034+53.98	32.00' RT	824.12	128,176.94	553074.40
1239	1033+67.56	42.00' RT	823.75	128,166.29	552987.79
1240	1033+67.56	47.00' RT	823.82	128,161.29	552987.81

STH 50 & 246TH AVE - SOUTHWEST QUADRANT



STH 50 & 246TH AVE - SOUTHEAST QUADRANT



SHEET 19 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 123	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 12-246-S

PLOT DATE : 7/29/2021 11:08 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ########

2

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

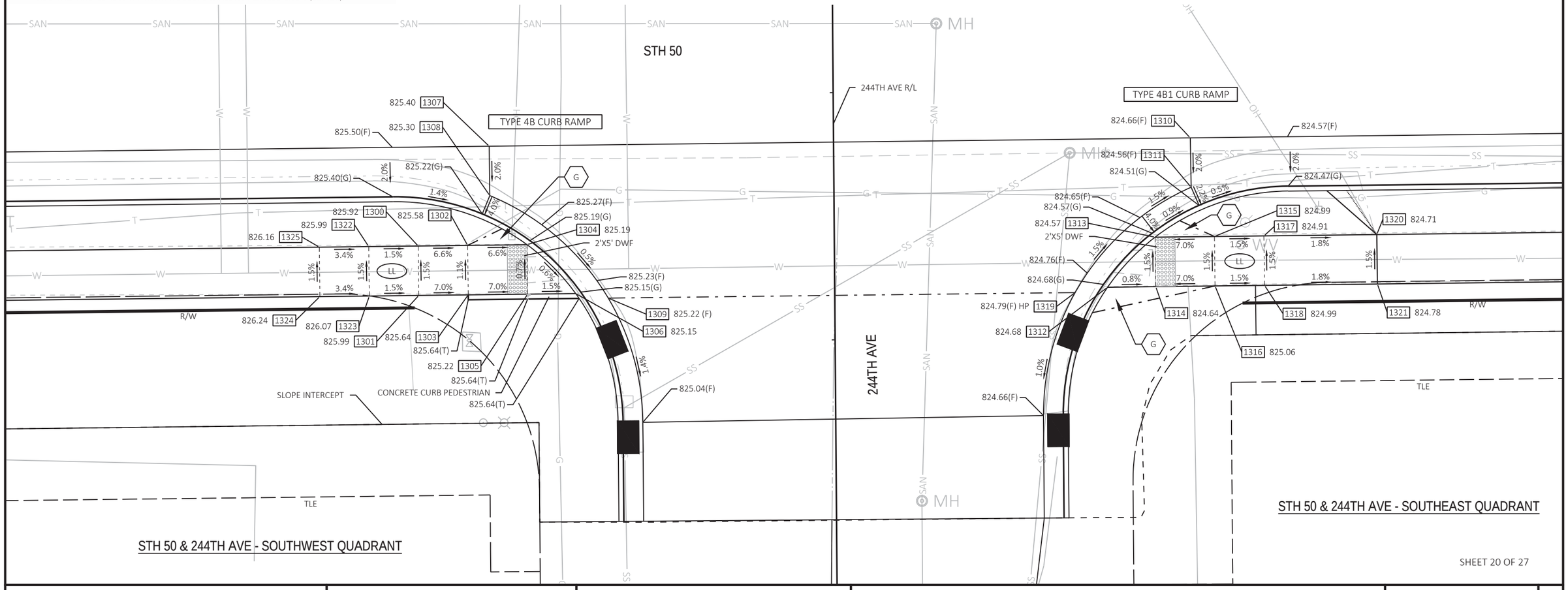
NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1300	1039+66.13	40.00' RT	825.92	128,175.03	553586.60
1301	1039+66.13	45.00' RT	825.99	128,170.04	553586.66
1302	1039+71.13	40.00' RT	825.58	128,175.09	553591.60
1303	1039+71.13	45.00' RT	825.64	128,170.09	553591.66
1304	1039+77.13	40.00' RT	825.19	128,175.17	553597.60
1305	1039+77.13	45.00' RT	825.22	128,170.17	553597.66
1306	1039+81.99	45.00' RT	825.15	128,170.22	553602.52
1307	1039+73.43	30.00' RT	825.40	128,185.12	553593.78
1308	1039+73.43	35.00' RT	825.30	128,180.12	553593.84
1309	1039+85.28	45.50' RT	825.22	128,169.76	553605.82
1310	1040+44.30	30.00' RT	824.66	128,185.96	553664.65
1311	1040+44.33	35.00' RT	824.56	128,180.97	553664.74
1312	1040+35.76	45.00' RT	824.68	128,170.86	553656.29

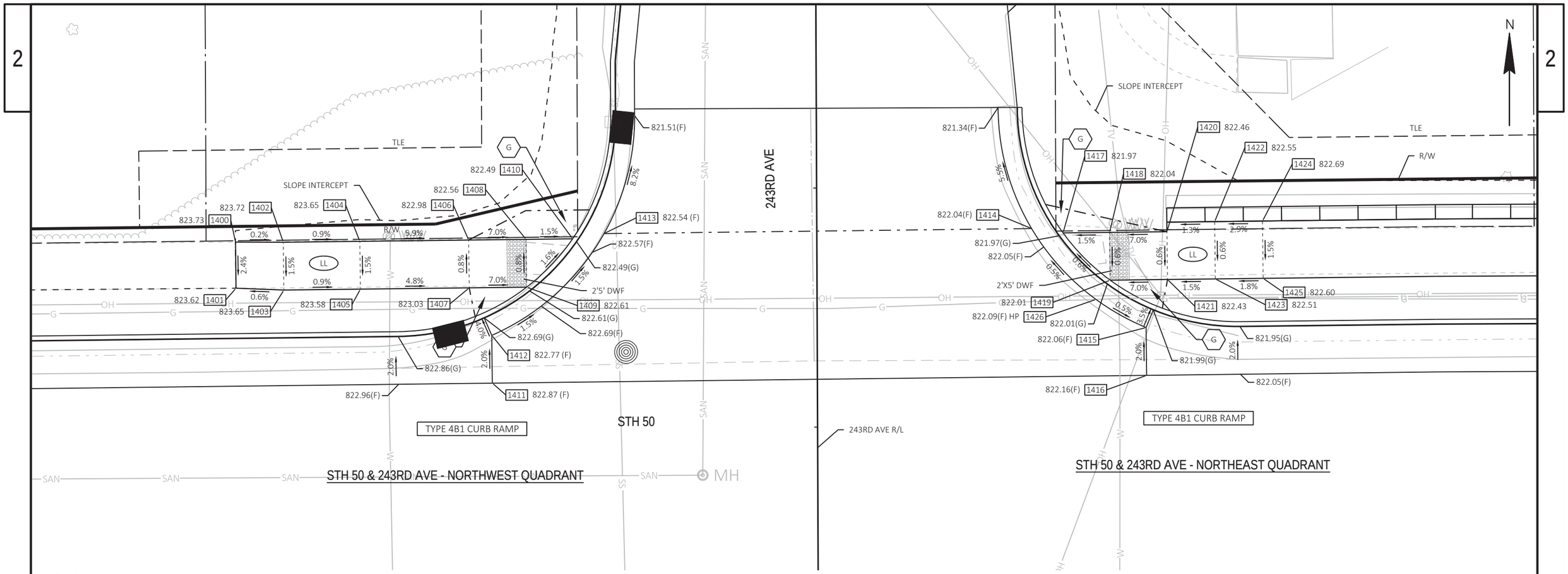
POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1313	1040+40.63	40.00' RT	824.57	128,175.92	553661.10
1314	1040+40.63	45.00' RT	824.64	128,170.92	553661.16
1315	1040+46.63	40.00' RT	824.99	128,175.99	553667.10
1316	1040+46.63	45.00' RT	825.06	128,170.99	553667.16
1317	1040+51.63	40.00' RT	824.91	128,176.05	553672.10
1318	1040+51.63	45.00' RT	824.99	128,171.05	553672.16
1319	1040+32.48	45.50' RT	824.79	128,170.32	553653.01
1320	1040+63.04	40.00' RT	824.71	128,176.19	553683.50
1321	1040+63.04	45.00' RT	824.78	128,171.19	553683.56
1322	1039+61.13	40.00' RT	825.99	128,174.98	553581.60
1323	1039+61.13	45.00' RT	826.07	128,169.98	553581.66
1324	1039+56.13	45.00' RT	826.24	128,169.92	553576.66
1325	1039+56.13	40.00' RT	826.16	128,174.92	553576.60



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 124	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 13-244
PLOT DATE : 7/29/2021 11:08 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ########



LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
(LL)	LEVEL LANDING
[100]	POINT NUMBER
– – –	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
(MEF)	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1400	1042+55.00	45.07' LT	823.73	128,263.54	553874.44
1401	1042+54.99	40.25' LT	823.62	128,258.71	553874.49
1402	1042+60.00	45.00' LT	823.72	128,263.53	553879.44
1403	1042+60.00	40.00' LT	823.65	128,258.53	553879.50
1404	1042+68.00	45.00' LT	823.65	128,263.62	553887.44
1405	1042+68.00	40.00' LT	823.58	128,258.62	553887.50
1406	1042+79.38	45.00' LT	822.98	128,263.76	553898.82
1407	1042+79.38	40.00' LT	823.03	128,258.76	553898.88
1408	1042+85.38	45.00' LT	822.56	128,263.83	553904.82

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1409	1042+85.38	40.00' LT	822.61	128,258.83	553904.88
1410	1042+90.24	45.00' LT	822.49	128,263.89	553909.68
1411	1042+81.68	30.00' LT	822.87	128,248.78	553901.30
1412	1042+81.68	35.00' LT	822.77	128,253.78	553901.24
1413	1042+93.53	45.50' LT	822.54	128,264.42	553912.96
1414	1043+38.23	45.50' LT	822.04	128,264.96	553957.66
1415	1043+50.08	35.00' LT	822.06	128,254.60	553969.64
1416	1043+50.08	30.00' LT	822.16	128,249.60	553969.70
1417	1043+41.52	45.00' LT	821.97	128,264.50	553960.95

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1418	1043+46.38	45.00' LT	822.04	128,264.55	553965.82
1419	1043+46.38	40.00' LT	822.01	128,259.55	553965.88
1420	1043+52.38	45.00' LT	822.46	128,264.63	553971.82
1421	1043+52.38	40.00' LT	822.43	128,259.63	553971.88
1422	1043+57.38	46.00' LT	822.55	128,265.68	553976.81
1423	1043+57.38	40.00' LT	822.51	128,259.69	553976.88
1424	1043+62.38	45.99' LT	822.69	128,265.73	553981.81
1425	1043+62.38	40.00' LT	822.60	128,259.74	553981.88
1426	1043+44.88	38.00' LT	822.09	128,257.54	553964.40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 125	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 14-243
PLOT DATE : 7/29/2021 11:08 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

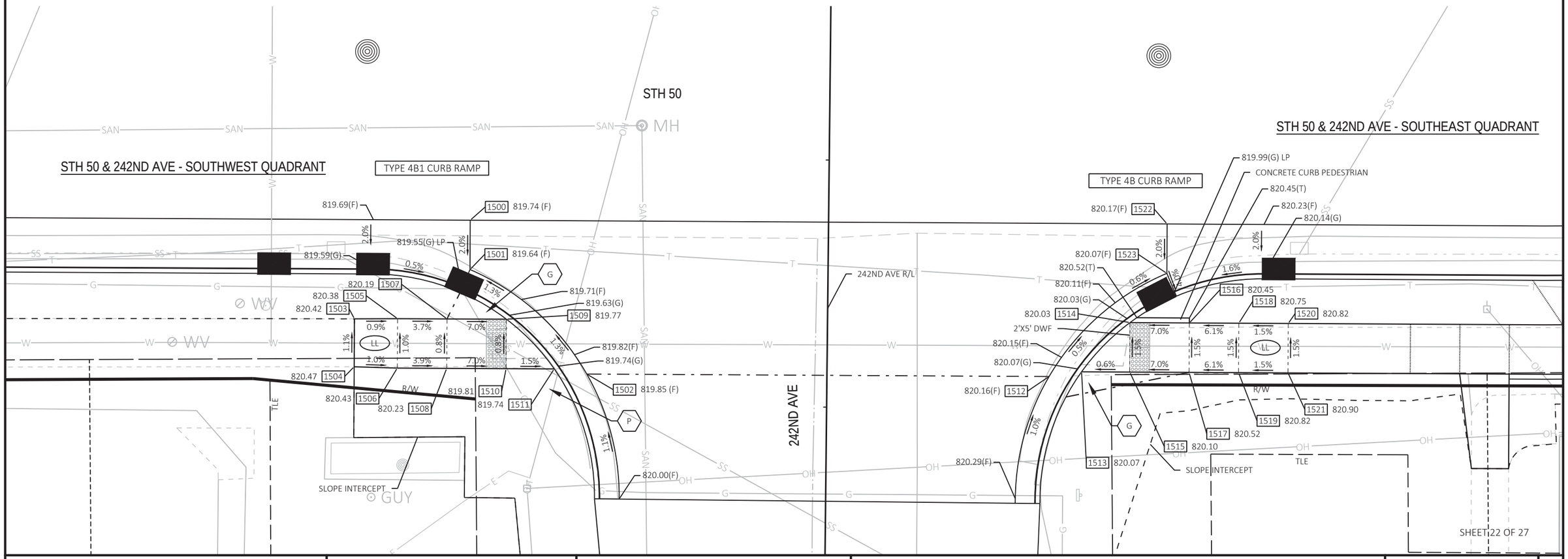
POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1500	1046+60.32	30.91' RT	819.74	128,190.34	554280.43
1501	1046+60.27	35.91' RT	819.64	128,185.34	554280.40
1502	1046+72.02	46.53' RT	819.85	128,174.77	554292.20
1503	1046+48.57	40.84' RT	820.42	128,180.36	554268.72
1504	1046+48.52	45.69' RT	820.47	128,175.51	554268.70
1505	1046+52.93	40.84' RT	820.38	128,180.38	554273.08
1506	1046+52.88	45.84' RT	820.43	128,175.38	554273.05
1507	1046+57.93	40.89' RT	820.19	128,180.35	554278.08
1508	1046+57.88	45.89' RT	820.23	128,175.35	554278.05
1509	1046+63.92	40.95' RT	819.77	128,180.32	554284.08
1510	1046+63.87	45.95' RT	819.81	128,175.32	554284.05
1511	1046+68.74	46.00' RT	819.74	128,175.29	554288.92

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1512	1047+18.76	47.00' RT	820.16	128,174.52	554338.94
1513	1047+22.05	46.53' RT	820.07	128,175.00	554342.23
1514	1047+26.96	41.58' RT	820.03	128,179.98	554347.12
1515	1047+26.91	46.58' RT	820.10	128,174.98	554347.09
1516	1047+32.96	41.64' RT	820.45	128,179.95	554353.12
1517	1047+32.91	46.64' RT	820.52	128,174.95	554353.09
1518	1047+37.96	41.69' RT	820.75	128,179.92	554358.12
1519	1047+37.91	46.69' RT	820.82	128,174.92	554358.09
1520	1047+42.96	41.74' RT	820.82	128,179.89	554363.12
1521	1047+42.91	46.74' RT	820.90	128,174.89	554363.09
1522	1047+30.77	31.62' RT	820.17	128,189.96	554350.88
1523	1047+30.72	36.62' RT	820.07	128,184.96	554350.85

N



SHEET 22 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 126	E

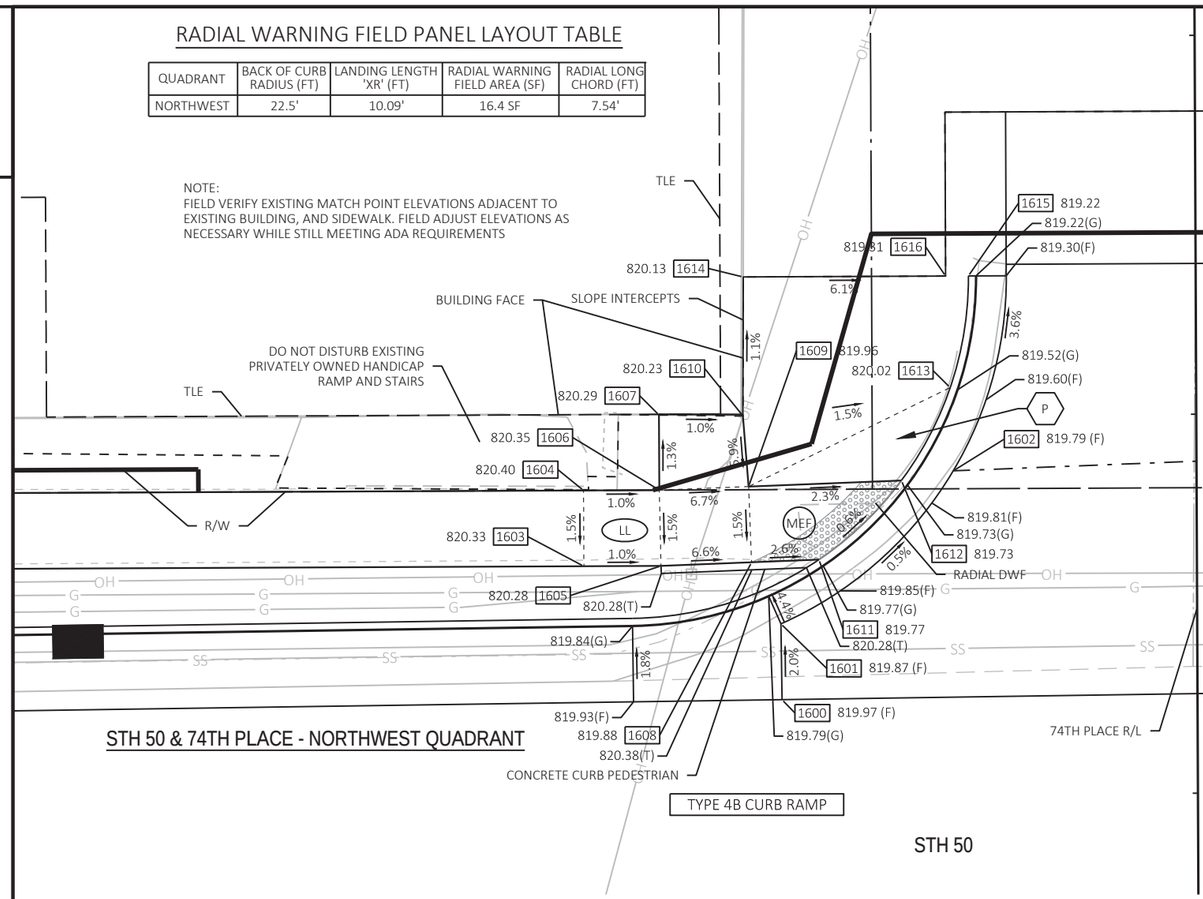
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 15-242-S

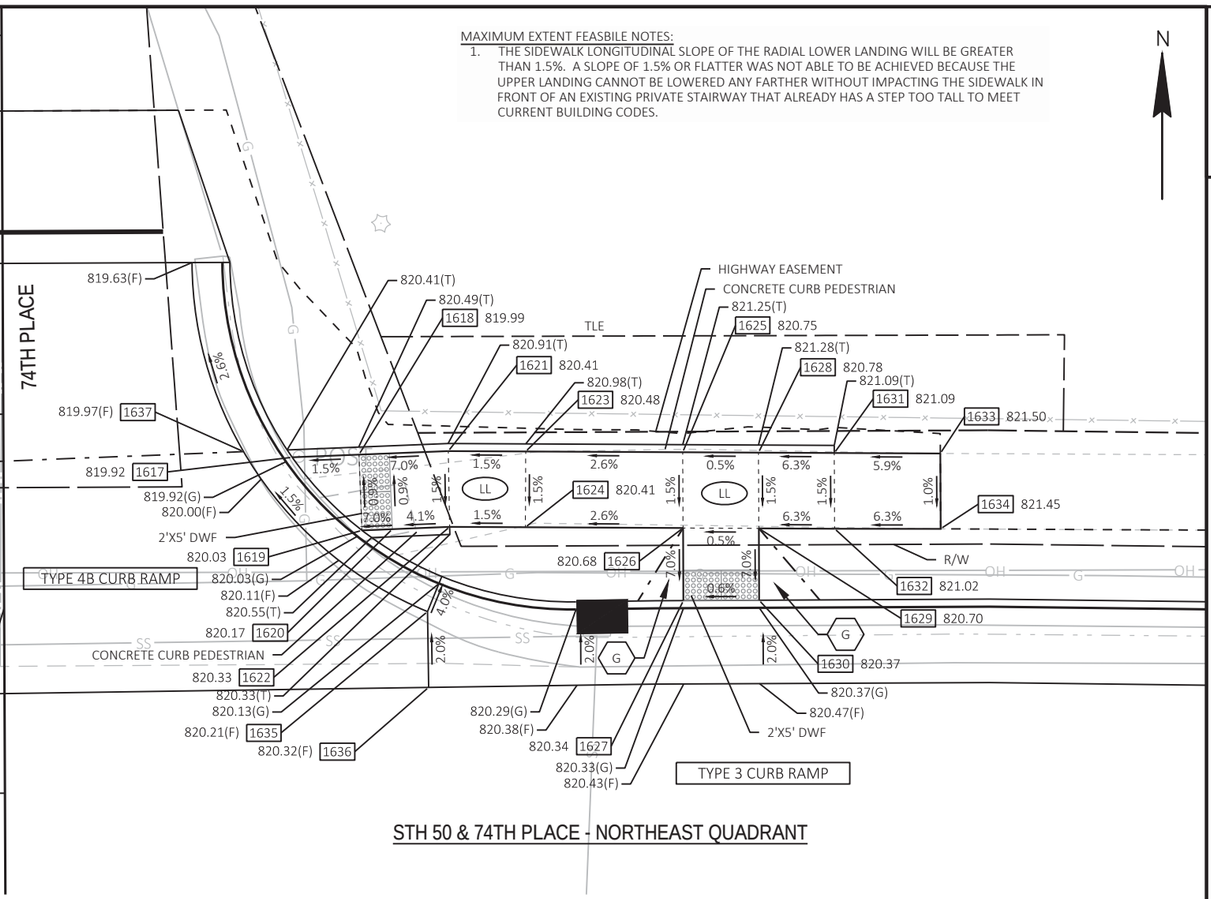
PLOT DATE : 7/29/2021 11:09 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########

RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
NORTHWEST	22.5'	10.09'	16.4 SF	7.54'

NOTE:
FIELD VERIFY EXISTING MATCH POINT ELEVATIONS ADJACENT TO EXISTING BUILDING, AND SIDEWALK. FIELD ADJUST ELEVATIONS AS NECESSARY WHILE STILL MEETING ADA REQUIREMENTS





MAXIMUM EXTENT FEASBILE NOTES:
1. THE SIDEWALK LONGITUDINAL SLOPE OF THE RADIAL LOWER LANDING WILL BE GREATER THAN 1.5%. A SLOPE OF 1.5% OR FLATTER WAS NOT ABLE TO BE ACHIEVED BECAUSE THE UPPER LANDING CANNOT BE LOWERED ANY FARTHER WITHOUT IMPACTING THE SIDEWALK IN FRONT OF AN EXISTING PRIVATE STAIRWAY THAT ALREADY HAS A STEP TOO TALL TO MEET CURRENT BUILDING CODES.

N

LEGEND

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1600	1046+98.45	31.30' LT	819.97	128,252.72	554318.28
1601	1046+98.40	36.30' LT	819.87	128,257.72	554318.20
1602	1047+09.82	46.34' LT	819.79	128,267.82	554329.57
1603	1046+85.42	40.16' LT	820.33	128,261.53	554305.20
1604	1046+85.42	45.16' LT	820.40	128,266.53	554305.18
1605	1046+90.51	40.16' LT	820.28	128,261.55	554310.29
1606	1046+90.42	45.16' LT	820.35	128,266.55	554310.18
1607	1046+90.42	50.11' LT	820.29	128,271.50	554310.15
1608	1046+96.48	40.37' LT	819.88	128,261.79	554316.26
1609	1046+96.31	45.36' LT	819.96	128,266.78	554316.07
1610	1046+95.97	50.02' LT	820.23	128,271.43	554315.70
1611	1047+00.93	40.52' LT	819.77	128,261.96	554320.71
1612	1047+06.39	45.72' LT	819.73	128,267.18	554326.15

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1613	1047+09.64	51.84' LT	820.02	128,273.31	554329.37
1614	1046+96.02	59.20' LT	820.13	128,280.61	554315.72
1615	1047+10.88	59.19' LT	819.22	128,280.68	554330.57
1616	1047+09.38	59.19' LT	819.31	128,280.67	554329.07
1617	1047+44.93	47.07' LT	819.92	128,268.71	554364.67
1618	1047+49.33	47.23' LT	819.99	128,268.89	554369.08
1619	1047+49.51	42.23' LT	820.03	128,263.89	554369.28
1620	1047+51.51	42.30' LT	820.17	128,263.97	554371.28
1621	1047+55.23	47.43' LT	820.41	128,269.12	554374.98
1622	1047+55.29	42.43' LT	820.33	128,264.12	554375.06
1623	1047+60.34	47.38' LT	820.48	128,269.10	554380.09
1624	1047+60.29	42.38' LT	820.41	128,264.10	554380.06
1625	1047+70.70	47.29' LT	820.75	128,269.05	554390.44

POINT TABLE

POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1626	1047+70.70	42.29' LT	820.68	128,264.05	554390.47
1627	1047+70.70	37.50' LT	820.34	128,259.26	554390.49
1628	1047+75.70	47.24' LT	820.78	128,269.02	554395.45
1629	1047+75.70	42.24' LT	820.70	128,264.02	554395.47
1630	1047+75.70	37.50' LT	820.37	128,259.28	554395.49
1631	1047+80.70	47.19' LT	821.09	128,269.00	554400.45
1632	1047+80.70	42.19' LT	821.02	128,264.00	554400.47
1633	1047+87.70	47.13' LT	821.50	128,268.97	554407.44
1634	1047+87.70	42.15' LT	821.45	128,263.99	554407.47
1635	1047+53.81	36.85' LT	820.21	128,258.53	554373.60
1636	1047+53.86	31.85' LT	820.32	128,253.53	554373.68
1637	1047+41.72	47.46' LT	819.97	128,269.08	554361.47

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 127	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 16-74
PLOT DATE : 7/29/2021 11:09 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

NOTES:
1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

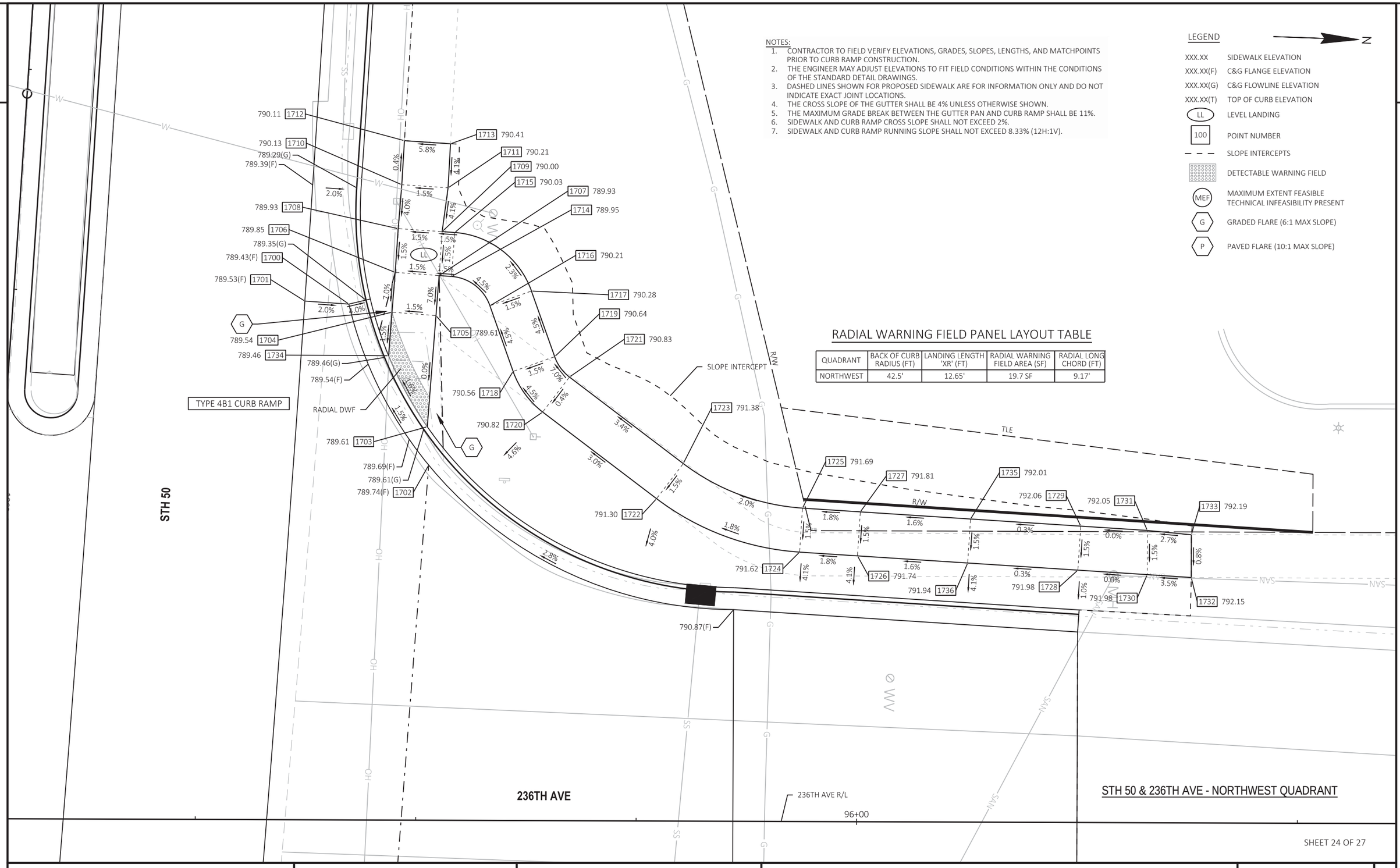
LEGEND

N

XXX.XX	SIDEWALK ELEVATION
XXX.XX(F)	C&G FLANGE ELEVATION
XXX.XX(G)	C&G FLOWLINE ELEVATION
XXX.XX(T)	TOP OF CURB ELEVATION
LL	LEVEL LANDING
100	POINT NUMBER
- - -	SLOPE INTERCEPTS
	DETECTABLE WARNING FIELD
MEF	MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
G	GRADED FLARE (6:1 MAX SLOPE)
P	PAVED FLARE (10:1 MAX SLOPE)

RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
NORTHWEST	42.5'	12.65'	19.7 SF	9.17'



SHEET 24 OF 27

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 128	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 17-236-NW
PLOT DATE : 7/29/2021 11:09 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########

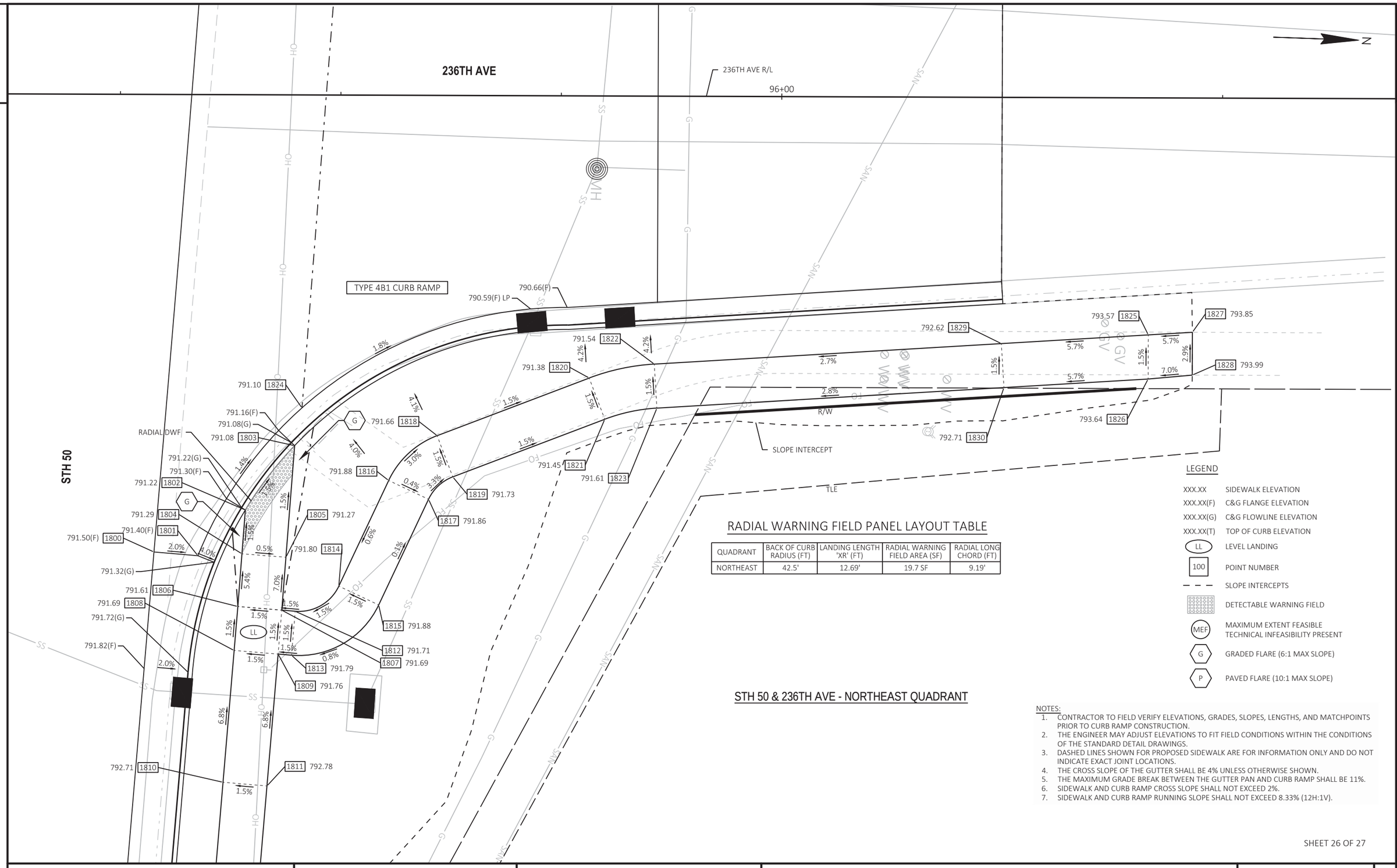
WISDOT/CADDS SHEET 42

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1700	1061+74.08	38.00' LT	789.43	128,243.09	555795.21
1701	1061+74.08	33.00' LT	789.53	128,238.09	555795.04
1702	1061+91.54	48.31' LT	789.74	128,252.78	555813.15
1703	1061+87.24	47.84' LT	789.61	128,252.46	555808.81
1704	1061+74.66	42.95' LT	789.54	128,248.02	555795.96
1705	1061+74.70	47.94' LT	789.61	128,253.01	555796.17
1706	1061+70.16	43.00' LT	789.85	128,248.21	555791.44
1707	1061+70.19	47.99' LT	789.93	128,253.20	555791.62
1708	1061+65.23	43.00' LT	789.93	128,248.38	555786.47
1709	1061+65.23	48.00' LT	790.00	128,253.38	555786.63
1710	1061+60.27	43.08' LT	790.13	128,248.61	555781.47
1711	1061+60.27	48.34' LT	790.21	128,253.88	555781.64
1712	1061+55.31	43.05' LT	790.11	128,248.74	555776.47

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1713	1061+55.31	48.29' LT	790.41	128,253.98	555776.64
1714	1061+70.19	49.40' LT	789.95	128,254.61	555791.68
1715	1061+65.24	49.43' LT	790.03	128,254.80	555786.68
1716	1061+73.18	53.97' LT	790.21	128,259.08	555794.84
1717	1061+71.22	58.56' LT	790.28	128,263.73	555793.01
1718	1061+80.36	57.11' LT	790.56	128,261.97	555802.19
1719	1061+78.39	61.70' LT	790.64	128,266.62	555800.36
1720	1061+84.68	60.78' LT	790.82	128,265.48	555806.68
1721	1061+80.55	63.53' LT	790.83	128,268.38	555802.61
1722	1061+93.46	74.36' LT	791.30	128,278.73	555816.05
1723	1061+89.33	77.09' LT	791.38	128,281.62	555811.97
1724	1061+98.26	90.98' LT	791.62	128,295.16	555821.54
1725	1061+93.34	90.94' LT	791.69	128,295.31	555816.54

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1726	1061+98.21	97.55' LT	791.74	128,301.73	555821.74
1727	1061+93.29	97.52' LT	791.81	128,301.88	555816.74
1728	1061+98.01	122.60' LT	791.98	128,326.77	555822.49
1729	1061+93.12	122.56' LT	792.06	128,326.92	555817.49
1730	1061+97.95	130.48' LT	791.98	128,334.64	555822.72
1731	1061+93.06	130.13' LT	792.05	128,334.48	555817.71
1732	1061+97.91	135.49' LT	792.15	128,339.65	555822.87
1733	1061+93.19	135.15' LT	792.19	128,339.49	555818.03
1734	1061+79.58	42.90' LT	789.46	128,247.80	555800.92
1735	1061+93.20	110.04' LT	792.01	128,314.40	555817.11
1736	1061+98.11	110.08' LT	791.94	128,314.25	555822.11

CURB RAMP POINTS - STH 50 & 236TH AVE - NORTHWEST QUADRANT



RADIAL WARNING FIELD PANEL LAYOUT TABLE

QUADRANT	BACK OF CURB RADIUS (FT)	LANDING LENGTH 'XR' (FT)	RADIAL WARNING FIELD AREA (SF)	RADIAL LONG CHORD (FT)
NORTHEAST	42.5'	12.69'	19.7 SF	9.19'

STH 50 & 236TH AVE - NORTHEAST QUADRANT

LEGEND

- XXX.XX — SIDEWALK ELEVATION
- XXX.XX(F) — C&G FLANGE ELEVATION
- XXX.XX(G) — C&G FLOWLINE ELEVATION
- XXX.XX(T) — TOP OF CURB ELEVATION
- LL — LEVEL LANDING
- 100 — POINT NUMBER
- SLOPE INTERCEPTS
- DETECTABLE WARNING FIELD
- MEF — MAXIMUM EXTENT FEASIBLE TECHNICAL INFEASIBILITY PRESENT
- G — GRADED FLARE (6:1 MAX SLOPE)
- P — PAVED FLARE (10:1 MAX SLOPE)

NOTES:

1. CONTRACTOR TO FIELD VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND MATCHPOINTS PRIOR TO CURB RAMP CONSTRUCTION.
2. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS WITHIN THE CONDITIONS OF THE STANDARD DETAIL DRAWINGS.
3. DASHED LINES SHOWN FOR PROPOSED SIDEWALK ARE FOR INFORMATION ONLY AND DO NOT INDICATE EXACT JOINT LOCATIONS.
4. THE CROSS SLOPE OF THE GUTTER SHALL BE 4% UNLESS OTHERWISE SHOWN.
5. THE MAXIMUM GRADE BREAK BETWEEN THE GUTTER PAN AND CURB RAMP SHALL BE 11%.
6. SIDEWALK AND CURB RAMP CROSS SLOPE SHALL NOT EXCEED 2%.
7. SIDEWALK AND CURB RAMP RUNNING SLOPE SHALL NOT EXCEED 8.33% (12H:1V).

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 130	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 18-236-NE
PLOT DATE : 7/29/2021 11:09 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1800	1062+84.60	33.00' LT	791.50	128,233.32	555905.98
1801	1062+84.60	38.00' LT	791.40	128,238.32	555906.23
1802	1062+78.98	42.93' LT	791.22	128,243.51	555900.86
1803	1062+71.24	47.88' LT	791.08	128,248.84	555893.37
1804	1062+83.97	42.96' LT	791.29	128,243.30	555905.84
1805	1062+83.94	47.96' LT	791.27	128,248.30	555906.05
1806	1062+89.97	43.00' LT	791.61	128,243.04	555911.83
1807	1062+89.95	47.98' LT	791.69	128,248.02	555912.06
1808	1062+94.97	43.00' LT	791.69	128,242.80	555916.83
1809	1062+94.95	48.00' LT	791.76	128,247.79	555917.06
1810	1063+09.97	43.00' LT	792.71	128,242.06	555931.81

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1811	1063+09.97	48.00' LT	792.78	128,247.05	555932.06
1812	1062+89.95	49.53' LT	791.71	128,249.56	555912.14
1813	1062+94.95	49.53' LT	791.79	128,249.32	555917.13
1814	1062+86.70	54.21' LT	791.80	128,254.40	555909.12
1815	1062+88.44	58.90' LT	791.88	128,259.00	555911.10
1816	1062+74.28	58.84' LT	791.88	128,259.64	555896.95
1817	1062+76.02	63.52' LT	791.86	128,264.23	555898.92
1818	1062+68.75	63.89' LT	791.66	128,264.96	555891.68
1819	1062+73.26	66.05' LT	791.73	128,266.89	555896.29
1820	1062+60.84	80.52' LT	791.38	128,281.96	555884.54
1821	1062+65.30	82.68' LT	791.45	128,283.89	555889.15

POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	y	X
1822	1062+58.68	87.75' LT	791.54	128,289.29	555882.71
1823	1062+63.55	88.46' LT	791.61	128,289.75	555887.68
1824	1062+66.90	48.35' LT	791.10	128,249.53	555889.06
1825	1062+50.91	143.31' LT	793.57	128,345.16	555877.44
1826	1062+55.78	143.70' LT	793.64	128,345.32	555882.45
1827	1062+50.22	148.27' LT	793.85	128,350.15	555876.97
1828	1062+54.94	148.65' LT	793.99	128,350.30	555881.82
1829	1062+53.20	126.78' LT	792.62	128,328.54	555879.00
1830	1062+58.04	127.49' LT	792.71	128,329.01	555883.98

CURB RAMP POINTS - STH 50 & 236TH AVE - NORTHEAST QUADRANT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CURB RAMP DETAILS	SHEET 131	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\021301_CR.DWG
LAYOUT NAME - 18-236-NE Tables
PLOT DATE : 7/29/2021 11:09 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

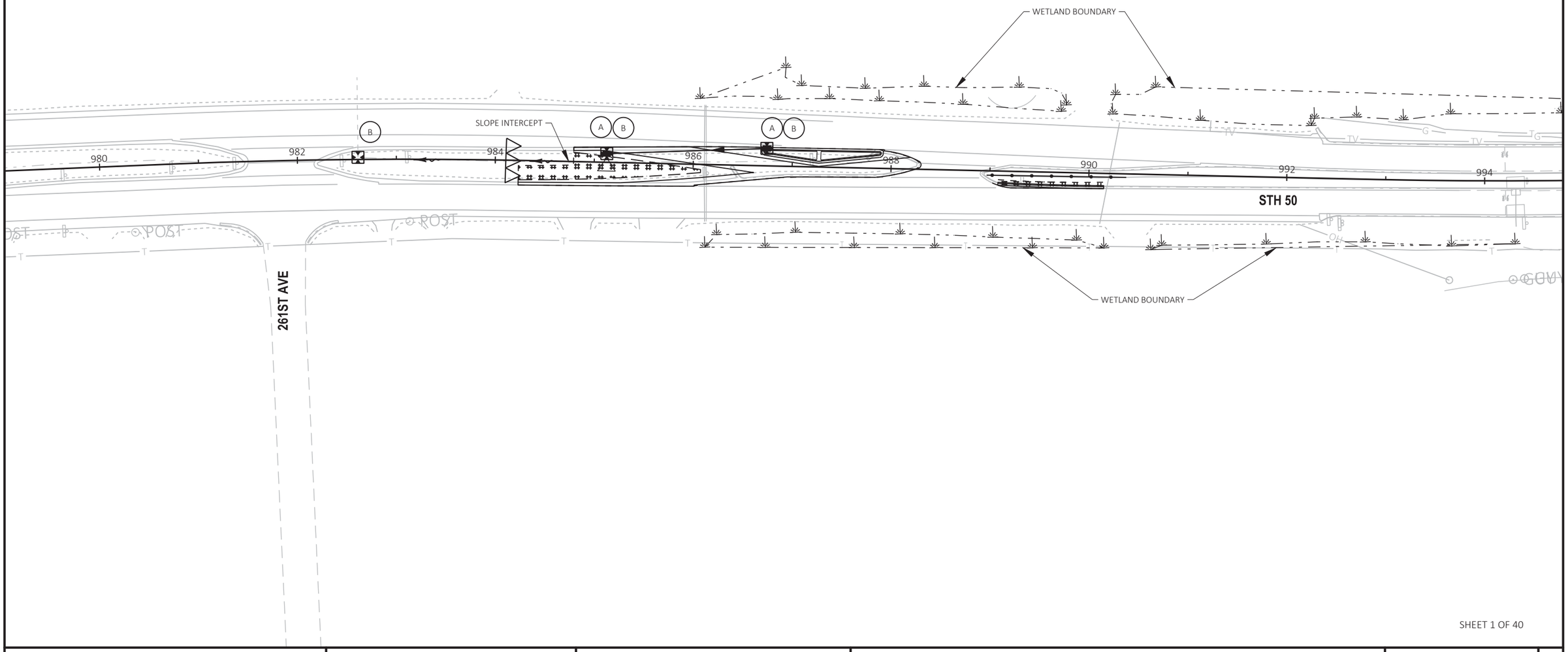
LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
3. ALL RESTORATION SHALL BE TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B UNLESS OTHERWISE SHOWN ON THE EROSION CONTROL PLANS. WHEN EROSION MAT IS SHOWN IN THE EROSION CONTROL PLANS RESTORATION SHALL BE TOPSOIL, SEED MIXTURE NO. 30, AND FERTILIZER TYPE B UNLESS ANOTHER SEED MIXTURE IS IDENTIFIED IN THE PLANS.
4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N



SHEET 1 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1A	SHEET 132	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022001_EC_S1A.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 8:29 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

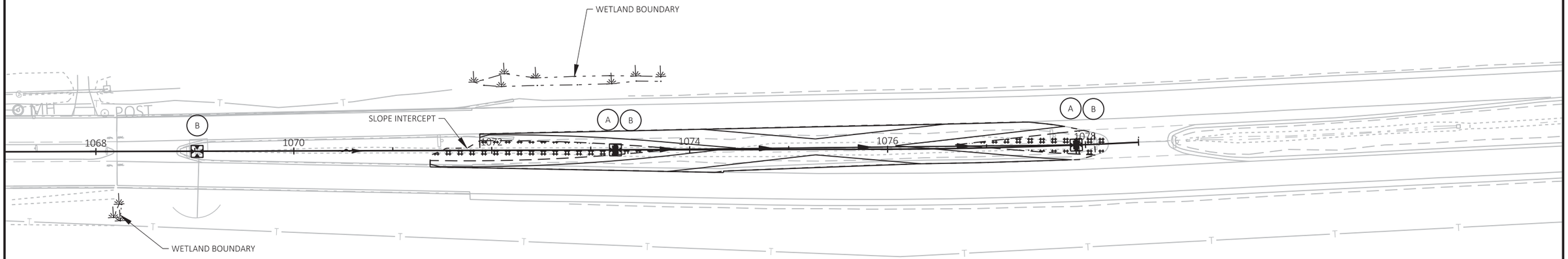
LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
3. ALL RESTORATION SHALL BE TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B UNLESS OTHERWISE SHOWN ON THE EROSION CONTROL PLANS. WHEN EROSION MAT IS SHOWN IN THE EROSION CONTROL PLANS RESTORATION SHALL BE TOPSOIL, SEED MIXTURE NO. 30, AND FERTILIZER TYPE B UNLESS ANOTHER SEED MIXTURE IS IDENTIFIED IN THE PLANS.
4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N



SHEET 2 OF 40

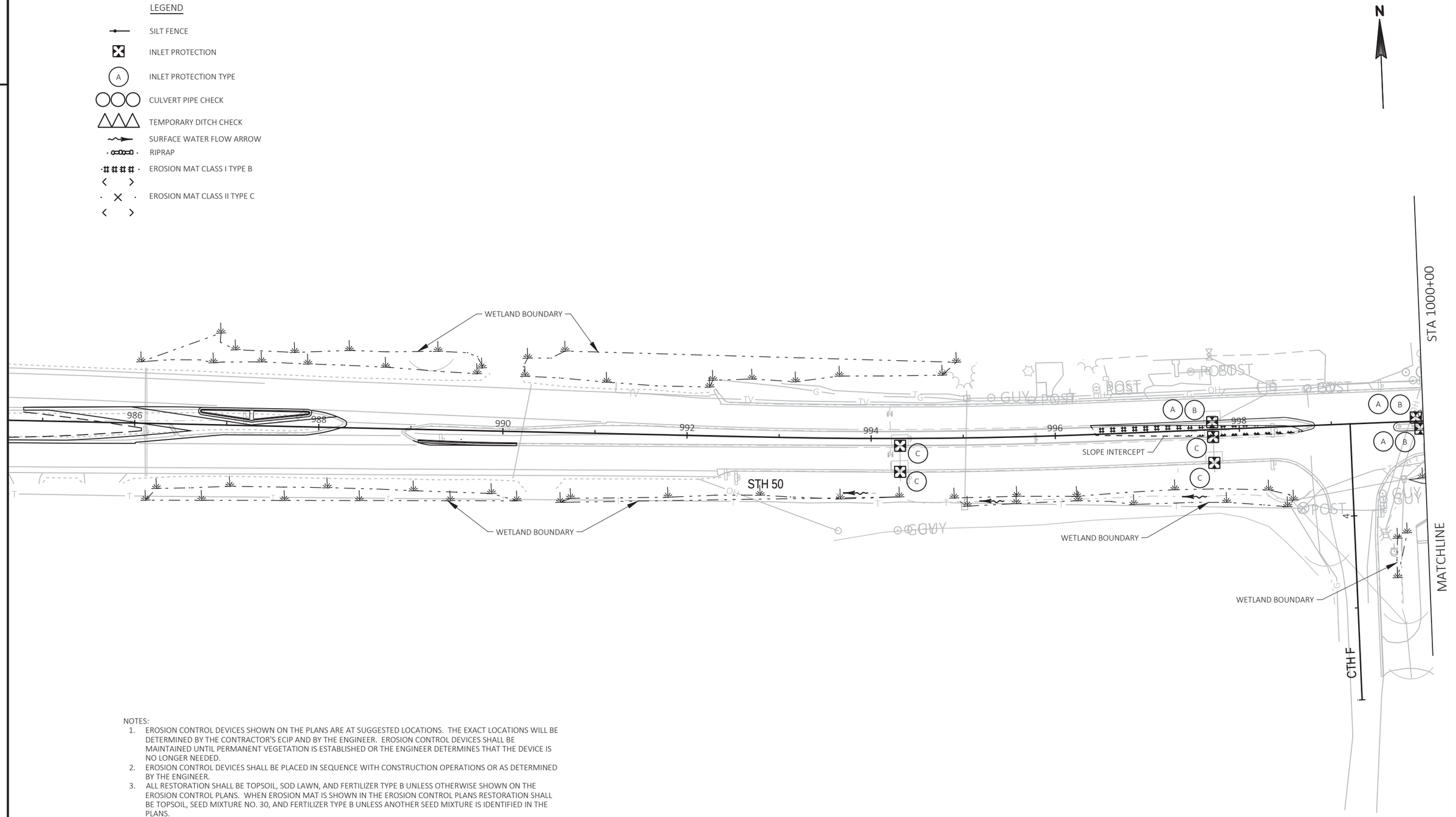
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1A	SHEET 133	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022001_EC_S1A.DWG
LAYOUT NAME - 09
PLOT DATE : 7/30/2021 8:29 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C



NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
3. ALL RESTORATION SHALL BE TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B UNLESS OTHERWISE SHOWN ON THE EROSION CONTROL PLANS. WHEN EROSION MAT IS SHOWN IN THE EROSION CONTROL PLANS RESTORATION SHALL BE TOPSOIL, SEED MIXTURE NO. 30, AND FERTILIZER TYPE B UNLESS ANOTHER SEED MIXTURE IS IDENTIFIED IN THE PLANS.
4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1B	SHEET 134	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022002_EC_S1B.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 8:30 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 75

STH 50

STH 83

WETLAND BOUNDARY

SLOPE INTERCEPT

SLOPE INTERCEPT

WETLAND BOUNDARY

SLOPE INTERCEPT

SLOPE INTERCEPT

WETLAND BOUNDARY

1002 1004 1006 1008 1010 1012 1014

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
3. ALL RESTORATION SHALL BE TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B UNLESS OTHERWISE SHOWN ON THE EROSION CONTROL PLANS. WHEN EROSION MAT IS SHOWN IN THE EROSION CONTROL PLANS RESTORATION SHALL BE TOPSOIL, SEED MIXTURE NO. 30, AND FERTILIZER TYPE B UNLESS ANOTHER SEED MIXTURE IS IDENTIFIED IN THE PLANS.
4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

SHEET 4 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1B	SHEET 135	E

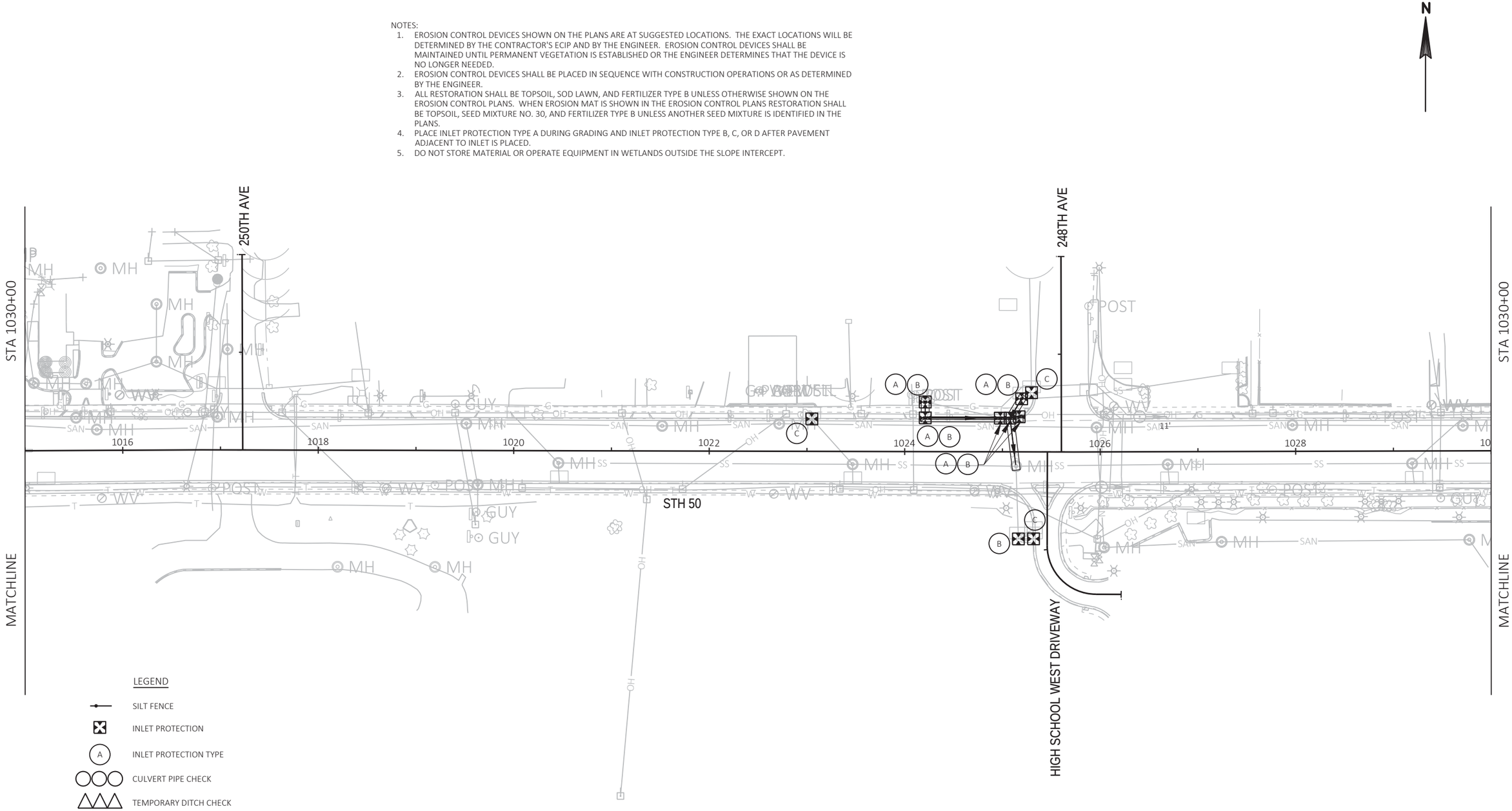
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022002_EC_S1B.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 8:30 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
3. ALL RESTORATION SHALL BE TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B UNLESS OTHERWISE SHOWN ON THE EROSION CONTROL PLANS. WHEN EROSION MAT IS SHOWN IN THE EROSION CONTROL PLANS RESTORATION SHALL BE TOPSOIL, SEED MIXTURE NO. 30, AND FERTILIZER TYPE B UNLESS ANOTHER SEED MIXTURE IS IDENTIFIED IN THE PLANS.
4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.



LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

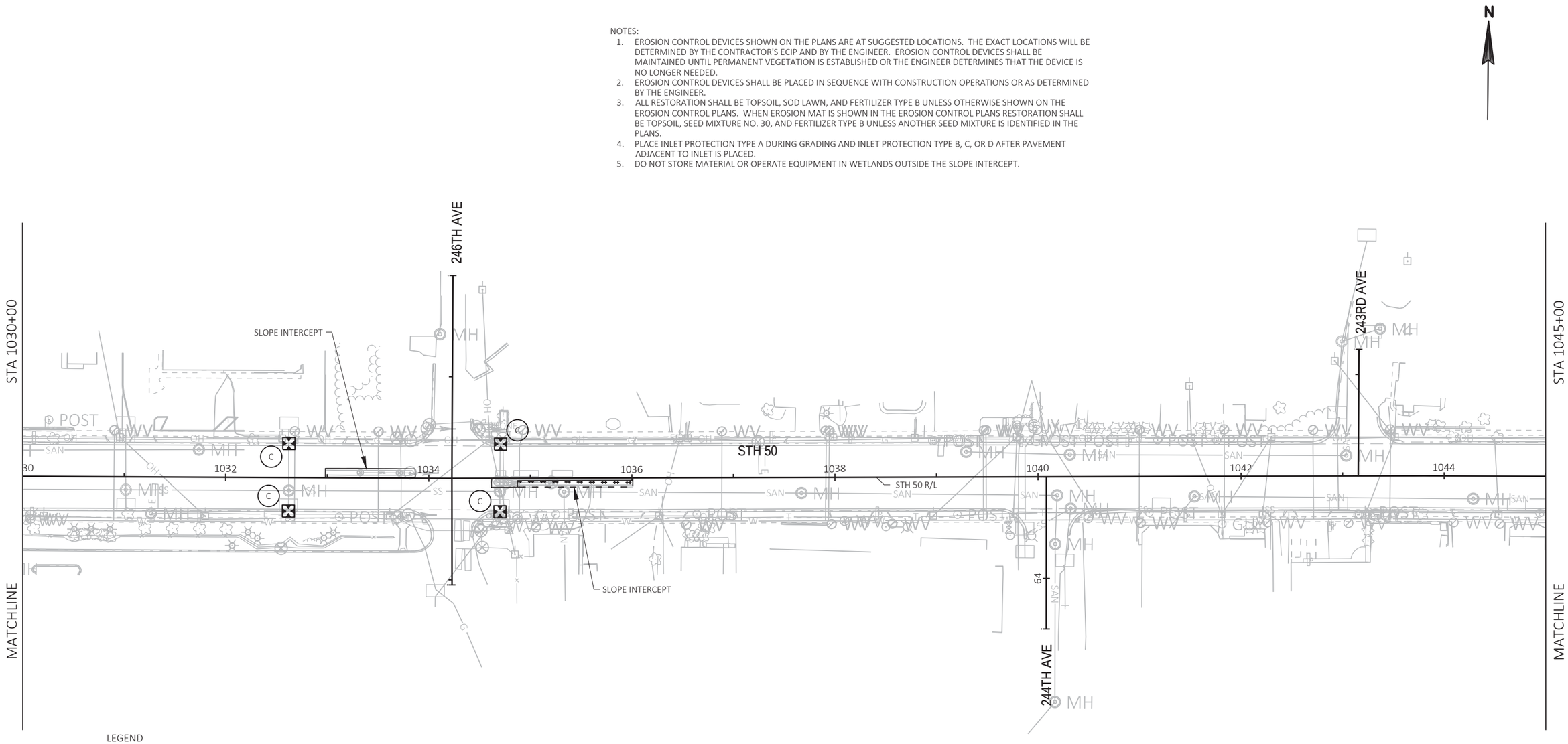
SHEET 5 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1B	SHEET 136	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022002_EC_S1B.DWG
LAYOUT NAME - 03
PLOT DATE : 7/30/2021 8:30 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
2. EROSION CONTROL DEVICES SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.
3. ALL RESTORATION SHALL BE TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B UNLESS OTHERWISE SHOWN ON THE EROSION CONTROL PLANS. WHEN EROSION MAT IS SHOWN IN THE EROSION CONTROL PLANS RESTORATION SHALL BE TOPSOIL, SEED MIXTURE NO. 30, AND FERTILIZER TYPE B UNLESS ANOTHER SEED MIXTURE IS IDENTIFIED IN THE PLANS.
4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.



LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

SHEET 6 OF 40

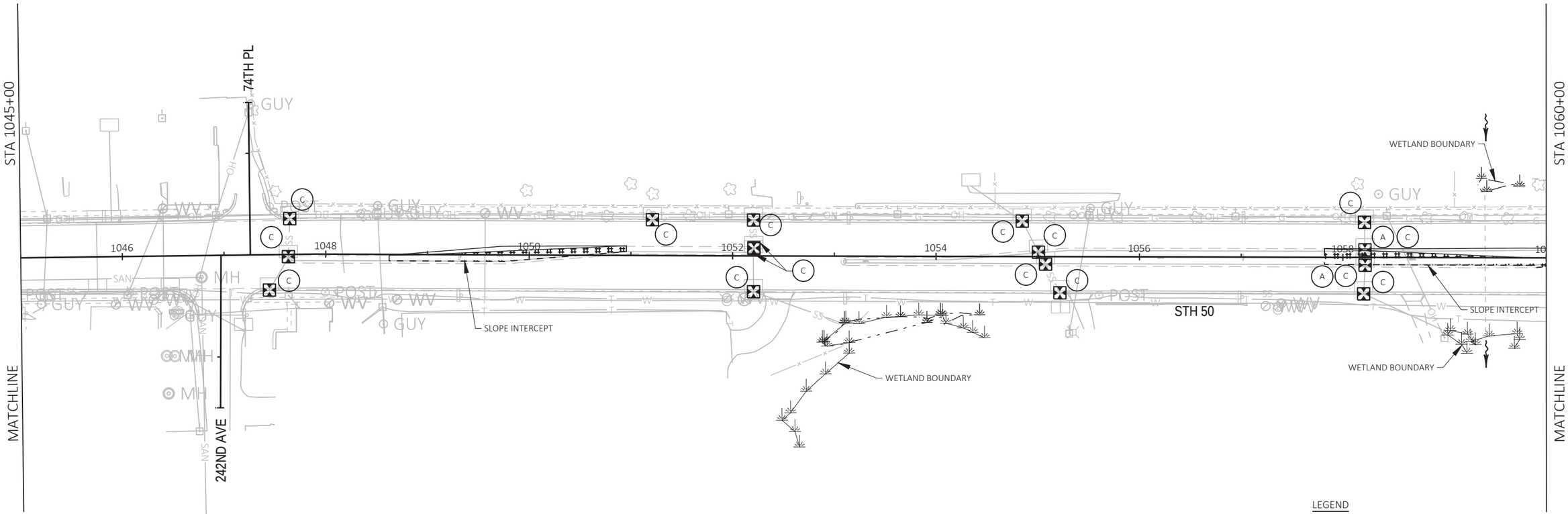
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1B	SHEET 137	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022002_EC_S1B.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 8:30 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

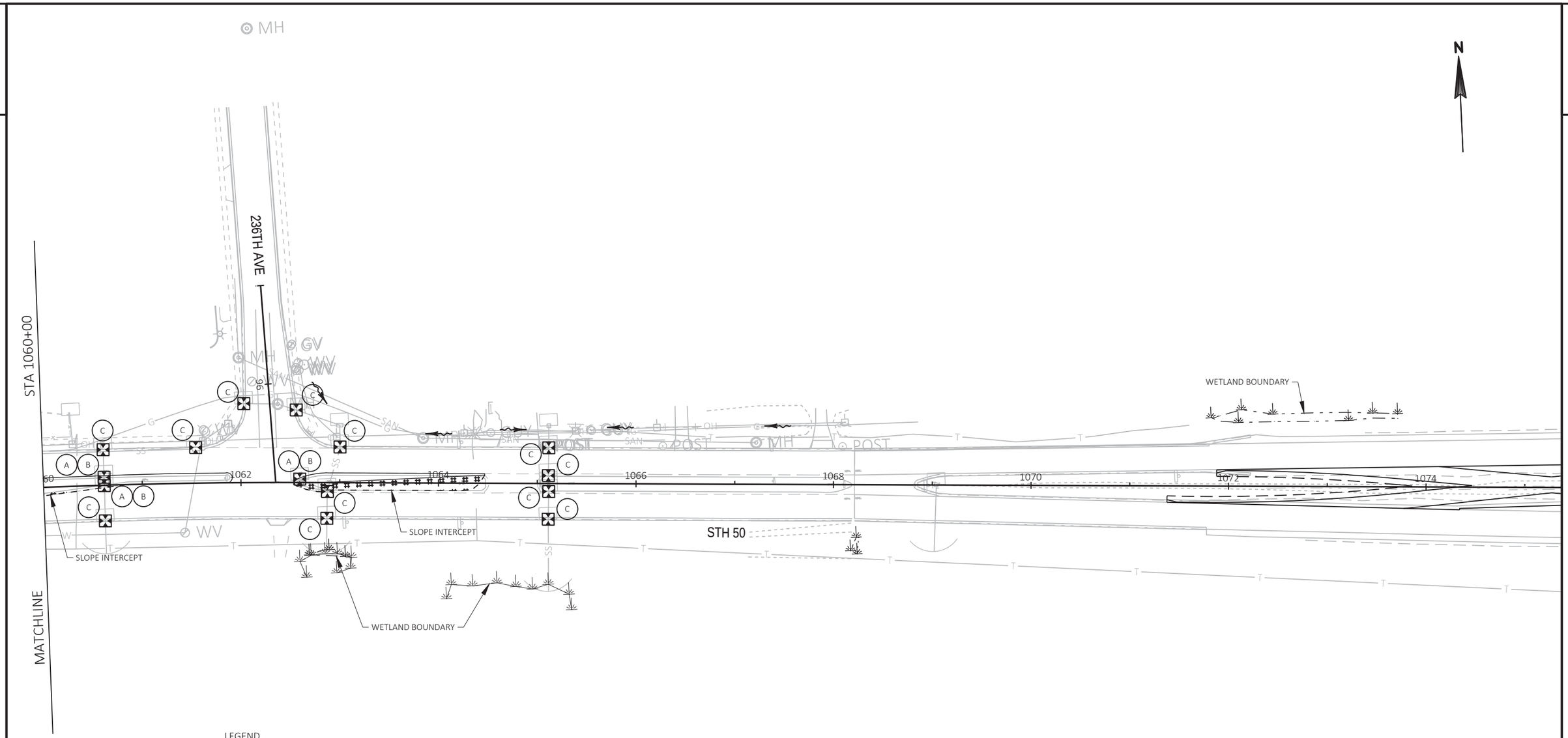
SHEET 7 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1B	SHEET 138	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022002_EC_S1B.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 8:30 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

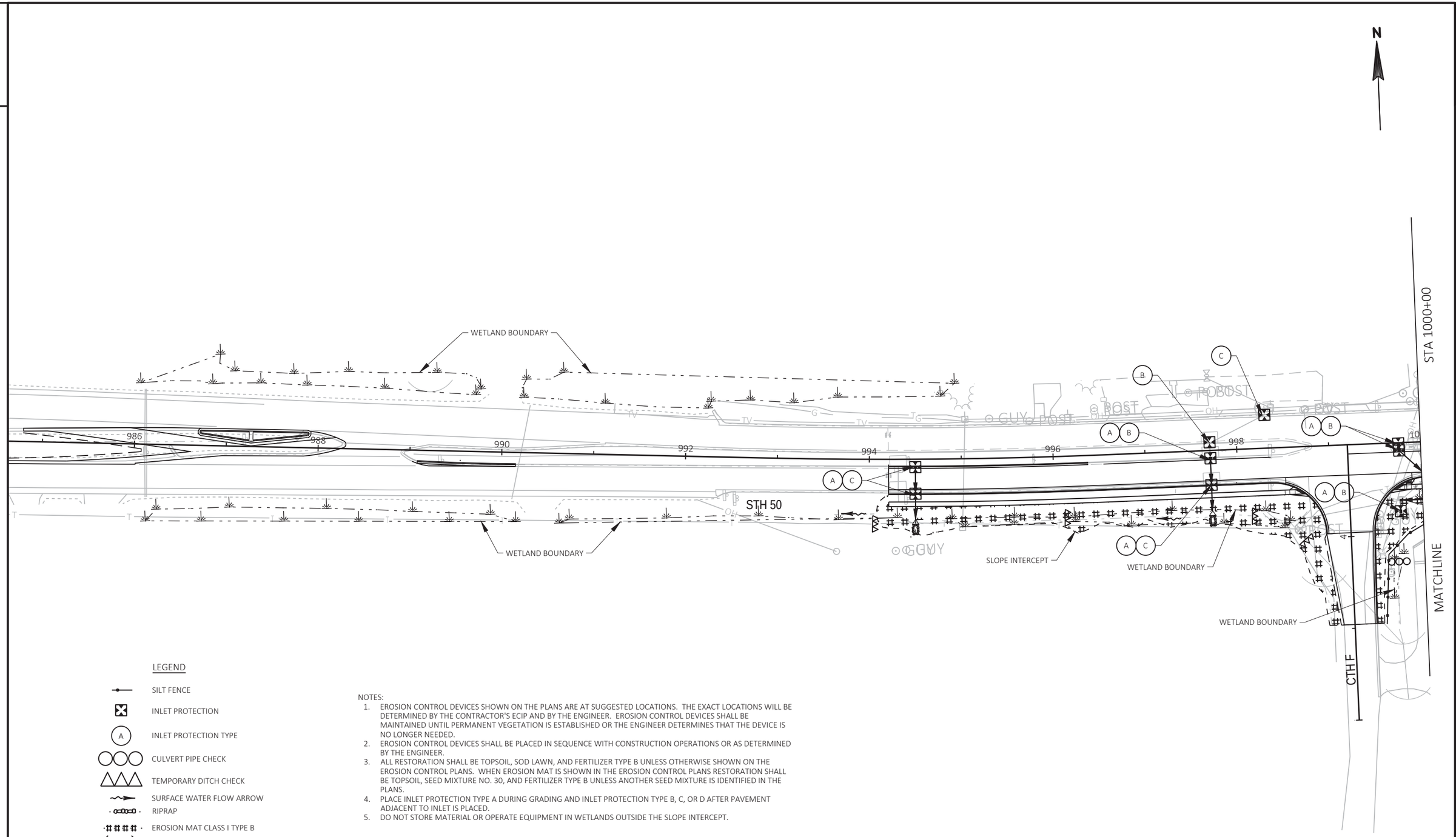
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1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

SHEET 8 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 1B	SHEET 139	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022002_EC_S1B.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 8:30 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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SHEET 9 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 2A-2B	SHEET 140	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022003_EC_S2A.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 8:30 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 75

STH 50

STH 50

STH 83

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

SEE NOTE 1

SLOPE INTERCEPT

USE NO. 10 SEED WITHIN POND AREA

1002 1004 1006 1008 1010 1012 1014

SHEET 10 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 2A	SHEET 141	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022003_EC_S2A.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 8:30 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

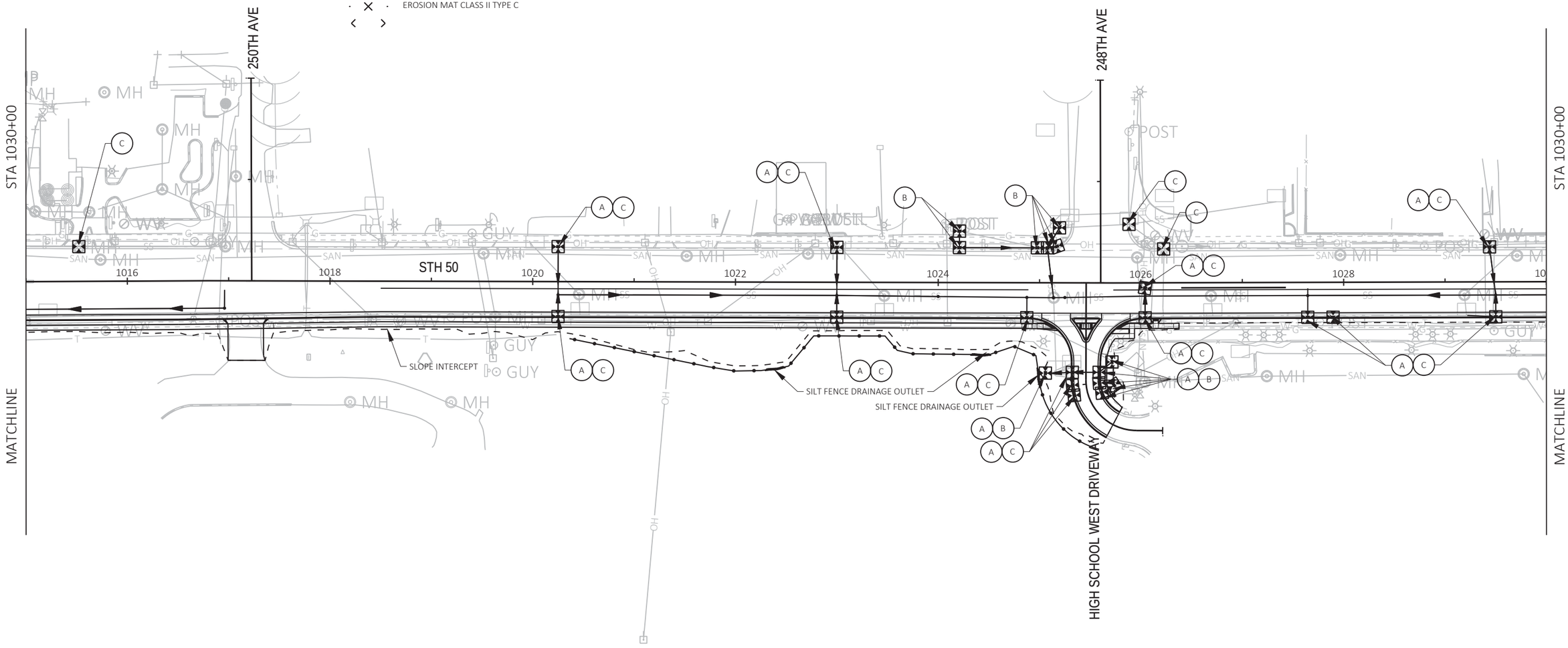
LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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N



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 2A-2B	SHEET 142	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022003_EC_S2A.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 8:31 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

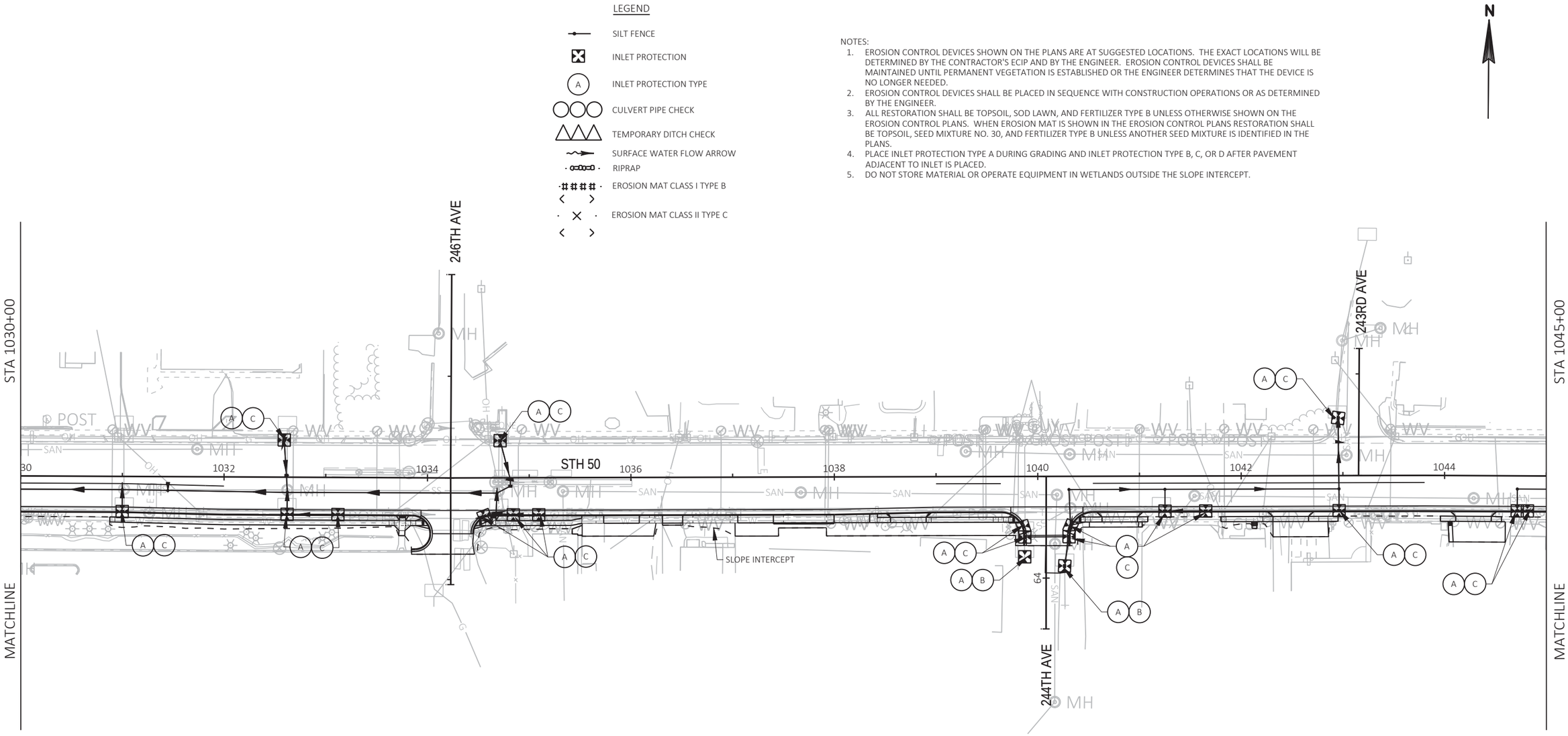
2

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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SHEET 12 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 2A-2B	SHEET 143	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022003_EC_S2A.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 8:31 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

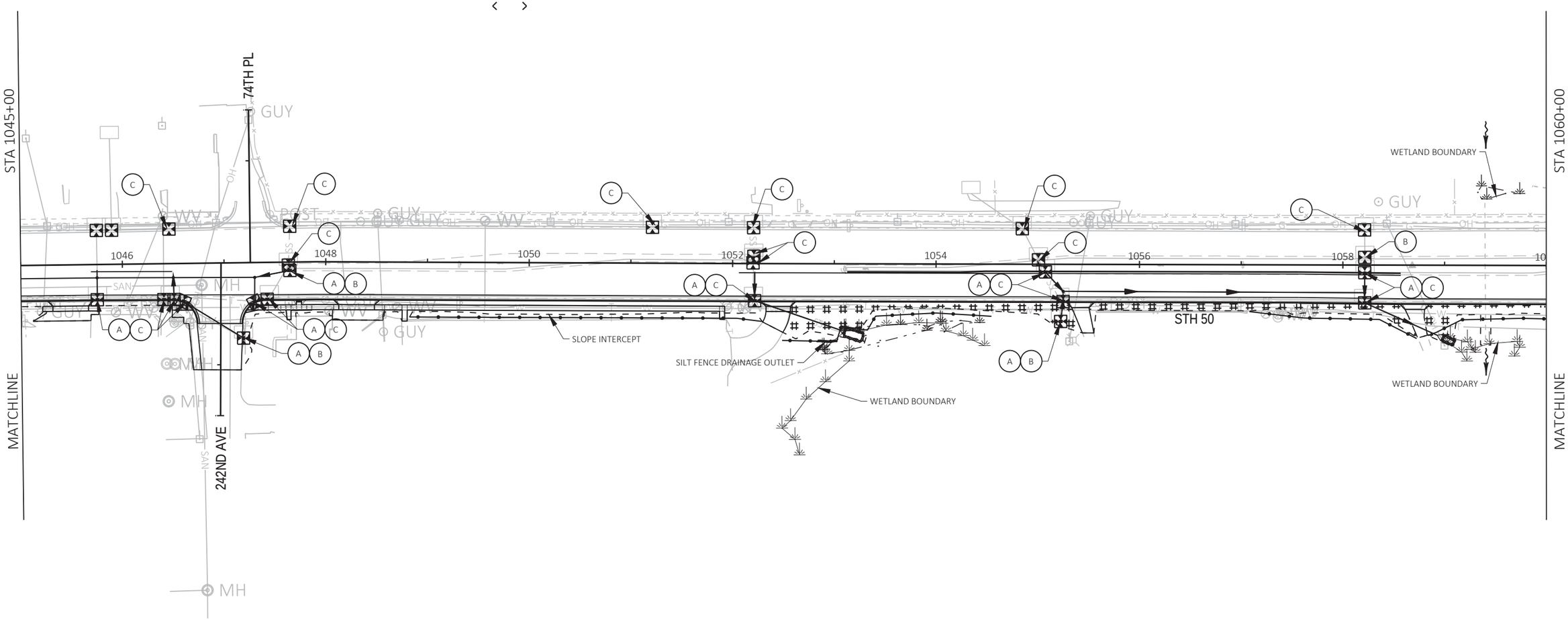
WISDOT/CADDS SHEET 42

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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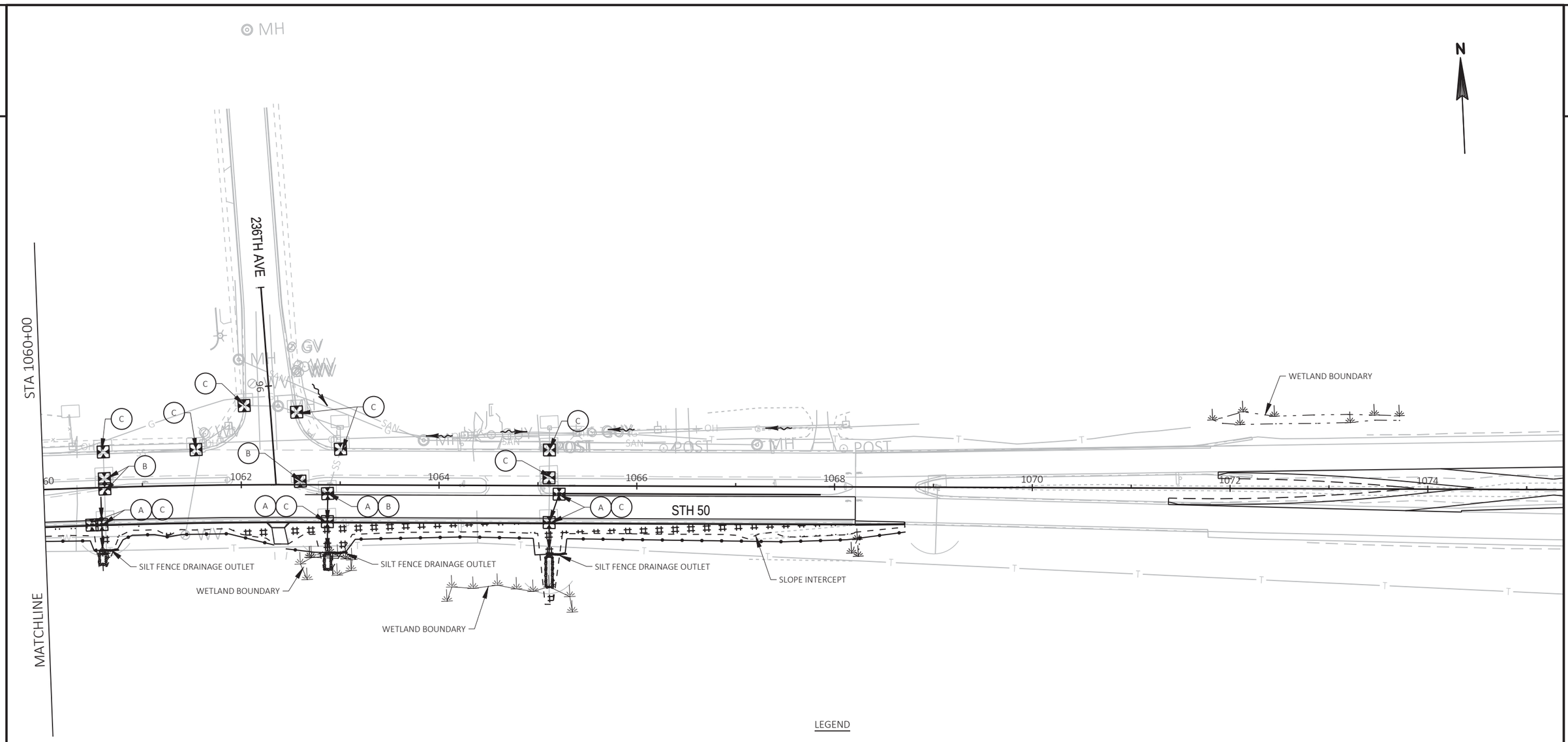
SHEET 13 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 2A-2B	SHEET 144	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022003_EC_S2A.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 8:31 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 2A-2B	SHEET 145	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022003_EC_S2A.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 8:31 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

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N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 50

STH 50

STH 75

STH 83

WETLAND BOUNDARY

WETLAND BOUNDARY

SLOPE INTERCEPT

1002 1004 1006 1008 1010 1012 1014

SHEET 15 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 2B	SHEET 146	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022004_EC_S2B.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 8:31 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 1000+00

WETLAND BOUNDARY

INSTALL INLET WITH COVER PLATE TEMPORARY
NO INLET PROTECTION NEEDED

986 988 990 992 994 996 998 10

STH 50

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

MATCHLINE

CTH F

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 3	SHEET 147	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022004_EC_S3.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 8:32 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

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1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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3. ALL RESTORATION SHALL BE TOPSOIL, SOD LAWN, AND FERTILIZER TYPE B UNLESS OTHERWISE SHOWN ON THE EROSION CONTROL PLANS. WHEN EROSION MAT IS SHOWN IN THE EROSION CONTROL PLANS RESTORATION SHALL BE TOPSOIL, SEED MIXTURE NO. 30, AND FERTILIZER TYPE B UNLESS ANOTHER SEED MIXTURE IS IDENTIFIED IN THE PLANS.
4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 75

STH 50

STH 50

STH 83

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

1002 1004 1006 1008 1010 1012 1014

SHEET 17 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 3	SHEET 148	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022004_EC_S3.DWG
LAYOUT NAME - 04

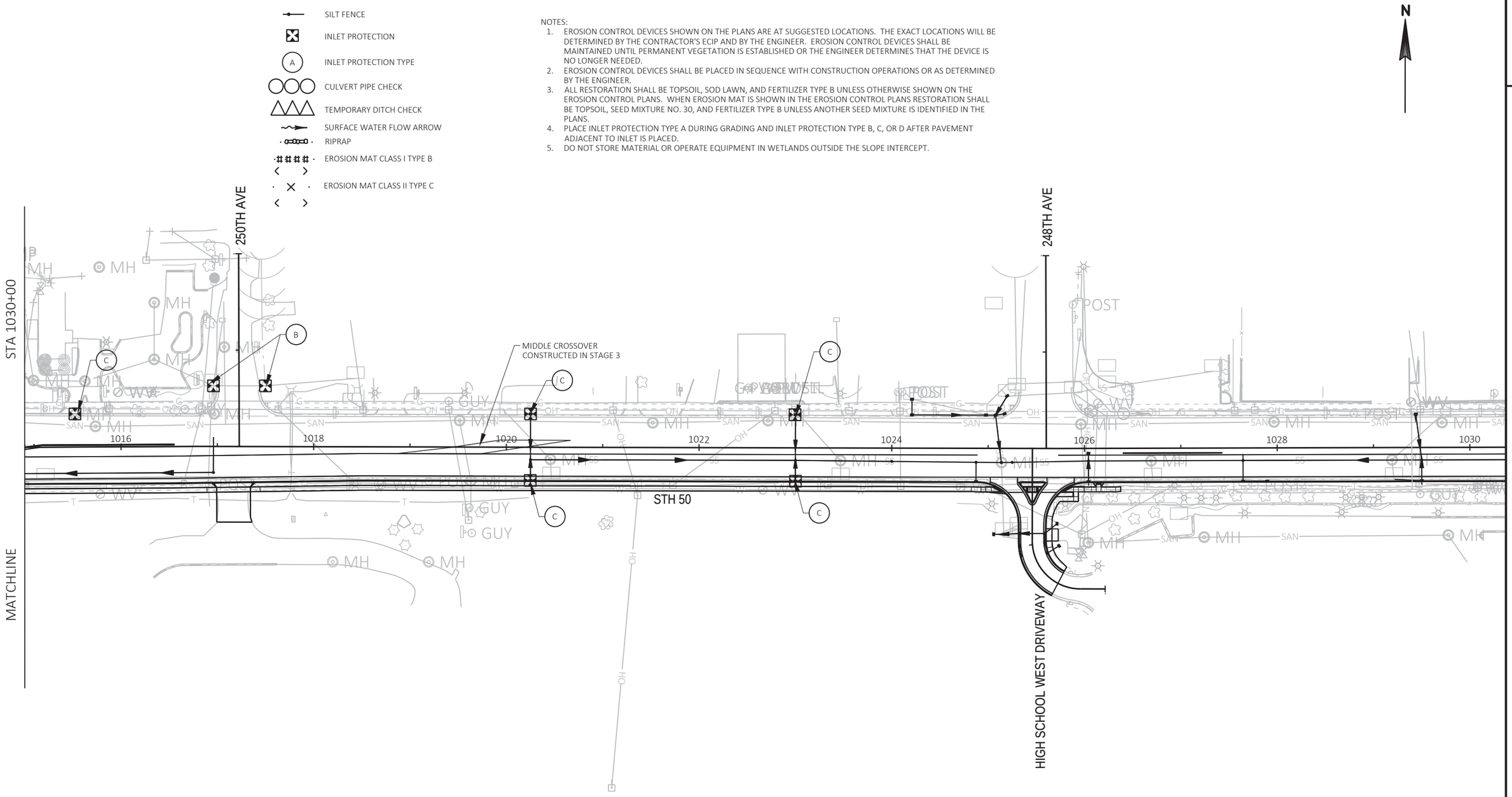
PLOT DATE : 7/30/2021 8:32 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.



SHEET 18 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 3	SHEET 149	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022004_EC_S3.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 8:32 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

STH 75

STH 50

STH 50

STH 83

STH 83 R/L

1000 1002 1004 1006 1008 1010 1012 1014

WETLAND BOUNDARY

SLOPE INTERCEPT

WETLAND BOUNDARY

SHEET 19 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4A	SHEET 150	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022005_EC_S4A.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 8:33 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

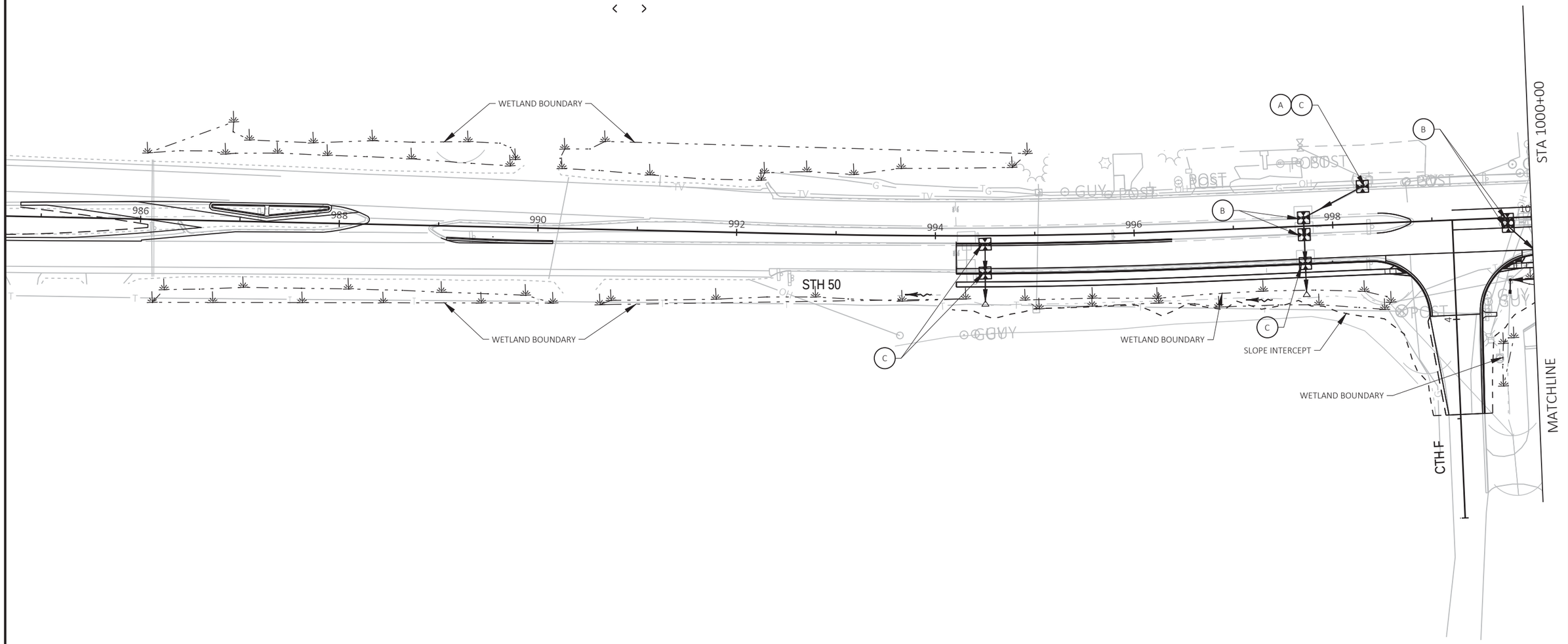
LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N



SHEET 20 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4B	SHEET 151	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022006_EC_S4B.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 8:33 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 75

STH 50

STH 50

STH 83

1002

1004

1006

1008

1010

1012

1014

WETLAND BOUNDARY

SLOPE INTERCEPT

WETLAND BOUNDARY

WETLAND BOUNDARY

SLOPE INTERCEPT

SHEET 21 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4B	SHEET 152	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022006_EC_S4B.DWG
LAYOUT NAME - 04

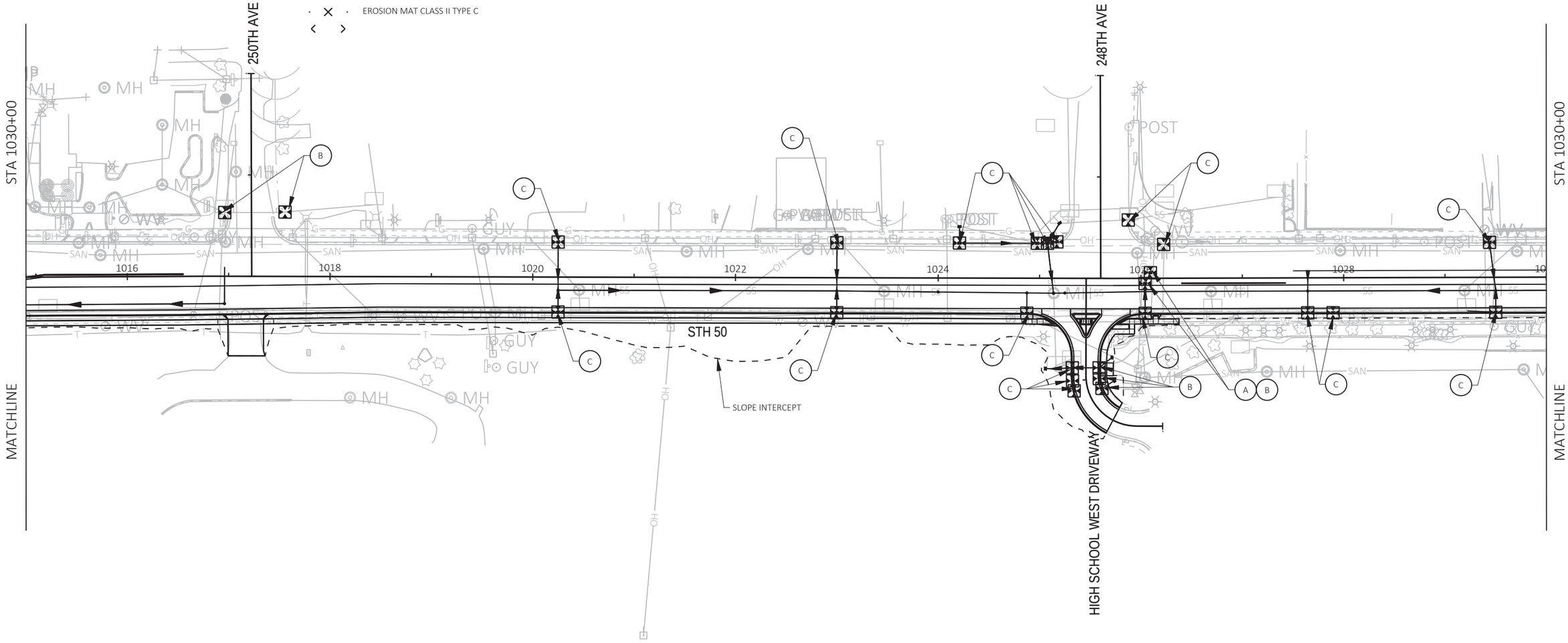
PLOT DATE : 7/30/2021 8:33 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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SHEET 22 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4B	SHEET 153	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022006_EC_S4B.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 8:33 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

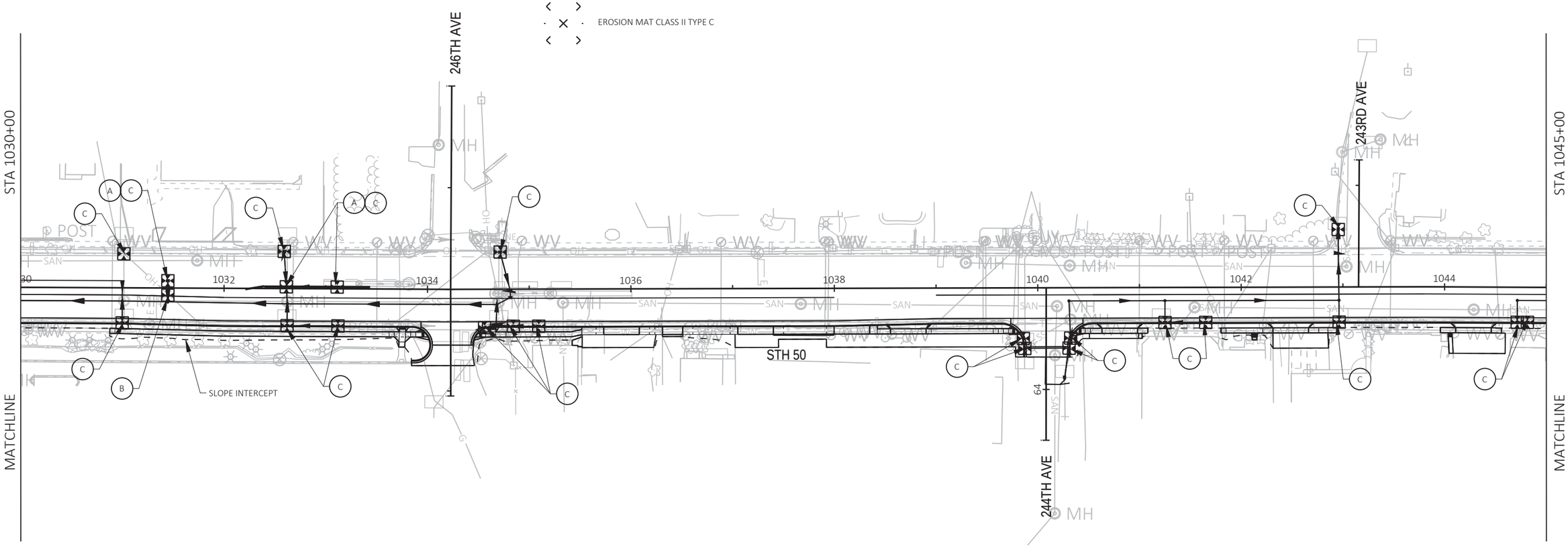
LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N



SHEET 23 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4B	SHEET 154	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022006_EC_S4B.DWG
LAYOUT NAME - 06

PLOT DATE : 7/30/2021 8:34 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

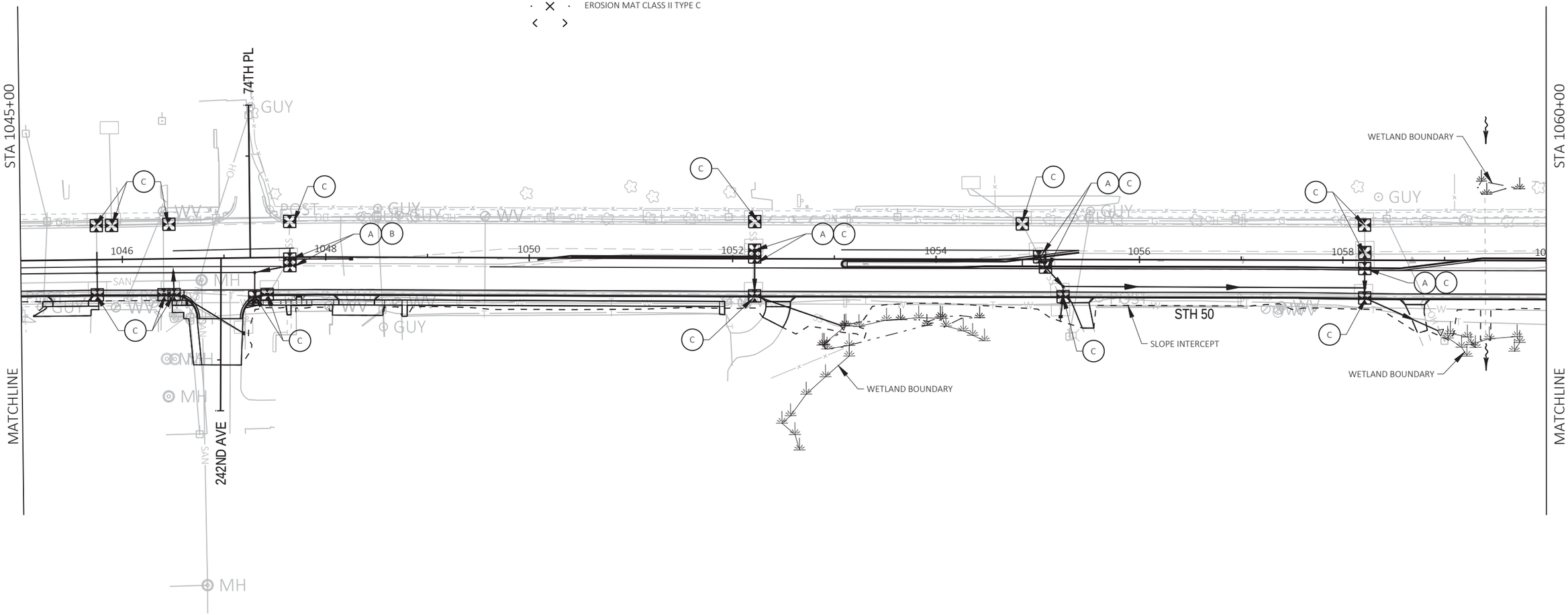
2

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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SHEET 24 OF 40

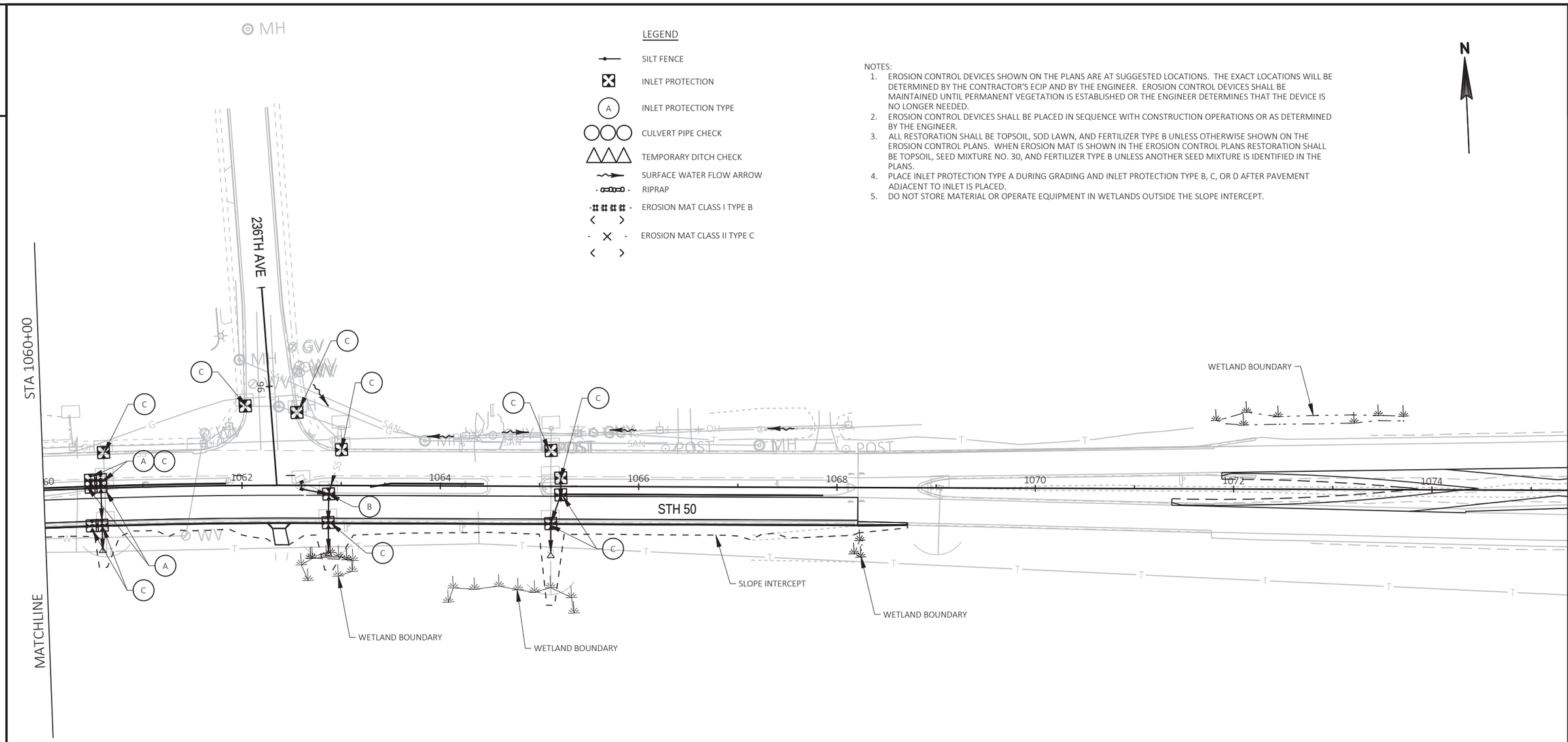
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4B	SHEET 155	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022006_EC_S4B.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 8:34 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



SHEET 25 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4B	SHEET 156	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022006_EC_S4B.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 8:34 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

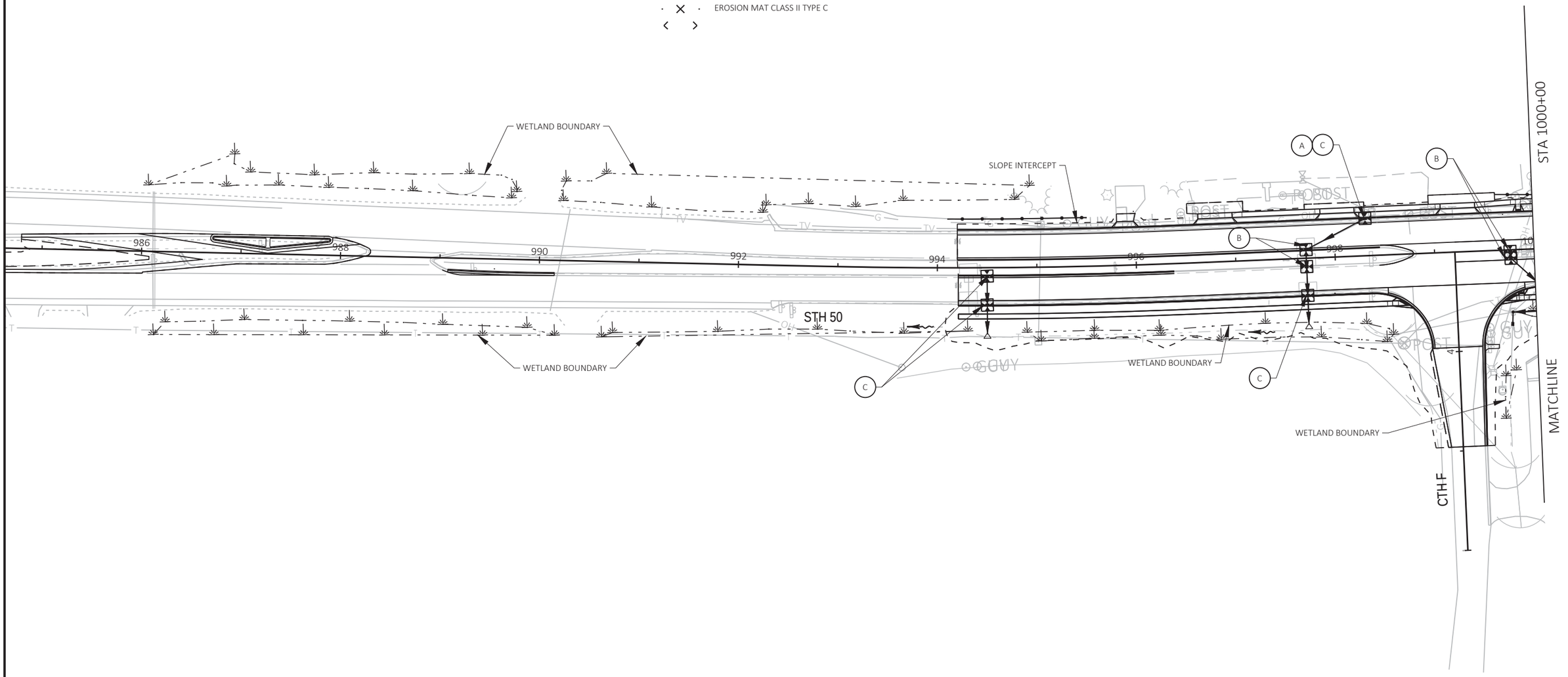
LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N



SHEET 26 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4C	SHEET 157	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022007_EC_S4C.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 8:34 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 75

STH 50

STH 50

STH 83

SLOPE INTERCEPT

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

SLOPE INTERCEPT

1002 1004 1006 1008 1010 1012 1014

SHEET 27 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4C	SHEET 158	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022007_EC_S4C.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 8:35 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

STA 1030+00

250TH AVE

248TH AVE

STA 1030+00

SLOPE INTERCEPT

SLOPE INTERCEPT

STH 50

HIGH SCHOOL WEST DRIVEWAY

MATCHLINE

MATCHLINE

1016 1018 1020 1022 1024 1026 1028

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4C	SHEET 159	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022007_EC_S4C.DWG
LAYOUT NAME - 05
PLOT DATE : 7/30/2021 8:35 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1030+00

246TH AVE

243RD AVE

244TH AVE

STA 1045+00

MATCHLINE

MATCHLINE

SLOPE INTERCEPT

SLOPE INTERCEPT

STH 50

PLACE ROCK BAGS IN EXISTING ASPHALT DITCH

1030 1032 1034 1036 1038 1040 1042 1044

64

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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4. PLACE INLET PROTECTION TYPE A DURING GRADING AND INLET PROTECTION TYPE B, C, OR D AFTER PAVEMENT ADJACENT TO INLET IS PLACED.
5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4C	SHEET 160	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022007_EC_S4C.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 8:35 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1045+00

74TH PL

242ND AVE

STA 1060+00

MATCHLINE

MATCHLINE

1046 1048 1050 1052 1054 1056 1058

SLOPE INTERCEPT

SLOPE INTERCEPT

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

STH 50

GUY

MH

SAN

W

OHU

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

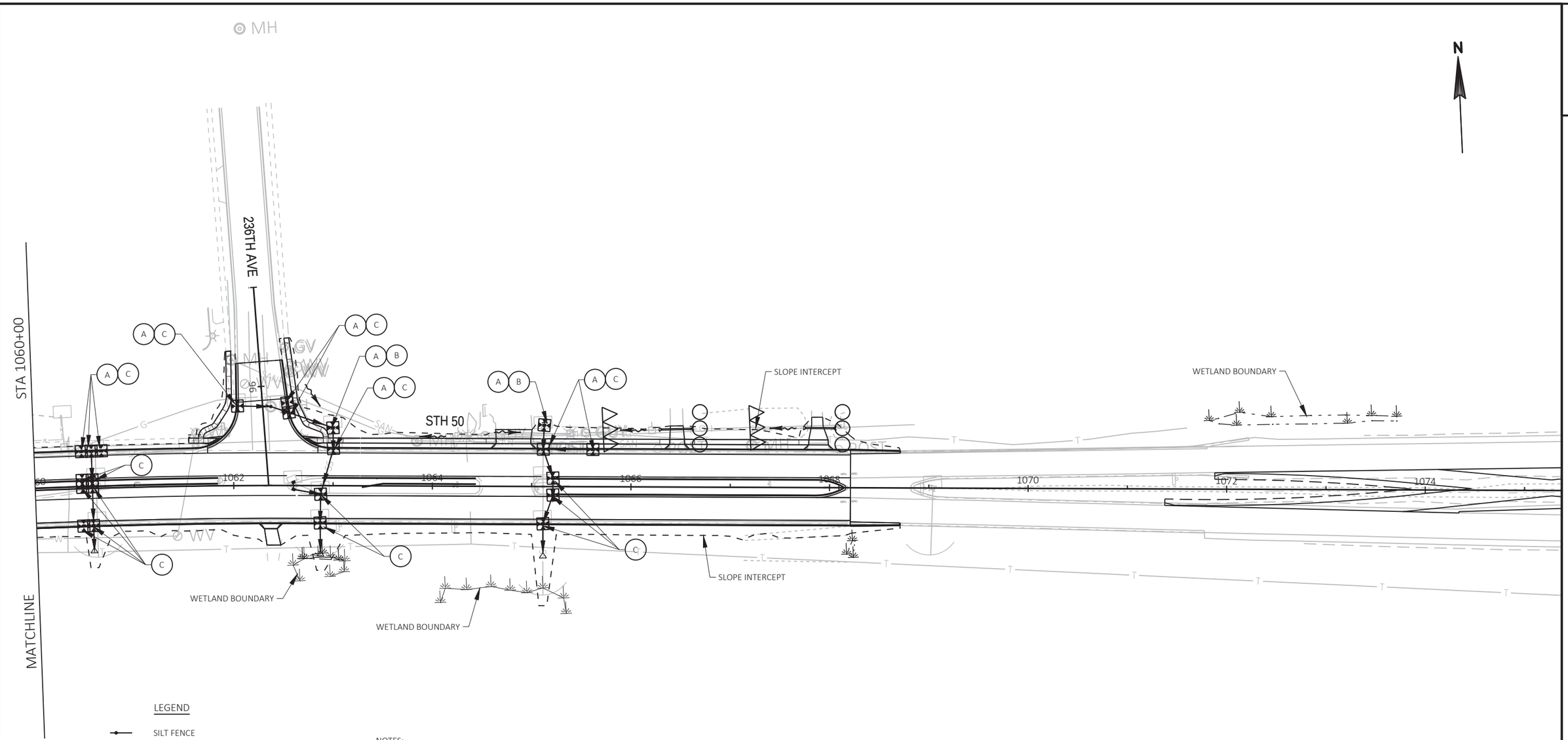
NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4C	SHEET 161	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022007_EC_S4C.DWG
LAYOUT NAME - 07
PLOT DATE : 7/30/2021 8:35 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 4C	SHEET 162	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022007_EC_S4C.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 8:35 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

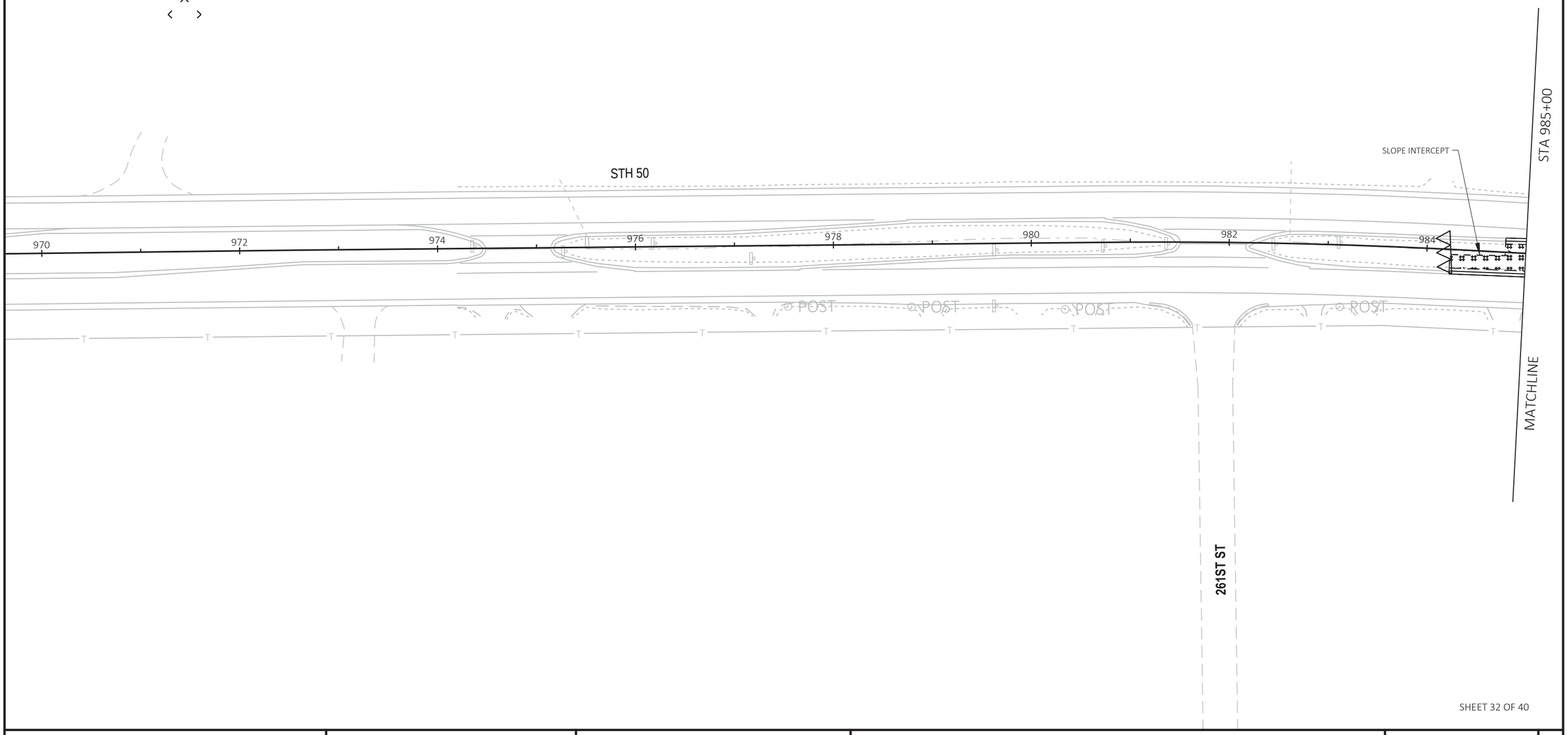
- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

2



SHEET 32 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 163	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 8:36 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 985+00

STA 1000+00

MATCHLINE

MATCHLINE

WETLAND BOUNDARY

SLOPE INTERCEPT

SLOPE INTERCEPT

STH 50

WETLAND BOUNDARY

WETLAND BOUNDARY

SLOPE INTERCEPT

WETLAND BOUNDARY

CTH F

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

1. EROSION CONTROL DEVICES SHOWN ON THE PLANS ARE AT SUGGESTED LOCATIONS. THE EXACT LOCATIONS WILL BE DETERMINED BY THE CONTRACTOR'S ECIP AND BY THE ENGINEER. EROSION CONTROL DEVICES SHALL BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED OR THE ENGINEER DETERMINES THAT THE DEVICE IS NO LONGER NEEDED.
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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

SHEET 33 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 164	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 8:36 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 75

STH 50

STH 50

STH 83

WETLAND BOUNDARY

SLOPE INTERCEPT

SLOPE INTERCEPT

SLOPE INTERCEPT

1002 1004 1006 1008 1010 1012 1014

SHEET 34 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 165	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 8:36 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

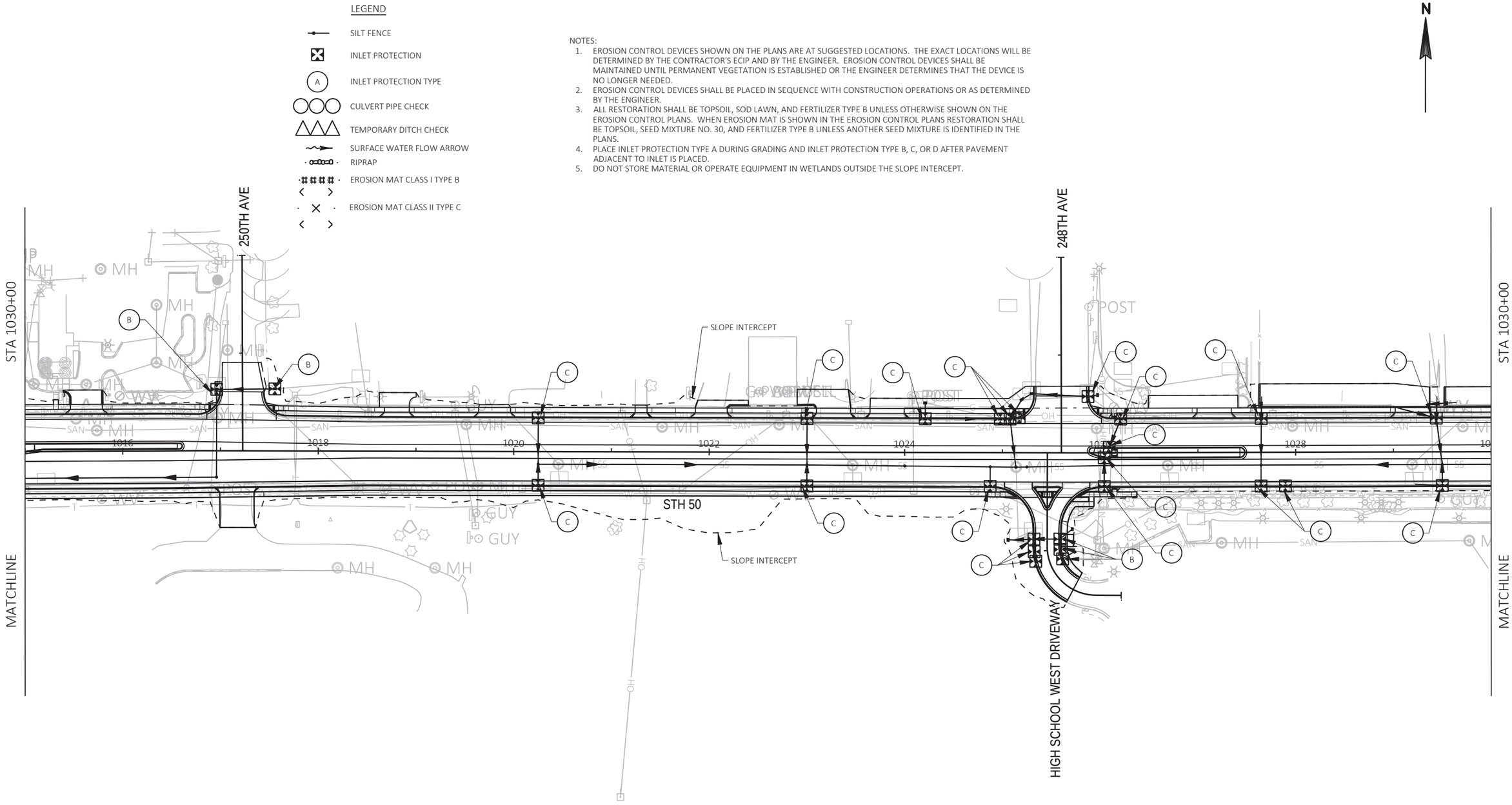
2

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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SHEET 35 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 166	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 8:36 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 1030+00

246TH AVE

243RD AVE

STA 1045+00

SLOPE INTERCEPT

STH 50

SLOPE INTERCEPT

244TH AVE

MATCHLINE

MATCHLINE

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 167	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 8:36 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1045+00

74TH PL

WETLAND BOUNDARY

SLOPE INTERCEPT

STA 1060+00

1046 1048 1050 1052 1054 1056 1058

STH 50

SLOPE INTERCEPT

WETLAND BOUNDARY

WETLAND BOUNDARY

MATCHLINE

242ND AVE

MATCHLINE

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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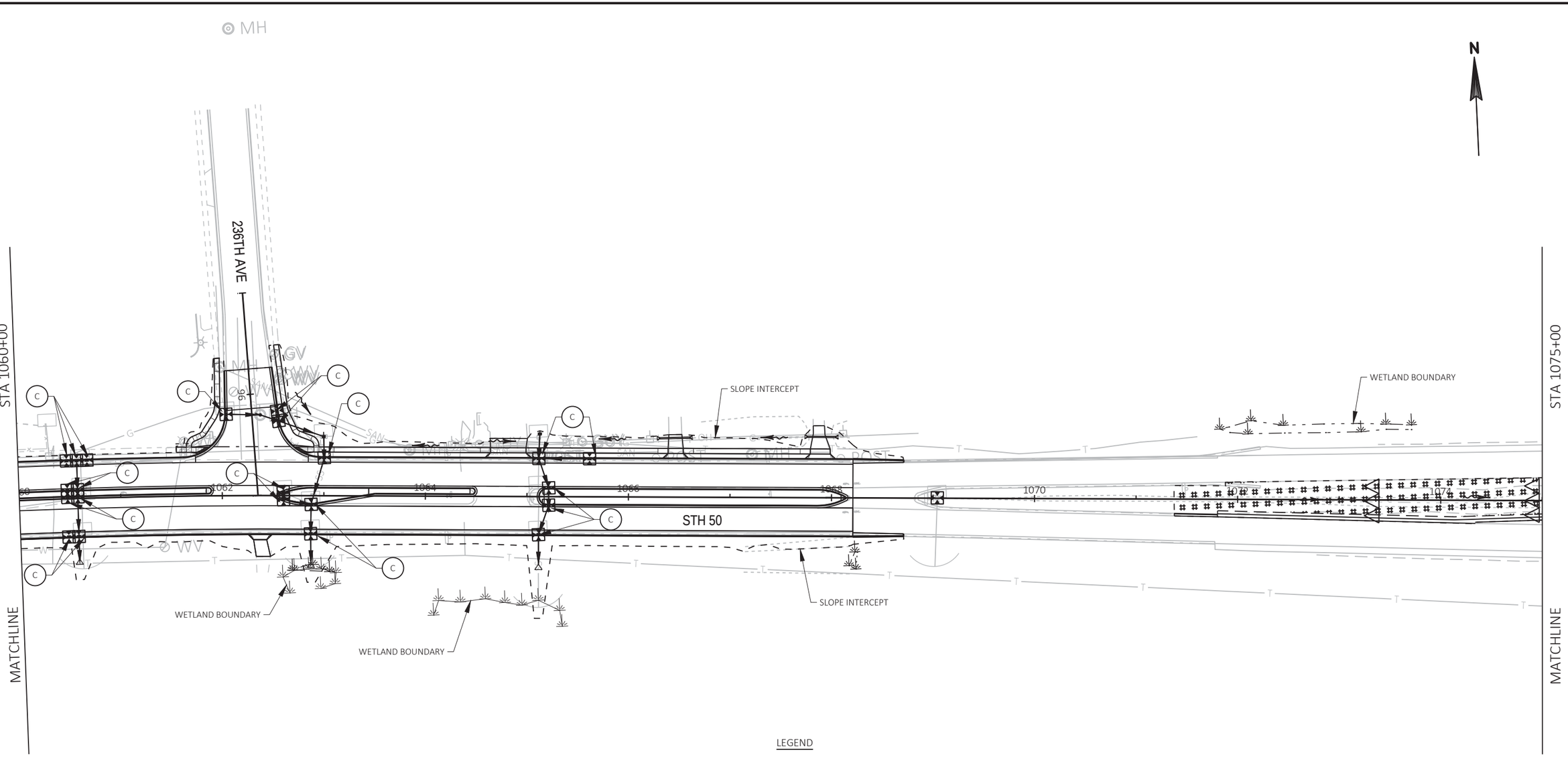
SHEET 37 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 168	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 8:36 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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SHEET 38 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 169	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 8:36 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1075+00

1076

1075

C

STH 50

MATCHLINE

LEGEND

- SILT FENCE
- INLET PROTECTION
- A — INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 5	SHEET 170	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022008_EC_S5.DWG
LAYOUT NAME - 09
PLOT DATE : 7/30/2021 8:36 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

- SILT FENCE
- INLET PROTECTION
- (A) INLET PROTECTION TYPE
- CULVERT PIPE CHECK
- TEMPORARY DITCH CHECK
- SURFACE WATER FLOW ARROW
- RIPRAP
- EROSION MAT CLASS I TYPE B
- EROSION MAT CLASS II TYPE C

NOTES:

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5. DO NOT STORE MATERIAL OR OPERATE EQUIPMENT IN WETLANDS OUTSIDE THE SLOPE INTERCEPT.

N

STH 75

STH 50

STH 83

WETLAND BOUNDARY

SLOPE INTERCEPT

SLOPE INTERCEPT

SLOPE INTERCEPT

1000 1002 1004 1006 1008 1010 1012 1014

SHEET 40 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	EROSION CONTROL - STAGE 6A-6B	SHEET 171	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022009_EC_S6.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 8:37 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

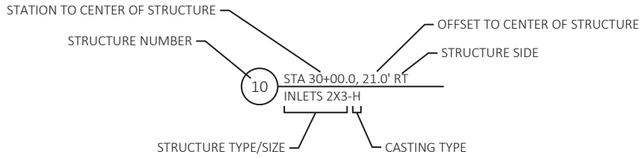
GENERAL DRAINAGE NOTES

1. STATION AND OFFSET OF MANHOLES, INLETS, AND FIELD INLETS ARE GIVEN TO THE CENTER OF STRUCTURE.
2. STATION AND OFFSET OF ENDWALLS ARE GIVEN TO THE END OF PIPE.
3. PIPE LENGTHS ARE DIMENSIONED CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
4. STORM SEWER PIPES AT ENDWALLS USING STORM SEWER PIPE CLASS III-A ARE DESIGNED SO THAT THE TOP OF THE PIPE INTERCEPTS THE SLOPE AT THE OUTFALL. IF THE CONTRACTOR ELECTS TO USE STORM SEWER PIPE REINFORCED CONCRETE REDUCE THE PIPE LENGTH BY THE "C" DIMENSION SHOWN ON SDD APRON ENDWALL FOR CULVERT PIPE OR SDD APRON ENDWALLS FOR PIPE ARCH AND ELLIPTICAL PIPE
5. RIM ELEVATIONS ARE GIVEN AT FLANGE LINE OF CURB AND GUTTER FOR CURB INLETS, TO THE CENTER OF COVER FOR MANHOLES, AND TO CENTER OF THE COVER FOR FIELD INLETS.
6. STRUCTURE DEPTH CALCULATIONS FOR MANHOLES AND CATCH BASINS USE A 6-INCH ADJUSTMENT. NO ADJUSTMENT IS USED IN CALCULATING STRUCTURE DEPTH OF INLETS MEDIAN 1 GRATE.
7. STORM SEWER PIPE REINFORCED CONCRETE PIPE CLASS COVER DEPTH FOR DETERMINING PIPE CLASS IS MEASURED FROM THE BOTTOM OF THE BASE AGGREGATE DENSE 1 1/4-INCH LAYER.
8. STORM SEWER PIPE CLASS III-A COVER IS MEASURED FROM THE BOTTOM OF THE SELECT CRUSHED MATERIAL LAYER. STORM SEWER PIPE CLASS III-A SHALL NOT BE USED UNLESS THERE IS A MINIMUM OF TWO FEET OF COVER ABOVE THE TOP OF PIPE.
9. UTILITY INFORMATION SHOWN ON THE PLAN IS APPROXIMATE. DIGGERS HOTLINE SHALL BE CONTACTED PRIOR TO ANY EXCAVATION. ANY UTILITY FACILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE UTILITY FACILITY OWNER.
10. VERIFY THE LOCATION, SIZE, AND ELEVATION OF ALL CONNECTIONS TO EXISTING DRAINAGE FACILITIES PRIOR TO ORDERING DRAINAGE STRUCTURES AND PIPES. NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE INFORMATION SHOWN ON THE PLANS PRIOR TO INSTALLING ANY DRAINAGE PIPES OR STRUCTURES.
11. PROVIDE TEMPORARY POSITIVE DRAINAGE THROUGHOUT THE PROJECT DURING ALL STAGES. PROVIDING TEMPORARY DRAINAGE IS INCIDENTAL TO CONSTRUCTION UNLESS OTHERWISE SHOWN IN THE TRAFFIC CONTROL/STAGING PLANS.
12. SUPPORTING UTILITIES DURING STORM SEWER CONSTRUCTION IS INCIDENTAL TO STORM SEWER PIPE AND/OR STORM SEWER STRUCTURE CONSTRUCTION.
13. PLAN VIEW HIGHLIGHTING ALONG STORM SEWER PIPES REPRESENTS THE STORM SEWER PROFILE SHOWN IN THE PROFILE VIEW BELOW ON THE SAME STORM SEWER SHEET.
14. CONCRETE COLLARS FOR PIPE SHALL ONLY BE PAID FOR WHEN SHOWN IN THE PLANS. ALL OTHER CONNECTIONS BETWEEN PIPES AND STORM SEWER STRUCTURES SHALL BE INCIDENTAL TO THE STORM SEWER PIPE OR STORM SEWER STRUCTURE.

STORM SEWER LEGEND

XX XXX.XX	STORM SEWER STRUCTURE NUMBER IN PROFILE VIEW WITH RIM ELEVATION
PXX	STORM SEWER PIPE NUMBER
CC	CONCRETE COLLARS FOR PIPE
	PIPE RUN SHOWN IN PROFILE VIEW ON CURRENT SHEET

STORM SEWER STRUCTURE ANNOTATION LEGEND

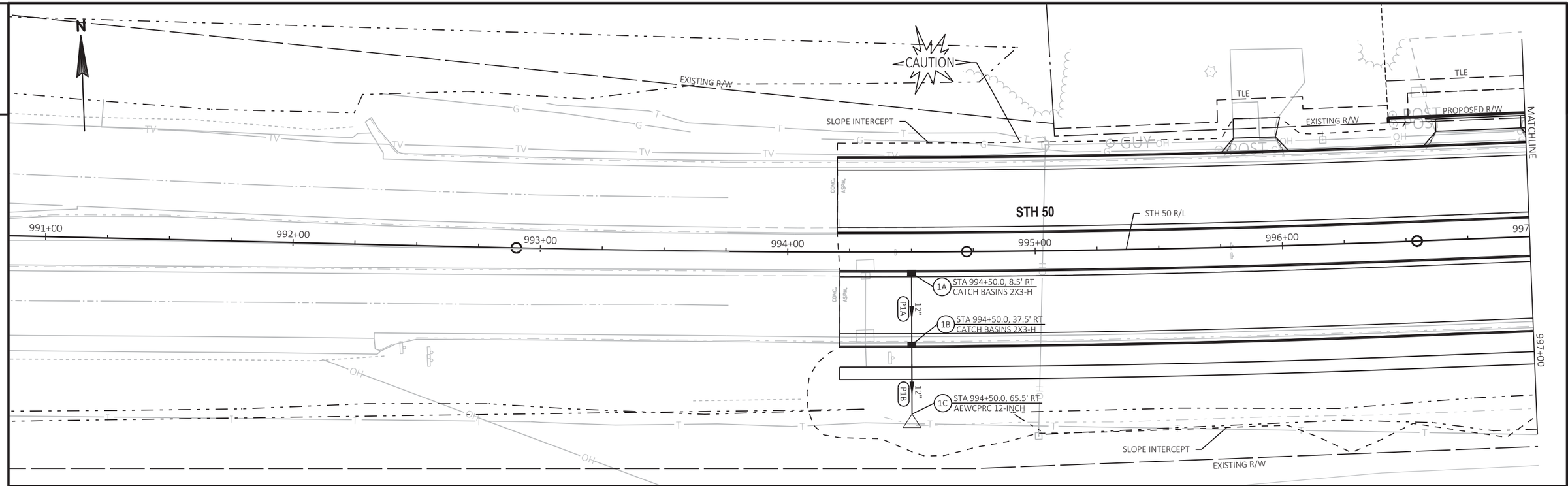


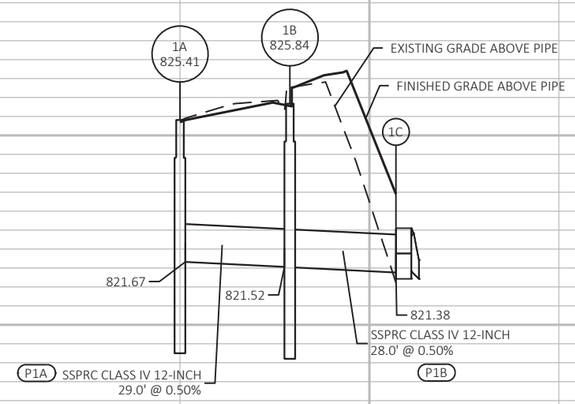
STRUCTURE TYPES

AEWCP	APRON ENDWALLS FOR CULVERT PIPE
AEWCPRC	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE
AEWCPRCHE	APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CATCH BASINS 3	CATCH BASINS 3-FT DIAMETER
CATCH BASINS 4	CATCH BASINS 4-FT DIAMETER
CATCH BASIN 5	CATCH BASINS 5-FT DIAMETER
CATCH BASINS 6	CATCH BASINS 6-FT DIAMETER
CATCH BASINS 2X3	CATCH BASINS 2X3-FT
INLETS 2X2	INLETS 2X2-FT
INLETS MEDIAN 1G	INLETS MEDIAN 1 GRATE
INLETS MEDIAN 2G	INLETS MEDIAN 2 GRATE
MANHOLE 4	MANHOLE 4-FT DIAMETER
MANHOLE 5	MANHOLE 5-FT DIAMETER
MANHOLE 6	MANHOLE 6-FT DIAMETER
MANHOLE 8	MANHOLE 8-FT DIAMETER
MANHOLE 9	MANHOLE 9-FT DIAMETER

CASTING TYPES

C	INLET COVERS TYPE C
H	INLET COVERS TYPE H
J	MANHOLE COVERS TYPE J
MS	INLET COVERS TYPE MS
S	INLET COVERS TYPE S
Z	INLET COVERS TYPE Z





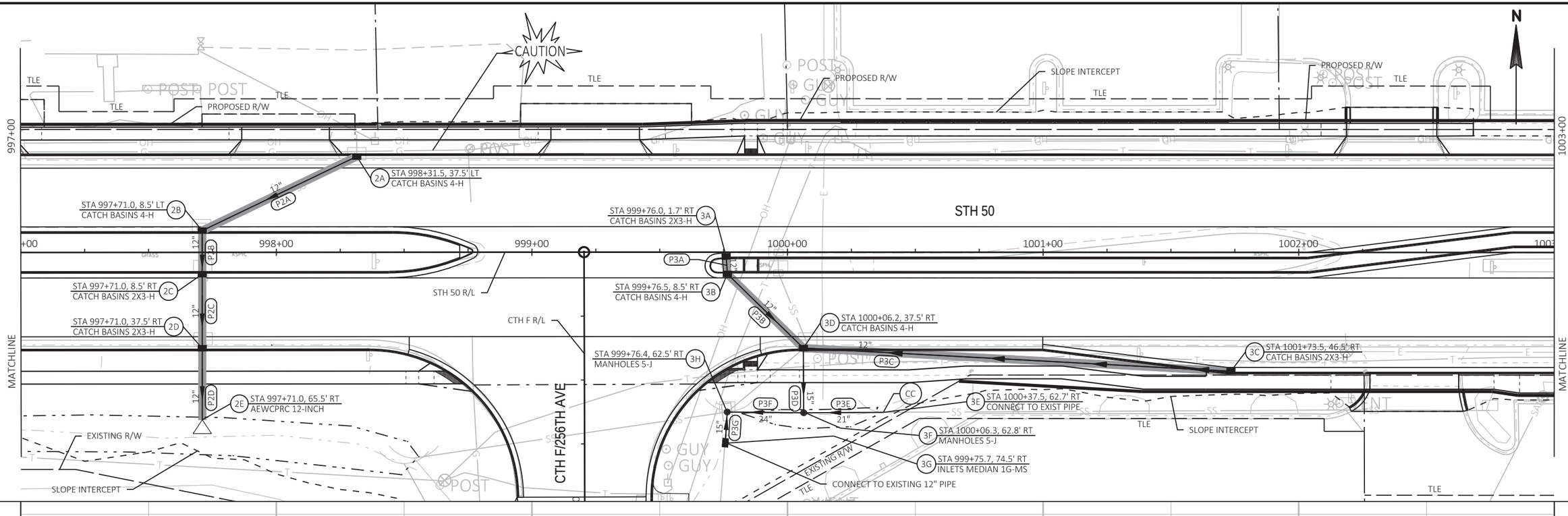
830 825 820 815

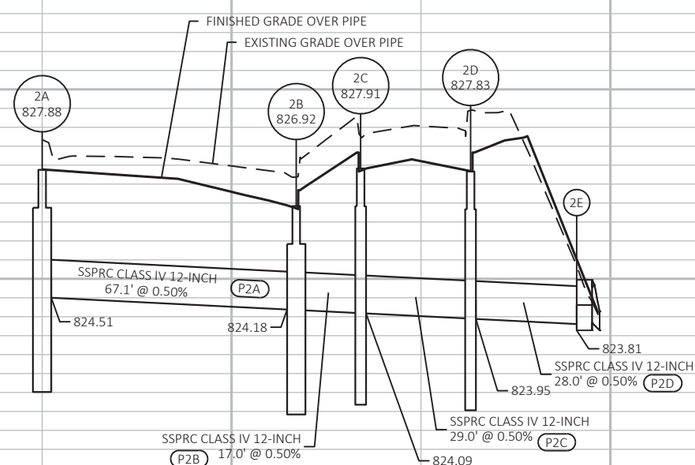
SHEET 1 OF 28

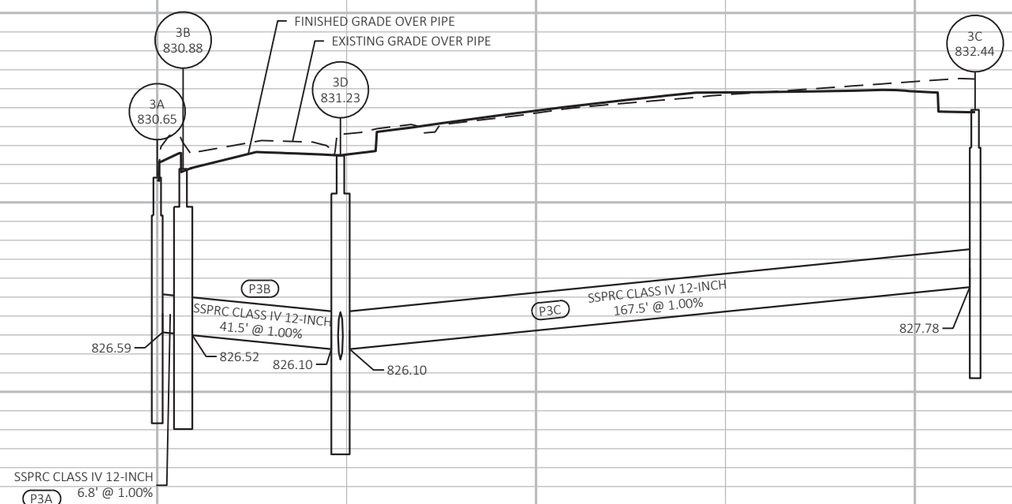
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 173	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-01

PLOT DATE : 7/30/2021 1:57 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT



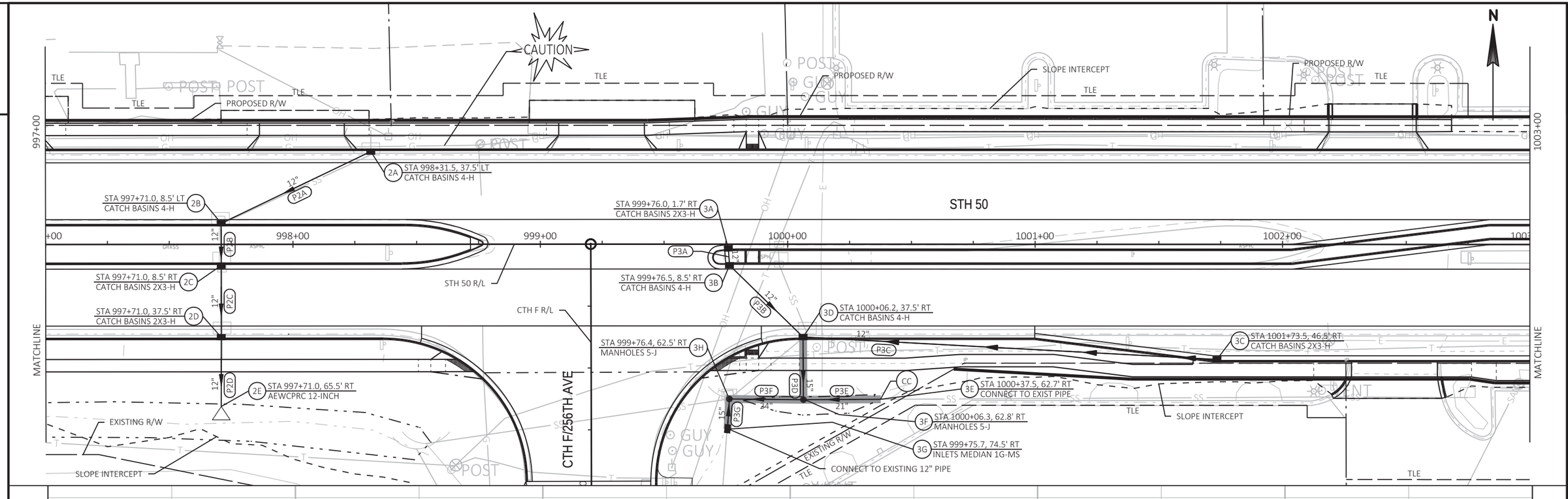


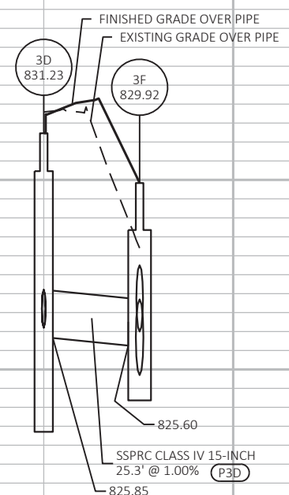


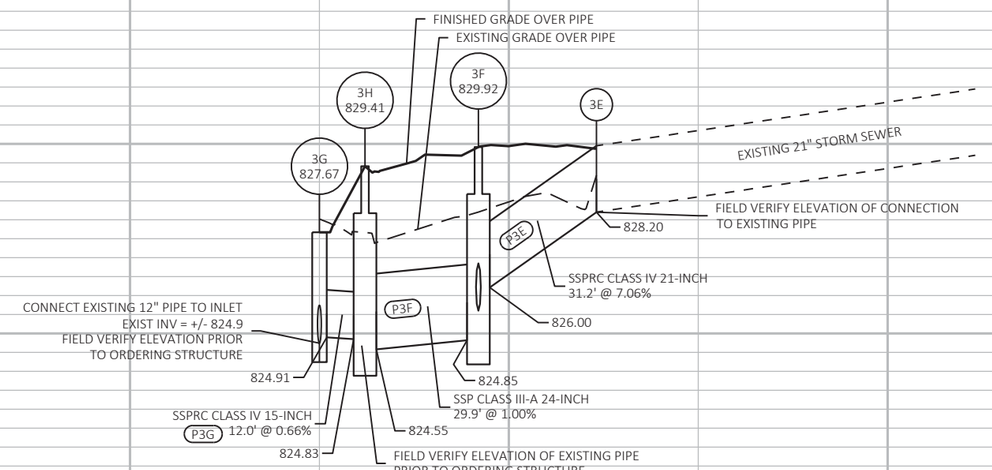
SHEET 3 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 174	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-02
PLOT DATE : 7/30/2021 1:58 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41







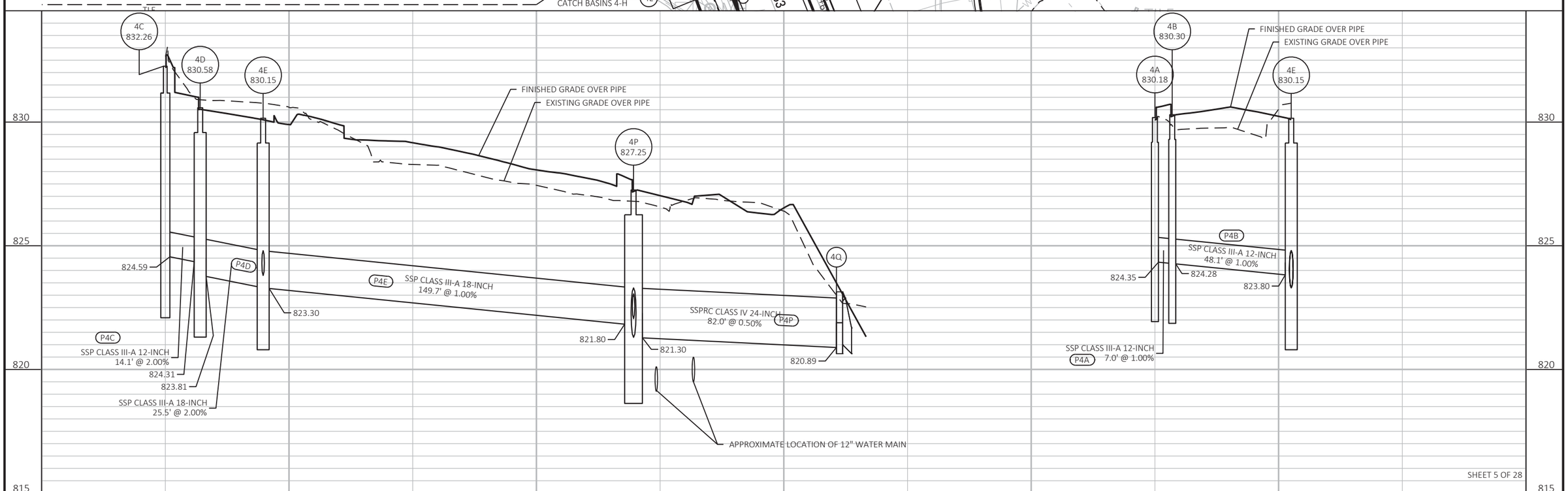
835 830 825 820

SHEET 4 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 175	E

2

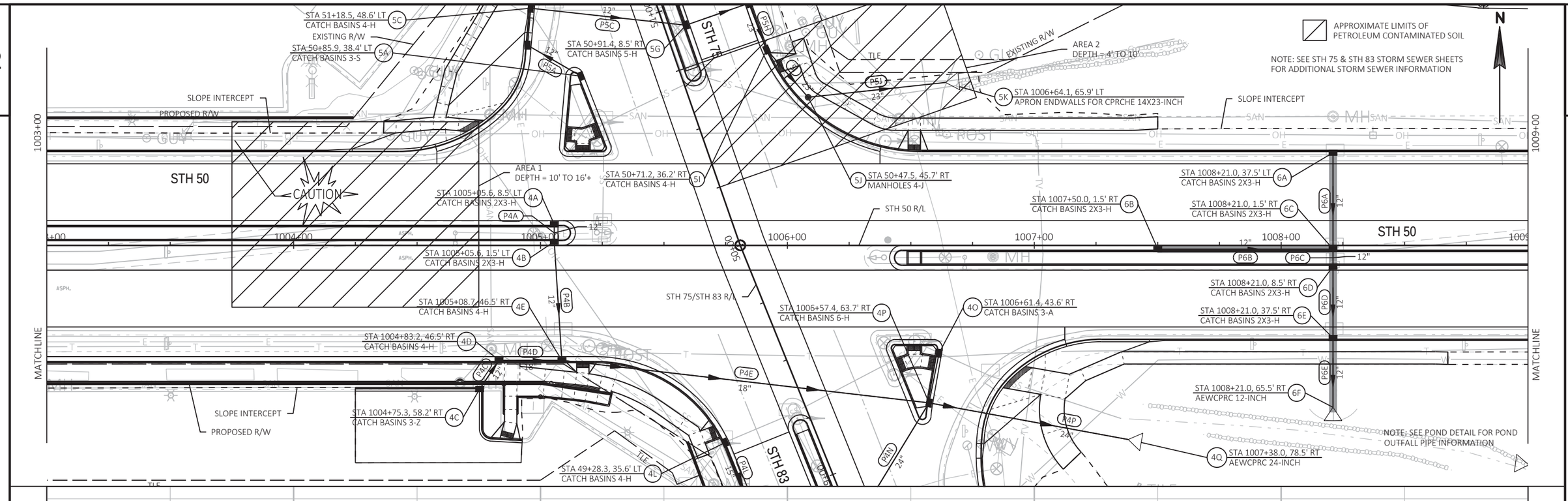
STA 51+18.5, 48.6' LT (5C) CATCH BASINS 4-H
EXISTING R/W
STA 50+85.9, 38.4' LT (5A) CATCH BASINS 3-S
STA 50+91.4, 8.5' RT (5G) CATCH BASINS 5-H
STH 75
SLOPE INTERCEPT
PROPOSED R/W
STH 50
CAUTION
AREA 1
DEPTH = 10' TO 16'+
STA 1005+05.6, 8.5' LT (4A) CATCH BASINS 2X3-H
STA 1005+05.6, 1.5' LT (4B) CATCH BASINS 2X3-H
STA 1005+08.7, 46.5' RT (4E) CATCH BASINS 4-H
STA 1004+83.2, 46.5' RT (4D) CATCH BASINS 4-H
STA 1004+75.3, 58.2' RT (4C) CATCH BASINS 3-Z
STA 49+28.3, 35.6' LT (4L) CATCH BASINS 4-H
STA 50+71.2, 36.2' RT (5I) CATCH BASINS 4-H
STA 50+47.5, 45.7' RT (5J) MANHOLES 4-J
STA 1006+64.1, 65.9' LT (5K) APRON ENDWALLS FOR CPRCHE 14X23-INCH
AREA 2
DEPTH = 4' TO 10'
STH 50 R/L
STH 75/STH 83 R/L
STA 1006+57.4, 63.7' RT (4P) CATCH BASINS 6-H
STA 1006+61.4, 43.6' RT (4O) CATCH BASINS 3-A
STA 1007+50.0, 1.5' RT (6B) CATCH BASINS 2X3-H
STA 1008+21.0, 37.5' LT (6A) CATCH BASINS 2X3-H
STA 1008+21.0, 1.5' RT (6C) CATCH BASINS 2X3-H
STA 1008+21.0, 8.5' RT (6D) CATCH BASINS 2X3-H
STA 1008+21.0, 37.5' RT (6E) CATCH BASINS 2X3-H
STA 1008+21.0, 65.5' RT (6F) AEWCPRC 12-INCH
STA 1007+38.0, 78.5' RT (4Q) AEWCPRC 24-INCH
STH 83
OUTFALL
TLE
EXISTING R/W
MATCHLINE
1003+00
1004+00
1005+00
1006+00
1007+00
1008+00
1009+00
APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOIL
NOTE: SEE STH 75 & STH 83 STORM SEWER SHEETS FOR ADDITIONAL STORM SEWER INFORMATION
NOTE: SEE POND DETAIL FOR POND OUTFALL PIPE INFORMATION
N

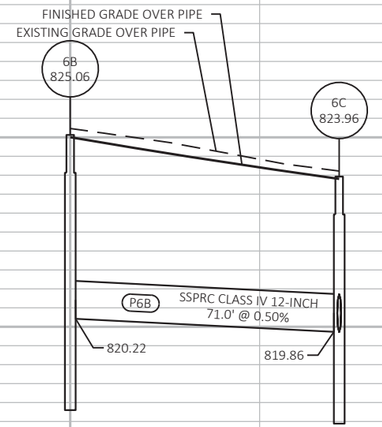


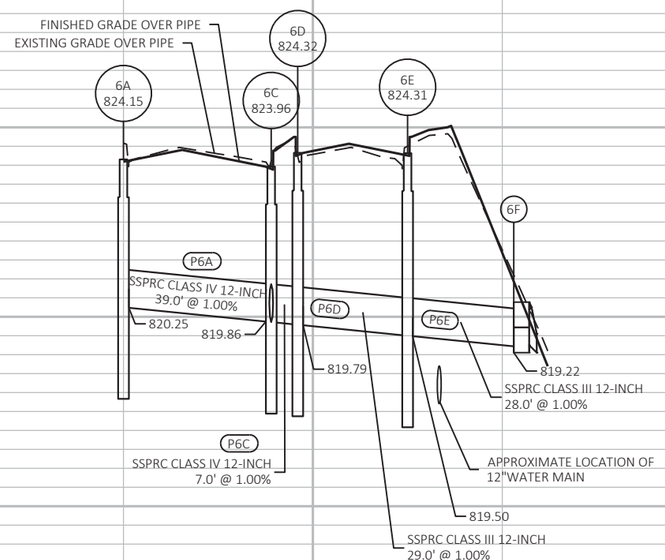
SHEET 5 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 176	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-03
PLOT DATE : 7/30/2021 1:58 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41







825
820
815
810

SHEET 6 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 177	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-03A
PLOT DATE : 7/30/2021 1:59 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

STA 1011+06.2, 71.0' LT
AEWCPRC 12-INCH
7D

TLE

SLOPE INTERCEPT

EXISTING R/W

STA 1013+95, 37.5' LT
CATCH BASINS 2X3-H
10B

CAUTION

N

TLE
R/W

1009+00

1015+00

P7C
12"
P7A
P7B
12"

STA 1010+69.3, 37.5' LT
CATCH BASINS 2X3-H
7B

STA 1011+19.3, 37.5' LT
CATCH BASINS 2X3-H
7C

STA 1011+29.3, 37.5' LT
CATCH BASINS 2X3-H
7A

P10A
12"

10A
STA 1014+07.6, 37.5' LT
CATCH BASINS 2X3-H

STA 1010+75.0, 0.5' LT
CATCH BASINS 2X3-H
8B

STA 1011+21.7, 6.3' LT
CATCH BASINS 4-H
8C

STA 1012+25.0, 1.5' LT
CATCH BASINS 2X3-H
8D

STH 50 R/L

STA 1013+71.9, 0.0'
CATCH BASINS 4-S
10C

P10B
12"

STA 1010+65.1, 0.7' RT
CATCH BASINS 2X3-H
8A

1010+00

1012+00

1013+00

1014+00

1019

P8B
15"
P8E
12"
P8D
12"
P8A
12"
P8C
15"

8E
STA 1011+57.9, 1.5' LT
CATCH BASINS 2X3-H

8F
STA 1011+47.9, 1.5' LT
CATCH BASINS 4-H

STH 50

STA 1013+37.5, 27.5' RT
MANHOLES 9-J
10

P10C
15"

STA 1011+26.4, 37.5' RT
CATCH BASINS 4-H
8I

8H
STA 1011+36.4, 37.5' RT
CATCH BASINS 4-H

STA 1013+25.0, 37.5' RT
CATCH BASINS 4-H
10D

18"
P9

P8E
18"
P10D
18"

MATCHLINE

MATCHLINE

18"
12"
P8H

P8I
18"

8G
STA 1011+46.4, 37.5' RT
CATCH BASINS 2X3-H

P8G

TILE

STA 1012+91.2, 68.2' RT
AEWCPRC 18-INCH
10E

P10D
18"

TLE

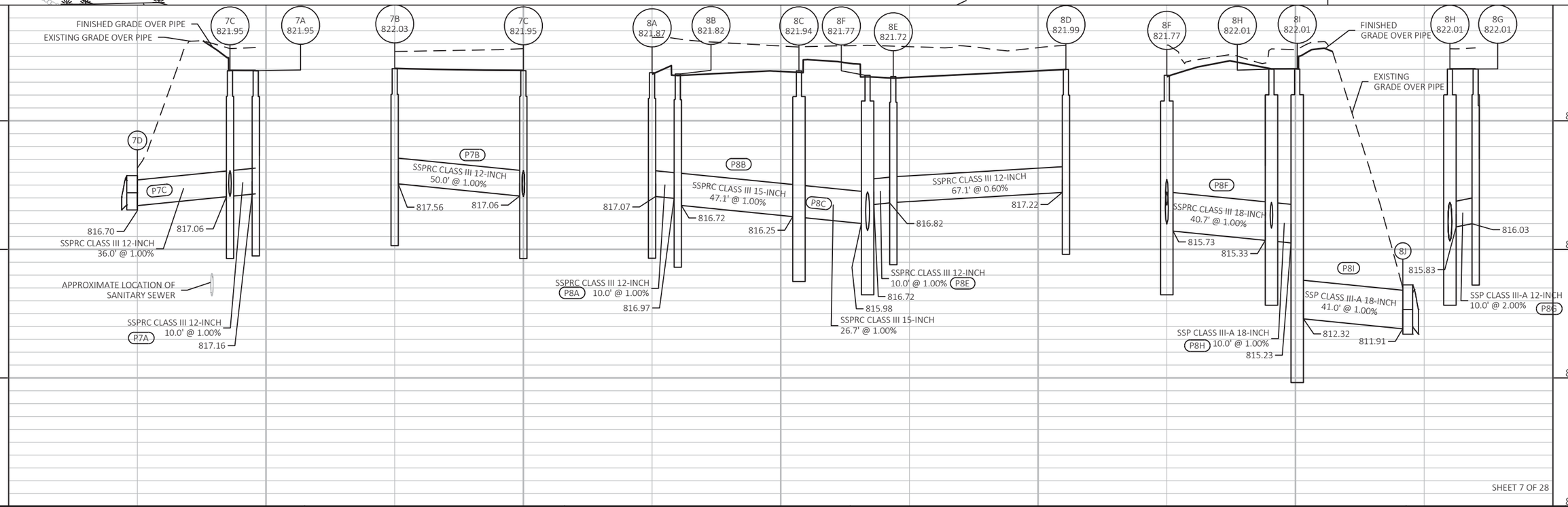
PROPOSED R/W

STA 1011+26.4, 78.5' RT
AEWCP 18-INCH
8J

SLOPE INTERCEPT

EXISTING R/W

NOTE: SEE POND DETAIL FOR POND
OUTFALL PIPE INFORMATION



SHEET 7 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 178	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-04

PLOT DATE : 7/30/2021 1:59 PM

PLOT BY : BLACKWOOD, JIM

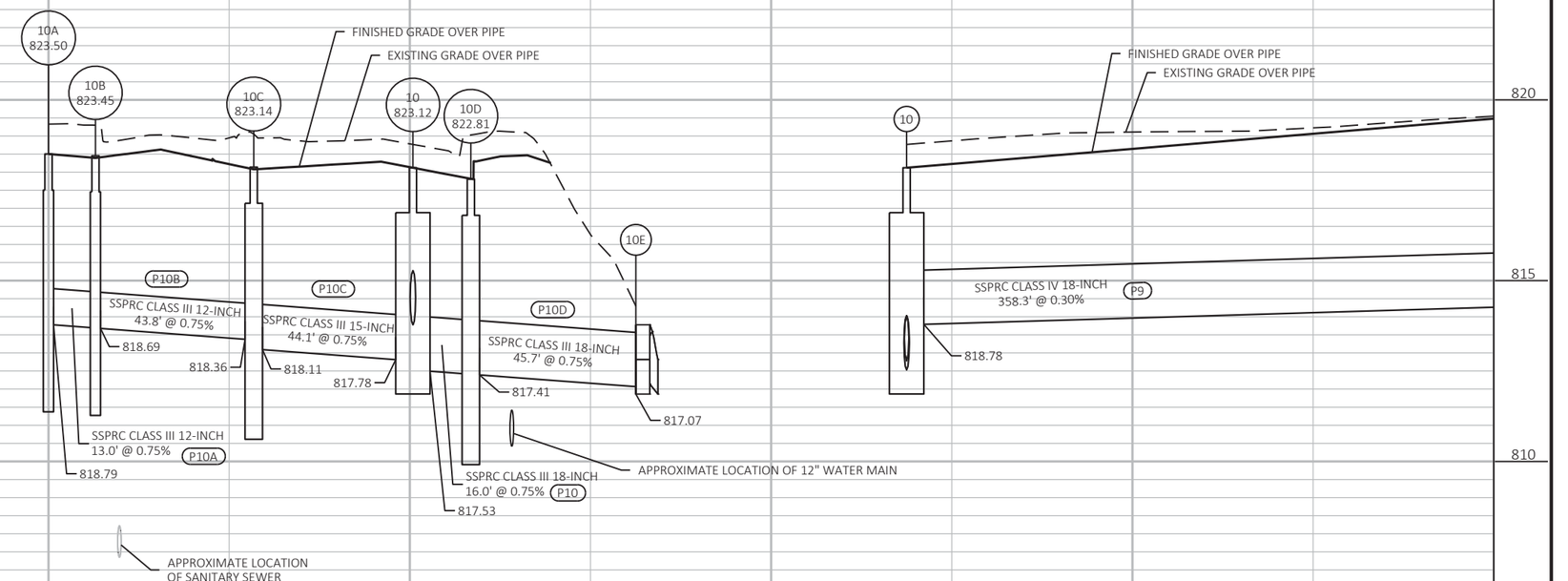
PLOT NAME :

PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41

2

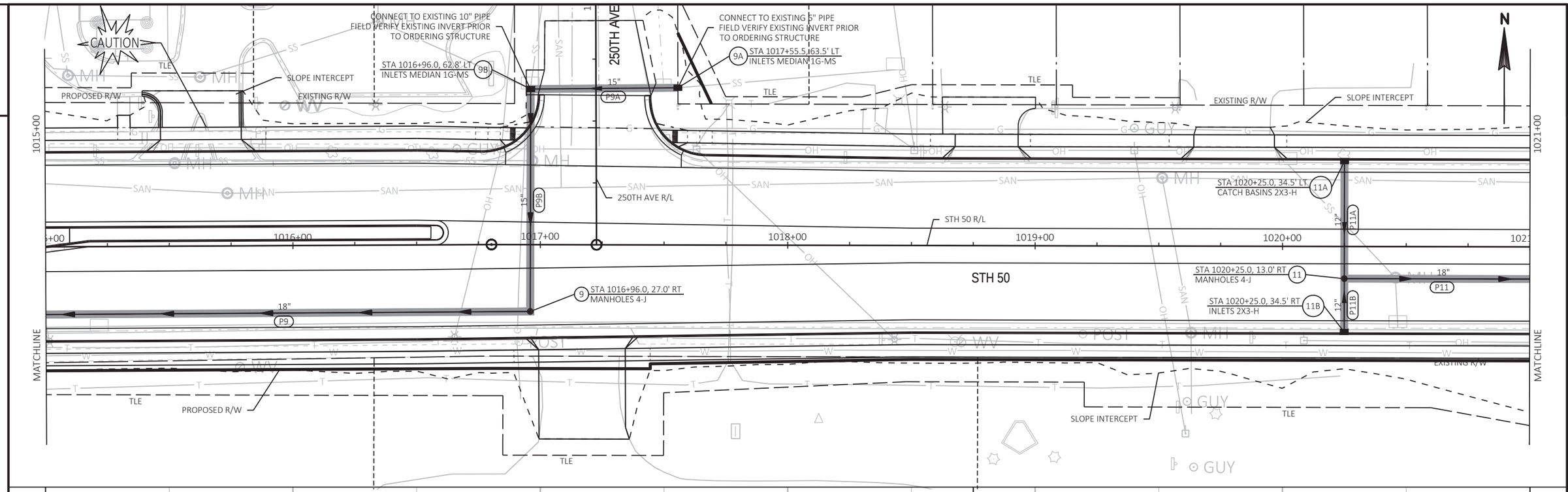
STA 1011+06.2, 71.0' LT
AEWCPRC 12-INCH
7D
TLE
SLOPE INTERCEPT
EXISTING R/W
STA 1013+95, 37.5' LT
CATCH BASINS 2X3-H
10B
CAUTION
N
TLE
R/W
1009+00
1015+00
P7C
12"
P7A
12"
P7B
STA 1010+69.3, 37.5' LT
CATCH BASINS 2X3-H
7B
STA 1011+19.3, 37.5' LT
CATCH BASINS 2X3-H
7C
STA 1011+29.3, 37.5' LT
CATCH BASINS 2X3-H
7A
P10A
12"
10A
STA 1014+07.6, 37.5' LT
CATCH BASINS 2X3-H
STA 1010+75.0, 0.5' LT
CATCH BASINS 2X3-H
8B
8C
STA 1011+21.7, 6.3' LT
CATCH BASINS 4-H
8D
STA 1012+25.0, 1.5' LT
CATCH BASINS 2X3-H
STH 50 R/L
STA 1013+71.9, 0.0'
CATCH BASINS 4-S
10C
P10B
12"
STA 1010+65.1, 0.7' RT
CATCH BASINS 2X3-H
8A
P8B
12"
15"
P8E
12"
P8D
12"
1010+00
1012+00
1013+00
1014+00
P8A
P8C
8E
STA 1011+57.9, 1.5' LT
CATCH BASINS 2X3-H
8F
STA 1011+47.9, 1.5' LT
CATCH BASINS 4-H
STA 1013+37.5, 27.5' RT
MANHOLES 9-J
10
P10C
15"
STH 50
P8F
18"
STA 1011+26.4, 37.5' RT
CATCH BASINS 4-H
8I
8H
STA 1011+36.4, 37.5' LT
CATCH BASINS 4-H
STA 1013+25.0, 37.5' RT
CATCH BASINS 4-H
10D
18"
P9
18"
P10D
MATCHLINE
18"
12"
P8H
WW
WW
P8I
18"
8G
STA 1011+46.4, 37.5' RT
CATCH BASINS 2X3-H
P8G
TILE
STA 1012+91.2, 68.2' RT
AEWCPRC 18-INCH
10E
P10D
18"
TLE
PROPOSED R/W
STA 1011+26.4, 78.5' RT
AEWCP 18-INCH
8J
SLOPE INTERCEPT
EXISTING R/W
NOTE: SEE POND DETAIL FOR POND
OUTFALL PIPE INFORMATION

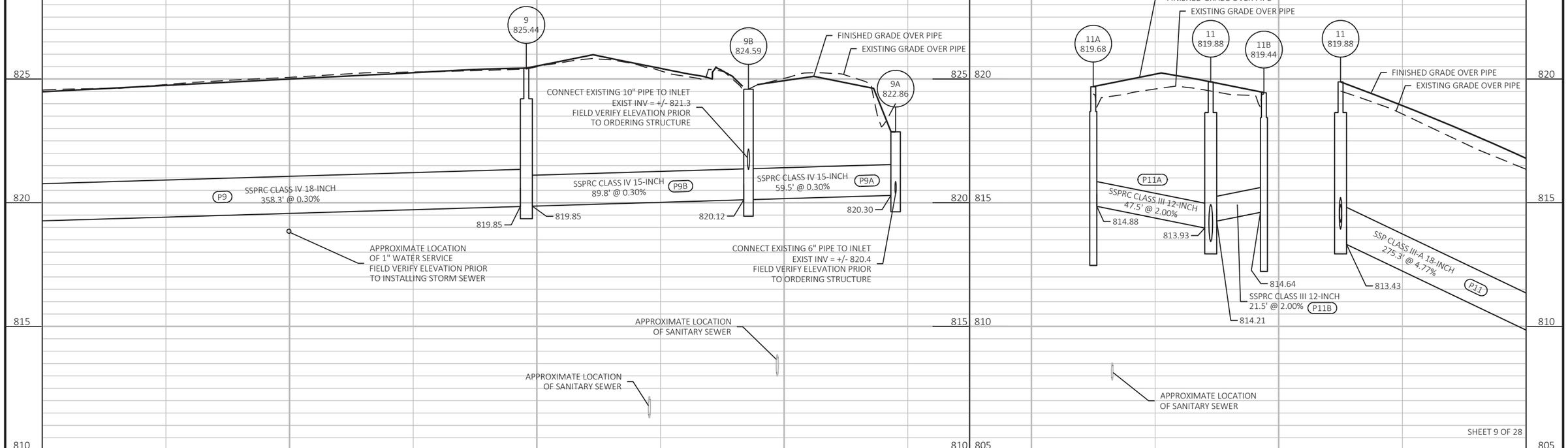


SHEET 8 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 179	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-04A
PLOT DATE : 7/30/2021 1:59 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41





SHEET 9 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 180	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-05
PLOT DATE : 7/30/2021 1:59 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

N

SLOPE INTERCEPT

EXISTING R/W

TLE

EXISTING R/W

STH 50

STH 50 R/L

1021+00

+00

1022+00

1023+00

1024+00

1025+00

1026+00

1027+00

MATCHLINE

MATCHLINE

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOIL

EXISTING R/W

STA 1023+00.0, 34.5' LT
CATCH BASINS 2X3-H
12A

STA 1023+00.0, 34.5' RT
CATCH BASINS 2X3-H
12B

STA 1023+00.0, 13.0' RT
MANHOLES 5-J
12

P11 18"

P12A 12"

P12B 12"

P12 24"

STA 1024+00.0, 13.8' RT
MANHOLES 8-J
13

CAUTION

TLE

CONNECT TO EXISTING 12" PIPE

STA 1024+20.9, 50.7' LT
INLETS MEDIAN 1G-MS
23E

P23E 15"

STA 1024+20.9, 34.5' LT
CATCH BASINS 2X3-H
23F

NOTE: SEE HIGH SCHOOL WEST DRIVEWAY STORM SEWER PLAN FOR ADDITIONAL STORM SEWER INFORMATION

SLOPE INTERCEPT

STA 1024+87.5, 34.5' RT
CATCH BASINS 2X3-H
14A

CONNECT TO EXIST 30" PIPE

STA 1025+19.5, 54.2' LT
INLETS MEDIAN 2G-MS
23D

STA 1025+29.6, 60.5' LT
INLETS MEDIAN 1G-MS
23C

CONNECT TO EXIST 10" PIPE

CONNECT TO EXIST 12" PIPE

P23C 18"

P23D 24"

EXISTING R/W

P23G 15"

248TH AVE R/L

P23H 15"

STA 1024+97.7, 34.5' LT
CATCH BASINS 2X3-H
23G

STA 1025+07.7, 34.5' LT
CATCH BASINS 6-H
23I

P23I 24"

STA 1025+17.0, 35.8' LT
CATCH BASINS 2X3-H
23H

STA 1025+13.8, 14.7' RT
MANHOLES 6-J
23

P13 60"

STA 1024+87.5, 14.5' RT
MANHOLES 8-J
14

P14 18"

P14A 12"

P22 18"

STA 1025+25.0, 14.5' RT
MANHOLES 8-J
22

248TH AVE

CONNECT TO EXIST 12" PIPE

P23B 15"

P23A 15"

STA 1025+87.7, 97.6' LT
CATCH BASINS 4-H
23B

STA 1025+97.5, 59.2' LT
INLETS MEDIAN 1G-MS
PROPOSED R/W
23A

TLE

P21A 12"

STA 1026+21.1, 34.5' LT
CATCH BASINS 2X3-H
21A

STA 1026+09.3, 5.5' LT
CATCH BASINS 4-H
21B

P21B 12"

P21C 12"

STA 1026+04.1, 5.1' RT
CATCH BASINS 4-H
21C

P21D 12"

STA 1026+04.1, 13.0' RT
MANHOLES 8-J
21

P20 24"

PROPOSED R/W

STA 1026+04.1, 34.5' RT
CATCH BASINS 2X3-H
21D

HIGH SCHOOL WEST DRIVEWAY R/L

PROP R/W

TLE

FINISHED GRADE OVER PIPE

EXISTING GRADE OVER PIPE

815
810
805
800
795

12
806.88

P11 SSP CLASS III-A 18-INCH
275.3' @ 4.77%

P12
SSPRC CLASS IV 24-INCH
100.0' @ 2.50%

800.31

799.81

815 805
810 800
805 795
800 790
795 785

13
802.78

14
801.22

23
801.13

22
801.15

21
802.17

FINISHED GRADE OVER PIPE

EXISTING GRADE OVER PIPE

P12
SSPRC CLASS IV 24-INCH
100.0' @ 2.50%

797.31

792.49

APPROX LOCATION
OF 1" WATER SERVICE

P13 SSPRC CLASS III 60-INCH
87.5' @ 1.00%

791.61

SSP CLASS III-A 18-INCH
P14 26.3' @ 1.00%

791.35

792.03

SSP CLASS III-A 18-INCH
11.2' @ 1.00% P22

791.92

CONNECT EXISTING 30" PIPE TO INLET
EXIST INV = +/- 789.3
FIELD VERIFY ELEVATION PRIOR
TO ORDERING STRUCTURE

SSPRC CLASS III 60-INCH
79.2' @ 1.00%

P21

792.82

P20 SSPRC CLASS IV 24-INCH
160.5' @ 2.69%

796.82

APPROX ELEV OF
6" FORCE MAIN

APPROXIMATE LOCATION
OF SANITARY SEWER

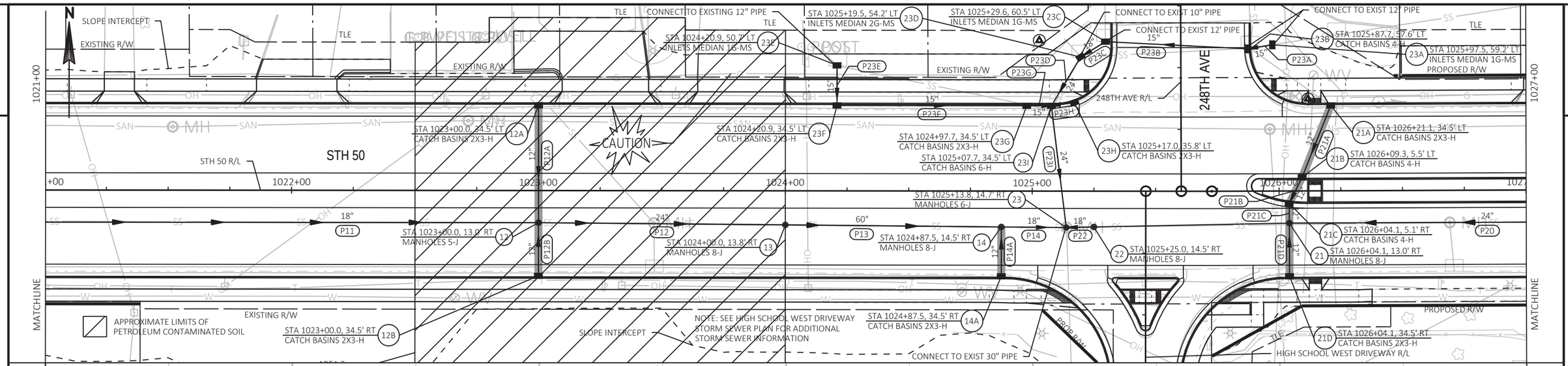
SHEET 10 OF 28

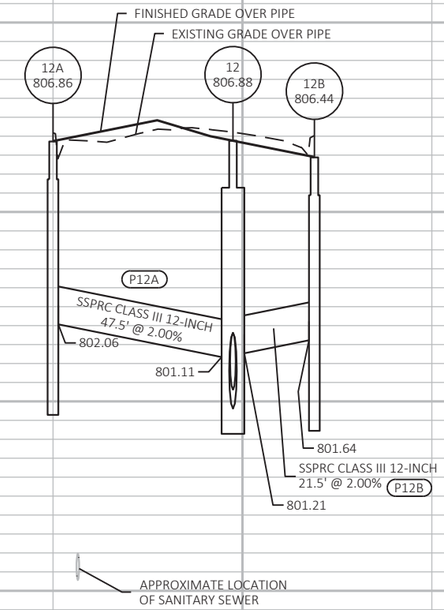
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 181	E

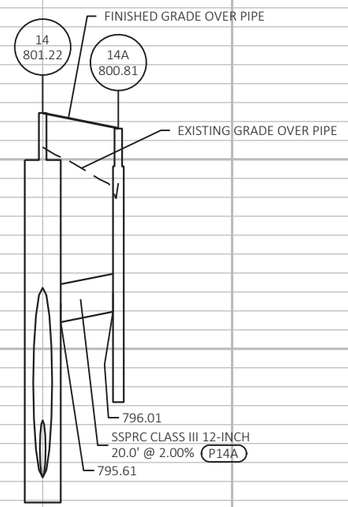
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-06

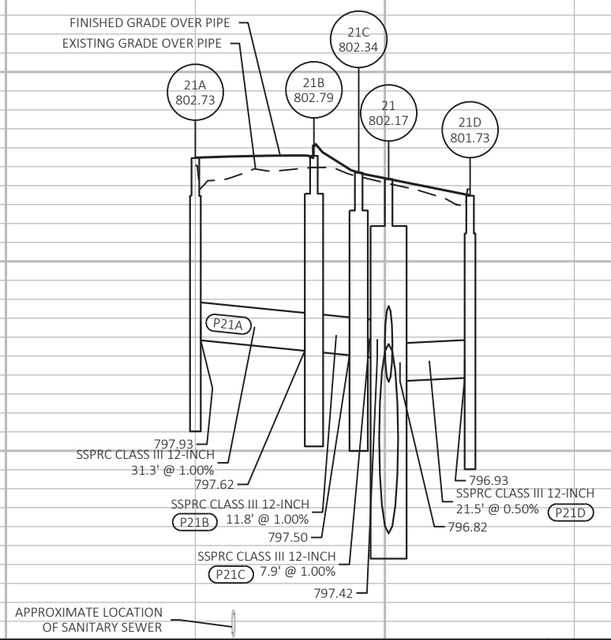
PLOT DATE : 7/30/2021 2:00 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41







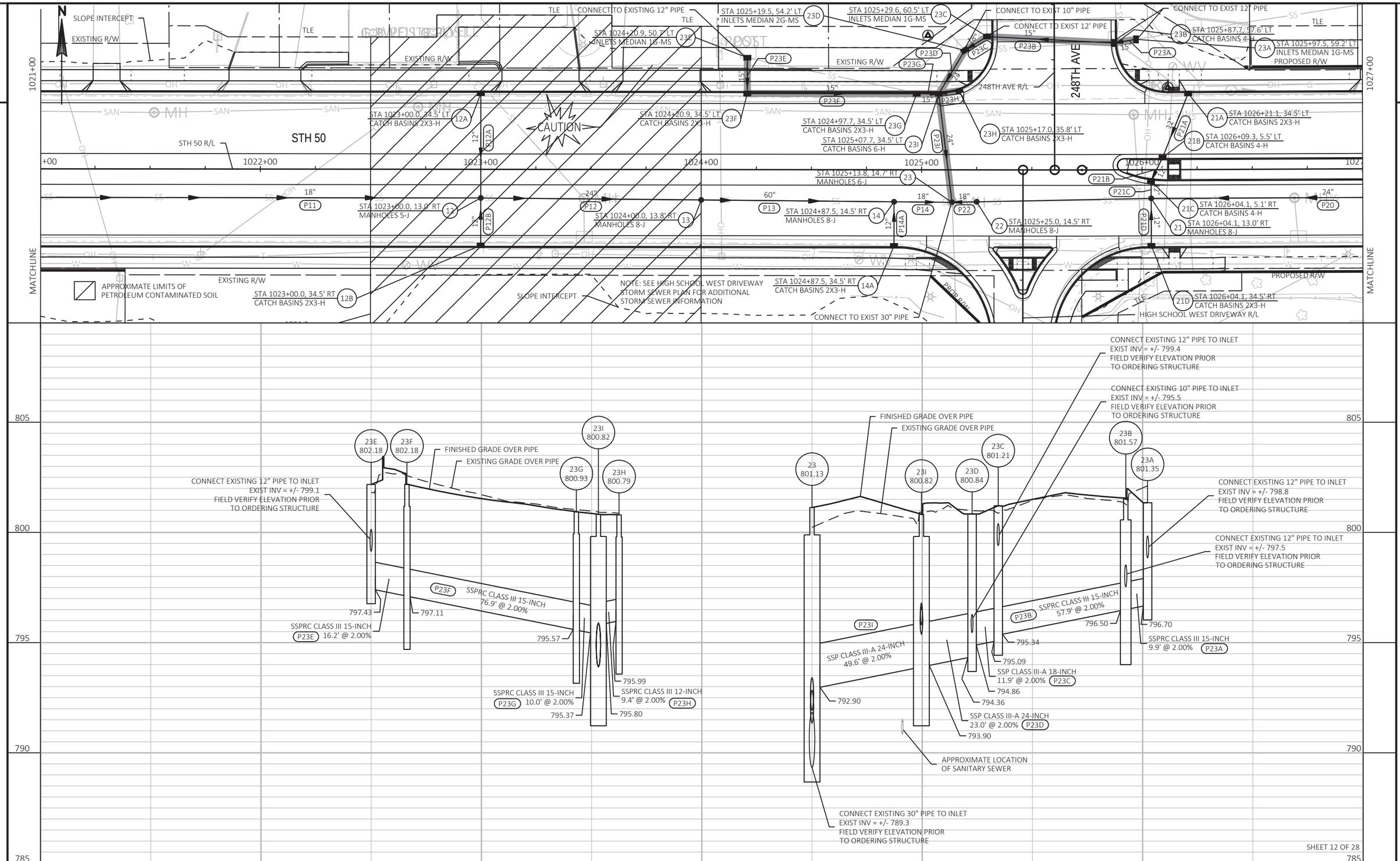


SHEET 11 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 182	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-06A

PLOT DATE : 7/30/2021 2:00 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT



SHEET 12 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 183	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-06B
PLOT DATE : 7/30/2021 2:00 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

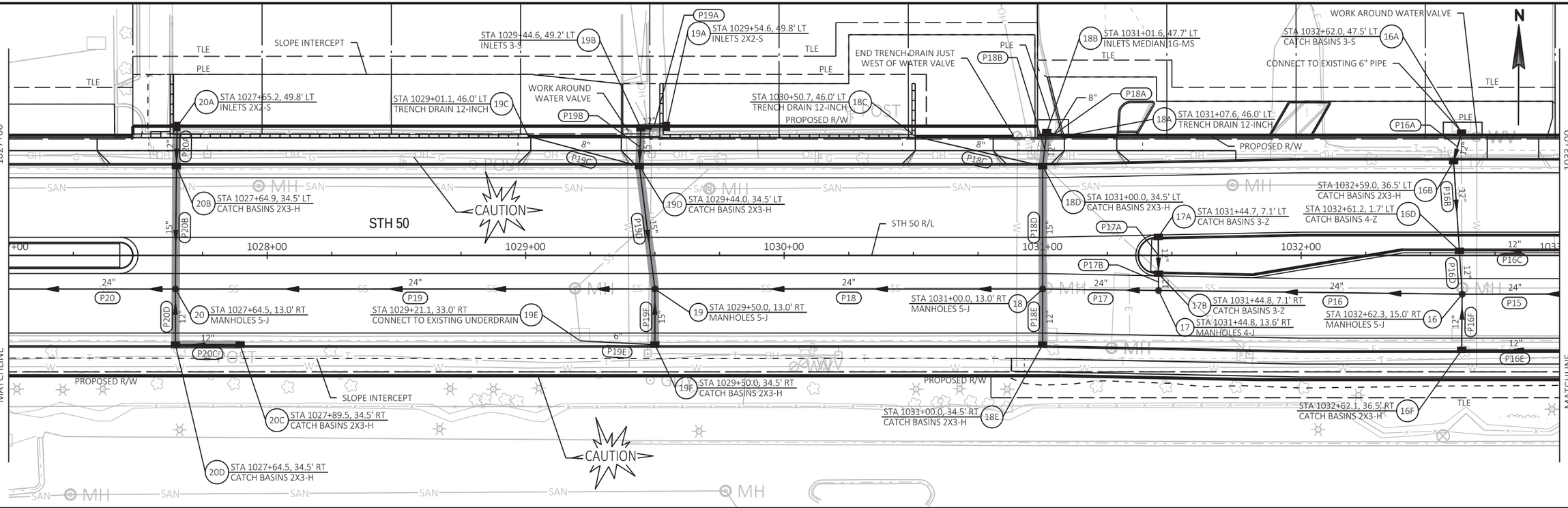
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 184	E

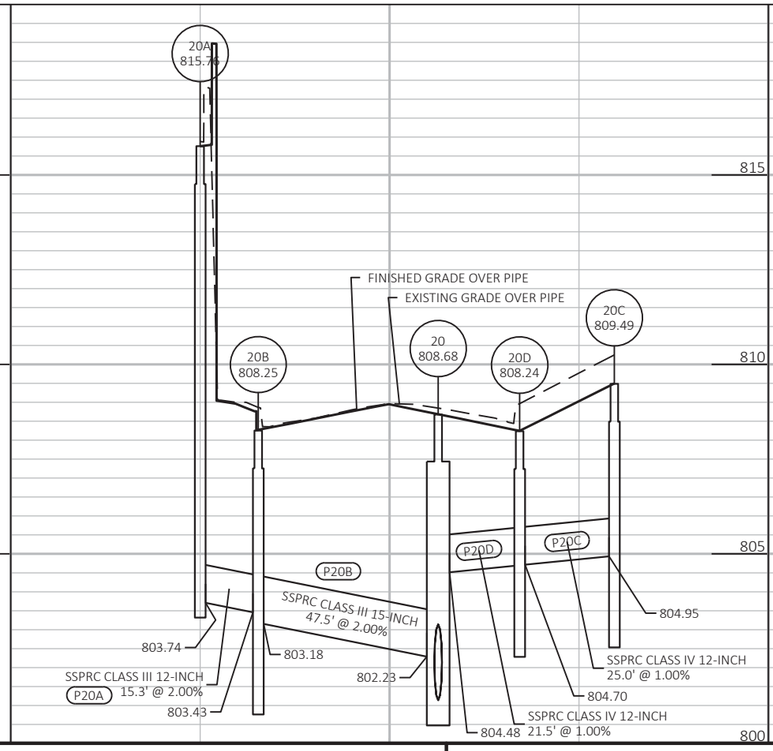
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-07

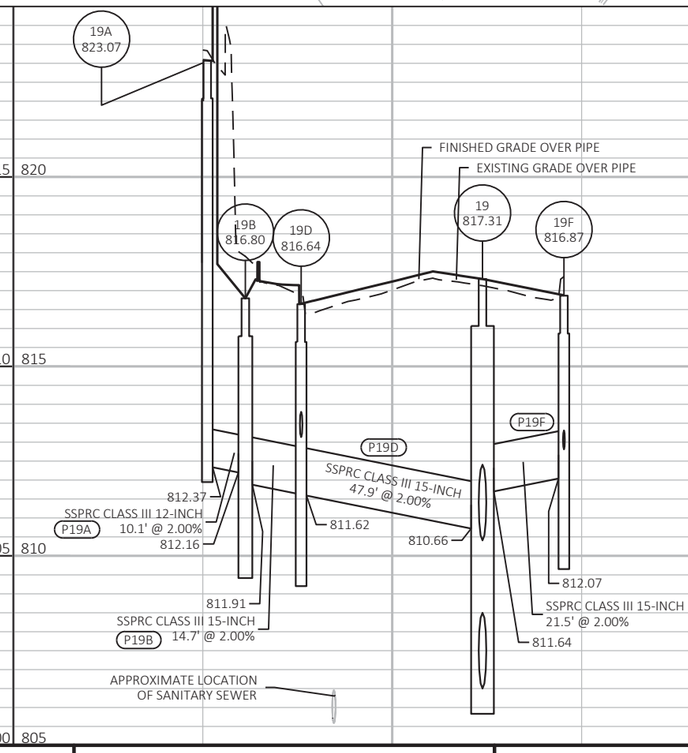
PLOT DATE : 7/30/2021 2:01 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

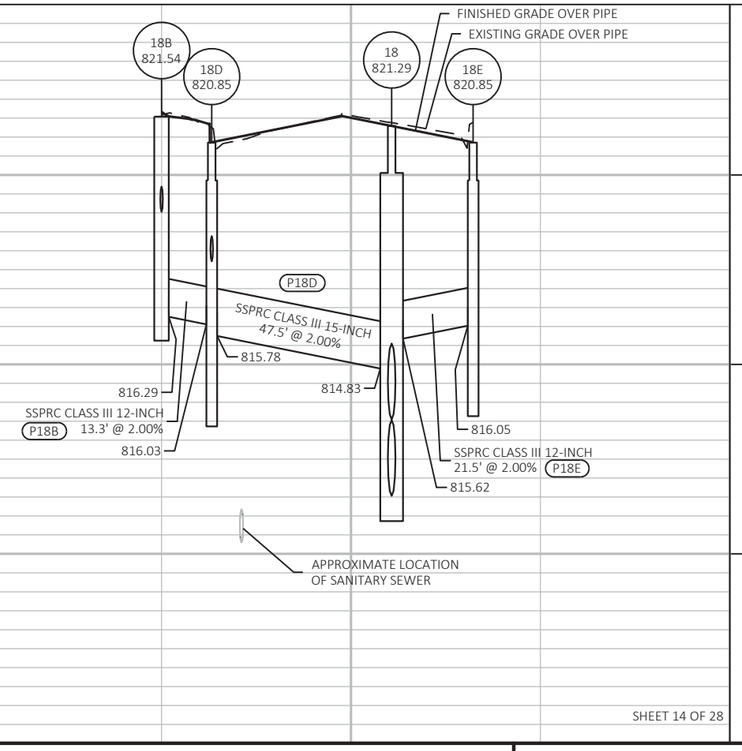
WISDOT/CADDS SHEET 41

2





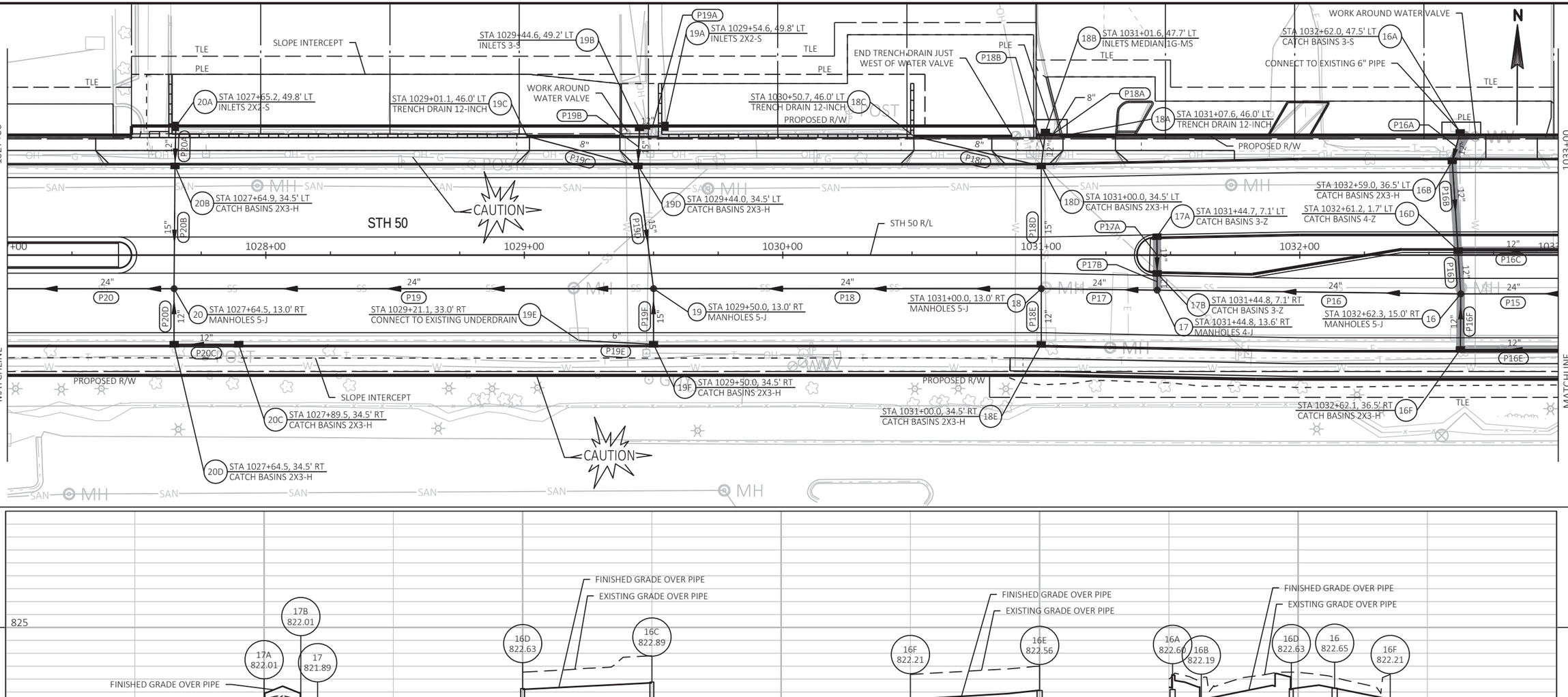


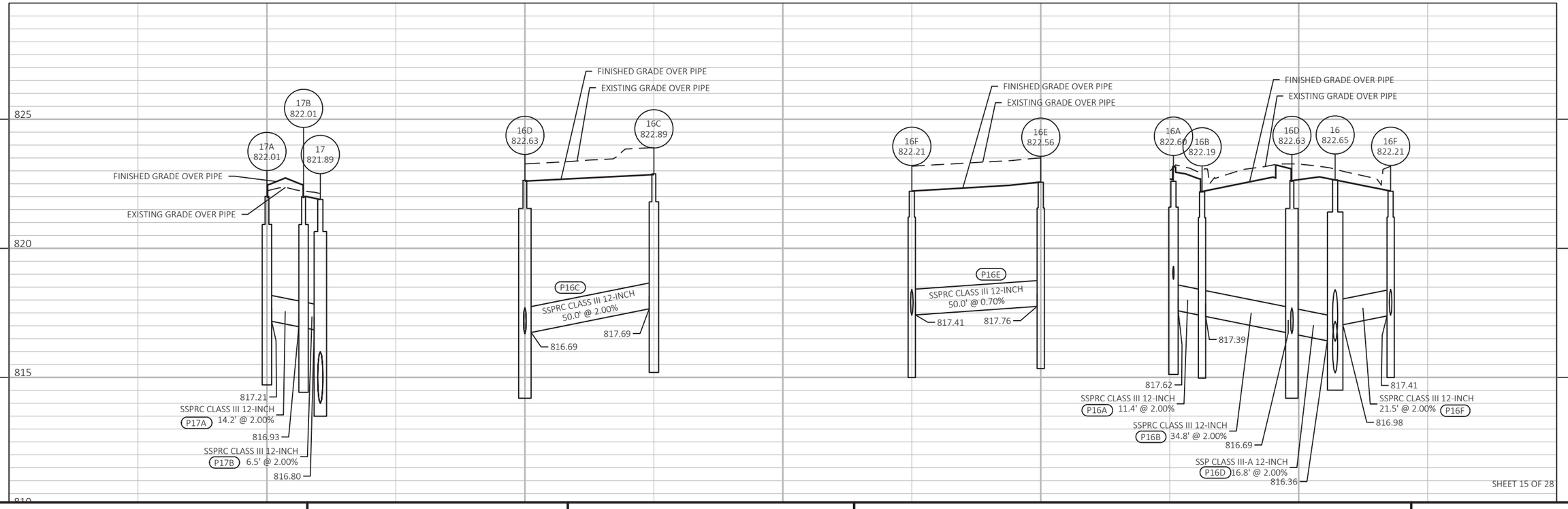


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 185	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-07A

PLOT DATE : 7/30/2021 2:01 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT



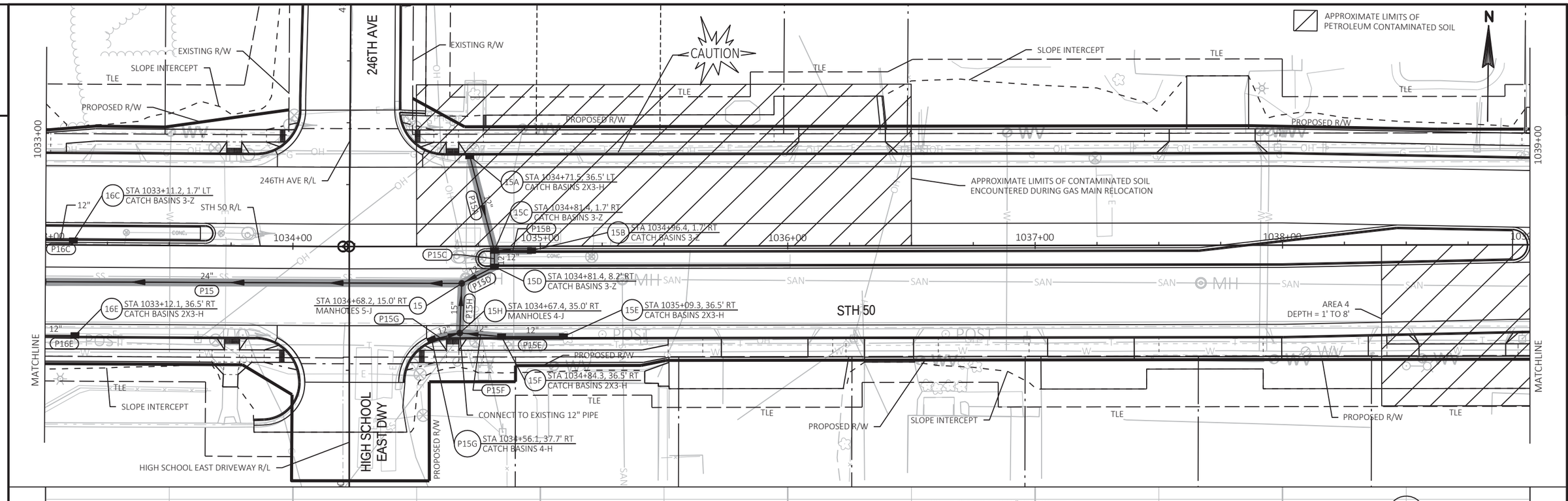


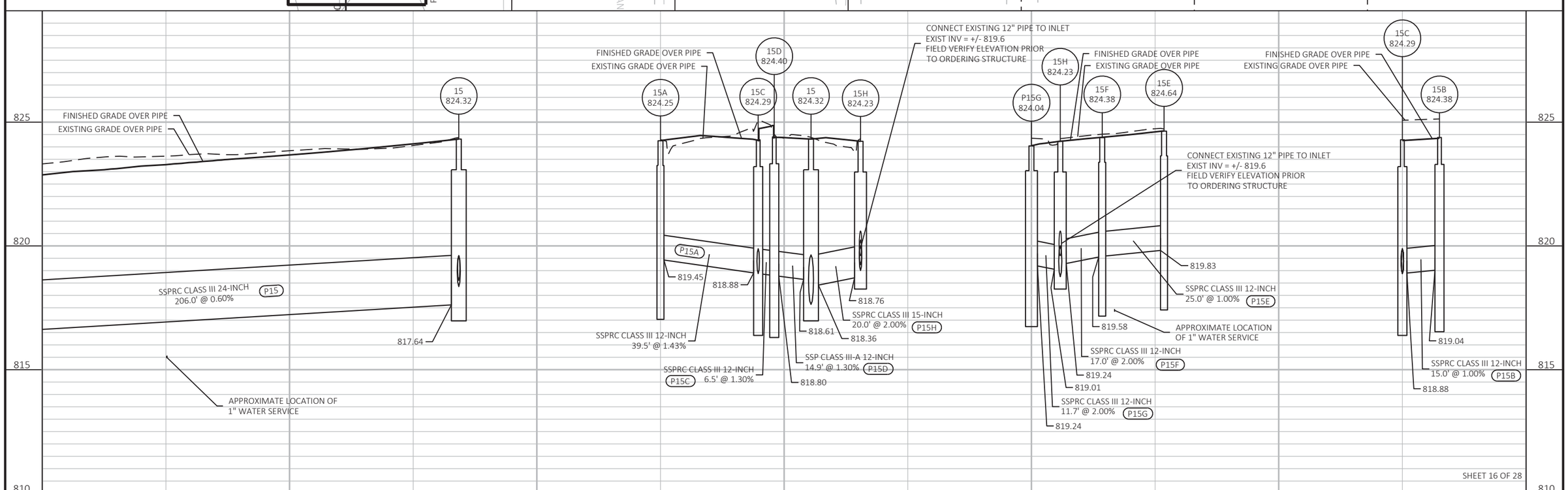
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 186	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-07B

PLOT DATE : 7/30/2021 2:01 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41





SHEET 16 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 187	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-08

PLOT DATE : 7/30/2021 2:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

CAUTION

TLE

PROPOSED R/W

STH 50

STH 50 R/L

243RD AVE

243RD AVE R/L

244TH AVE

244TH AVE R/L

MATCHLINE

1039+00

1040+00

1041+00

1042+00

1043+00

1044+00

1045+00

STA 1042+95.5, 56.6' LT
CATCH BASINS 4-H
34

STA 1042+77.4, 35.1' LT
CATCH BASINS 2X3-H
33A

STA 1042+95.7, 33.1' LT
MANHOLES 4-J
33

STA 1040+30.6, 13.0' RT
MANHOLES 5-J
30

STA 1041+25.0, 13.0' RT
MANHOLES 4-J
31

STA 1042+96.2, 13.0' RT
MANHOLES 5-J
32

STA 1044+71.6, 13.0' RT
MANHOLES 4-J
42

STA 1044+71.6, 34.5' RT
CATCH BASINS 2X3-H
42B

STA 64+50.2, 22.5' LT
CATCH BASINS 2X3-H
30A

STA 64+40.3, 21.0' LT
CATCH BASINS 4-H
30B

STA 64+50.6, 24.0' RT
CATCH BASINS 4-H
30E

STA 64+40.7, 22.5' RT
CATCH BASINS 4-H
30D

STA 64+11.7, 18.2' RT
INLETS 2X3-H
30C

STA 1041+25.0, 34.5' RT
CATCH BASINS 2X3-H
31B

STA 1041+65.0, 34.5' RT
CATCH BASINS 2X3-H
31A

STA 1042+96.2, 34.5' RT
CATCH BASINS 2X3-H
32A

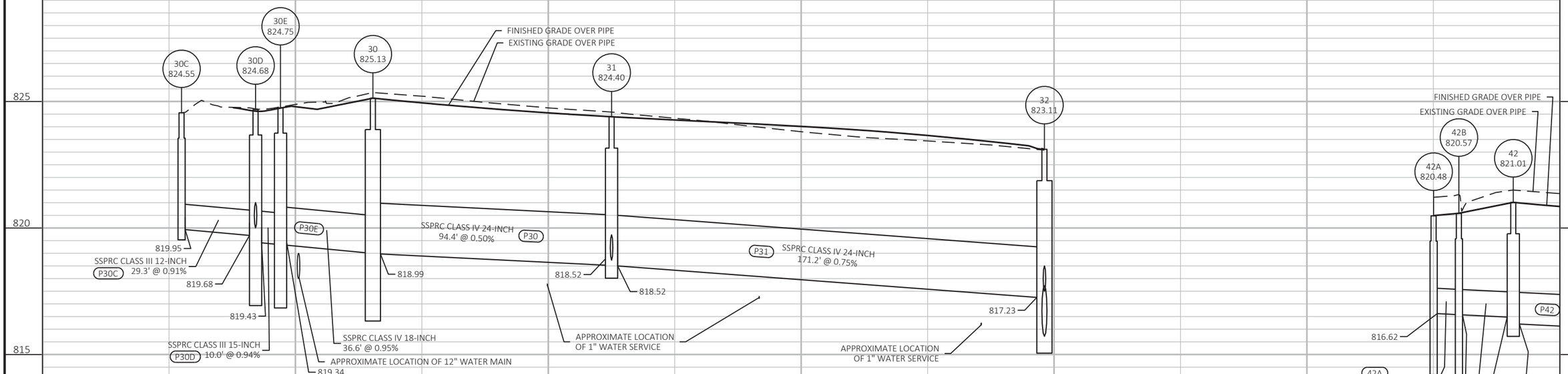
STA 1044+81.6, 34.5' RT
CATCH BASINS 2X3-H
42A

EXISTING R/W

CONNECT TO EXISTING 12" PIPE

APPROXIMATE LIMITS OF
PETROLEUM CONTAMINATED SOIL

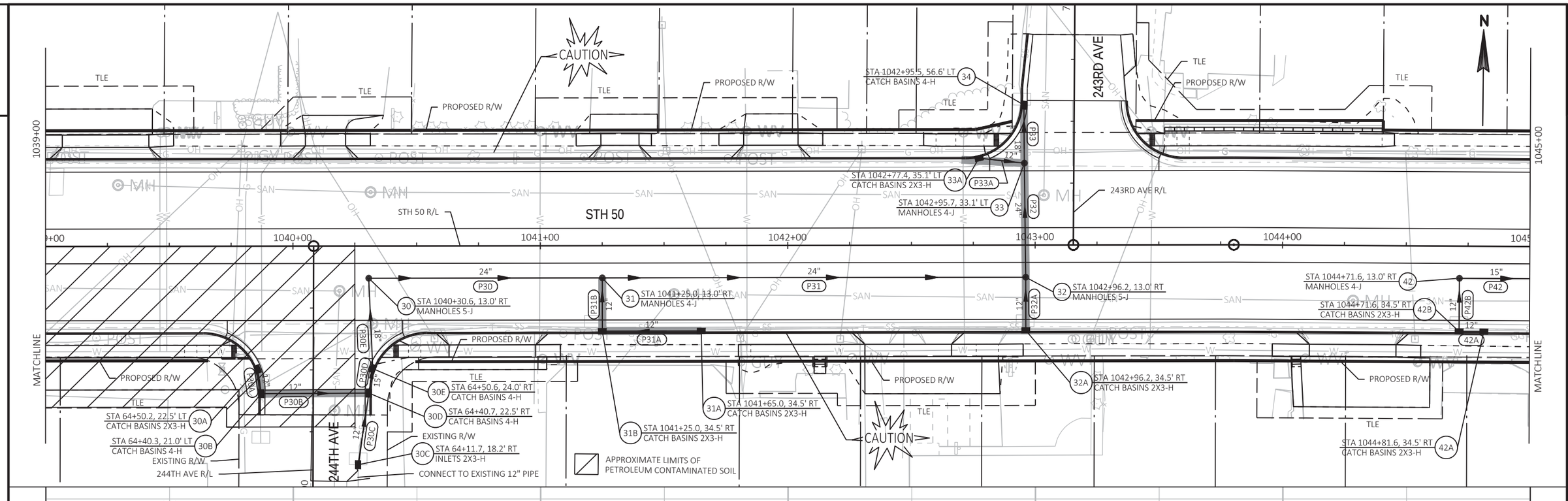
P30 24"
P30A 18"
P30B 12"
P30C 12"
P30D 15"
P30E 18"
P31 24"
P31A 12"
P31B 12"
P32 24"
P32A 12"
P33 18"
P33A 12"
P42 15"
P42B 12"

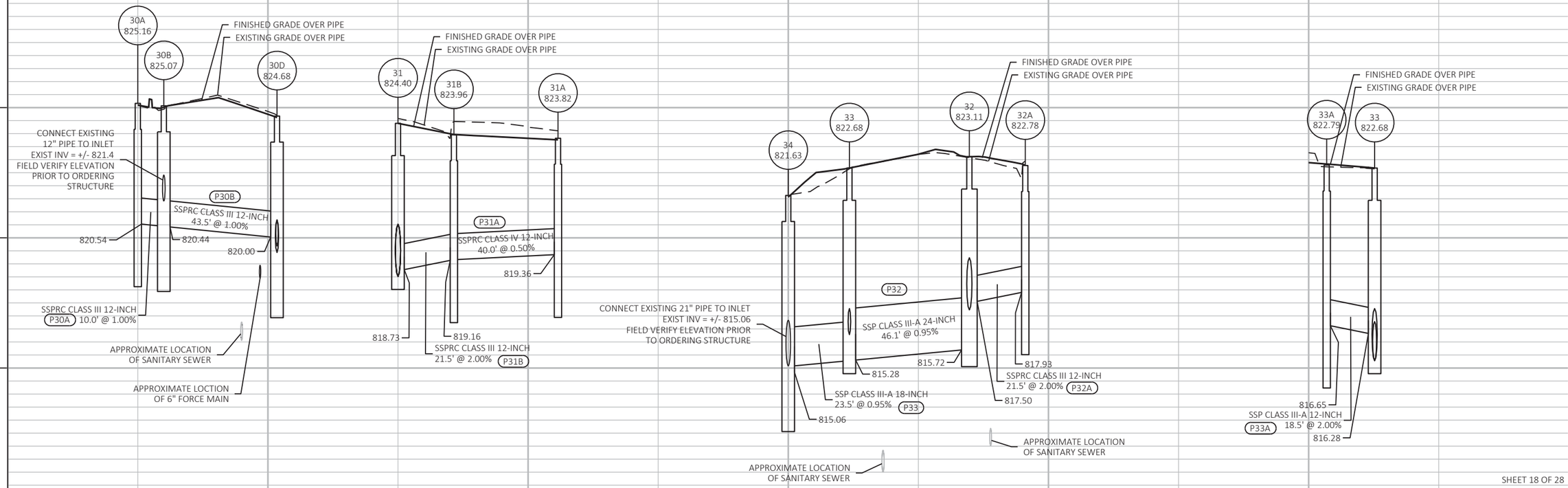


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 188	E

SHEET 17 OF 28

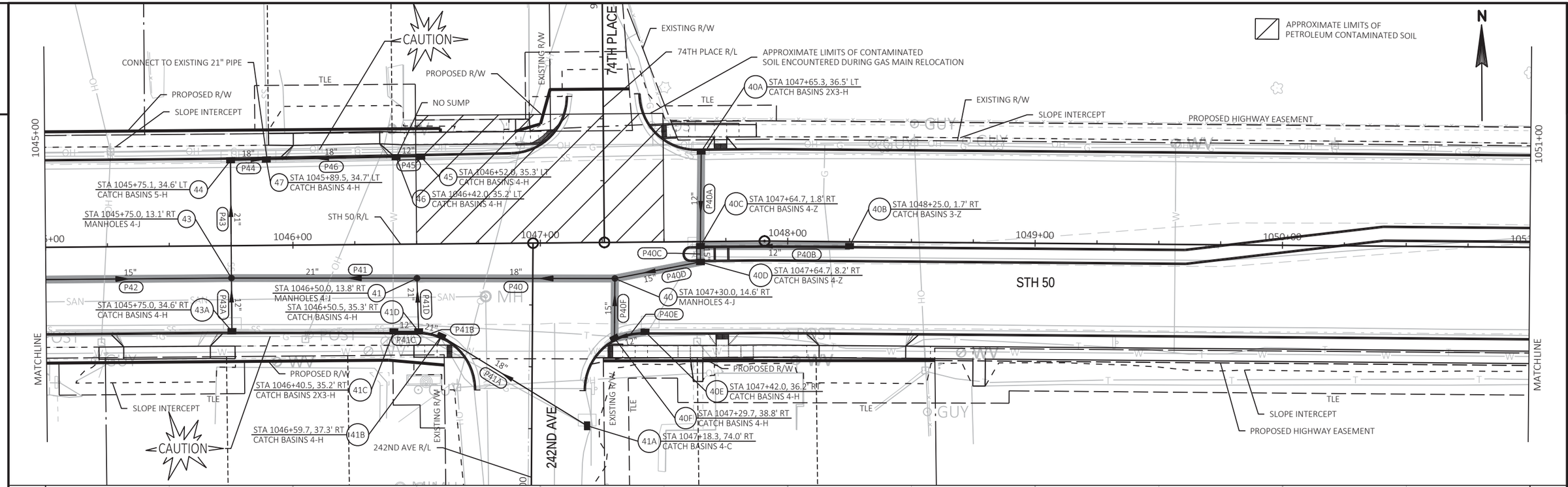
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-09
PLOT DATE : 7/30/2021 2:02 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

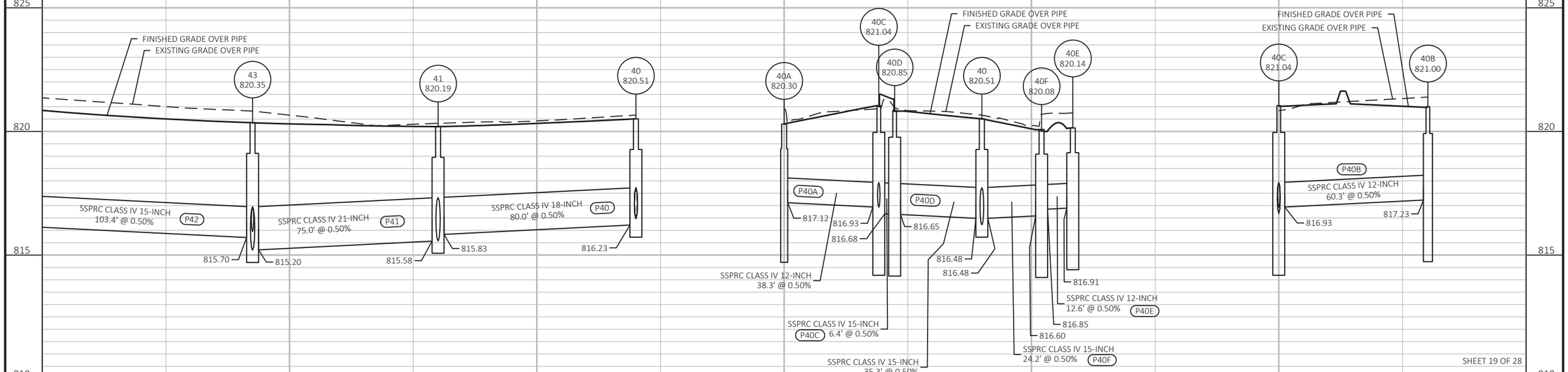




PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 189	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-09A
PLOT DATE : 7/30/2021 2:02 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41





PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 190	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-10

PLOT DATE : 7/30/2021 2:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41

CAUTION

CONNECT TO EXISTING 21" PIPE

PROPOSED R/W

SLOPE INTERCEPT

TLE

PROPOSED R/W

NO SUMP

EXISTING R/W

74TH PLACE

EXISTING R/W

74TH PLACE R/L

APPROXIMATE LIMITS OF CONTAMINATED SOIL ENCOUNTERED DURING GAS MAIN RELOCATION

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOIL

N

40A STA 1047+65.3, 36.5' LT CATCH BASINS 2X3-H

TLE

EXISTING R/W

SLOPE INTERCEPT

PROPOSED HIGHWAY EASEMENT

1045+00

1051+00

18" P44 18" P46 12" P45

44 STA 1045+75.1, 34.6' LT CATCH BASINS 5-H

47 STA 1045+89.5, 34.7' LT CATCH BASINS 4-H

45 STA 1046+52.0, 35.3' LT CATCH BASINS 4-H

46 STA 1046+42.0, 35.2' LT CATCH BASINS 4-H

12" P40A

40C STA 1047+64.7, 1.8' RT CATCH BASINS 4-Z

40B STA 1048+25.0, 1.7' RT CATCH BASINS 3-Z

43 STA 1045+75.0, 13.1' RT MANHOLES 4-J

P43 21"

STH 50 R/L

1046+00

1047+00

1048+00

1049+00

1050+00

P40C 15" P40B 12"

15" P42 21" P41 18" P40

P40D 15"

40D STA 1047+64.7, 8.2' RT CATCH BASINS 4-Z

STH 50

40 STA 1047+30.0, 14.6' RT MANHOLES 4-J

43A STA 1045+75.0, 34.6' RT CATCH BASINS 4-H

P43A 12"

41 STA 1046+50.0, 13.8' RT MANHOLES 4-J

41D STA 1046+50.5, 35.3' RT CATCH BASINS 4-H

21" P41D 12" P41C 21" P41B

15" P40F

P40E 12"

MATCHLINE

MATCHLINE

PROPOSED R/W

41C STA 1046+40.5, 35.2' RT CATCH BASINS 2X3-H

TLE

SLOPE INTERCEPT

CAUTION

41B STA 1046+59.7, 37.3' RT CATCH BASINS 4-H

242ND AVE R/L

EXISTING R/W

242ND AVE

18" P41A

40E STA 1047+42.0, 36.2' RT CATCH BASINS 4-H

40F STA 1047+29.7, 38.8' RT CATCH BASINS 4-H

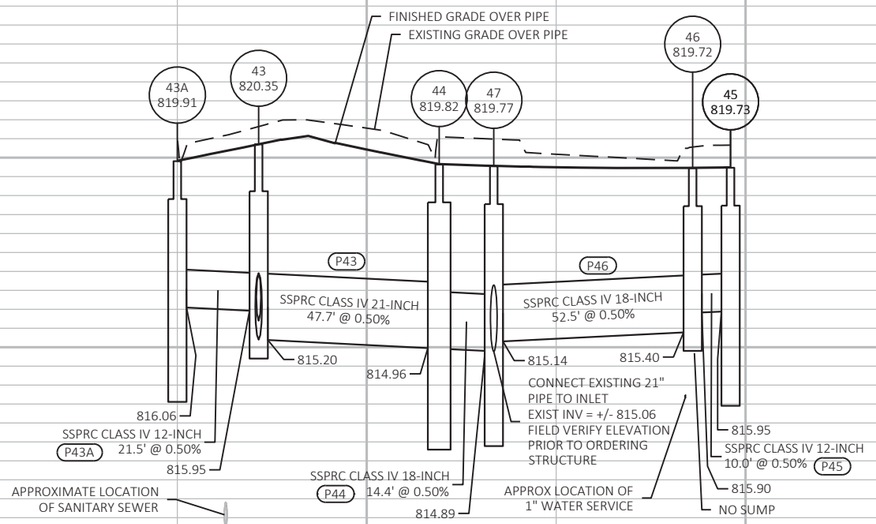
41A STA 1047+18.3, 74.0' RT CATCH BASINS 4-C

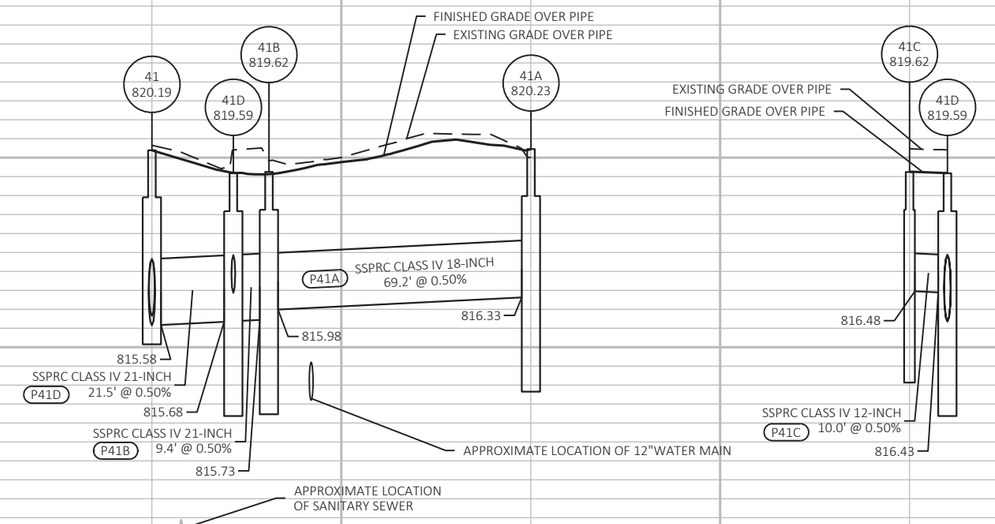
TLE

TLE

SLOPE INTERCEPT

PROPOSED HIGHWAY EASEMENT





SHEET 20 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 191	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-10A
PLOT DATE : 7/30/2021 2:03 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

2

N

CAUTION

TLE

SLOPE INTERCEPT

EXISTING R/W

CONNECT TO EXISTING 12" PIPE

PROPOSED HIGHWAY EASEMENT

1051+00

1057+00

STA 1052+21.7, 36.5' LT
CATCH BASINS 2X3-H
50A

STA 1052+21.7, 8.3' LT
CATCH BASINS 3-Z
50B

STA 1052+21.7, 1.7' LT
CATCH BASINS 3-Z
50C

STA 1052+21.7, 36.5' RT
CATCH BASINS 4-H
50D

STH 50

STH 50 R/L

STA 1054+82.3, 36.5' LT
CATCH BASINS 4-H
60A

STA 1055+01.9, 2.6' LT
CATCH BASINS 4-H
60B

STA 1055+07.6, 7.5' RT
CATCH BASINS 4-H
60C

STA 1055+25.0, 36.5' RT
CATCH BASINS 4-H
60E

STA 1055+25.0, 26.5' RT
MANHOLES 4-J
60

STA 1055+22.7, 56.2' RT
INLETS MEDIAN 1G-MS
60D

STA 1053+05.5, 64.9' RT
AEWCP 18-INCH
50E

12" P50A

15" P50B

15" P50C

18" P50D

15" P60A

15" P60B

15" P60C

15" P60D

24" P60

P60E

1052+00 1053+00 1054+00 1055+00 1056+00

ASPH.

MATCHLINE

PROPOSED HIGHWAY EASEMENT

TLE

SLOPE INTERCEPT

NO SUMP

EXISTING R/W

EXISTING R/W

TLE

MATCHLINE

50A 817.42
50B 817.50
50C 817.30
50D 817.42
50E

FINISHED GRADE OVER PIPE
EXISTING GRADE OVER PIPE

812.62
SSPRC CLASS III 12-INCH
P50A 28.3' @ 1.00%

812.34
812.09
SSPRC CLASS III 15-INCH
P50B 6.5' @ 1.00%

812.02
811.64
SSPRC CLASS III 15-INCH
P50C 38.3' @ 1.00%

811.64
P50D SSPRC CLASS III 18-INCH
88.4' @ 1.00%

810.76

APPROXIMATE LOCATION
OF 12" WATER MAIN

820 815 810 805

60A 805.43
60B 804.44
60C 804.25
60 803.51
60E 803.30
60D 803.72
60

FINISHED GRADE OVER PIPE
EXISTING GRADE OVER PIPE

CONNECT EXISTING
12" PIPE TO INLET
EXIST INV = +/- 801.7
FIELD VERIFY ELEVATION
PRIOR TO ORDERING
STRUCTURE

P60A
800.31

SSPRC CLASS III 15-INCH
39.1' @ 2.50%

799.34
P60C
SSPRC CLASS III 15-INCH
11.6' @ 1.50%
P60B

799.16
SSPRC CLASS III 15-INCH
25.8' @ 4.00%

798.13

799.20
SSPRC CLASS IV 15-INCH
19.8' @ 1.00%
P60D

799.00
NO SUMP
798.23
APPROXIMATE LOCATION OF 12" WATER MAIN
SSPRC CLASS III 15-INCH
10.0' @ 1.00%
P60E

798.13

796.66
SSPRC CLASS IV 24-INCH
296.7' @ 3.50%
P60

820 815 810 805 800 795 790

FINISHED GRADE OVER PIPE
EXISTING GRADE OVER PIPE

SHEET 21 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 192	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-11

PLOT DATE : 7/30/2021 2:03 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

N

CAUTION

REMOVE AND REINSTALL LAST
3 SECTIONS OF PIPE WITH JOINT TIES.
PAID FOR A CULVERT PIPE SALVAGED 36-INCH
AND AEW FOR CULVERT PIPE SALVAGED 36-INCH.

PROPOSED HIGHWAY EASEMENT
EXISTING R/W
SLOPE INTERCEPT
STH 50 R/L
STH 50
236TH AVE
236TH AVE R/L
EXISTING R/W
CONNECT TO EXISTING 21" PIPE
MATCHLINE
MATCHLINE
1057+00
1058+00
1059+00
1060+00
1061+00
1062+00
1063+00
1063+05

STA 1058+21.5, 36.5' LT
CATCH BASINS 2X3-H
61A
P61A 12"

STA 1058+21.5, 7.5' LT
CATCH BASINS 2X3-H
61B
P61B 15"

STA 1058+21.5, 8.1' RT
CATCH BASINS 2X3-H
61C
P61C 15"

STA 1058+21.5, 27.1' RT
MANHOLES 5-J
61
P61 24"
P60 24"

STA 1058+21.5, 37.1' RT
CATCH BASINS 4-H
62
P62 24"

STA 1058+92.8, 68.7' RT
AEWCPRC 24-INCH
63

STA 1060+67.6, 37.5' LT
CATCH BASINS 2X3-H
70B
P70B
P70A

STA 1060+47.7, 37.5' LT
CATCH BASINS 2X3-H
70A
P70A 12"

STA 1060+47.7, 8.5' LT
CATCH BASINS 2X3-H
70D
P70D 15"

STA 1060+47.7, 1.5' LT
CATCH BASINS 2X3-H
70F
P70F 14"X23"

STA 1060+47.7, 37.5' RT
CATCH BASINS 2X3-H
70H
P70H 14"X23"

STA 1060+57.7, 37.5' LT
CATCH BASINS 2X3-H
70C
P70C 15"

STA 1060+57.7, 8.5' LT
CATCH BASINS 2X3-H
70E
P70E 12"

STA 1060+57.7, 1.5' LT
CATCH BASINS 2X3-H
70G
P70E 12"

STA 1060+57.7, 37.5' RT
CATCH BASINS 2X3-H
70I
P70I 14"X23"

STA 1060+57.7, 59.5' RT
AEWCPRCHE 14X23-INCH
71

REMOVE AND REINSTALL LAST
3 SECTIONS OF PIPE WITH JOINT TIES.
PAID FOR A CULVERT PIPE SALVAGED 36-INCH AND
AEW FOR CULVERT PIPE SALVAGED 36-INCH.

SLOPE INTERCEPT

STA 1062+03.8, 80.1' LT
CATCH BASINS 2X3-H
80A
P80A 12"

STA 1062+53.8, 83.4' LT
CATCH BASINS 2X3-H
80C
P80C 12"

STA 1062+37.5, 79.5' LT
MANHOLES 5-J
80B
P80B 19"X30"
P80D 19"X30"

STA 1062+55.1, 73.5' LT
CATCH BASINS 6-H
80D

STA 1062+99.7, 58.3' LT
INLETS MEDIAN 2G-MS
80E
P80E 24"

STA 1062+60.1, 3.4' LT
CATCH BASINS 2X3-H
81A
P81A 12"

STA 1062+60.2, 4.0' RT
CATCH BASINS 4-H
81B
P81B 15"

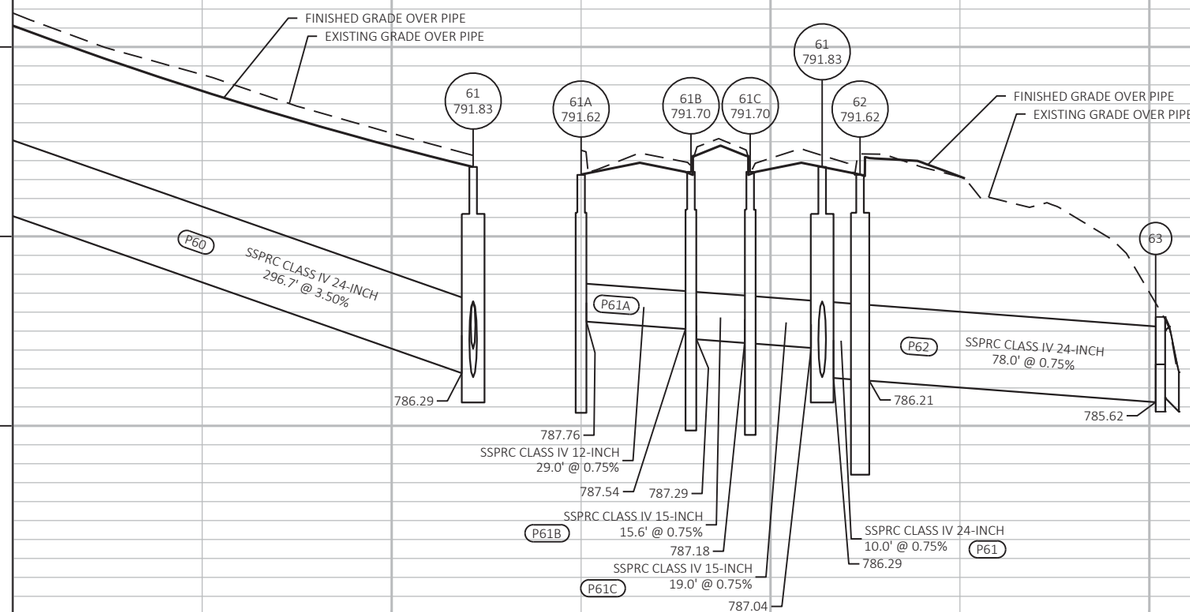
STA 1062+87.5, 8.6' RT
CATCH BASINS 4-H
81
P81 24"

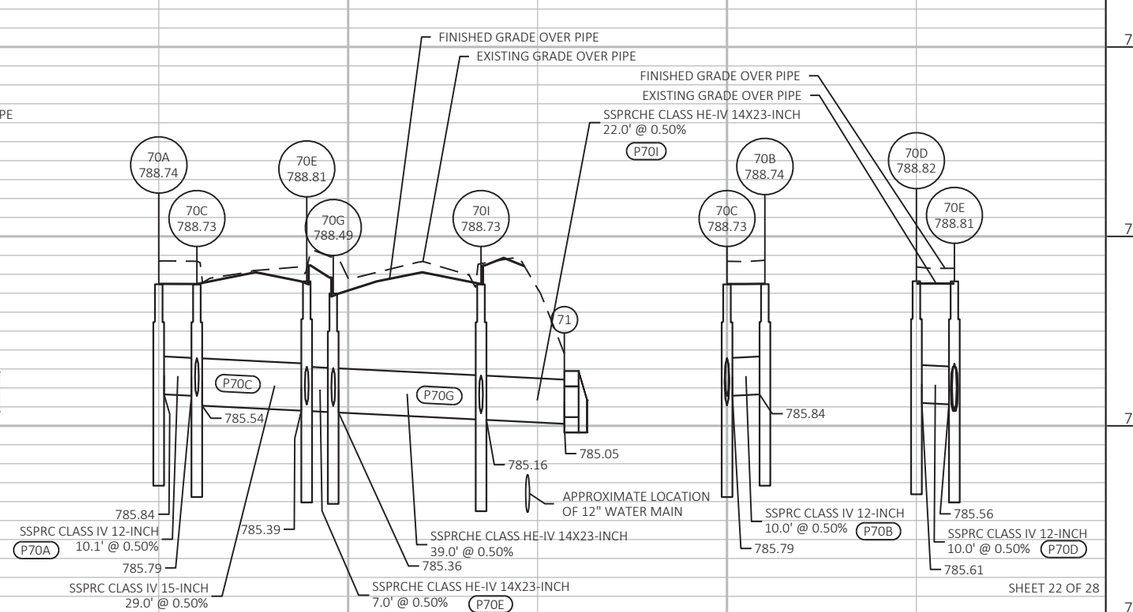
STA 1062+87.2, 37.5' RT
CATCH BASINS 2X3-H
82
P82 24"

STA 1062+87.6, 65.5' RT
AEWCPRC 24-INCH
83

STA 1063+00.2, 37.5' LT
CATCH BASINS 4-H
80
P80 24"

EXISTING R/W
EXISTING R/W

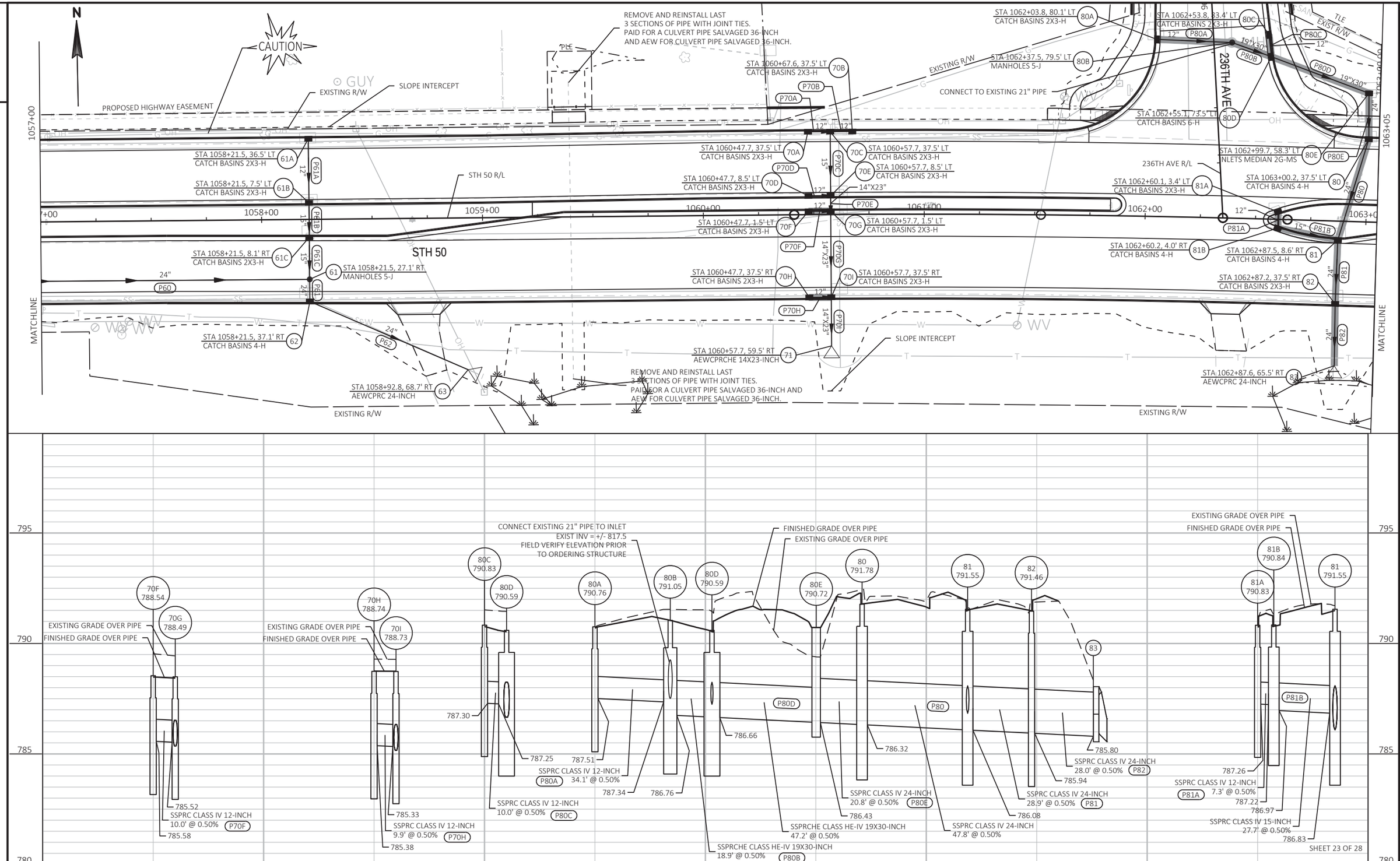




SHEET 22 OF 28

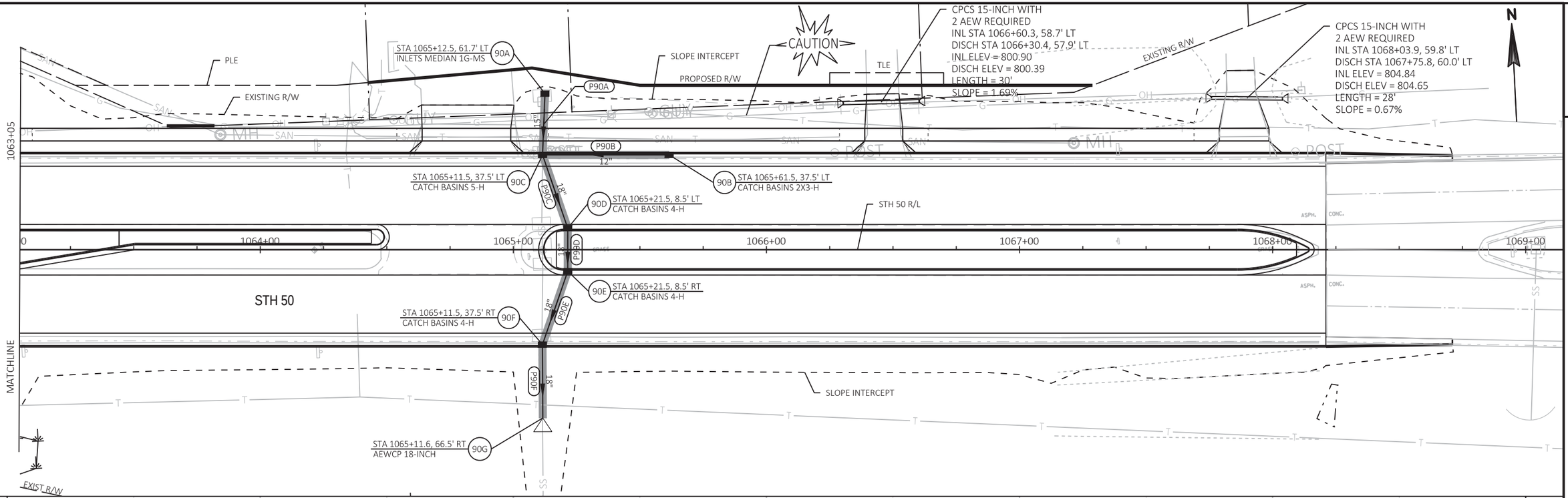
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 193	E

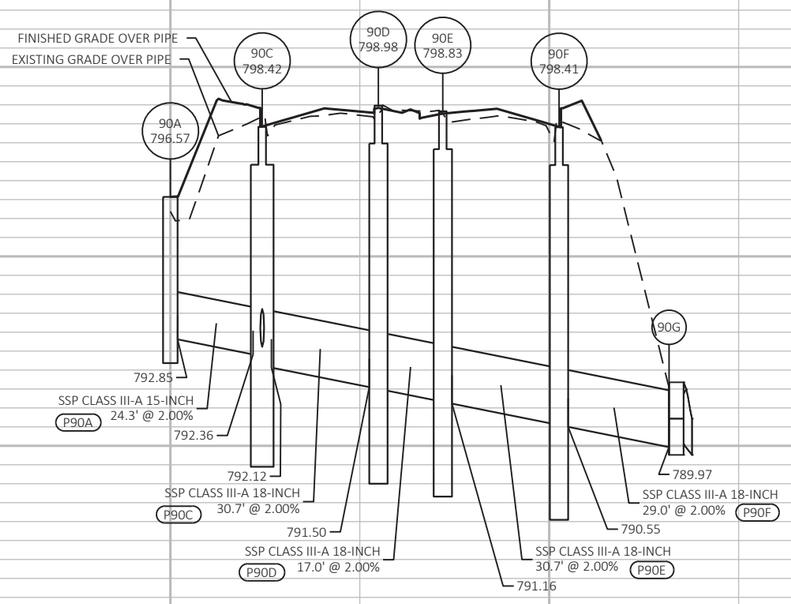
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-12
PLOT DATE : 7/30/2021 2:03 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41

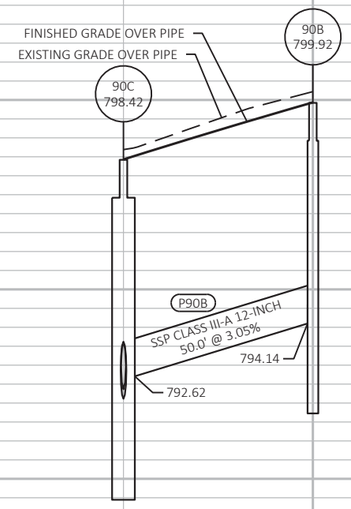


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 194	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-12A
PLOT DATE : 7/30/2021 2:04 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 41







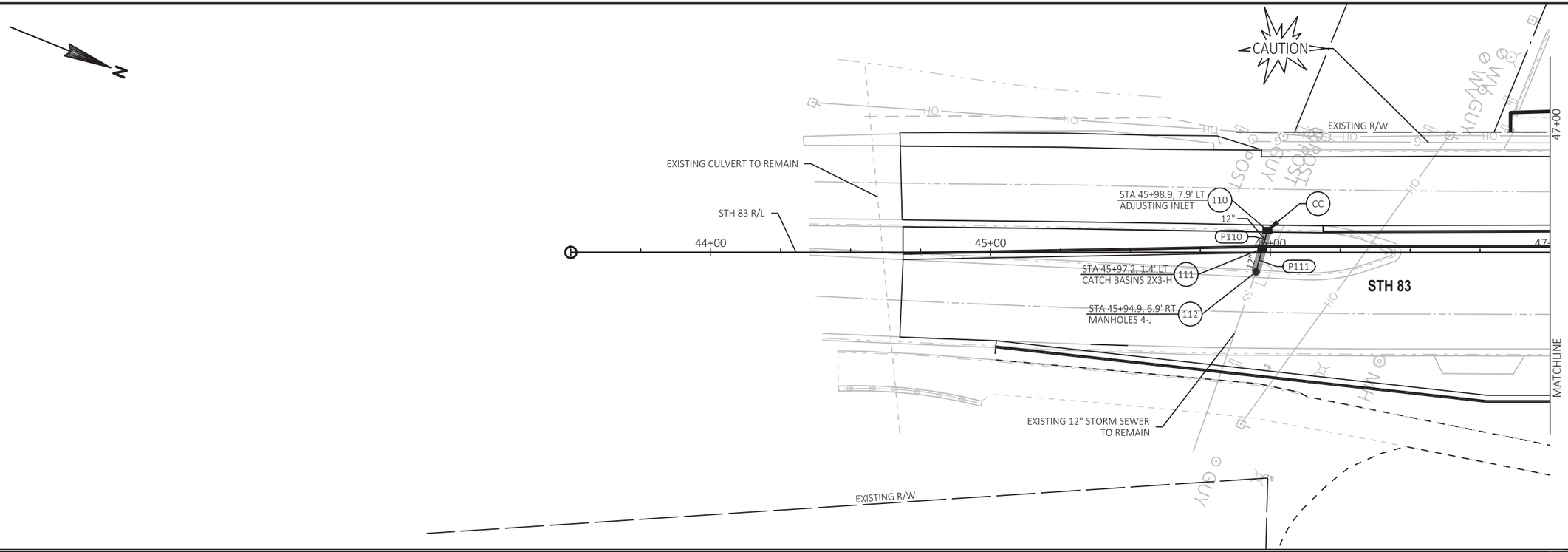
SHEET 24 OF 28

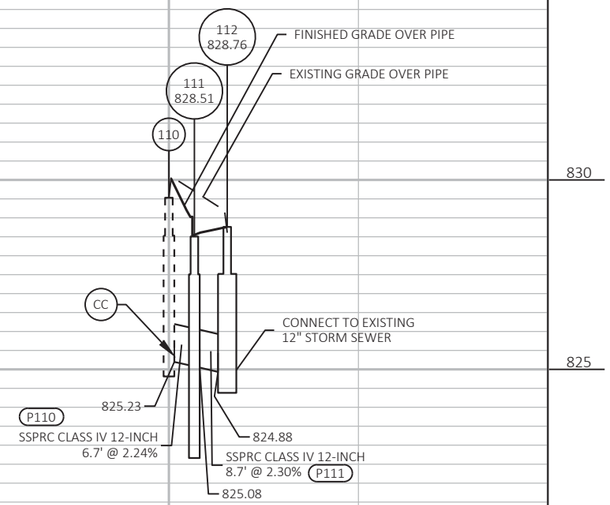
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 195	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022501_SS.DWG
LAYOUT NAME - SS-13

PLOT DATE : 7/30/2021 2:04 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41



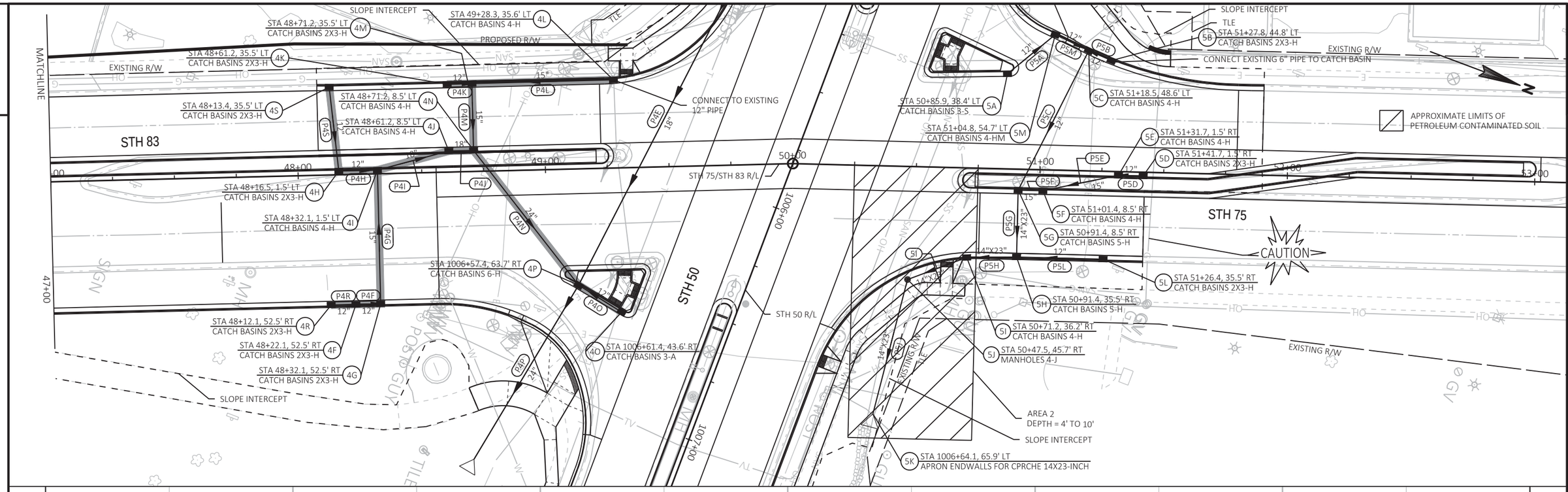


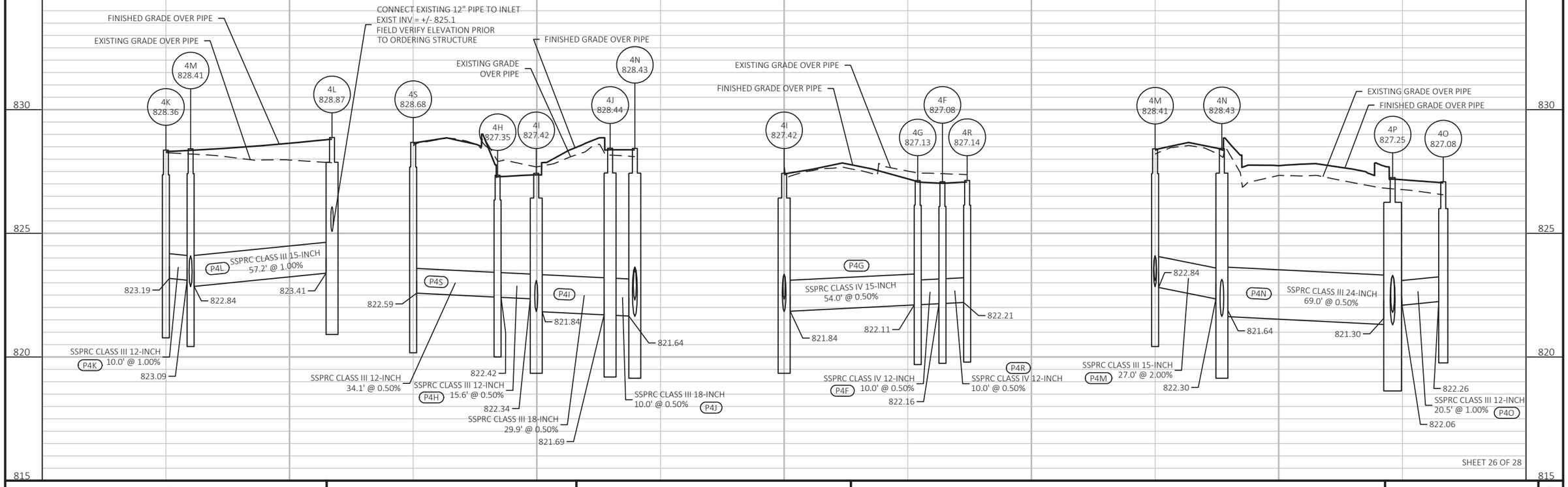
SHEET 25 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 196	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022502_SS.DWG
LAYOUT NAME - SS-16

PLOT DATE : 7/30/2021 2:04 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT





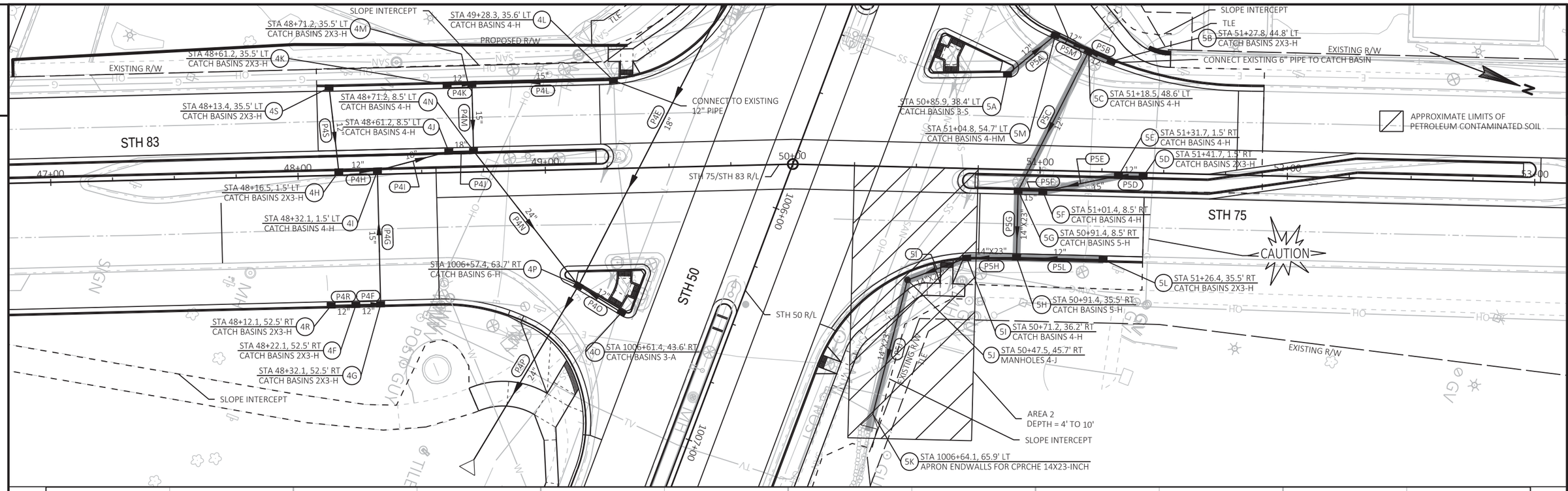
SHEET 26 OF 28

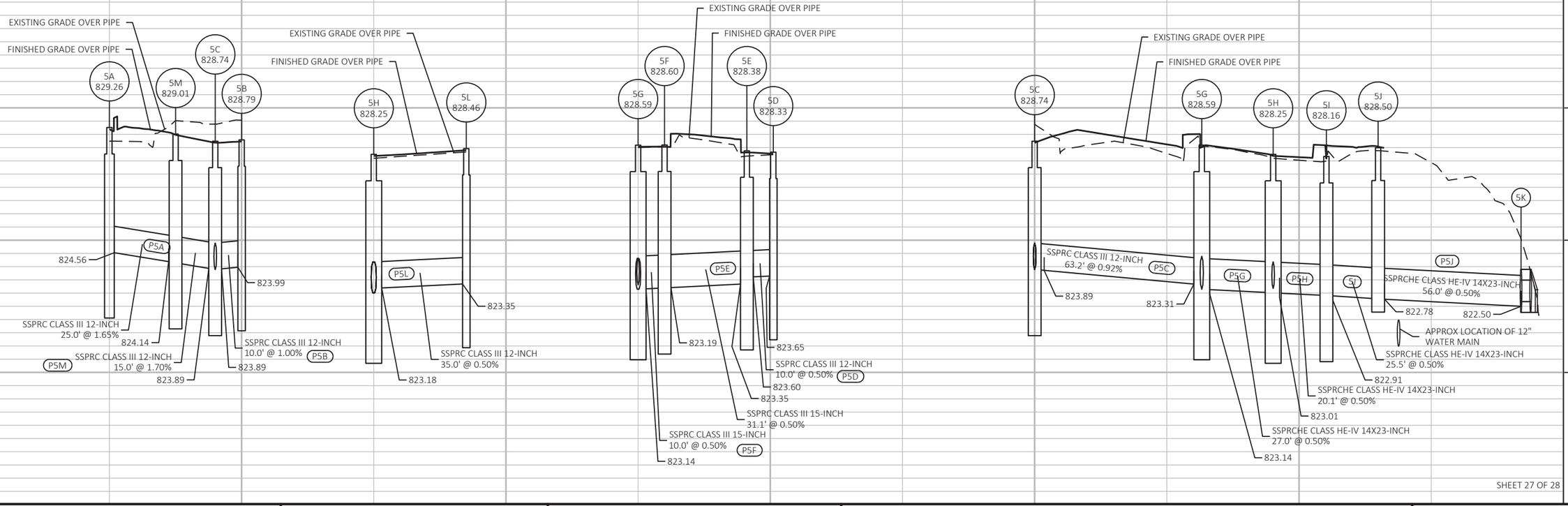
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 197	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022502_SS.DWG
LAYOUT NAME - SS-14

PLOT DATE : 7/30/2021 2:04 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41





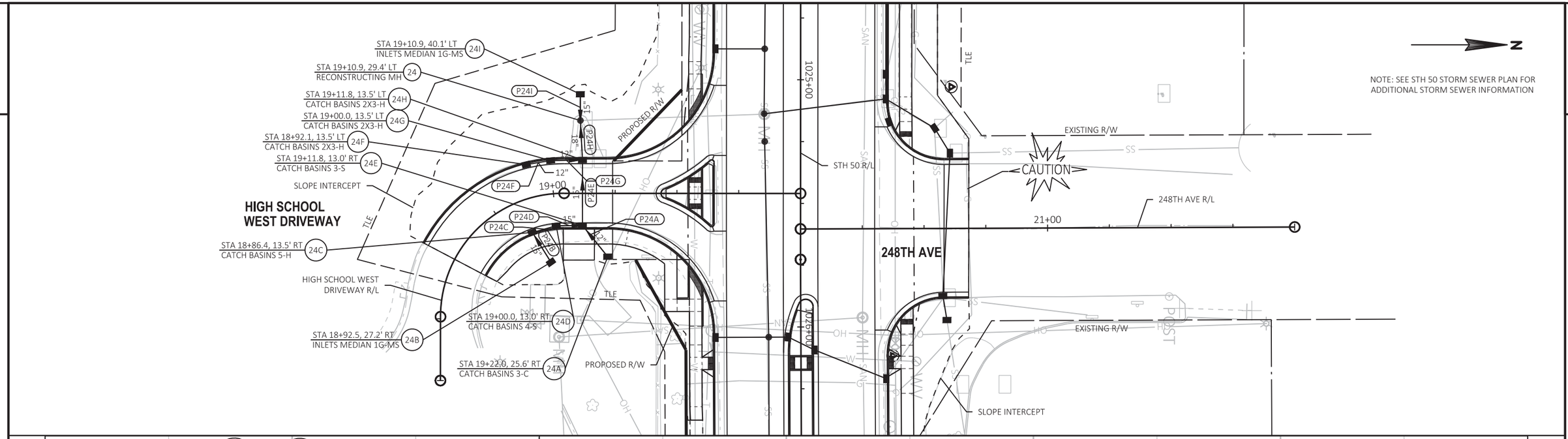
SHEET 27 OF 28

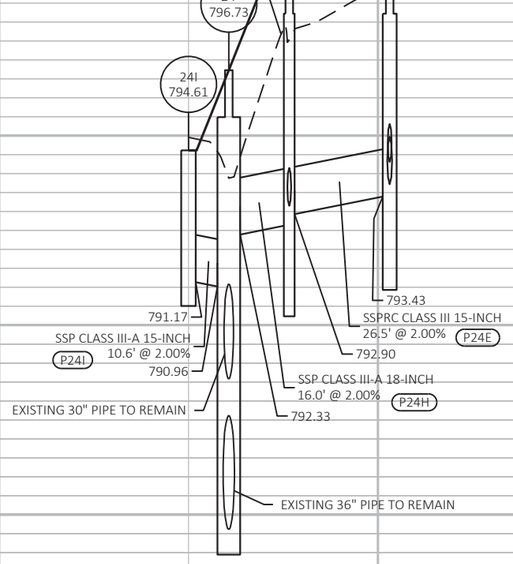
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 198	E

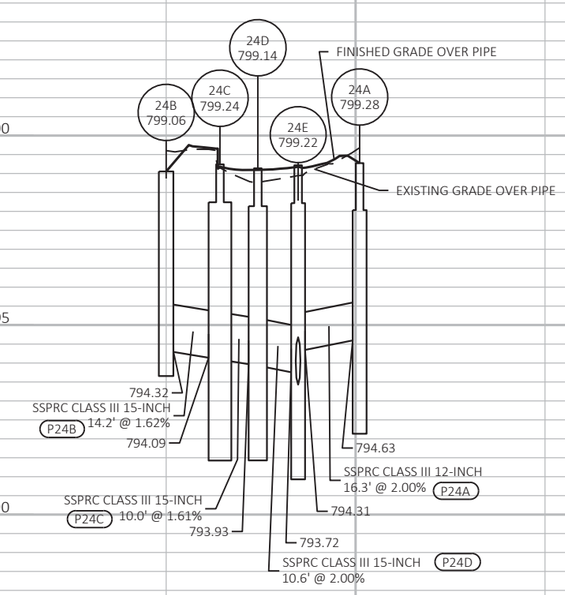
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022502_SS.DWG
LAYOUT NAME - SS-14A

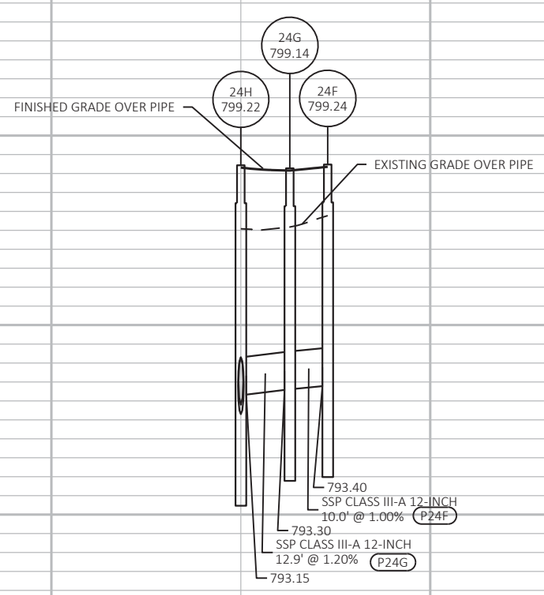
PLOT DATE : 7/30/2021 2:05 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41









SHEET 28 OF 28

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	STORM SEWER	SHEET 199	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022502_SS.DWG
LAYOUT NAME - SS-15

PLOT DATE : 7/30/2021 2:05 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 41

STH 50

STH 83

1 FOOT TALL BERM

EP: 103+00.00

BP: 100+00.00

100 STA 1009+00.3, 88.8' RT
AEWCPRC 18-INCH

101 STA 1009+16.1, 90.9' RT
MANHOLES 4-J

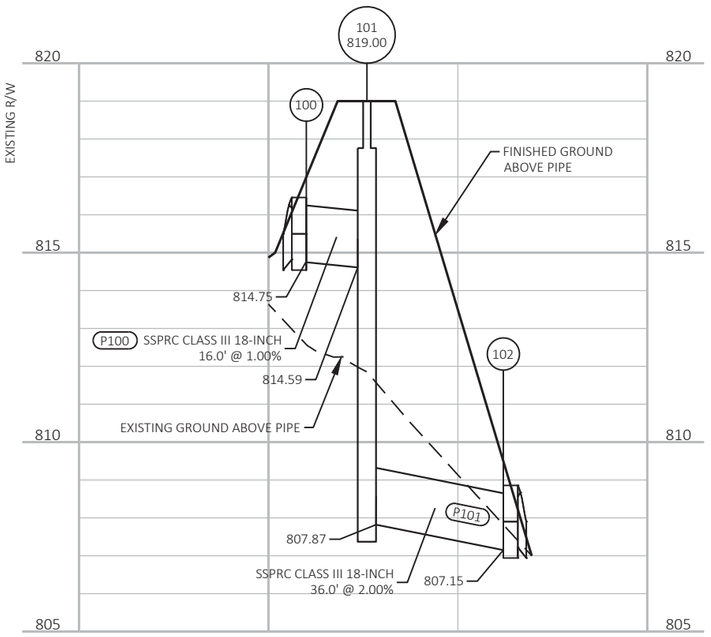
102 STA 1009+49.6, 104.1' RT
AEWCPRC 18-INCH

SPILLWAY ELEVATION = 819.00

TOP OF BERM ELEVATION = 820.00

SLOPE INTERCEPT

NOTES:
1. SEE STORM SEWER PLAN FOR ADDITIONAL STORM SEWER INFORMATION.
2. EARTHWORK VOLUMES FOR POND ARE DETERMINED USING AVERAGE END AREAS BASED ON POND CROSS SECTIONS.



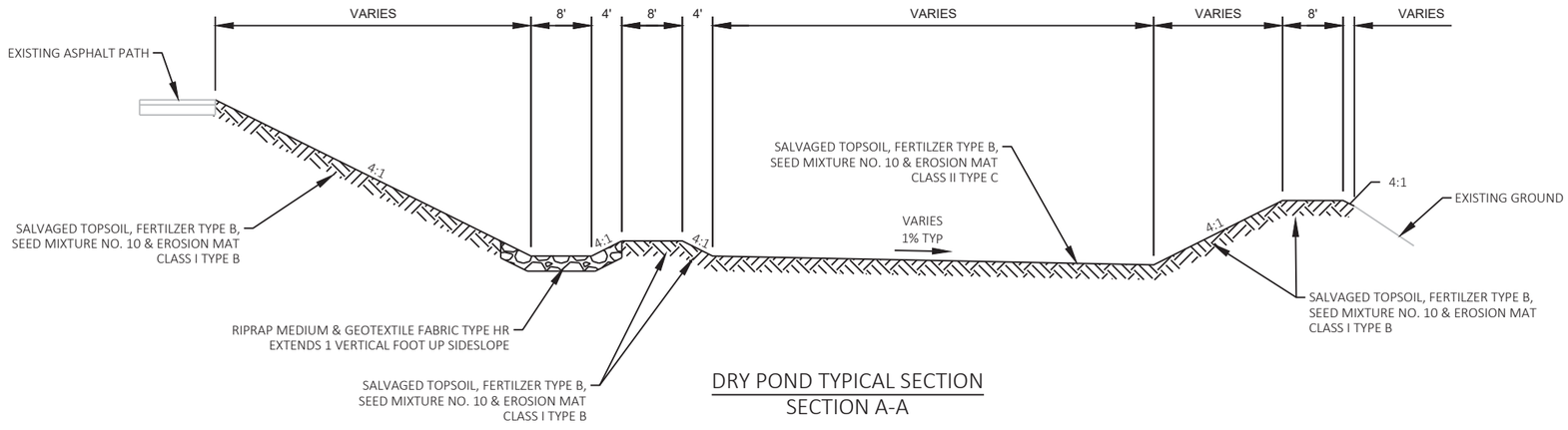
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	DRY POND DETAIL	SHEET 200	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022503_SS_POND.DWG
LAYOUT NAME - 01

PLOT DATE : 7/30/2021 2:05 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

POND POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
200	102+77.04	87.65' LT	819.00	128,119.78	550,382.41
201	102+79.84	80.15' LT	819.00	128,122.58	550,389.90
202	102+81.24	76.40' LT	820.00	128,123.98	550,393.65
203	102+84.76	64.91' LT	819.00	128,127.49	550,405.15
204	102+73.65	48.65' LT	816.00	128,116.39	550,421.41
205	102+24.29	33.59' LT	816.00	128,067.03	550,436.46
206	101+82.23	56.07' LT	818.00	128,024.97	550,413.99
207	101+84.40	48.37' LT	818.00	128,027.13	550,421.69
208	101+85.52	44.53' LT	819.00	128,028.25	550,425.53
209	101+87.65	36.81' LT	819.00	128,030.38	550,433.24
210	100+79.61	15.35' LT	817.10	127,922.35	550,454.70
211	100+82.60	7.85' LT	817.06	127,925.33	550,462.21
212	100+65.15	26.66' LT	818.00	127,907.88	550,443.40
213	100+75.51	4.02' LT	817.00	127,918.25	550,466.04
214	100+85.26	19.54' RT	817.00	127,927.99	550,489.60

POND POINT TABLE					
POINT NUMBER	STATION	OFFSET	ELEVATION	NORTHING	EASTING
215	101+37.28	37.19' RT	817.00	127,980.02	550,507.25
216	101+58.35	33.80' RT	816.00	128,001.09	550,503.86
217	102+57.91	36.40' RT	815.00	128,100.65	550,506.46
218	102+73.84	27.76' RT	815.00	128,116.58	550,497.81
219	102+74.66	43.01' RT	815.00	128,117.40	550,513.06
220	102+96.49	73.11' RT	820.00	128,139.22	550,543.17
221	102+77.80	65.74' RT	820.00	128,120.53	550,535.80
222	102+74.86	73.18' RT	820.00	128,117.60	550,543.24
223	102+62.91	59.87' RT	820.00	128,105.65	550,529.93
224	102+59.98	67.32' RT	820.00	128,102.71	550,537.37
225	102+53.12	106.53' RT	807.00	128,095.85	550,576.59
226	100+75.14	26.61' LT	817.22	127,917.87	550,443.44
227	100+78.12	19.11' LT	817.14	127,920.86	550,450.95
228	100+84.09	4.10' LT	817.06	127,926.82	550,465.96



DRY POND TYPICAL SECTION
SECTION A-A

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	DRY POND DETAIL	SHEET 201	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\022503_SS_POND.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 2:05 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

N

STH 50

991+00 992+00 993+00 994+00 995+00 996+00 997

MATCHLINE

STA 997+00

EXISTING R/W

SLOPE INTERCEPT

TLE

VILLAGE OF SALEM LAKES FORCE MAIN CROSSING STH 50 AT APPROXIMATELY STA 994+25. SEWER WAS NOT MARKED BY DIGGER'S HOTLINE. VILLAGE OF SALEM LAKES TO CONFIRM SEWER IS NOT IN CONFLICT.

VILLAGE OF SALEM LAKES FORCE MAIN. SEWER WAS NOT MARKED BY DIGGER'S HOTLINE. VILLAGE OF SALEM LAKES TO CONFIRM SEWER IS NOT IN CONFLICT.

E1 E2 E3 E4 E5 F1 F3 M1 C1 C2 F14 G1

GUY POST OH TV T G CONC. ASPH.

SHEET 1 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 202	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 01

PLOT DATE : 8/2/2021 11:00 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
1	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	100	
1	C2	COMUNICATION LINE	UG	994+20 - 995+05	38' LT - 43' LT	GRADING	YES	993+95 - 995+03 42' LT - 50' LT	—	YES	NO	NO	100	
1	F1	COMUNICATION LINE	UG	994+11 - 997+27	69' RT - 82' RT	GRADING	YES	994+11 - 999+53 85'-118' RT	—	NO	NO	NO	100	
1	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	100	
1	F14	COMUNICATION LINE	UG	994+50	69' RT	STORM SEWER	YES	994+50, 84' RT	—	YES	NO	NO	100	
1	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	90	
1	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	150	
1	E2	POWER POLE	OH	995+05	43' LT	GRADING	YES	995+03, 43' LT	—	NO	NO	YES	150	
1	E3	POWER POLE	OH	996+18	42' LT	GRADING	YES	996+19, 42' LT	—	NO	NO	YES	150	
1	E4	GUY WIRE / ANCHOR	OH	995+31	43' LT	GRADING	YES	REMOVE GUY	—	NO	NO	YES	150	
1	E5	ELECTRIC SERVICE	OH	995+00 - 995+05	43' LT - 74' RT	GRADING	YES	995+01 - 995+03 42' LT - 80' RT	—	NO	NO	YES	150	
1	G1	GAS MAIN 8"	UG	994+70 - 1004+45	39' LT - 54' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	—	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

NOTE: WISDOT SIGNAL EQUIPMENT SHOWN ON THIS SHEET TO BE REMOVED AND REPLACED AS PART OF ID 1310-04-70. SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION.

N

STA 997+00

STA 1003+00

STH 50

998+00

999+00

1000+00

1001+00

1002+00

TLE

SLOPE INTERCEPT

PROPOSED R/W

POWER POLE
NOT FIELD VERIFIED

UNDERGROUND LINE NOT COMPLETELY MARKED
BY DIGGER'S HOTLINE.

CTH F/ 256TH AVE

4+00

EXISTING R/W

MATCHLINE

STA 3+75

3+00

WISDOT SIGNALS

VILLAGE OF SALEM LAKES FORCE MAIN. SEWER WAS NOT MARKED BY DIGGER'S HOTLINE. VILLAGE OF SALEM LAKES TO CONFIRM SEWER IS NOT IN CONFLICT.

SHEET 3 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 204	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 02

PLOT DATE : 8/2/2021 11:00 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
3	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	—	YES	NO	NO	60	
3	A2	COMMUNICATIONS LINE	UG	1000+06	45' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	—	YES	NO	NO	60	
3	A3	COMMUNICATIONS LINE	UG	1000+91	42' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	—	YES	NO	NO	60	
3	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	100	
3	F2	COMMUNICATIONS LINE	UG	997+98 - 998+66	86' RT - 89' RT	GRADING								
3	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	100	
3	F4	COMMUNICATIONS LINE	UG	998+65 - 999+53	86' RT - 94' LT	GRADING	YES	994+11 - 999+53 85'-118' RT	—	NO	NO	NO	100	
3	F5	PEDESTAL	UG	3+82 CTH F	32' RT	GRADING	YES	—	ADJUST PED	NO	NO	NO	100	
3	F6	PEDESTAL	UG	3+78 CTH F	34' RT	GRADING	YES	—	ADJUST PED	NO	NO	NO	100	
3	F7	COMMUNICATIONS LINE	UG	999+88	20' RT	STORM SEWER	YES	—	—	NO	NO	NO	100	PLACE NEW CABLE IN EXISTING LOCATION AT LOWER DEPTH
3	F8	COMMUNICATIONS LINE	UG	999+53 - 1000+24	119' RT - 50' LT	GRADING	YES	—	—	NO	NO	NO	100	PLACE NEW CABLE IN EXISTING LOCATION AT LOWER DEPTH
3	F9	PEDESTAL	UG	1000+24	44' LT	GRADING	YES	—	ADJUST PED	NO	NO	NO	100	
3	F10	COMMUNICATIONS LINE	UG	1000+24 - 1002+08	39' LT - 44' LT	GRADING	YES	1000+24 - 1003+57 44' - 46' LT	—	NO	NO	NO	100	NOT COMPLETELY MARKED BY DIGGER'S HOTLINE
3	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	90	
3	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	—	NO	NO	YES	150	
3	E6	POWER POLE	OH	998+39	44' LT	GRADING	YES	998+37, 43' LT	—	NO	NO	YES	150	
3	E7	POWER POLE	OH	1000+01	44' LT	GRADING	YES	999+99, 44' LT	—	NO	NO	YES	150	
3	E8	POWER POLE	OH	1000+20	44' LT	GRADING	YES	REMOVE POLE	—	NO	NO	YES	150	
3	E9	POWER POLE	OH	4+10 CTH F	33' RT	GRADING	YES	REMOVE POLE	—	NO	NO	YES	150	
3	E10	ELECTRIC SERVICE	UG	1000+13 - 1000+20	44' LT - 77' RT	GRADING	YES	999+82 - 1000+18 97' RT - 55' LT	—	YES	NO	YES	150	
3	E11	ELECTRIC SERVICE	UG	1000+15	38' RT	STORM SEWER	YES	999+82 - 1000+18 97' RT - 55' LT	—	YES	NO	YES	150	
3	E12	POWER POLE	OH	1000+36	44' LT	GRADING	YES	REMOVE POLE	—	NO	NO	YES	150	
3	E13	POWER POLE	OH	1001+96	44' LT	GRADING	YES	1001+94, 44' LT	—	NO	NO	YES	150	
3	E14	ELECTRIC SERVICE	OH	999+53 - 1000+01	90' RT - 44' LT	GRADING	YES	REMOVE SERVICE	—	NO	NO	YES	150	
3	E15	GUY WIRE / ANCHOR	OH	4+23 CTH F	32' RT	GRADING	YES	REMOVE GUY	—	NO	NO	YES	150	
3	E16	GUY WIRE / ANCHOR	OH	4+16 CTH F	33' RT	GRADING	YES	REMOVE GUY	—	NO	NO	YES	150	
3	E17	GUY WIRE / ANCHOR	OH	999+90	45' LT	GRADING	YES	REMOVE GUY	—	NO	NO	YES	150	
3	E24	GUY WIRE / ANCHOR	OH	999+83	53' LT	GRADING	YES	1000+03, 64' LT	—	NO	NO	YES	150	
3	E35	ELECTRIC SERVICE	UG	1000+14	63' RT	STORM SEWER	YES	999+82 - 1000+18 97' RT - 55' LT	—	YES	NO	YES	150	

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION PRIOR TO CONSTRUCTION (STA/OFFSET)	RELOCATION DURING CONSTRUCTION (STA/OFFSET)	DISCONTINUTED IN-PLACE (YES/NO)	DISCONTINUTED HAZ MAT (YES/NO)	COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
3	G1	GAS MAIN 8"	UG	994+70 - 1004+45	39' LT - 54' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
3	G2	GAS VALVE	UG	998+76	41' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
3	G3	GAS MAIN 8"	UG	998+76 - 998+82 3+04 - 3+61 (CTH F)	40' LT - 139' RT 22 'LT - 39' LT	GRADING	YES	999+04 30' LT- 196' RT	---	YES	NO	NO	120	
3	S1	SANITARY MANHOLE	UG	1002+96	56' RT	GRADING								
3	S2	SANITARY SEWER	UG	1002+95 - 1004+80	42' RT - 58' RT	GRADING								

SHEET 5 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 206	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023002_UP.DWG
LAYOUT NAME - 03

PLOT DATE : 8/2/2021 11:00 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

NOTE: WISDOT SIGNAL EQUIPMENT SHOWN ON THIS SHEET TO BE REMOVED AND REPLACED AS PART OF ID 1310-04-70. SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION.

N

STA 1003+00

STA 1009+00

STH 50

STH 75

STH 83

EXISTING R/W

PROPOSED R/W

SLOPE INTERCEPT

WISDOT SIGNALS

TLE

GAS MAIN NOT COMPLETELY MARKED BY DIGGER'S HOTLINE.

MATCHLINE

STA 48+00

SHEET 6 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 207	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 03

PLOT DATE : 8/2/2021 11:00 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
6	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
6	A4	COMMUNICATIONS LINE	UG	1005+08	39' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
6	A5	COMMUNICATIONS LINE	UG	1008+21	43' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
6	A23	COMMUNICATIONS LINE	UG	1006+55	45' RT	SIGNAL BASE	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
6	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
6	C3	COMMUNICATIONS LINE	OH	1004+71 - 1006+14	45' LT - 193' RT	GRADING	YES	REMOVE LINE	---	NO	NO	YES	100	
6	C4	COMMUNICATIONS LINE	UG	1006+56	65' LT	STORM SEWER	YES	---	1006+56, 65' LT	NO	NO	NO	100	TO BE ADJUSTED AS NEEDED DURING CONSTRUCTION
6	C5	COMMUNICATIONS LINE	UG	1006+62 - 1006+66	46' LT - 68' LT	GRADING	NO	---	---	NO	NO	NO	---	
6	C6	COMMUNICATIONS LINE	UG	1006+62 - 1007+04	43' LT - 117' RT	GRADING	YES	DISCONTINUE	---	YES	NO	NO	100	
6	C7	COMMUNICATIONS LINE	UG	1006+97	71' RT	STORM SEWER	YES	DISCONTINUE	---	YES	NO	NO	100	
6	C8	COMMUNICATIONS LINE	UG	1006+55 - 1006+52	46' LT - 68' LT	GRADING	NO	---	---	NO	NO	NO	---	
6	C11	COMMUNICATIONS LINE	UG	1006+62 - 1006+66	46' LT - 68' LT	STORM SEWER	YES	---	1006+64, 66' LT	NO	NO	NO	100	TO BE ADJUSTED AS NEEDED DURING CONSTRUCTION
6	C20	COMMUNICATIONS LINE	OH	1005+17	45' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
6	C22	COMMUNICATIONS LINE	UG	1007+01	43' LT	TRAFFIC SIGNAL PULLBOX	YES	DISCONTINUE	---	YES	NO	NO	100	
6	C23	COMMUNICATIONS LINE	UG	1006+97	66' RT	TRAFFIC SIGNAL PULLBOX	YES	DISCONTINUE	---	YES	NO	NO	100	
6	C25	COMMUNICATIONS LINE	OH	49+27 STH83	48' LT	MONOTUBE POLE	YES	REMOVE LINE	---	NO	NO	YES		
6	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
6	F11	PEDESTAL	UG	1003+57	45' LT	GRADING	YES	1003+53, 44' LT	---	NO	NO	NO	100	
6	F12	COMMUNICATIONS LINE	UG	1004+42 - 1004+84	52' LT - 127' LT	GRADING	NO	---	---	NO	NO	NO	---	
6	F13	MANHOLE	UG	1006+83	4' RT	GRADING	NO	---	---	NO	NO	NO	---	SIGNAL PULLBOX
6	F15	COMUNICATION LINE	OH	1004+71 - 1006+14	45' LT - 193' RT	GRADING	YES	REMOVE LINE	---	NO	NO	YES	---	
6	F36	COMMUNICATIONS LINE	OH	1005+17	45' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
6	F38	COMMUNICATIONS LINE	OH	49+27 STH83	48' LT	MONOTUBE POLE	YES	REMOVE LINE	---	NO	NO	YES	---	
6	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
6	M3	COMMUNICATIONS LINE	OH	1005+17	45' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
6	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
6	E18	GUY WIRE / ANCHOR	OH	1003+40	43' LT	GRADING	YES	REMOVE GUY	---	NO	NO	YES	150	
6	E19	POWER POLE	OH	1003+55	44' LT	GRADING	YES	1003+53, 44' LT	---	NO	NO	YES	150	
6	E20	GUY WIRE / ANCHOR	OH	1004+39	44' LT	GRADING	YES	REMOVE GUY	---	NO	NO	YES	150	
6	E21	POWER POLE	OH	1004+69	45' LT	GRADING	YES	1004+02, 45' LT	---	NO	NO	YES	150	
6	E22	ELECTRIC SERVICE	UG	1004+45 - 1004+84	54' LT - 127' LT	GRADING	YES	DISCONTINUE	---	YES	NO	NO	150	
6	E23	POWER POLE	OH	1004+71	45' LT	GRADING	YES	REMOVE POLE	---	NO	NO	YES	150	
6	E25	ELECTRIC SERVICE	OH	1004+71 - 1006+14	45' LT - 193' RT	GRADING	YES	REMOVE LINE	---	NO	NO	YES	150	
6	E26	POWER POLE	OH	48+99 STH83	42' LT	GRADING	YES	REMOVE POLE	---	NO	NO	YES	150	
6	E28	POWER POLE	OH	1006+62	46' LT	GRADING	YES	1006+60, 46' LT	---	NO	NO	YES	150	

EXISTING UTILITY FACILITIES							RESOLUTION								
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
6	E29	POWER POLE	OH	48+51 STH75	57' RT	GRADING	YES	48+38, 73' LT (CTH F)	---	NO	NO	YES	150	
6	E30	POWER POLE	OH	1008+37	45' LT	GRADING	YES	1008+39, 45' LT	---	NO	NO	YES	150	
6	E31	ELECTRIC SERVICE	OH	48+51 - 48+99 STH83	42' LT - 57' RT	GRADING	YES	REMOVE LINE	---	NO	NO	YES	150	
6	E61	ELECTRIC SERVICE	OH	48+83 STH83	10' LT	LIGHT POLE	YES	REMOVE LINE	---	NO	NO	YES	150	
6	E107	ELECTRIC SERVICE	OH	1005+17	45' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
6	E174	ELECTRIC SERVICE	OH	49+27 STH83	48' LT	MONOTUBE POLE	YES	REMOVE LINE	---	NO	NO	YES	150	
6	G1	GAS MAIN 8"	UG	994+70 - 1004+45	39' LT - 54' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
6	G4	GAS MAIN 8"	UG	1004+80 -1005+73 48+08 - 49+28 STH 83	103' LT - 82' RT 39' LT - 38' LT	GRADING	YES	45+52-49+90 53'-141' RT 50+11 - 61+65 58' RT (STH 75/83)	---	YES	NO	NO	120	
6	G5	GAS MAIN 8"	UG	1005+60	52' RT	STORM SEWER	YES	45+52-49+90 53'-141' RT STH 83	---	YES	NO	NO	120	
6	G6	GAS MAIN 8"	UG	51+40 - 51+47 STH 75	57' LT - 10' RT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
6	G7	GAS MAIN 8"	UG	1005+89 - 1006+76	65' LT - 119' LT	GRADING	YES	50+11 - 51+65 58' RT (STH 75)	---	YES	NO	NO	120	
6	G8	GAS MAIN 8"	UG	1005+98 - 1006+76	65' LT - 71' LT	STORM SEWER	YES	50+11 - 51+65 58' RT (STH 75)	---	YES	NO	NO	120	
6	G51	GAS MAIN	UG	1005+18	50' LT	MONOTUBE BASE	YES	50+11 - 51+65 58' RT (STH 75)	---	YES	NO	NO	120	
6	G52	GAS MAIN 8"	UG	48+61 STH83	38' LT	STORM SEWER	YES	45+52-49+90 53'-141' RT STH 83	---	YES	NO	NO	120	
6	G53	GAS MAIN 8"	UG	48+71 STH83	38' LT	STORM SEWER	YES	45+52-49+90 53'-141' RT STH 83	---	YES	NO	NO	120	
6	G54	GAS MAIN 8"	UG	49+28 STH83	38' LT	STORM SEWER	YES	45+52-49+90 53'-141' RT STH 83	---	YES	NO	NO	120	
6	G55	GAS MAIN 8"	UG	50+86 - 51+21 STH75	44' LT - 55' LT	STORM SEWER	YES	50+11 - 51+65 58' RT (STH 75)	---	YES	NO	NO	120	
6	G65	GAS MAIN	UG	1005+14	60' LT	TRAFFIC SIGNAL PULLBOX	YES	50+11 - 51+65 58' RT (STH 75)	---	YES	NO	NO	120	
6	G66	GAS MAIN	UG	1005+95	87' LT	MONOTUBE BASE	YES	50+11 - 51+65 58' RT (STH 75)	---	YES	NO	NO	120	
6	G67	GAS MAIN	UG	49+12 STH83	38' LT	TRAFFIC SIGNAL PULLBOX	YES	45+52-49+90 53'-141' RT STH 83	---	YES	NO	NO	120	
6	G68	GAS MAIN	UG	49+29 STH83	38' LT	MONOTUBE BASE	YES	45+52-49+90 53'-141' RT STH 83	---	YES	NO	NO	120	
6	S2	SANITARY SEWER	UG	1002+95 - 1004+80	42' RT - 58' RT	GRADING								
6	S3	SANITARY MANHOLE	UG	1004+67	56' RT	GRADING								
6	S4	SANITARY MANHOLE	UG	1004+80	42' RT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
6	S5	SANITARY SEWER	UG	1004+80	72' LT - 42' RT	GRADING	NO	---	---	NO	NO	NO	---	
6	S6	SANITARY MANHOLE	UG	1004+80	53' LT	GRADING	YES	---	RECON MH	NO	NO	NO	1	ROTATE CONE SO COVER IS BEHIND BACK OF CURB
6	S7	SANITARY SEWER	UG	1004+44-1007+50	51' LT-53' RT	GRADING	NO	---	---	NO	NO	NO	---	
6	S8	SANITARY MANHOLE	UG	1006+01	80' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
6	S9	SANITARY SEWER	UG	1006+29	62' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
6	S10	SANITARY MANHOLE	UG	1006+45	51' LT	GRADING	NO	---	---	NO	NO	NO	---	
6	S11	SANITARY SEWER	UG	1004+88	46' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
6	S12	SANITARY SEWER	UG	1004+80 - 1005+20	42' RT - 66' RT	GRADING	NO	---	---	NO	NO	NO	---	
6	S64	SANITARY SEWER	UG	1005+93 - 1006+45	51' LT - 109' LT	GRADING	NO	---	---	NO	NO	NO	---	
6	S67	SANITARY SEWER	UG	1005+17	53' LT	MONOTUBE BASE	NO	---	---	NO	NO	NO	---	HYDROEXCAVATE FOR BASE
6	W1	WATER MAIN	UG	1006+73-1006+80	81' RT-111' RT	GRADING	NO	---	---	NO	NO	NO	---	
6	W2	WATER MAIN	UG	1007+19	76 ' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
6	W3	WATER MAIN	UG	1008+21	46' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
6	W4	WATER VALVE	UG	1006+72	81' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
6	W5	WATER VALVE	UG	1006+75	115' RT	GRADING	NO	---	---	NO	NO	NO	---	
6	W6	FIRE HYDRANT	UG	1006+76	115' RT	GRADING	NO	---	---	NO	NO	NO	---	MOVED AFTER SURVEY
6	W7	WATER VALVE	UG	1006+79	80' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
6	W8	WATER VALVE	UG	1006+80	111' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
6	W9	WATER VALVE	UG	1006+80	113' RT	GRADING	NO	---	---	NO	NO	NO	---	REMOVED IN 2019
6	W10	WATER VALVE	UG	1006+84	113' RT	GRADING	NO	---	---	NO	NO	NO	---	REMOVED IN 2019
6	W11	FIRE HYDRANT	UG	1006+86	113' RT	GRADING / CLEAR ZONE	NO	---	---	NO	NO	NO	---	
6	W12	WATER MAIN	UG	1006+80 -1008+68	46' RT-111' RT	GRADING	NO	---	---	NO	NO	NO	---	
6	W117	WATER MAIN	UG	1006+65	65' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
6	W118	WATER MAIN	UG	1006+16	61' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

STA 1009+00

STA 1015+00

EXISTING R/W

TLE

SLOPE INTERCEPT

STH 50

1010+00

1012+00

1013+00

1014+00

MATCHLINE

PROPOSED R/W

POWER POLE NOT FIELD VERIFIED

SHEET 10 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 211	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 04

PLOT DATE : 8/2/2021 11:00 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
10	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
10	A6	COMMUNICATIONS LINE	UG	1011+26	42' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
10	A7	COMMUNICATIONS LINE	UG	1013+23	40' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
10	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
10	C9	COMMUNICATIONS LINE	UG	1011+08 - 1011+13,	44' LT - 79' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	CHARTER REQUESTS TO BE PRESENT DURING EXCAVATION WILL ADJUST IF NEDDED
10	C10	COMMUNICATIONS LINE	UG	1014+79 - 1014+82	41' LT - 52' LT	GRADING	NO	---	---	NO	NO	NO	---	
10	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
10	F16	COMUNICATION LINE	UG	1010+11	44' LT - 47' LT	GRADING	YES	1010+11 - 1010+15 44' LT	---	NO	NO	NO	100	
10	F17	COMUNICATION LINE	UG	1011+84 - 1011+88	43' LT - 47' LT	GRADING	YES	1011+84 - 1011+89 44'-48' LT	---	NO	NO	NO	100	
10	F18	COMUNICATION LINE	UG	1014+75 - 1014+83	41' LT - 51' LT	GRADING	YES	1014+79 - 1014+83 40'-41' LT	---	NO	NO	NO	100	
10	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
10	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
10	E32	POWER POLE	OH	1010+12	44' LT	GRADING	YES	1010+15, 44' LT	---	NO	NO	YES	150	
10	E33	ELECTRIC SERVICE	UG	1010+12	44' LT - 48' LT	GRADING	YES	1010+12-1010+15 44'-48' LT	---	NO	NO	NO	150	
10	E34	POWER POLE	OH	1011+08	44' LT	GRADING	YES	1011+06, 44' LT	---	NO	NO	YES	150	
10	E37	ELECTRIC SERVICE	UG	1010+00 - 1010+81	43' RT - 47' LT	GRADING	YES	DISCONTINUE	---	NO	NO	NO	150	
10	E38	POWER POLE	OH	1011+88	43' LT	GRADING	YES	1011+89, 45' LT	---	NO	NO	YES	150	
10	E39	ELECTRIC PEDESTAL	UG	1011+92	45' LT	GRADING	YES	---	ADJUST PED	NO	NO	NO	150	
10	E40	ELECTRIC SERVICE	UG	1011+88 - 1011+92	44' LT - 47' LT	GRADING	YES	1011+88 - 1011+92 44' -47' LT	---	NO	NO	NO	150	
10	E41	POWER POLE	OH	1013+83	41' LT	GRADING / CLEAR ZONE	YES	1014+14, 41' LT	---	NO	NO	YES	150	
10	E42	POWER POLE	OH	1014+82	41' LT	GRADING / CLEAR ZONE	YES	1014+79, 41' LT	---	NO	NO	YES	150	
10	E43	ELECTRIC SERVICE	UG	1014+68 - 1014+82	41' LT - 51' LT	GRADING	YES	1014+78 - 1014+82 41' LT-60' RT	---	NO	NO	NO	150	
10	E44	ELECTRIC SERVICE	UG	1014+78 - 1014+82	41' LT - 50' RT	GRADING	YES	1014+78 - 1014+82 41' LT-60' RT	---	NO	NO	NO	150	
10	E45	ELECTRIC SERVICE	UG	1014+78	27' RT	STORM SEWER	YES	1014+78 - 1014+82 41' LT-60' RT	---	NO	NO	NO	150	
10	E46	POWER POLE	OH	1013+36	41' RT	GRADING	YES	1013+42, 42' RT	---	NO	NO	YES	150	
10	E47	ELECTRIC SERVICE	OH	1013+36 - 1013+83	41' LT - 41' RT	GRADING	YES	1013+42 - 1014+14 42' RT-41' LT	---	NO	NO	NO	150	
10	E48	ELECTRIC SERVICE	OH	1014+82 - 1015+01	40' LT - 38' RT	GRADING	YES	1014+80 - 1015+02 41' LT-42' RT	---	NO	NO	NO	150	
10	E121	GUY WIRE / ANCHOR	OH	1011+73	43' LT	GRADING	YES	REMOVE GUY	---	NO	NO	YES	150	

2

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION PRIOR TO CONSTRUCTION (STA/OFFSET)	RELOCATION DURING CONSTRUCTION (STA/OFFSET)	DISCONTINUTED IN-PLACE (YES/NO)	DISCONTINUTED HAZ MAT (YES/NO)	COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
10	G9	GAS MAIN 8"	UG	1011+06	72' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
10	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
10	G11	GAS LATERAL 2"	UG	1014+29	38' LT - 49' LT	GRADING	YES	1014+30 - 1014+32 18' LT-53' LT	---	YES	NO	NO	120	
10	S13	SANITARY SEWER	UG	1009+88 - 1032+18	21' LT - 48' LT	GRADING	NO	---	---	NO	NO	NO	---	
10	S14	SANITARY SEWER	UG	1011+17	44' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
10	S15	MANHOLE	UG	1012+22	41' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	WITH PROJECT
10	S65	SANITARY SEWER	UG	1013+91	32' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
10	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
10	W14	WATER MAIN	UG	1011+26	46' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
10	W15	HYDRANT	UG	1012+72	42' RT	GRADING	NO	---	---	NO	NO	NO	---	
10	W16	WATER MAIN	UG	1013+17	45' Rt	STORM SEWER	NO	---	---	NO	NO	NO	---	
10	W17	WATER VALVE	UG	1014+52	39' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
10	W18	WATER VALVE	UG	1014+56	44' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
10	W34	WATER VALVE	UG	1012+72	43' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	

2

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	T	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

N

STA 1015+00

STA 1021+00

MATCHLINE

MATCHLINE

250TH AVE

STH 50

FRONTIER DRIVEWAY

FRONTIER COMMUNICATIONS SHED

PROPOSED R/W

EXISTING R/W

SLOPE INTERCEPT

TLE

S68 MH NOT SURVEYED

1016+00

1017+00

1018+00

1019+00

1020+00

SHEET 13 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 214	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 05

PLOT DATE : 8/2/2021 11:01 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
11	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
11	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
11	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
11	F19	COMMUNICATIONS LINE	UG	1017+63 - 1017+72	39' LT - 51' LT	GRADING	YES	1017+72-1017+76 40'-56' LT	---	YES	NO	NO	100	
11	F20	COMMUNICATIONS LINE	UG	1017+75 - 1018+23	51' LT - 56' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	F21	COMMUNICATIONS LINE	UG	1016+90 - 1017+43	55' RT - 56' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	F22	COMMUNICATIONS LINE	UG	1017+75 - 1017+78	51' LT - 49' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	F23	COMMUNICATIONS LINE	UG	1019+90 - 1020+07	53' RT - 55' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	F24	PEDESTAL	UG	1018+45	59' LT	GRADING	YES	---	ADJUST PED	NO	NO	NO	100	
11	F25	COMMUNICATIONS MANHOLE	UG	1018+35	50' LT	GRADING	NO	---	---	NO	NO	NO	100	GRADE ONTO VAULT TOP
11	F27	COMMUNICATIONS LINE	UG	1018+35 - 1018+51	38' LT - 55' LT	GRADING	NO	---	---	NO	NO	NO	---	
11	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
11	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
11	E36	ELECTRIC SERVICE	OH	1018+48- 1018+51	38' LT - 61' LT	GRADING	YES	1018+49, 39'-65' LT	---	NO	NO	NO	150	
11	E49	POWER POLE	OH	1015+01	38' RT	GRADING	YES	1015+02, 42' RT	---	NO	NO	NO	150	
11	E50	POWER POLE	OH	1015+88	40' LT	GRADING / CLEAR ZONE	YES	1016+00, 42' LT	---	NO	NO	YES	150	
11	E51	POWER POLE	OH	1016+84	39' LT	GRADING	YES	1016+75, 41' LT	---	NO	NO	YES	150	
11	E52	POWER POLE	OH	1017+63	39' LT	GRADING / CLEAR ZONE	YES	1017+72, 40' LT	---	NO	NO	YES	150	
11	E53	POWER POLE	OH	1018+51	38' LT	GRADING	YES	1018+49, 39' LT	---	NO	NO	YES	150	
11	E54	POWER POLE	OH	1019+40	39' LT	GRADING	YES	1019+38, 39' LT	---	NO	NO	YES	150	
11	E55	POWER POLE	OH	1016+65	37' RT	GRADING	YES	1016+65, 41' RT	---	NO	NO	NO	150	
11	E56	POWER POLE	OH	1018+43	38' RT	GRADING	YES	1018+44, 39' RT	---	NO	NO	NO	150	
11	E57	POWER POLE	OH	1020+09	38' RT	GRADING	YES	1020+08, 39' RT	---	NO	NO	NO	150	
11	E58	ELECTRIC SERVICE	OH	1016+65 - 1016+84	39' LT - 37' RT	GRADING	YES	1016+65 - 1016+75 41' RT-41' LT	---	NO	NO	NO	150	
11	E59	ELECTRIC SERVICE	OH	1017+63 - 1018+43	39' LT - 38' RT	GRADING	YES	1017+72 - 1018+44 40' LT-39' RT	---	NO	NO	NO	150	
11	E60	ELECTRIC SERVICE	OH	1019+40 - 1019+56	39' LT - 50' RT	GRADING	YES	1019+38 - 1019+61 39' LT-76' RT	---	NO	NO	NO	150	
11	E62	ELECTRIC SERVICE	UG	1018+51 - 1018+52	38' LT - 61' LT	GRADING	YES	1018+51 - 1018+52 38' LT-61' LT	---	NO	NO	NO	150	
11	E122	GUY WIRE / ANCHOR	OH	1016+66	39' LT	GRADING / CLEAR ZONE	YES	REMOVE GUY	---	NO	NO	YES	150	
11	E123	GUY WIRE / ANCHOR	OH	1019+40	48' LT	GRADING	YES	1019+35, 52' LT	---	NO	NO	YES	150	

2

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
11	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
11	G12	GAS MAIN	UG	1016+91	27' RT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
11	G13	GAS MAIN	UG	1016+90 - 1016+94	47' LT - 58' RT	GRADING	YES	1019+75 15' LT-49' RT	---	YES	NO	NO	120	
11	G56	GAS MAIN	UG	1016+96	47' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
11	S13	SANITARY SEWER	UG	1009+88 - 1032+18	21' LT - 48' LT	GRADING	NO	---	---	NO	NO	NO	---	
11	S16	SANITARY SEWER	UG	1017+08	63' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
11	S17	SANITARY MANHOLE	UG	1019+51	28' LT	GRADING	YES	---	RECON MH	NO	NO	NO	1	WITH PROJECT
11	S18	SANITARY SEWER	UG	1019+51 - 1019+63	21' LT - 49' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	S19	SANITARY MANHOLE	UG	1019+63	35' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	S20	SANITARY MANHOLE	UG	1015+74	21' LT	GRADING	YES	---	RECON MH	NO	NO	NO	1	ROTATE CONE SO COVER IN GUTTER
11	S21	SANITARY SEWER	UG	1017+08	23' LT - 63' LT	GRADING	NO	---	---	NO	NO	NO	---	
11	S66	SANITARY SEWER	UG	1020+25	27' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
11	S68	SANITARY MANHOLE	UG	1018+00	37' LT	GRADING	YES	---	RECON MH	NO	NO	NO	1	ROTATE CONE SO BEHIND PROPOSED CURB
11	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	W19	WATER VALVE	UG	1015+78	49' RT	GRADING	YES	---	ADJUST	NO	NO	NO	1	WITH PROJECT
11	W20	HYDRANT	UG	1018+68	39' RT	GRADING	NO	---	---	NO	NO	NO	---	
11	W21	WATER VALVE	UG	1018+70	39' RT	GRADING	NO	---	---	NO	NO	NO	---	

2

STA 1021+00

STA 1027+00

MATCHLINE

MATCHLINE

N

248TH AVE

STH 50

1022+00

1023+00

1024+00

1025+00

1026+00

21+00

19+00

SLOPE INTERCEPT

EXISTING R/W

PROPOSED R/W

TLE

FORCE MAIN NOT FIELD VERIFIED

WATER SERVICE NOTE FIELD VERIFIED

WATER SERVICE NOT FIELD VERIFIED

POST

MH

WV

C1 F3 M1 E1 E63 G10 G14 E64 E65 E66 G58 S69 E67 W27 G57 G10 S13 S22 E76 S23 S24 E77 S13 S25 S26 W25 G15 S13 E75 C12 W119 A1 W22 A16 E70 W120 E71 W24 W23 A1 S28 W26 W13 E69 E68 E72 E73 A17 S27 E74 E78 C13 F26 M4

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

SHEET 16 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 217	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 06

PLOT DATE : 8/2/2021 11:01 AM

PLOT BY : BLACKWOOD, JIM

PLOT NAME :

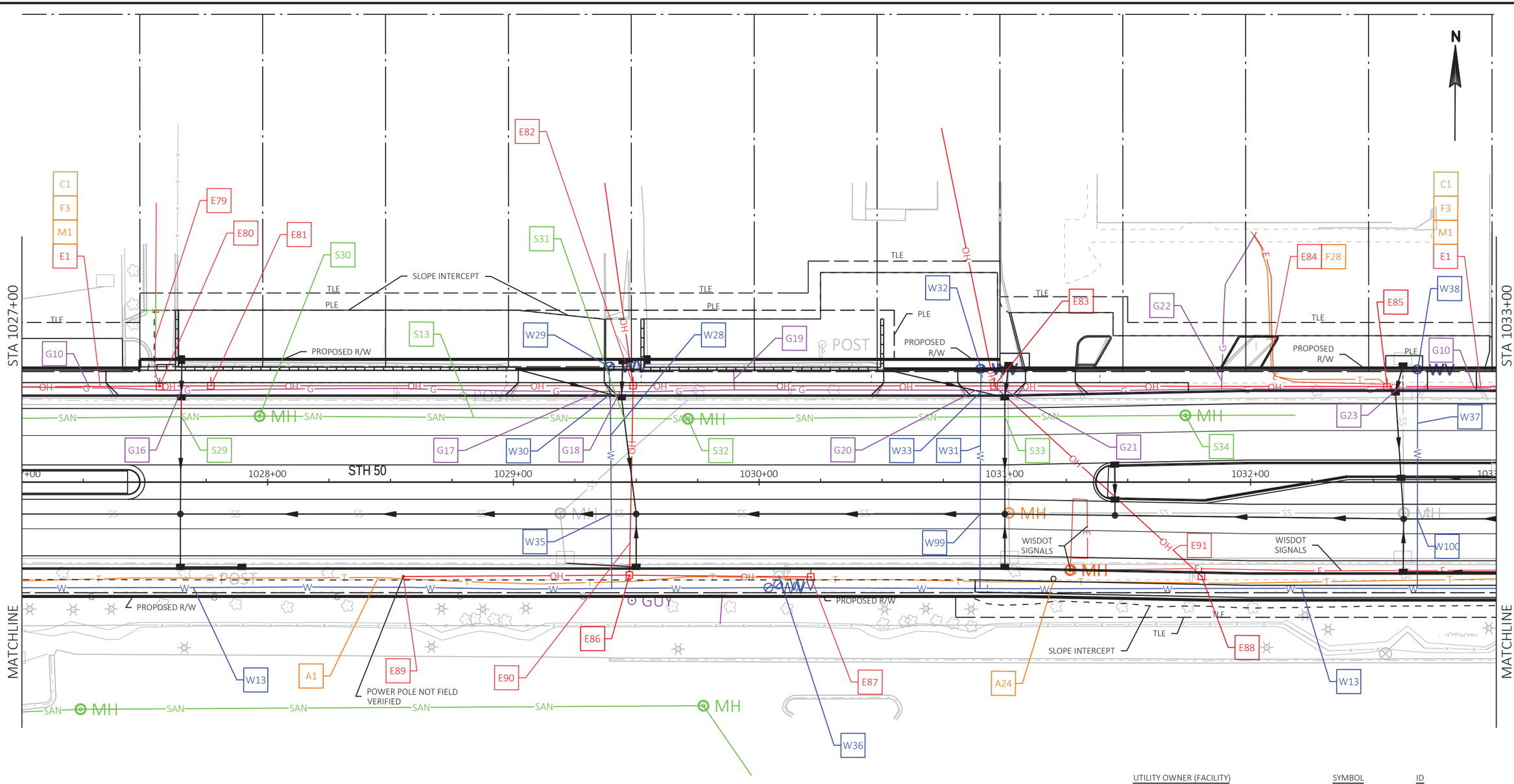
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
16	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
16	A16	COMMUNICATIONS LINE	UG	1022+00	36' RT	STORM SEWER	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
16	A17	COMMUNICATIONS LINE	UG	1026+04	37' RT	STORM SEWER	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
16	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
16	C12	COMMUNICATIONS LINE	OH	1021+11 - 1021+36	39' LT - 69' RT	GRADING	YES	1021+09 - 1021+36 39' LT-50' RT	---	YES	NO	NO	100	
16	C13	COMMUNICATIONS LINE	OH	1025+99 - 1026+04	66' LT - 50' RT	GRADING	YES	1025+97 - 1026+05 89' RT-40' LT	---	NO	NO	YES	100	
16	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
16	F26	COMMUNICATIONS LINE	OH	1025+99 - 1026+04	66' LT - 50' RT	GRADING	YES	1025+97 - 1026+05 89' RT-40' LT	---	NO	NO	YES	100	
16	F92	HANDHOLE	UG	1026+07	38' LT	GRADING	YES	---	ADJUST PED	NO	NO	NO	100	
16	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
16	M4	COMMUNICATIONS LINE	OH	1025+99 - 1026+04	66' LT - 50' RT	GRADING	YES	1025+97 - 1026+05 89' RT-40' LT	---	NO	NO	YES	100	
16	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
16	E63	POWER POLE	OH	1021+11	39' LT	GRADING	YES	1021+09, 39' LT	---	NO	NO	YES	150	
16	E64	POWER POLE	OH	1022+79	38' LT	GRADING	YES	1022+39, 39' LT	---	NO	NO	YES	150	
16	E65	POWER POLE	OH	1023+56	39' LT	GRADING	YES	1023+54, 39' LT	---	NO	NO	YES	150	
16	E66	POWER POLE	OH	1024+08	38' LT	GRADING	YES	1024+10, 39' LT	---	NO	NO	YES	150	
16	E67	POWER POLE	OH	1026+04	38' LT	GRADING / CLEAR ZONE	YES	1026+04, 40' LT	---	NO	NO	YES	150	
16	E68	POWER POLE	OH	1021+36	50' RT	GRADING	NO	---	---	NO	NO	YES	---	POLE SOLD TO CHARTER
16	E69	POWER POLE	OH	1021+73	39' RT	GRADING	YES	1021+71, 39' RT	---	NO	NO	NO	150	
16	E70	POWER POLE	OH	1023+34	38' RT	GRADING	YES	1023+36, 39' RT	---	NO	NO	NO	150	
16	E71	POWER POLE	OH	1024+09	39' RT	GRADING	YES	REMOVE POLE	---	NO	NO	YES	150	
16	E72	POWER POLE	OH	1024+95	40' RT	GRADING	YES	1024+93, 40' RT	---	NO	NO	NO	150	
16	E73	ELECTRIC SERVICE	OH	1024+95 - 1025+74	40' RT - 78' RT	GRADING	YES	1024+93 - 1025+74 40' RT-78' RT	---	NO	NO	NO	150	
16	E74	POWER POLE	OH	1026+93	39' RT	GRADING	YES	1026+91, 39' RT	---	NO	NO	NO	150	
16	E75	ELECTRIC SERVICE	OH	1021+11 - 1021+36	39' LT - 69' RT	GRADING	YES	REMOVE LINE	---	NO	NO	YES	150	CHARTER JOINT USE TO REMAIN
16	E76	ELECTRIC SERVICE	OH	1021+73 - 1022+79	38' LT - 39' RT	GRADING	YES	1021+71 - 1022+38 39' LT-39' RT	---	NO	NO	NO	150	
16	E77	ELECTRIC SERVICE	OH	1024+09	38' LT - 39' RT	GRADING	YES	REMOVE LINE	---	NO	NO	YES	150	
16	E78	ELECTRIC SERVICE	OH	1025+99 - 1026+04	66' LT - 50' RT	GRADING	YES	1025+97 - 1026+05 89' RT-40' LT	---	NO	NO	YES	100	
16	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
16	G14	GAS LATERAL	UG	1022+16 - 1022+17	46' LT - 53' LT	GRADING	YES	1022+17, 15'-46' LT	---	YES	NO	NO	120	
16	G15	GAS LATERAL	UG	1026+22 - 1026+24	38' LT - 46' RT	GRADING	YES	DISCONTINUE	---	YES	NO	NO	120	
16	G57	GAS LATERAL	UG	1026+24	35' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
16	G58	GAS MAIN	UG	1024+21	47' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL

2

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
16	S13	SANITARY SEWER	UG	1009+88 - 1032+18	21' LT - 48' LT	GRADING	NO	---	---	NO	NO	NO	---	
16	S22	SANITARY MANHOLE	UG	1021+52	26' LT	GRADING	YES	---	RECON MH	NO	NO	NO	1	
16	S23	SANITARY MANHOLE	UG	1022+72	28' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
16	S24	SANITARY SEWER	UG	1023+00	28' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
16	S25	SANITARY SEWER	UG	1025+09	26' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
16	S26	SANITARY MANHOLE	UG	1025+96	25' LT	GRADING	YES	---	RECON MH	NO	NO	NO	1	
16	S27	SANITARY SEWER	UG	1025+96 - 1026+01	25' LT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
16	S28	SANITARY SEWER	UG	1025+99	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
16	S69	SANITARY FORCE MAIN	UG	1025+32	60' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
16	S70	SANITARY FORCE MAIN	UG	1025+89	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
16	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
16	W22	WATER VALVE	UG	1022+66	44' RT	GRADING	NO	---	---	NO	NO	NO	---	
16	W23	WATER VALVE	UG	1024+72	41' RT	GRADING	YES	---	SAME LOCATION	NO	NO	NO	1	BOX EXTENSION & ADJUST TO FINAL GRADE
16	W24	HYDRANT	UG	1024+71	39' RT	GRADING	YES	---	SAME LOCATION	NO	NO	NO	1	VERTICAL EXTENSION WITH PROJECT
16	W25	WATER SERVICE	UG	1026+12	13' LT	STORM SEWER	NO	---	---	NO	NO	NO	----	
16	W26	WATER SERVICE	UG	1026+10	12' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
16	W27	WATER VALVE	UG	1026+14	47' LT	GRADING								
16	W119	WATER SERVICE	UG	1022+25	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
16	W120	WATER SERVICE	UG	1023+60	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION



UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

NOTE: WISDOT SIGNAL EQUIPMENT SHOWN ON THIS SHEET TO BE REMOVED AND REPLACED AS PART OF ID 1310-04-70. SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 220	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 07
PLOT DATE : 8/2/2021 11:01 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
								RELOCATION		DISCONTINUTED				
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)	COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
19	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
19	A24	COMMUNICATIONS LINE	UG	1031+20	41' RT	TRAFFIC SIGNAL PULLBOX	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
19	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
19	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
19	F28	COMMUNICATIONS LINE	UG	1032+09 - 1032+56	39' LT - 60' LT	GRADING	NO	---	---	NO	NO	NO	100	
19	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
19	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
19	E79	ELECTRIC SERVICE	UG	1027+54 - 1027+56	39' LT - 70' LT	GRADING	YES	1027+54-1027+56 39' LT-70' LT	---	NO	NO	NO	150	LOWER CABLES IN SAME LOCATION
19	E80	POWER POLE	OH	1027+56	39' LT	GRADING	YES	1027+54, 39' LT	---	NO	NO	YES	150	
19	E81	POWER POLE	OH	1027+77	39' LT	GRADING	YES	1027+73, 39' LT	---	NO	NO	YES	150	
19	E82	POWER POLE	OH	1029+49	39' LT	GRADING	YES	1029+56, 39' LT	---	NO	NO	YES	150	
19	E83	POWER POLE	OH	1030+96	39' LT	GRADING	YES	1030+94, 39' LT	---	NO	NO	YES	150	
19	E84	ELECTRIC SERVICE	UG	1032+09 - 1032+56	39' LT - 60' LT	GRADING	YES	DISCONTINUE	---	YES	NO	NO	150	
19	E85	POWER POLE	OH	1032+56	39' LT	GRADING / CLEAR ZONE	YES	1031+73, 40' LT	---	NO	NO	YES	150	
19	E86	POWER POLE	OH	1029+47	38' RT	GRADING	YES	1029+61, 39' RT	---	NO	NO	NO	150	
19	E87	POWER POLE	OH	1030+21	39' RT	GRADING	YES	1030+19, 39' RT	---	NO	NO	NO	150	
19	E88	POWER POLE	OH	1031+80	38' RT	GRADING / CLEAR ZONE	YES	1031+60, 39' RT	---	NO	NO	NO	150	
19	E89	POWER POLE	OH	1028+55	38' RT	GRADING	YES	1028+57, 39' RT	---	NO	NO	NO	150	
19	E90	ELECTRIC SERVICE	OH	1029+47 - 1029+49	39' RT - 39' LT	GRADING	YES	1029+56 - 1029+60 39' LT-39' RT	---	NO	NO	NO	150	
19	E91	ELECTRIC SERVICE	OH	1030+96 - 1031+80	39' LT - 38' RT	GRADING	YES	1030+94 - 1031+60 39' LT-39' RT	---	NO	NO	NO	150	
19	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
19	G16	GAS MAIN	UG	1027+65	37' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
19	G17	GAS MAIN	UG	1029+35	37' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
19	G18	GAS MAIN	UG	1029+43	37' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
19	G19	GAS LATERAL	UG	1029+89	38' LT - 66' LT	GRADING / RETAINING WALL	YES	1029+94, 15'-70' LT	---	YES	NO	NO	120	
19	G20	GAS MAIN	UG	1030+88	37' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
19	G21	GAS MAIN	UG	1031+00	37' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
19	G22	GAS LATERAL	UG	1031+88 - 1031+89	38' LT - 60' LT	GRADING	YES	1031+89, 15'-60' LT	---	YES	NO	NO	120	
19	G23	GAS MAIN	UG	1032+60	38' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
19	S13	SANITARY SEWER	UG	1009+88 - 1032+18	21' LT - 48' LT	GRADING	NO	---	---	NO	NO	NO	---	
19	S29	SANITARY SEWER	UG	1027+65	27' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
19	S30	SANITARY MANHOLE	UG	1027+97	27' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
19	S31	SANITARY SEWER	UG	1029+45	26' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
19	S32	SANITARY MANHOLE	UG	1029+71	26' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
19	S33	SANITARY SEWER	UG	1031+00	27' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
19	S34	SANITARY MANHOLE	UG	1031+73	27' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
19	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
19	W28	WATER LATERAL	UG	1029+39-1029+40	47' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
19	W29	WATER VALVE	UG	1029+39	47' LT	GRADING / STORM SEWER	NO	---	---	NO	NO	NO	---	
19	W30	WATER MAIN	UG	1029+39	36' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
19	W31	WATER LATERAL	UG	1030+90	46' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
19	W32	WATER VALVE	UG	1030+90	46' LT	GRADING	NO	---	---	NO	NO	NO	---	
19	W33	WATER MAIN	UG	1030+90	37' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
19	W36	HYDRANT	UG	1030+08	38' RT	GRADING	NO	---	---	NO	NO	NO	---	
19	W35	WATER LATERAL	UG	1029+40	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
19	W37	WATER LATERAL	UG	1032+68	46' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
19	W38	WATER VALVE	UG	1032+68	46' LT	GRADING / STORM SEWER	NO	---	---	NO	NO	NO	---	
19	W99	WATER LATERAL	UG	1030+90	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
19	W100	WATER LATERAL	UG	1032+68	15' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	

2

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

N

NOTE: WISDOT SIGNAL EQUIPMENT SHOWN ON THIS SHEET TO BE REMOVED AND REPLACED AS PART OF ID 1310-04-70. SEE TRAFFIC SIGNAL PLANS FOR ADDITIONAL INFORMATION.

STA 1033+00

STA 1039+00

246TH AVE

STH 50

1034+00

1035+00

1036+00

1037+00

1038+00

41+00

39+00

EXISTING R/W

PROPOSED R/W

SLOPE INTERCEPT

TLE

WISDOT SIGNALS

MATCHLINE

NOTE: GAS LATERAL NOT COMPLETELY MARKED BY DIGGER'S HOTLINE

SHEET 22 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 223	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 08

PLOT DATE : 8/2/2021 11:01 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
22	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
22	A25	COMMUNICATIONS LINE	UG	1033+54	40' RT	TRAFFIC SIGNAL PULLBOX	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
22	A26	COMMUNICATIONS LINE	UG	1033+71	40' RT	SIGNAL BASE	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
22	A27	COMMUNICATIONS LINE	UG	1034+91	40' RT	TRAFFIC SIGNAL PULLBOX	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
22	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
22	C15	COMMUNICATIONS LINE	UG	1036+55 - 1036+58	39' LT - 67' LT	GRADING	NO	---	---	NO	NO	NO	---	
22	C16	COMMUNICATIONS LINE	UG	1038+79	39' LT - 49' LT	GRADING	NO	---	---	NO	NO	NO	---	
22	C17	COMMUNICATIONS LINE	OH	1034+60 - 1034+79	38' LT - 51' RT	GRADING	YES	1034+59 - 1034+63 41' LT-58' RT	---	NO	NO	YES	100	
22	C18	COMMUNICATIONS LINE	OH	1036+27 - 1036+47	39' LT - 38' RT	GRADING	YES	1036+28 - 1036+59 47' RT-41' LT	---	NO	NO	YES	100	
22	C26	COMMUNICATIONS LINE	OH	1033+72	39' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
22	C29	COMMUNICATIONS LINE	OH	1034+79	49' RT	MONOTUBE POLE	YES	1034+59 - 1034+63 41' LT-58' RT	---	NO	NO	YES	100	
22	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
22	F29	PEDESTAL	UG	1036+53	39' LT	GRADING / CLEAR ZONE	YES	1036+53, 41' LT	---	NO	NO	NO	100	
22	F30	COMMUNICATIONS LINE	UG	1036+53	39' LT - 67' LT	GRADING	YES	1036+53, 41'-43' LT	---	NO	NO	NO	100	
22	F31	COMMUNICATIONS LINE	UG	1038+79 - 1038+80	39' LT - 49' LT	GRADING	NO	---	---	NO	NO	NO	---	
22	F32	COMMUNICATIONS LINE	OH	1034+60 - 1034+79	38' LT - 51' RT	GRADING	YES	1034+59 - 1034+63 41' LT-58' RT	---	NO	NO	YES	100	
22	F33	COMMUNICATIONS LINE	OH	1036+27 - 1036+47	39' LT - 38' RT	GRADING	YES	1036+28 - 1036+59 47' RT-41' LT	---	NO	NO	YES	100	
22	F39	COMMUNICATIONS LINE	OH	1033+72	39' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
22	F42	COMMUNICATIONS LINE	OH	1034+79	49' RT	MONOTUBE POLE	YES	1034+59 - 1034+63 41' LT-58' RT	---	NO	NO	YES	100	
22														
22	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
22	M6	COMMUNICATIONS LINE	OH	1033+72	39' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
22	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
22	E92	POWER POLE	OH	1034+60	38' LT	GRADING / CLEAR ZONE	YES	1034+59, 41' LT	---	NO	NO	YES	150	
22	E93	POWER POLE	OH	1036+47	39' LT	GRADING / CLEAR ZONE	YES	1036+51, 41' LT	---	NO	NO	YES	150	
22	E94	POWER POLE	OH	1036+55	39' LT	GRADING / CLEAR ZONE	YES	1036+59, 41' LT	---	NO	NO	YES	150	
22	E95	POWER POLE	OH	1037+98	40' LT	GRADING / CLEAR ZONE	YES	1038+00, 41' LT	---	NO	NO	YES	150	
22	E96	POWER POLE	OH	1038+79	39' LT	GRADING	YES	1038+83, 40' LT	---	NO	NO	YES	150	
22	E97	ELECTRIC SERVICE	UG	1038+79	39' LT - 49' LT	GRADING	YES	1038+79-1038+83 40'-49' LT	---	NO	NO	NO	150	
22	E98	POWER POLE	OH	1033+62	38' RT	GRADING / CLEAR ZONE	YES	1033+63, 41' RT	---	NO	NO	NO	150	
22	E99	POWER POLE	OH	1035+42	38' RT	GRADING / CLEAR ZONE	YES	1035+41, 41' RT	---	NO	NO	NO	150	

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
22	E100	POWER POLE	OH	1036+27	37' RT	GRADING / CLEAR ZONE	YES	1036+28, 47' RT	---	NO	NO	YES	150	
22	E101	POWER POLE	OH	1036+97	38' RT	GRADING / CLEAR ZONE	YES	1036+97, 46' RT	---	NO	NO	NO	150	
22	E102	POWER POLE	OH	1038+97	38' RT	GRADING	YES	1039+30, 39' RT	---	NO	NO	NO	150	
22	E103	ELECTRIC SERVICE	OH	1033+62 - 1034+60	38' LT - 38' RT	GRADING	YES	1033+63 - 1034+59 41' RT-40' LT	---	NO	NO	NO	150	
22	E104	ELECTRIC SERVICE	OH	1034+60 - 1034+79	38' LT - 51' RT	GRADING	YES	1034+59 - 1034+63 41' LT-58' RT	---	NO	NO	YES	150	
22	E105	ELECTRIC SERVICE	OH	1036+27 - 1036+47	39' LT - 38' RT	GRADING	YES	1036+28 - 1036+59 47' RT-41' LT	---	NO	NO	YES	150	
22	E106	ELECTRIC SERVICE	UG	1036+54	39' LT - 67' LT	GRADING	YES	1036+54 - 1036+59 41' LT	---	NO	NO	NO	150	
22	E185	ELECTRIC SERVICE	OH	1033+72	39' LT	MONOTUBE ARM	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
22	E186	ELECTRIC SERVICE	OH	1034+59	52' LT	MONOTUBE POLE	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
22	E188	ELECTRIC SERVICE	OH	1034+79	49' RT	MONOTUBE POLE	YES	1034+59 - 1034+63 41' LT-58' RT	---	NO	NO	YES	100	
22	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
22	G24	GAS LATERAL	UG	1033+81-1033+98	33' RT-75' RT	GRADING	YES	1034+04, 16' LT-110' RT	---	YES	NO	NO	120	NOT COMPLETELY MARKED BY DIGGER'S HOTLINE.
22	G25	GAS LATERAL	UG	1035+46-1035+64	37' LT - 55' RT	GRADING	YES	1035+21, 16' LT-50' RT	---	YES	NO	NO	120	NOT COMPLETELY MARKED BY DIGGER'S HOTLINE.
22	G26	GAS LATERAL	UG	1036+28-1036+31	37' LT - 47' RT	GRADING	YES	1036+39 16' LT-60' RT	---	YES	NO	NO	120	NOT COMPLETELY MARKED BY DIGGER'S HOTLINE.
22	G27	GAS LATERAL	UG	1038+88	38' LT - 48' LT	GRADING	YES	1038+87 15' LT-60' LT	---	YES	NO	NO	120	
22	G69	GAS MAIN	UG	1033+55	38' LT	TRAFFIC SIGNAL PULLBOX	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
22	G70	GAS MAIN	UG	1034+80	38' LT	SIGNAL BASE	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
22	G71	GAS MAIN	UG	1034+91	38' LT	TRAFFIC SIGNAL PULLBOX	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
22	G72	GAS LATERAL	UG	1033+87	48' RT	SIGNAL BASE	YES	1034+04, 16' LT-110' RT	---	YES	NO	NO	120	
22	S35	SANITARY MANHOLE	UG	1035+33	13' RT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
22	S36	SANITARY SEWER	UG	1035+33 - 1035+34	13' RT - 50' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	S37	SANITARY SEWER	UG	1035+33 - 1040+19	13' RT - 95' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	S38	SANITARY MANHOLE	UG	1037+67	15' RT	GRADING	YES	---	RECON MH	NO	NO	NO	1	
22	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	W39	WATER SERVICE	UG	1033+50 - 1033+51	56' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	W40	WATER VALVE	UG	1033+51	46' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
22	W41	WATER SERVICE	UG	1033+50	15' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
22	W42	WATER VALVE	UG	1034+66	47' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	W43	WATER VALVE	UG	1034+87	41' RT	GRADING	YES	---	1034+87, 53' RT	NO	NO	YES	1	RELOCATE VALVE WITH PROJECT
22	W44	HYDRANT	UG	1034+87	38' RT	GRADING / CLEAR ZONE	YES	---	1034+87, 53' RT	NO	NO	YES	1	RELOCATE HYDRANT WITH PROJECT
22	W45	WATER SERVICE	UG	1034+89 -1034+94	53' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	

EXISTING UTILITY FACILITIES							RESOLUTION								
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
22	W46	WATER VALVE	UG	1034+93	48' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT FORM PED CURB AROUND VALVE
22	W47	WATER VALVE	UG	1035+05	49' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W48	WATER VALVE	UG	1036+53	46' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W49	WATER SERVICE	UG	1036+88-1036+89	66' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	W50	WATER VALVE	UG	1036+89	46' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W51	WATER VALVE	UG	1037+96	46' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W52	WATER VALVE	UG	1038+09	43' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W53	WATER VALVE	UG	1038+56	46' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W54	WATER SERVICE	UG	1037+91	59' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	W55	WATER SERVICE	UG	1037+94	52' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
22	W56	WATER VALVE	UG	1037+91	46' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W57	WATER VALVE	UG	1037+94	46' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	
22	W102	WATER LATERAL	UG	1034+92	41' LT	TRAFFIC SIGNAL PULLBOX	NO	---	---	NO	NO	NO	---	
22	W115	WATER LATERAL	UG	1034+89	5' RT	TRAFFIC SIGNAL PULLBOX	NO	---	---	NO	NO	NO	---	
22	W116	WATER LATERAL	UG	1034+89	41' RT	TRAFFIC SIGNAL PULLBOX	NO	---	---	NO	NO	NO	---	

2

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

N

STA 1039+00

STA 1045+00

MATCHLINE

MATCHLINE

STH 50

STH 50

1040+00

1041+00

1042+00

1043+00

1044+00

71+00

64+00

243RD AVE

244TH AVE

WISDOT SIGNALS

PROPOSED R/W

SLOPE INTERCEPT

(NO EXISTING POLE; LINES ATTACHED OVERHEAD.)

EXISTING R/W

FORCE MAIN NOT LOCATED BY DIGGER'S HOTLINE. VILLAGE TO DETERMINE IF FORCE MAIN IS IN CONFLICT

TLE

SHEET 26 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 227	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 09

PLOT DATE : 8/2/2021 11:03 AM

PLOT BY : BLACKWOOD, JIM

PLOT NAME :

PLOT SCALE : 1 IN:40 FT

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
26	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
26	A18	COMMUNICATIONS LINE	UG	1041+25	35' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
26	A19	COMMUNICATIONS LINE	UG	1042+96	34' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
26	A20	COMMUNICATIONS LINE	UG	1044+71	36' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
26	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
26	C49	COMMUNICATIONS LINE	OH	1039+76 - 1039+79	39' LT - 39' RT	GRADING	YES	1039+78 40' LT-53' RT	---	NO	NO	YES	100	
26	C50	COMMUNICATIONS LINE	OH	1041+51 - 1041+81	38' LT - 37' RT	GRADING	YES	1041+56 - 1041+82 40' LT-39' RT	---	NO	NO	YES	100	
26	C51	COMMUNICATIONS LINE	OH	70+39 - 70+85 243RD AVE	1' LT - 36' RT	GRADING	YES	70+39 - 71+13 243RD AVE 42' RT-24' LT	---	NO	NO	YES	100	
26	C52	COMMUNICATIONS LINE	UG	1043+47 - 1043+52	56' LT - 39' LT	GRADING	YES	1043+52 - 1043+58 39' LT-59' LT	---	NO	NO	NO	100	
26	C53	COMMUNICATIONS LINE	OH	1043+22 - 1043+52	38' LT - 38' RT	GRADING	YES	1043+23 - 1043+58 39' RT-39' LT	---	NO	NO	YES	100	
26	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
26	F64	COMMUNICATIONS LINE	UG	1039+76 - 1039+79	39' LT - 39' RT	GRADING	YES	1039+78 40' LT-53' RT	---	NO	NO	YES	100	
26	F65	COMMUNICATIONS LINE	UG	1041+51 - 1041+81	38' LT - 37' RT	GRADING	YES	1041+56 - 1041+82 40' LT-39' RT	---	NO	NO	YES	100	
26	F66	COMMUNICATIONS LINE	UG	1043+22 - 1043+52	38' LT - 38' RT	GRADING	YES	1043+23 - 1043+58 39' RT-39' LT	---	NO	NO	YES	100	
26	F67	COMMUNICATIONS LINE	UG	70+39 - 70+85 243RD AVE	1' LT - 36' RT	GRADING	YES	70+39 - 71+13 243RD AVE 42' RT-24' LT	---	NO	NO	YES	100	
26	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
26	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
26	E108	POWER POLE	OH	1039+76	39' RT	GRADING / CLEAR ZONE	YES	1039+77, 53' RT	---	NO	NO	YES	150	
26	E109	POWER POLE	OH	1039+79	39' LT	GRADING	YES	1039+77, 40' LT	---	NO	NO	YES	150	
26	E110	POWER POLE	OH	1040+57	37' RT	GRADING	YES	1040+57, 39' RT	---	NO	NO	NO	150	
26	E111	POWER POLE	OH	1041+81	37' RT	GRADING	YES	1041+82, 39' RT	---	NO	NO	YES	150	
26	E112	POWER POLE	OH	1041+51	38' LT	GRADING	YES	1041+57, 40' LT	---	NO	NO	YES	150	
26	E113	POWER POLE	OH	1042+30	39' LT	GRADING	YES	1042+35, 40' LT	---	NO	NO	YES	150	
26	E114	POWER POLE	OH	1042+21	38' RT	GRADING	YES	1042+22, 39' RT	---	NO	NO	YES	150	
26	E115	POWER POLE	OH	1043+52	38' LT	GRADING / CLEAR ZONE	YES	1043+58, 39' LT	---	NO	NO	YES	150	
26	E116	POWER POLE	OH	1043+22	38' RT	GRADING	YES	1043+23, 39' RT	---	NO	NO	YES	150	
26	E117	POWER POLE	OH	1044+54	38' RT	GRADING	YES	1044+59, 39' RT	---	NO	NO	YES	150	
26	E118	GUY WIRE / ANCHOR	OH	1041+81	47' RT	GRADING	YES	1041+84, 50' RT	---	NO	NO	YES	150	
26	E119	GUY WIRE / ANCHOR	OH	1043+15	38' RT	GRADING	YES	1043+14, 39' RT	---	NO	NO	NO	150	
26	E120	GUY WIRE / ANCHOR	OH	1043+16	38' RT	GRADING	YES	1043+14, 39' RT	---	NO	NO	NO	150	
26	E124	ELECTRIC SERVICE	UG	1042+21 - 1042+38	38' RT - 60' RT	GRADING	YES	1042+22-1042+39 39'-60' RT	---	NO	NO	NO	150	

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 228	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023002_UP.DWG
LAYOUT NAME - 18
PLOT DATE : 8/2/2021 11:03 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
26	E125	ELECTRIC SERVICE	UG	1043+52	39' LT - 54' LT	GRADING	YES	1043+58, 39' LT	---	NO	NO	NO	150	
26	E126	ELECTRIC SERVICE	UG	1041+81	38' RT - 50' RT	GRADING	YES	1041+81 - 1041+83 39'-51' RT	---	NO	NO	NO	150	
26	E127	ELECTRIC SERVICE	UG	1041+81 - 1041+84	38' RT - 51' RT	GRADING	YES	1041+81 - 1041+83 39'-51' RT	---	NO	NO	NO	150	
26	E128	ELECTRIC SERVICE	OH	1039+76 - 1039+79	39' LT - 39' RT	GRADING	YES	1039+78 40' LT-53' RT	---	NO	NO	YES	150	
26	E129	ELECTRIC SERVICE	OH	1038+97 - 1039+79	39' LT - 38' RT	GRADING	YES	1039+30-1039+77 39' RT-40' RT	---	NO	NO	NO	150	
26	E130	ELECTRIC SERVICE	OH	1040+10 - 1040+57	39' LT - 38' RT	GRADING	YES	1039+77 - 1040+57 40' LT-39' RT	---	NO	NO	NO	150	
26	E131	ELECTRIC SERVICE	OH	1041+81 - 1042+30	39' LT - 37' RT	GRADING	YES	REMOVE LINE	---	NO	NO	NO	150	
26	E132	ELECTRIC SERVICE	OH	1041+51 - 1041+81	38' LT - 37' RT	GRADING	YES	1041+56 - 1041+82 40' LT-39' RT	---	NO	NO	YES	150	
26	E133	ELECTRIC SERVICE	OH	1042+21 - 1042+30	39' LT - 38' RT	GRADING	YES	1042+22 - 1042+35 39' RT-40' LT	---	NO	NO	NO	150	
26	E134	ELECTRIC SERVICE	OH	1043+22 - 1043+52	38' LT - 38' RT	GRADING	YES	1043+23 - 1043+58 39' RT-39' LT	---	NO	NO	YES	150	
26	E135	ELECTRIC SERVICE	OH	70+39 - 70+85 243RD AVE	1' LT - 36' RT	GRADING	YES	70+39 - 71+13 243RD AVE 42' RT-24' LT	---	NO	NO	YES	150	
26	E137	ELECTRIC SERVICE	OH	1044+50 - 1044+54	38' LT - 38' RT	GRADING	YES	1044+50 - 1044+60 39' LT-39' RT	---	NO	NO	YES	150	
26	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
26	G28	GAS MAIN	UG	1039+80 - 1039+82	68' RT - 37' LT	GRADING	YES	1039+92-1039+93 15' LT-86' RT	---	YES	NO	NO	120	
26	G29	GAS MAIN	UG	1039+71 - 1047+20	34' RT - 99' RT	GRADING	YES	DISCONTINUE	---	YES	NO	NO	120	
26	G30	GAS MAIN	UG	1040+31	36' RT	STORM SEWER	YES	DISCONTINUE	---	YES	NO	NO	120	
26	G31	GAS LATERAL	UG	1040+98	35' RT - 50' RT	GRADING	YES	1040+93 28' LT-48' RT	---	YES	NO	NO	120	
26	G32	GAS LATERAL	UG	1042+29	35' RT - 57' RT	GRADING	YES	1042+34 - 1042+48 56' RT-27' LT	---	YES	NO	NO	120	
26	G33	GAS LATERAL	UG	1042+47	36' RT - 60' RT	GRADING	YES	1042+50 27' LT-100' RT	---	YES	NO	NO	120	
26	G34	GAS VALVE	UG	1039+82	37' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
26	G35	GAS LATERAL	UG	1039+95	37' LT - 48' LT	GRADING	YES	1039+90 15' LT-64' LT	---	YES	NO	NO	120	
26	G36	GAS LATERAL	UG	1041+02	38' LT - 40' LT	GRADING	YES	1041+38 28' LT-50' LT	---	YES	NO	NO	120	
26	G37	GAS LATERAL	UG	1041+65	38' LT - 40' LT	GRADING	YES	1041+60 28' LT-50' LT	---	YES	NO	NO	120	
26	G38	GAS MAIN	UG	1042+96	38' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
26	G59	GAS MAIN	UG	1041+25	35' RT	STORM SEWER	YES	DISCONTINUE	---	YES	NO	NO	120	
26	G60	GAS MAIN	UG	1042+96	36' RT	STORM SEWER	YES	DISCONTINUE	---	YES	NO	NO	120	
26	G61	GAS MAIN	UG	1044+71	36' RT	STORM SEWER	YES	DISCONTINUE	---	YES	NO	NO	120	

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION PRIOR TO CONSTRUCTION (STA/OFFSET)	RELOCATION DURING CONSTRUCTION (STA/OFFSET)	DISCONTINUTED IN-PLACE (YES/NO)	DISCONTINUTED HAZ MAT (YES/NO)	COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
26	S37	SANITARY SEWER	UG	1035+33 - 1040+19	13' RT - 95' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	S38	SANITARY MANHOLE	UG	1040+19	18' RT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
26	S40	SANITARY MANHOLE	UG	1040+17	66' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	S41	SANITARY MANHOLE	UG	1039+29	25' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
26	S42	SANITARY SEWER	UG	1039+29 - 1043+04	20' LT - 85' LT	GRADING	NO	---	---	NO	NO	NO	---	
26	S43	SANITARY MANHOLE	UG	1040+31	22' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
26	S44	SANITARY SEWER	UG	1042+96	20' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
26	S45	SANITARY MANHOLE	UG	1043+04	20' LT	GRADING	NO	---	---	NO	NO	NO	---	
26	S46	SANITARY SEWER	UG	1040+17	59' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
26	S47	SANITARY MANHOLE	UG	1041+54	20' RT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
26	S48	SANITARY SEWER	UG	1041+38 - 1046+78	20' RT - 40' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	S50	SANITARY SEWER	UG	1042+96	21' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
26	S51	SANITARY MANHOLE	UG	1044+29	22' RT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
26	S52	SANITARY SEWER	UG	1044+72	22' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
26	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W58	WATER SERVICE	UG	1039+46 - 1039+47	53' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W59	WATER VALVE	UG	1039+47	46' LT	GRADING	NO	---	---	NO	NO	NO	---	
26	W60	WATER SERVICE	UG	1039+49	52' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W61	WATER VALVE	UG	1039+49	46' LT	GRADING	NO	---	---	NO	NO	NO	---	
26	W62	WATER SERVICE	UG	1039+87 -1040+03	52' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W63	WATER VALVE	UG	1039+99	46' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
26	W64	WATER SERVICE	UG	1041+00	40' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W65	WATER VALVE	UG	1040+49	41' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W66	HYDRANT	UG	1040+50	39' RT	GRADING / CLEAR ZONE	NO	---	---	NO	NO	NO	---	
26	W67	WATER VALVE	UG	1041+01	46' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
26	W68	WATER SERVICE	UG	1041+00	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
26	W69	WATER SERVICE	UG	1041+83	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
26	W70	WATER SERVICE	UG	1041+83 -1041+84	53' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W71	WATER VALVE	UG	1041+84	46' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
26	W72	WATER SERVICE	UG	1042+71	13' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
26	W73	WATER SERVICE	UG	1042+71	34' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
26	W74	WATER SERVICE	UG	1041+71	47' LT - 42' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W75	WATER VALVE	UG	1042+72	45' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
26	W76	WATER VALVE	UG	1043+47	46' LT	GRADING	NO	---	---	NO	NO	NO	---	
26	W77	WATER SERVICE	UG	1043+46 -1043+47	46' LT - 42' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W78	WATER VALVE	UG	1042+26	46' RT	GRADING	NO	---	---	NO	NO	NO	---	
26	W79	WATER MAIN	UG	1040+31	42' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
26	W80	WATER VALVE	UG	1044+10	46' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
26	W81	WATER VALVE	UG	1044+55	46' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
26	W121	WATER VALVE	UG	1042+25	46' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

N

STA 1045+00

STA 1051+00

74TH PLACE
91+00

242ND AVE
79+00

STH 50

1046+00

1047+00

1048+00

1049+00

1050+00

MATCHLINE

PROPOSED R/W

EXISTING R/W

TLE

SLOPE INTERCEPT

PROPOSED HIGHWAY EASMENT

NOTE EXISTING GAS LATERAL NOT COMPLETELY MARKED BY DIGGER'S HOTLINE. WE ENERGIES TO VERIFY IF LATERAL IS IN CONFLICT.

SHEET 30 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 231	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 10

PLOT DATE : 8/2/2021 11:03 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
30	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
30	A8	COMMUNICATIONS LINE	UG	1046+50	33' RT	STORM SEWER	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
30	A9	COMMUNICATIONS LINE	UG	1047+31	38' RT	STORM SEWER	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
30	A21	COMMUNICATIONS LINE	UG	1045+75	36' RT	STORM SEWER	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
30	A22	COMMUNICATIONS LINE	UG	1047+22	38' RT	STORM SEWER	YES	998+65 - 1060+82 25'-89' RT	---	YES	NO	NO	60	
30	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
30	C55	COMMUNICATIONS LINE	OH	1045+22 - 1045+27	38' LT - 39' RT	GRADING	YES	REMOVE LINE	---	NO	NO	YES	100	
30	C56	COMMUNICATIONS LINE	OH	1046+66 - 1046+93	40' LT - 58' RT	GRADING	YES	1046+64 - 1046+91 58' RT- 40' LT	---	NO	NO	YES	150	
30	C58	COMMUNICATIONS LINE	OH	79+42 - 79+45 242ND AVE	30' LT - 32' RT	GRADING	YES	78+89 - 79+42 242ND AVE 27' LT-32' LT	---	NO	NO	YES	150	
30	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
30	F69	COMMUNICATIONS LINE	OH	1045+22 - 1045+27	38' LT - 39' RT	GRADING	YES	1045+20 - 1045+24 39' RT-40' LT	---	NO	NO	YES	100	
30	F70	COMMUNICATIONS LINE	OH	79+42 - 79+45 242ND AVE	30' LT - 32' RT	GRADING	YES	78+89 - 79+42 242ND AVE 27' LT-32' LT	---	NO	NO	YES	100	
30	F72	COMMUNICATIONS LINE	OH	1048+51 - 1048+56	40' LT - 52' RT	GRADING	YES	1048+53 - 1048+56 42' LT-52' LT	---	NO	NO	YES	100	
30	F73	COMMUNICATIONS LINE	UG	1048+50 - 1048+58	52' RT - 57' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	F74	COMMUNICATIONS LINE	UG	1048+75 - 1048+81	56' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
30	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
30	E138	POWER POLE	OH	1045+27	38' LT	GRADING	YES	1045+24, 40' LT	---	NO	NO	YES	150	
30	E139	POWER POLE	OH	1045+22	39' RT	GRADING	YES	1045+20, 39' RT	---	NO	NO	YES	150	
30	E140	POWER POLE	OH	1046+05	38' RT	GRADING	YES	1046+10, 39' RT	---	NO	NO	YES	150	
30	E141	POWER POLE	OH	1046+93	40' LT	GRADING	YES	1046+91, 40' LT	---	NO	NO	YES	150	
30	E142	POWER POLE	OH	1047+63	40' RT	GRADING	YES	1047+59, 41' RT	---	NO	NO	YES	150	
30	E143	POWER POLE	OH	1050+21	40' LT	GRADING	YES	1050+19, 41' LT	---	NO	NO	YES	150	
30	E144	POWER POLE	OH	1046+66	58' RT	GRADING	YES	1046+64, 58' RT	---	NO	NO	YES	150	
30	E145	POWER POLE	OH	1048+56	52' RT	GRADING	YES	1046+56, 52' RT	---	NO	NO	YES	150	
30	E146	POWER POLE	OH	1048+51	40' LT	GRADING	YES	1048+53, 42' LT	---	NO	NO	YES	150	
30	E147	GUY WIRE/ANCHOR	OH	1048+34	40' LT	GRADING	YES	REMOVE GUY	---	NO	NO	YES	---	
30	E148	GUY WIRE/ANCHOR	OH	1048+51	48' LT	GRADING	YES	1048+52, 49' LT	---	NO	NO	YES	150	
30	E149	GUY WIRE/ANCHOR	OH	1048+72	41' LT	GRADING	YES	1048+74, 42' LT	---	NO	NO	YES	150	

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
30	E150	ELECTRIC SERVICE	UG	1048+48 - 1048+56	52' RT - 57' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	E151	ELECTRIC SERVICE	UG	1045+20 - 1045+24	39' RT - 55' RT	GRADING	YES	1045+19 - 1045+21 39'-52' RT	---	NO	NO	YES	150	
30	E152	GUY WIRE/ANCHOR	OH	1045+20	46' RT	GRADING	YES	1045+20, 46' RT	---	NO	NO	YES	150	
30	E153	GUY WIRE/ANCHOR	OH	1046+50	59' RT	GRADING	YES	1046+49, 59' RT	---	NO	NO	YES	150	
30	E154	ELECTRIC SERVICE	UG	1046+51 - 1046+66	56' RT - 66' RT	GRADING	YES	1046+60 - 1046+64 58' RT	---	NO	NO	YES	150	
30	E155	ELECTRIC SERVICE	OH	79+42 - 79+45 242ND AVE	30' LT - 32' RT	GRADING	YES	78+89 - 79+42 242ND AVE 27' LT-32' LT	---	NO	NO	YES	150	
30	E156	ELECTRIC SERVICE	OH	1045+22 - 1045+27	38' LT - 39' RT	GRADING	YES	1045+20 - 1045+24 39' RT-40' LT	---	YES	NO	NO	150	
30	E157	ELECTRIC SERVICE	OH	1046+05 - 1046+37	39' LT - 38' RT	GRADING	YES	1046+10 - 1046+37 39' LT-39' RT	---	NO	NO	YES	150	
30	E158	ELECTRIC SERVICE	OH	1046+66 - 1046+93	40' LT - 58' RT	GRADING	YES	1046+64 - 1046+91 58' RT- 40' LT	---	NO	NO	YES	150	
30	E159	ELECTRIC SERVICE	OH	1048+51 - 1048+56	40' LT - 52' RT	GRADING	YES	1048+53 - 1048+56 42' LT-52' LT	---	NO	NO	YES	150	
30	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
30	G29	GAS MAIN	UG	1039+71 - 1047+20	34' LT - 99' LT	GRADING	YES	DISCONTINUE	---	YES	NO	NO	120	
30	G39	GAS MAIN	UG	1046+56	38' RT	STORM SEWER	YES	DISCONTINUE	---	YES	NO	NO	120	
30	G42	GAS MAIN	UG	1047+44 - 1047+46	39' LT - 60' LT	GRADING	YES	1047+45 - 1047+50 29' LT-62' LT	---	YES	NO	NO	120	
30	G43	GAS LATERAL	UG	1048+14 - 1048+18	39' LT - 19' RT	GRADING	YES	1047+94 29' LT-53' RT	---	YES	NO	NO	120	LATERAL NOT COMPLETELY MARKED BY DIGGERS HOTLINE.
30	G44	GAS LATERAL	UG	1048+17	2' RT	STORM SEWER	YES	1047+94 29' LT-53' RT	---	YES	NO	NO	120	
30	G62	GAS MAIN	UG	1045+75	37' RT	STORM SEWER	YES	DISCONTINUE	---	YES	NO	NO	120	
30	S48	SANITARY SEWER	UG	1041+38 - 1046+78	20' RT - 21' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	S53	SANITARY SEWER	UG	1045+75	22' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
30	S54	SANITARY SEWER	UG	1046+50	22' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
30	S55	SANITARY MANHOLE	UG	1046+78	21' RT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
30	S56	SANITARY SEWER	UG	1046+78	49' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	S57	SANITARY SEWER	UG	1046+78	21' RT - 105' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	W84	WATER VALVE	UG	1046+37	39' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	W85	HYDRANT	UG	1046+40	39' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	W86	WATER MAIN	UG	1046+70	44' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
30	W87	WATER VALVE	UG	1048+03	48' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
30	W88	WATER VALVE	UG	1048+71	44' RT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
30	W89	WATER MAIN	UG	1046+40	46' LT - 43' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	W90	WATER VALVE	UG	1046+40	46' LT	GRADING	NO	---	---	NO	NO	NO	---	
30	W91	WATER LATERAL	UG	1046+40	14' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
30	W92	WATER LATERAL	UG	1046+41	35' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	ADD INSULATION
30	W93	WATER MAIN	UG	1049+56 -1049+57	41' LT-44' RT	GRADING	NO	---	---	NO	NO	NO	---	
30	W94	WATER VALVE	UG	1049+56	41' LT	GRADING	NO	---	---	NO	NO	NO	---	

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

N

STA 1051+00

STA 1057+00

MATCHLINE

MATCHLINE

STH 50

STH 50

1052+00

1053+00

1054+00

1055+00

1056+00

C1 F3 M1 E1

G10

G63

G64

E161

E162

E163

E164

E165

E166

E167 C59 F75

A1

A10

A11

W13

W95

W96

W97

W98

TLE

SLOPE INTERCEPT

PROPOSED HIGHWAY EASEMENT

EXISTING R/W

GUY

SHEET 33 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 234	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 11

PLOT DATE : 8/2/2021 11:04 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
33	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
33	A10	COMMUNICATIONS LINE	UG	1052+40	43' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
33	A11	COMMUNICATIONS LINE	UG	1055+24	43' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
33	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
33	C59	COMMUNICATIONS LINE	OH	1055+33 - 1055+51	41' LT - 64' RT	GRADING	YES	1055+31 - 1055+49 75' RT-41' LT	---	YES	NO	NO	100	
33	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
33	F75	COMMUNICATIONS LINE	OH	1055+33 - 1055+51	41' LT - 64' LT	GRADING	YES	1055+31 - 1055+49 75' RT-41' LT	---	YES	NO	NO	100	
33														
33	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
33	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
33	E161	POWER POLE	OH	1051+96	41' LT	GRADING	YES	1051+98, 41' LT	---	NO	NO	YES	150	
33	E162	POWER POLE	OH	1053+62	41' LT	GRADING	YES	1053+60, 41' LT	---	NO	NO	YES	150	
33	E163	POWER POLE	OH	1055+51	41' LT	GRADING	YES	1055+49, 41' LT	---	NO	NO	YES	150	
33	E164	POWER POLE	OH	1056+94	40' LT	GRADING	YES	1056+96, 41' LT	---	NO	NO	YES	150	
33	E165	GUY WIRE/ANCHOR	OH	1055+35	41' LT	GRADING	YES	REMOVE GUY	---	NO	NO	YES	150	
33	E167	ELECTRIC SERVICE	OH	1055+33 - 1055+51	41' LT - 64' LT	GRADING	YES	1055+31 - 1055+49 75' RT-41' LT	---	YES	NO	NO	150	
33	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
33	G63	GAS MAIN	UG	1052+22	39' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
33	G64	GAS MAIN	UG	1054+82	38' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
33	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
33	W95	WATER VALVE	UG	1051+94	42' RT	GRADING	NO	---	---	NO	NO	NO	---	
33	W96	HYDRANT	UG	1051+95	44' RT	GRADING	NO	---	---	NO	NO	NO	---	
33	W97	WATER MAIN	UG	1052+44	44' RT	GRADING	NO	---	---	NO	NO	NO	---	
33	W98	WATER MAIN	UG	1055+24	45' RT	GRADING	NO	---	---	NO	NO	NO	---	

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

N

NOTE UNDERGROUND COMMUNICATIONS LINE NOT COMPLETELY MARKED BY DIGGER'S HOTLINE. MIDWEST FIBER NETWORKS TO VERIFY IF COMMUNICATIONS LINE IS IN CONFLICT.

NOTE WATER MAIN ON 236TH AVE NOT COMPLETELY MARKED BY DIGGER'S HOTLINE. VILLAGE TO VERIFY IF WATER MAIN IS IN CONFLICT.

MATCHLINE STA 1057+00

STA 1063+00 MATCHLINE

STH 50

236TH AVE

1058+00 1059+00 1060+00 1061+00 1062+00

PROPOSED HIGHWAY EASEMENT

SLOPE INTERCEPT

EXISTING R/W

PIE

GUY

MH

WV

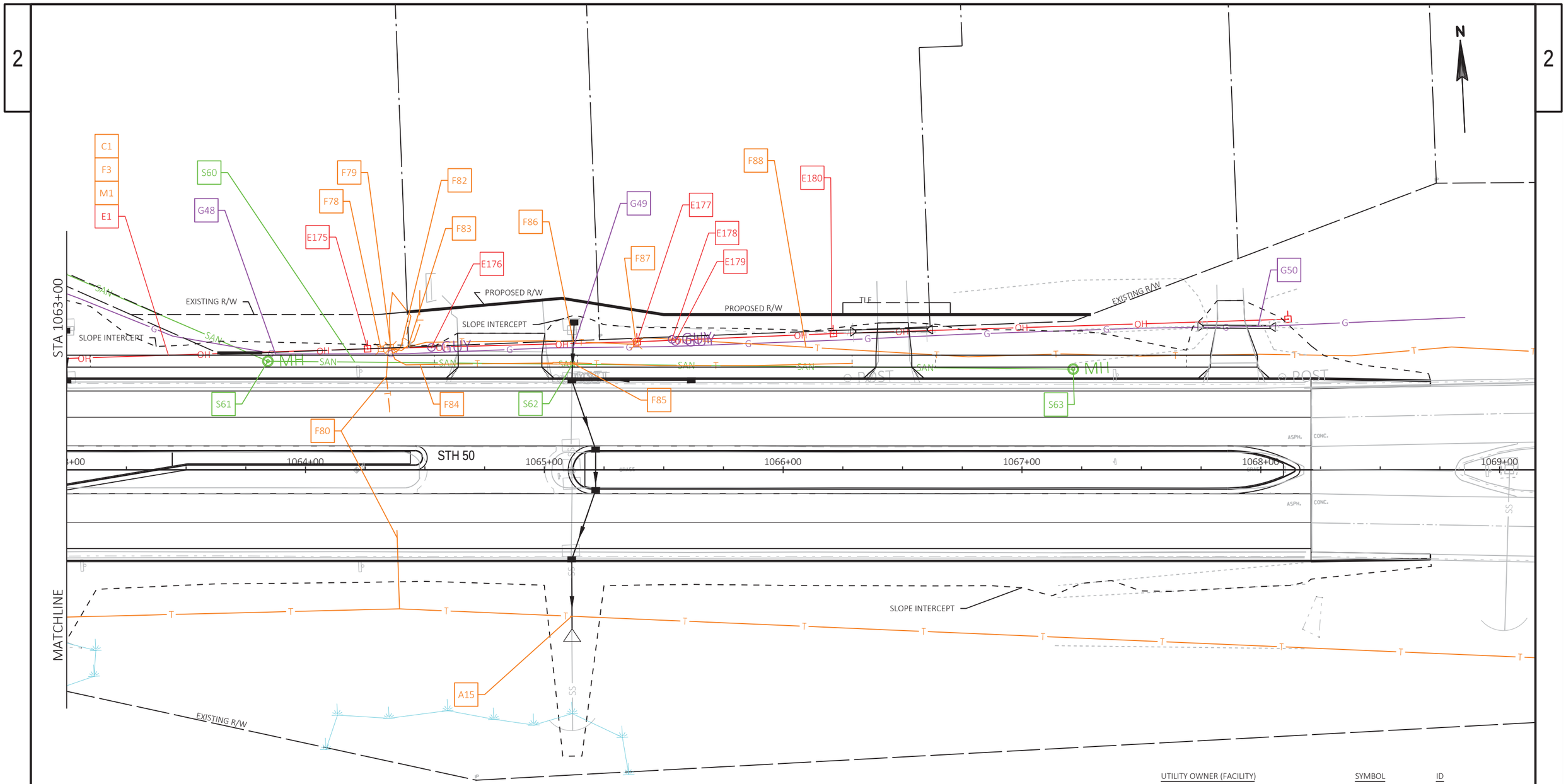
C1 F3 M1 E1 G10 E168 E169 E170 E171 E172 E173 F76 G45 G46 G47 M9 S58 S59 W103 W104 W105 W106 W107 W108 W109 W111 W112 W113 W114 W13 A1 A12 A13 A14

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 236	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 12

PLOT DATE : 8/2/2021 11:04 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
35	A1	COMMUNICATIONS LINE	UG	998+65 - 1059+11	33' RT - 89' RT	GRADING	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
35	A12	COMMUNICATIONS LINE	UG	1058+65	56' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
35	A13	COMMUNICATIONS LINE	UG	1060+58	64' RT	STORM SEWER	YES	998+65 - 1060+82 25' -89' RT	---	YES	NO	NO	60	
35	A14	COMMUNICATIONS LINE	UG	1062+87	62' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
35	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
35	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
35	F76	COMMUNICATIONS LINE	OH	1060+31 - 1060+35	43' LT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
35	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
35	M9	COMMUNICATIONS LINE	OH	1062+60 - 1062+97	47' LT 116' LT	GRADING	YES	1062+66 - 1064+28 42'-84' LT	---	NO	NO	YES	90	NOT COMPLETELY MARKED BY DIGGER'S HOTLINE
35	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
35	E168	POWER POLE	OH	1058+43	41' LT	GRADING	YES	1058+45, 41' LT	---	NO	NO	YES	150	
35	E169	POWER POLE	OH	1060+31	43' LT	GRADING	YES	1060+29, 42' LT	---	NO	NO	YES	150	
35	E170	POWER POLE	OH	1061+62	43' LT	GRADING	YES	1061+58, 42' LT	---	NO	NO	YES	150	
35	E171	POWER POLE	OH	1062+97	47' LT	GRADING	YES	1063+06, 42' LT	---	NO	NO	YES	150	
35	E172	POWER POLE	OH	1061+88	60' LT	GRADING	NO	---	---	NO	NO	YES	150	
35	E173	ELECTRIC SERVICE	OH	1058+43 - 1058+99	41' LT - 76' RT	GRADING	YES	1058+45 - 1059+00 41' LT-79' RT	---	NO	NO	YES	150	
35	G10	GAS MAIN 8"	UG	1012+63 - 1060+50	34' LT - 69' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
35	G45	GAS MAIN	UG	1061+88 - 1062+66	86' LT - 91' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
35	G46	GAS VALVE	UG	1062+50	138' LT	GRADING	YES	1062+50 - 1062+70 29'-148' LT	---	YES	NO	NO	120	
35	G47	GAS VALVE	UG	1062+51	140' LT	GRADING	YES	1062+50 - 1062+70 29'-148' LT	---	YES	NO	NO	120	
35	S58	SANITARY MANHOLE	UG	1061+98	127' LT	GRADING	NO	---	---	NO	NO	NO	---	
35	S59	SANITARY SEWER	UG	1061+98 - 1062+64	97' LT - 135' LT	GRADING	NO	---	---	NO	NO	NO	---	
35	W13	WATER MAIN	UG	1011+11 - 1059+63	42' RT - 48' RT	GRADING	NO	---	---	NO	NO	NO	---	
35	W103	WATER MAIN	UG	1058+44	47' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
35	W104	WATER MAIN	UG	1060+58	50' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
35	W106	WATER MAIN	UG	1061+44 - 1061+62	50' LT - 45' RT	GRADING	NO	---	---	NO	NO	NO	---	
35	W108	HYDRANT	UG	1061+64	52' LT	GRADING	NO	---	---	NO	NO	NO	---	
35	W109	WATER VALVE	UG	1062+12	102' LT	GRADING	NO	---	---	NO	NO	NO	---	
35	W111	WATER VALVE	UG	1062+58	121' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
35	W112	WATER VALVE	UG	1062+55	116' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
35	W113	WATER VALVE	UG	1062+55	114' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT
35	W114	WATER VALVE	UG	1062+58	114' LT	GRADING	YES	---	ADJUST VALVE	NO	NO	NO	1	WITH PROJECT



UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL

SHEET 37 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 238	E

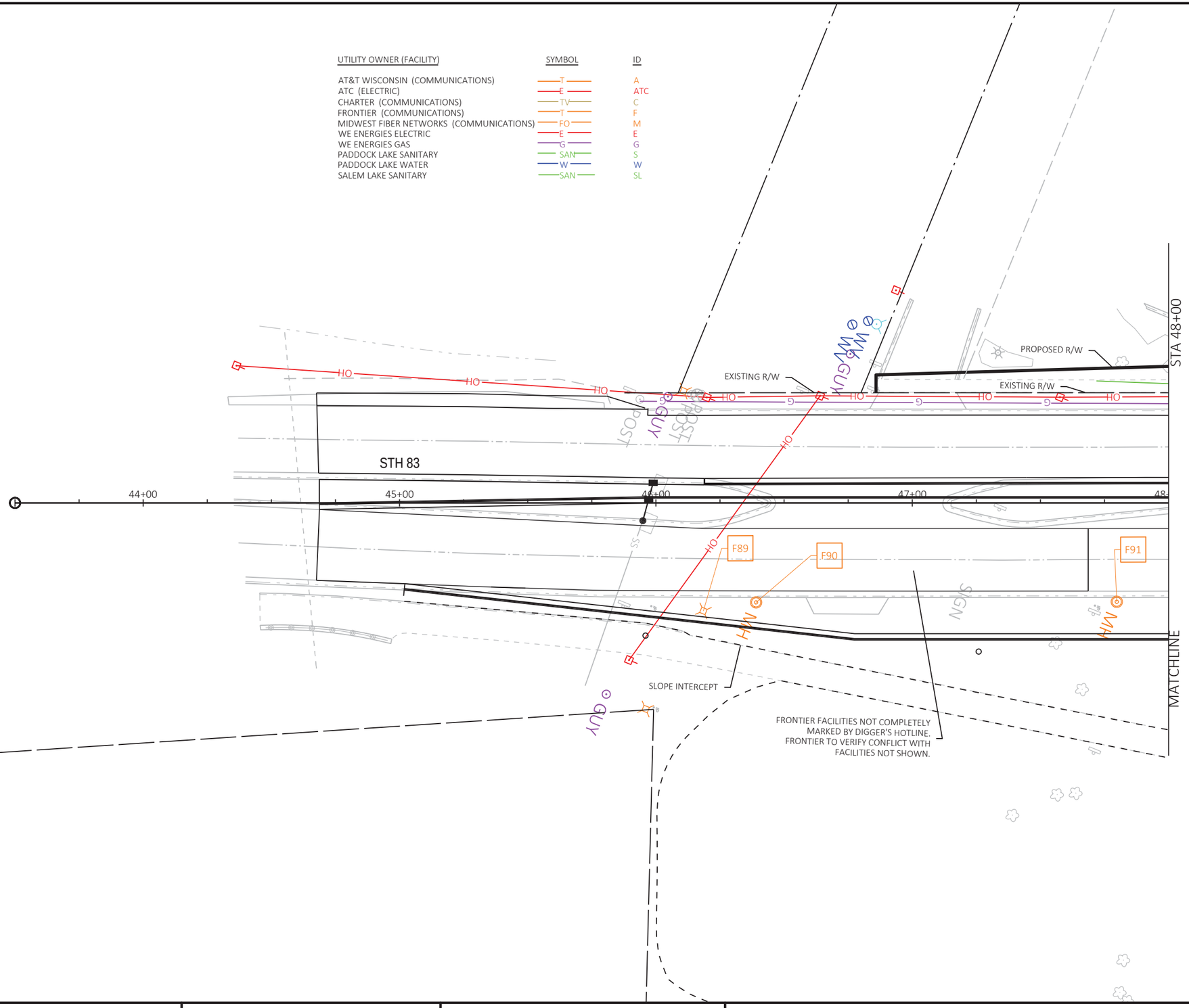
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 13

PLOT DATE : 8/2/2021 11:04 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION								
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
37	A15	COMMUNICATIONS LINE	UG	1065+12	61' RT	STORM SEWER	NO	---	---	NO	NO	NO	---	
37	C1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
37	F3	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	100	
37	F78	PEDESTAL	UG	1064+32	51' LT	GRADING	YES	---	ADJUST PED	NO	NO	NO	100	
37	F79	PEDESTAL	UG	1064+36	51' LT	GRADING	YES	---	ADJUST PED	NO	NO	NO	100	
37	F80	COMMUNICATIONS LINE	UG	1064+34 - 1064+39	53' LT - 47' RT	GRADING	NO	---	---	NO	NO	NO	---	
37	F82	COMMUNICATIONS LINE	UG	1064+36 - 1064+40	49' LT - 52' LT	GRADING	NO	---	---	NO	NO	NO	---	
37	F83	COMMUNICATIONS LINE	UG	1064+36 - 1064+43	50' LT - 52' LT	GRADING	NO	---	---	NO	NO	NO	---	
37	F84	COMMUNICATIONS LINE	UG	1064+36 - 1066+29	44' LT - 51' LT	GRADING	NO	---	---	NO	NO	NO	---	
37	F85	COMMUNICATIONS LINE	UG	1065+12	45' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
37	F86	COMMUNICATIONS LINE	UG	1065+12	54' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
37	F87	PEDESTAL	UG	1065+38	53' LT	GRADING	YES	---	ADJUST PED	NO	NO	NO	100	
37	F88	COMMUNICATIONS LINE	UG	1064+36 -1068+27	47' LT - 55' LT	GRADING	NO	---	---	NO	NO	NO	---	
37	M1	COMUNICATION LINE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	90	
37	E1	ELECTRIC SERVICE	OH	994+20 - 1068+11	38' LT - 63' LT	GRADING	YES	994+20 - 1068+11 39'-63' LT	---	NO	NO	YES	150	
37	E175	POWER POLE	OH	1064+26	51' LT	GRADING	YES	1064+28, 51' LT	---	NO	NO	YES	150	
37	E176	GUY WIRE/ANCHOR	OH	1064+53	51' LT	GRADING	YES	1064+54, 52' LT	---	NO	NO	YES	150	
37	E177	POWER POLE	OH	1065+39	54' LT	GRADING	YES	REMOVE POLE	---	NO	NO	YES	150	
37	E178	GUY WIRE/ANCHOR	OH	1065+53	55' LT	GRADING	YES	REMOVE GUY	---	NO	NO	YES	150	
37	E179	GUY WIRE/ANCHOR	OH	1065+55	54' LT	GRADING	YES	REMOVE GUY	---	NO	NO	YES	150	
37	E180	POWER POLE	OH	1066+21	57' LT	GRADING	YES	1066+19, 55' LT	---	NO	NO	YES	150	
37	G48	GAS MAIN	UG	1063+59 - 1067+13	49' LT - 58' LT	GRADING	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	PROPOSED MAIN IS 12" STEEL
37	G49	GAS MAIN	UG	1065+12	51' LT	STORM SEWER	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
37	G50	GAS MAIN	UG	1067+71 - 1068+12	59' LT - 61' LT	GRADING / CULVERT	YES	994+20 - 1068+21 15'-44' LT	---	YES	NO	NO	120	
37	S60	SANITARY SEWER	UG	1063+65 - 1067+13	42' LT - 54' LT	GRADING	NO	---	---	NO	NO	NO	---	
37	S61	SANITARY MANHOLE	UG	1063+84	45' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	
37	S62	SANITARY SEWER	UG	1065+12	44' LT	STORM SEWER	NO	---	---	NO	NO	NO	---	
37	S63	SANITARY MANHOLE	UG	1067+21	42' LT	GRADING	YES	---	ADJUST MH	NO	NO	NO	1	

UTILITY OWNER (FACILITY)	SYMBOL	ID
AT&T WISCONSIN (COMMUNICATIONS)	T	A
ATC (ELECTRIC)	E	ATC
CHARTER (COMMUNICATIONS)	TV	C
FRONTIER (COMMUNICATIONS)	T	F
MIDWEST FIBER NETWORKS (COMMUNICATIONS)	FO	M
WE ENERGIES ELECTRIC	E	E
WE ENERGIES GAS	G	G
PADDOCK LAKE SANITARY	SAN	S
PADDOCK LAKE WATER	W	W
SALEM LAKE SANITARY	SAN	SL



SHEET 39 OF 40

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 240	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023001_UP.DWG
LAYOUT NAME - 14

PLOT DATE : 8/2/2021 11:04 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

EXISTING UTILITY FACILITIES							RESOLUTION							
UTILITY DETAIL SHEET	CONFLICT ID	FACILITY TYPE	LOCATION	EXISTING FACILITIES (STA)	OFFSET (LT/RT)	IN CONFLICT WITH:	CONFLICT ANTICIPATED (YES/NO)	RELOCATION		DISCONTINUTED		COORDINATE WITH OTHER UTILITIES (YES/NO)	WORKING DAYS TO PERFORM	ADDITIONAL INFORMATION
								PRIOR TO CONSTRUCTION (STA/OFFSET)	DURING CONSTRUCTION (STA/OFFSET)	IN-PLACE (YES/NO)	HAZ MAT (YES/NO)			
39	F89	PEDESTAL	UG	46+19 STH83	42' RT	GRADING	YES	REMOVE PED	---	NO	NO	NO	100	
39	F90	MANHOLE	UG	46+39 STH83	39' RT	GRADING	NO	---	---	NO	NO	NO	---	TRAFFIC SIGNAL PULL BOX
39	F91	MANHOLE	UG	47+80 STH83	38' RT	GRADING	YES	REMOVE PED	---	NO	NO	NO	100	

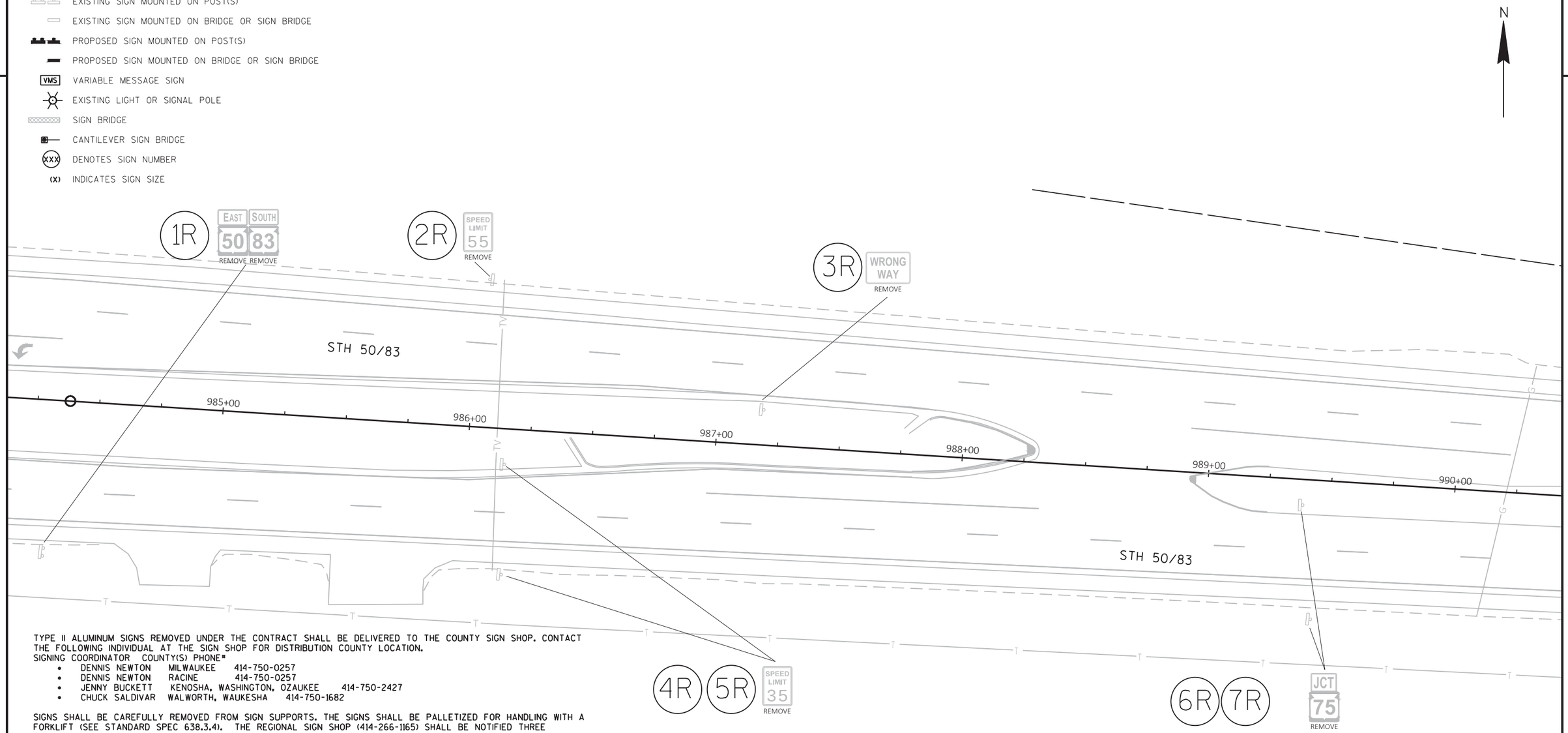
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	UTILITY PLAN	SHEET 241	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\023002_UP.DWG
LAYOUT NAME - 26
PLOT DATE : 8/2/2021 11:04 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.
SIGNING COORDINATOR COUNTY(S) PHONE#

- DENNIS NEWTON MILWAUKEE 414-750-0257
- DENNIS NEWTON RACINE 414-750-0257
- JENNY BUCKETT KENOSHA, WASHINGTON, OZAUKEE 414-750-2427
- CHUCK SALDIVAR WALWORTH, WAUKESHA 414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (414-266-1165) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POST SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON ESTABLISHING NO PASSING ZONES PAY ITEM. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.

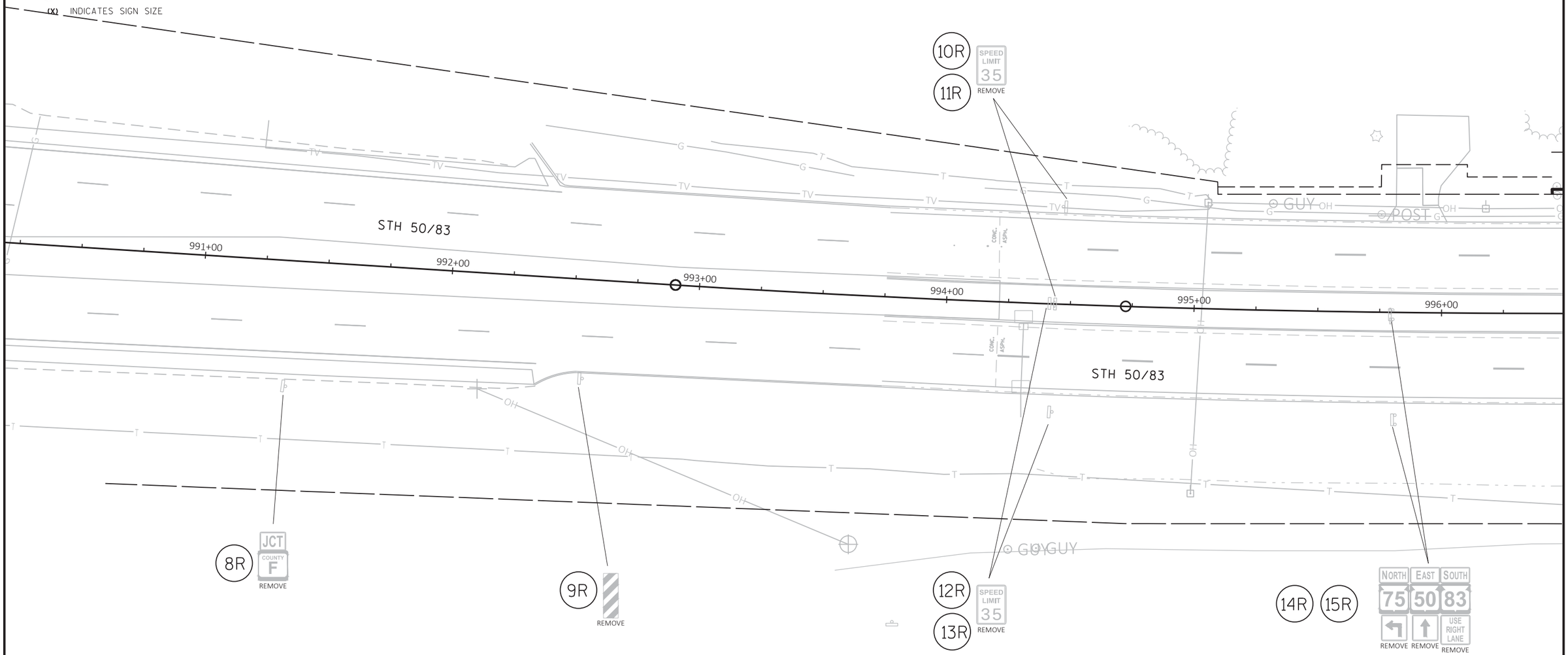
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 242	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-01
PLOT DATE : 4/5/2021 1:19 PM
PLOT BY : ASHENFELTER, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 2 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 243	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-02

PLOT DATE : 4/5/2021 1:19 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

20R REMOVE

22R COUNTY F REMOVE

23R NO PARKING ANY TIME REMOVE

24R REMOVE

ADOPT A HIGHWAY I55-56 EDENHOFER LAW OFFICES S.C.
I55-56P MOVE SEE PERMANENT SIGN PLAN

26R REMOVE

27R 28R REMOVE

29R JCT COUNTY F REMOVE

STH 50/83

997+00 998+00 999+00 1000+00 1001+00 1002+00

16R Paddock Lake POPULATION 2992 REMOVE

17R COUNTY F REMOVE

CTH F (SILVER LAKE RD)
256TH AVE

STREET NAME SIGNS MOVE BY VILLAGE

30R NO PARKING ANY TIME REMOVE

31R STOP REMOVE

32R DIVIDED HIGHWAY REMOVE

33R 50 83 REMOVE

SHEET 3 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 244	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-03

PLOT DATE : 4/5/2021 1:19 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

ALSO SEE SHEET NO. 19
FOR SIGNS

N

37R SPEED LIMIT 35 — REMOVE
36R NO PARKING ANY TIME — REMOVE
38R WEST 50 / NORTH 83 — REMOVE
51R DO NOT ENTER — REMOVE
49R 50R STOP — REMOVE
52R SOUTH 83 / NORTH 83 / NORTH 75 — REMOVE
53R NO PARKING ANY TIME — REMOVE

STH 75
STH 75 (25TH AVE)
ASPHALT
STH 50/83
STH 50
STH 83

1003+00 1004+00 1005+00 1006+00 1007+00 1008+00

35R — REMOVE
39R NORTH 75 — REMOVE
40R SOUTH 83 — REMOVE
41R DO NOT ENTER — REMOVE
42R 43R STOP — REMOVE
44R ONE WAY — REMOVE
54R SPEED LIMIT 35 — REMOVE
55R NO PARKING ANY TIME — REMOVE
45R LEFT TURN YIELD ON FLASHING YELLOW ARROW — REMOVE
47R
46R — REMOVE
48R

ALSO SEE SHEET NO. 19
FOR SIGNS

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 245	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-04
PLOT DATE : 4/5/2021 1:19 PM
PLOT BY : ASHENFELTER, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

69R — REMOVE

73R — Lake Geneva / Salem / Burlington — REMOVE

72R — SOUTH 83 / WEST 50 / NORTH 83 / NORTH 75 — REMOVE REMOVE REMOVE REMOVE

56R — NO PARKING ANY TIME — REMOVE

57R — STOP — REMOVE

58R — REMOVE

61R — SPEED LIMIT 35 — REMOVE

VILLAGE SIGN/POST
MOVE BY VILLAGE

STH 50

1009+00 1010+00 1011+00 1012+00 1013+00 1014+00

HAZARD MARKERS

68R — EAST 50 — REMOVE

67R — NO PARKING ON ANY VILLAGE STREET...
VILLAGE SIGN
MOVE BY VILLAGE

63R — NO PARKING ANY TIME — REMOVE

59R — TRUCKS ENTERING & LEAVING — REMOVE

62R — CENTER LANE ONLY — REMOVE

60R — ONE WAY — REMOVE

64R 65R 66R — REMOVE

SHEET 5 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 246	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-05

PLOT DATE : 4/5/2021 1:19 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

74R — JCT 75 83 — REMOVE

R3-2 — MOVE SEE PERMANENT SIGN PLAN

75R — STOP — REMOVE

250TH AVE

250TH AVE 11100 ASPHALT

SPEED LIMIT 25 — R2-1 — VILLAGE OF PADDOCK LAKE PARKING ORDINANCES

ESTR VILLAGE SIGN ESTR

STREET NAME SIGNS MOVE BY VILLAGE

77R — SPEED LIMIT 35 — REMOVE

78R — END SCHOOL ZONE — REMOVE

79R — NO PARKING ANY TIME — REMOVE

81R — POST IN TERRACE REMOVE BY WISDOT

STH 50

1015+00 1016+00 1017+00 1018+00 1019+00 1020+00

HAZARD MARKERS

CHURCH ENTRANCE (NEW)

80R — SPEED LIMIT 35 — REMOVE

82R — NO PARKING ANY TIME — REMOVE

83R — REMOVE

AHEAD — REMOVE

84R 85R — FINES HIGHER — REMOVE

RRFB

EXISTING RRFB TO BE MOVED BY WISDOT

86R — SCHOOL SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT — REMOVE

SHEET 6 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 247	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-06

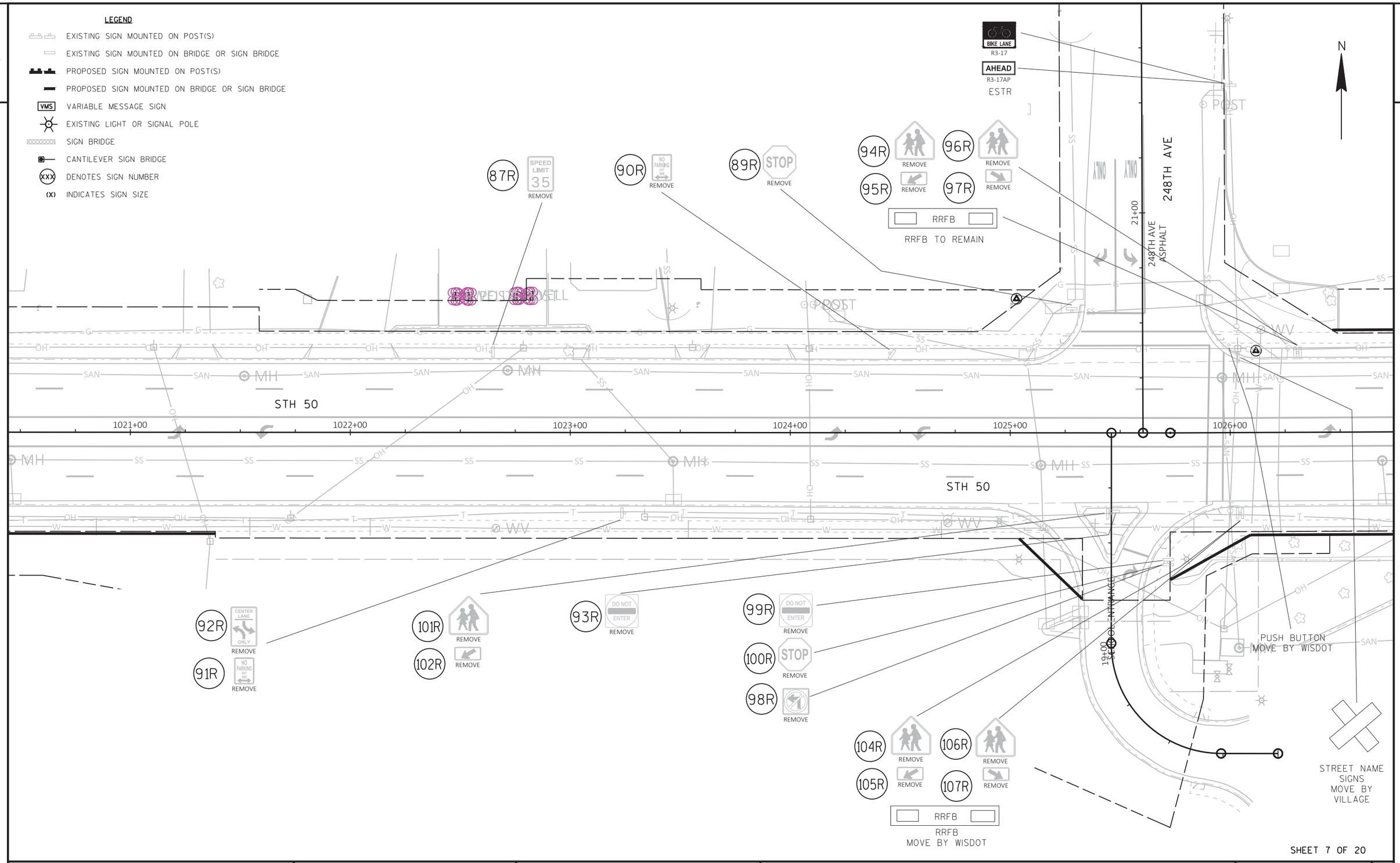
PLOT DATE : 4/5/2021 1:19 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 7 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 248	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-07

PLOT DATE : 4/5/2021 1:19 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE

N

109R REMOVE

110R NO PARKING ANY TIME REMOVE

114R CENTER LANE ONLY REMOVE

113R NO PARKING ANY TIME REMOVE

108R REMOVE

111R REMOVE

112R NO PARKING ANY TIME REMOVE

115R CENTER LANE ONLY REMOVE

STH 50

1027+00 1028+00 1029+00 1030+00 1031+00 1032+00

STH 50

SHEET 8 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 249	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-08

PLOT DATE : 4/5/2021 1:19 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

124R REMOVE

125R REMOVE

119R

120R STOP REMOVE

121R

122R REMOVE

129R SCHOOL SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT REMOVE

128R REMOVE

133R NO PARKING ANY TIME REMOVE

246TH AVE

246TH AVE (ASPHALT)

41+00

STREET NAME SIGNS MOVE BY VILLAGE

STH 50

1033+00 1034+00 1035+00 1036+00 1037+00 1038+00

SCHOOL ENTRANCE

116R

117R STOP REMOVE

118R

123R REMOVE

131R REMOVE

132R REMOVE

126R SPEED LIMIT 35 REMOVE

127R NO PARKING ANY TIME REMOVE

2

SHEET 9 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 250	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-09

PLOT DATE : 4/5/2021 1:19 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

134R CENTER LANE ONLY — REMOVE

135R — REMOVE

136R AHEAD — REMOVE

137R FINES HIGHER — REMOVE

RRFB — RRFB MOVE BY WISDOT

138R SPEED LIMIT 35 — REMOVE

139R NO PARKING ANY TIME — REMOVE

140R STOP — REMOVE

STREET NAME SIGNS MOVE BY VILLAGE

LAKE WALK 3.0 MI

VILLAGE SIGN MOVE BY VILLAGE

STREET NAME SIGNS MOVE BY VILLAGE

243RD AVE

243RD AVE ASPHALT

71+00

STH 50

1039+00 1040+00 1041+00 1042+00 1043+00 1044+00

141R NO PARKING ANY TIME — REMOVE

244TH AVE

64+00

244TH AVE (ASPHALT)

142R STOP — REMOVE

143R SPEED LIMIT 35 — REMOVE

144R END SCHOOL ZONE — REMOVE

145R NO PARKING ANY TIME — REMOVE

STH 50

SHEET 10 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 251	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-10

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

146R NO PARKING ANY TIME REMOVE

STREET NAME SIGNS MOVE BY VILLAGE

150R STOP REMOVE

74TH PL

242ND AVE (ASPHALT)

151R REMOVE

152R CENTER LANE ONLY REMOVE

153R 154R SPEED LIMIT 35 REMOVE

155R SPEED LIMIT 35 REMOVE

156R NO PARKING ANY TIME REMOVE

STH 50

1045+00 1046+00 1047+00 1048+00 1049+00 1050+00

147R NO PARKING ANY TIME REMOVE

149R STOP REMOVE

148R NO PARKING ANY TIME REMOVE

242ND AVE

157R SPEED LIMIT 35 REMOVE

158R NO PARKING ANY TIME REMOVE

SHEET 11 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 252	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-11

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

2

159R REMOVE

161R NO PARKING ANY TIME REMOVE

160R REMOVE

STH 50

1051+00

1052+00

1053+00

1054+00

1055+00

1056+00

ASPH.

GUY

POST

STH 50

162R NO PARKING ANY TIME REMOVE

SHEET 12 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 253	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-12

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

166R SPEED LIMIT 35 REMOVE

167R NO PARKING ANY TIME REMOVE

170R SPEED LIMIT 35 REMOVE

168R NO PARKING ANY TIME REMOVE

165R SPEED LIMIT 35 REMOVE

164R NO PARKING ANY TIME REMOVE

169R SPEED LIMIT 35 REMOVE

GUY

STH 50

1056+00 1057+00 1058+00 1059+00 1060+00 1061+00

STH 50

OH G T W SS WV

SHEET 13 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 254	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-13

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

STREET NAME SIGNS MOVE BY VILLAGE

171R STOP REMOVE

236TH AVE (ASPHALT)

236TH AVE

96+00

174R SPEED LIMIT 35 REMOVE

172R NO PARKING ANY TIME REMOVE

179R SPEED LIMIT 35 REMOVE

STH 50

1061+00 1062+00 1063+00 1064+00 1065+00 1066+00 1067+00

176R REMOVE

177R REMOVE

175R SPEED LIMIT 35 REMOVE

180R SPEED LIMIT 35 REMOVE

178R REMOVE

ADOPT A HIGHWAY I55-56

ALE STUDENT SOLUTIONS I55-56P MOVE SEE PERMANENT SIGN PLAN

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE

SHEET 14 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 255	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-14

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

2

181R — Paddock Lake, POPULATION 2992 — REMOVE

186R 187R — SPEED LIMIT 35 — REMOVE

OH G OH G G

T T T T T T T T T

MH

ASPH. CONC.

STH 50

67+00 1068+00 1069+00 1070+00 1071+00 1072+00 1073+00

182R 184R — SPEED LIMIT 35 — REMOVE

183R — REMOVE

185R — REMOVE

188R — EAST 50 — REMOVE

STH 50

SHEET 15 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 256	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-15

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

2

189R 190R

SPEED LIMIT 35

REMOVE

STH 50

1073+00 1074+00 1075+00 1076+00 1077+00 1078+00

STH 50

191R

SPEED LIMIT 55

REMOVE

192R 193R

REMOVE

SHEET 16 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 257	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-16

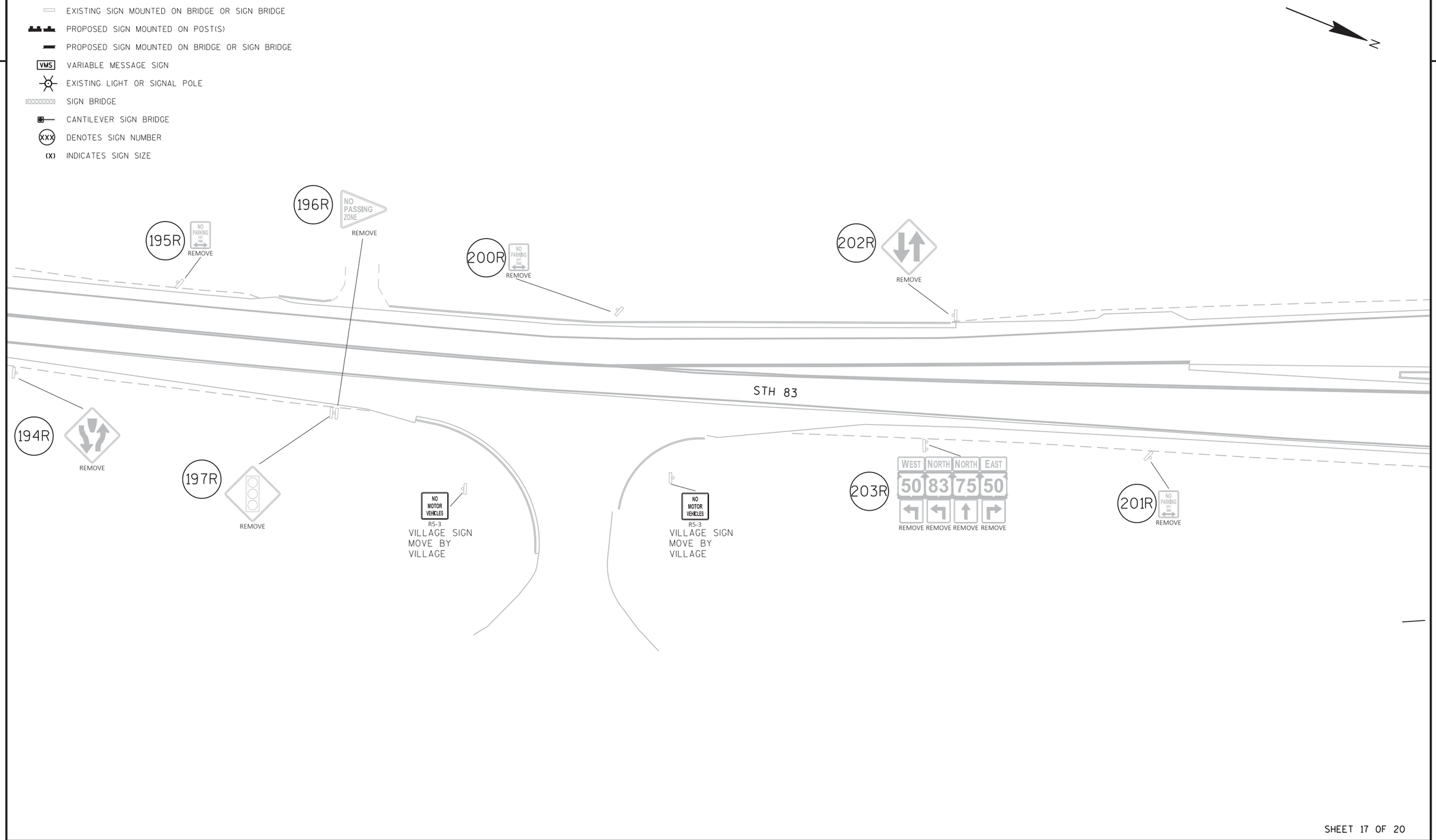
PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 17 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 258	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-17

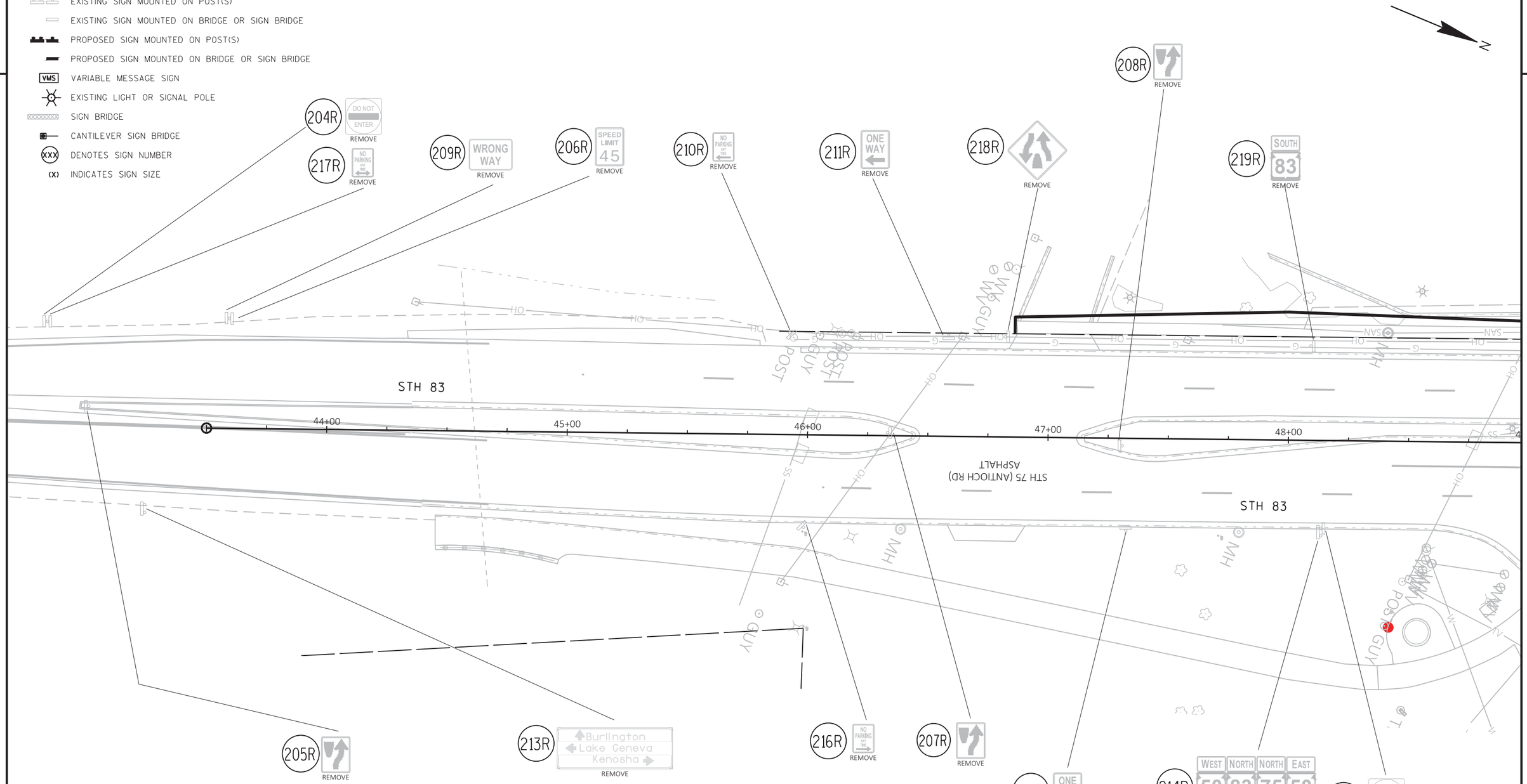
PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



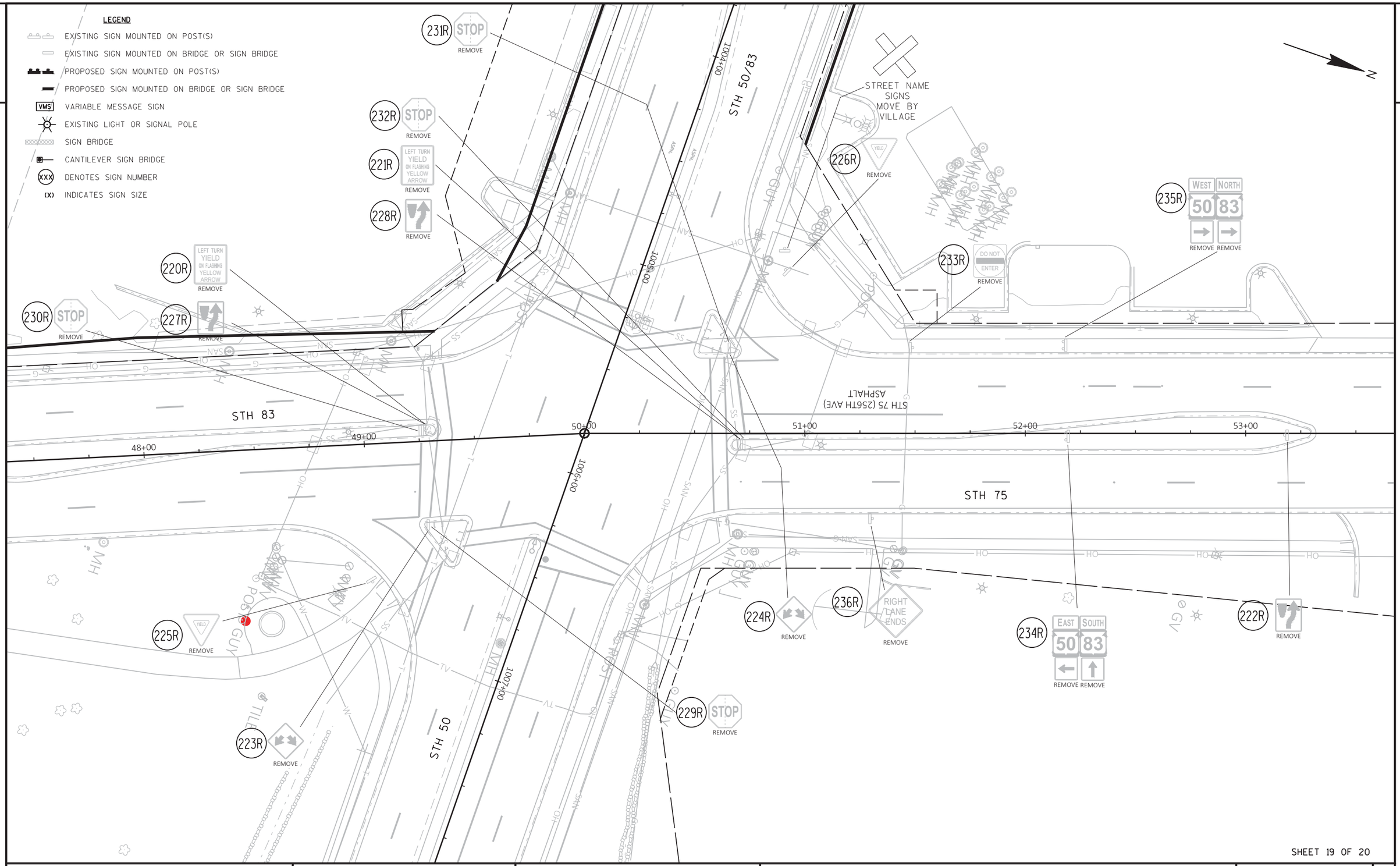
SHEET 18 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 259	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-18

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



SHEET 19 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 260	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-19

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

239R — Salem / Kenosha / Lake Geneva — REMOVE

240R — REMOVE

243R — END 75 — REMOVE

HOME OF CENTRAL HIGH SCHOOL...

238R — WRONG WAY — REMOVE

VILLAGE SIGN
MOVE BY VILLAGE

241R — REMOVE

242R — REMOVE

245R — EAST 50 | SOUTH 83 | NORTH 83 | WEST 50 — REMOVE REMOVE REMOVE REMOVE

NEAR STATION 60+05

WOOD POST

54+00

55+00

STH 75

247R — REMOVE

248R — REMOVE

249R — WRONG WAY — REMOVE

WOOD POST

250R — NORTH 75 — REMOVE

251R — DO NOT ENTER — REMOVE

ADOPT A HIGHWAY
I55-56
SIC WIT-4T
MC
KENOSHA, WI
I55-56P
MOVE
SEE PERMANENT
SIGN PLAN

246R — REMOVE

SHEET 20 OF 20

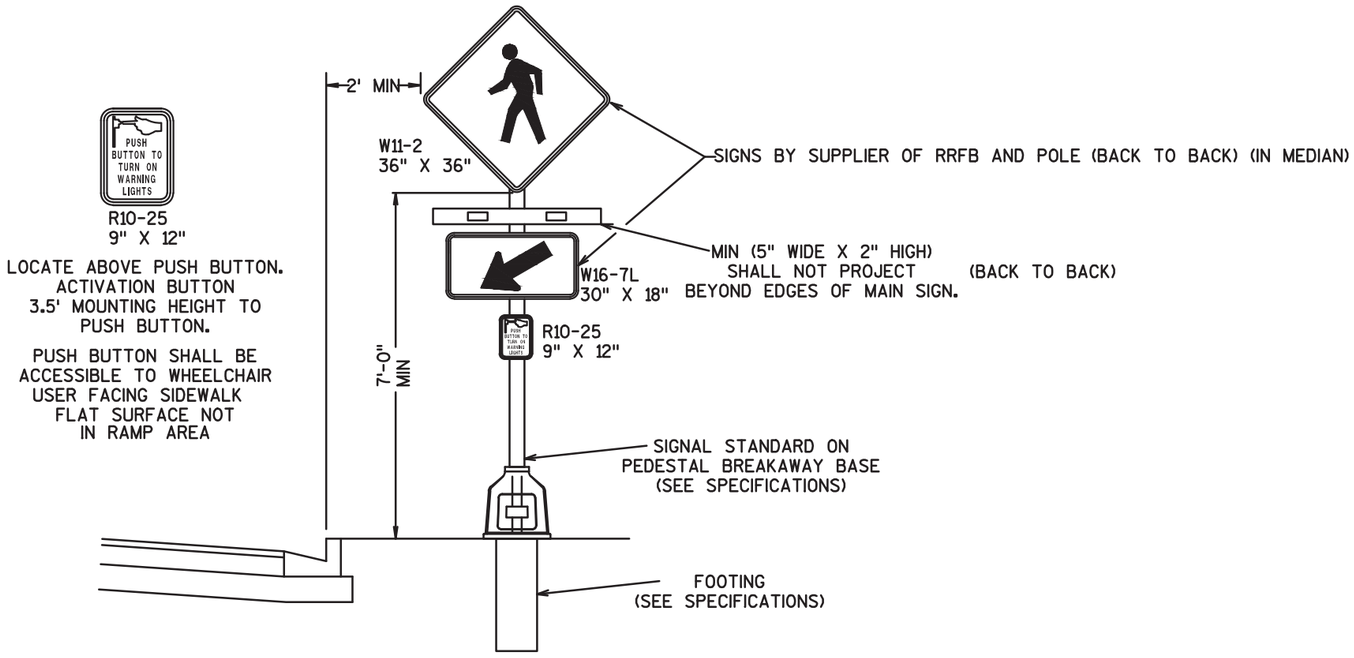
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	SIGNING REMOVAL PLAN	SHEET 261	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023101_PS_1310-04-70_16.DWG
LAYOUT NAME - RSht-20

PLOT DATE : 4/5/2021 1:20 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



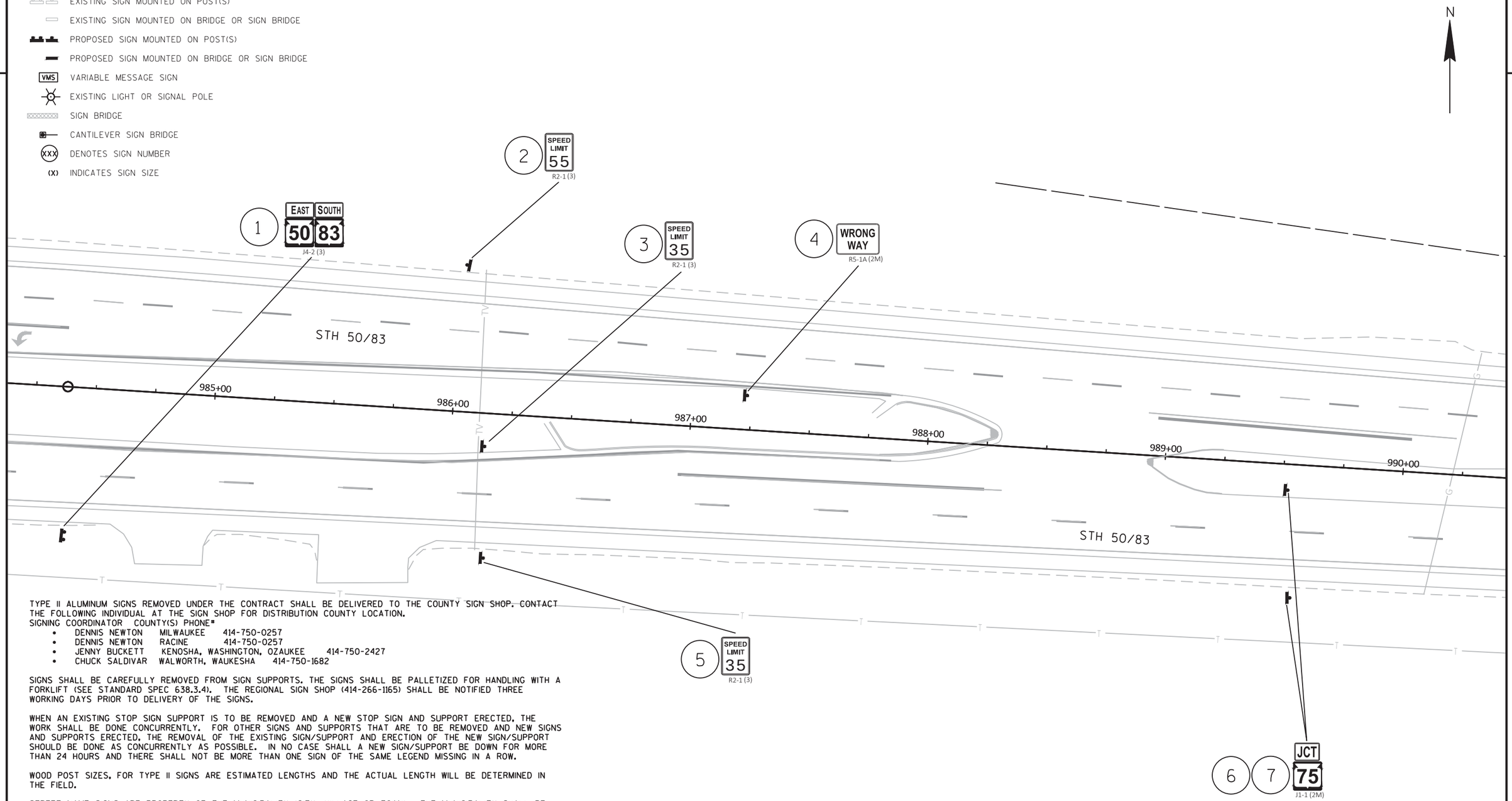
RAPID RECTANGULAR
FLASHING BEACON

PROJECT NO:1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PEDESTRIAN SIGNS FOR RRFB INSTALLATION	SHEET 262	E

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



TYPE II ALUMINUM SIGNS REMOVED UNDER THE CONTRACT SHALL BE DELIVERED TO THE COUNTY SIGN SHOP. CONTACT THE FOLLOWING INDIVIDUAL AT THE SIGN SHOP FOR DISTRIBUTION COUNTY LOCATION.
SIGNING COORDINATOR COUNTY(S) PHONE#

- DENNIS NEWTON MILWAUKEE 414-750-0257
- DENNIS NEWTON RACINE 414-750-0257
- JENNY BUCKETT KENOSHA, WASHINGTON, OZAUKEE 414-750-2427
- CHUCK SALDIVAR WALWORTH, WAUKESHA 414-750-1682

SIGNS SHALL BE CAREFULLY REMOVED FROM SIGN SUPPORTS. THE SIGNS SHALL BE PALLETIZED FOR HANDLING WITH A FORKLIFT (SEE STANDARD SPEC 638.3.4). THE REGIONAL SIGN SHOP (414-266-1165) SHALL BE NOTIFIED THREE WORKING DAYS PRIOR TO DELIVERY OF THE SIGNS.

WHEN AN EXISTING STOP SIGN SUPPORT IS TO BE REMOVED AND A NEW STOP SIGN AND SUPPORT ERECTED, THE WORK SHALL BE DONE CONCURRENTLY. FOR OTHER SIGNS AND SUPPORTS THAT ARE TO BE REMOVED AND NEW SIGNS AND SUPPORTS ERECTED, THE REMOVAL OF THE EXISTING SIGN/SUPPORT AND ERECTION OF THE NEW SIGN/SUPPORT SHOULD BE DONE AS CONCURRENTLY AS POSSIBLE. IN NO CASE SHALL A NEW SIGN/SUPPORT BE DOWN FOR MORE THAN 24 HOURS AND THERE SHALL NOT BE MORE THAN ONE SIGN OF THE SAME LEGEND MISSING IN A ROW.

WOOD POST SIZES, FOR TYPE II SIGNS ARE ESTIMATED LENGTHS AND THE ACTUAL LENGTH WILL BE DETERMINED IN THE FIELD.

STREET NAME SIGNS ARE PROPERTY OF THE MUNICIPALITY (CITY, VILLAGE OR TOWN). THE MUNICIPALITY SHALL BE CONTACTED TO REMOVE THEIR STREET NAME SIGNS PRIOR TO CONSTRUCTION AND IT IS THEIR RESPONSIBILITY TO REINSTALL THE OLD SIGNS OR REPLACE THEM FOLLOWING CONSTRUCTION. WISDOT DOES NOT FURNISH OR INSTALL STREET NAME SIGNS. THE STREET NAME SIGNS SHALL NOT BE PLACED ON TOP OF THE STOP SIGNS.

LOCATE NO PASSING PENNANTS BASED ON ESTABLISHING NO PASSING ZONES PAY ITEM. PLACE SIGNS BASED ON WHERE THE PAVEMENT MARKING FOR NO PASSING ZONES BEGIN.

BOX OUT OR CORING OF CONCRETE FOR SIGN POSTS IS INCIDENTAL TO THE POST.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 263	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-01
PLOT DATE : 4/8/2021 2:54 PM
PLOT BY : ASHENFELTER, DANIEL
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

13 SPEED LIMIT 35 R2-1 (2M)

14 SPEED LIMIT 35 R2-1 (2M)

15 SPEED LIMIT 35 R2-1 (2M)

STH 50/83

991+00 992+00 993+00 994+00 995+00 996+00

STH 50/83

8 JCT COUNTY F J1-1(2M)

9 W5-52R(2M)

10 SPEED LIMIT 35 R2-1(2M)

11 12 NORTH 75 EAST 50 SOUTH 83 J2-3 (2M)

SHEET 2 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 264	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-02

PLOT DATE : 4/8/2021 2:54 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

20 NO PARKING ANY TIME R7-1D(2M)

21 R4-7 (2M)

328 ONE WAY R6-2L (2M)

22 R4-7 (2M)

23 DO NOT ENTER R5-1 (2M)

24 ADOPT A HIGHWAY I55-56 EDENHOFER LAW OFFICES S.C. I55-56P

MOVE

25 COUNTY F J3-1 (2M)

26 WRONG WAY R5-1A (2M)

27 JCT COUNTY F J1-1 (2M)

329 ONE WAY R6-2R (2S)

330

STH 50/83

997+00 998+00 999+00 1000+00 1001+00 1002+00

STREET NAME SIGNS
VILLAGE SIGNS
MOVE BY VILLAGE

CTH F (SILVER LAKE RD)

ONLY ONLY

16 WRONG WAY R5-1A (2M)

17 Paddock Lake POPULATION 2992 I2-3 (2M)

18 COUNTY F J3-1 (2M)

19 DO NOT ENTER R5-1 (2M)

28 DIVIDED HIGHWAY R6-3 (2S)

29 STOP R1-1(2M)

30 50 83 JV3-1 (2S)

31 NO PARKING ANY TIME R7-1D(2M)

32 33 W3-3 (2M)

34 BEGIN LEFT TURN LANE R3-20L (2M)

SHEET 3 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 265	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-03

PLOT DATE : 4/8/2021 2:54 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

STH 50/83

STH 75

STH 83

STH 50

SIGNS ALSO SHOWN ON SHEET 19

SIGNS ALSO SHOWN ON SHEET 19

35 BEGIN LEFT TURN LANE — R3-20L (2M)

36 SPEED LIMIT 35 — R2-1(2M)

331 NO PARKING ANY TIME — R7-1L(2M)

37 WEST 50 NORTH 83 — JV4-1 (2M)

MOUNT ON SIGNAL POLE
57 STOP — R1-1F(2M)

56 ONE WAY — R6-2L(2M)

50 DIVIDED HIGHWAY — R6-3 (2S)

51 STOP — R1-1F (2M)

MOUNT R6-3 ABOVE R1-1F ON SIGNAL POLE

52 DO NOT ENTER — R5-1 (2M)

53 SOUTH 83 | WEST 50 | NORTH 83 | NORTH 75 — J3-4 (2M)

55 NO PARKING ANY TIME — R7-1D (2M)

54 STOP — R1-1F (2M)

MOUNT ON SIGNAL POLE

49 Antioch Rd — M1-94S

MOUNT ON SIGNAL MAST ARM

45 Antioch Rd — M1-94S

MOUNT ON SIGNAL MAST ARM

38 SOUTH 83 — J3-1 (2M)

39 NORTH 75 — J3-1 (2M)

332 SPEED LIMIT 35 — R2-1(2M)

40 DO NOT ENTER — R5-1(2M)

42 — R4-7 (2M)

MOUNT ON SIGNAL POLE

MOUNT R6-3 ABOVE R1-1F ON SIGNAL POLE

43 DIVIDED HIGHWAY — R6-3 (2S)

44 STOP — R1-1F(2M)

41 ONE WAY — R6-2L (2M)

46 — R4-7 (2M)

MOUNT ON SIGNAL POLE

48 NO PARKING ANY TIME — R7-1D (2M)

47 SPEED LIMIT 35 — R2-1 (2M)

1003+00 1004+00 1005+00 1006+00 1007+00 1008+00

824 822 820

SHEET 4 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 266	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-04

PLOT DATE : 4/8/2021 2:54 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

59 WRONG WAY R5-1A (2M)

60 61 W3-3 (2M)

62 Lake Geneva / Salem / Burlington D1-3

64 BEGIN LEFT TURN LANE R3-20LL (2M)

67 SOUTH 83 | WEST 50 | NORTH 83 | NORTH 75 J2-4 (2M)

66 NO PARKING ANY TIME R7-1D (2M)

68 RIGHT TURN ONLY R3-53R (2M)

69 STOP R1-1 (2M)

79 R4-7 (2S)

70 DO NOT ENTER R5-1 (2M)

334 W12-1R (2S) MOUNT HEIGHT 2 FEET

71 86 SPEED LIMIT 35 R2-1 (2M)

N

STH 50

1009+00 1010+00 1011+00 1012+00 1013+00 1014+00

823 821 819 817

58 EAST 50 J4-1 (2M)

NO PARKING ON ANY VILLAGE STREET...
VILLAGE SIGN MOVE BY VILLAGE

63 BEGIN LEFT TURN LANE R3-20L (2M)

65 NO PARKING ANY TIME R7-1D (2M)

72 ONE WAY R6-2R (2S)

333 ONE WAY R6-2L (2S)

73 74 R4-7 (2M)

83 250th AVE D1-61

SHEET 5 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 267	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-05

PLOT DATE : 4/8/2021 2:54 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

250TH AVE

STH 50

STREET NAME SIGNS
VILLAGE SIGNS
MOVE BY VILLAGE

84 JCT 75 83 — JV1-1 (2M)

87 — R3-2 — MOVE

88 STOP — R1-1 (2M)

SPEED LIMIT 25 — R2-1 — ESTR

VILLAGE OF PADDOCK LAKE PARKING ORDINANCES — ESTR

90 91 END CENTER LANE ONLY — R3-9D (2M) / R3-9B (2M)

94 SPEED LIMIT 35 — R2-1 (2M)

95 END SCHOOL ZONE — S5-2 (2M)

96 NO PARKING ANY TIME — R7-1D (2M)

97 250th AVE — D1-61

1015+00 1016+00 1017+00 1018+00 1019+00 1020+00

81 SPEED LIMIT 35 — R2-1 (2M)

82 NO PARKING ANY TIME — R7-1D (2M)

78 BEGIN LEFT TURN LANE — R3-20L (2M)

80 ONE WAY — R6-2R (2S)

85 — R4-7 (2M)

89 DO NOT ENTER — R5-1 (2M)

92 93 BEGIN / CENTER LANE / ONLY — R3-9C (2M) / R3-9B (2M)

SEE SEPARATE QTYS. FOR MOVING ASSEMBLY.

S1-1 AHEAD
S16-9P FINES HIGHER
R2-6P RRFB

98 SCHOOL SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT — S4-51 (2M)

CHURCH ENTRANCE (NEW)

SHEET 6 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 268	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-06

PLOT DATE : 4/8/2021 2:55 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

SEE SEPARATE MISC. QTYS. FOR TYPE I POLE IN MEDIAN.

MOVE BACK SIDE OF SIGN ASSEMBLY ON OUTSIDE SHOULDER TO MEDIAN

116 S1-1 RRFB
118 S16-7R

BIKE LANE R3-17
AHEAD R3-17AP
ESTR

PUSH BUTTON MOVE SEE ELECTRICAL PLANS

STREET NAME SIGNS VILLAGE SIGNS MOVE BY VILLAGE

248TH AVE

MOVE DUE TO CONSTRUCTION. MOVE IN SAME LOCATION. SEE MISC. QTYS. FOR MOVING.
S1-1 S16-7L RRFB

EXISTING BACK TO BACK SIGNS AND RRFBS. EXISTING TYPE I POLE.

111 NO PARKING ANY TIME R7-1D (2M)
110 SPEED LIMIT 35 R2-1 (2M)
109 R4-7 (2M)
112 114 BEGIN R3-9C(2M) CENTER LANE ONLY R3-9B (2M)
113 STOP R1-1 (2M)

STH 50

1021+00 1022+00 1023+00 1024+00 1025+00 1026+00

100 248th AVE NEXT INTERSECTION D1-63
101 NO PARKING ANY TIME R7-1D (2M)
99 102 END R3-9D (2M) CENTER LANE ONLY R3-9B (2M)
103 DO NOT ENTER R5-1 (2M)
104 R3-2 (2S)
335 R4-7(2S)
108 DO NOT ENTER R5-1 (2M)
107 DO NOT ENTER R5-1 (2M)
105 STOP R1-1(2M)
106 RIGHT TURN ONLY R3-53R (2S)

SEE SEPARATE MISC. QTYS. FOR TYPE I POLE IN MEDIAN.

MOVE BACK SIDE OF SIGN ASSEMBLY ON OUTSIDE SHOULDER TO MEDIAN

120 S1-1 RRFB
122 S16-7R

MOVE DUE TO CONSTRUCTION. MOVE IN SAME LOCATION. SEE MISC. QTYS. FOR MOVING.
S1-1 S16-7L RRFB

EXISTING BACK TO BACK SIGNS AND RRFBS. EXISTING TYPE I POLE.

SHEET 7 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 269	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-07
PLOT DATE : 4/8/2021 2:55 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

123 R3-2 (2M)

140 141 END / CENTER LANE / ONLY R3-9D (2M) / R3-9B (2M)

124 125 BEGIN / CENTER LANE / ONLY R3-9C (2M) / R3-9B (2M)

126 248th AVE NEXT INTERSECTION D1-63

127 NO PARKING ANY TIME R7-1D (2M)

128 WRONG WAY R5-1A (2M)

142 143 BEGIN / CENTER LANE / ONLY R3-9C (2M) / R3-9B(2M)

139 DO NOT ENTER R5-1(2M)

129 BEGIN LEFT TURN LANE R3-20L (2M)

130 NO PARKING ANY TIME R7-1D (2M)

N

STH 50

1027+00 1028+00 1029+00 1030+00 1031+00 1032+00

STH 50

131 R4-7 (2M)

132 DO NOT ENTER R5-1(2M)

133 NO PARKING ANY TIME R7-1D (2M)

134 W3-3 (2M)

135 246th AVE NEXT SIGNAL D1-65

136 137 END / CENTER LANE / ONLY R3-9D(2M) / R3-9B (2M)

138 R4-7(2M)

SHEET 8 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 270	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-08

PLOT DATE : 4/8/2021 2:55 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

246TH AVE

STH 50

STH 50

41+00

1033+00

1034+00

1035+00

1036+00

1037+00

1038+00

152 DIVIDED HIGHWAY R6-3(2S)

153 STOP R1-1F (2M)

MOUNT R6-3 ABOVE R1-1F ON SIGNAL POLE

170 S1-1(2M)

171 S16-7L(2M)

172 NO PARKING ANY TIME R7-1D (2M)

162 337 W3-3(2M)

154 50 75th St M1-94S

MOUNT ON SIGNAL MAST ARM

158 ONE WAY R6-2R(2S)

160 WRONG WAY R5-1A (2M)

161 SCHOOL SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT S4-51 (2M)

163 BEGIN LEFT TURN LANE R3-20L (2M)

166 ONE WAY R6-2L (2M)

MOUNT ON SIGNAL POLE

164 R4-7 (2M)

MOUNT ON SIGNAL POLE

165 246th Ave M1-94H

MOUNT ON SIGNAL MAST ARM

157 DO NOT ENTER R5-1(2M)

MOUNT ON SIGNAL POLE

155 156 STOP R1-1F (2M)

MOUNT ON SIGNAL POLE

150 246th Ave M1-94H

MOUNT ON SIGNAL MAST ARM

336 NO PARKING ANY TIME R7-1D (2M)

146 50 75th St M1-94S

MOUNT ON SIGNAL MAST ARM

144 145 STOP R1-1F (2M)

MOUNT ON SIGNAL POLE

167 DO NOT ENTER R5-1 (2M)

MOUNT ON SIGNAL POLE

168 S1-1 (2M)

169 S16-7L(2M)

MOUNT R6-3 ABOVE R1-1F ON SIGNAL POLE

147 DIVIDED HIGHWAY R6-3(2S)

148 STOP R1-1F (2M)

149 ONE WAY R6-2L (2M)

MOUNT ON SIGNAL POLE

151 R4-7 (2M)

MOUNT ON SIGNAL POLE

159 SPEED LIMIT 35 R2-1(2M)

338 ONE WAY R6-2R(2S)

SHEET 9 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 271	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-09

PLOT DATE : 4/8/2021 2:55 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

SEE SEPARATE QTYS. FOR MOVING ASSEMBLY.

S1-1
AHEAD S16-9P
FINES HIGHER R2-6P
RRFB

176 NO PARKING ANY TIME R7-1D (2M)

177 SPEED LIMIT 35 R2-1 (2M)

190 246th AVE NEXT SIGNAL D1-65

180 STOP R1-1(2M)

184 R4-7 (2M)

185 W5-54 (2M)
MOUNT HEIGHT 4 FEET

186 END CENTER LANE ONLY R3-9D (2M) / R3-9B (2M)

STREET NAME SIGNS VILLAGE SIGNS MOVE BY VILLAGE

LAKE WALK 3.0 MI
VILLAGE SIGN MOVE BY VILLAGE

STREET NAME SIGNS VILLAGE SIGNS MOVE BY VILLAGE

243RD AVE
71+00

STH 50
1039+00
1040+00
1041+00
1042+00
1043+00
1044+00

244TH AVE
64+00
244TH AVE (ASPHALT)

187 NO PARKING ANY TIME R7-1D(2M)

188 BEGIN R3-9C (2M) / CENTER LANE ONLY R3-9B (2M)

339 ONE WAY R6-2R(2S)

340 DO NOT ENTER R5-1 (2M)

175 STOP R1-1 (2M)

178 SPEED LIMIT 35 R2-1 (2M)

179 END SCHOOL ZONE S5-2 (2M)

181 NO PARKING ANY TIME R7-1D (2M)

182 W11-2 (2M)
RRFB
183 AHEAD W16-9P (2M)

322 242nd AVE D1-61

MOUNTED ON TYPE I POLE
SEE MISC. QTYS. FOR RRFB ASSEMBLY

*SEE RRFB PLAN FOR INSTALLATION DETAILS.

SHEET 10 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 272	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-10

PLOT DATE : 4/8/2021 2:55 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

201 BEGIN (R3-9C (2M)) / CENTER LANE ONLY (R3-9B (2M))

204 NO PARKING ANY TIME (R7-1D(2M))

STREET NAME SIGNS
VILLAGE SIGNS
MOVE BY VILLAGE

205 STOP R1-1(2M)

208 DO NOT ENTER (R5-1(2M))

MOUNTED ON TYPE I POLE SEE MISC. QTYS. FOR RRFB ASSEMBLY

318 W11-2 (2M)
RRFB
319 W16-7L (2M)

343 W11-2(2M)
RRFB
344 W16-7R(2M)

MOUNTED ON TYPE I POLE SEE MISC. QTYS. FOR RRFB ASSEMBLY

*SEE RRFB PLAN FOR INSTALLATION DETAILS.

191 R4-7 (2M)
192 W5-54 (2M)
MOUNT HEIGHT 4 FEET

209 WRONG WAY (R5-1A (2M))

193 194 SPEED LIMIT 35 R2-1 (2M)

198 BEGIN LEFT TURN LANE (R3-20L(2M))

200 NO PARKING ANY TIME (R7-1D (2M))

74TH PL

STH 50

1045+00 1046+00 1047+00 1048+00 1049+00 1050+00

203 NO PARKING ANY TIME (R7-1D(2M))

202 END (R3-9D(2M)) / CENTER LANE ONLY (R3-9B(2M))

242ND AVE

206 STOP R1-1 (2M)

207 NO PARKING ANY TIME (R7-1D (2S))

320 W11-2(2M)
RRFB
321 W16-7L (2M)
MOUNTED ON TYPE I POLE SEE MISC. QTYS. FOR RRFB ASSEMBLY

341 ONE WAY (R6-2R(2S))

195 196 SPEED LIMIT 35 R2-1 (2M)

199 NO PARKING ANY TIME (R7-1D (2M))

345 W11-2(2M)
RRFB
346 W16-7R(2M)
MOUNTED ON TYPE I POLE SEE MISC. QTYS. FOR RRFB ASSEMBLY

197 BEGIN LEFT TURN LANE (R3-20L(2M))

N

SHEET 11 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 273	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-11

PLOT DATE : 4/8/2021 2:55 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

MOUNTED ON TYPE I SIGN SEE MISC. QTYS. FOR RRFB ASSEMBLY

N

2

323 242nd AVE D1-61

210 W11-2(2M)

211 RRFB AHEAD W16-9P(2M)

212 R4-7(2M)

324 DO NOT ENTER R5-1(2M)

213 NO PARKING ANY TIME R7-1D(2M)

216 BEGIN LEFT TURN LANE R3-20L (2M)

STH 50

1051+00 1052+00 1053+00 1054+00 1055+00 1056+00

342 DO NOT ENTER R5-1(2M)

214 NO PARKING ANY TIME R7-1D(2M)

215 R4-7(2M)

STH 50

*SEE RRFB PLAN FOR INSTALLATION DETAILS.

SHEET 12 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 274	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-12

PLOT DATE : 4/8/2021 2:55 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

217 218 SPEED LIMIT 35 — R2-1 (2M)

219 NO PARKING ANY TIME — R7-1D (2M)

223 BEGIN LEFT TURN LANE — R3-20L (2M)

225 NO PARKING ANY TIME — R7-1D (2M)

GUY

STH 50

56+00 1057+00 1058+00 1059+00 1060+00 1061+00

STH 50

220 221 SPEED LIMIT 35 — R2-1(2M)

222 NO PARKING ANY TIME — R7-1D(2M)

224 236th AVE NEXT INTERSECTION — D1-63

SHEET 13 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 275	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-13

PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

STREET NAME SIGNS
VILLAGE SIGNS
MOVE BY VILLAGE

231 STOP R1-1 (2M)

232 DIVIDED HIGHWAY R6-3A (2S)

236TH AVE (ASPHALT)

236TH AVE

96+00

327 DO NOT ENTER R5-1(2M)

236 SPEED LIMIT 35 237 R2-1(2M)

233 BEGIN LEFT TURN LANE R3-20L (2M)

227 NO PARKING R7-1D (2M)

228 R4-7 (2M)

229 R4-7 (2M)

230 236th AVE NEXT INTERSECTION D1-63

STH 50

1061+00 1062+00 1063+00 1064+00 1065+00 1066+00 1067+00

325 DO NOT ENTER R5-1(2M)

326 ONE WAY R6-2L(2M)

234 R4-7 (2M)

235 R4-7 (2M)

238 SPEED LIMIT 35 239 R2-1(2M)

226 ADOPT A HIGHWAY I55-56 ALE STUDENT SOLUTIONS I55-56P MOVE

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX DENOTES SIGN NUMBER
- (X) INDICATES SIGN SIZE

SHEET 14 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 276	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-14

PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

2

280 DO NOT ENTER R5-1 (2M)

243 R4-7 (2M)

244 Paddock Lake POPULATION 2992 I2-3

246 247 SPEED LIMIT 35 R2-1(3)

OH G OH G G T T T T T T T T T MH

STH 50

67+00 1068+00 1069+00 1070+00 1071+00 1072+00 1073+00

SS

240 241 SPEED LIMIT 35 R2-1 (2M)

242 R4-7 (2M)

245 EAST 50 J4-1 (2M)

248 249 SPEED LIMIT 55 R2-1 (3)

STH 50

SHEET 15 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 277	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-15

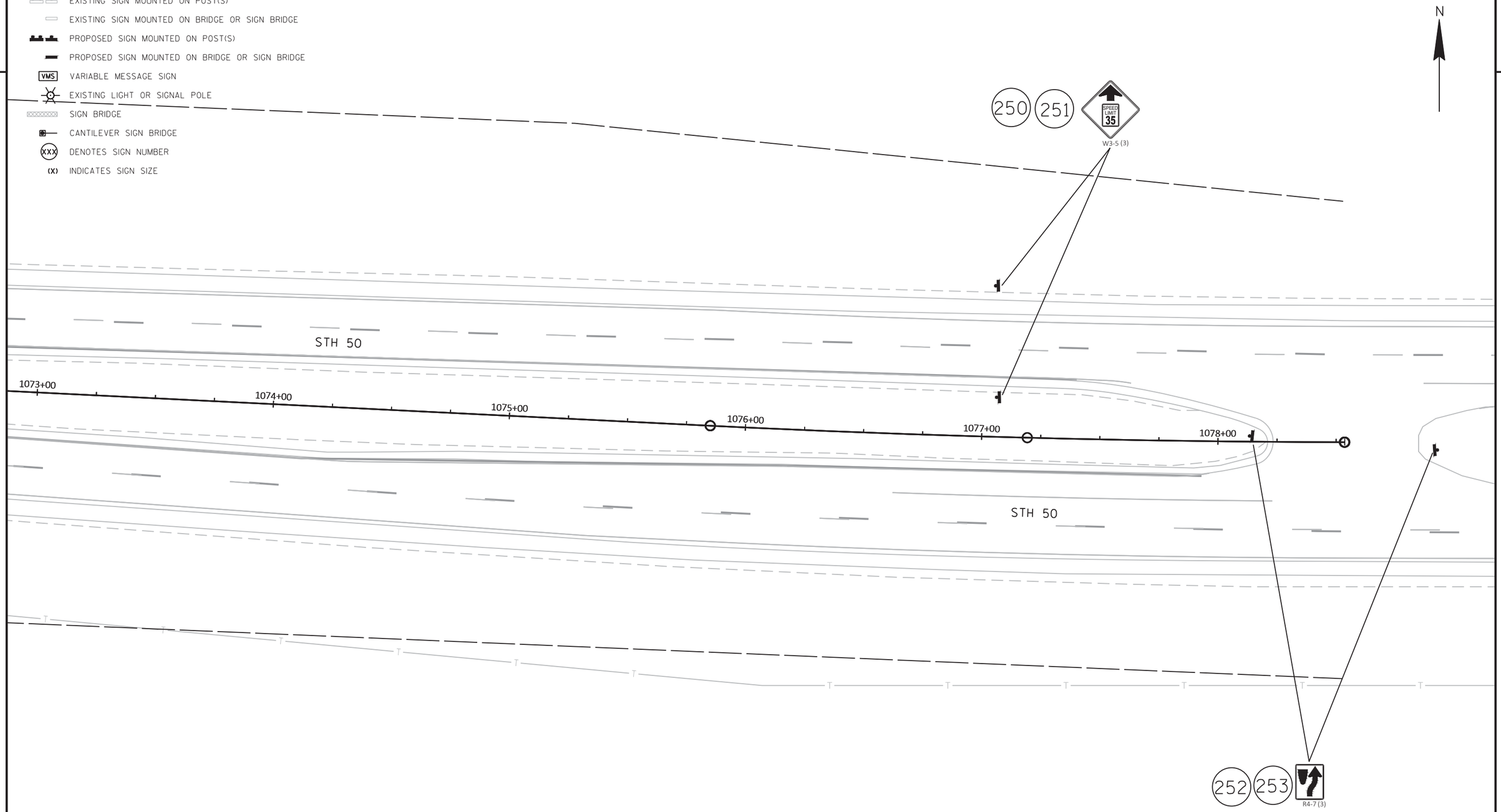
PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



2

SHEET 16 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 278	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-16

PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

257 NO PARKING ANY TIME — R7-1D(2S)

258 NO PARKING ANY TIME — R7-1D(2S)

260 — W6-3 (2S)

STH 83

254 — W6-1 (2S)

255 — W3-3 (2S)

256 NO PASSING ZONE — W14-3 (2S)

NO MOTOR VEHICLES — R5-3

VILLAGE SIGN
MOVE BY VILLAGE

NO MOTOR VEHICLES — R5-3

VILLAGE SIGN
MOVE BY VILLAGE

261 NO PARKING ANY TIME — R7-1D (2S)

259 — WEST 50 | NORTH 83 | NORTH 75 | EAST 50 — J2-4 (2S)

SHEET 17 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 279	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-17

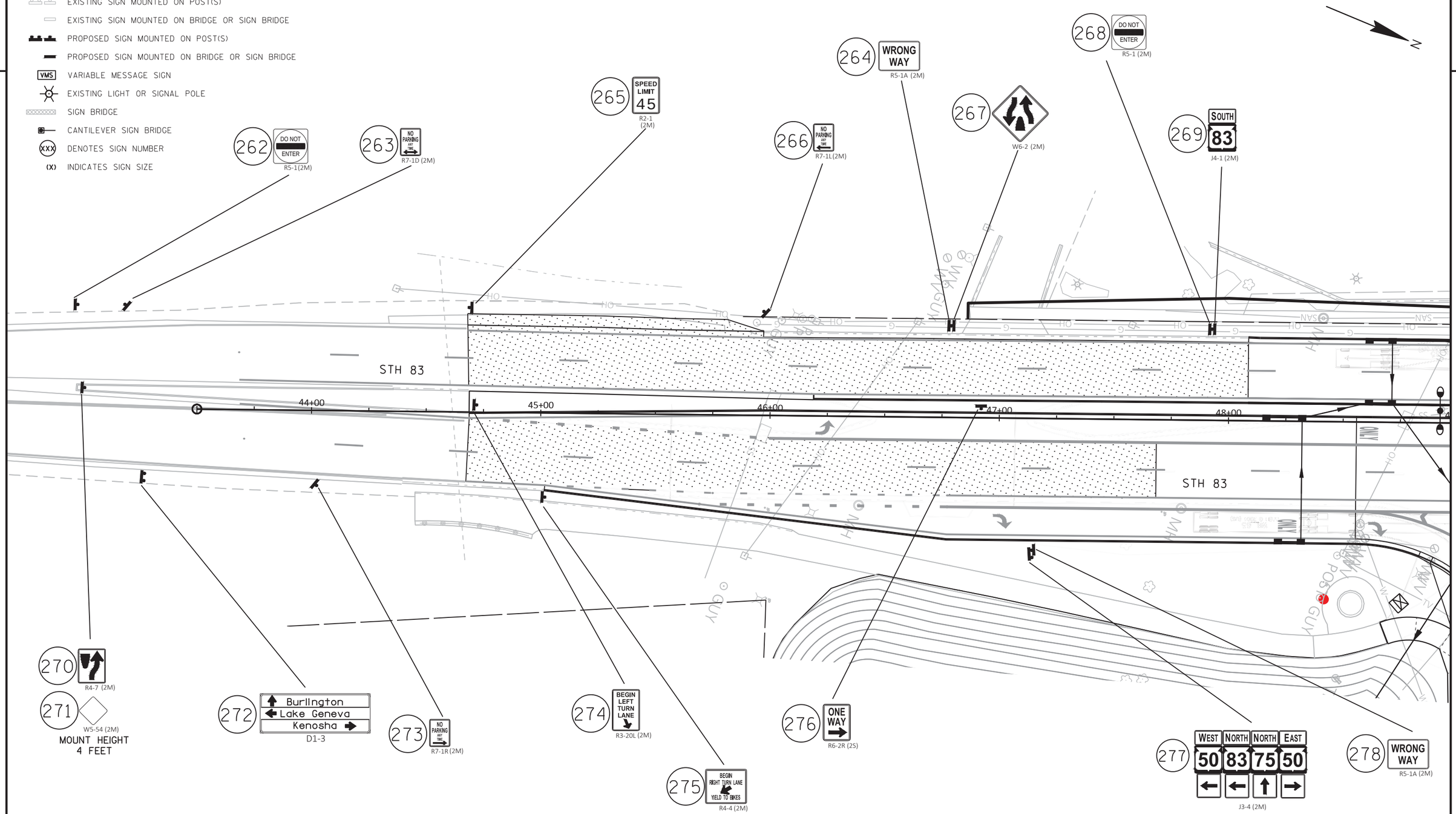
PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE



SHEET 18 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 280	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-18

PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

279 ONE WAY R6-2L(2M) — MOUNT ON SIGNAL POLE

STREET NAME SIGNS MOVE BY VILLAGE

303 — 50 83 75th St — M1-94S — MOUNT ON SIGNAL MAST ARM

302 — R4-7 (2M) — MOUNT ON SIGNAL POLE

300 — W12-1D (2M) — MOUNT HEIGHT 2 FEET

301 STOP R1-1F(2M) — MOUNT ON SIGNAL POLE

STH 83

STH 50/83

STH 75

STH 50

281 — R1-2 (2M)

283 DIVIDED HIGHWAY R6-3 (2S)

282 STOP R1-1F (2M)

MOUNT R6-3 ABOVE R1-1F ON SIGNAL POLE

284 — W12-1D(2M) — MOUNT HEIGHT 2 FEET

291 DO NOT ENTER R5-1(2M)

294 WEST NORTH 50 83 — J4-2 (2M)

296 DO NOT ENTER R5-1(2M)

299 DIVIDED HIGHWAY R6-3(2S)

298 STOP R1-1F (2M) — MOUNT R6-3 ABOVE R1-1F ON SIGNAL POLE

297 YIELD R1-2 (2M)

295 ONE WAY R6-2L (2M) — MOUNT ON SIGNAL POLE

286 — R4-7 (2M) — MOUNT ON SIGNAL POLE

287 — 50 83 75th St — M1-94S — MOUNT ON SIGNAL MAST ARM

285 STOP R1-1F (2M) — MOUNT ON SIGNAL POLE

288 RIGHT LANE ENDS W9-1R (2M)

289 290 BEGIN LEFT TURN LANE R3-20L (2M)

292 EAST SOUTH 50 83 — J4-2 (2M)

293 — R4-7(2M)

48+00 49+00 50+00 51+00 52+00 53+00

100+00 100+00 100+00 100+00

40'

SHEET 19 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 281	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-19

PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- EXISTING SIGN MOUNTED ON POST(S)
- EXISTING SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- PROPOSED SIGN MOUNTED ON POST(S)
- PROPOSED SIGN MOUNTED ON BRIDGE OR SIGN BRIDGE
- VMS — VARIABLE MESSAGE SIGN
- EXISTING LIGHT OR SIGNAL POLE
- SIGN BRIDGE
- CANTILEVER SIGN BRIDGE
- XXX — DENOTES SIGN NUMBER
- (X) — INDICATES SIGN SIZE

N

317 — Salem / Kenosha / Lake Geneva — D1-3

HOME OF CENTRAL HIGH SCHOOL...

VILLAGE SIGN MOVE BY VILLAGE

312 — WRONG WAY — R5-1A(2M)

311 — W3-3(2M)

310 — END 75 — J1-1 (2S)

305 — R4-7 (2M)

306 — W5-54(2M) — MOUNT HEIGHT 4 FEET

308 — EAST 50 | SOUTH 83 | WEST 50 | NORTH 83 — J2-4 (2S)

NEAR STATION 60+05

54+00 55+00

STH 75

313 — W4-2R (2M)

314 — R4-7 (2M)

315 — W6-2 (2M)

304 — WRONG WAY — R5-1A (2M)

309 — NORTH 75 — J4-1 (2S)

316 — DO NOT ENTER — R5-1 (2M)

307 — ADOPT A HIGHWAY — I55-56 — SIC WIT IT MC KENOSHA, WI — I55-56P — MOVE

SHEET 20 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PERMANENT SIGNING	SHEET 282	E

FILE NAME : N:\PDS\C3D\CAD\13100400\SIGN\023201_PS_1310-04-70_16.DWG
LAYOUT NAME - PSht-20

PLOT DATE : 4/8/2021 2:56 PM PLOT BY : ASHENFELTER, DANIEL PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- VX VIDEO DETECTION CAMERA
- PULL BOX, 24" X 36"
- PULL BOX, 12" X 24"
- PULL BOX, 24" X 42"

CONSTRUCTION NOTES:

1. EXISTING CONDUIT RUNS TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS REMAINING IN THE CONDUIT.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
3. CABINET AND CONTROLLER SHALL BE REMOVED BY WISDOT ELECTRICAL PERSONNEL.
4. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.

N

STH 50/83 · STH 75 · STH 50 · STH 83 · 8+00 · 9+00 · 10+00 · 11+00 · 12+00 · 13+00 · 51+00 · 49+00 · R/W · ABANDON

PB1 PB2 PB3 PB4 PB5 PB6 PB7 PB9 PB10 PB11 PB12 PB15 PB16 PB17 PB18 PB19 PB20 PB21 PB23 PB24 PB25 · SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8 SB9 SB10 SB11 SB12 SB13 SB14 SB15 SB16 SB17 · V1 V2 V3 V4 · CB1

- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- G G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- Y YIELD SIGN
- LANE DESIGNATION FOR INFO ONLY

NOTE: ALL LENSES ARE 12-INCH

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75 / 83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: J. GATES
DESIGNED BY:
REVISED BY: J. BRUGGEMAN

PAGE 1 OF 2

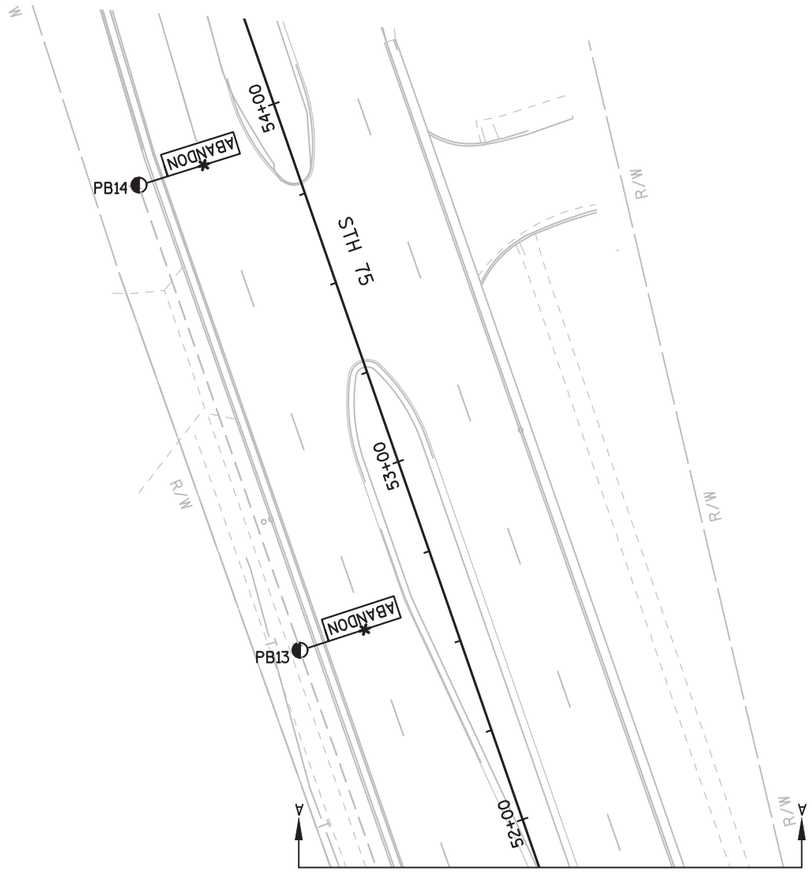
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 283	E

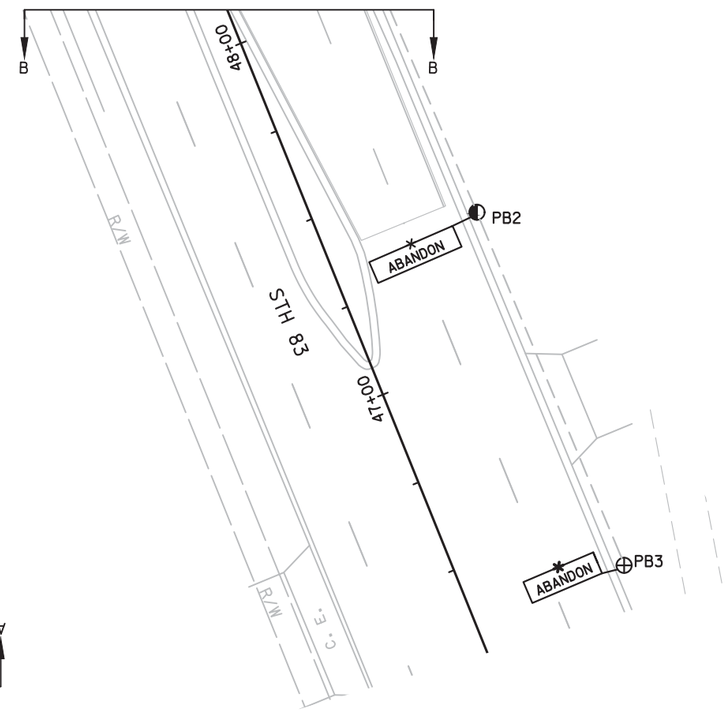
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LAYOUT NAME - S30-0042_REM_16 - 024001_SP

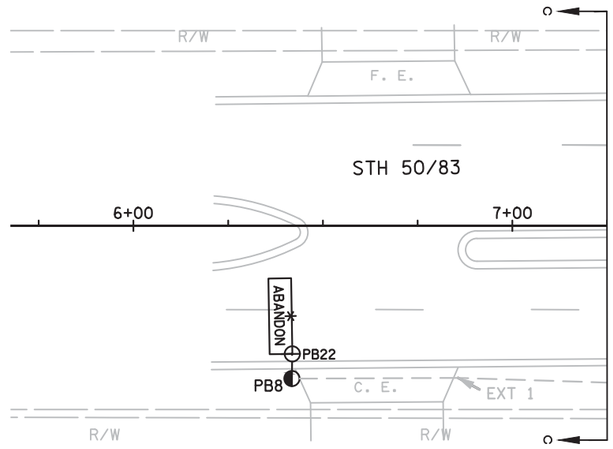
PLOT DATE : 6/30/2021 3:52 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

WISDOT/CADDS SHEET 42

2







N

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75 / 83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: J. GATES
DESIGNED BY:
REVISED BY: J. BRUGGEMAN

PAGE 2 OF 2

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 284	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_REM_16.DWG
LAYOUT NAME - S30-0042_REM_16 - 024002_SP

PLOT DATE : 6/30/2021 3:52 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- AG GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

CONSTRUCTION NOTES:
1. FINAL LOCATION OF SIGNAL POLES AND SIGNAL HEADS SHALL BE DIRECTED BY THE ENGINEER.
2. POLES AND POSTS INSTALLED BEHIND CURBS SHALL BE OFFSET A MINIMUM OF 2 FEET FROM THE FACE OF CURB TO THE SIDE OF THE POST OR POLE.
3. GUYING OF POLES IS REQUIRED AND LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
4. CONTRACTOR TO ADJUST TEMPORARY SIGNALS WITHIN EACH CONSTRUCTION STAGE AS DIRECTED BY THE ENGINEER TO MAINTAIN MUTCD SIGNAL REQUIREMENTS.
5. CONTRACTOR SHALL COORDINATE WITH THE WISDOT ELECTRICAL FIELD UNIT, (414) 266-1170, 5 WORKING DAYS PRIOR TO BEGINNING ANY WORK AT THE INTERSECTION.
6. ANY KNOCKDOWNS TO PERMANENT/TEMPORARY SIGNAL EQUIPMENT SHALL BE REPLACED BY THE CONTRACTOR.
7. ALL LUMINAIRES ARE 250 HPS OR LED C

N

2

SPEED LIMIT= 45 MPH
STH 75
STH 50
SPEED LIMIT= 35 MPH
STH 83
SPEED LIMIT= 45 MPH
POST
TILE
WP1
WP2
WP3
WP4
WP5

SUMMARY OF SELECTED ITEMS FOR INFORMATION ONLY	
QUANTITY	DESCRIPTION
5 EA	WOOD POLES, CLASS 4
4 EA	MOVEABLE WOOD POSTS
750 LF	SPAN WIRE
34 EA	SIGNAL HEADS
4 EA	LIGHTING LED-C OR 250W HPS
4 EA	EVP DETECTOR HEADS
1	TEMPORARY SIGNAL CABINET AND CONTROLLER

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 1 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 1A	SHEET 285	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS1A_16.DWG
LAYOUT NAME - TEMPORARY SIGNAL PLAN - STAGE 1A

PLOT DATE : 6/30/2021 3:06 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (FY) (Y) YELLOW ARROW
- (AG) (G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

2

SPEED LIMIT= 45 MPH

STH 75

STH 50

STH 83

SPEED LIMIT= 35 MPH

WP1

WP2

WP3

WP4

WP5

POST

TILE

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 2 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 1B	SHEET 286	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS1B_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:06 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (Y) YELLOW ARROW
- (G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

STH 83

WP1

WP2

WP3

WP4

WP5

POST

TILE

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 3 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 2A	SHEET 287	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS2A_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:06 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (FY) (Y) YELLOW ARROW
- (AG) (G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

WP1

WP2

WP3

WP4

WP5

STH 83

POST

TILE

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 4 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 2B	SHEET 288	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS2B_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:06 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (Y) YELLOW ARROW
- (G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

WP1

WP2

WP3

WP4

WP5

POST

TILE

STH 83

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 5 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 3	SHEET 289	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS3_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:06 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (Y) YELLOW ARROW
- (G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

STH 83

WP1

WP2

WP3

WP4

WP5

POST

TILE

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 6 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 4A	SHEET 290	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS4A_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:07 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- AG G GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

STH 83

WP1

WP2

WP3

WP4

WP5

POST

TILE

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 7 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 4B	SHEET 291	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS4B_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:07 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- AG G GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

WP1

WP2

WP3

WP4

WP5

STH 83

TILE

POST

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 8 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 4C	SHEET 292	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS4C_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:07 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- YA YELLOW ARROW
- GA GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

STH 83

WP1

WP2

WP3

WP4

WP5

POST

TILE

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 9 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 5	SHEET 293	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS5_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:07 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- AG G GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

STH 83

WP1

WP2

WP3

WP4

WP5

POST

TILE

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 10 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 6A	SHEET 294	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS6A_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:07 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (Y) YELLOW ARROW
- (G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 45 MPH

STH 75

STH 50

SPEED LIMIT= 35 MPH

STH 83

WP1

WP2

WP3

WP4

WP5

POST

TILE

ONLY

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 11 OF 12

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 6B	SHEET 295	E

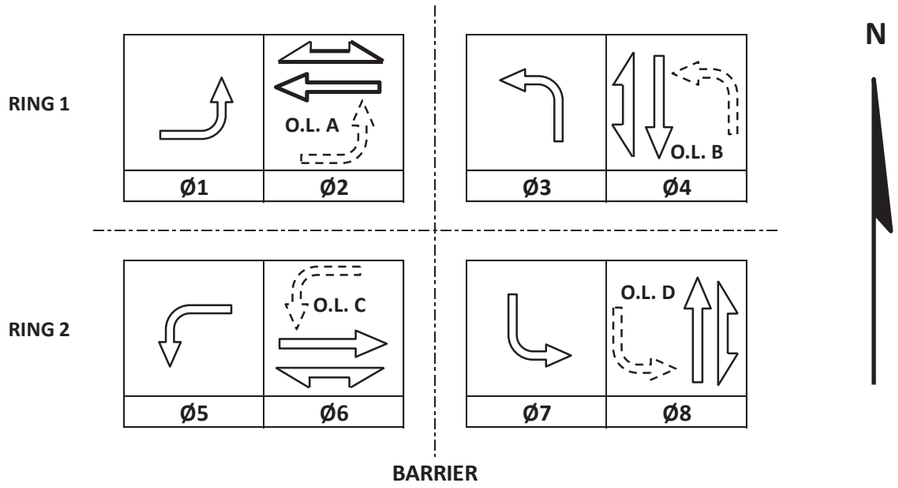
FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_TS6B_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 6/30/2021 3:07 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

	HEAD NUMBERS	FLASH
Ø1	24,25,29,30	-
Ø2	6,7,8,11,12,13	R
Ø3	19,20	-
Ø4	1,2,3	R
Ø5	9,10,14,15	-
Ø6	21,22,23,26,27,28	R
Ø7	4,5	-
Ø8	16,17,18	R
Ø2P	35,36	
Ø4P	31,32	
Ø6P	37,38	
Ø8P	33,34	
OLA	24,25,29,30	R
OLB	19,20	R
OLC	9,10,14,15	R
OLD	4,5	R



CONTROLLER LOGIC

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

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

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

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

SIGNAL NO:	S30-0042	CABINET TYPE: TEMP
		CONTROLLER TYPE: TEMP
DATE:	NOVEMBER 2021	PAGE NUMBER: 12 OF 12

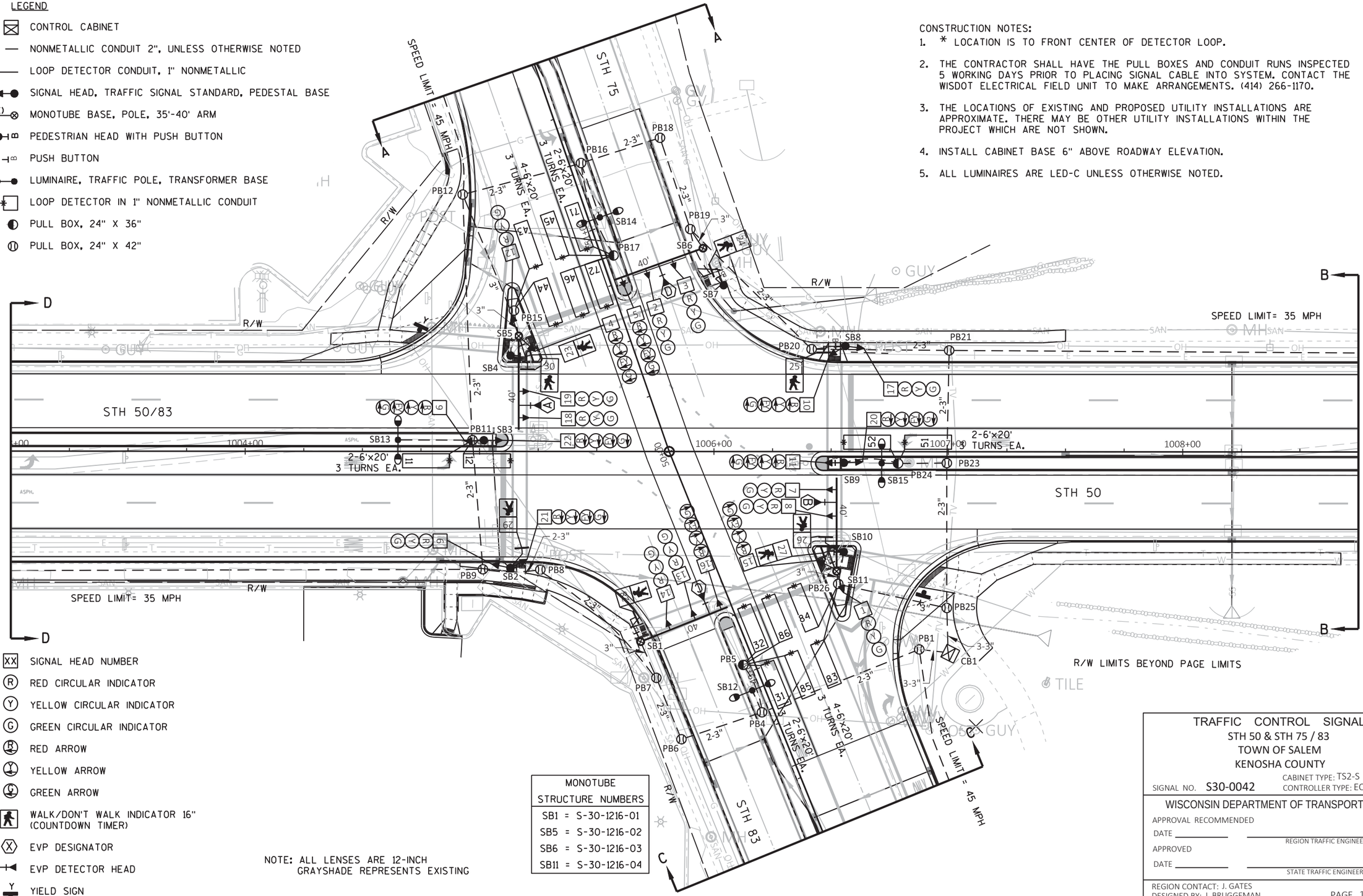
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 35'-40' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.
5. ALL LUMINAIRES ARE LED-C UNLESS OTHERWISE NOTED.

N



XX SIGNAL HEAD NUMBER
R RED CIRCULAR INDICATOR
Y YELLOW CIRCULAR INDICATOR
G GREEN CIRCULAR INDICATOR
RA RED ARROW
YA YELLOW ARROW
GA GREEN ARROW
WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
X EVP DESIGNATOR
EVP DETECTOR HEAD
Y YIELD SIGN

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB1 = S-30-1216-01
SB5 = S-30-1216-02
SB6 = S-30-1216-03
SB11 = S-30-1216-04

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75 / 83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

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

REGION CONTACT: J. GATES
DESIGNED BY: J. BRUGGEMAN
REVISED BY:

PAGE 1 OF 4

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC SIGNAL PLAN	SHEET 297	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_16_POLES.DWG
LAYOUT NAME - S30-0042_R10_pg1
PLOT DATE : 6/30/2021 3:48 PM
PLOT BY : BRUGGEMAN, JOHN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

C

C

SPEED LIMIT = 45 MPH

0078V

0077V

220' TO NEAR RIGHT SIGNAL

6'x20' 3 TURNS

PB2

STH 83

R/W

WV GUY

POST

POST GUY POST

370' TO NEAR RIGHT SIGNAL

6'x20' 3 TURNS

PB3

GUY

R/W

SIGN

STH 75

S4400

R/W

370' TO NEAR RIGHT SIGNAL

6'x20' 4 TURNS

PB14

R/W

220' TO NEAR RIGHT SIGNAL

6'x20' 4 TURNS

PB13

SPEED LIMIT = 45 MPH

0077V

R/W

TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: J. GATES
DESIGNED BY: J. BRUGGEMAN
REVISED BY:

PAGE 2 OF 4

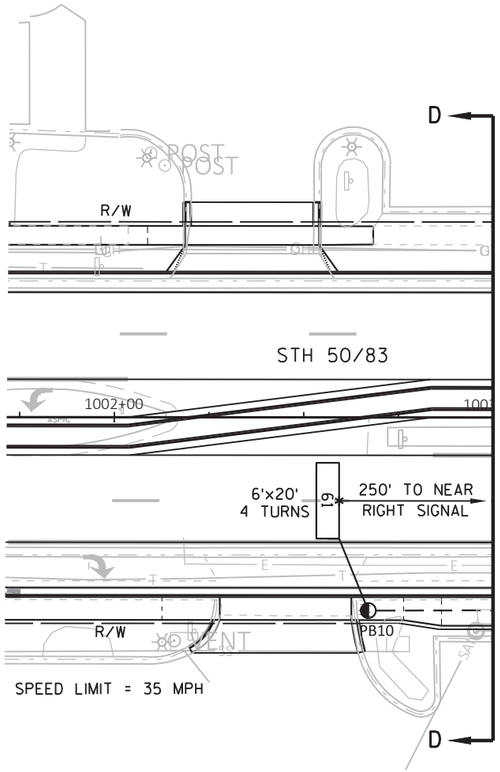
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC SIGNAL PLAN	SHEET 298	E

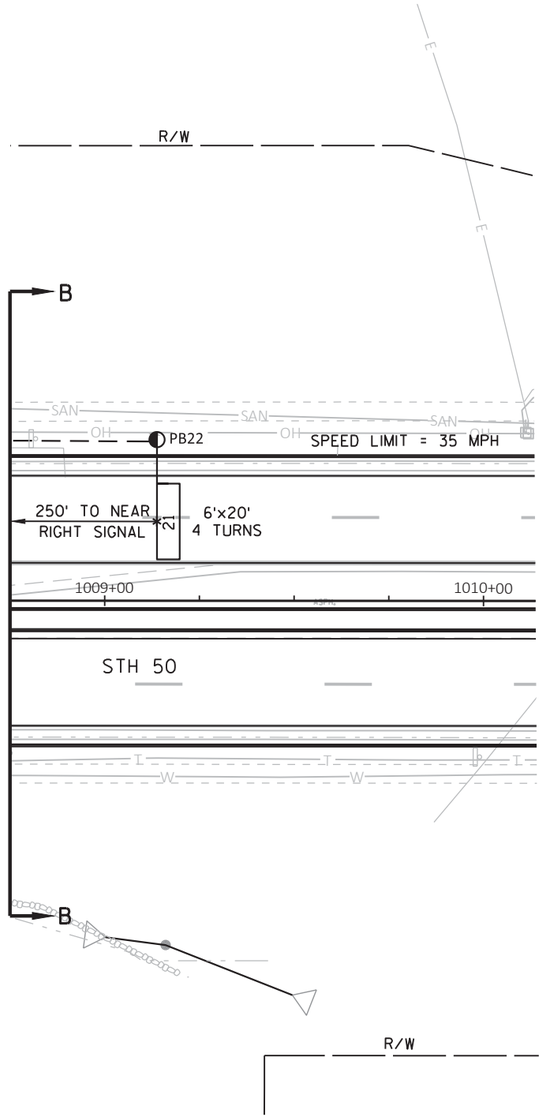
FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_16_POLES.DWG
LAYOUT NAME - S30-0042_R10_pg2

PLOT DATE : 6/30/2021 3:49 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N





TRAFFIC CONTROL SIGNAL
STH 50 & STH 75/83
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0042

REGION CONTACT: J. GATES
DESIGNED BY: J. BRUGGEMAN
REVISED BY:

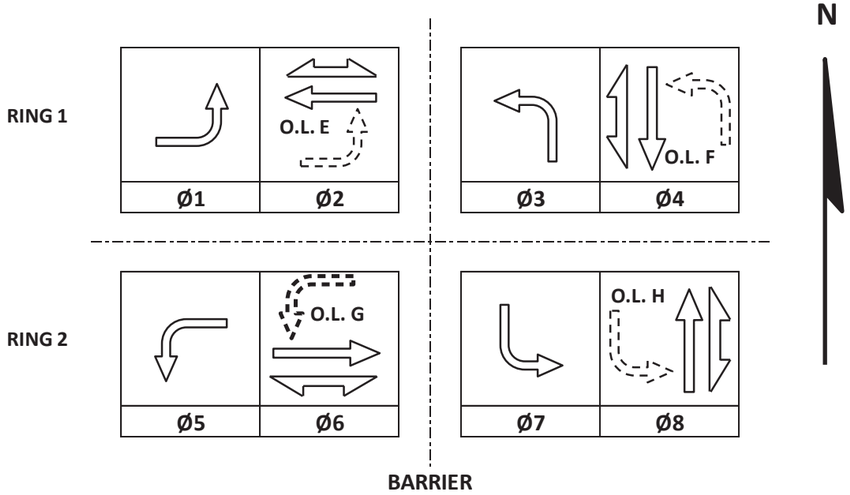
PAGE 3 OF 4

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC SIGNAL PLAN	SHEET 299	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0042\S30-0042_16_POLES.DWG
LAYOUT NAME - S30-0042_R10_pg3

PLOT DATE : 6/30/2021 3:49 PM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1 IN:40 FT

	HEAD NUMBERS	FLASH
Ø1	9,10,11	R ←
Ø2	17,18,19	R
Ø3	4,5	R ←
Ø4	12,13,14	R
Ø5	20,21,22	R ←
Ø6	6,7,8	R
Ø7	15,16	R ←
Ø8	1,2,3	R
Ø2P	23,24	
Ø4P	29,30	
Ø6P	27,28	
Ø8P	25,26	
OLE	9,10,11	-
OLF	4,5	-
OLG	20,21,22	-
OLH	15,16	-



CONTROLLER LOGIC

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

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

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

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	31	41	51	61	71	81
CALLED PHASE	1	2	3	4	5	6	7	8
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME				X				X
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL		X				X		
CROSS SWITCH PHASE	2				6			

19	17	23	21	27	25	31	29	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12			42	52		72	
CALLED PHASE	2			4	5		7	
CALL OPTION	X			X	X		X	
DELAY TIME				X				
EXTENTION OPTION	X			X	X		X	
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

20	18	24	22	28	26	32	30	DETECTOR INPUT
								PLAN LOOP DETECTOR*(S)
								CALLED PHASE
								CALL OPTION
								DELAY TIME
								EXTENTION OPTION
								EXTEND TIME
								USE ADDED INITIAL
								CROSS SWITCH PHASE

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

SIGNAL NO: S30-0527 CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE
DATE: NOVEMBER 2021 PAGE NUMBER: 4 OF 4

FILE NAME: \\WKERTOVFILP01\n3public\SPO\Operations\Signals\Resources\Design\Sequence of Ops Templates\TS2-S_E_FYA_EFGH_Econolite_SEQ.xlsx PLOT DATE: ######### PLOT NAME: TS2-S_E_FYA_EFGH_Ecor PLOT BY: _____ PLOT SCALE: 1:1

PROJECT ID:	1310-04-70
INTERSECTION:	STH 50 & STH 75/83

Signal Wire Color Coding			
	BLK - black	RED - red	GRN - green
	WHT - white	BLU - blue	ORG - orange

CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING YELLOW>	D/WALK	WALK		
SB1	12	13	RED	ORG	GRN								
		14	RED	ORG	GRN								
		16				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
		28								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB2	12	6	RED	ORG	GRN								
		21				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
		29								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB3	12	9				RED	ORG	GRN	BLU				
		22				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
SB4	12	30								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB5	12	18	RED	ORG	GRN								
		19	RED	ORG	GRN								
		23								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB6	12	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
		5				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
SB7	12	24								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB8	12	10				RED	ORG	GRN	BLU/BLK				
		17	RED/BLK	ORG/BLK	GRN/BLK								
		25								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB9	12	11				RED	ORG	GRN	BLU				
		20				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
		BUTTON											WHT/BLK
SB10	12	26								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB11	12	7	RED	ORG	GRN								
		8	RED	ORG	GRN								
		27								BLK	BLU	WHT	
		BUTTON											WHT/BLK

Equipment grounding conductor 10 AWG Green XLP	
From	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	CB1

Pull Box Bonding Jumper 10 AWG Green XLP	
From	To
PB1	CB1
PB4	SB1
PB6	SB1
PB7	SB1
PB8	SB2
PB9	SB2
PB11	SB3
PB12	SB5
PB15	SB5
PB16	SB6
PB18	SB6
PB19	SB6
PB20	SB8
PB21	SB8
PB23	SB9
PB25	CB1
PB26	SB11

EVP CABLE	
From	To
CB1	SB1 (HEAD C)
CB1	SB5 (HEAD A)
CB1	SB6 (HEAD D)
CB1	SB11 (HEAD B)

Lighting UF #12 w/ground	
From	To
CB1	SB12
SB12	SB13
CB1	SB15
SB15	SB14

*Use the white conductor in the cable assembly as the grounded conductor for all traffic signal indications
*Ensure the grounded conductor in the feeder cable and the pole cables are both 18" longer than the ungrounded conductors.
*At the signal bases, connect one terminal from the pedestrian push buttons to the color indicated in the chart. Connect the other terminal to the grounded conductor.
*Reconnect the grounding conductors wherever the circuit has been interrupted to ensure the grounding circuit is complete.

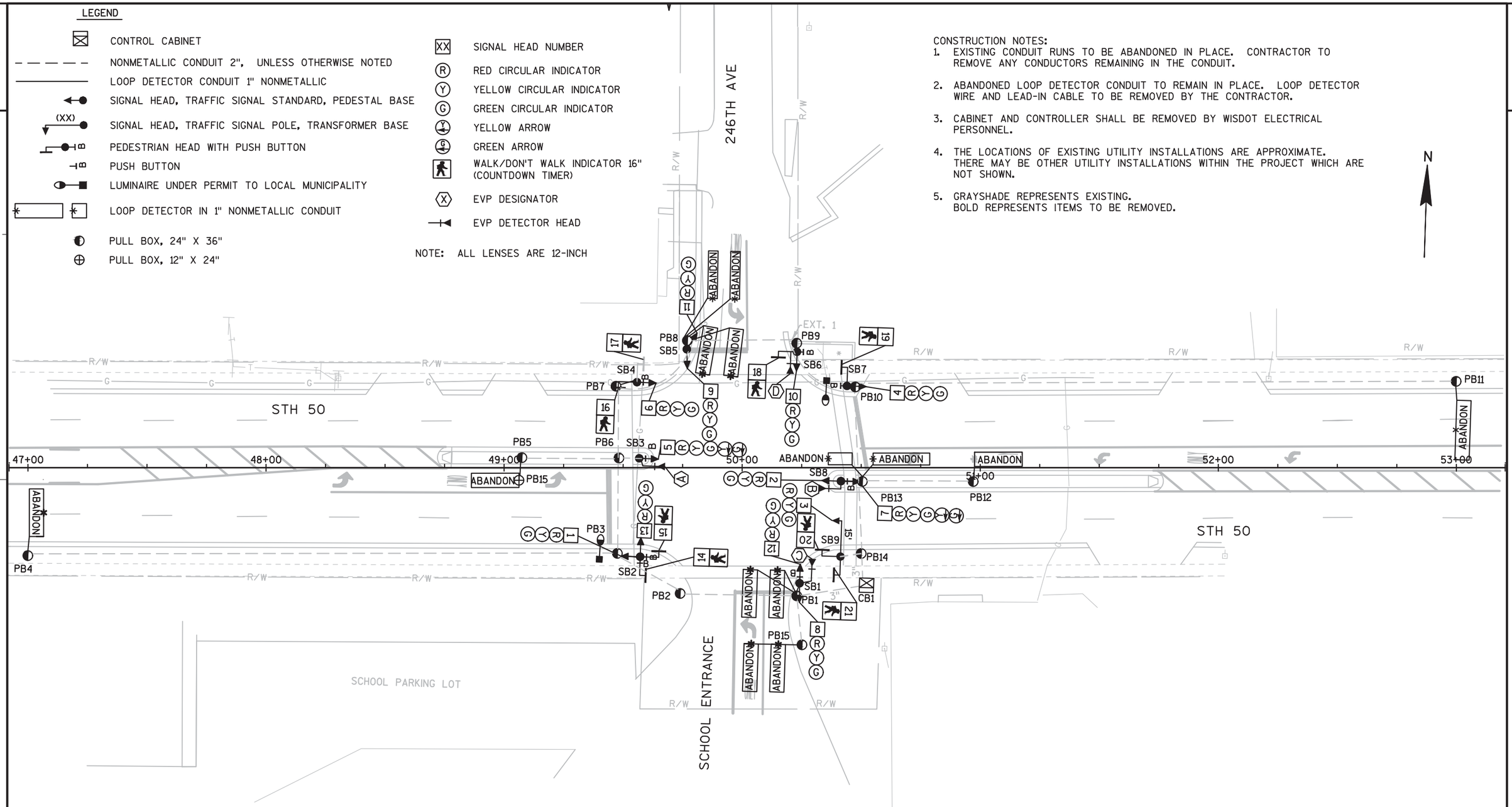
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LUMINAIRE UNDER PERMIT TO LOCAL MUNICIPALITY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 12" X 24"
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- Y YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

NOTE: ALL LENSES ARE 12-INCH

CONSTRUCTION NOTES:

1. EXISTING CONDUIT RUNS TO BE ABANDONED IN PLACE. CONTRACTOR TO REMOVE ANY CONDUCTORS REMAINING IN THE CONDUIT.
2. ABANDONED LOOP DETECTOR CONDUIT TO REMAIN IN PLACE. LOOP DETECTOR WIRE AND LEAD-IN CABLE TO BE REMOVED BY THE CONTRACTOR.
3. CABINET AND CONTROLLER SHALL BE REMOVED BY WISDOT ELECTRICAL PERSONNEL.
4. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
5. GRAYSHADE REPRESENTS EXISTING. BOLD REPRESENTS ITEMS TO BE REMOVED.



TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: J. GATES
DESIGNED BY:
REVISED BY: J. BRUGGEMAN

PAGE 1 OF 1

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC SIGNAL REMOVAL PLAN	SHEET 302	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_REM_16.DWG
LAYOUT NAME - S30-0527_REM_16 - 024001_SP

PLOT DATE : 7/1/2021 9:46 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : 1:40_XREF

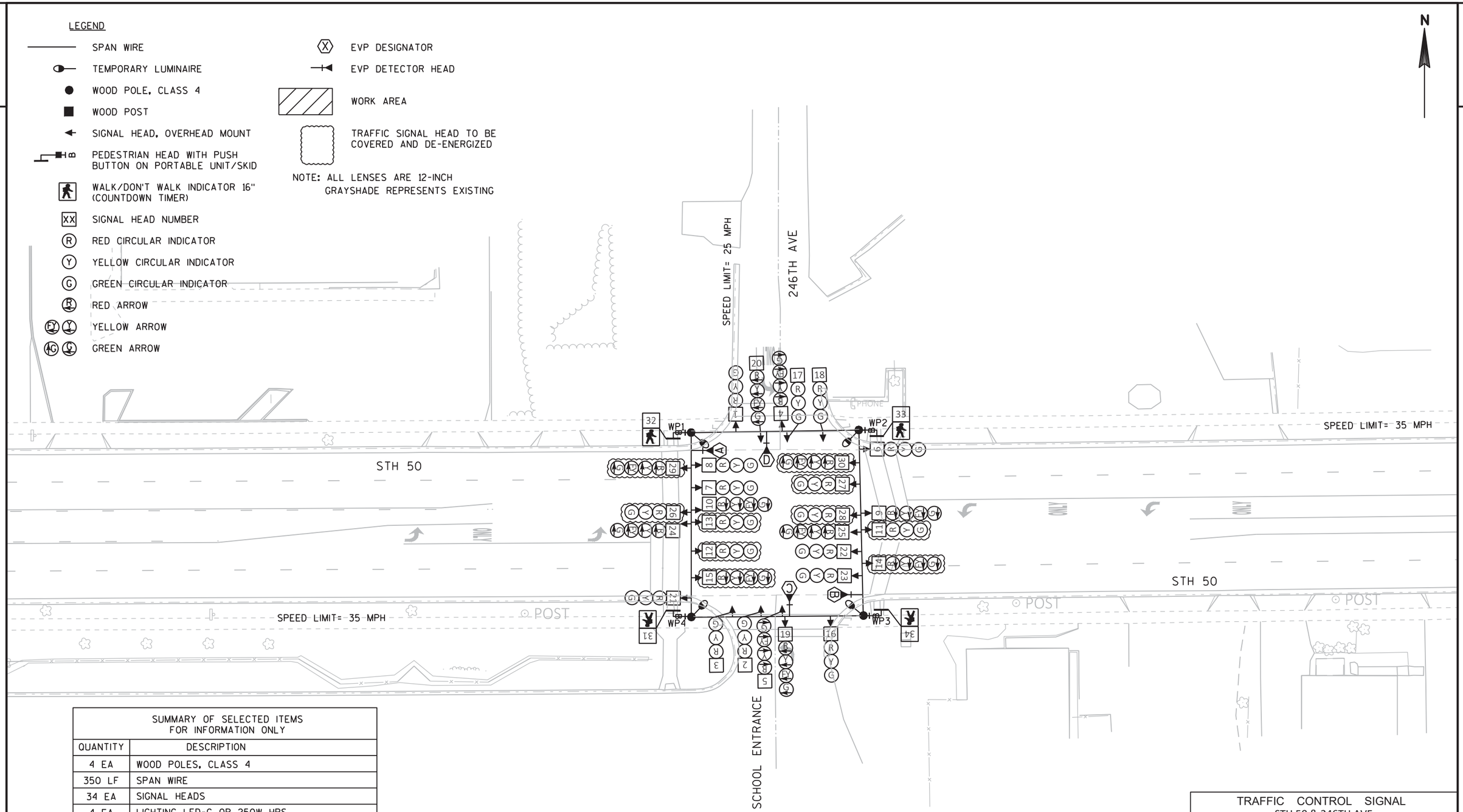
WISDOT/CADDS SHEET 42

2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- AG GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING



SUMMARY OF SELECTED ITEMS FOR INFORMATION ONLY	
QUANTITY	DESCRIPTION
4 EA	WOOD POLES, CLASS 4
350 LF	SPAN WIRE
34 EA	SIGNAL HEADS
4 EA	LIGHTING LED-C OR 250W HPS
4 EA	EVP DETECTOR HEADS
1	TEMPORARY SIGNAL CABINET AND CONTROLLER

TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 1 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 1A	SHEET 303	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS1A_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT
PLOT DATE : 7/1/2021 9:23 AM
PLOT BY : BRUGGEMAN, JOHN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

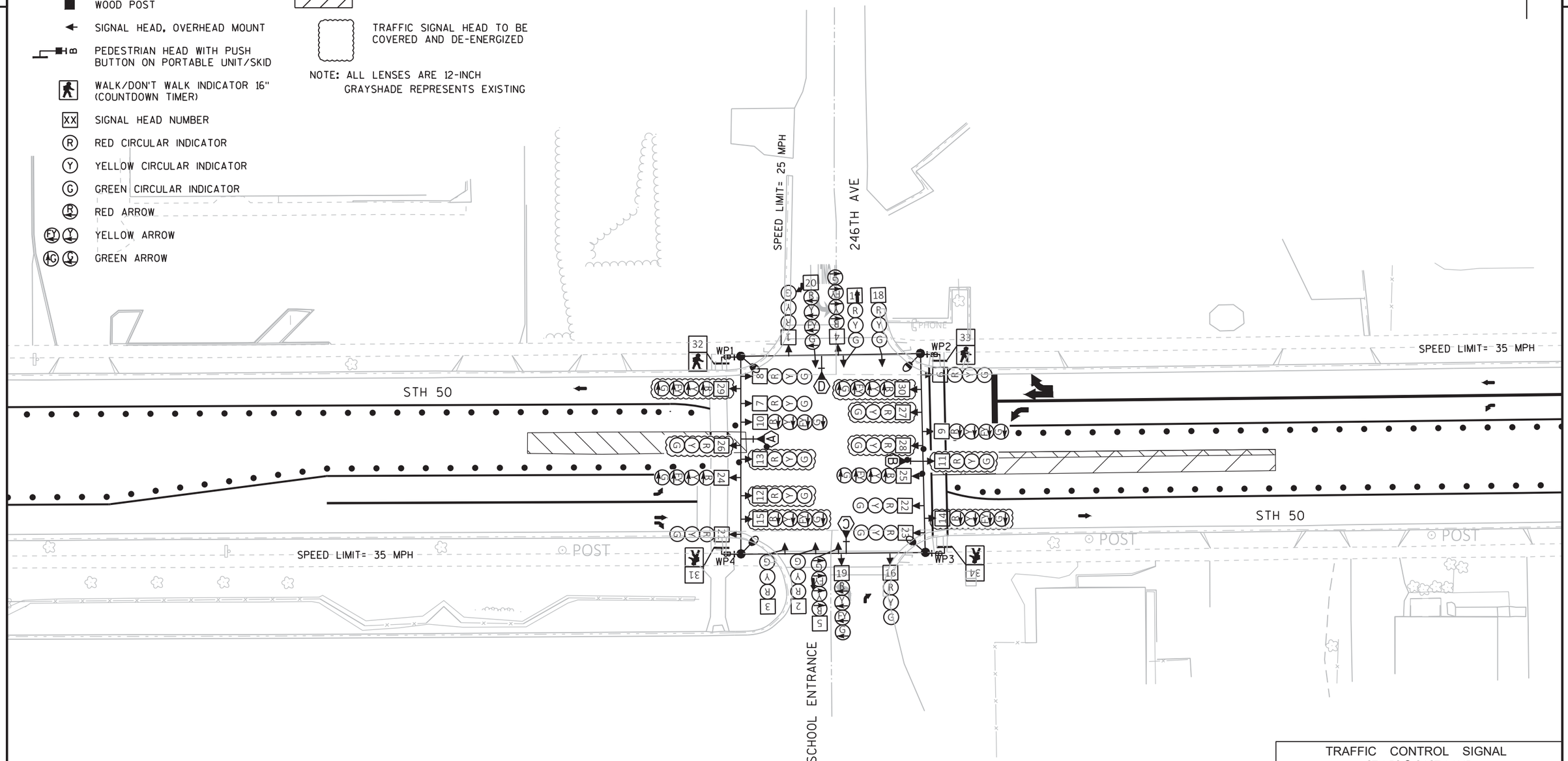
LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (FY) (Y) YELLOW ARROW
- (AG) (G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

2



TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 2 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 1B	SHEET 304	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS1B_16.DWG
LAYOUT NAME - TEMPORARY SIGNAL PLAN - STAGE 1B

PLOT DATE : 7/1/2021 9:26 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- (R) RED CIRCULAR INDICATOR
- (Y) YELLOW CIRCULAR INDICATOR
- (G) GREEN CIRCULAR INDICATOR
- (R) RED ARROW
- (FY)(Y) YELLOW ARROW
- (AG)(G) GREEN ARROW
- (X) EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

246TH AVE

SPEED LIMIT= 25 MPH

SPEED LIMIT= 35 MPH

STH 50

STH 50

SPEED LIMIT= 35 MPH

WP1

WP2

WP3

WP4

SCHOOL ENTRANCE

POST

POST

POST

PHONE

TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 3 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 2A	SHEET 305	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS2A_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 7/1/2021 9:28 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- AG GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 25 MPH

246TH AVE

SPEED LIMIT= 35 MPH

STH 50

STH 50

SPEED LIMIT= 35 MPH

POST

POST

POST

PHONE

WP1

WP2

WP3

WP4

SCHOOL ENTRANCE

TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 4 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 2B	SHEET 306	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS2B_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 7/1/2021 9:32 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

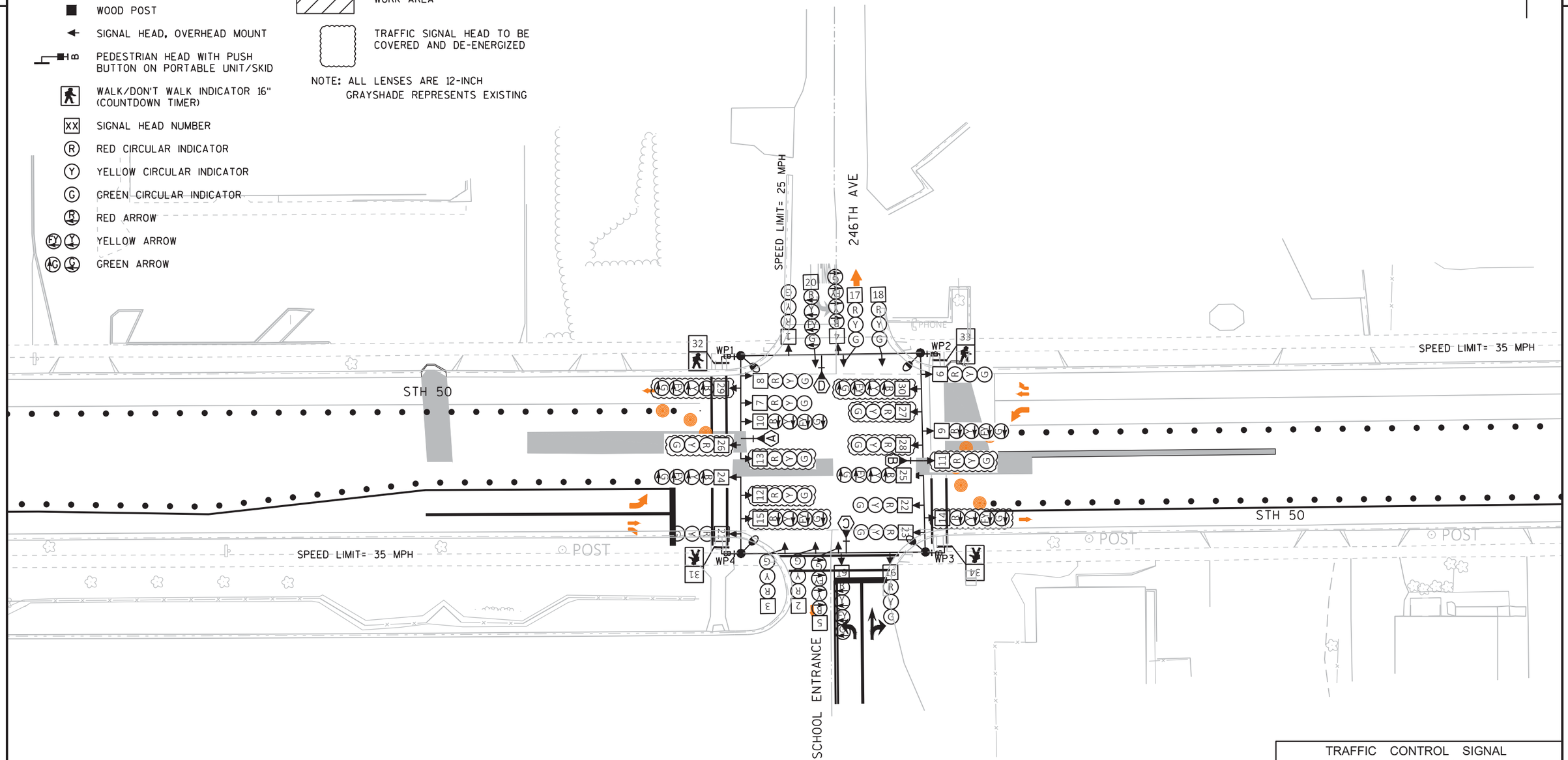
2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- FG GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N



TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 5 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 3	SHEET 307	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS3_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 7/1/2021 9:35 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- EY YELLOW ARROW
- AG GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 25 MPH

246TH AVE

SPEED LIMIT= 35 MPH

STH 50

STH 50

SPEED LIMIT= 35 MPH

POST

POST

POST

PHONE

WP1

WP2

WP3

WP4

SCHOOL ENTRANCE

TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 6 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 4A	SHEET 308	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS4A_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 7/1/2021 9:37 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

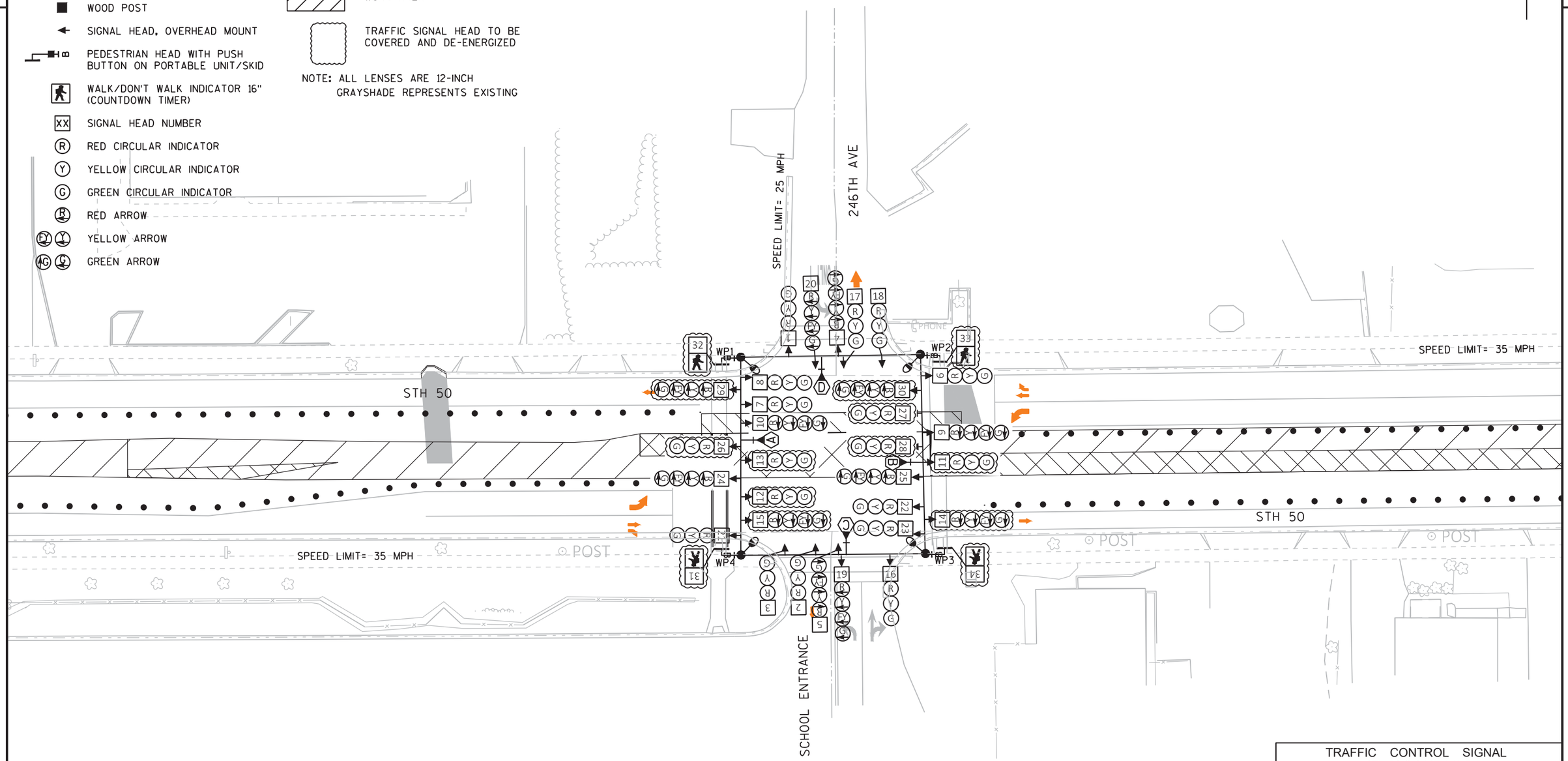
2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- FR RED ARROW
- FY YELLOW ARROW
- FG GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N



TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 7 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 4B	SHEET 309	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS4B_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 7/1/2021 9:40 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY Y YELLOW ARROW
- AG G GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 25 MPH

246TH AVE

SPEED LIMIT= 35 MPH

STH 50

POST

WP1

WP2

WP3

WP4

SCHOOL ENTRANCE

TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 8 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 4C	SHEET 310	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS4C_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 7/1/2021 9:43 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

LEGEND

- SPAN WIRE
- TEMPORARY LUMINAIRE
- WOOD POLE, CLASS 4
- WOOD POST
- SIGNAL HEAD, OVERHEAD MOUNT
- PEDESTRIAN HEAD WITH PUSH BUTTON ON PORTABLE UNIT/SKID
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- RA RED ARROW
- FY YELLOW ARROW
- AG GREEN ARROW
- X EVP DESIGNATOR
- EVP DETECTOR HEAD
- WORK AREA
- TRAFFIC SIGNAL HEAD TO BE COVERED AND DE-ENERGIZED

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

N

SPEED LIMIT= 25 MPH

246TH AVE

SPEED LIMIT= 35 MPH

STH 50

WP1

WP2

WP3

WP4

PHONE

POST

SCHOOL ENTRANCE

TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
TOWN OF SALEM
KENOSHA COUNTY

SIGNAL NO. S30-0527

REGION CONTACT: JARRETT GATES
DESIGNED BY: JOHN BRUGGEMAN
REVISED BY:

PAGE 9 OF 10

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNAL PLAN - STAGE 5	SHEET 311	E

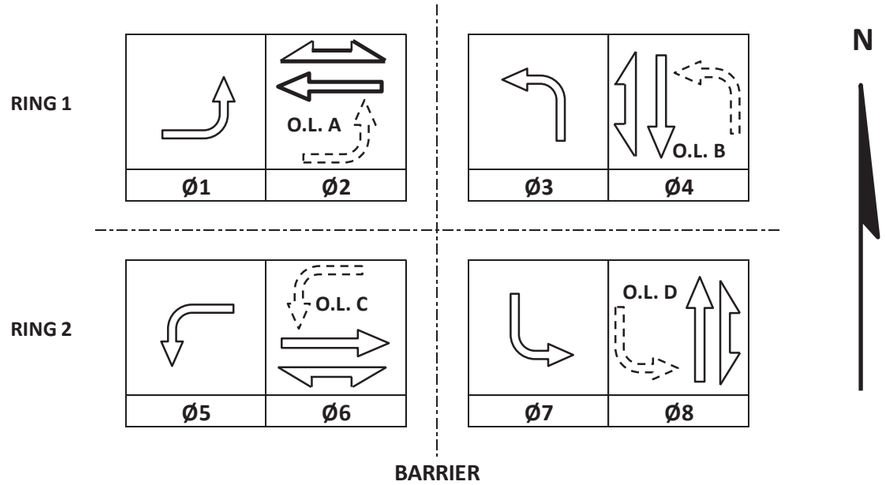
FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_TS5_16.DWG
LAYOUT NAME - Plan 1 IN 40 FT

PLOT DATE : 7/1/2021 9:44 AM PLOT BY : BRUGGEMAN, JOHN PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

	HEAD NUMBERS	FLASH
Ø1	24,25,29,30	-
Ø2	6,7,8,11,12,13	R
Ø3	19,20	-
Ø4	1,2,3	R
Ø5	9,10,14,15	-
Ø6	21,22,23,26,27,28	R
Ø7	4,5	-
Ø8	16,17,18	R
Ø2P	35,36	
Ø4P	31,32	
Ø6P	37,38	
Ø8P	33,34	
OLA	24,25,29,30	R
OLB	19,20	R
OLC	9,10,14,15	R
OLD	4,5	R



CONTROLLER LOGIC

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

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-
SIGNAL SYSTEM NO:	SS-

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

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

STH 50 & 246TH AVENUE
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

SIGNAL NO:	S30-0527	CABINET TYPE:	TEMP
		CONTROLLER TYPE:	TEMP
DATE:	NOVEMBER 2021	PAGE NUMBER:	10 OF 10

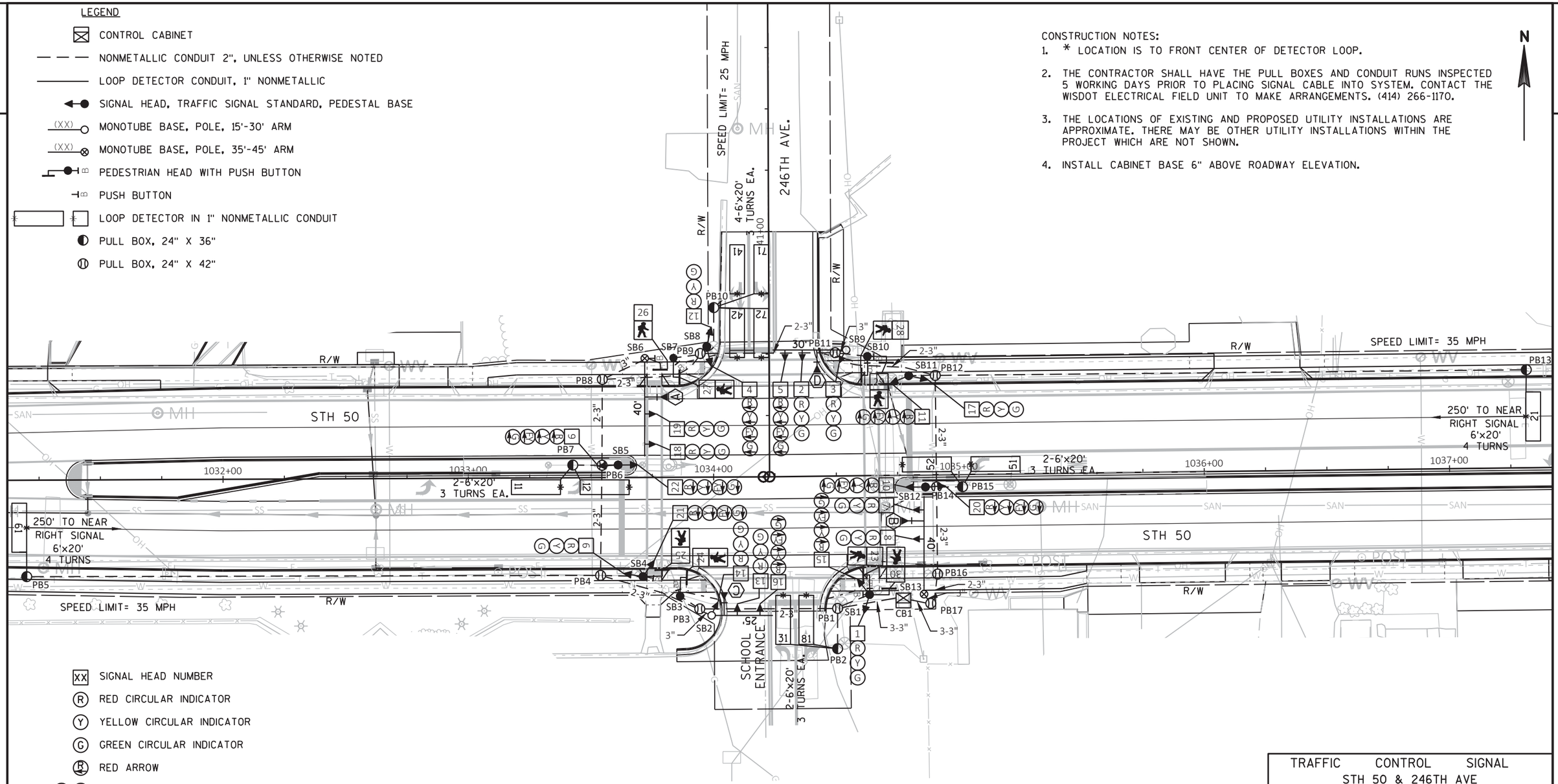
LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT, 1" NONMETALLIC
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE
- (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD WITH PUSH BUTTON
- PUSH BUTTON
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"

CONSTRUCTION NOTES:

1. * LOCATION IS TO FRONT CENTER OF DETECTOR LOOP.
2. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED 5 WORKING DAYS PRIOR TO PLACING SIGNAL CABLE INTO SYSTEM. CONTACT THE WISDOT ELECTRICAL FIELD UNIT TO MAKE ARRANGEMENTS. (414) 266-1170.
3. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT WHICH ARE NOT SHOWN.
4. INSTALL CABINET BASE 6" ABOVE ROADWAY ELEVATION.

N



- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- R RED ARROW
- FY YELLOW ARROW
- G GREEN ARROW
- WALK/DON'T WALK INDICATOR 16" (COUNTDOWN TIMER)
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

NOTE: ALL LENSES ARE 12-INCH
GRAYSHADE REPRESENTS EXISTING

MONOTUBE STRUCTURE NUMBERS
SB2 = S-30-1217-01
SB6 = S-30-1217-02
SB9 = S-30-1217-03
SB13 = S-30-1217-04

TRAFFIC CONTROL SIGNAL
STH 50 & 246TH AVE
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

SIGNAL NO. S30-0527
CABINET TYPE: TS2-S
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

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

REGION CONTACT: J. GATES
DESIGNED BY: J. BRUGGEMAN
REVISED BY:

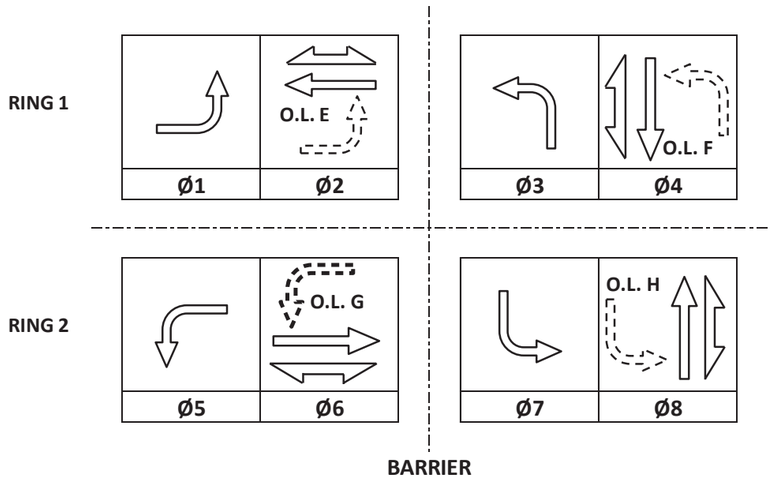
PAGE 1 OF 1

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC SIGNAL PLAN	SHEET 313	E

FILE NAME : \\DOTWKEFILE1P\N3PUBLIC\PDS\C3D\CAD\13100400\SIG\S30-0527\S30-0527_16_POLES.DWG
LAYOUT NAME - S30-0527_pg1
PLOT DATE : 7/1/2021 9:50 AM
PLOT BY : BRUGGEMAN, JOHN
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

	HEAD NUMBERS	FLASH
Ø1	9,10,11	R ←
Ø2	17,18,19	R
Ø3	4,5	R ←
Ø4	12,13,14	R
Ø5	20,21,22	R ←
Ø6	6,7,8	R
Ø7	15,16	R ←
Ø8	1,2,3	R
Ø2P	27,28	
Ø4P	25,26	
Ø6P	23,24	
Ø8P	29,30	
OLE	9,10,11	-
OLF	4,5	-
OLG	20,21,22	-
OLH	15,16	-





CONTROLLER LOGIC

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE

EMERGENCY VEHICLE PREEMPTOR	A	B	C	D
MOVEMENT				
PHASE	2+5	6+1	4+7	8+3

AFTER PREEMPTION SEQUENCE 2+5 OR 6+1, CONTROLLER SHALL RETURN TO PHASES 2+6.
AFTER PREEMPTION SEQUENCE 4+7 OR 8+3, CONTROLLER SHALL RETURN TO PHASES 4+8.

TYPE OF INTERCONNECT/COMMUNICATION	
NONE	X
CLOSED LOOP	
TWISTED PAIR	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	
CELL MODEM	

TYPE OF COORDINATION	
NONE	X
TBC	
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO: S-	
SIGNAL SYSTEM NO: SS-	

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

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

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR*(S)	11	21	31	41	51	61	71	81
CALLED PHASE	1	2	3	4	5	6	7	8
CALL OPTION	X	X	X	X	X	X	X	X
DELAY TIME				X				X
EXTENTION OPTION	X	X	X	X	X	X	X	X
EXTEND TIME								
USE ADDED INITIAL		X				X		
CROSS SWITCH PHASE	2				6			

DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR*(S)								
CALLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENTION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR*(S)	12			42	52		72	
CALLED PHASE	2			4	5		7	
CALL OPTION	X			X	X		X	
DELAY TIME				X				
EXTENTION OPTION	X			X	X		X	
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

DETECTOR INPUT	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR*(S)								
CALLED PHASE								
CALL OPTION								
DELAY TIME								
EXTENTION OPTION								
EXTEND TIME								
USE ADDED INITIAL								
CROSS SWITCH PHASE								

STH 50 & 246TH AVENUE
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

SIGNAL NO: S30-0527 CABINET TYPE: TS2-E
CONTROLLER TYPE: ECONOLITE
DATE: NOVEMBER 2021 PAGE NUMBER: 2 OF 2

PROJECT ID:	1310-04-70
INTERSECTION:	STH 50 & 246TH AVE

Signal Wire Color Coding	BLK - black	RED - red	GRN - green
	WHT - white	BLU - blue	ORG - orange

CB1 TO	AWG14 # OF CONDUCTORS	HEAD NO.	SIGNAL INDICATION WIRE COLOR									PED NEUTRAL	PED INPUT
			RED	YELLOW	GREEN	<RED>	<YELLOW>	<GREEN>	<FLASHING YELLOW>	D/WALK	WALK		
SB1	19	1	RED	ORG	GRN								
		15				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
		23								BLK	BLU	WHT	
		30								RED/WHT	BLU/WHT	GRN/WHT	
		BUTTON											WHT/BLK
		BUTTON											BLK/WHT
SB2	12	13	RED	ORG	GRN								
		14	RED	ORG	GRN								
		16				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
SB3	12	24								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB4	12	6	RED	ORG	GRN								
		21				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
		25								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB5	12	9				RED	ORG	GRN	BLU				
		22				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
SB6	12	18	RED	ORG	GRN								
		19	RED	ORG	GRN								
		26								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB7	12	27								BLK	BLU	WHT	
		BUTTON											WHT/BLK
SB8	12	4				RED	ORG	GRN	BLU				
		12				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
SB9	12	2	RED	ORG	GRN								
		3	RED	ORG	GRN								
		5				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
SB10	12	28								BLK	BLU	WHT	
		29								RED	GRN	ORG	
		BUTTON											WHT/BLK
		BUTTON											ORG/BLK
SB11	12	10				RED	ORG	GRN	BLU				
		17	RED/BLK	ORG/BLK	GRN/BLK								
SB12	12	11				RED	ORG	GRN	BLU				
		20				RED/BLK	ORG/BLK	GRN/BLK	BLU/BLK				
SB13	12	7	RED	ORG	GRN								
		8	RED	ORG	GRN								

Equipment grounding conductor 10 AWG Green XLP	
From	TO
CB1	SB1
SB1	SB2
SB2	SB3
SB3	SB4
SB4	SB5
SB5	SB6
SB6	SB7
SB7	SB8
SB8	SB9
SB9	SB10
SB10	SB11
SB11	SB12
SB12	SB13
SB13	CB1

Pull Box Bonding Jumper 10 AWG Green XLP	
From	To
PB1	SB1
PB3	SB2
PB4	SB4
PB6	SB5
PB8	SB7
PB9	SB8
PB11	SB9
PB12	SB11
PB14	SB12
PB16	SB13
PB17	SB13

EVP CABLE	
From	To
CB1	SB2 (HEAD C)
CB1	SB6 (HEAD A)
CB1	SB9 (HEAD D)
CB1	SB13 (HEAD B)

***Use the white conductor in the cable assembly as the grounded conductor for all traffic signal indications**
***Ensure the grounded conductor in the feeder cable and the pole cables are both 18" longer than the ungrounded conductors.**
***At the signal bases, connect one terminal from the pedestrian push buttons to the color indicated in the chart. Connect the other terminal to the grounded conductor.**
***Reconnect the grounding conductors wherever the circuit has been interrupted to ensure the grounding circuit is complete.**

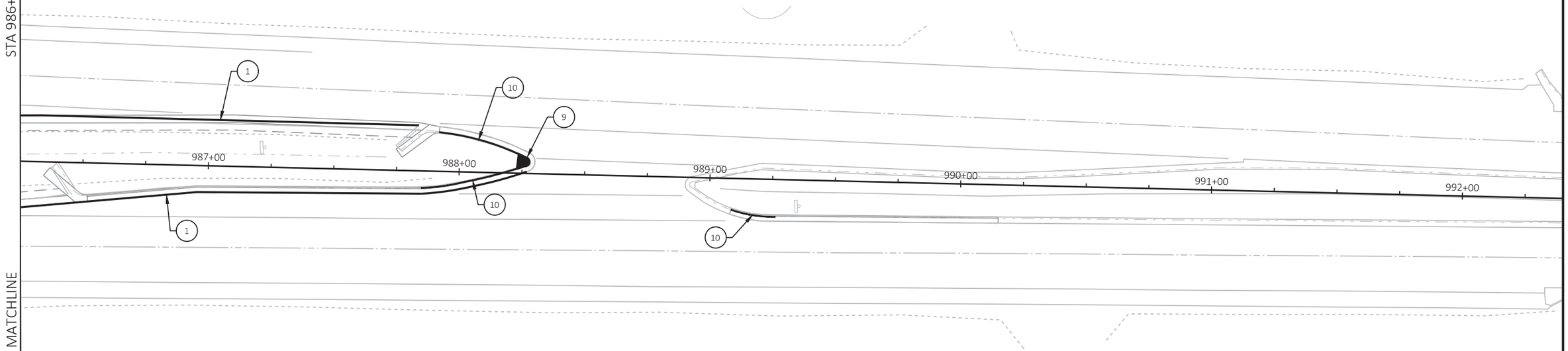
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N

NOTES:
1. GROOVED PAVEMENT MARKINGS ON STH 50 OUTSIDE OF RECONSTRUCTION LIMITS TO REMAIN. WHEN IMPACTED BY TRAFFIC CONTROL GROOVED MARKINGS SHALL BE COVERED WITH MASK OUT MARKINGS. ANY GROOVED MARKINGS DAMAGED DURING CONSTRUCTION TO BE REPLACED IN KIND. SEE TRAFFIC CONTROL PLANS FOR MASK OUT LOCATIONS.
2. REPLACE NON-GROOVED PAVEMENT MARKINGS OUTSIDE RECONSTRUCTION LIMITS DISTURBED BY TRAFFIC CONTROL IN THE PRE-CONSTRUCTION LOCATIONS.

LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)



SHEET 1 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 316	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 00
PLOT DATE : 7/30/2021 9:51 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

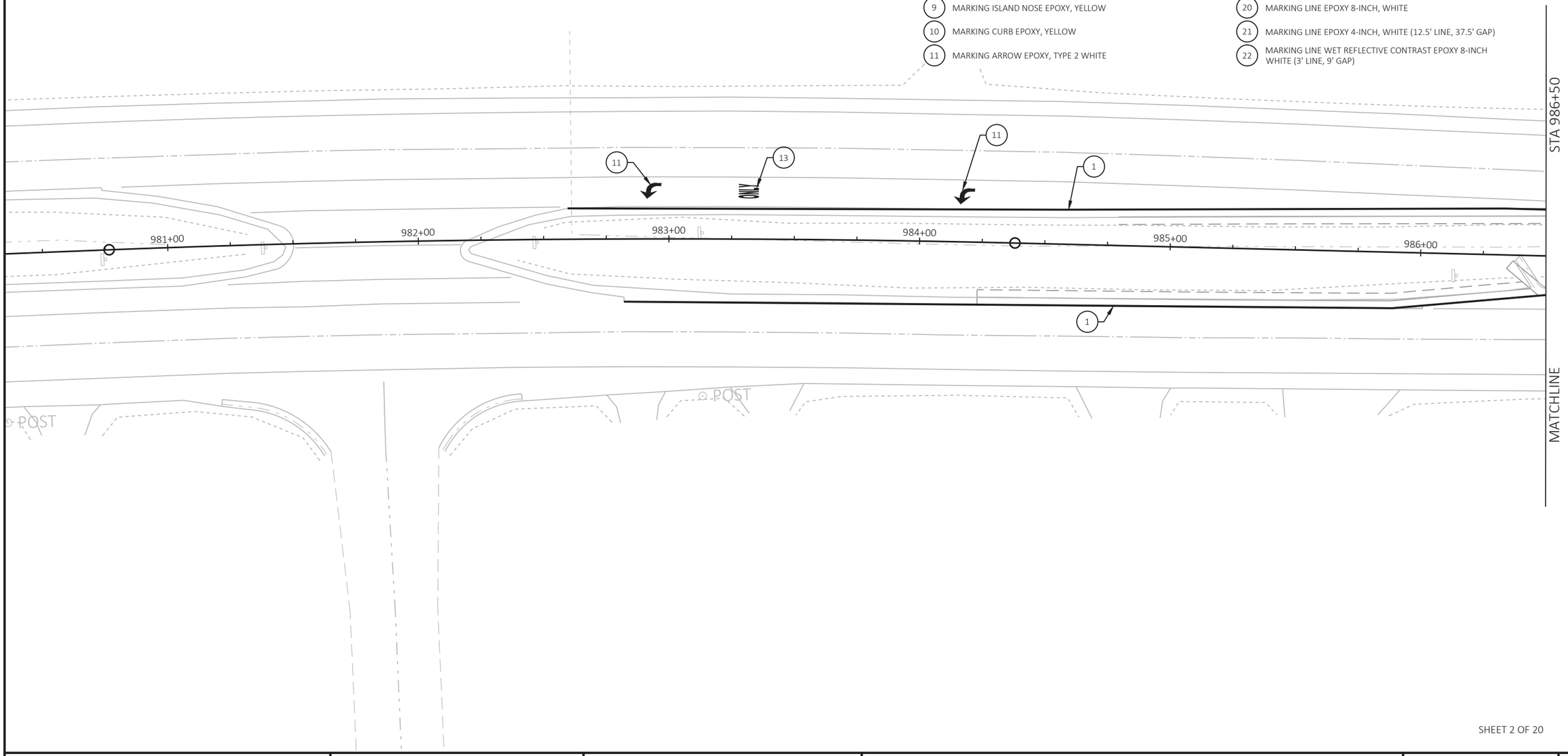
N

NOTES:

1. GROOVED PAVEMENT MARKINGS ON STH 50 OUTSIDE OF RECONSTRUCTION LIMITS TO REMAIN. WHEN IMPACTED BY TRAFFIC CONTROL GROOVED MARKINGS SHALL BE COVERED WITH MASK OUT MARKINGS. ANY GROOVED MARKINGS DAMAGED DURING CONSTRUCTION TO BE REPLACED IN KIND. SEE TRAFFIC CONTROL PLANS FOR MASK OUT LOCATIONS.
2. REPLACE NON-GROOVED PAVEMENT MARKINGS OUTSIDE RECONSTRUCTION LIMITS DISTURBED BY TRAFFIC CONTROL IN THE PRE-CONSTRUCTION LOCATIONS.

LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)



SHEET 2 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 317	E

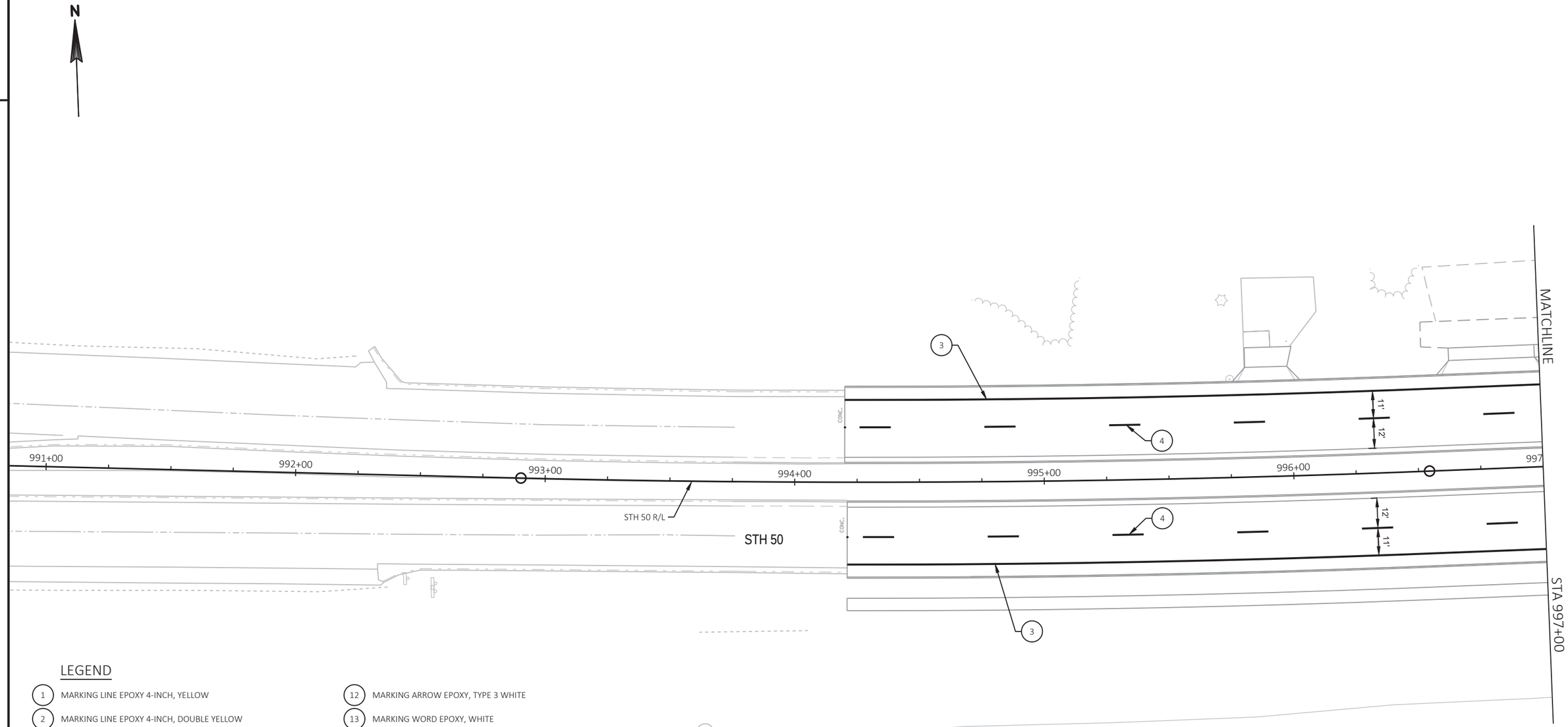
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 00a

PLOT DATE : 7/30/2021 9:51 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2



LEGEND

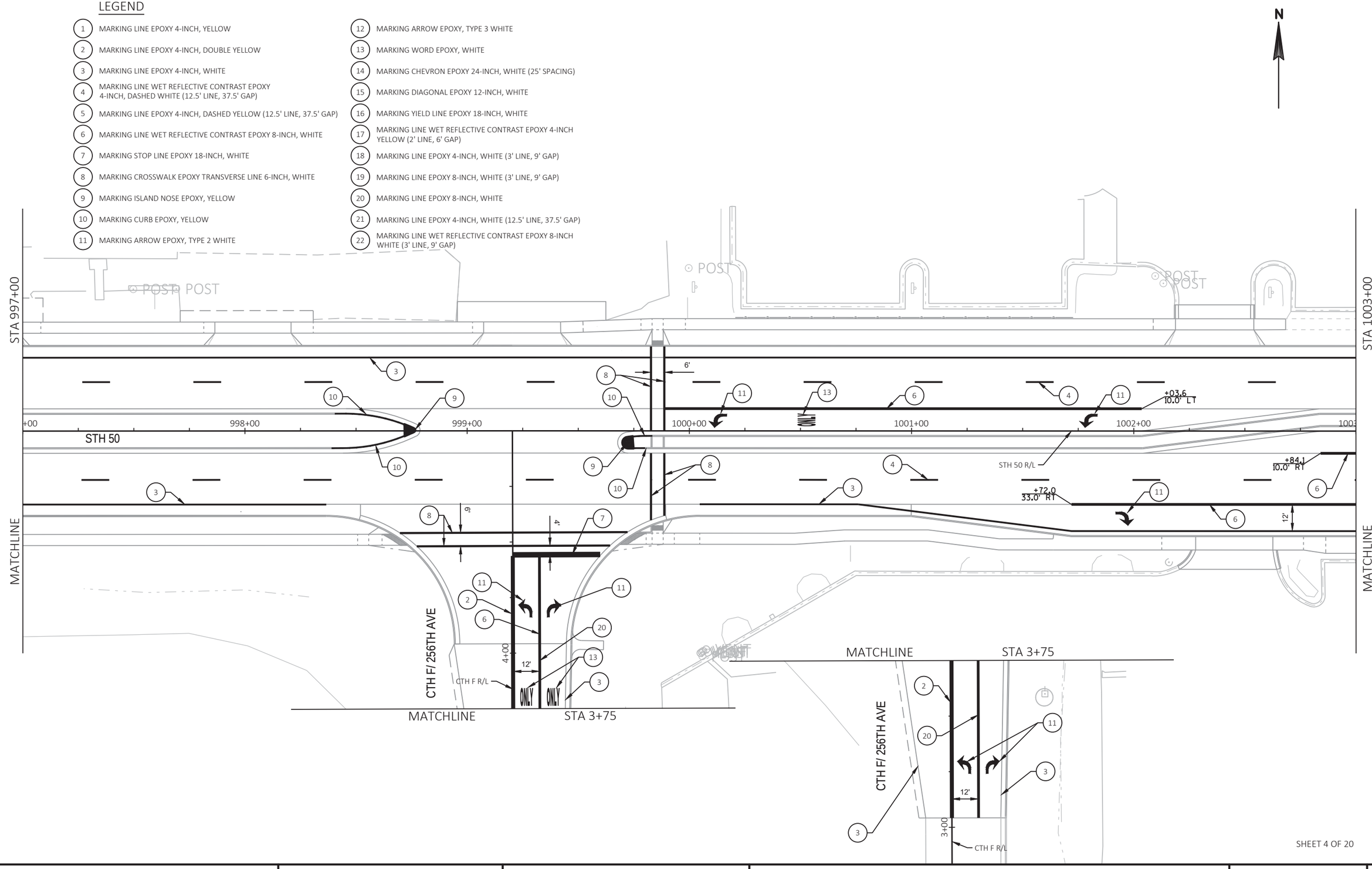
1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 318	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 9:51 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)



SHEET 4 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 319	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 9:52 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

N

MATCHLINE STA 52+00

STA 1003+00

STA 1009+00

MATCHLINE

STH 75 R/L

STH 75

STH 50

STH 50 R/L

STH 75/83

STH 75/83 R/L

1004+00

1005+00

1006+00

1007+00

1008+00

1009

+67.7 10.0' LT

+10.7 34.0' LT

+17.3 L1' RT

+45.5 55.7' RT

+99.5 50.1' RT

+55.8 39.0' RT

MATCHLINE STA 48+00

TILE

RADIUS TABLE					
POINT NUMBER	STATION	OFFSET	Y	X	RADIUS
A	1005+11.26	57.00' LT	128,259.95	550,131.36	57'
B	1006+83.18	116.73' LT	128,319.57	550,303.31	135'
C	1006+51.45	60.00' LT	128,262.86	550,271.55	70'
D	1004+99.38	105.00' RT	128,097.96	550,119.37	115'
E	1006+51.71	55.00' RT	128,147.86	550,271.73	55'
F	1007+56.52	84.53' RT	128,118.26	550,376.52	92'

SHEET 5 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 320	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 9:52 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STA 1009+00

STA 1015+00

POST

POST

POST

TILE

6'

11'

12'

10'

+58.9
10.0' LT

1010+00

1011+00

1012+00

1013+

1014+00

1015

STH 50

STH 50 R/L

+39.5
10.0' RT

+03.3
10.0' RT

10'

12'

11'

MATCHLINE

MATCHLINE

LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

SHEET 6 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 321	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 04
PLOT DATE : 7/30/2021 9:52 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (2.5' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

N

STA 1015+00

STA 1021+00

250TH AVE R/L

250TH AVE

11+00

+01.6 9.9' LT

+01.3 0.7' RT

+51.6 9.7' LT

+51.3 1.1' RT

4'

6'

1016+00

1017+00

1018+00

1019+00

1020+00

8' R

+83.4 7.9' LT

+50.0 7.0' LT

+83.2 8.1' RT

+50.0 7.0' RT

+17.9 10.0' RT

+49.9 10.0' RT

+58.0 9.9' RT

STH 50

STH 50 R/L

11'

12'

10'

MATCHLINE

MATCHLINE

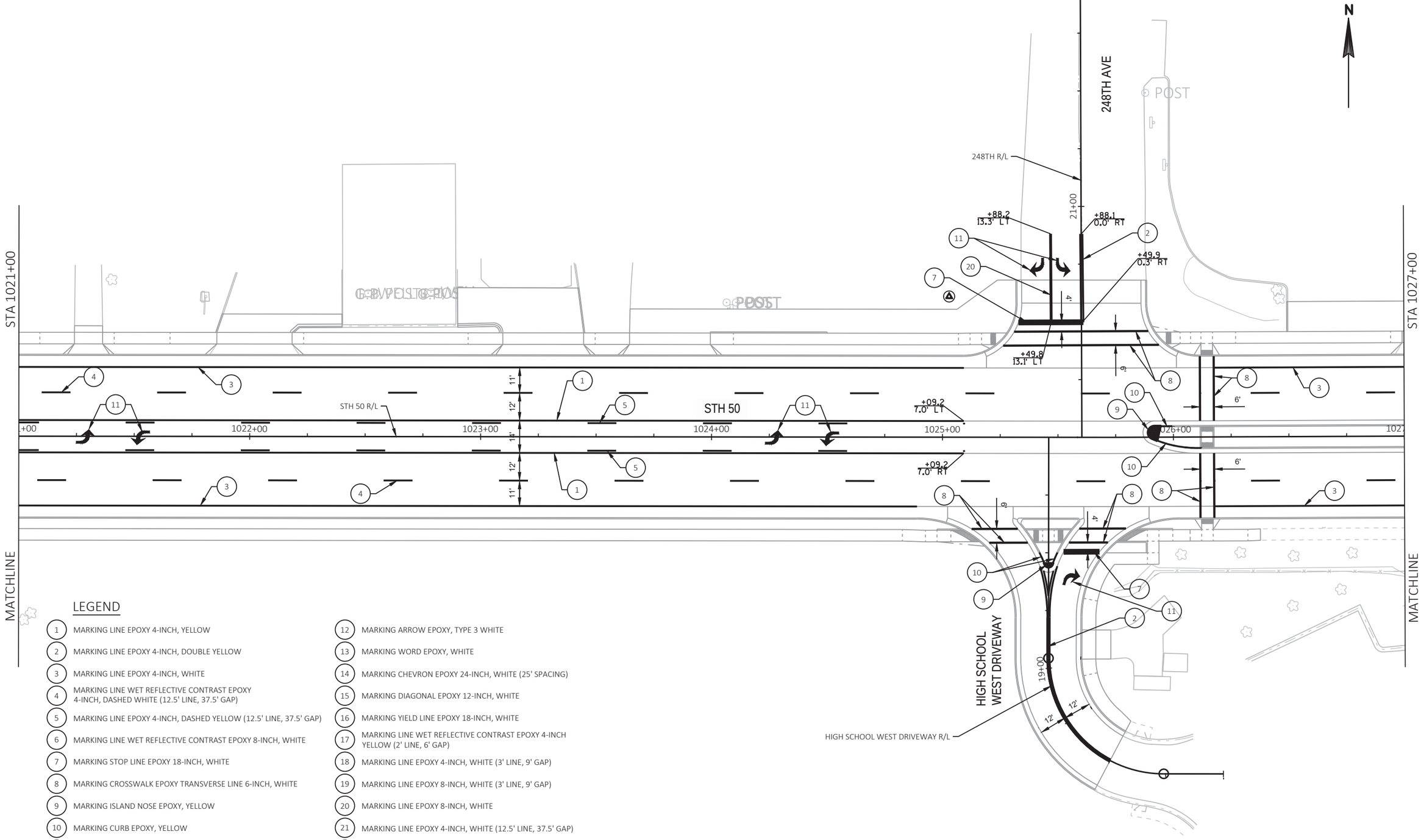
SHEET 7 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 322	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 9:52 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

SHEET 8 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 323	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 9:53 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

N

STA 1027+00

STA 1033+00

STH 50

STH 50 R/L

1028+00 1029+00 1030+00 1031+00 1032+00

+99.8 30.0' LT

+00.0 7.0' LT

+99.8 32.0' LT

+00.0 7.0' RT

+99.8 30.0' RT

+00.0 9.0' RT

+39.6 9.0' RT

+99.8 32.0' RT

11' 12' 14' 12' 11'

10'

MATCHLINE

MATCHLINE

LEGEND

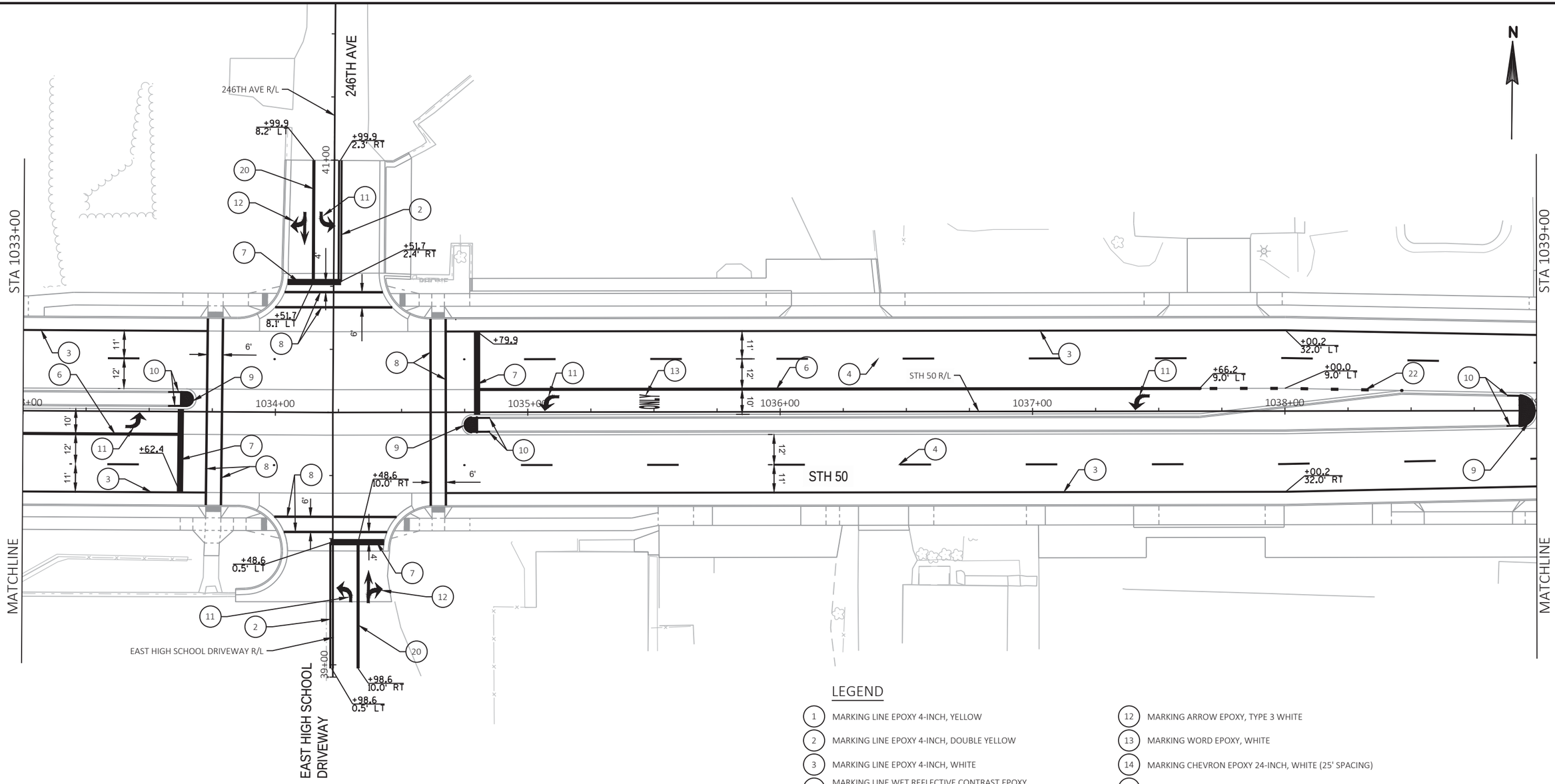
1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 324	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 9:53 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



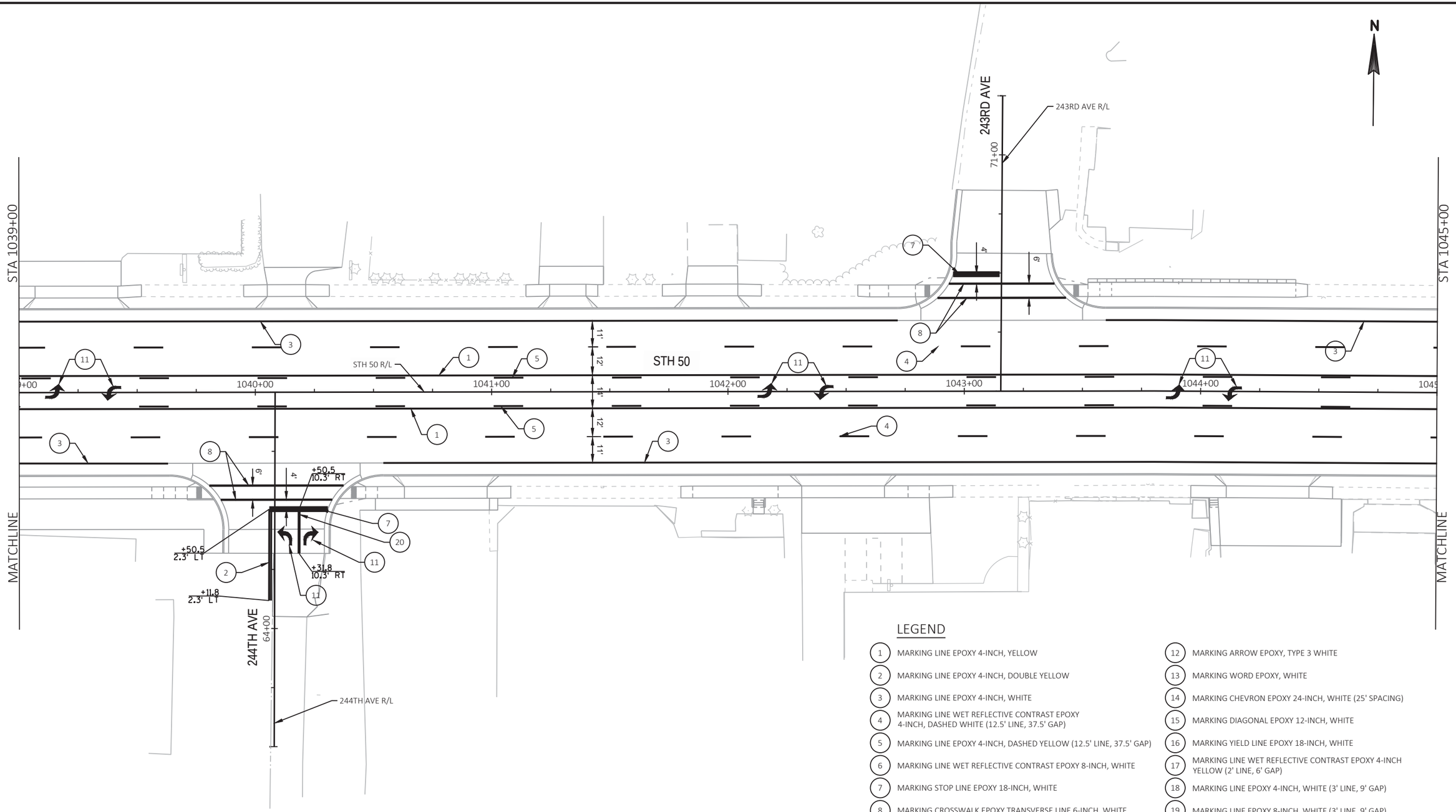
LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 325	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 9:53 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

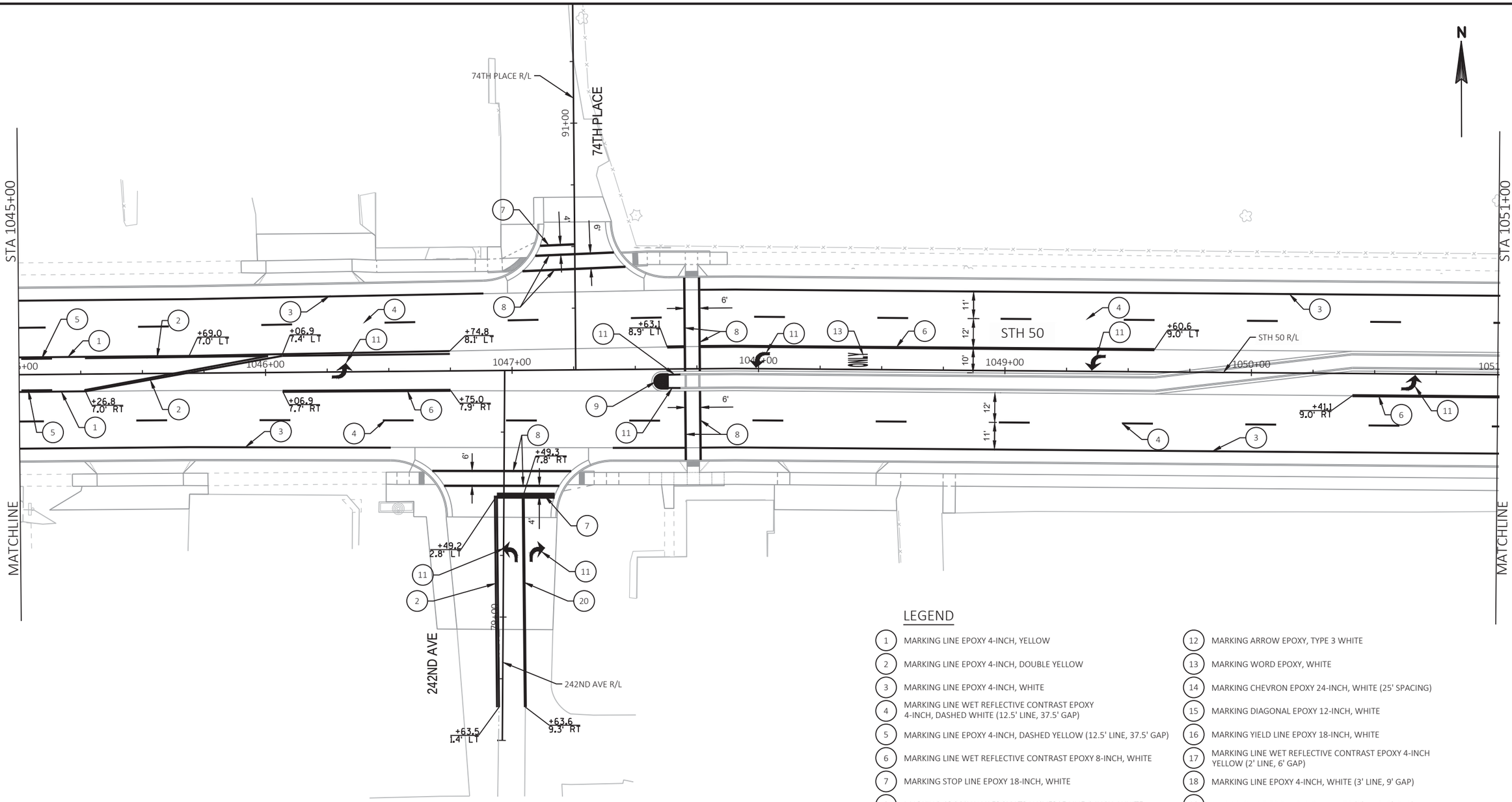


LEGEND

1	MARKING LINE EPOXY 4-INCH, YELLOW	12	MARKING ARROW EPOXY, TYPE 3 WHITE
2	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW	13	MARKING WORD EPOXY, WHITE
3	MARKING LINE EPOXY 4-INCH, WHITE	14	MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
4	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)	15	MARKING DIAGONAL EPOXY 12-INCH, WHITE
5	MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)	16	MARKING YIELD LINE EPOXY 18-INCH, WHITE
6	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE	17	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
7	MARKING STOP LINE EPOXY 18-INCH, WHITE	18	MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
8	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE	19	MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
9	MARKING ISLAND NOSE EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
10	MARKING CURB EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
11	MARKING ARROW EPOXY, TYPE 2 WHITE	22	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 326	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 09
PLOT DATE : 7/30/2021 9:53 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



N

LEGEND

1	MARKING LINE EPOXY 4-INCH, YELLOW
2	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3	MARKING LINE EPOXY 4-INCH, WHITE
4	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5	MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7	MARKING STOP LINE EPOXY 18-INCH, WHITE
8	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9	MARKING ISLAND NOSE EPOXY, YELLOW
10	MARKING CURB EPOXY, YELLOW
11	MARKING ARROW EPOXY, TYPE 2 WHITE
12	MARKING ARROW EPOXY, TYPE 3 WHITE
13	MARKING WORD EPOXY, WHITE
14	MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15	MARKING DIAGONAL EPOXY 12-INCH, WHITE
16	MARKING YIELD LINE EPOXY 18-INCH, WHITE
17	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18	MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19	MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20	MARKING LINE EPOXY 8-INCH, WHITE
21	MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 327	E

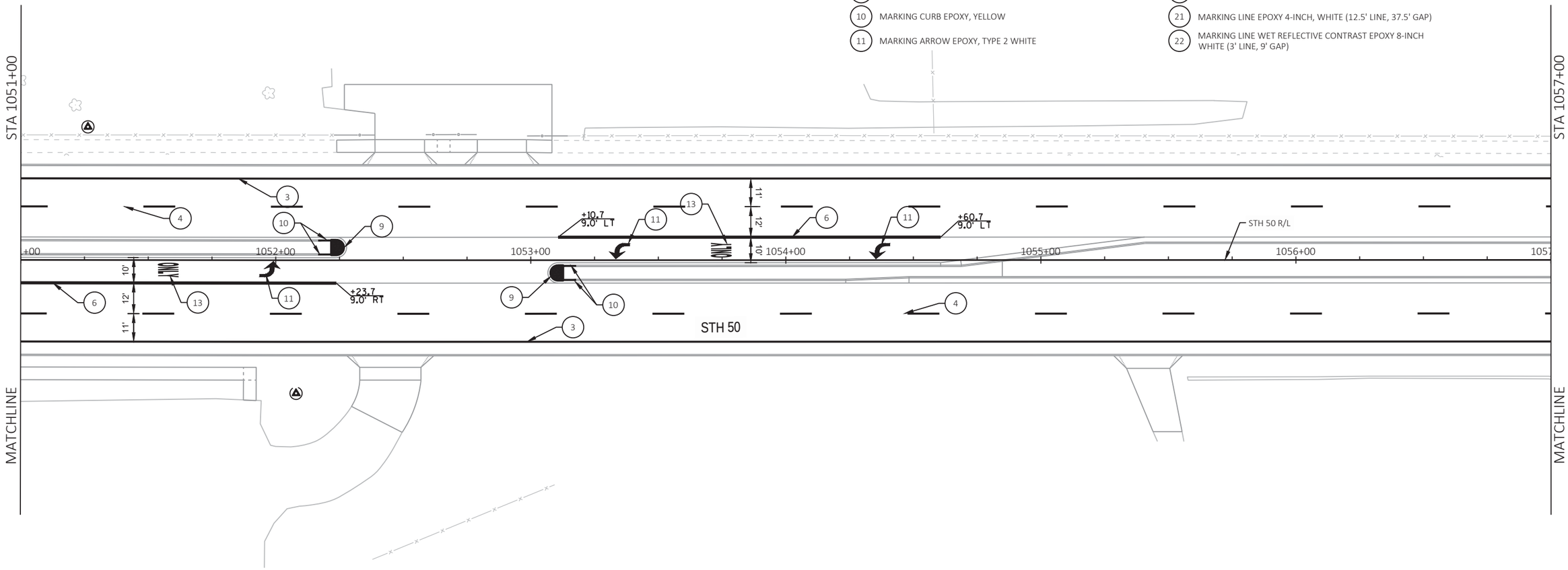
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 10
PLOT DATE : 7/30/2021 9:53 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

LEGEND

1	MARKING LINE EPOXY 4-INCH, YELLOW	12	MARKING ARROW EPOXY, TYPE 3 WHITE
2	MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW	13	MARKING WORD EPOXY, WHITE
3	MARKING LINE EPOXY 4-INCH, WHITE	14	MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
4	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)	15	MARKING DIAGONAL EPOXY 12-INCH, WHITE
5	MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)	16	MARKING YIELD LINE EPOXY 18-INCH, WHITE
6	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE	17	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
7	MARKING STOP LINE EPOXY 18-INCH, WHITE	18	MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
8	MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE	19	MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
9	MARKING ISLAND NOSE EPOXY, YELLOW	20	MARKING LINE EPOXY 8-INCH, WHITE
10	MARKING CURB EPOXY, YELLOW	21	MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
11	MARKING ARROW EPOXY, TYPE 2 WHITE	22	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

N



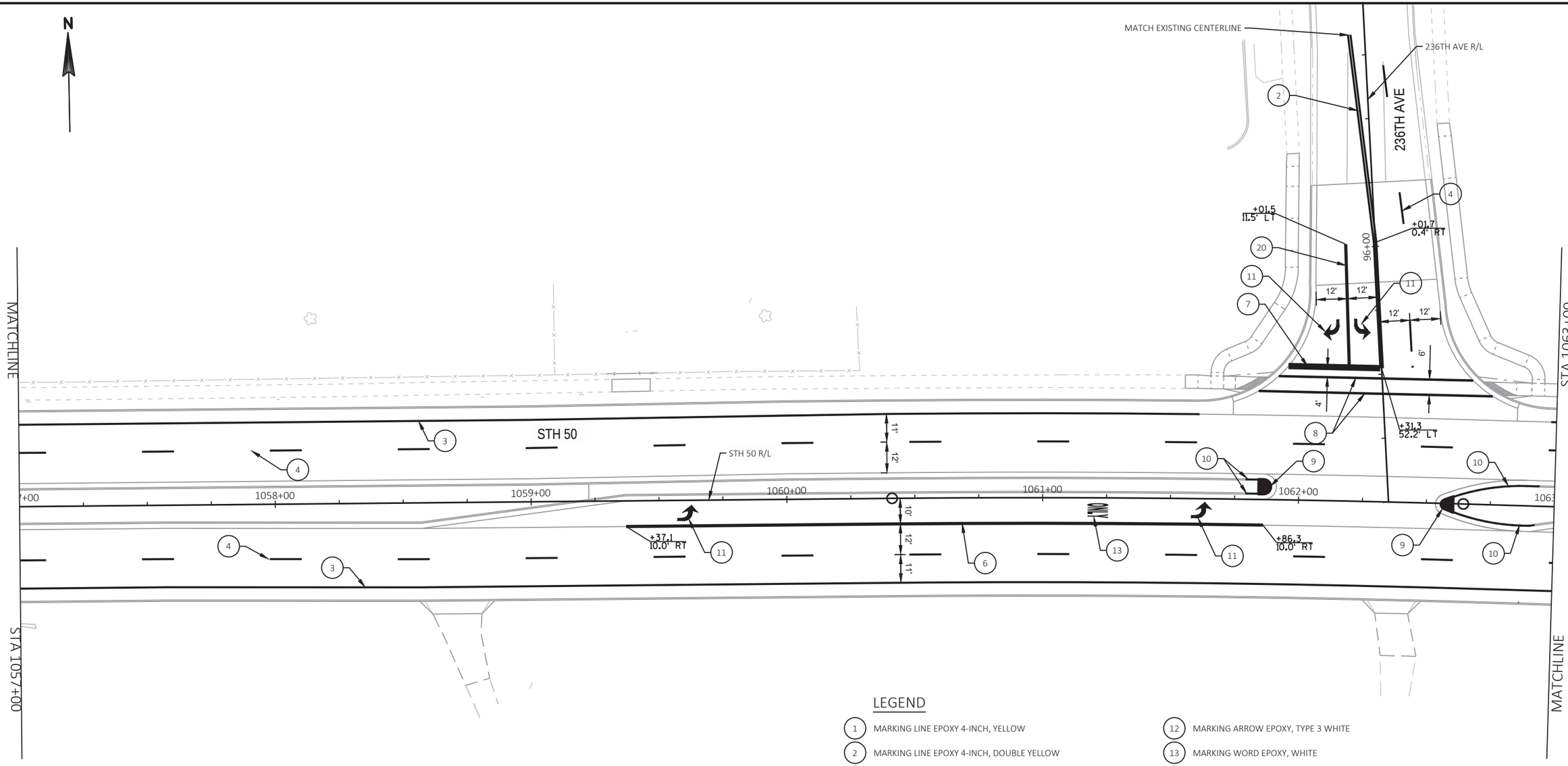
SHEET 13 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 328	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 9:54 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



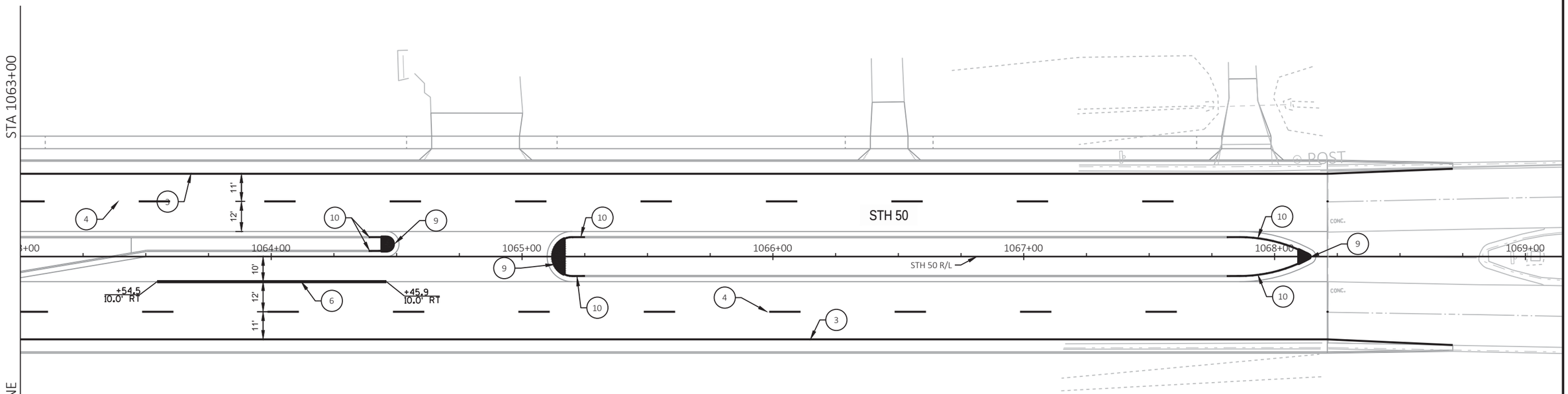
LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
5. MARKING LINE EPOXY 4-INCH, DASHED YELLOW (12.5' LINE, 37.5' GAP)
6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 329	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 12
PLOT DATE : 7/30/2021 9:54 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

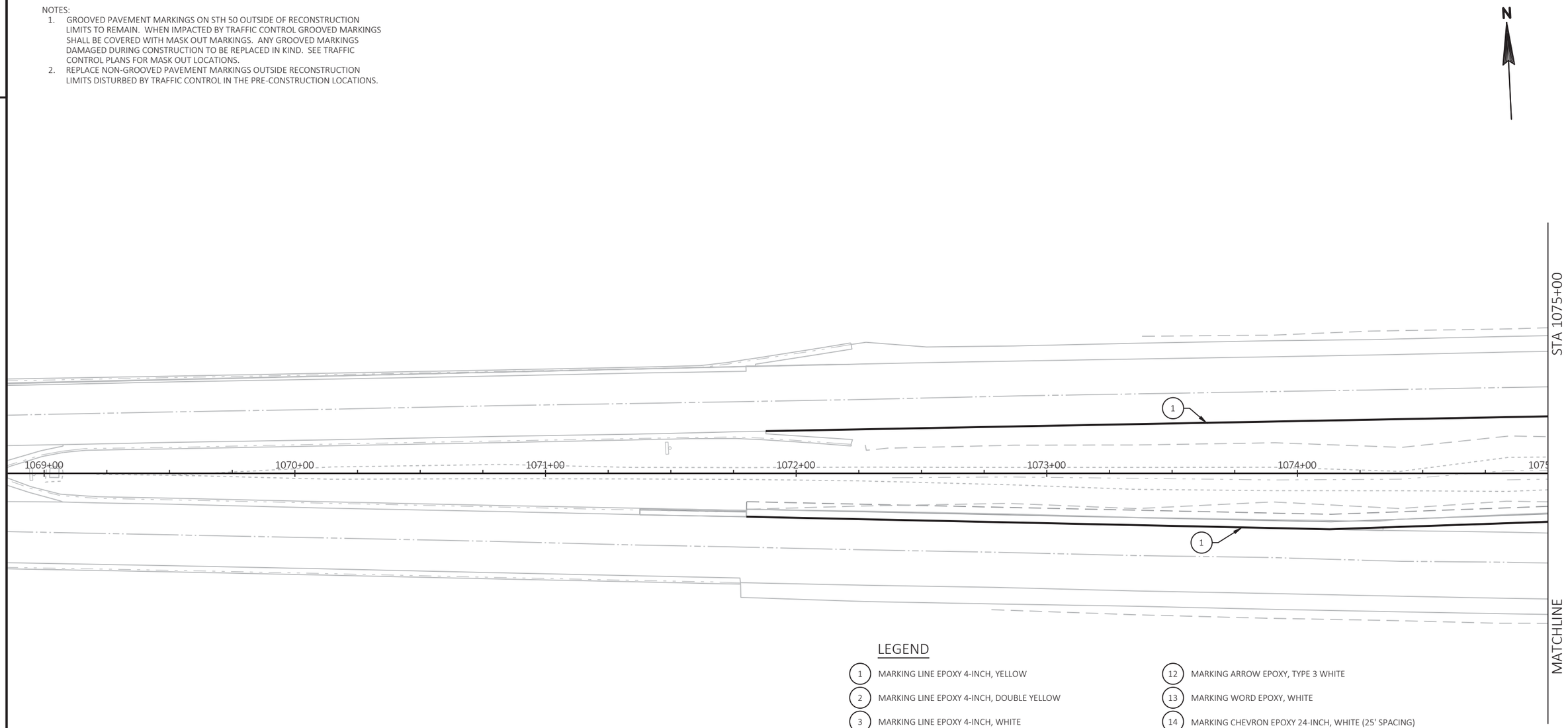
1. MARKING LINE EPOXY 4-INCH, YELLOW
2. MARKING LINE EPOXY 4-INCH, DOUBLE YELLOW
3. MARKING LINE EPOXY 4-INCH, WHITE
4. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH, DASHED WHITE (12.5' LINE, 37.5' GAP)
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6. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH, WHITE
7. MARKING STOP LINE EPOXY 18-INCH, WHITE
8. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH, WHITE
9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
17. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 4-INCH YELLOW (2' LINE, 6' GAP)
18. MARKING LINE EPOXY 4-INCH, WHITE (3' LINE, 9' GAP)
19. MARKING LINE EPOXY 8-INCH, WHITE (3' LINE, 9' GAP)
20. MARKING LINE EPOXY 8-INCH, WHITE
21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

SHEET 15 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 330	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 13
PLOT DATE : 7/30/2021 9:54 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:
1. GROOVED PAVEMENT MARKINGS ON STH 50 OUTSIDE OF RECONSTRUCTION LIMITS TO REMAIN. WHEN IMPACTED BY TRAFFIC CONTROL GROOVED MARKINGS SHALL BE COVERED WITH MASK OUT MARKINGS. ANY GROOVED MARKINGS DAMAGED DURING CONSTRUCTION TO BE REPLACED IN KIND. SEE TRAFFIC CONTROL PLANS FOR MASK OUT LOCATIONS.
2. REPLACE NON-GROOVED PAVEMENT MARKINGS OUTSIDE RECONSTRUCTION LIMITS DISTURBED BY TRAFFIC CONTROL IN THE PRE-CONSTRUCTION LOCATIONS.



LEGEND

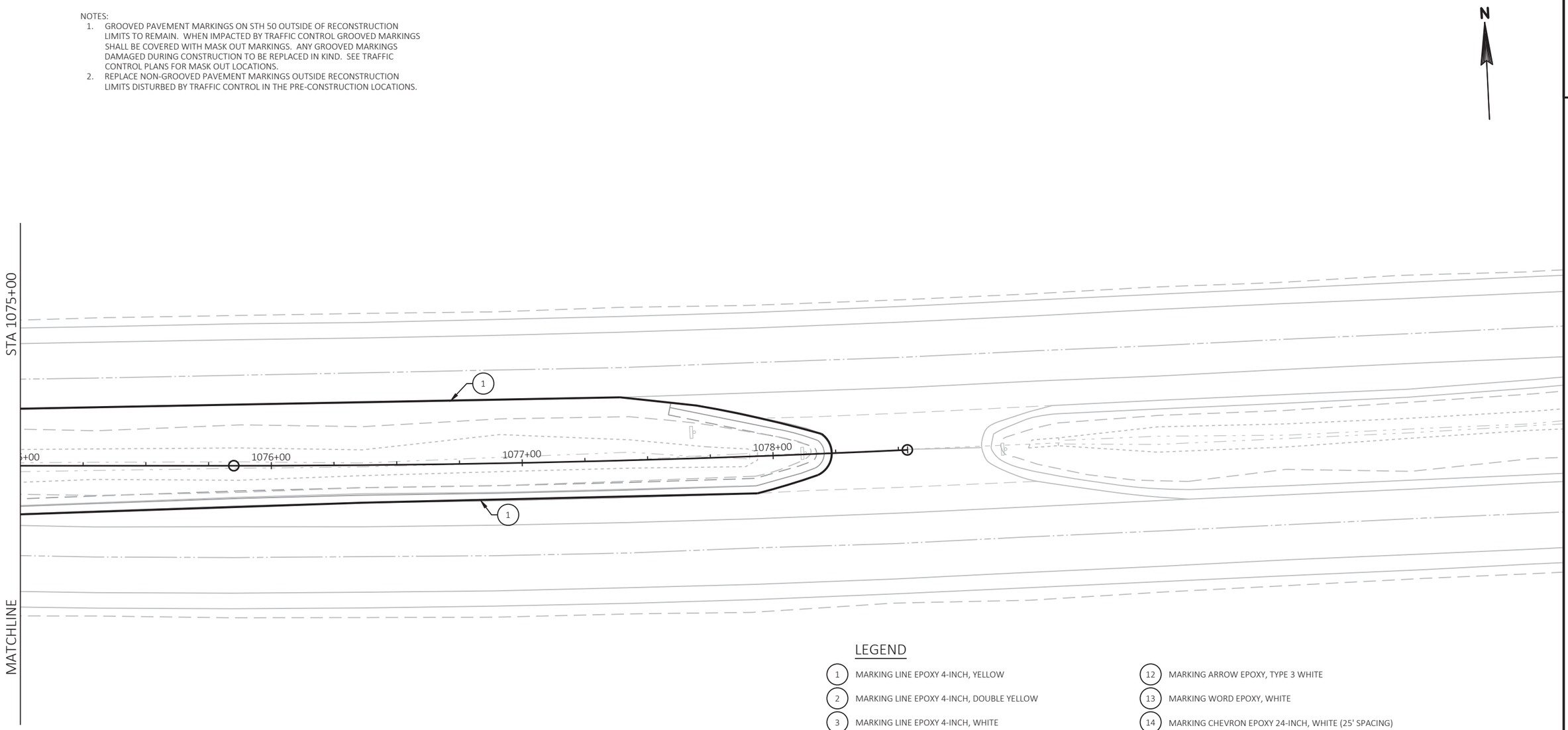
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9. MARKING ISLAND NOSE EPOXY, YELLOW
10. MARKING CURB EPOXY, YELLOW
11. MARKING ARROW EPOXY, TYPE 2 WHITE
12. MARKING ARROW EPOXY, TYPE 3 WHITE
13. MARKING WORD EPOXY, WHITE
14. MARKING CHEVRON EPOXY 24-INCH, WHITE (25' SPACING)
15. MARKING DIAGONAL EPOXY 12-INCH, WHITE
16. MARKING YIELD LINE EPOXY 18-INCH, WHITE
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21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 331	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 13A
PLOT DATE : 7/30/2021 9:54 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

1. GROOVED PAVEMENT MARKINGS ON STH 50 OUTSIDE OF RECONSTRUCTION LIMITS TO REMAIN. WHEN IMPACTED BY TRAFFIC CONTROL GROOVED MARKINGS SHALL BE COVERED WITH MASK OUT MARKINGS. ANY GROOVED MARKINGS DAMAGED DURING CONSTRUCTION TO BE REPLACED IN KIND. SEE TRAFFIC CONTROL PLANS FOR MASK OUT LOCATIONS.
2. REPLACE NON-GROOVED PAVEMENT MARKINGS OUTSIDE RECONSTRUCTION LIMITS DISTURBED BY TRAFFIC CONTROL IN THE PRE-CONSTRUCTION LOCATIONS.



LEGEND

1	MARKING LINE EPOXY 4-INCH, YELLOW
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22	MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 332	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 13B
PLOT DATE : 7/30/2021 9:54 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTE:
FOR PAVEMENT MARKINGS BEYOND PROJECT LIMITS DISTURBED BY TRAFFIC CONTROL REPLACE PAVEMENT MARKINGS IN THE PRE-CONSTRUCTION LOCATION.



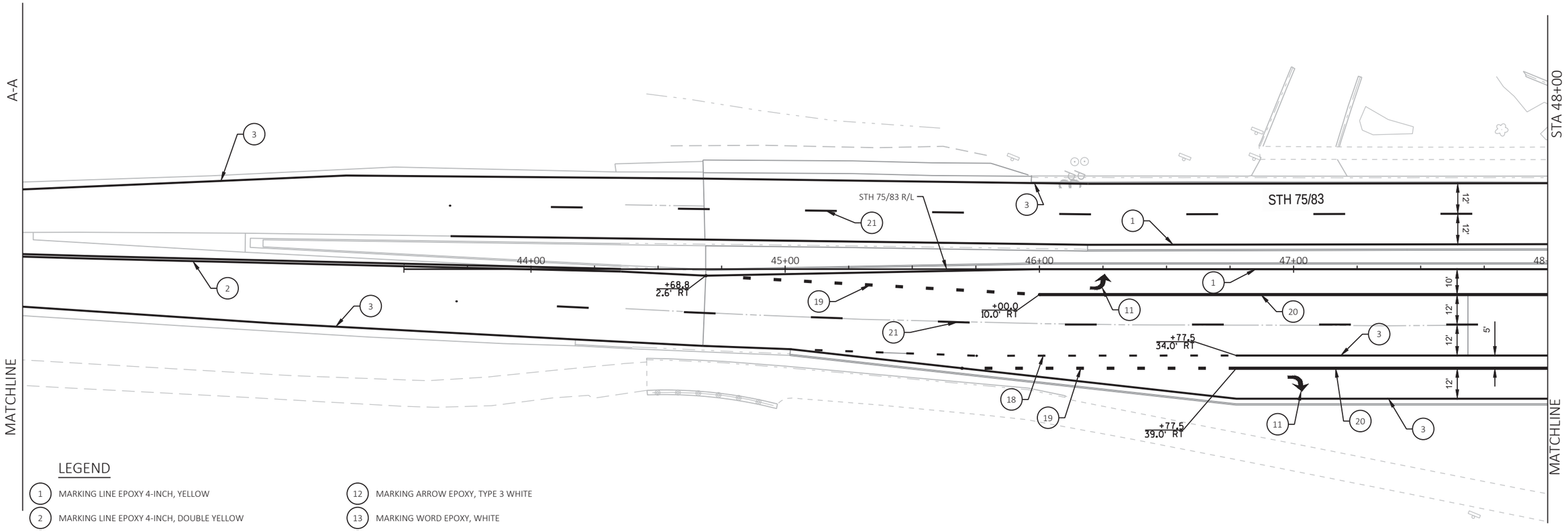
LEGEND

1. MARKING LINE EPOXY 4-INCH, YELLOW
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12. MARKING ARROW EPOXY, TYPE 3 WHITE
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 333	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 14a
PLOT DATE : 7/30/2021 9:54 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTE:
FOR PAVEMENT MARKINGS BEYOND PROJECT LIMITS DISTURBED BY TRAFFIC CONTROL REPLACE PAVEMENT MARKINGS IN THE PRE-CONSTRUCTION LOCATION.



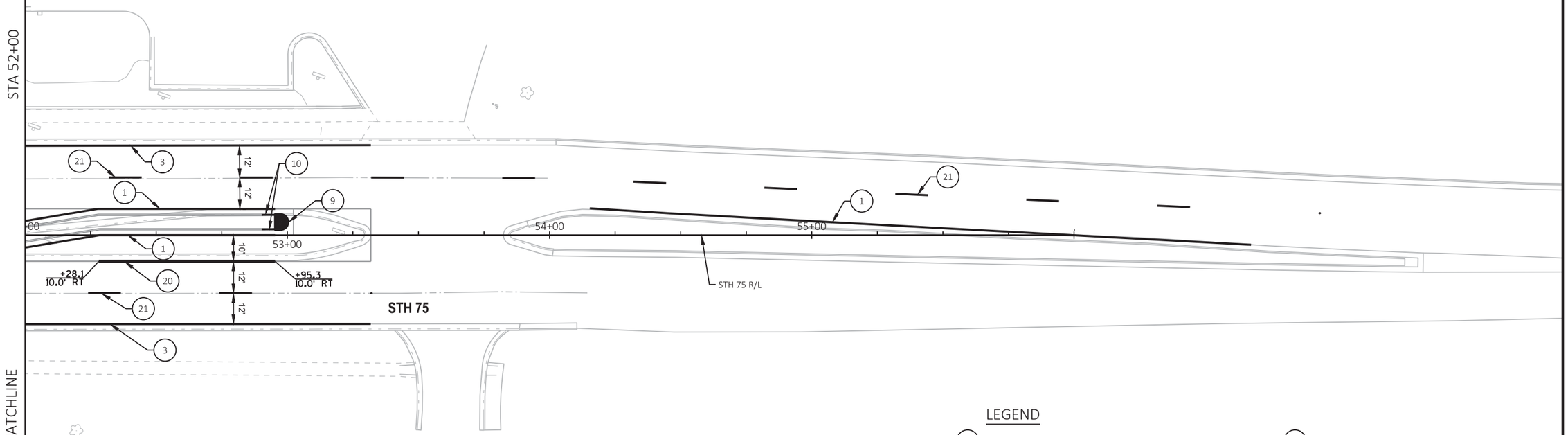
LEGEND

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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 334	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 14
PLOT DATE : 7/30/2021 9:55 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTE:
FOR PAVEMENT MARKINGS BEYOND PROJECT LIMITS DISTURBED BY TRAFFIC CONTROL REPLACE PAVEMENT MARKINGS IN THE PRE-CONSTRUCTION LOCATION.



LEGEND

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21. MARKING LINE EPOXY 4-INCH, WHITE (12.5' LINE, 37.5' GAP)
22. MARKING LINE WET REFLECTIVE CONTRAST EPOXY 8-INCH WHITE (3' LINE, 9' GAP)

SHEET 20 OF 20

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PAVEMENT MARKING	SHEET 335	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\024501_PM.DWG
LAYOUT NAME - 15
PLOT DATE : 7/30/2021 9:55 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

GENERAL NOTES FOR CONSTRUCTION STAGING AND TRAFFIC CONTROL:

1. TRAFFIC CONTROL DRUMS IN TAPERS SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS, UNLESS OTHERWISE SHOWN.
2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
3. SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF TYPE II SIGNS IS INCLUDED UNDER THE BID ITEM TRAFFIC CONTROL COVERING SIGNS TYPE II. IN LIEU OF COVERING TYPE II SIGNS, THE CONTRACTOR MAY ELECT TO REMOVE AND REINSTALL THEM. THE COVERING OF ALL OR A PART OF A TYPE I SIGN MESSAGE SHALL BE PAID FOR UNDER THE BID ITEM TRAFFIC CONTROL COVERING SIGNS TYPE I.
4. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
5. ALL TRAFFIC CONTROL SIGNS SHALL BE 48"X48" UNLESS OTHERWISE NOTED IN THE PLANS.
6. A FLAGGER MAY BE REQUIRED WHERE CONSTRUCTION VEHICLES ENTER OF LEAVE "WORK/CLOSED" AREAS IF WARRANTED BY CONDITIONS AND/OR AS DIRECTED BY THE ENGINEER.
7. CONTRACTOR SHALL INSTALL PERMANENT SIGNS AND PERMANENT PAVEMENT MARKING WHEN APPROPRIATE DURING CONSTRUCTION STAGING AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
8. ADEQUATE TURNING PROVISIONS SHALL BE MAINTAINED FOR ALL VEHICLES, INCLUDING TRUCKS, EXCEPT FOR TURNING MOVEMENTS HAVING A TRUCK DETOUR AS SHOWN IN THE PLANS. DO NOT USE TRUCK DETOURS FOR TURNING MOVEMENTS NOT SHOWN IN THE PLAN WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
9. ALL EXISTING CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.
10. EXISTING PAVEMENT MARKINGS TO BE REMOVED THAT WILL NOT BE REPLACED IN THE SAME LOCATION AFTER CONSTRUCTION SHALL BE REMOVED USING WATER BLASTING. DO NOT GRIND EXISTING PAVEMENT MARKINGS THAT WILL NOT BE REPLACED AFTER CONSTRUCTION.
11. BARRICADE STRIPES SHALL POINT DOWNWARD IN THE DIRECTION OF TRAFFIC FLOW.
12. THE CONTRACTOR SHALL ENSURE ADEQUATE DRAINAGE AND AVOID ANY PONDING OR STANDING WATER DURING THE STAGED CONSTRUCTION.
13. TEMPORARY MARKINGS SHALL BE TEMPORARY TAPE WHEN PLACED ON NEW OR EXISTING PAVEMENT SURFACES THAT ARE TO REMAIN IN PLACE FOLLOWING CONSTRUCTION. PAINT MAY BE USED ON EXISTING PAVEMENT OR BINDER HMA LAYERS THAT ARE TO BE REMOVED OR OVERLAID IN SUBSEQUENT STAGES.

DISTANCE FROM EDGE OF TRAVELED WAY	DROP OFF AND HAZARD PROTECTION REQUIREMENTS
0 TO 8 FEET	DELINEATE VERTICAL DROP OFFS 2 INCHES OR GREATER OR SLOPES STEEPER THAN 3:1 WITH DRUMS OR BARRICADES BY END OF WORK DAY. ELIMINATE VERTICAL DROP OFFS 2 INCHES OR GREATER OR SLOPES STEEPER THAN 3:1 WITHIN 72 HOURS OR BEFORE HOLIDAY WEEKEND DO NOT STORE MATERIALS, CONSTRUCTION EQUIPMENT, AND OTHER CONSTRUCTION HAZARDS WITHIN 8 FEET OF TRAVELED WAY
8 TO 15 FEET	DELINEATE VERTICAL DROP OFFS 4 INCHES OR GREATER OR SLOPES STEEPER THAN 3:1 WITH DRUMS, BARRICADES, OR BARRIER BY END OF WORK DAY.

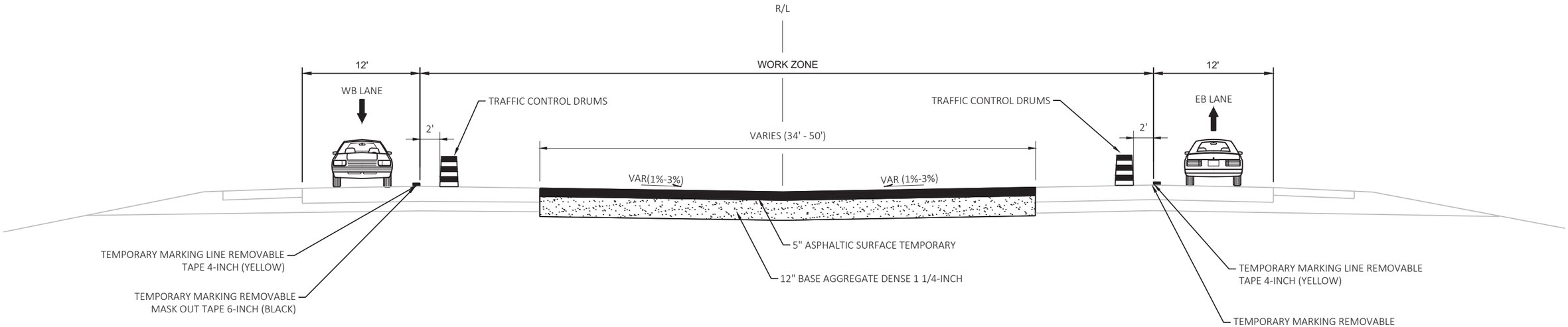
LEGEND

- WORK ZONE
- 6" ASPHALTIC SURFACE TEMPORARY WITH 10" BASE AGGREGATE DENSE 1 1/4-INCH
- ASPHALTIC SURFACE TEMPORARY WEDGING BETWEEN EXISTING AND PROPOSED PAVEMENT
- TRAFFIC CONTROL COVERING SIGNS
- TRAFFIC FLOW
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- TRAFFIC CONTROL ARROW BOARD
- TRAFFIC CONTROL FLEXIBLE TUBULAR MAKER POST AND BASE
- POST MOUNTED TRAFFIC CONTROL SIGNS
- TRAFFIC CONTROL SIGN MOUNTED ON TEMPORARY SUPPORT
- TRAFFIC CONTROL BARRICADE TYPE III WITH TWO TYPE A WARNING LIGHTS WITH/WITHOUT SIGN
- ETSR — EXISTING SIGN TO REMAIN
- PCMS — TRAFFIC CONTROL SIGNS PCMS
- PAVEMENT MARKING INSTALLED THIS STAGE
- PAVEMENT MARKING INSTALLED IN PREVIOUS STAGE
- TEMPORARY PEDESTRIAN BARRICADE
- TEMPORARY 16"X16" FLAGS (INCIDENTAL TO TRAFFIC CONTROL SIGNS)

TEMPORARY PAVEMENT MARKING LEGEND

- P — PERMANENT PAVEMENT MARKINGS (SEE PAVEMENT MARKING PLAN)
- SB — TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
- TM6 — TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH (BLACK)
- TM10 — TEMPORARY MARKING REMOVABLE MASK OUT TAPE 10-INCH (BLACK)
- TSB — TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH (WHITE)
- TW4 — TEMPORARY MARKING LINE REMOVABLE TABLE 4-INCH (WHITE)
- TW8 — TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- TWS — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE) (3' SKIP, 9' GAP)
- TY4 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- TYS — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW) (2' SKIP, 6' GAP)
- W4 — TEMPORARY MARKING LINE PAINT 4-INCH (WHITE)
- W8 — TEMPORARY MARKING LINE PAINT 8-INCH (WHITE)
- W12 — TEMPORARY MARKING LINE PAINT 12-INCH (WHITE)
- Y4 — TEMPORARY MARKING LINE PAINT 4-INCH (YELLOW)

2

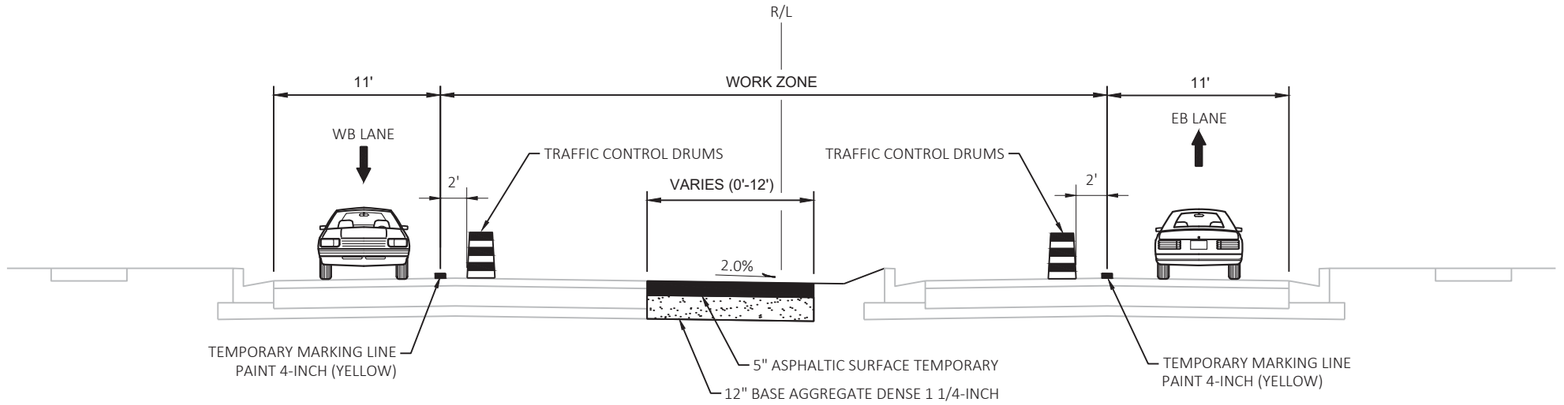


STAGE 1A TYPICAL SECTION - STH 50

CONSTRUCT TEMPORARY CROSS-OVERS
STA 984+23 - STA 990+14
STA 1071+38 - STA 1077+85

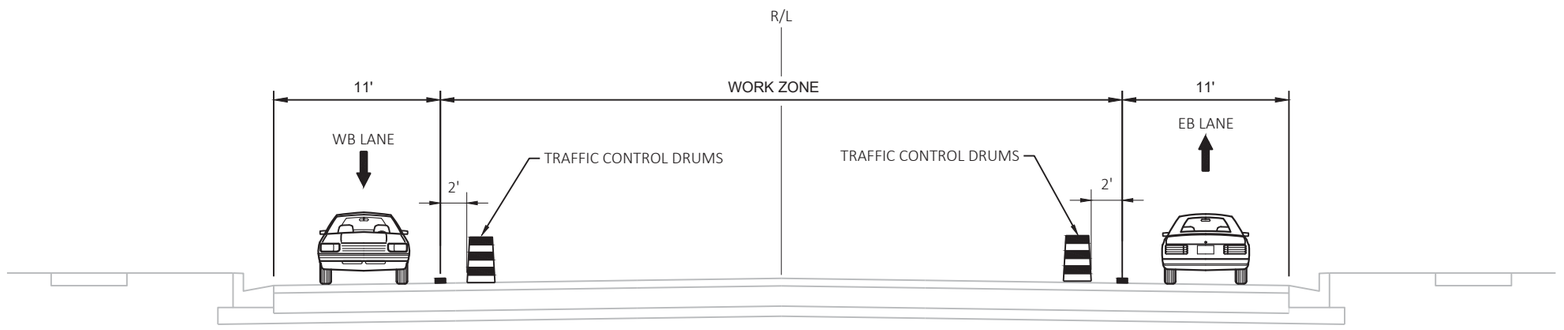
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 337	E

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LAYOUT NAME - 026001_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



STAGE 1B TYPICAL SECTION - STH 50

REMOVE RAISED MEDIAN PAVE ASPHALTIC TEMPORARY
STA 994+20 - STA 1012+59
STA 1047+69 - STA 1068+21



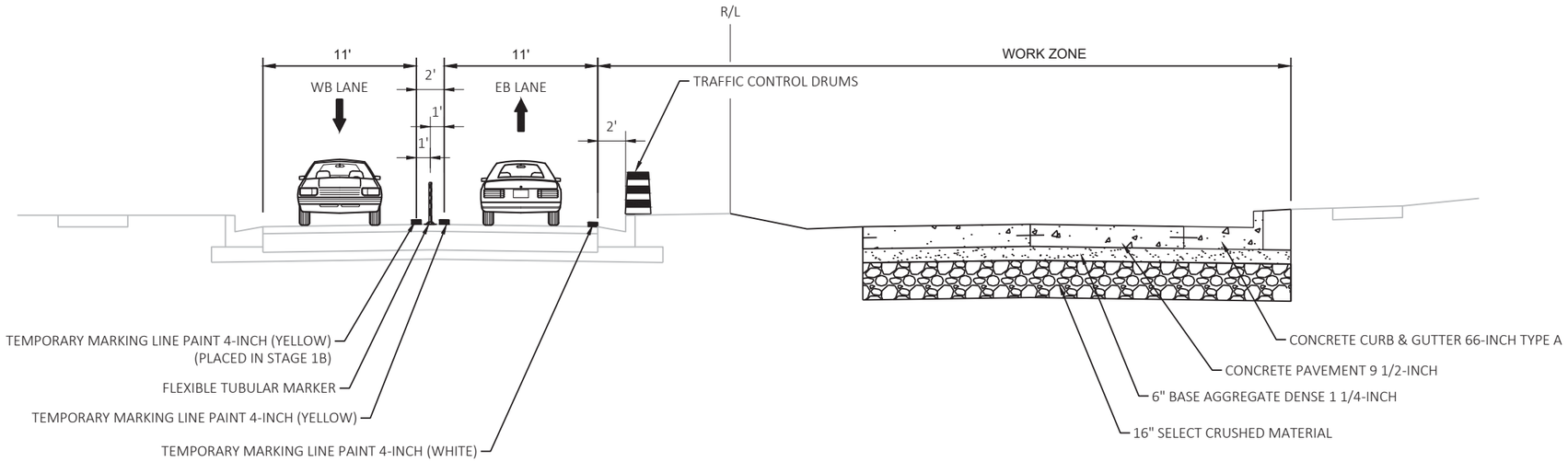
STAGE 1B TYPICAL SECTION - STH 50

STA 1012+59 - STA 1047+69

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 338	E

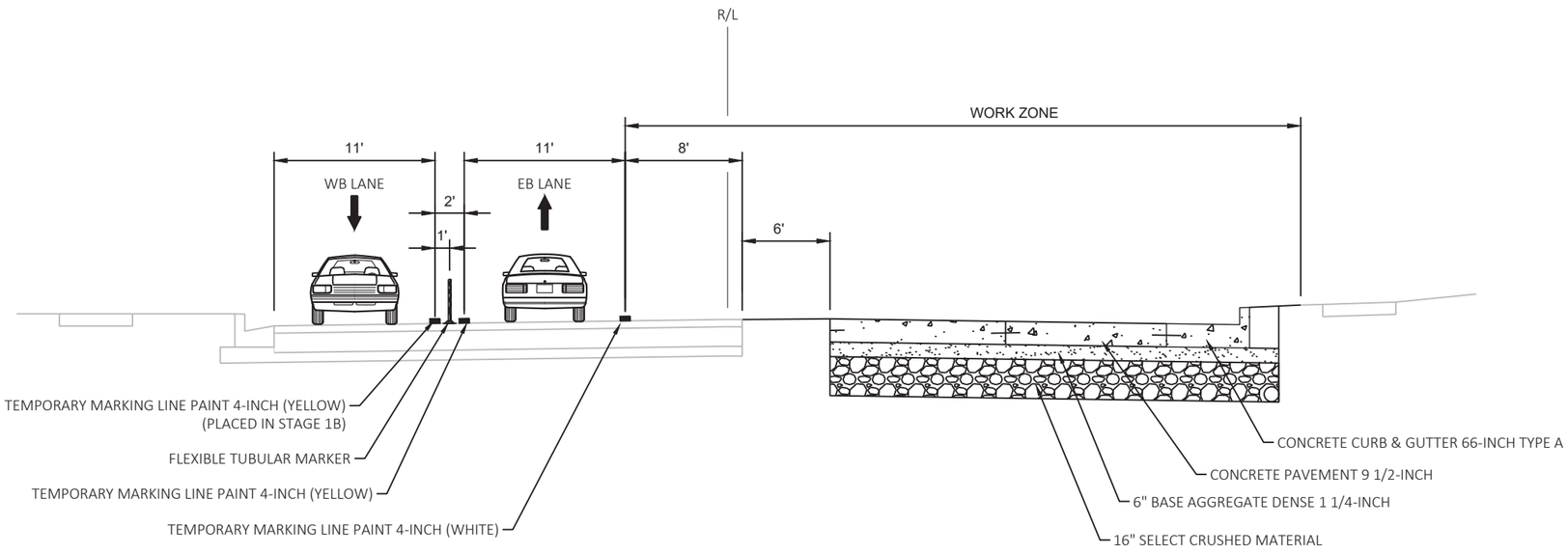
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PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



STAGE 2A/2B TYPICAL SECTION - STH 50

CONSTRUCT EASTBOUND LANES
STA 994+20 - STA 1012+59
STA 1047+69 - STA 1068+21



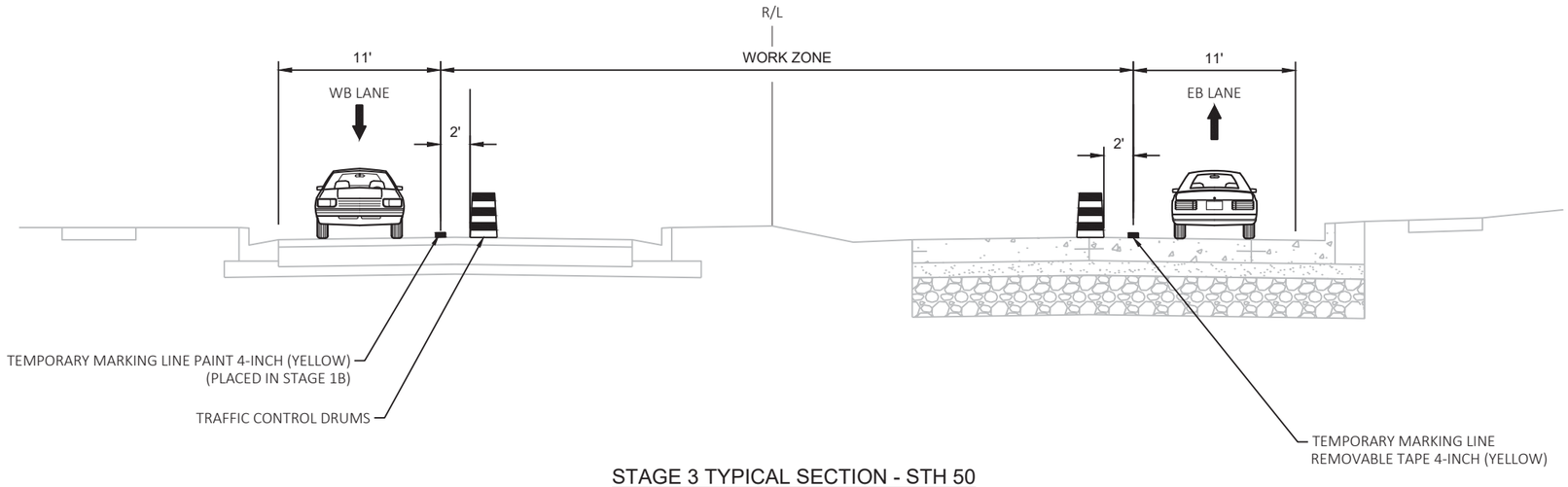
STAGE 2A/2B TYPICAL SECTION - STH 50

CONSTRUCT EASTBOUND LANES
STA 1012+59 - STA 1047+69

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 339	E

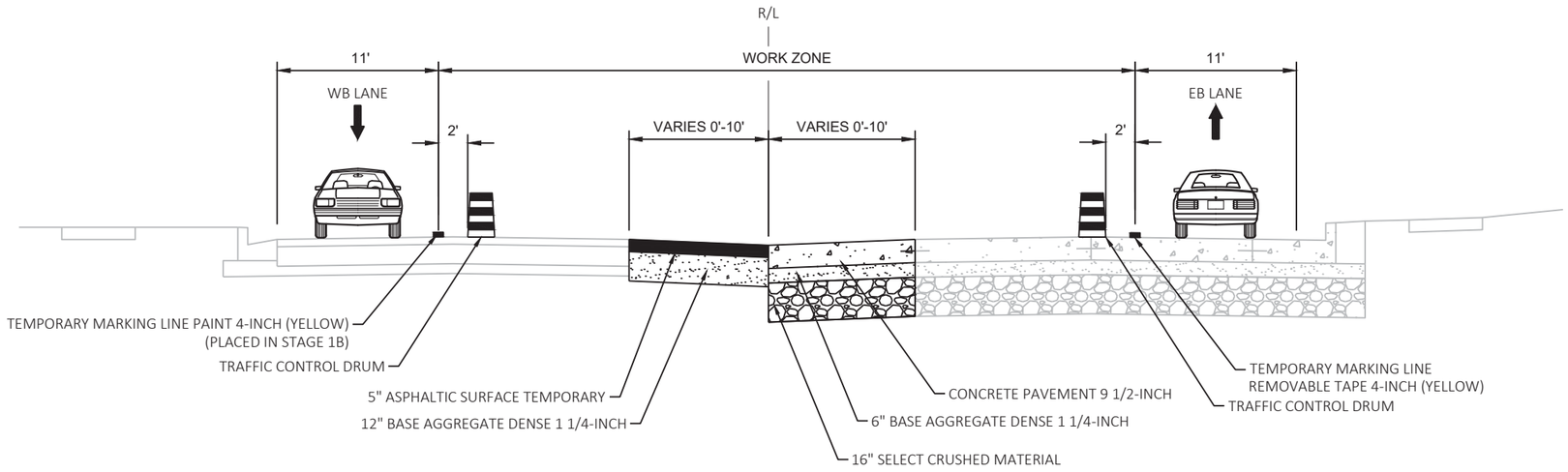
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026003_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



STAGE 3 TYPICAL SECTION - STH 50

STA 994+20 - STA 996+38
STA 1047+69 - STA 1068+21

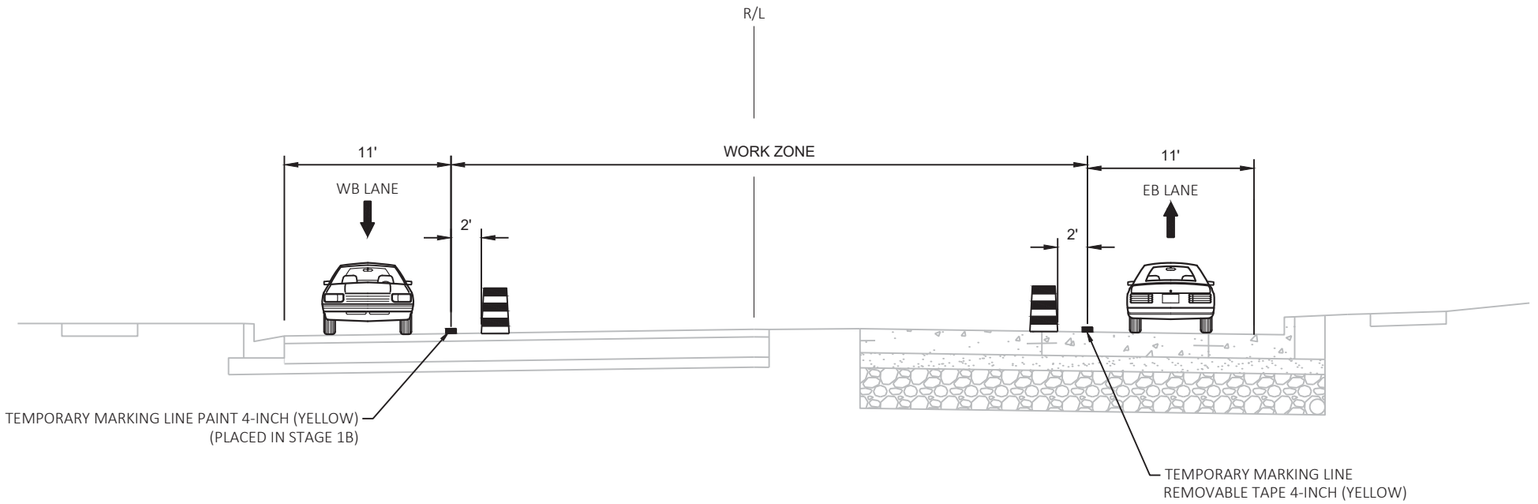


STAGE 3 TYPICAL SECTION - STH 50

CONSTRUCT EASTBOUND LEFT TURN LANES AND STAGE 4 TEMPORARY WIDENING
STA 996+38 - STA 1018+50

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 340	E

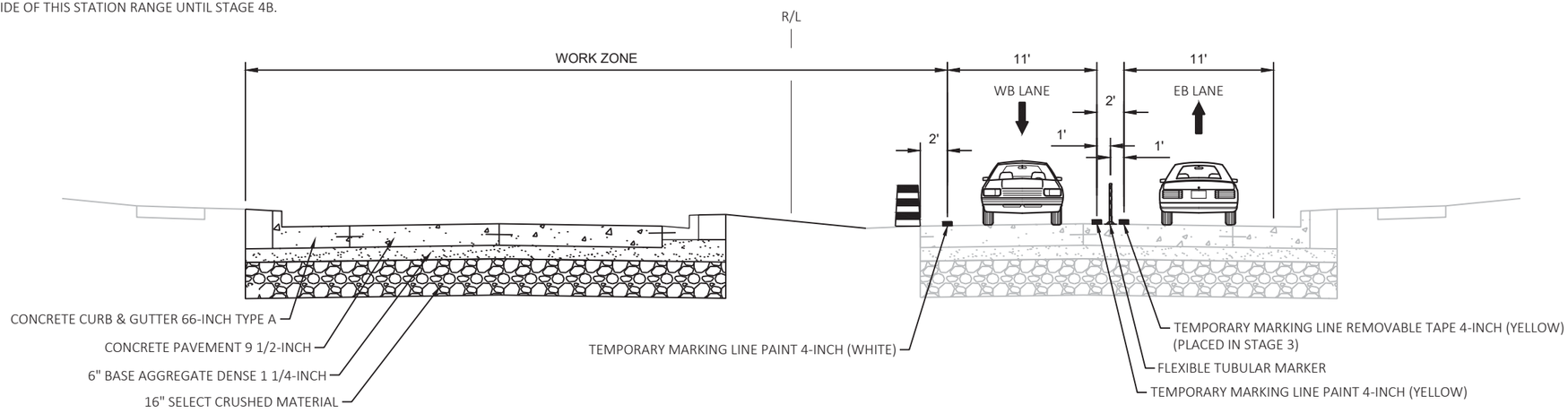
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026004_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



STAGE 3 TYPICAL SECTION - STH 50

STA 1012+59 - STA 1047+69

NOTE: CONSTRUCT WB LANES FROM STA 1003+67 TO STA 1006+65 IN STAGE 4A. EXISTING WB LANES TO REMAIN OUTSIDE OF THIS STATION RANGE UNTIL STAGE 4B.

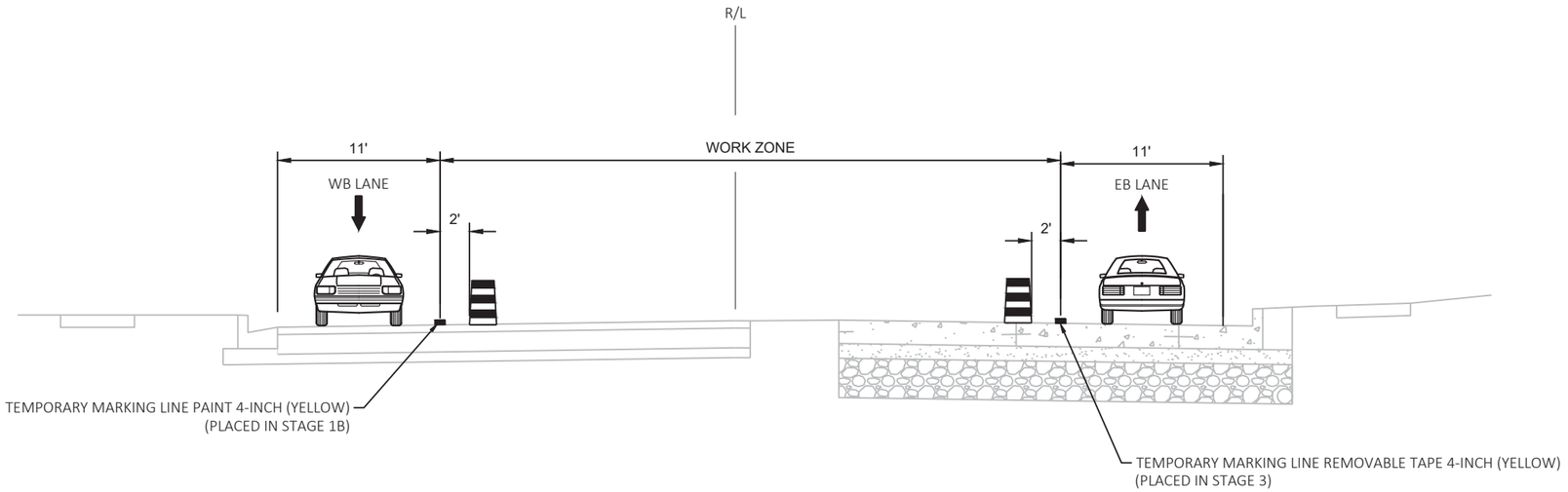


STAGE 4A/4B TYPICAL SECTION - STH 50

CONSTRUCT WB LANES AT STH 75/83 INTERSECTION
STA 994+20 - STA 1018+39

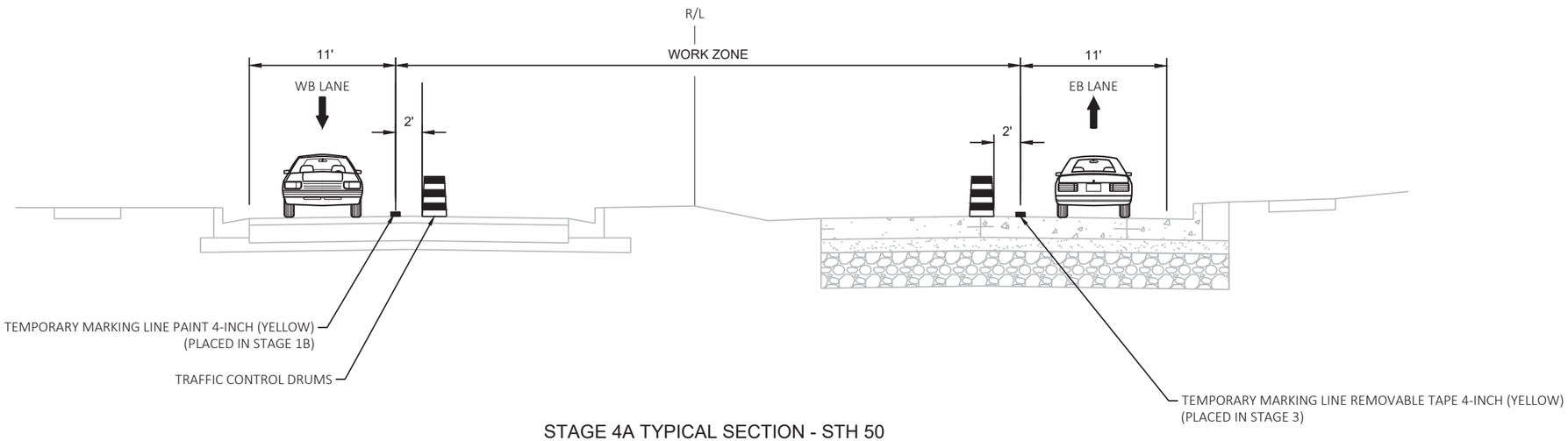
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 341	E

FILE NAME : T:\1182708.06\CIVIL3D\1310400\1310400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026005_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



STAGE 4A TYPICAL SECTION - STH 50

STA 1018+39 - STA 1047+69



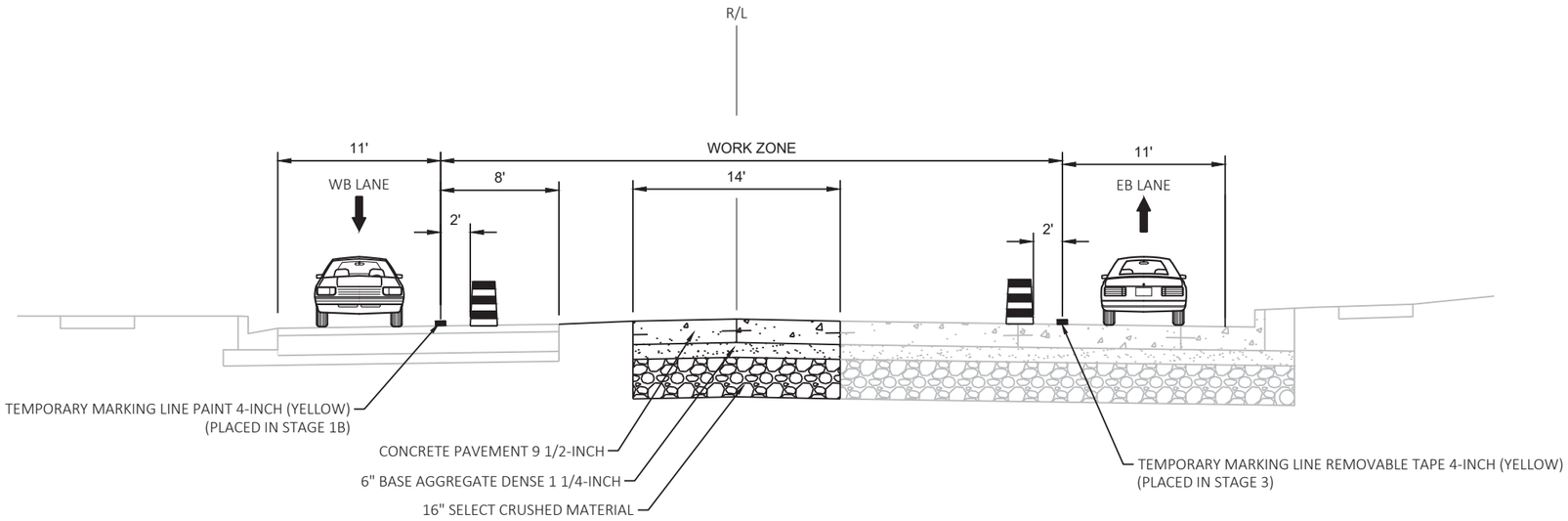
STAGE 4A TYPICAL SECTION - STH 50

STA 1047+69 - STA 1068+21

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 342	E

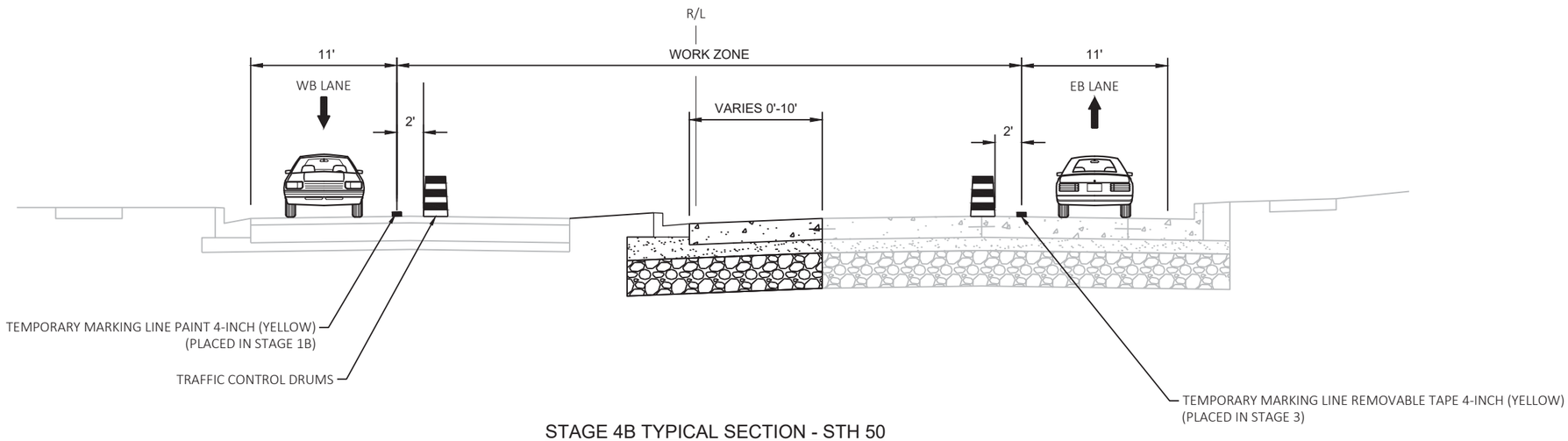
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026006_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



STAGE 4B TYPICAL SECTION - STH 50

STA 1012+59 - STA 1047+69

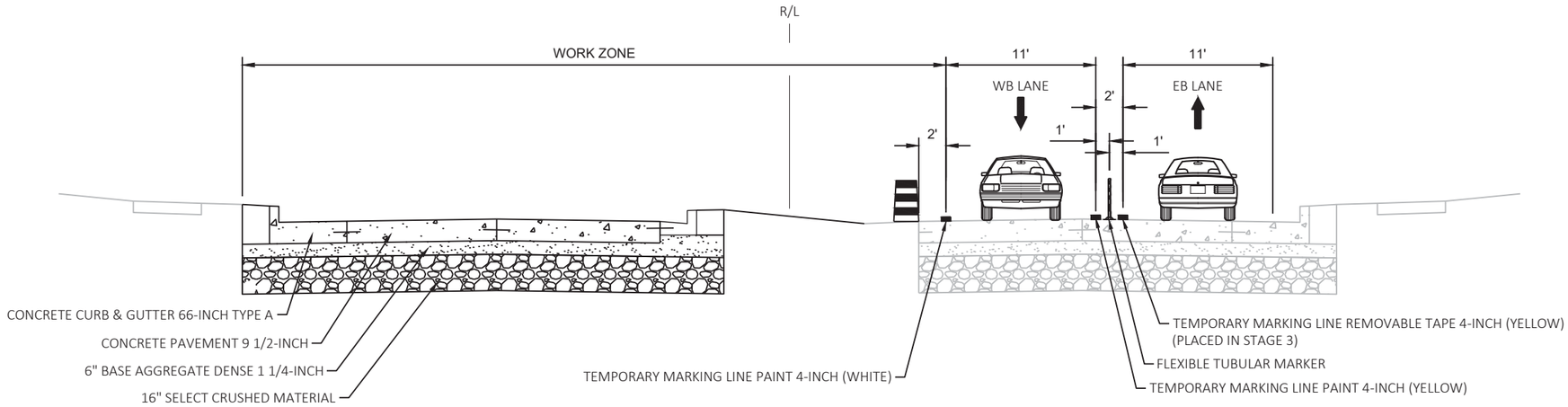


STAGE 4B TYPICAL SECTION - STH 50

STA 1047+69 - STA 1068+21

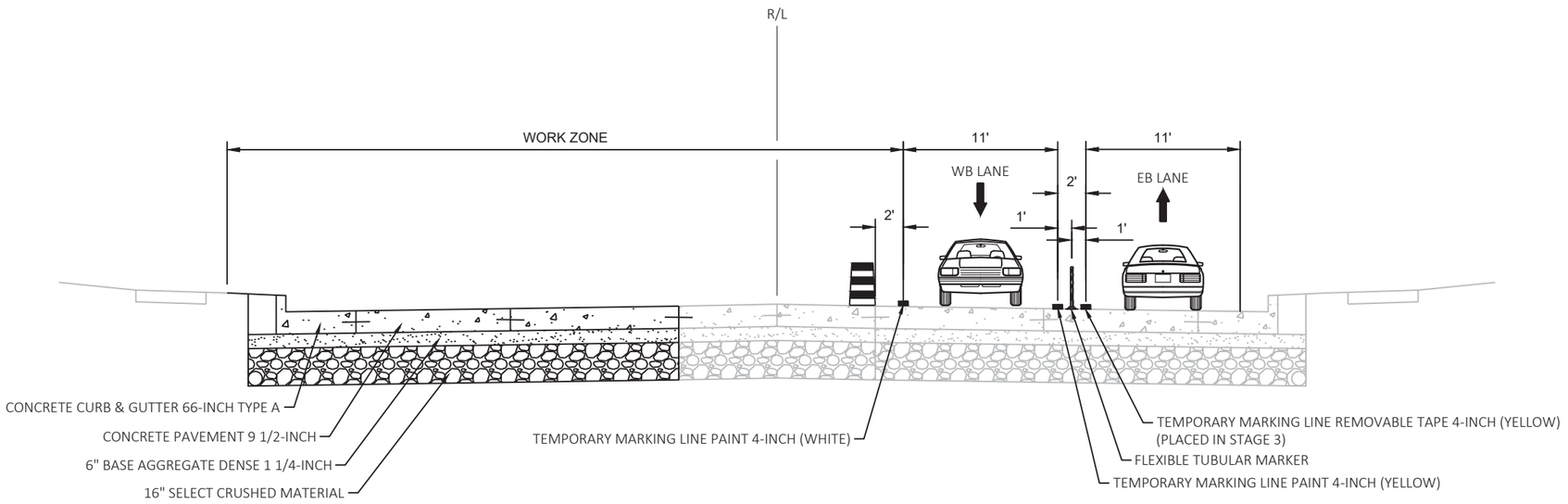
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 343	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026007_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42



STAGE 4C TYPICAL SECTION - STH 50

CONSTRUCT WB LANES
STA 994+20 - STA 1016+63
STA 1047+69 - STA 1068+21



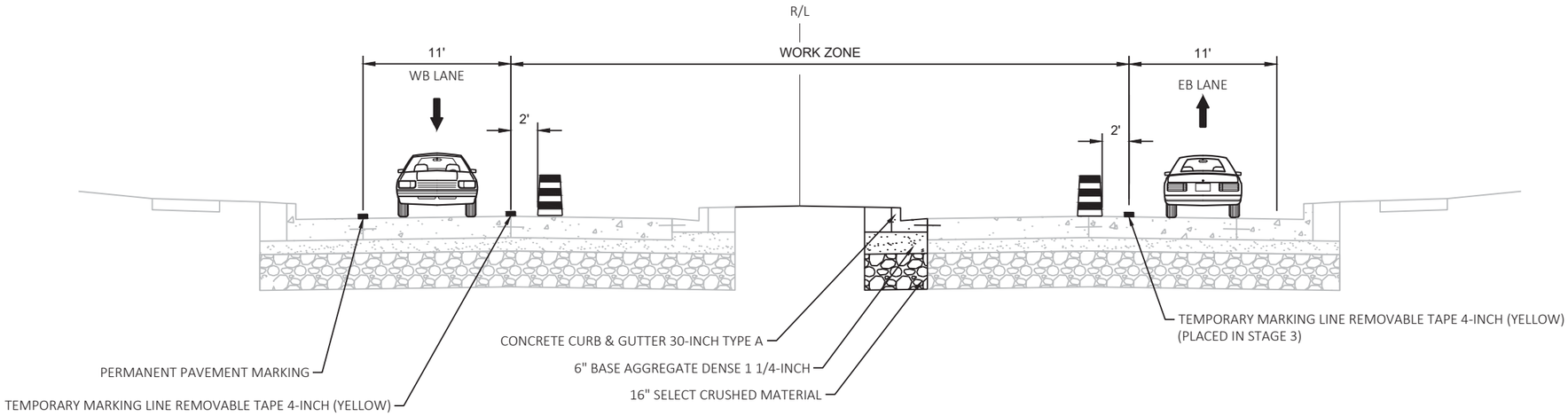
STAGE 4C TYPICAL SECTION - STH 50

STA 1016+63 - STA 1047+69

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 344	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026008_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

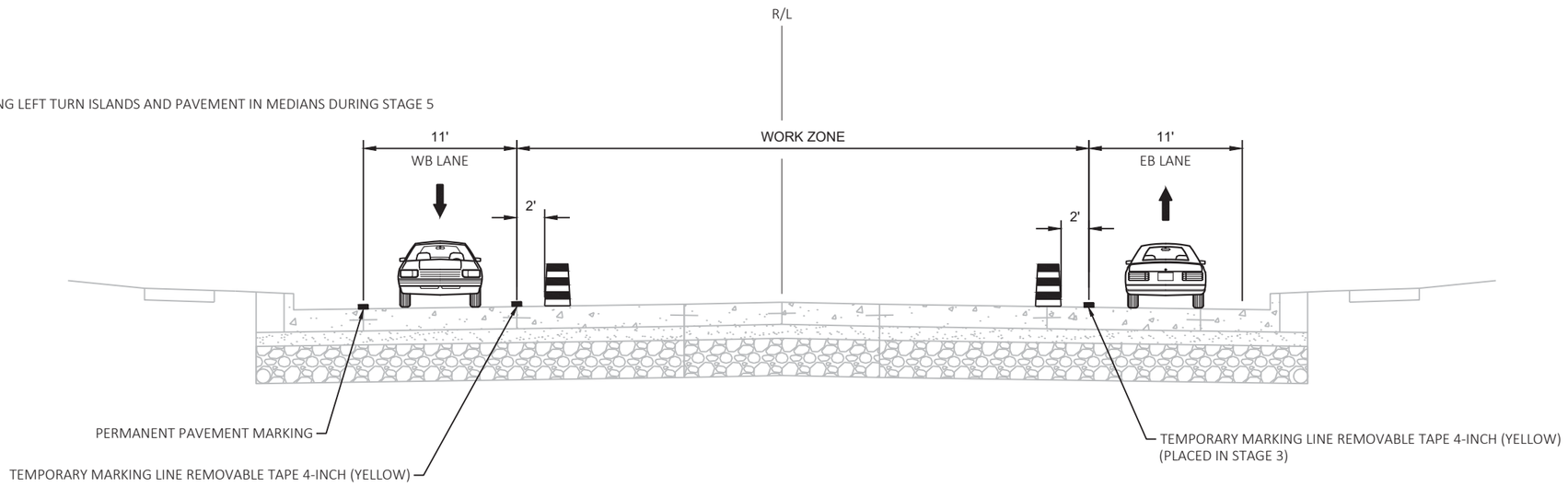
2



STAGE 5 TYPICAL SECTION - STH 50

CONSTRUCT LEFT TURN LANES AND MEDIAN
STA 994+20 - STA 1016+63
STA 1047+69 - STA 1068+21

NOTE: CONSTRUCT REMAINING LEFT TURN ISLANDS AND PAVEMENT IN MEDIANS DURING STAGE 5



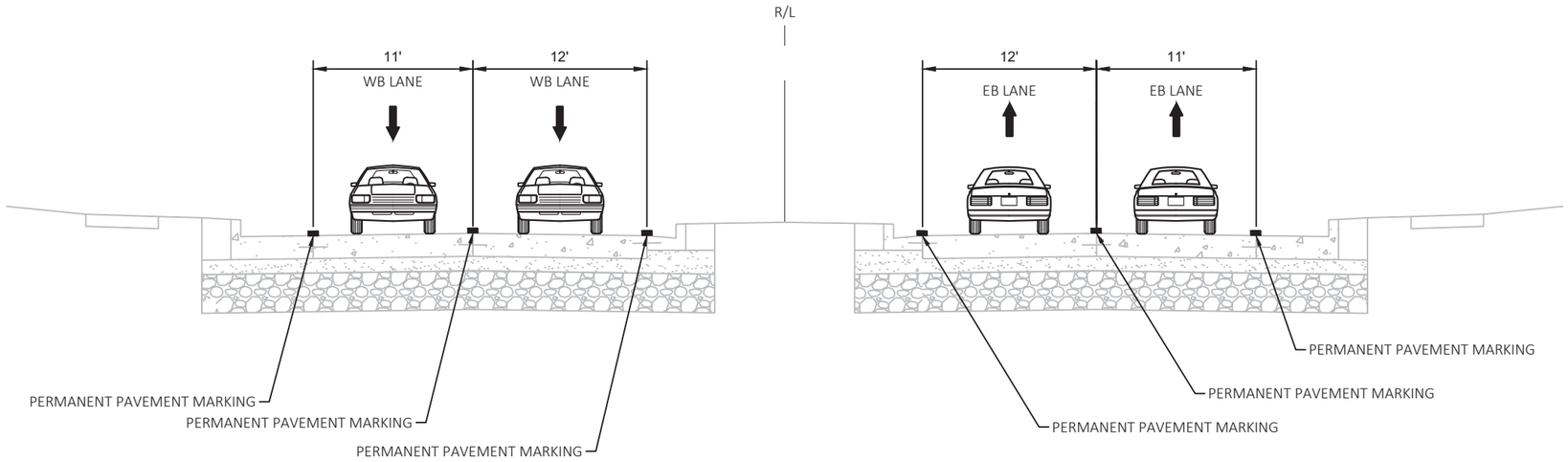
STAGE 5 TYPICAL SECTION - STH 50

STA 1016+63 - STA 1047+69

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 345	E

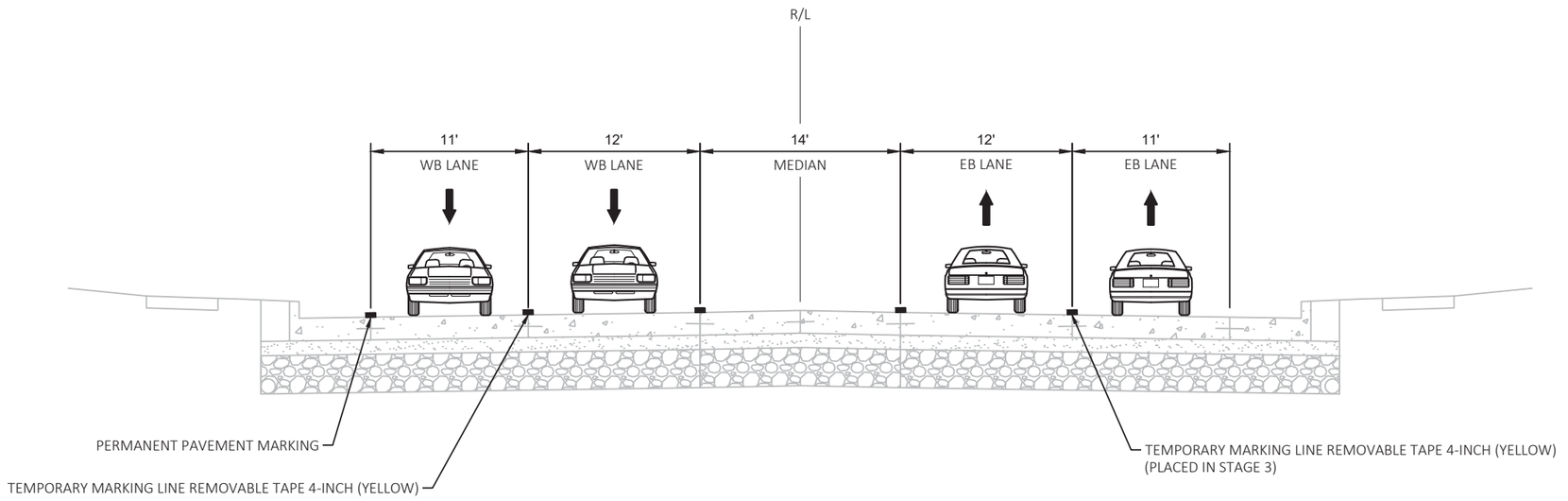
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026009_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2



STAGE 6 TYPICAL SECTION - STH 50

CONSTRUCT PORKCHOP ISLANDS
STA 994+20 - STA 1016+63
STA 1047+69 - STA 1068+21



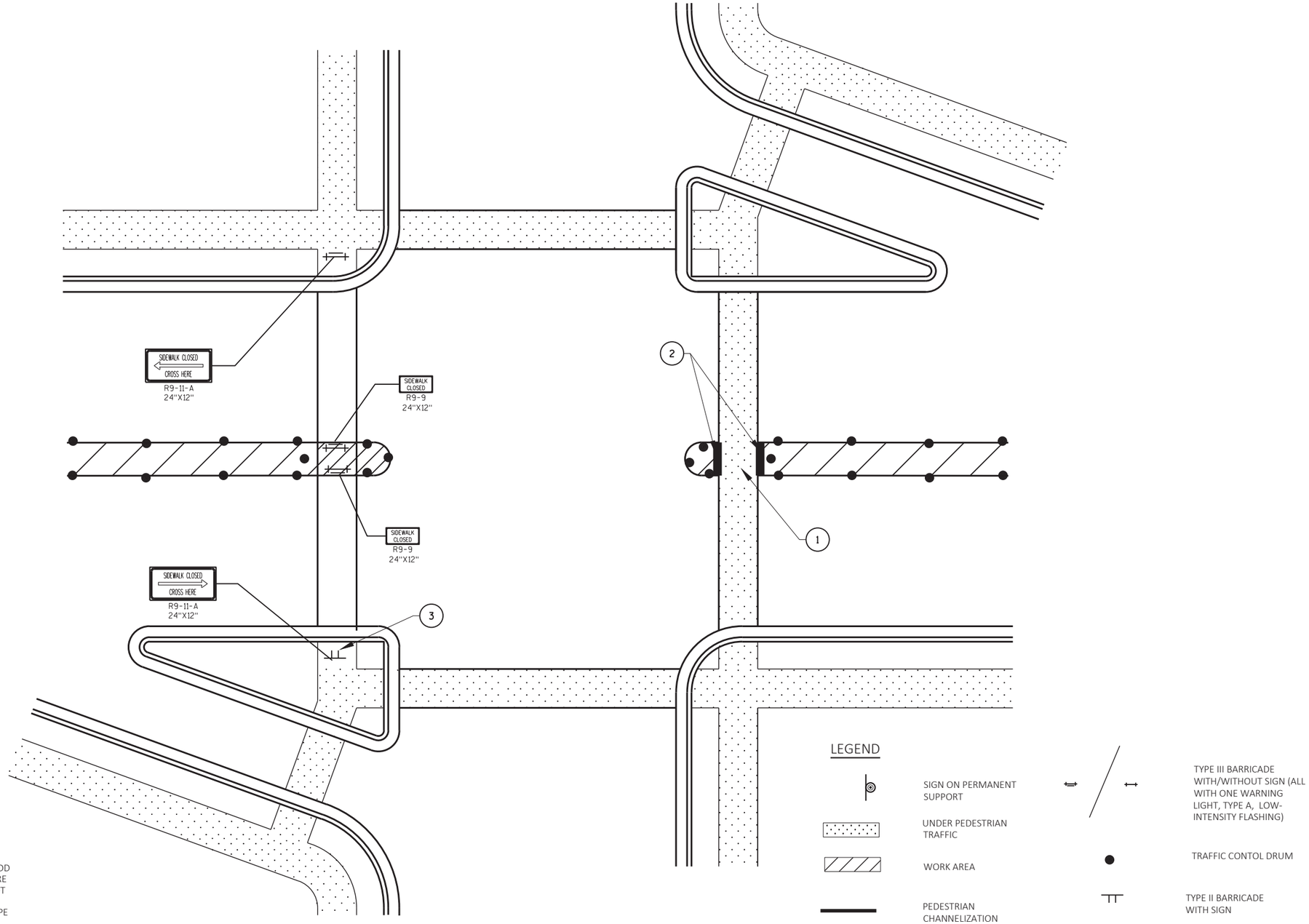
STAGE 6 TYPICAL SECTION - STH 50

STA 1016+63 - STA 1047+69

SHEET 11 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL TYPICAL SECTIONS	SHEET 346	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026000_TC.DWG
LAYOUT NAME - 026010_ts
PLOT DATE : 7/30/2021 11:06 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : ##########



1. PROVIDE ACCESSIBLE FACILITY THROUGH WORK ZONE USING EXISTING PAVEMENT, PROPOSED SIDEWALK, OR TEMPORARY PEDESTRIAN SURFACE.
2. TEMPORARY PEDESTRIAN BARRICADES ARE REQUIRED WHEN CONSTRUCTION ACTIVITIES OR DROP OFFS OCCUR WITHIN 4 FEET OF THE EDGE OF THE PEDESTRIAN ACCESS ROUTE. SEE SDD TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION FOR MORE DETAILS. CONCRETE BARRIER TEMPORARY PRECAST SHALL NOT BE USED.
3. USE TYPE III BARRICADES FOR SIGNS WHEN POSSIBLE. USE TYPE II BARRICADES WHEN TYPE III BARRICADE WOULD CREATE A SIGHT DISTANCE HAZARD FOR DRIVERS.

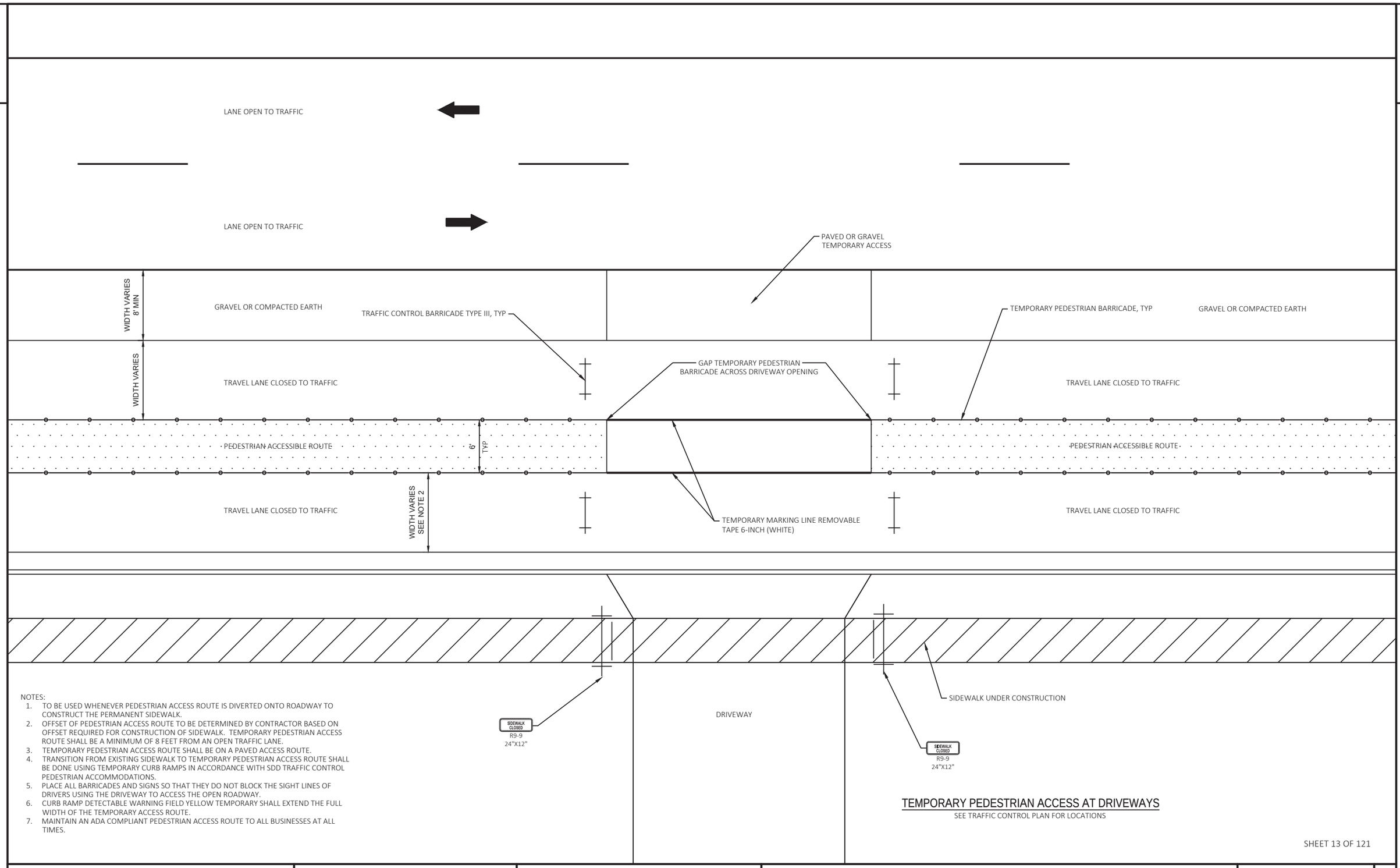
MEDIAN SIDEWALK CLOSURE DETAIL

FOR USE ON ALL DIVIDED HIGHWAY CROSSINGS

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL DETAILS	SHEET 347	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026100A-TC DETAILS.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:06 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:0.5 FT
WISDOT/CADDS SHEET 42

2



NOTES:

1. TO BE USED WHENEVER PEDESTRIAN ACCESS ROUTE IS DIVERTED ONTO ROADWAY TO CONSTRUCT THE PERMANENT SIDEWALK.
2. OFFSET OF PEDESTRIAN ACCESS ROUTE TO BE DETERMINED BY CONTRACTOR BASED ON OFFSET REQUIRED FOR CONSTRUCTION OF SIDEWALK. TEMPORARY PEDESTRIAN ACCESS ROUTE SHALL BE A MINIMUM OF 8 FEET FROM AN OPEN TRAFFIC LANE.
3. TEMPORARY PEDESTRIAN ACCESS ROUTE SHALL BE ON A PAVED ACCESS ROUTE.
4. TRANSITION FROM EXISTING SIDEWALK TO TEMPORARY PEDESTRIAN ACCESS ROUTE SHALL BE DONE USING TEMPORARY CURB RAMPS IN ACCORDANCE WITH SDD TRAFFIC CONTROL PEDESTRIAN ACCOMMODATIONS.
5. PLACE ALL BARRICADES AND SIGNS SO THAT THEY DO NOT BLOCK THE SIGHT LINES OF DRIVERS USING THE DRIVEWAY TO ACCESS THE OPEN ROADWAY.
6. CURB RAMP DETECTABLE WARNING FIELD YELLOW TEMPORARY SHALL EXTEND THE FULL WIDTH OF THE TEMPORARY ACCESS ROUTE.
7. MAINTAIN AN ADA COMPLIANT PEDESTRIAN ACCESS ROUTE TO ALL BUSINESSES AT ALL TIMES.

TEMPORARY PEDESTRIAN ACCESS AT DRIVEWAYS

SEE TRAFFIC CONTROL PLAN FOR LOCATIONS

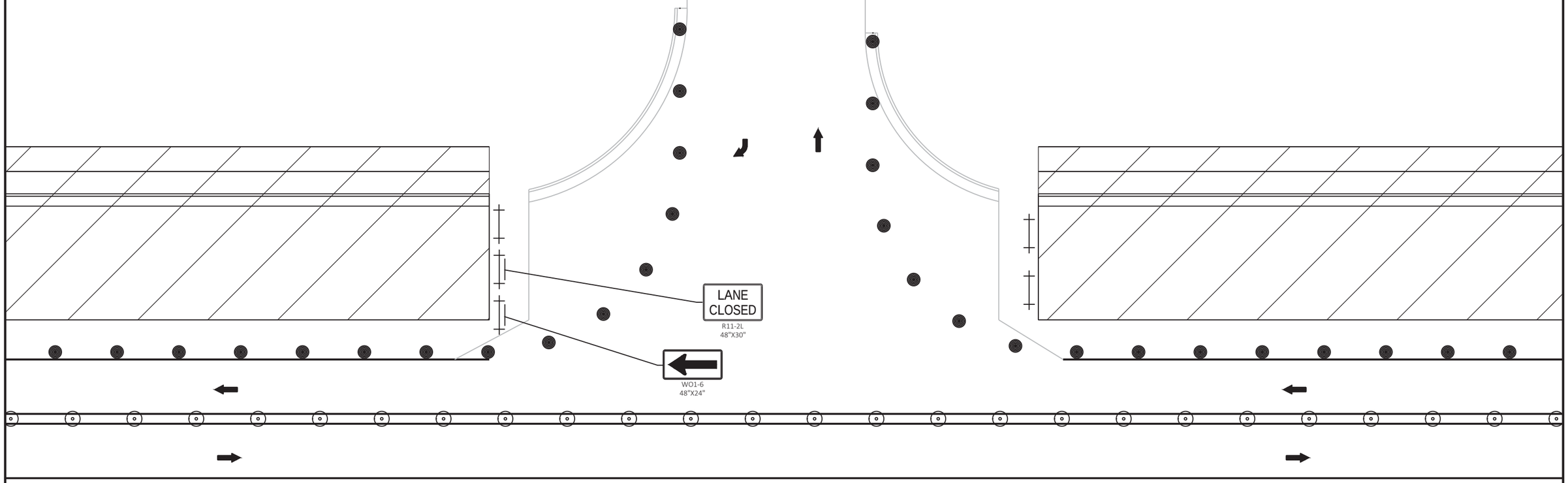
SHEET 13 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL DETAILS	SHEET 348	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026100B-TC DETAILS.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:06 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

NOTES:
1. GAP CONSTRUCTION THROUGH INTERSECTION WHEN INTERSECTION IS OPEN TO TRAFFIC.
2. TRAFFIC SHALL BE ON A PAVED SURFACE AT ALL TIMES UNLESS OTHERWISE APPROVED BY THE ENGINEER.
3. SEE TRAFFIC CONTROL PLANS AND SPECIAL PROVISIONS FOR INTERSECTION CLOSURE RESTRICTIONS.

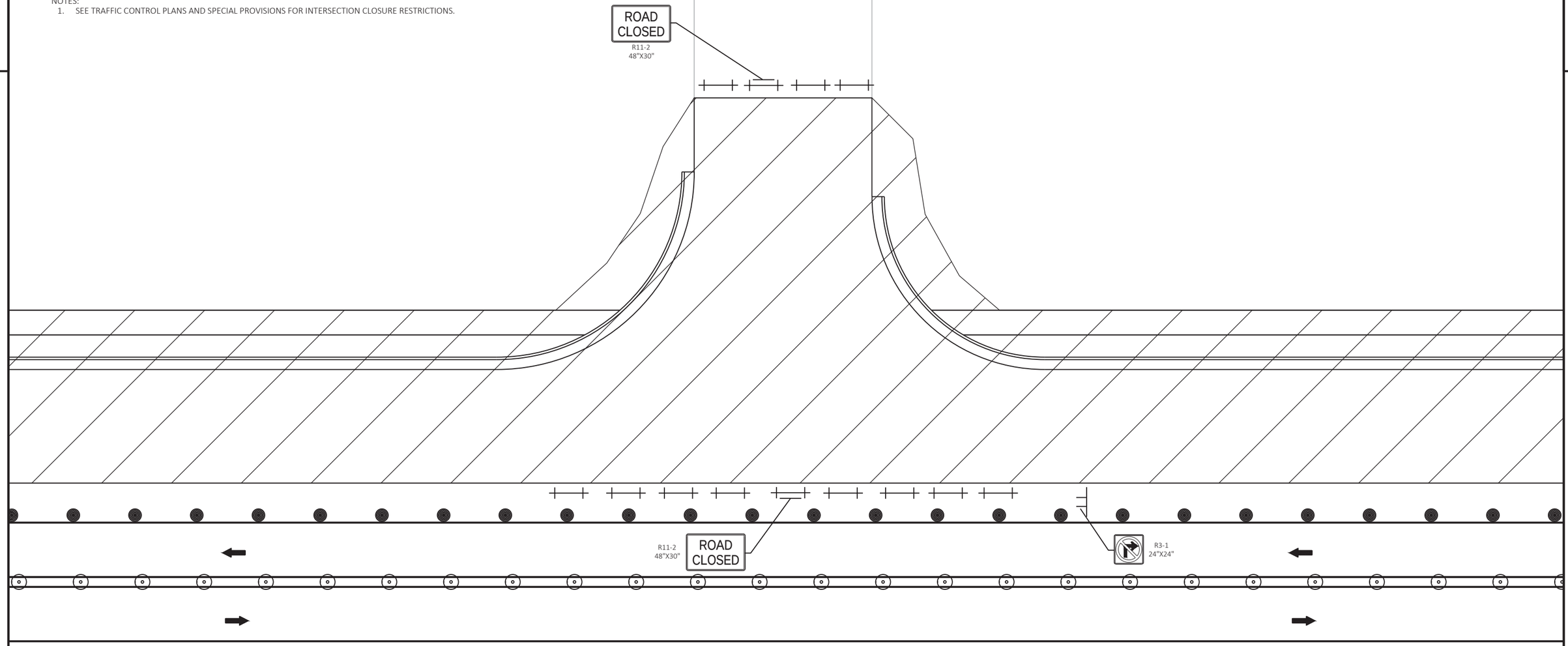


TYPICAL MINOR SIDEROAD INTERSECTION WHILE OPEN TO TRAFFIC

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL DETAILS	SHEET 349	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026100C-TC DETAILS.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:06 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

NOTES:
1. SEE TRAFFIC CONTROL PLANS AND SPECIAL PROVISIONS FOR INTERSECTION CLOSURE RESTRICTIONS.



TYPICAL MINOR SIDEROAD INTERSECTION WHILE CLOSED TO TRAFFIC

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL DETAILS	SHEET 350	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026100C-TC DETAILS.DWG
LAYOUT NAME - 02
PLOT DATE : 7/30/2021 11:06 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2

TRAFFIC CONTROL NOTES - STAGE 1A

CONSTRUCTION:

- TEMPORARY TRAFFIC SIGNALS (PRIOR TO OTHER STAGE 1 WORK)
- STH 50 TEMPORARY CROSSOVERS IN STH 50 MEDIAN

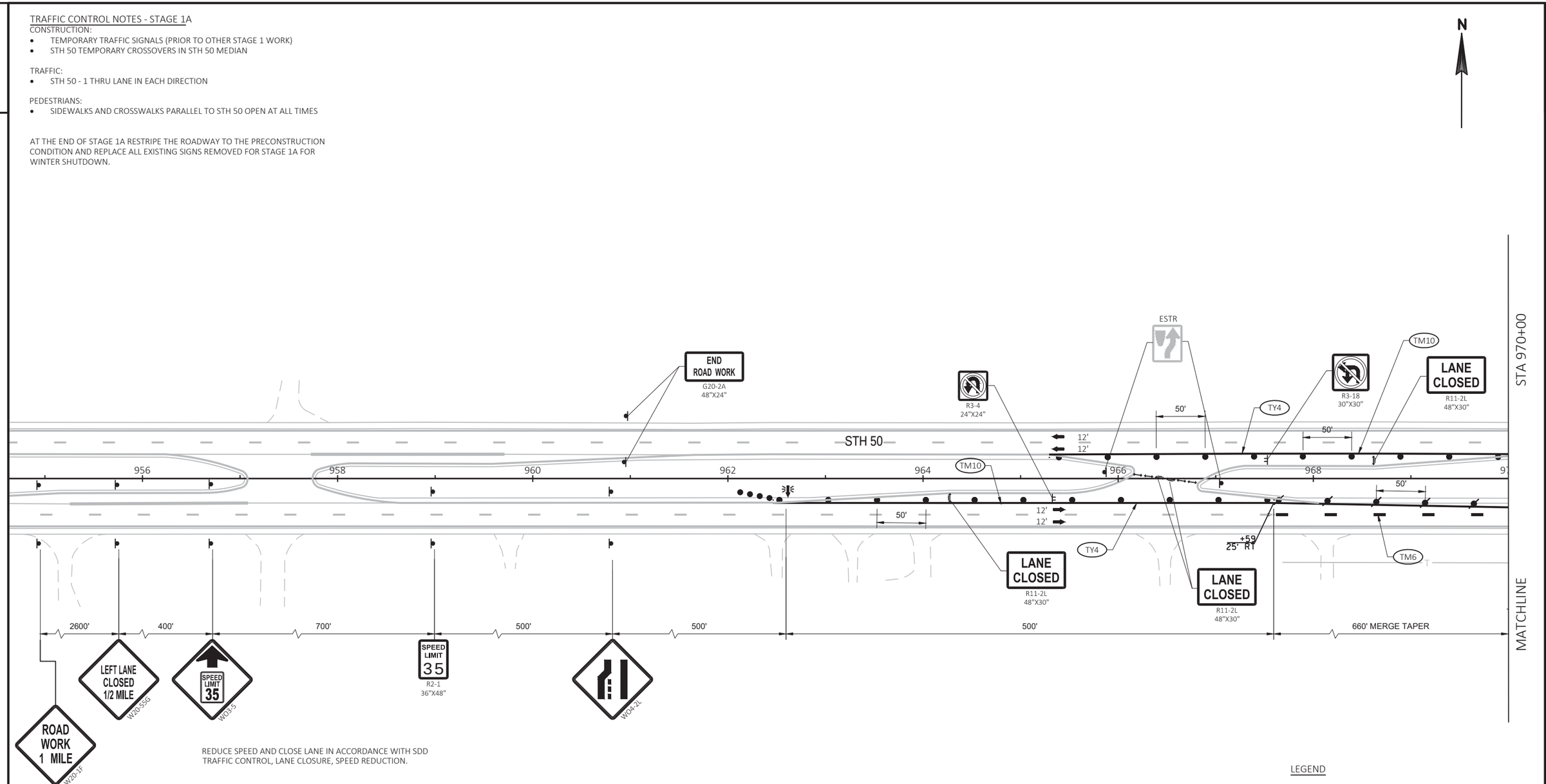
TRAFFIC:

- STH 50 - 1 THRU LANE IN EACH DIRECTION

PEDESTRIANS:

- SIDEWALKS AND CROSSWALKS PARALLEL TO STH 50 OPEN AT ALL TIMES

AT THE END OF STAGE 1A RESTRIPE THE ROADWAY TO THE PRECONSTRUCTION CONDITION AND REPLACE ALL EXISTING SIGNS REMOVED FOR STAGE 1A FOR WINTER SHUTDOWN.



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 16 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 351	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:06 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

N

MATCHLINE

STA 970+00

STA 985+00

STH 50

50'

12'

12'

970

972

974

976

978

980

982

984

TM6

50'

12'

+19
37' RT

R3-4
24"X24"

600' MERGE TAPER

LANE CLOSED
R11-2L
48"X30"

ESTR

TY4

R3-18
30"X30"

COVER SIGN
SPEED LIMIT
55

LANE CLOSED
R11-2L
48"X30"

ESTR
WEST NORTH
50 83

TM6

100'

+36
25' LT

+36
37' LT

37' R

12'

53' R

30' R

12'

ESTR
ONE WAY

ESTR

TM6

ESTR
DO NOT ENTER

TW8

100'

+59
25' LT

TM6

100'
TURN BAY TAPER

TY4

+58
37' LT

12'
11'

12'

TY4

ESTR
WRONG WAY

COVER SIGN
SPEED LIMIT
35

ESTR
DO NOT ENTER

ESTR

TM6

TY4

ESTR
EAST SOUTH
50 83

200'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

261ST ST

SEE WEST CROSSOVER PLAN DETAIL
FOR CROSSOVER LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 17 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 352	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

STA 985+00

STA 1000+00

MATCHLINE

MATCHLINE

COVER SIGN

SPEED LIMIT 35

SEE WEST CROSSOVER PLAN DETAIL FOR LAYOUT INFORMATION

TY4

50'

11'

ESTR

+39
28' LT

245' MERGE TAPER

25'

TM6

+84
11' LT

CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY.

ESTR SPEED LIMIT 35

W04-2L

ESTR

ESTR COUNTY F

ESTR

986

988

990

992

994

996

998

1000

12'

12'

12'

12'

12'

50'

+35
27' RT

+34
13' RT

TM6

100'

STH 50

TY4

ESTR SPEED LIMIT 35

R2-1
24"X30"

SEE WEST CROSSOVER PLAN DETAIL FOR LAYOUT INFORMATION

ESTR JCT 75

JCT 75

M2-1
21"X15"

M1-6
24"X24"

ESTR JCT COUNTY F

ESTR

ESTR SPEED LIMIT 35

ESTR NORTH EAST SOUTH 75 50 83 USE RIGHT LANE

END ROAD WORK
G20-2A
48"X24"

ESTR PADDOCK LAKE POPULATION 2922

ESTR COUNTY F

ESTR ALTERNATE NORTH 41 ALTERNATE WEST 94

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

CTH F

CTH F R/L

350

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 18 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 353	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

STA 1000+00

MATCHLINE

STH 50

STH 75

STH 83

ALL SIGNS ON STH 75 TO REMAIN DURING STAGE 1A

ALL SIGNS ON STH 50 EAST OF STH 75 TO REMAIN DURING STAGE 1A

ALL SIGNS ON STH 83 TO REMAIN DURING STAGE 1A

ESTR WEST 50 NORTH 83

ESTR JCT COUNTY F

ROAD WORK AHEAD W20-1A

ESTR SPEED LIMIT 35

LEFT LANE CLOSED AHEAD W20-5A

ESTR NO PARKING ANY TIME

ESTR DO NOT ENTER

ESTR NORTH 75

ESTR ALTERNATE NORTH 41 ALTERNATE WEST 94

ESTR SOUTH 83

SHEET 19 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 354	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

SIGNS WEST OF STA 1054+00 NOT SHOWN TO REMAIN IN STAGE 1A

74TH PL

242ND AVE

STH 50

1045+00.00

1046 1048 1050 1052 1054 1056 1058

STA 1060+00

MATCHLINE

ESTR SPEED LIMIT 35

ESTR SPEED LIMIT 35

ROAD WORK AHEAD W20-1A

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 20 OF 121

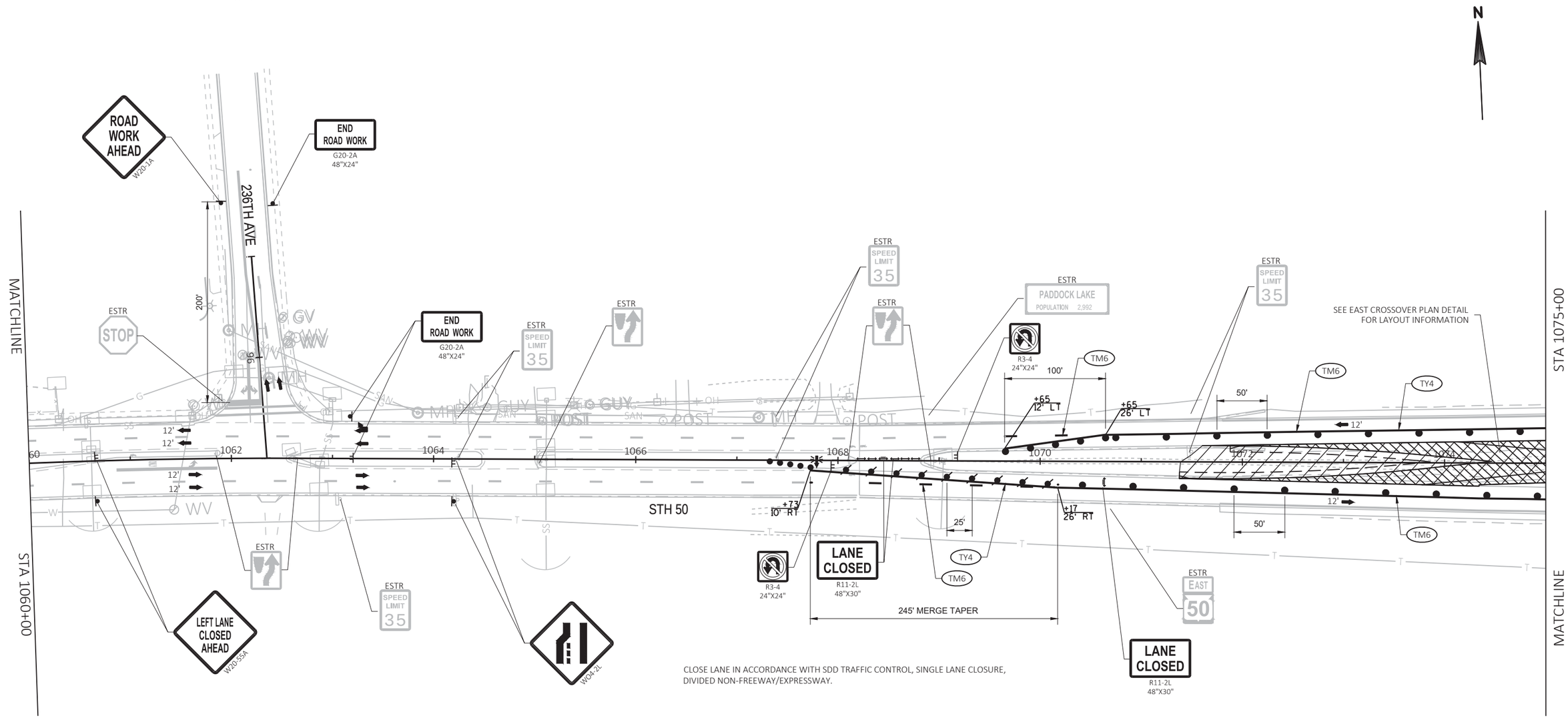
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 355	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, SINGLE LANE CLOSURE, DIVIDED NON-FREEWAY/EXPRESSWAY.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 21 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 356	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 08

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

STA 1075+00

LANE CLOSED
R11-2L
48"X30"

SEE EAST CROSSOVER DETAIL FOR LAYOUT INFORMATION

615' BUFFER SPACE

660' MERGE TAPER

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

TY4

TM6

50'

12'

LANE CLOSED
R11-2L
48"X30"

TM6

1076

1078

12'

12'

12'

12'

TM6

TY4

50'

TM6

100'

STH 50

MATCHLINE

COVER SIGN
SPEED LIMIT
55

R3-4
24"X24"

ESTR

ESTR
HWY 45 2
HWY 94 7
KENOSHA 11

LANE CLOSED
R11-2L
48"X30"

TM10

MATCHLINE

A

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 22 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 357	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 09

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

660'
MERGE TAPER

500'

500'

W04-2L

500'

SPEED LIMIT 35
R2-1
48"X60"

700'

SPEED LIMIT 35
W03-5

400'

RIGHT LANE CLOSED 1/2 MILE
W20-5G

2600'

ROAD WORK 1 MILE
W20-1F

A

ESTR

R3-4
24"X24"

TM10

50'

TY4

12'
12'

TM10

STH 50

12'
12'

MATCHLINE

TY4

R3-4
24"X24"

ESTR

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 23 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1A	SHEET 358	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1A.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

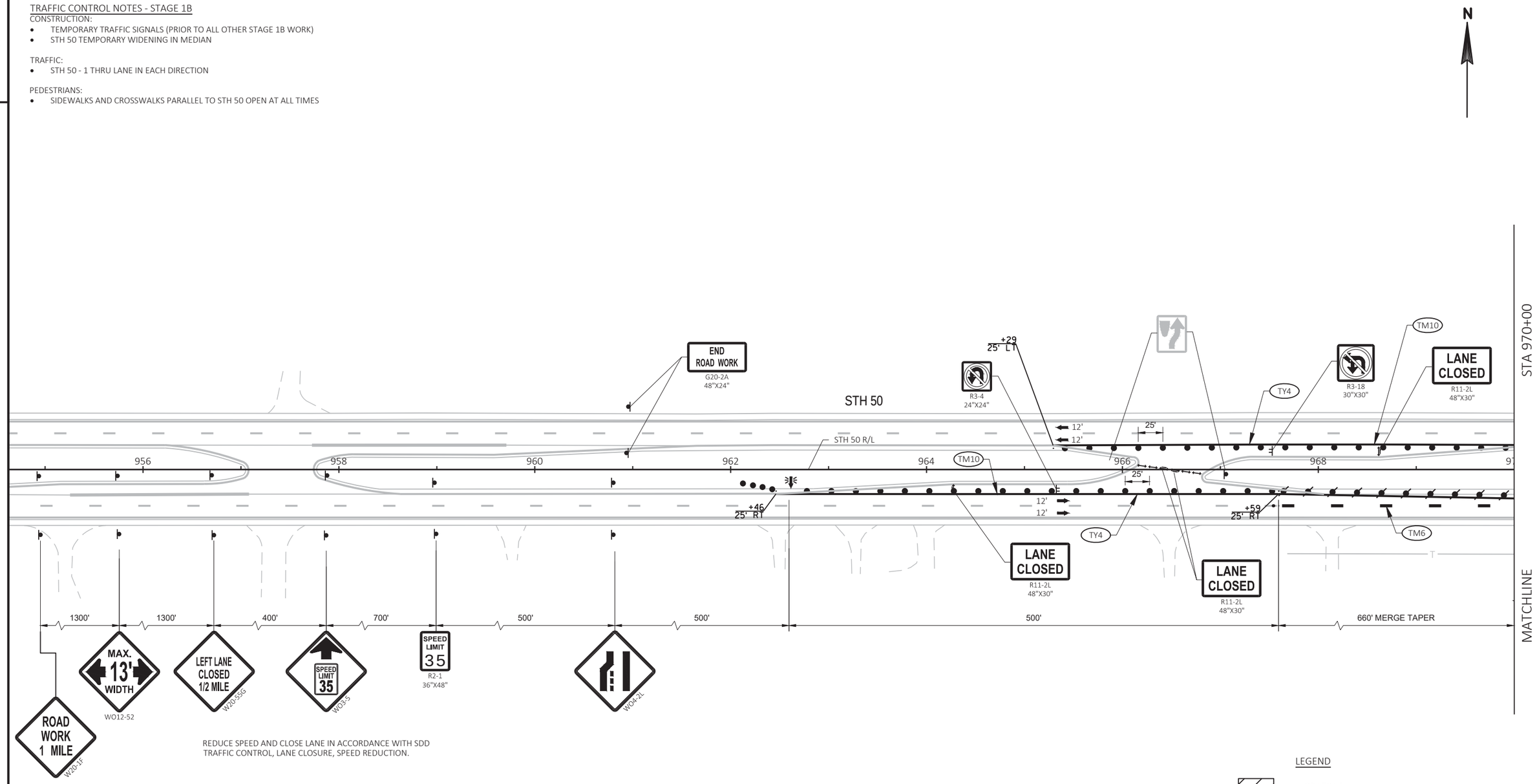
WISDOT/CADDS SHEET 42

TRAFFIC CONTROL NOTES - STAGE 1B

CONSTRUCTION:
- TEMPORARY TRAFFIC SIGNALS (PRIOR TO ALL OTHER STAGE 1B WORK)
- STH 50 TEMPORARY WIDENING IN MEDIAN

TRAFFIC:
- STH 50 - 1 THRU LANE IN EACH DIRECTION

PEDESTRIANS:
- SIDEWALKS AND CROSSWALKS PARALLEL TO STH 50 OPEN AT ALL TIMES



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 24 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 359	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:07 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

N

MATCHLINE

STA 970+00

STA 985+00

MATCHLINE

STH 50

STH 50 R/L

12'
12'

25'

970 972 974 976 978 980 982 984

600' MERGE TAPER

TM6

TM10

TY4

ESTR

COVER SIGN
SPEED LIMIT 55

R3-18
30"X30"

LANE CLOSED
R11-2L
48"X30"

ESTR
WEST NORTH
50 83

R3-4
24"X24"

+19
37' RT

+10
37' RT

+39
37' RT

ESTR
WRONG WAY

COVER SIGN
SPEED LIMIT 35

ESTR
DO NOT ENTER

ESTR
ONE WAY

WO1-6
48"X24"

ESTR
EAST SOUTH
50 83

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

261ST ST

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 25 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 360	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:07 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

STA 985+00

STA 1000+00

MATCHLINE

MATCHLINE

COVER SIGN

SPEED LIMIT 35

ESTR

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

R3-18
30"X30"

TY4

+12
13' LT

STH 50 R/L

STH 50

TM6

+21
23' LT

100'

+20
10' LT

Y4

12'
12'

12'

ESTR
SPEED LIMIT 35

ASPHALTIC SURFACE TEMPORARY

WO1-6
48"X24"

+39
10' LT

+71
23' LT

+69
6' RT

48' R

+74
13' LT

11'

+46
1' LT

BOTH INLETS
REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING
WITH 2'X2' ADJUSTMENT RINGS

ASPHALTIC SURFACE TEMPORARY

+71
23' LT

ESTR

ESTR
COUNTY F

+76
22' RT

+72
22' RT

WO1-6
48"X24"

CTH F R/L

CTH F

350

25'

25'

986

988

990

992

994

996

998

SPEED LIMIT 35
R2-1
24"X30"

ESTR
SPEED LIMIT 35

R3-18
30"X30"

ESTR
JCT 75

JCT 75
M1-6
24"X24"

M2-1
21"X15"

ESTR
JCT
COUNTY F

ESTR

ESTR
SPEED LIMIT 35

ESTR
NORTH EAST SOUTH
75 50 83
USE RIGHT LANE

ESTR
PADDOCK LAKE
POPULATION 2922

REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING USING
ADJUSTMENT RINGS WITH 2'X2' OPENING

ESTR
COUNTY F

ESTR
ALTERNATE NORTH 41
ALTERNATE WEST 94

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 26 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 361	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:08 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

PLACE 500 FT FROM STOP BAR

ROAD WORK AHEAD
W20-1A

PLACE 500 FT FROM STOP BAR

END ROAD WORK
G20-2A
48"X24"

ALL EXISTING SIGNS ON STH 75 TO REMAIN
EXISTING SIGNS NOT SHOWN

STH 75

STH 75 R/L

SEE NOTE 1

BOTH INLETS
REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING
WITH 2'X2' ADJUSTMENT RINGS

REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING
WITH 2'X2' ADJUTMENT
RINGS

SEE NOTE 3

SEE NOTE 2

ASPHALTIC SURFACE TEMPORARY

ESTR
WEST 50 NORTH 83

ESTR
JCT COUNTY F

ESTR
SPEED LIMIT 35

ESTR
SOUTH NORTH NORTH
83 83 75

ESTR
ALTERNATE NORTH WEST
INTERSTATE 41 INTERSTATE 94

ESTR
SOUTH WEST NORTH NORTH
83 50 83 75

ESTR
LAKE GENEVA
SALEM
BURLINGTON

ESTR
STOP

ESTR
ONE WAY

WO1-6
48"X24"

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STH 50

STH 50 R/L

STH 83

STH 83 R/L

ONE WAY
R6-2R
24"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

ESTR
DO NOT ENTER

ESTR
NORTH 75
M3-1 24"X12"
M1-6 24"X24"
M6-1 21"X21"

ESTR
SOUTH 83

ESTR
EAST 50

REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING
WITH 2'X2' ADJUSTMENT RINGS

SEE NOTE 1

ALL EXISTING SIGNS ON STH 83 TO REMAIN
EXISTING SIGNS NOT SHOWN

PLACE 500 FT FROM STOP BAR

ROAD WORK AHEAD
W20-1A

PLACE 500 FT FROM STOP BAR

END ROAD WORK
G20-2A
48"X24"

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

NOTES:
1. REMOVE ISLAND AND PLACE ASPHALTIC SURFACE TEMPORARY DURING ONE NIGHT USING FLAGGING OPERATIONS.
2. ALTERNATE CLOSURE OF CROSSWALK ACROSS STH 50. SEE CONSTRUCTION DETAIL.
3. POSITION TRAFFIC CONTROL DRUMS TO ALLOW FOR RIGHT TURNING MOVEMENTS FOR TRUCKS.

SHEET 27 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 362	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 04
PLOT DATE : 7/30/2021 11:08 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1030+00

MATCHLINE

250TH AVE

248TH AVE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

250TH AVE R/L

248TH AVE R/L

STH 50 R/L

STH 50

HIGH SCHOOL WEST DRIVEWAY

HIGH SCHOOL WEST DRIVEWAY R/L

INSTALL STORM SEWER ACROSS WB LANES AND ALONG CURB LINE USING A OVERNIGHT CLOSURE OF WB STH 50.

ESTR
JCT
P5
83

ESTR
STOP

ESTR
SPEED LIMIT
25

ESTR
SPEED LIMIT
35
END SCHOOL ZONE

ESTR
SPEED LIMIT
35

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

ASPH SURF TEMP

ASPHALTIC CURB

ASPHALTIC SURFACE TEMPORARY

BEGIN LEFT TURN LANE
R3-20L
24"X36"

ESTR
SCHOOL
SPEED LIMIT
25
WHEN CHILDREN ARE PRESENT

ESTR
AHEAD

ESTR
STOP

ESTR

R3-2
24"X24"

W8

Y4

+00 20' RT
+88 9' RT
+88 21' LT
+73 21' LT
+88 8' RT
+73 19' RT
+15 19' RT
+03 8' RT
+12 20' LT
+12 9' RT
+16 19' RT
+15 20' LT

1016
1018
1020
1022
1024
1026
1028

10'
11'
25'

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

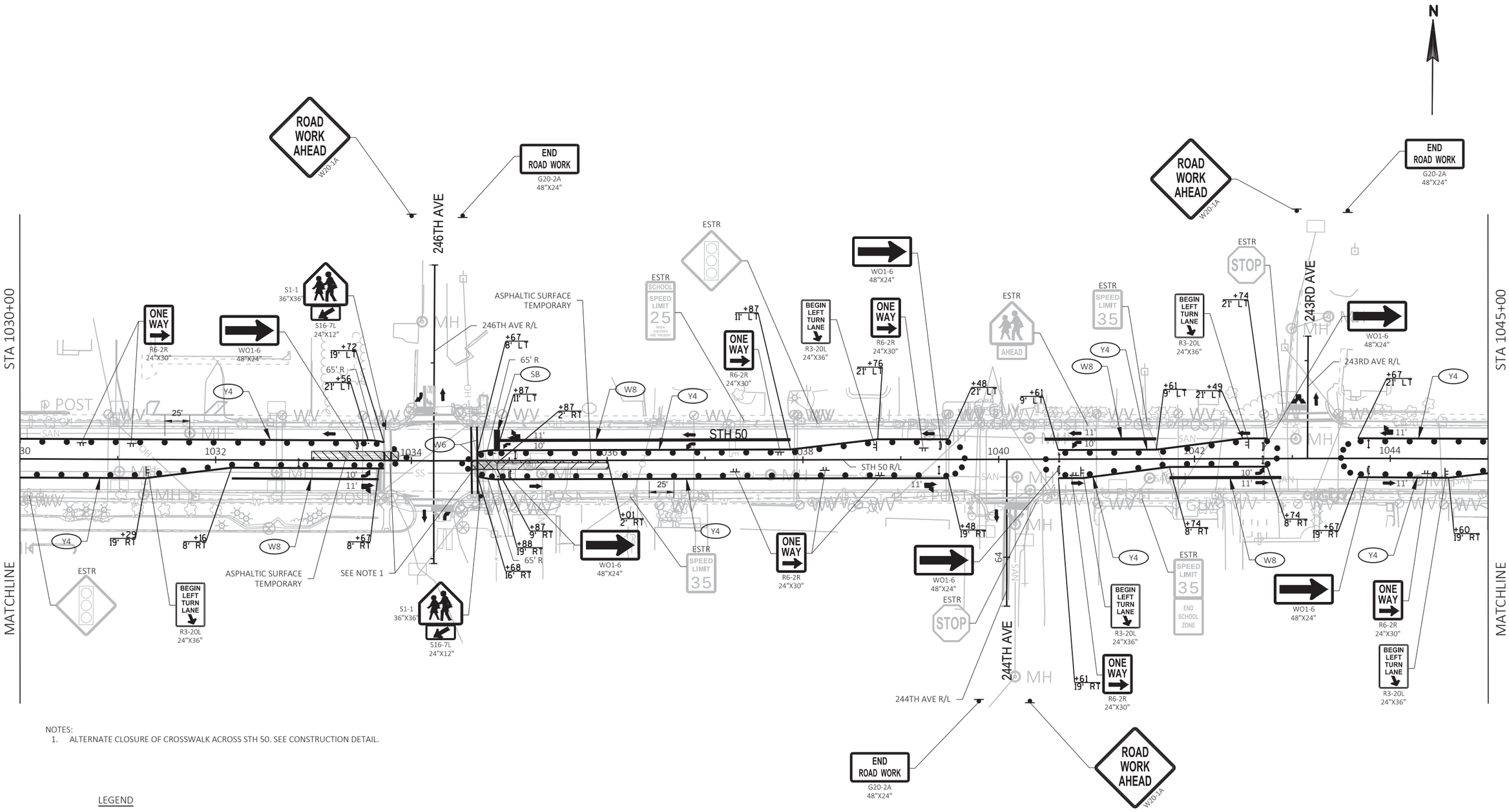
SHEET 28 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 363	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 11:08 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



NOTES:
1. ALTERNATE CLOSURE OF CROSSWALK ACROSS STH 50. SEE CONSTRUCTION DETAIL.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 29 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 364	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 11:08 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ESTR
STOP

WO1-6
48"X24"

74TH PL

74TH PLACE R/L

ESTR

W8

Y4

+62
1' RT

+90
13' LT

+73
12' LT

+78
22' LT

+96
9' LT

ESTR
SPEED LIMIT
35

BEGIN LEFT TURN LANE
R3-20L
24"X36"

WO1-6
48"X24"

+02
11' LT

+12
11' LT

+49
22' LT

BEGIN LEFT TURN LANE
R3-20L
24"X36"

+93
22' LT

ESTR
SPEED LIMIT
35

ASPHALTIC SURFACE TEMPORARY

+82
8' LT

+80
0' LT

STH 50 R/L

STA 1045+00

STA 1060+00

1046

1048

1050

1052

1054

1056

1058

11'

10'

25'

+48
21' LT

+48
9' RT

+31
21' RT

+72
21' RT

+96
11' RT

+25
11' RT

+18
21' RT

+69
22' RT

242ND AVE R/L

242ND AVE

+73
21' RT

ESTR
STOP

ESTR
SPEED LIMIT
35

BEGIN LEFT TURN LANE
R3-20L
24"X36"

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

ASPHALTIC SURFACE TEMPORARY

ESTR

WO1-6
48"X24"

REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING USING
ADJUSTMENT RINGS WITH 2'X2' OPENING

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

STH 50

MATCHLINE

MATCHLINE

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 30 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 365	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:08 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 1060+00

STA 1075+00

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

236TH AVE

236TH AVE R/L

REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING USING
ADJUSTMENT RINGS WITH 2'X2' OPENING

ASPHALTIC SURFACE
TEMPORARY

LANE CLOSED
R11-2L
48"X30"

ESTR
STOP

ESTR
SPEED LIMIT 35

ESTR
PADDOCK LAKE
POPULATION 2,992

WO1-6
48"X24"

R3-4
24"X24"

TM6

TY4

Y4

W8

EAST CROSSOVER
CONSTRUCTED IN STAGE 1A

+82
23' LT

+70
23' LT

+83
0' LT

+47
8' LT

+84
0' LT

+57
11' RT

+82
11' RT

+69
22' RT

+04
22' RT

+04
10' RT

1062

1064

1066

1068

1070

1072

1074

STH 50 R/L

STH 50

25'

100'

ASPHALTIC SURFACE
TEMPORARY

BOTH INLETS
REMOVE EXISTING CASTING
ADJUST INLET
INSTALL TYPE S CASTING USING
ADJUSTMENT RINGS WITH 2'X2' OPENING

R3-18
30"X30"

EAST
50

MATCHLINE

MATCHLINE

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE
USED IN FUTURE STAGES

WORK CONSTRUCTED
UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 31 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 366	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 11:08 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

STA 1075+00

615' BUFFER SPACE

660' MERGE TAPER

A

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

TY4

LANE CLOSED
R11-2L
48"X30"

TM6

STH 50 R/L

25'

12'

1076

1078

12'

12'

25'

TM10

STH 50

TY4

TM6

TY4

TM10

MATCHLINE

COVER SIGN
SPEED LIMIT
55

R3-4
24"X24"

TY4

ESTR

ESTR

HWY 45	2
HWY 94	7
KENOSHA	11

LANE CLOSED
R11-2L
48"X30"

MATCHLINE

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 32 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 367	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 09

PLOT DATE : 7/30/2021 11:08 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

MAX. 13' WIDTH
WO12-52

660'
MERGE TAPER

500'

500'

WO4-2L

500'

SPEED LIMIT 35
R2-1
48"X60"

700'

SPEED LIMIT 35
WO3-5

400'

RIGHT LANE CLOSED 1/2 MILE
W20-5G

1300'

1300'

ROAD WORK 1 MILE
W20-1F

A

ESTR

R3-4
24"X24"

TM6

TM10

TY4

STH 50

TM10

TY4

MATCHLINE

R3-4
24"X24"

ESTR

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 33 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 1B	SHEET 368	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026101_S1B.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:08 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

TRAFFIC CONTROL NOTES - STAGE 2A/2B

CONSTRUCTION:

- EASTBOUND STH 50
- BEGIN CONSTRUCTION STH 83 SOUTH OF STH 50 IN STAGE 2A
- FINISH CONSTRUCTION OF STH 83 SOUTH OF STH 50 IN STAGE 2B

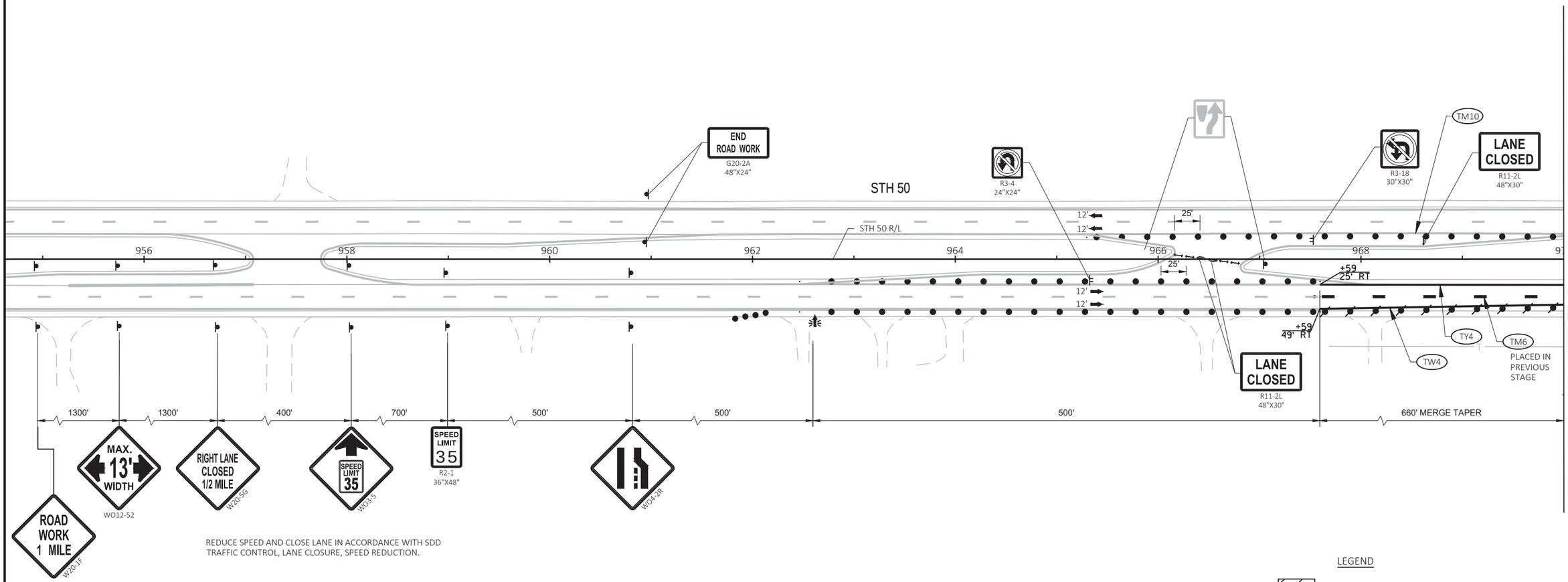
TRAFFIC:

- STH 50 - 1 THRU LANE IN EACH DIRECTION
- STH 75 - 1 THRU LANE IN EACH DIRECTION
- STH 83 - 1 THRU LANE IN EACH DIRECTION STAGE 2A
- STH 83 - FULL CLOSURES STAGE 2B

PEDESTRIANS:

- SIDEWALKS AND CROSSWALKS ON SOUTH SIDE OF STH 50 PARALLEL TO STH 50 CLOSED AT ALL TIMES
- SIDEWALKS AND CROSSWALKS ON NORTH SIDE OF STH 50 PARALLEL TO STH 50 OPEN AT ALL TIMES
- SIDEWALKS ON BOTH SIDES OF STH 75 & STH 83 OPEN STAGE 2A
- SIDEWALK ON EAST SIDE OF STH 83 OPEN DURING STAGE 2B

N



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 34 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 369	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 01

PLOT DATE : 7/30/2021 11:09 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

MATCHLINE

STA 970+00

STA 985+00

MATCHLINE

STH 50

STH 50 R/L

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

R3-18
30"X30"

COVER SIGN
SPEED LIMIT
55

ESTR

TY4

TM6

TM10

TW4

TW8

+82 25' LT

+36 25' LT

+36 37' LT

+19 36' LT

+82 36' LT

+58 24' LT

+82 24' LT

BEGIN LEFT TURN LANE
R3-20L
24"X36"

ESTR
ONE WAY

ESTR
DO NOT ENTER

ESTR
WEST NORTH
50 83

+60 25' LT

+73 25' RT

+99 25' RT

+19 37' RT

+29 37' RT

+57 37' RT
50' R

2050' R

2064' R

+41 37' RT

+07 86' RT

+63 83' RT

+23 47' RT

+21 37' RT

+21 47' RT

40' R

12'

11'

10'

25'

R3-4
24"X24"

600' MERGE TAPER

PLACED IN PREVIOUS STAGE

PLACED IN PREVIOUS STAGE

ESTR
WRONG WAY

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

COVER SIGN
SPEED LIMIT
35

ESTR
DO NOT ENTER

ESTR
EAST SOUTH
50 83

+23 25' RT

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

W01-4L

35 MPH
WO13-1
36"X36"

261ST ST

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 35 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 370	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:09 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

INSTALL BOTH INLETS 2X3-FT WITH TYPE S COVERS
USE ADJUSTMENT RINGS WITH 2'X2' OPENING

ESTR
COUNTY F

WO1-6
48"X24"

Y4

ASPHALTIC SURFACE TEMPORARY

WO6-3

245' SHIFTING TAPER

DOUBLE Y4

MOUNT TO MARKER POST CLOSET TO INTERSECTION

W6-4
12"X18"

STA 985+00

STA 1000+00

COVER SIGN
SPEED LIMIT 35

WO6-4

ESTR
SPEED LIMIT 35

TM6
TY4
TM10
DOUBLE TY4
STH 50 R/L
TW4
TM6
PLACED IN PREVIOUS STAGE
TY4
WO1-6
48"X24"
WO6-3
JCT
COUNTY F
M2-1
21"X15"
M1-5A
24"X24"
WO1-4R
35
MPH
WO13-1
36"X36"
SPEED LIMIT 35
R2-1
24"X30"
MB4-1
24"X12"
MB3-1
24"X12"
M1-1
24"X24"
ALTERNATE NORTH
ALTERNATE WEST
41
94
MB3-4
24"X12"
M1-1
24"X24"
MB5-1L
21"X21"
MB5-1L
21"X21"
STH 50
W4
INSTALL INLET 2'X3' WITH TYPE S CASING
USE ADJUSTMENT RINGS WITH 2'X2' OPENING
TEMPORARY PIPE CONNECTION 12-INCH
PROPOSED PIPE +/- 0.3' HIGHER THAN EXISTING
M1-5A
24"X24"
COUNTY F
M6-1
21"X21"
CONSTRUCT CTH F IN HALVES
ON PORTABLE SUPPORT
STOP
R1-1
30"X30"
CTH F
CTH F R/L
END ROAD WORK
G20-2A
48"X24"
ROAD WORK AHEAD
W20-1A
MATCHLINE
MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 36 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 371	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:09 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STA 54+00

STA 46+00

STH 75

STH 50

STH 83

STH 75 R/L

STH 50 R/L

STH 83 R/L

DRIVEWAY TO REMAIN OPEN

REDUCE FLEXIBLE TUBULAR MARKER SPACING TO 5' AT DRIVEWAY

MOUNT TO MARKER POST CLOSET TO INTERSECTION

INSTALL INLET WITH TYPE H COVER
TEMPORARY PIPE CONNECTION 18-INCH

INSTALL INLET 2X3-FT WITH TYPE S COVER
USE ADJUSTMENT RINGS WITH 2'X2' OPENING
TEMPORARY PIPE CONNECTION 12-INCH

REDUCE FLEXIBLE TUBULAR SPACING TO 5 FEET ACROSS DRIVEWAY

SEE NOTE 1

DRIVEWAY TO REMAIN OPEN

INSTALL STORM SEWER ACROSS MULTI-USE TRAIL
BACKFILL TRENCH AND FINISH WITH TEMPORARY PEDESTRIAN SURFACE ASPHALT
PROVIDE TEMPORARY PEDESTRIAN SURFACE ADJACENT TO PATH DURING STORM SEWER INSTALLATION SO THAT PEDESTRIAN ACCESS IS MAINTAINED.

PATH TO REMAIN OPEN
PLACE TEMPORARY PEDESTRIAN BARRICADE ALONG BOTH SIDES OF TRAIL

NOTES:
1. BLOCK OPEN END OF STORM SEWER PIPE WITH PLYWOOD OR METAL PLATE UNTIL FUTURE STAGE (INCIDENTAL TO STORM SEWER CONSTRUCTION)

SHEET 37 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A	SHEET 372	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 04
PLOT DATE : 7/30/2021 11:09 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1030+00

MATCHLINE

250TH AVE

248TH AVE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

250TH AVE R/L

248TH AVE R/L

ESTR JCT P5 83

ESTR STOP

ESTR SPEED LIMIT 25

ESTR SPEED LIMIT 35

END SCHOOL ZONE

R3-2
24"X24"

REDUCE FLEXIBLE TUBULAR SPACING TO 5 FEET THROUGH INTERSECTION

Y4 DOUBLE

+88 21' LT

+73 21' LT

+12 20' LT

+16 21' LT

+75 19' LT

SEE NOTE 2
TEMPORARY CURB BUMPOUT

STH 50 R/L

W4

WO6-3

REMOVE CASTING FROM EXISTING INLET
COVER PLATE TEMPORARY UNTIL STAGE 4
COVER PLATE WITH ASPHALTIC CURB

TEMPORARY CURB BUMPOUT
SEE NOTE 2

REMOVE EXISTING INLET CASTING
COVER PLATE TEMPORARY
PLACE ASPHALTIC CURB OVER COVER PLATE

WO1-6
48"X24"

SIDEWALK CLOSED
R9-9
24"X12"

ONE WAY
R6-2R
24"X30"

SEE NOTE 1

PATCH TRENCH WITH ASPHALTIC SURFACE TEMPORARY

CONSTRUCT ENTIRE LATERAL IN STAGE 2
USING A SINGLE NIGHT FULL CLOSURE OF
STH 50

STH 50

SIGN AND BARRICADE ONLY IN USE
DURING STAGE 2B2

SIDEWALK CLOSED
USE OTHER SIDE
R9-10
48"X24"

CONSTRUCT DRIVEWAY CLOSED TO TRAFFIC
ALTERNATE CLOSURE WITH EAST DRIVEWAY
DO NOT CLOSE BOTH DRIVEWAYS AT SAME TIME
SEE CONSTRUCTION DETAIL

HIGH SCHOOL WEST DRIVEWAY R/L

HIGH SCHOOL WEST DRIVEWAY

BASE AGGREGATE DENSE 1 1/4-INCH TRANSITION
BETWEEN NEW EB LANES AND EXISTING WB LANES

CONSTRUCT LATERAL TO NORTH CURB LINE
IN STAGE 2 USING A SINGLE NIGHT FULL
CLOSURE OF STH 50

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

NOTES:

1. BLOCK OPEN END OF STORM SEWER PIPE WITH PLYWOOD OR METAL PLATE UNTIL FUTURE STAGE (INCIDENTAL TO STORM SEWER CONSTRUCTION)
2. INSTALL INLET 2X3-FT WITH TYPE H CASTING. SET INLET ELEVATION TO MATCH EXISTING GUTTER ELEVATION. ADJUST TO FINAL ELEVATION IN LATER STAGE.

SHEET 38 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 373	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 11:09 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 1030+00

STA 1045+00

MATCHLINE

MATCHLINE

246TH AVE

243RD AVE

244TH AVE

STH 50

STH 50 R/L

246TH AVE R/L

243RD AVE R/L

244TH AVE R/L

ROAD WORK AHEAD W20-1A

END ROAD WORK G20-2A 48"X24"

W06-3

SEE NOTE 2 TEMPORARY CURB BUMPOUT TEMPORARY PIPE CONNECTION 12-INCH

CONSTRUCT ENTIRE LATERAL IN STAGE 2 USING A SINGLE NIGHT FULL CLOSURE OF STH 50

PATCH TRENCH WITH ASPHALTIC SURFACE TEMPORARY

DOUBLE Y4

Y4

R3-2 24"X24"

+68 19' LT

+80 9' LT

MOUNT TO MARKER POST CLOSET TO INTERSECTION

W6-4 12"X18"

+68 19' RT

SEE NOTE 2 TEMPORARY CURB BUMPOUT PATCH TRENCH WITH ASPH SURFACE TEMPORARY

+87 9' LT

ESTR

SCHOOL SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT

REDUCE FLEXIBLE TUBULAR MARKER SPACING TO 5 FEET THROUGH INTERSECTION

+92 18' LT

ESTR SPEED LIMIT 35

SEE NOTE 2 ASPHALTIC CURB PATCH TRENCH WITH ASPH SURF TEMPORARY

ESTR STOP

+70 19' LT

SEE NOTE 1

+74 9' LT

1032

1034

1036

1038

1040

1042

1044

+80 2' RT

+68 2' RT

+87 2' RT

+88 2' RT

+43 5' LT

+67 7' LT

+69 8' LT

+74 2' RT

W4

W8

Y4

SEE NOTE 1

INSTALL INLET WITH NO CASTING COVER PLATE TEMPORARY

TEMPORARY PIPE CONNECTION 15-INCH

W03-3

SIDEWALK CLOSED AHEAD CROSS HERE R9-11 24"X12"

SIGN AND BARRICADE ONLY IN USE DURING STAGE 2B2

INSTALL ENTIRE LATERAL USING A SINGLE NIGHT FULL CLOSURE OF STH 50

ASPHALTIC SURFACE TEMPORARY TRANSITION BETWEEN NEW EB LANES AND EXISTING WB LANES

CONSTRUCT DRIVEWAY CLOSED TO TRAFFIC ALTERNATE CLOSURE WITH EAST DRIVEWAY DO NOT CLOSE BOTH DRIVEWAYS AT SAME TIME MAINTAIN ONE CROSSWALK ACROSS STH 50 AT ALL TIMES SEE CONSTRUCTION DETAIL

SPEED LIMIT 35 R2-1 24"X30"

ONE WAY R6-2R 24"X30"

W01-4L

CONSTRUCT 244TH AVE CLOSED TO TRAFFIC ALTERNATE CLOSURE WITH 242ND AVE DO NOT CLOSE BOTH ROADWAYS AT SAME TIME SEE CONSTRUCTION DETAIL

END ROAD WORK G20-2A 48"X24"

STOP R1-1 30"X30" ON PORTABLE SUPPORT

ROAD WORK AHEAD W20-1A

W01-4R

ASPHALTIC SURFACE TEMPORARY TRANSITION BETWEEN NEW EB LANES AND EXISTING WB LANES

DOUBLE Y4

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

NOTES:

1. BLOCK OPEN END OF STORM SEWER PIPE WITH PLYWOOD OR METAL PLATE UNTIL FUTURE STAGE (INCIDENTAL TO STORM SEWER CONSTRUCTION)
2. INSTALL INLET 2X3-FT WITH TYPE H CASTING. SET INLET ELEVATION TO MATCH EXISTING GUTTER ELEVATION. ADJUST TO FINAL ELEVATION IN LATER STAGE.

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 374	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 11:09 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ESTR
STOP
74TH PLACE R/L

74TH PL

STA 1045+00

STA 1060+00

W8

W6-3

MOUNT TO MARKER POST CLOSET TO INTERSECTION

W6-4
12"X18"

ESTR
SPEED LIMIT 35

TEMPORARY PIPE CONNECTION 15-INCH

R3-2
24"X24"

TEMPORARY PIPE CONNECTION 15-INCH

ESTR
SPEED LIMIT 35

TEMPORARY PIPE CONNECTION 15-INCH

Y4

+62 19' LT
+48 19' LT
+64 1' RT
+75 10' LT
+90 11' LT
+95 20' LT
+90 22' LT
+93 22' LT
+76 20' LT
+81 11' LT

11'
10'
11'
11'
10'
11'
11'
11'

1048
1050
1052
1054
1056
1058

W4

+49 2' RT
+91 0' RT
+96 9' LT
+75 9' LT
+80 0' LT

STH 50

STH 50 R/L

MATCHLINE

MATCHLINE

TEMPORARY PIPE CONNECTION 21-INCH

MH

Y4
DOUBLE

R3-2
24"X24"

242ND AVE

242ND AVE R/L

SAN

STOP
R1-1
30"X30"

R3-2
24"X24"

Y4 DOUBLE

W4

Y4

W6-3

SPEED LIMIT 35
R2-1
24"X30"

Y4 DOUBLE

W4

R3-2
24"X24"

REDUCE SPACING OF FLEXIBLE TUBULAR MARKERS TO 5 FEET THROUGH DRIVEWAYS

W01-4R

DOUBLE Y4

W01-4L

INSTALL 2X3-FT INLET WITH TYPE S CASTING
USE ADJUSTMENT RINGS WITH 2X2-FT OPENING
ADJUST TO FINAL GRADE WITH TYPE H CASTING
IN LATER STAGE.

ASPHALTIC SURFACE TEMPORARY TRANSITION
BETWEEN NEW EB LANES AND EXISTING WB LANES

END ROAD WORK
G20-2A
48"X24"

MH

CONSTRUCT 242ND AVE CLOSED TO TRAFFIC
ALTERNATE CLOSURE WITH 244TH AVE
DO NOT CLOSE BOTH ROADWAYS AT SAME TIME
SEE CONSTRUCTION DETAIL

ROAD WORK AHEAD
W20-1A

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 375	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 07
PLOT DATE : 7/30/2021 11:09 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1060+00

STA 1075+00

MATCHLINE

MATCHLINE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

236TH AVE

236TH AVE R/L

ESTR
STOP

W0C-3

ESTR
SPEED LIMIT 35

R3-2
24"X24"

ESTR
SPEED LIMIT 35

ESTR
PADDOCK LAKE
POPULATION 2,992

PLACED IN PREVIOUS STAGE

TM6

W0G-3

SPEED LIMIT 35

+68
21' LT

+93
21' LT

+82
23' LT

+87
21' LT

+74
28' LT

+34
18' LT

+82
11' LT

+83
0' LT

+87
10' LT

+35
16' LT

+96
7' LT

11'

10'

6' R

25'

2500' R

2000' R

1060

1062

1064

1066

1068

1070

1072

1074

Y4

TY4

TW4

W4

W8

STH 50

STH 50 R/L

R3-2
24"X24"

Y4 DOUBLE

SPEED LIMIT 35
R2-1
24"X30"

EAST 50
M1-6
24"X24"

M3-2
24"X12"

WO1-6
48"X24"

W0G-1

Y4

Y4 DOUBLE

W01-4L

TEMPORARY PIPE CONNECTION 24-INCH

INSTALL 2X3-FT INLET TO FINAL GRADE
TEMPORARY PIPE CONNECTION 18-INCH
CONNECT TO EXISTING INLET IN MIDDLE OF MEDIAN

TEMPORARY PIPE
CONNECTION 18-INCH
PROPOSED PIPE IS +/- 0.3'
HIGHER THAN EXISTING PIPE

INSTALL 2X3-FT INLET WITH TYPE S CASTING
USE ADJUSTMENT RINGS WITH 2X2-FT OPENING
ADJUST TO FINAL ELEVATION WITH TYPE H COVER
IN LATER STAGE

ASPHALTIC SURFACE TEMPORARY TRANSITION
BETWEEN NEW EB LANES AND EXISTING WB LANES

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 41 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 376	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 08

PLOT DATE : 7/30/2021 11:09 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

STA 1075+00

615' BUFFER SPACE

660' MERGE TAPER

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

TM6 PLACED IN PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

TM6 PLACED IN PREVIOUS STAGE

STH 50 R/L

1076

1078

+65
3' RT

+64
18' RT

12'

25'

12'

12'

100'

STH 50

TM6

TY4

TW4

COVER SIGN
COVER
LIMIT
55

R3-4
24"X24"

ESTR

ESTR

HWY 45	2
HWY 94	7
KENOSHA	11

LANE CLOSED
R11-2L
48"X30"

TM10
PLACED IN
PREVIOUS STAGE

MATCHLINE

A

MATCHLINE

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 42 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 377	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 09

PLOT DATE : 7/30/2021 11:10 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

660'
MERGE TAPER

TM6 PLACED IN PREVIOUS STAGE

500'

500'

WO4-2L

500'

SPEED LIMIT 35
R2-1
48"X60"

700'

SPEED LIMIT 35
WO3-5

400'

RIGHT LANE CLOSED 1/2 MILE
W20-5G

1300'

MAX. 13' WIDTH
WO12-52

1300'

ROAD WORK 1 MILE
W20-1F

A

ESTR

R3-4
24"X24"

TM10 PLACED IN PREVIOUS STAGE

TM10 PLACED IN PREVIOUS STAGE

STH 50

MATCHLINE

R3-4
24"X24"

ESTR

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 43 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A-2B	SHEET 378	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:10 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

STA 46+00

STH 83

STH 83 R/L

44

END ROAD WORK
G20-2A
48"X24"

ESTR

ESTR
DO NOT ENTER

ESTR
SPEED LIMIT 45

W4

W4

ESTR

ESTR

ESTR
WEST NORTH NORTH EAST
50 83 75 50

ESTR
Burlington
Lake Geneva
Kenosha

LANE CLOSED
R11-2L
48"X30"

500'

500'

500'

500'

ROAD WORK AHEAD
W20-1A

MAX. 13' WIDTH
WO12-52

ROAD WORK 1000 FT
W20-1c

ROAD WORK 500 FT
W20-1D

GUY

MATCHLINE

SHEET 44 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A	SHEET 379	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 11:10 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

ROAD WORK 500 FT
W20-1D

ROAD WORK 1000 FT
W20-1C

MAX. 12' WIDTH
WO12-52

ROAD WORK AHEAD
W20-1A

500'

500'

500'

500'

STA 54+00

WO1-4L

ESTR
Salem
Kenosha
Lake Geneva

ESTR

ESTR
END
75

Y4

W4

4

STH 75

STH 75 R/L

ESTR

ESTR

ESTR
DO NOT ENTER

ESTR
NORTH
75

END ROAD WORK
G20-2A
48"X24"

ESTR
EAST SOUTH NORTH WEST
50 83 83 50

ESTR
ALTERNATE ALTERNATE
SOUTH EAST
INTERSTATE INTERSTATE
41 94

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 45 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2A	SHEET 380	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2A.DWG
LAYOUT NAME - 12

PLOT DATE : 7/30/2021 11:10 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

STA 1000+00

STA 1015+00

STA 54+00

STA 46+00

MATCHLINE

MATCHLINE

MATCHLINE

STH 75

STH 50

STH 50

STH 83

STH 75 R/L

STH 50 R/L

STH 83 R/L

DRIVEWAY TO REMAIN OPEN

DRIVEWAY TO REMAIN OPEN

REDUCE FLEXIBLE TUBULAR MARKER SPACING TO 5' AT DRIVEWAY

REDUCE FLEXIBLE TUBULAR SPACING TO 5 FEET ACROSS DRIVEWAY

MOUNT TO MARKER POST CLOSET TO INTERSECTION

MOUNT TO MARKER POST CLOSET TO INTERSECTION

COVERING SIGN TYPE II

COVERING SIGN TYPE II

ESTR

BEGIN RIGHT TURN LANE
R3-20R
24"X36"

ALTERNATE SOUTH EAST 41 94

WEST 50 NORTH 83

JCT COUNTY F

SPEED LIMIT 35

EAST 50 SOUTH 83

SOUTH 83 NORTH 83 NORTH 75

WEST 50 NORTH 83

RIGHT LANE ENDS

ALTERNATE NORTH WEST 41 94

SOUTH 83 WEST 50 NORTH 83 NORTH 75

Lake Geneva
Salem
Burlington

STOP

SPEED LIMIT 35

ALTERNATE NORTH WEST 41 94

W6-3

R3-2
24"X24"

W6-4
12"X18"

W8

W12

R4-7
24"X30"

Y4

W4

1002 1004 1006 1008 1010 1012 1014

10' 11' 11' 11' 25' 25'

12' 12' 12' 10'

25'

MB4-1 24"X12"
MB3-1 24"X12"
M1-1 24"X24"
ALTERNATE NORTH WEST 41 94
MB6-1 21"X21" MB6-1 21"X21"
MB4-1 24"X12"
MB3-4 24"X12"
M1-1 24"X24"

LANE CLOSED
R11-2L
48"X30"

M3-1 24"X12"
M1-6 24"X24"
M6-1 21"X21"
NORTH 75

CONSTRUCT SOUTH LEG OF INTERSECTION USING A 21 CALENDAR DAY CLOSURE OF STH 75. SEE DETOUR PLAN FOR ADDITIONAL SIGNAGE.

R3-1
24"X24"

ROAD CLOSED
R11-2
48"X30"

ROAD CLOSED
R11-2
48"X30"

SEE STAGE 2B PEDESTRIAN DETAIL SHEETS FOR ADDITIONAL STAGING INFORMATION

INSTALL INLET WITH TYPE S COVER USE ADJUSTMENT RINGS WITH 2X2-FT OPENING

WO1-6
48"X24"

SPEED LIMIT 35
R2-1
24"X30"

LANE CLOSED
R11-2L
48"X30"

WO6-3

EAST 50
M3-2 24"X12"
M1-6 24"X24"

MB4-1 24"X12"
MB3-3 24"X12"
M1-1 24"X24"
ALTERNATE SOUTH EAST 41 94
MB6-1 21"X21" MB6-1 21"X21"
MB4-1 24"X12"
MB3-2 24"X12"
M1-1 24"X24"

SHEET 46 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2B	SHEET 381	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2B.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 11:10 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

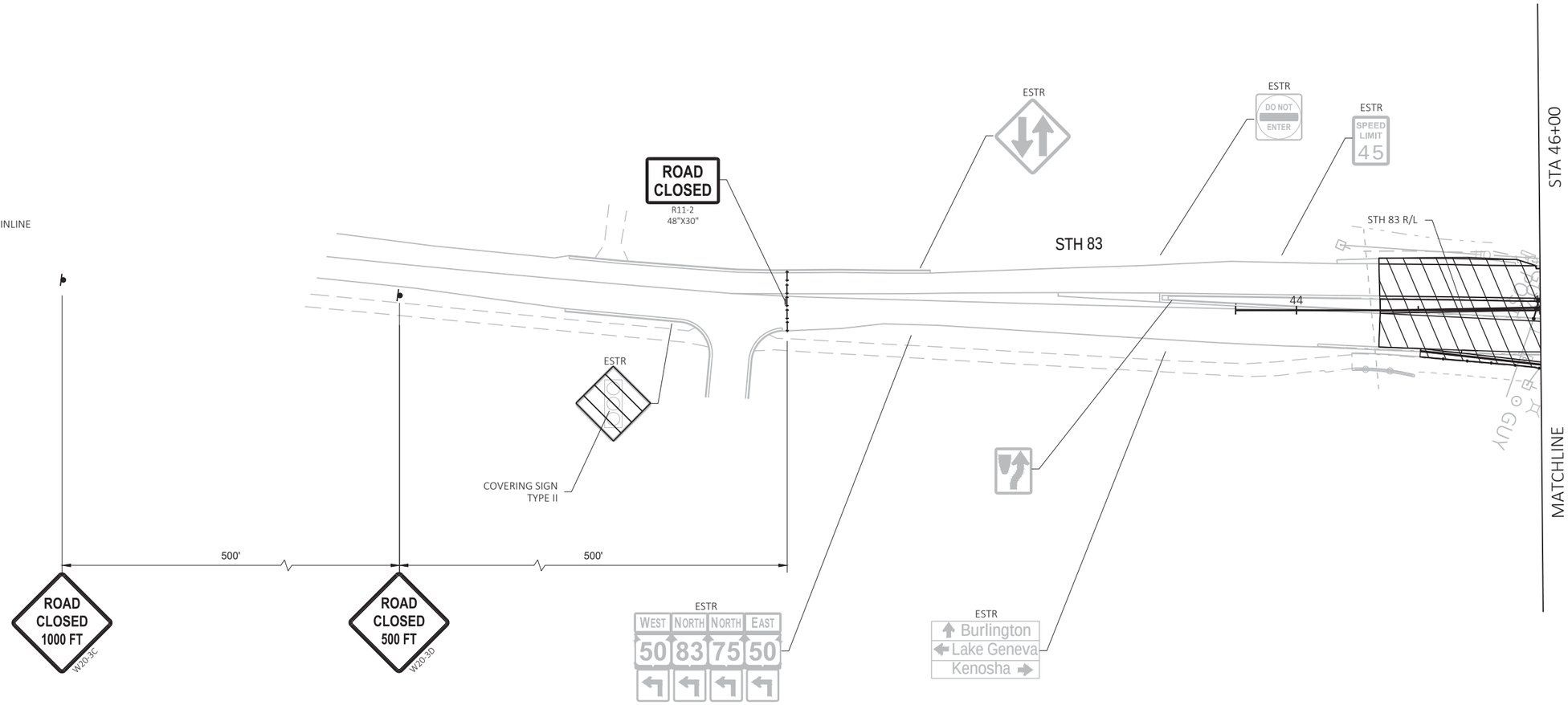
WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

PLACE ROAD CLOSED ADVANCED SIGNAGE
IN ACCORDANCE WITH SDD BARRICADES AND SIGNS FOR MAINLINE CLOSURES DETAIL A



SHEET 47 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2B	SHEET 382	E

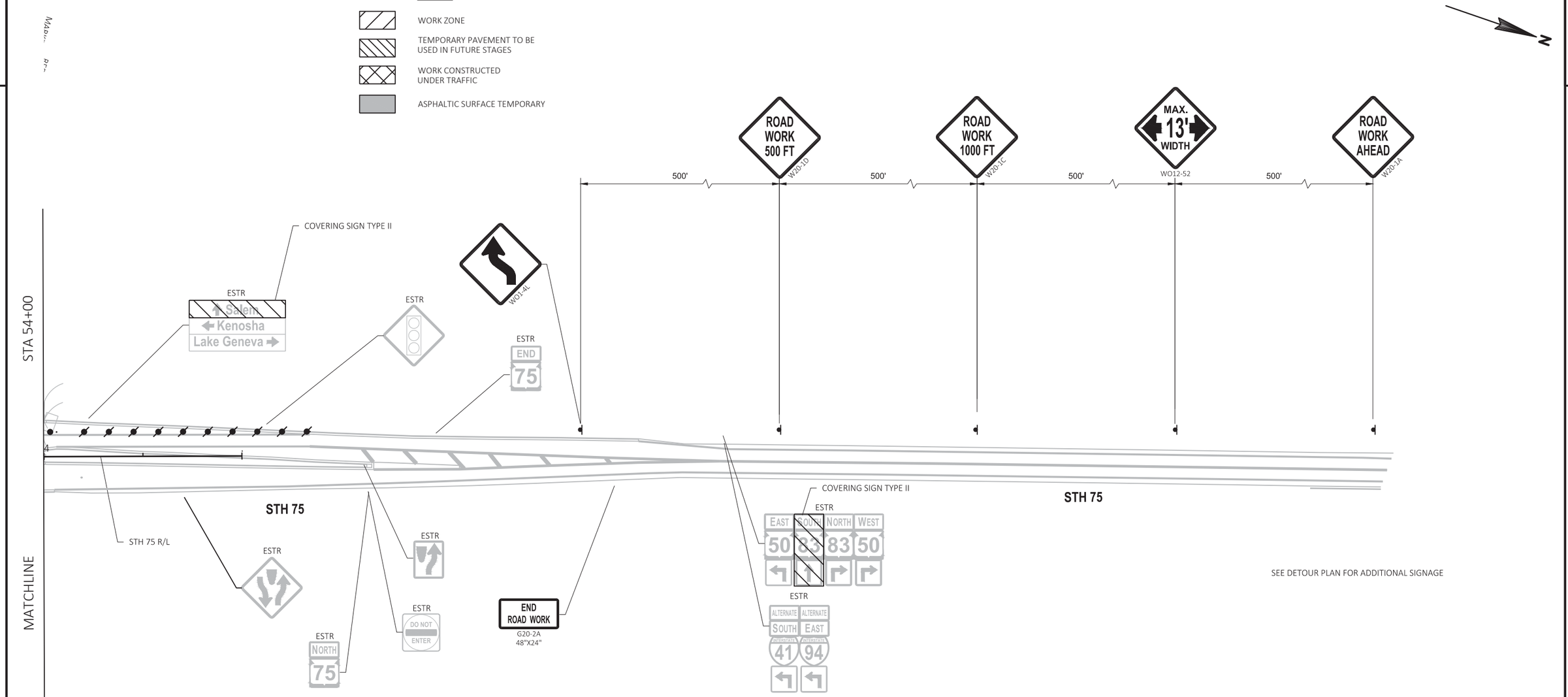
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2B.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 11:10 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY



SHEET 48 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2B	SHEET 383	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102_S2B.DWG
LAYOUT NAME - 12

PLOT DATE : 7/30/2021 11:10 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

NOTE:
SEE STAGE 2A/2B SHEETS FOR ADDITIONAL TRAFFIC CONTROL INFORMATION

REMOVE CURB RAMP PAVEMENT AT START OF STAGE ONCE TEMPORARY CURB RAMP IS OPEN.
PERFORM WORK AT NIGHT USING FLAGGING OPERATIONS

TEMPORARY CURB RAMP ASPHALTIC
PLACE AT START OF STAGE FOR USE IN THIS STAGE
SEE CONSTRUCTION DETAIL
PERFORM WORK AT NIGHT USING FLAGGING OPERATIONS

STH 75 R/L

W6

1004+00 1005+00 1006+00 1007+00 1008+00 1009+00

TEMPORARY PEDESTRIAN SURFACE ASPHALTIC
PLACE AT START OF STAGE FOR USE IN THIS STAGE
TO CREATE TRANSITION BETWEEN EB LANES
CONSTRUCTED IN STAGE 2A AND TEMPORARY ASPHALTIC
SURFACE CONSTRUCTED IN STAGE 1B.

TEMPORARY PEDESTRIAN BARRICADE

PEDESTRIAN RAMP
TO BE OPEN

SIDEWALK CLOSED USE OTHER SIDE
R9-10
48"X24"

PLACE SIGN AT COMMERCIAL DRIVEWAY
WHERE SIDEWALK STARTS

SIDEWALK CLOSED
R9-9
24"X12"

TEMPORARY PEDESTRIAN SURFACE ASPHALTIC
PLACE AT START OF STAGE FOR USE IN THIS STAGE
TO CREATE A TRANSITION BETWEEN EB LANES
CONSTRUCTED IN STAGE 2A AND TEMPORARY ASPHALTIC
SURFACE CONSTRUCTED IN STAGE 1B

STH 50 R/L

TEMPORARY PEDESTRIAN BARRICADE

SIDEWALK CLOSED
CROSS HERE
R9-11A
24"X12"

TEMPORARY PEDESTRIAN SURFACE ASPHALTIC
PLACE AT START OF STAGE FOR USE IN THIS STAGE
TO CREATE A TRANSITION BETWEEN EXISTING PATH
AND EB LANES CONSTRUCTED IN STAGE 2A

TEMPORARY PEDESTRIAN BARRICADE
ALONG WEST EDGE OF PATH

SHEET 49 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2B1 PEDESTRIAN	SHEET 384	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102A_S2B1.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:11 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT

2

2

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

NOTE:
SEE STAGE 2A/2B SHEETS FOR ADDITIONAL TRAFFIC CONTROL INFORMATION

SIDEWALK CLOSED
CROSS HERE
R9-11A
24"X12"

STH 75 R/L

1006

1008

STH 50 R/L

TEMPORARY PEDESTRIAN SURFACE ASPHALTIC PLACED IN PREVIOUS STAGE

TEMPORARY PEDESTRIAN BARRICADE

PEDESTRIAN RAMP TO BE OPEN

SEE STAGE 2A/2B SHEETS FOR ADDITIONAL SIDEWALK CLOSED SIGNS AT 248TH AVE AND 246TH AVE

SIDEWALK CLOSED
R9-9
24"X12"

SIDEWALK CLOSED
CROSS HERE
R9-11A
24"X12"

TEMPORARY PEDESTRIAN SURFACE PLYWOOD INSTALL AT START OF STAGE

TEMPORARY CURB RAMP PARALLEL INSTALL AT START OF STAGE

TEMPORARY PEDESTRIAN BARRICADE

SHEET 50 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 2B2 PEDESTRIAN	SHEET 385	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026102B_S2B2.DWG
LAYOUT NAME - 01

PLOT DATE : 7/30/2021 11:11 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

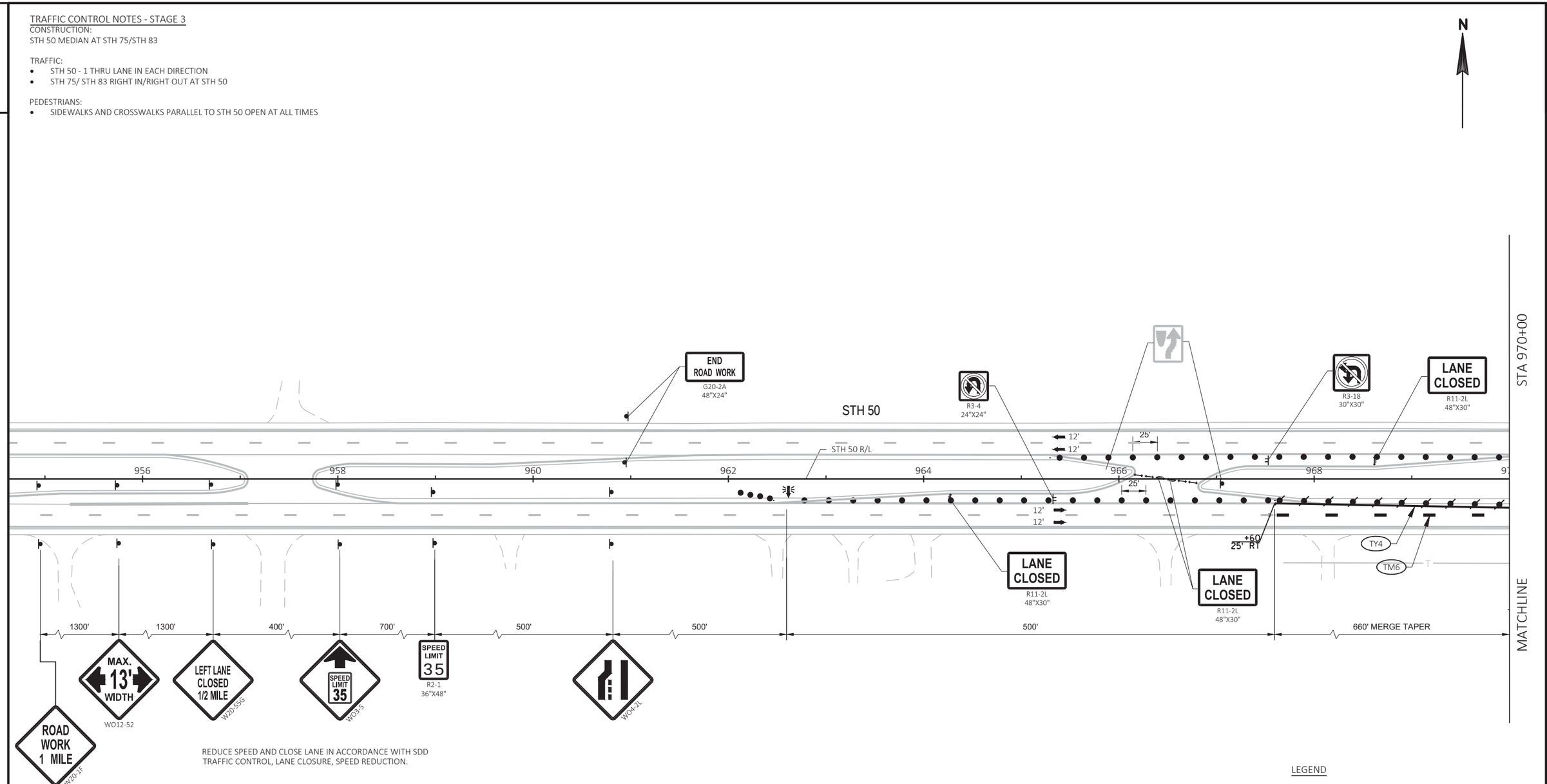
2

TRAFFIC CONTROL NOTES - STAGE 3

CONSTRUCTION:
STH 50 MEDIAN AT STH 75/STH 83

TRAFFIC:
- STH 50 - 1 THRU LANE IN EACH DIRECTION
- STH 75/ STH 83 RIGHT IN/RIGHT OUT AT STH 50

PEDESTRIANS:
- SIDEWALKS AND CROSSWALKS PARALLEL TO STH 50 OPEN AT ALL TIMES



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 386	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:11 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

MATCHLINE

STA 970+00

STA 985+00

MATCHLINE

LANE CLOSED
R11-2L
48"X30"

ESTR

R3-18
30"X30"

COVER SIGN
SPEED LIMIT
55

STH 50

LANE CLOSED
R11-2L
48"X30"

ESTR
WEST NORTH
50 83

ESTR

ESTR
ONE WAY

ESTR

ESTR
DO NOT ENTER

BEGIN LEFT TURN LANE
R3-20L
24"X36"

TM6

970 972 974 976 978 STH 50 R/L 980 982 984

25'

12'
12'

12'

25'

12'

+10
37' RT

11'

+39
39' RT

+19
37' RT

R3-4
24"X24"

TM6

600' MERGE TAPER

LANE CLOSED
R11-2L
48"X30"

ESTR
WRONG WAY

TY4

COVER SIGN
SPEED LIMIT
35

ESTR
DO NOT ENTER

TM6

TY4

WO1-6
48"X24"

ESTR
EAST SOUTH
50 83

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

261ST ST

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 52 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 387	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:11 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

STA 985+00

STA 1000+00

MATCHLINE

MATCHLINE

COVER SIGN

SPEED LIMIT 35

LANE CLOSED
R11-2L
48"X30"

ESTR

R3-18
30"X30"

TM6 PLACED IN PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

ESTR
SPEED LIMIT 35

LANE CLOSED
R11-2L
48"X30"

R3-18
30"X30"

MOVE DRUMS 4 FEET BACK FROM YELLOW EDGELINE AT INTERSECTION
TO PROVIDE FOR TRUCK TURNING MOVEMENTS AT CTH F INTERSECTION

ADJUST BOTH INLETS USING TYPE S COVERS INSTALLED IN PREVIOUS STAGE
USE ADJUSTMENT RINGS WITH 2X2-FT OPENING

ASPHALTIC SURFACE TEMPORARY
TRANSITION BETWEEN EXISTING WB LANES
AND PROPOSED MEDIAN CONCRETE PAVEMENT

ASPHALTIC SURFACE TEMPORARY

INSTALL 2X3-FT INLET WITH NO CASTING
COVER PLATE TEMPORARY
TEMPORARY PIPE CONNECTION 12-INCH

+86 18' LT

+78 18' LT

+71 23' LT

+68 10' RT

+68 0'

Y4

11'

25'

986 988 990 992 994 996 998

STH 50 R/L

STH 50

+21 23' RT

+26 25' RT

+38 10' RT

+03 2' RT

+78 2' RT

TY4

P

SPEED LIMIT 35
R2-1
24"X30"

ESTR
SPEED LIMIT 35

R3-18
30"X30"

TM6 PLACED IN PREVIOUS STAGE

ESTR
JCT
COUNTY F

ESTR

SPEED LIMIT 35
R2-1
24"X30"

R3-18
30"X30"

M1-5A
24"X24"
COUNTY F

M6-1
21"X21"

STOP
R1-1
30"X30"

TW4

MB4-1
24"X12"

MB4-1
24"X12"
ALTERNATE NORTH

MB3-4
24"X12"
ALTERNATE WEST

MB3-1
24"X12"

M1-1
24"X24"
INTERSTATE 41

INTERSTATE 94
M1-1
24"X24"

MB5-1L
21"X21"

MB5-1L
21"X21"

CTH F

350'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT
PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 53 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 388	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:12 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

NOTES:
1. SEE PAVEMENT MARKING PLAN FOR PERMANENT PAVEMENT MARKING LAYOUT INFORMATION
2. SEE DETOUR PLAN FOR ADDITIONAL SIGNAGE

LEGEND
- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

STA 1000+00

STA 1015+00

STA 54+00

STA 46+00

MATCHLINE

MATCHLINE

MATCHLINE

STH 50

STH 75

STH 83

DO NOT CONSTRUCT WB LEFT TURN LANE PAVEMENT UNTIL STAGE 5

PULL DRUMS BACK FROM YELLOW EDGELINE TO ALLOW ROOM FOR TRUCK TURNING MOVEMENTS

PULL DRUMS BACK FROM YELLOW EDGELINE TO ALLOW ROOM FOR TRUCK TURNING MOVEMENTS

COVERING SIGN TYPE II

ASPHALTIC SURFACE TEMPORARY

CONSTRUCT WB LEFT TURN PAVEMENT IN STAGE 3 MEDIAN CURB & GUTTER TO BE CONSTRUCTED IN STAGE 5.

TEMPORARY PIPE CONNECTION 12-INCH

INSTALL 2X3-FT INLET WITH TYPE S COVER USED ADJUSTMENT RINGS WITH 2X2-FT OPENING

INSTALL INLET WITHOUT COVER
COVER PLATE TEMPORARY
PAVE OVER COVER PLATE WITH ASPHALTIC SURFACE TEMPORARY

TEMPORARY PIPE CONNECTION 18-INCH

SEE NOTE 1

NOTES:
1. BLOCK OPEN END OF STORM SEWER PIPE WITH PLYWOOD OR METAL PLATE UNTIL FUTURE STAGE (INCIDENTAL TO STORM SEWER CONSTRUCTION)

SHEET 54 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 389	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 11:12 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 1030+00

MATCHLINE

ROAD WORK AHEAD
W20-1A

TW4

ESTR

JCT
P5
83

STOP

250TH AVE

END ROAD WORK
G20-2A
48"X24"

250TH AVE R/L

R3-2
24"X24"

SPEED LIMIT
25

SPEED LIMIT
35

END SCHOOL ZONE

ONE WAY
R6-2R
24"X30"

LANE CLOSED
R11-2L
48"X30"

+40
1' RT

+93
7' LT

+66
7' LT

+50
25' RT

+50
22' RT

+85
7' RT

+72
7' RT

11'

25'

1016
1018
1020
1022
1024
1026
1028

STH 50

STH 50 R/L

ASPHALTIC SURFACE TEMPORARY

SEE NOTE 1

ASPHALTIC SURFACE TEMPORARY TRANSITIONS
BETWEEN PROPOSED MEDIAN AND EXISTING WB LANES

+23
13' LT

248TH AVE

WO1-6
48"X24"

248TH AVE R/L

SIDEWALK CLOSED
R9-9
24"X12"

HIGH SCHOOL WEST DRIVEWAY R/L

HIGH SCHOOL WEST DRIVEWAY

P

POS

SPEED LIMIT
35
R2-1
24"X30"

STOP
R1-1
30"X30"

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

NOTES:
1. BLOCK OPEN END OF STORM SEWER PIPE WITH PLYWOOD OR METAL PLATE UNTIL FUTURE STAGE (INCIDENTAL TO STORM SEWER CONSTRUCTION)

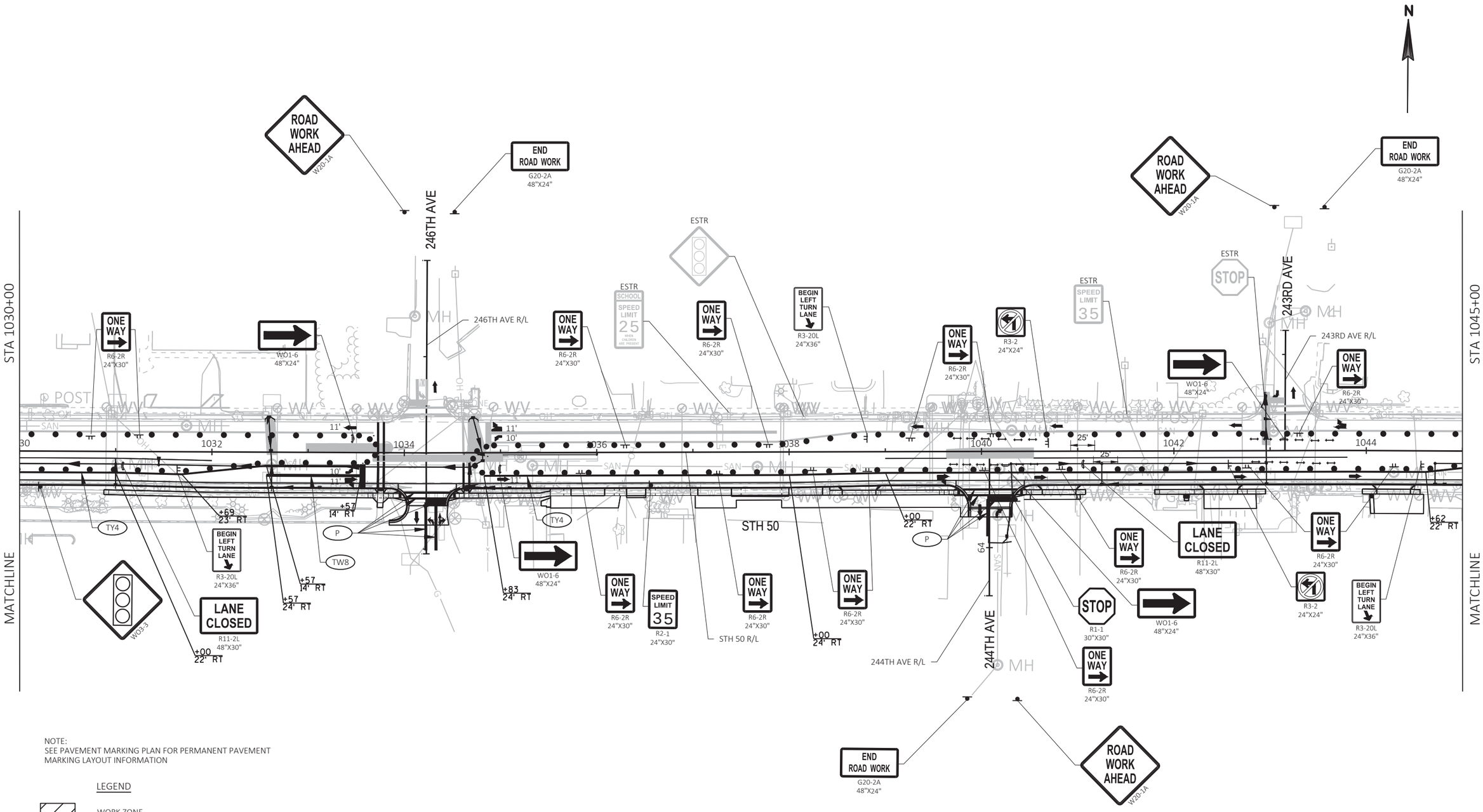
SHEET 55 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 390	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 11:12 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 56 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 391	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 06

PLOT DATE : 7/30/2021 11:12 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ESTR
STOP

WO1-6
48"X24"

ONE WAY
R6-2R
24"X30"

74TH PL

74TH PLACE R/L

ESTR
SPEED LIMIT 35

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

ONE WAY
R6-2R
24"X30"

R3-2
24"X24"

ESTR
SPEED LIMIT 35

STA 1045+00

STA 1060+00

MATCHLINE

MATCHLINE

1046 1048 1050 1052 1054 1056 1058

STH 50 R/L

STH 50

242ND AVE R/L

242ND AVE

TW8

TY4

P

STOP
R1-1
30"X30"

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

SPEED LIMIT 35
R2-1
24"X30"

LANE CLOSED
R11-2L
48"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 57 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 392	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 07
PLOT DATE : 7/30/2021 11:12 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1060+00

STA 1075+00

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

236TH AVE

236TH AVE R/L

ESTR
STOP

WO1-6
48"X24"

ESTR
SPEED LIMIT 35

ONE WAY
R6-2R
24"X30"

ESTR
SPEED LIMIT 35

ESTR
PADDOCK LAKE
POPULATION 2,992

R3-4
24"X24"

SPEED LIMIT 35

TM6 PLACED IN PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

25'

11'

10'

1060
1062
1064
1066
1068
1070
1072
1074

STH 50

STH 50 R/L

+44
15' RT

+44
25' RT

+95
15' RT

+78
25' RT

TW8

TY4

WO1-6
48"X24"

R3-2
24"X24"

TY4

SPEED LIMIT 35
R2-1
24"X30"

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

TM6

EAST 50
M1-6
24"X24"

M3-2
24"X12"

LANE CLOSED
R11-2L
48"X30"

MATCHLINE

MATCHLINE

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 58 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 393	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 08

PLOT DATE : 7/30/2021 11:12 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 1075+00

615' BUFFER SPACE

660' MERGE TAPER

A

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

TM6 PLACED IN PREVIOUS STAGE

TM6 PLACED IN PREVIOUS STAGE

25'

12'

12'

1076

1078

12'
12'

STH 50

25'

+90
37' R1

+89
25' R1

100'

TY4

TM6

COVER SIGN
SPEED LIMIT
55

R3-4
24"X24"

STH 50 R/L

TM6

ESTR

ESTR

HWY 45	2
HWY 94	7
KENOSHA	11

LANE CLOSED
R11-2L
48"X30"

TM10
PLACED IN PREVIOUS STAGE

MATCHLINE

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 59 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 394	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 09

PLOT DATE : 7/30/2021 11:12 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

660'
MERGE TAPER

500'

500'

500'

700'

400'

1300'

1300'

W04-2L

SPEED LIMIT 35
R2-1
48"X60"

SPEED LIMIT 35
W03-5

LEFT LANE CLOSED 1/2 MILE
W20-5SG

MAX. 13' WIDTH
W12-52

ROAD WORK 1 MILE
W20-1F

A

ESTR

R3-4
24"X24"

TM10 PLACED IN PREVIOUS STAGE

TM10 PLACED IN PREVIOUS STAGE

STH 50

MATCHLINE

R3-4
24"X24"

ESTR

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 60 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 395	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:12 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

STA 46+00

STH 83

STH 83 R/L

12'

12'

44

END ROAD WORK
G20-2A
48"X24"

ESTR

ESTR
DO NOT ENTER

ESTR
SPEED LIMIT 45

ESTR

TY4

ESTR

WO1-6
48"X24"

ESTR
Burlington
Lake Geneva
Kenosha

LANE CLOSED
R11-2L
48"X30"

ESTR
WEST NORTHBOUND EAST
50 83 75 50

COVERING SIGNS TYPE II

1000'

500'

500'

ROAD WORK AHEAD
W20-1A

ROAD WORK 1000 FT
W20-1C

ROAD WORK 500 FT
W20-1D

MATCHLINE

SHEET 61 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 396	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 1:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

ROAD WORK 500 FT
W20-1D

ROAD WORK 1000 FT
W20-1C

ROAD WORK AHEAD
W20-1A

500'

500'

1000'

WO1-4L

COVERING SIGNS TYPE II

ESTR
Salem
Kenosha
Lake Geneva

ESTR

ESTR
END
75

STA 54+00

4

STH 75

STH 75

STH 75 R/L

ESTR

ESTR

ESTR
DO NOT ENTER

ESTR
NORTH
75

END
ROAD WORK
G20-2A
48"X24"

MATCHLINE

ESTR
EAST | SOUTH | NORTH | WEST
50 | 83 | 83 | 50

ESTR
INTERNE | NATIONAL
SOUTH | EAST
41 | 94

COVERING SIGNS TYPE II

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 62 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 3	SHEET 397	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026103_S3.DWG
LAYOUT NAME - 12

PLOT DATE : 7/30/2021 11:13 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

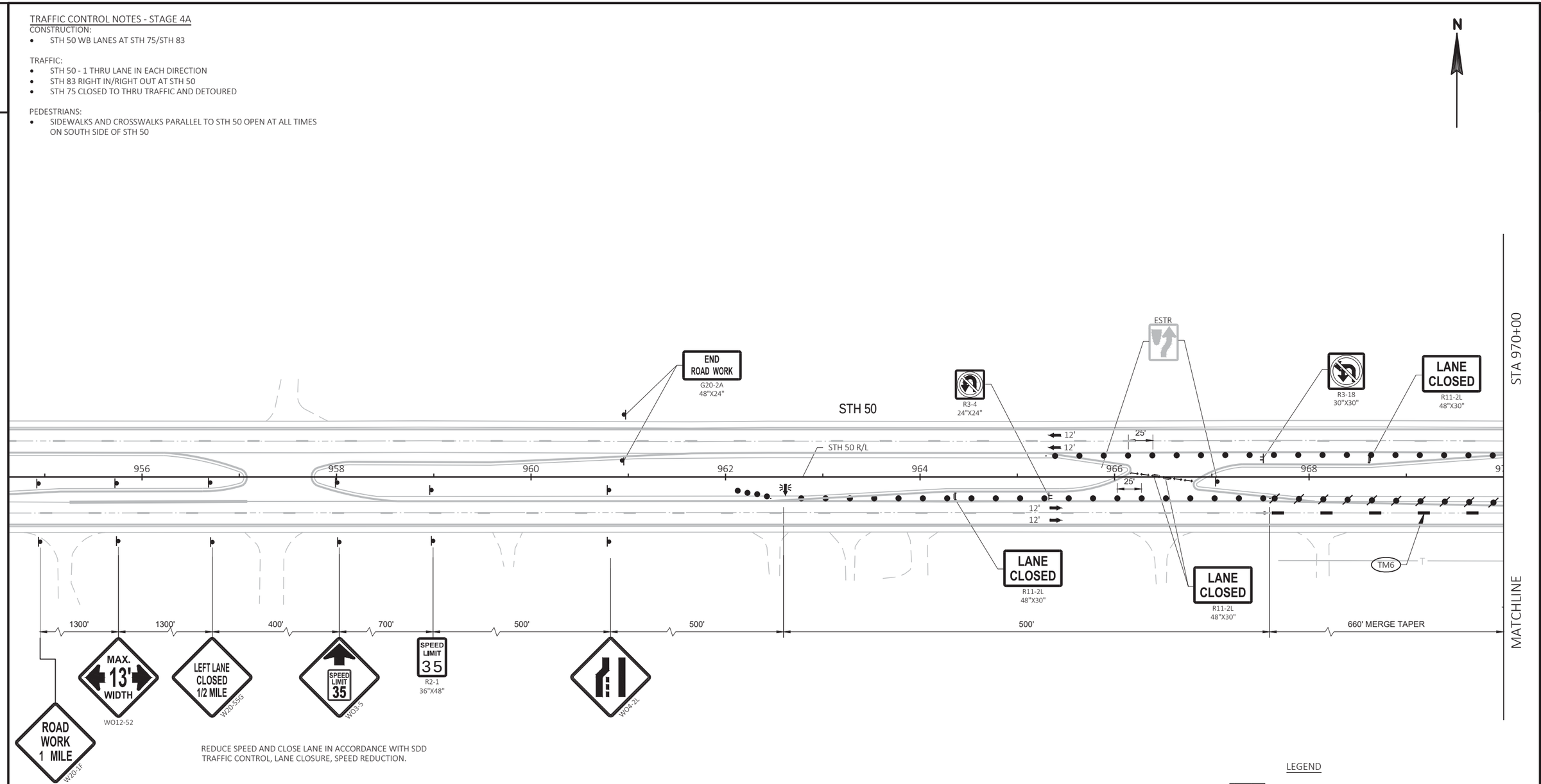
TRAFFIC CONTROL NOTES - STAGE 4A

CONSTRUCTION:
- STH 50 WB LANES AT STH 75/STH 83

TRAFFIC:
- STH 50 - 1 THRU LANE IN EACH DIRECTION
- STH 83 RIGHT IN/RIGHT OUT AT STH 50
- STH 75 CLOSED TO THRU TRAFFIC AND DETOURED

PEDESTRIANS:
- SIDEWALKS AND CROSSWALKS PARALLEL TO STH 50 OPEN AT ALL TIMES ON SOUTH SIDE OF STH 50

2



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 63 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 398	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:13 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

N

MATCHLINE

STA 970+00

STA 985+00

MATCHLINE

STH 50

STH 50 R/L

970 972 974 976 978 980 982 984

25' 12' 12' 25' 12' 11'

LANE CLOSED
R11-2L
48"X30"

R3-18
30"X30"

COVER SIGN
SPEED LIMIT 55

ESTR

WEST NORTH
50 83

+62
25' L T

+34
49' L T

+33
40' L T

+33
25' L T

+10
25' RT

+39
39' RT

ESTR
ONE WAY

ESTR
DO NOT ENTER

TM10 PLACED IN PREVIOUS STAGE

2062' R

TW4

TM6 PLACED IN PREVIOUS STAGE

TY4

2047' R

TM6

600' MERGE TAPER

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

ESTR
WRONG WAY

TY4

COVER SIGN
SPEED LIMIT 35

LANE CLOSED
R11-2L
48"X30"

ESTR
DO NOT ENTER

R3-4
24"X24"

TY4

ONE WAY
R6-2R
24"X30"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

261ST ST

LANE CLOSED
R11-2L
48"X30"
ESTR

EAST SOUTH
50 83

W06-2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 64 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 399	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:13 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 985+00

STA 1000+00

MATCHLINE

MATCHLINE

COVER SIGN

SPEED LIMIT 35

LANE CLOSED
R11-2L
48"X30"

ESTR

2050' R

STH 50 R/L

ROAD CLOSED
R11-2
48"X30"

WO6-1

BUSINESSES ON NORTH SIDE OF STH 50 WEST OF STH 75
TO USE MEDIAN OPENING FOR ACCESS

TW4

+66
21' LT

+22
1' LT

986

988

990

992

994

996

998

+70
1' RT

+70
12' RT

+01
12' RT

+03
2' RT

+70
22' RT

+64
6' LT

+20
14' RT

+87
28' RT

2062' R

25'

11'

11'

+15
15' RT

STH 50

+02
23' RT

+01
13' RT

+78
2' RT

TY4

TY4

TY4
DOUBLE

TM6
PLACED IN
PREVIOUS STAGE

ESTR
SPEED LIMIT 35

SPEED LIMIT 35
R2-1
24"X30"

TM10

WO1-6
48"X24"

WO6-3

ESTR
JCT
COUNTY F

ESTR

SPEED LIMIT 35
R2-1
24"X30"

M1-5A
24"X24"

COUNTY F

M6-1
21"X21"

STOP
R1-1
30"X30"

P

CTH F

350'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT
PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 65 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 400	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:13 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

PEDESTRIAN STAGING NOTES:
STAGE 4A1: SIDEWALK ON EAST SIDE OF STH 75 CLOSED.
SIDEWALK ON WEST SIDE OF STH 75 OPEN. BOTH CROSSWALKS ACROSS STH 50 OPEN

STAGE 4A2: SIDEWALK ON WEST SIDE OF STH 75 CLOSED.
SIDEWALK ON EAST SIDE OF STH 75 OPEN. BOTH CROSSWALKS ACROSS STH 50 OPEN.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

NOTE: SEE DETOUR PLAN FOR ADDITIONAL SIGNAGE

N

STA 1000+00
STA 1015+00
STA 54+00
STA 46+00
MATCHLINE
MATCHLINE
MATCHLINE
STH 50
STH 50 R/L
STH 75
STH 83
STH 83 R/L
ESTR
ESTR
ESTR
ROAD CLOSED
R11-2
48"X30"
DRIVEWAY TO REMAIN OPEN
DRIVEWAY TO REMAIN OPEN
TEMPORARY CURB RAMP PARALLEL
TEMPORARY PEDSTRIAN SURFACE PLYWOOD
TEMPORARY CURB RAMP PARALLEL
TEMPORARY PEDESTRIAN SURFACE PLYWOOD
TEMPORARY PEDESTRIAN SURFACE PLYWOOD
TEMPORARY CURB RAMP PARALLEL
TEMPORARY PEDESTRIAN BARRICADE
STH 75 R/L
INSTALL INLET WITH TYPE S COVER USE ADJUSTMENT RINGS WITH 2X2-FT OPENING
STAGE 4A1 ONLY
SIDEWALK CLOSED CROSS HERE
R9-11A
24"X12"
STAGE 4A2 ONLY
SIDEWALK CLOSED CROSS HERE
R9-11A
24"X12"
STAGE 4A2 ONLY
SIDEWALK CLOSED CROSS HERE
R9-11A
24"X12"
STAGE 4A2 ONLY
SIDEWALK CLOSED CROSS HERE
R9-11A
24"X12"
STAGE 4A1 ONLY
SIDEWALK CLOSED CROSS HERE
R9-11A
24"X12"
ROAD CLOSED
R11-2
48"X30"
WO1-7
48"X24"
STAGE 4A2 PEDESTRIAN ROUTE
M3-4 24"X12" WEST 50 NORTH 83 M1-6 24"X24" M3-1 24"X12"
SPEED LIMIT 35
R2-1
24"X30"
BEGIN LEFT TURN LANE
R3-20L
24"X36"
BEGIN RIGHT TURN LANE
R3-20R
24"X36"
LANE CLOSED
R11-2L
48"X30"
ONE WAY
R6-2R
24"X30"
R3-18
30"X30"
MOUNT TO MARKER POST CLOSET TO INTERSECTION
W6-4
12"X18"
INSTALL BOTH INLETS 2X3-FT WITH TYPE S CASTING USE ADJUSTMENT RINGS WITH 2X2-FT OPENING
M3-3 24"X12" SOUTH 83 M1-6 24"X24"
M6-1 21"X21"
M5-1R 21"X21"
R4-7
24"X30"
M3-4 24"X12" SOUTH WEST NORTH M3-3 24"X12" M3-1 24"X12" M1-6 24"X24" M1-6 24"X24" 83 50 83 M6-1 21"X21" MB6-1 21"X21" M6-1 21"X21"
M3-4 24"X12" SOUTH WEST NORTH M3-3 24"X12" M3-1 24"X12" M1-6 24"X24" M1-6 24"X24" M5-1L 21"X21" 83 50 83 M6-1 21"X21" MB6-1 21"X21"
PROVIDE 2-WAY ACCESS IN DRIVEWAY DURING STAGE 4A
WO1-6
48"X24"
SPEED LIMIT 35
R2-1
24"X30"
LANE CLOSED
R11-2L
48"X30"
M3-4 24"X12" WEST NORTH EAST M3-3 24"X12" M3-2 24"X12" M1-6 24"X24" 50 83 50 M6-1 21"X21" MB6-1 21"X21" MB6-1 21"X21"
SPEED LIMIT 35
R2-1
24"X30"
EAST 50
M3-2 24"X12"
M1-6 24"X24"
W06-3
MB4-1 24"X12" ALTERNATE ALTERNATE MB4-1 24"X12"
MB3-3 24"X12" SOUTH EAST MB3-2 24"X12"
M1-1 24"X24" ALTERNATE 41 ALTERNATE 94 M1-1 24"X24"
MB6-1 21"X21" MB6-1 21"X21"
TW8
TW4
TY4
TY4 DOUBLE
TSB
+00 12' RT
+00 22' RT
+94 12' RT
+58 12' RT
+05 25' RT
+55 13' RT
+55 23' RT
+43 2' RT
+43 13' RT
+10 12' RT
+10 23' RT
1002
1004
1006
1008
1010
1012
1014
25'
11'
10'
TILE
POST
MH
GV
SIGN
SHEET 66 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 401	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 04
PLOT DATE : 7/30/2021 11:13 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

N

STA 1030+00

MATCHLINE

ROAD WORK AHEAD
W20-1A

TACO BELL ACCESS FROM EITHER 250TH AVE OR STRIP MALL MEDIAN OPENING

250TH AVE

END ROAD WORK
G20-2A
48"X24"

LEAVE GAP IN DRUMS FOR BUSINESS ACCESS

250TH AVE R/L

ESTR
STOP

ESTR
SPEED LIMIT
25

R3-2
24"X24"

WO1-6
48"X24"

+67
8' RT
+96
9' LT
+08
40' LT
+36
36' LT
35' R
+29
12" RT
45' R
+82
10' RT
+39
9' RT
+40
1' RT
754' R
761' R
+95
23' LT
+09
31' LT
+09
20' LT
750' R
+39
20' RT
765' R
+41
12' RT
+97
12' LT

TW4

TY4

ONE WAY
R6-2R
24"X30"

LANE CLOSED
R11-2L
48"X30"

ESTR
SPEED LIMIT
35

WO6-2

STH 50

STH 50 R/L

LANE CLOSED
R11-2L
48"X30"

ROAD WORK AHEAD
W20-1A

248TH AVE

END ROAD WORK
G20-2A
48"X24"

248TH AVE R/L

SIDEWALK CLOSED
R9-9
24"X12"

HIGH SCHOOL WEST DRIVEWAY R/L

HIGH SCHOOL WEST DRIVEWAY

STOP
R1-1
30"X30"

WO6-1

REDUCE SPACING OF FLEXIBLE TUBULAR MARKERS TO 5 FEET THROUGH INTERSECTION

1016 1018 1020 1022 1024 1026 1028

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 67 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 402	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 11:13 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

STA 1030+00

STA 1045+00

MATCHLINE

MATCHLINE

246TH AVE

246TH AVE R/L

243RD AVE

243RD AVE R/L

244TH AVE

244TH AVE R/L

STH 50

STH 50 R/L

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ESTR

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

SCHOOL
SPEED LIMIT
25
WHEN CHILDREN ARE PRESENT

BEGIN LEFT TURN LANE
R3-20L
24"X36"

SPEED LIMIT
35

R3-2
24"X24"

STOP
R1-1
30"X30"

LANE CLOSED
R11-2L
48"X30"

WO3-3

SPEED LIMIT
35

R2-1
24"X30"

11'
10'

25'

64

1032
1034
1036
1038
1040
1042
1044

MH
SAN
POST
WV

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 68 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 403	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 06

PLOT DATE : 7/30/2021 11:13 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ESTR
STOP

WO1-6
48"X24"

ONE WAY
R6-2R
24"X30"

74TH PL

74TH PLACE R/L

ESTR
SPEED LIMIT 35

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

ONE WAY
R6-2R
24"X30"

R3-2
24"X24"

ESTR
SPEED LIMIT 35

STA 1045+00

STA 1060+00

MATCHLINE

MATCHLINE

242ND AVE R/L

242ND AVE

STOP
R1-1
30"X30"

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

SPEED LIMIT 35
R2-1
24"X30"

R3-2
24"X24"

ONE WAY
R6-2R
24"X30"

LANE CLOSED
R11-2L
48"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

STH 50

STH 50 R/L

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 69 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 404	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:13 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 1060+00

STA 1075+00

MATCHLINE

MATCHLINE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

236TH AVE

236TH AVE R/L

ESTR
STOP

WO1-6
48"X24"

96

11'

11'

ESTR
SPEED LIMIT 35

ONE WAY
R6-2R
24"X30"

ESTR
SPEED LIMIT 35

ESTR
PADDOCK LAKE
POPULATION 2,992

R3-4
24"X24"

SPEED LIMIT 35

TM6 PLACED IN PREVIOUS STAGE

25'

LANE CLOSED
R11-2L
48"X30"

1060 1062 1064 1066 1068 1070 1072 1074

10'
11'

11'

STH 50

STH 50 R/L

25'

TM6 PLACED IN PREVIOUS STAGE

WO1-6
48"X24"

R3-2
24"X24"

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

EAST
50
M1-6
24"X24"

M3-2
24"X12"

LANE CLOSED
R11-2L
48"X30"

SPEED LIMIT 35
R2-1
24"X30"

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 405	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 11:13 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1075+00

615' BUFFER SPACE

660' MERGE TAPER

A

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

TM6 PLACED IN PREVIOUS STAGE

TM6 PLACED IN PREVIOUS STAGE

25'

12'

12'

1076

1078

12'

12'

25'

STH 50

MATCHLINE

TM6 PLACED IN PREVIOUS STAGE

100'

COVER SIGN
SPEED LIMIT
55

R3-4
24"X24"

STH 50 R/L

TM6 PLACED IN PREVIOUS STAGE

ESTR

ESTR

HWY 45	2
HWY 94	7
KENOSHA	11

LANE CLOSED
R11-2L
48"X30"

PLACED IN PREVIOUS STAGE TM10

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 71 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 406	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 09

PLOT DATE : 7/30/2021 11:13 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

660'
MERGE TAPER

500'

500'

W04-2L

500'

SPEED LIMIT 35
R2-1
48"X60"

700'

SPEED LIMIT 35
W03-5

400'

LEFT LANE CLOSED 1/2 MILE
W20-5SG

1300'

MAX. 13' WIDTH
W012-52

1300'

ROAD WORK 1 MILE
W20-1F

A

ESTR

R3-4
24"X24"

TM10 PLACED IN PREVIOUS STAGE

TM10 PLACED IN PREVIOUS STAGE

STH 50

MATCHLINE

R3-4
24"X24"

ESTR

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 72 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 407	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

END ROAD WORK
G20-2A
48"X24"

ESTR

WO1-6
48"X24"

ESTR
DO NOT ENTER

ESTR
SPEED LIMIT 45

STH 83 R/L

STA 46+00

12'
12'

STH 83

44

+97
14' RT

TW8

GUY

ESTR

500'
500'
500'
500'

ROAD WORK AHEAD
W20-3A

MAX. 13' WIDTH
WO12-52
48"X48"

ROAD WORK 1000 FT
W20-1C

ROAD WORK 500 FT
W20-1D

ESTR
WEST NORTH NORTH EAST
50 83 75 50

ESTR
Burlington
Lake Geneva
Kenosha

COVERING SIGNS TYPE II

MATCHLINE

SHEET 73 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 408	E

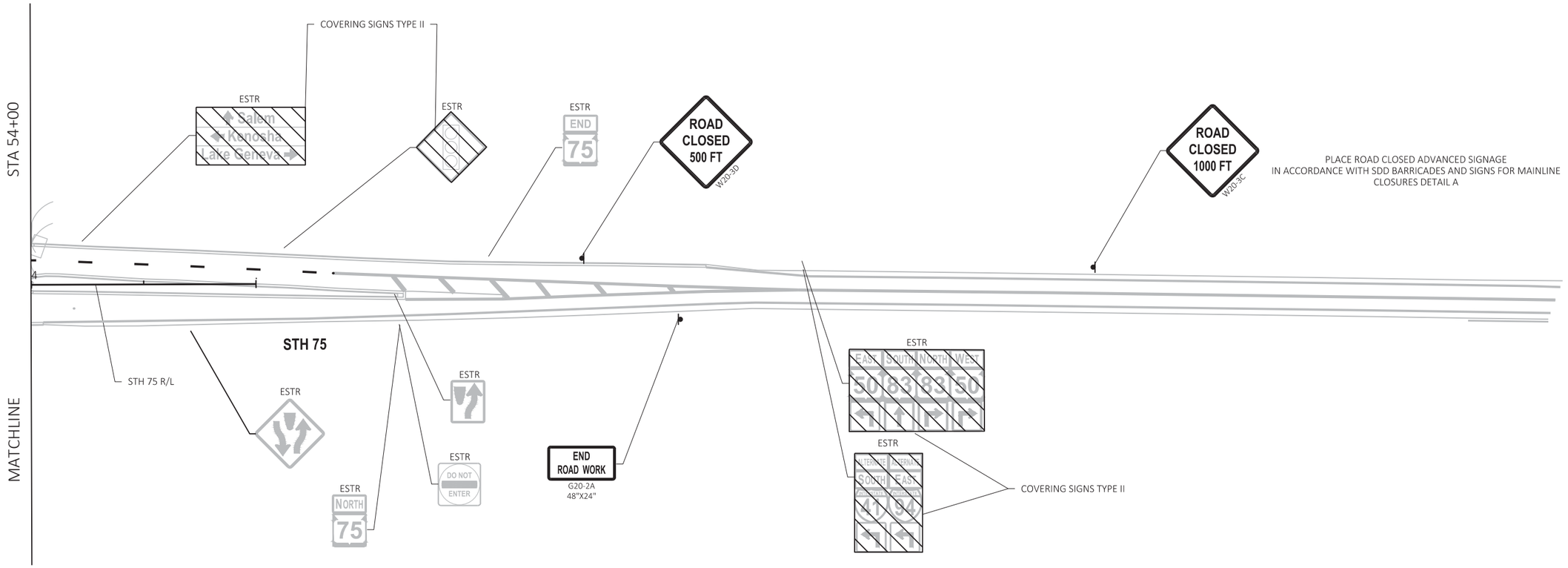
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE: SEE DETOUR PLAN FOR ADDITIONAL SIGNAGE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY



SHEET 74 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4A	SHEET 409	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4A.DWG
LAYOUT NAME - 12

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

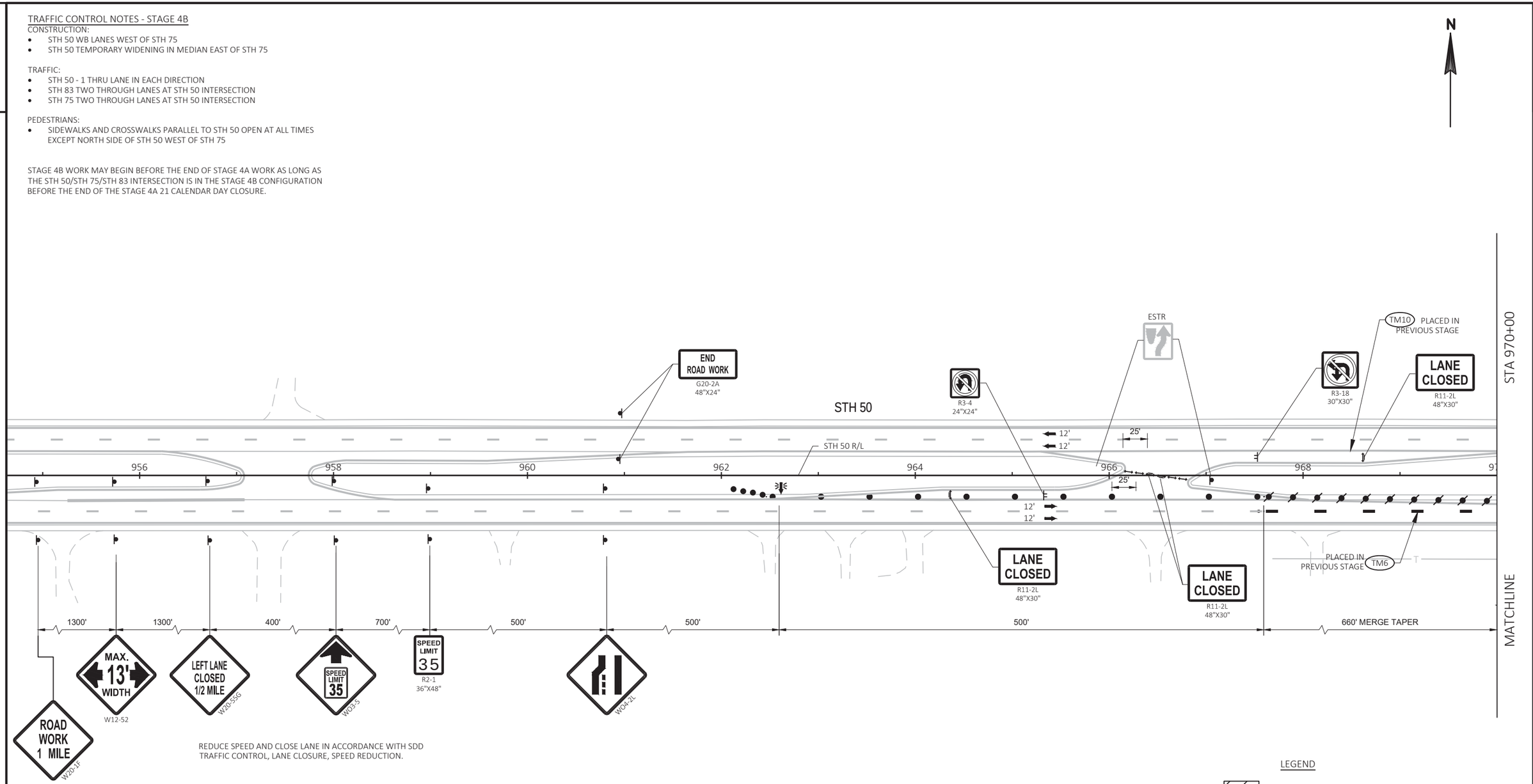
TRAFFIC CONTROL NOTES - STAGE 4B

CONSTRUCTION:
- STH 50 WB LANES WEST OF STH 75
- STH 50 TEMPORARY WIDENING IN MEDIAN EAST OF STH 75

TRAFFIC:
- STH 50 - 1 THRU LANE IN EACH DIRECTION
- STH 83 TWO THROUGH LANES AT STH 50 INTERSECTION
- STH 75 TWO THROUGH LANES AT STH 50 INTERSECTION

PEDESTRIANS:
- SIDEWALKS AND CROSSWALKS PARALLEL TO STH 50 OPEN AT ALL TIMES EXCEPT NORTH SIDE OF STH 50 WEST OF STH 75

STAGE 4B WORK MAY BEGIN BEFORE THE END OF STAGE 4A WORK AS LONG AS THE STH 50/STH 75/STH 83 INTERSECTION IS IN THE STAGE 4B CONFIGURATION BEFORE THE END OF THE STAGE 4A 21 CALENDAR DAY CLOSURE.



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 75 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 410	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

MATCHLINE

STA 970+00

STA 985+00

MATCHLINE

LANE CLOSED
R11-2L
48"X30"

ESTR

R3-18
30"X30"

COVER SIGN
SPEED LIMIT
55

STH 50

LANE CLOSED
R11-2L
48"X30"

ESTR
WEST NORTH
50 83

ESTR

ESTR
ONE WAY

ESTR

R3-18
30"X30"

ESTR
DO NOT ENTER

TM6 PLACED IN PREVIOUS STAGE

TM10 PLACED IN PREVIOUS STAGE

970 972 974 976 978 STH 50 R/L 980 982 984

25'

12'

12'

25'

11'

POST POST POST POST

R3-4
24"X24"

600' MERGE TAPER

TM6 PLACED IN PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

ESTR
WRONG WAY

COVER SIGN
SPEED LIMIT
35

LANE CLOSED
R11-2L
48"X30"

ESTR
DO NOT ENTER

R3-4
24"X24"

END ROAD WORK
G20-2A
48"X24"

ONE WAY
R6-2R
24"X30"

261ST ST

ROAD WORK AHEAD
W20-1A

LANE CLOSED
R11-2L
48"X30"
ESTR

EAST SOUTH
50 83

W06-2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 76 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 411	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 985+00

STA 1000+00

COVER SIGN
SPEED LIMIT 35

ESTR

LANE CLOSED
R11-2L
48"X30"

2050' R

986 988 990 992 994 996 998

STH 50 R/L

25'

11' 11'

STH 50

W06-1

ROAD CLOSED
R11-2
48"X30"

BUSINESSES ON NORTH SIDE OF STH 50 WEST OF STH 75
TO USE MEDIAN OPENING FOR ACCESS

ADJUST INLET AND INSTALL TYPE H
COVER TO FINAL GRADE IN STAGE 4B
OR STAGE 4C.

SPEED LIMIT 35
R2-1
24"X30"

ESTR
SPEED LIMIT 35

WO1-6
48"X24"

W06-3

ESTR
JCT
COUNTY F

ESTR

SPEED LIMIT 35
R2-1
24"X30"

M1-5A
24"X24"
COUNTY F

M6-1
21"X21"

STOP
R1-1
30"X30"

SIDEWALK CLOSED
CROSS HERE
R9-11A
24"X12"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

CTH F

360

MATCHLINE

MATCHLINE

TM6 PLACED IN PREVIOUS STAGE

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT
PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 77 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 412	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

NOTE: SEE DETOUR PLAN FOR ADDITIONAL SIGNAGE

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STA 54+00

STA 46+00

STH 50

STH 75

STH 83

STH 75 R/L

STH 50 R/L

STH 83 R/L

ESTR

M3-4 24"X12" WEST / M1-6 24"X24" 50 / M3-1 24"X12" NORTH / M1-6 24"X24" 83

CLOSE DRIVEWAY DURING CONCRETE PLACEMENT. ACCESS TO STH 50 AT CTH F INTERSECTION.

SPEED LIMIT 35 — R2-1 24"X30"

M3-2 24"X12" EAST / M3-3 24"X12" SOUTH / M3-1 24"X12" NORTH / M3-4 24"X12" WEST — 50 83 83 50 — MB6-1 21"X21" (x4)

WO1-6 48"X24"

SIDEWALK CLOSED CROSS HERE — R9-11A 24"X12"

TW4

+64 1' RT

+01 34' LT 55' R

+64 11' LT

+58 24' RT

+60 34' RT

+32 34' RT

+64 2' RT

P

RIGHT LANE ENDS — W9-1R 36"X36"

R4-7 24"X30"

TEMPORARY PEDESTRIAN BARRICADE

65' R

25'

1002 1004 1006 1008 1010 1012 1014

11' 10' 11' 10'

BEGIN RIGHT TURN LANE — R3-20R 24"X36"

TW8

M3-1 24"X12" NORTH / M1-6 24"X24" 75 / M3-3 24"X12" SOUTH / M1-6 24"X24" 83 — MB6-1 21"X21" / M6-1 21"X21"

MOUNT TO MARKER POST CLOSET TO INTERSECTION

W6-4 12"X18"

M3-3 24"X12" SOUTH / M1-6 24"X24" 83 — M5-1R 21"X21"

M3-3 24"X12" SOUTH / M1-6 24"X24" 83 — R4-7 24"X30" — ESTR

ONE WAY — R6-2R 24"X30"

LANE CLOSED — R11-2L 48"X30"

M3-4 24"X12" SOUTH / M3-1 24"X12" WEST / M3-3 24"X12" NORTH / M1-6 24"X24" SOUTH — 83 50 83 — M6-1 21"X21" / MB6-1 21"X21" / M6-1 21"X21"

M3-4 24"X12" SOUTH / M3-1 24"X12" WEST / M3-3 24"X12" NORTH / M1-6 24"X24" SOUTH / M5-1L 21"X21" / M6-1 21"X21" — 83 50 83 — MB6-1 21"X21"

PROVIDE 2-WAY ACCESS IN DRIVEWAY DURING STAGE 4B

WO1-6 48"X24"

LANE CLOSED — R11-2L 48"X30"

SPEED LIMIT 35 — R2-1 24"X30"

M3-4 24"X12" WEST / M3-1 24"X12" NORTH / M3-3 24"X12" NORTH / M3-2 24"X12" EAST / M1-6 24"X24" — 50 83 75 50 — MB6-1 21"X21" (x4)

SPEED LIMIT 35 — R2-1 24"X30"

W6-4 12"X18" MOUNT TO MARKER POST CLOSET TO INTERSECTION

WO6-3

M3-2 24"X12" EAST / M1-6 24"X24" 50

MB4-1 24"X12" ALTERNATE / MB4-1 24"X12" ALTERNATE / MB3-3 24"X12" SOUTH / MB3-2 24"X12" EAST / M1-1 24"X24" ALTERNATE 41 / M1-1 24"X24" ALTERNATE 94 — MB6-1 21"X21" / MB6-1 21"X21"

SHEET 78 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 413	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 1030+00

STA 1030+00

MATCHLINE

MATCHLINE

ROAD WORK AHEAD
W20-1A

TACO BELL ACCESS FROM EITHER 250TH AVE OR STRIP MALL MEDIAN OPENING

250TH AVE

END ROAD WORK
G20-2A
48"X24"

250TH AVE R/L

ESTR
SPEED LIMIT 25

LEAVE GAP IN DRUMS FOR BUSINESS ACCESS

R3-2
24"X24"

WO1-6
48"X24"

ONE WAY
R6-2R
24"X30"

ESTR
SPEED LIMIT 35

LANE CLOSED
R11-2L
48"X30"

WO6-2

WEDGE ASPHALT TRANSITION BETWEEN CONCRETE PAVEMENT AND WB THROUGH LANE

ROAD WORK AHEAD
W20-1A

248TH AVE

END ROAD WORK
G20-2A
48"X24"

ESTR
STOP

WO1-6
48"X24"

248TH AVE R/L

SIDEWALK CLOSED
R9-9
24"X12"

ONE WAY
R6-2R
24"X30"

ESTR

ONE WAY
R6-2R
24"X30"

1016 1018 1020 1022 1024 1026 1028

11'

11'

STH 50

STH 50 R/L

R3-2
24"X24"

LANE CLOSED
R11-2L
48"X30"

R3-2
24"X24"

HIGH SCHOOL WEST DRIVEWAY R/L

SIDEWALK CLOSED
R9-9
24"X12"

ASPHALTIC SURFACE TEMPORARY

SEE NOTE 1

STOP
R1-1
30"X30"

WO6-1

REDUCE SPACING OF FLEXIBLE TUBULAR MARKERS TO 5 FEET THROUGH INTERSECTION

HIGH SCHOOL WEST DRIVEWAY

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

NOTES:
1. BLOCK OPEN END OF STORM SEWER PIPE WITH PLYWOOD OR METAL PLATE UNTIL FUTURE STAGE (INCIDENTAL TO STORM SEWER CONSTRUCTION)

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 414	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 05
PLOT DATE : 7/30/2021 11:14 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

STA 1030+00

STA 1045+00

MATCHLINE

MATCHLINE

246TH AVE

246TH AVE R/L

243RD AVE

243RD AVE R/L

244TH AVE

244TH AVE R/L

STH 50

STH 50 R/L

CONSTRUCT WB LEFT TURN LANE PAVEMENT IN STAGE 5

CONSTRUCT USING A 14 CALENDAR DAY CLOSURE OF STH 50 MEDIAN.
MAINTAIN ONE CROSSWALK ACROSS STH 50 AT ALL TIMES.

TEMPORARY PIPE CONNECTION 15-INCH

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

ESTR
SCHOOL
SPEED LIMIT
25
WHEN CHILDREN ARE PRESENT

SPEED LIMIT
35
R2-1
24"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

STOP
R1-1
30"X30"

R3-2
24"X24"

WO3-3

11'
10'
25'
64

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 80 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 415	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 06

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

STA 1045+00

STA 1060+00

MATCHLINE

MATCHLINE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ESTR
STOP

INSTALL INLET WITH NO COVER
COVER PLATE TEMPORARY

CONSTRUCT WB LEFT TURN
LANE PAVEMENT IN STAGE 5

WO1-6
48"X24"

ONE WAY
R6-2R
24"X30"

74TH PL

74TH PLACE R/L

TEMP PIPE
CONNECTION
21-INCH

SEE NOTE 1

ESTR
SPEED LIMIT
35

BEGIN LEFT TURN LANE
R3-20L
24"X36"

LANE CLOSED
R11-2L
48"X30"

ONE WAY
R6-2R
24"X30"

R3-2
24"X24"

TEMPORARY PIPE
CONNECTION 15-INCH

ESTR
SPEED LIMIT
35

TEMPORARY PIPE
CONNECTION 15-INCH

25'

11'

11'

10'

10'

10'

11'

11'

1046

1048

1050

1052

1054

1056

1058

STH 50 R/L

STH 50

25'

242ND AVE R/L

242ND AVE

ONE WAY
R6-2R
24"X30"

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

STOP
R1-1
30"X30"

INSTALL BOTH INLET WITH TYPE S COVERS
USE ADJUSTMENT RINGS WITH 2X2-FT OPENING

TEMPORARY PIPE
CONNECTION 12-INCH

R3-2
24"X24"

ONE WAY
R6-2R
24"X30"

SPEED LIMIT
35
R2-1
24"X30"

LANE CLOSED
R11-2L
48"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

END ROAD WORK
G20-2A
48"X24"

CONSTRUCT USING A 14 CALENDAR DAY
CLOSURE OF STH 50 MEDIAN.
MAINTAIN ONE CROSSWALK ACROSS STH 50 AT ALL TIMES.

ROAD WORK AHEAD
W20-1A

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

NOTES:
1. BLOCK OPEN END OF STORM SEWER PIPE WITH PLYWOOD OR METAL PLATE UNTIL FUTURE STAGE (INCIDENTAL TO STORM SEWER CONSTRUCTION)

SHEET 81 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 416	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:15 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 1060+00

STA 1075+00

MATCHLINE

MATCHLINE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

236TH AVE

236TH AVE R/L

INSTALL BOTH INLETS WITH NO COVER
COVER PLATE TEMPORARY
COVER OVER PLATE WITH ASPHALTIC
SURFACE TEMPORARY

ESTR
STOP

ESTR
SPEED LIMIT 35

ESTR
SPEED LIMIT 35

ESTR
PADDOCK LAKE
POPULATION 2,992

SPEED LIMIT 35

WO1-6
48"X24"

TEMPORARY CONNECTION
24-INCH

ONE WAY
R6-2R
24"X30"

TEMPORARY CONNECTION 18-INCH
TO EXISTING INLET TO WEST

R3-4
24"X24"

TM6 PLACED IN
PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

TEMPORARY
PIPE CONNECTION
12-INCH

11'
11'
10'
11'
11'

25'
25'

1060
1062
1064
1066
1068
1070
1072
1074

STH 50

STH 50 R/L

R3-2
24"X24"

WO1-6
48"X24"

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

EAST
50
M1-6
24"X24"

M3-2
24"X12"

TM6 PLACED IN
PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

CONSTRUCT USING A 14 CALENDAR DAY
CLOSURE OF STH 50 MEDIAN.

SPEED LIMIT
35
R2-1
24"X30"

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE
USED IN FUTURE STAGES

WORK CONSTRUCTED
UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 417	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 11:15 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1075+00

615' BUFFER SPACE

660' MERGE TAPER

A

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

TM6 PLACED IN PREVIOUS STAGE

25'

12'

1076

1078

12'
12'

STH 50

TM6 PLACED IN PREVIOUS STAGE

MATCHLINE

25'

TM6 PLACED IN PREVIOUS STAGE

100'

COVER SIGN
SPEED LIMIT
55

R3-4
24"X24"

STH 50 R/L

TM6 PLACED IN PREVIOUS STAGE

ESTR

ESTR

HWY 45	2
HWY 94	7
KENOSHA	11

LANE CLOSED
R11-2L
48"X30"

TM10 PLACED IN PREVIOUS STAGE

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 83 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 418	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 09

PLOT DATE : 7/30/2021 11:15 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

660'
MERGE TAPER

500'

500'

W04-2L

500'

SPEED LIMIT 35
R2-1
48"X60"

700'

SPEED LIMIT 35
W03-5

400'

LEFT LANE CLOSED 1/2 MILE
W20-5SG

1300'

MAX. 12' WIDTH
W12-52

1300'

ROAD WORK 1 MILE
W20-1F

A

ESTR

R3-4
24"X24"

TM10 PLACED IN PREVIOUS STAGE

TM10 PLACED IN PREVIOUS STAGE

STH 50

MATCHLINE

R3-4
24"X24"

ESTR

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 84 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 419	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:15 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

STA 46+00

MATCHLINE

STH 83

STH 83 R/L

44

P

GUY

END ROAD WORK
G20-2A
48"X24"

ESTR

ESTR
DO NOT ENTER

ESTR
SPEED LIMIT 45

ESTR

ESTR

ESTR
WEST NORTH NORTH EAST
50 83 75 50

ESTR
Burlington
Lake Geneva
Kenosha

500'

500'

500'

500'

ROAD WORK AHEAD
W20-3A

MAX. 13' WIDTH
W12-52

ROAD WORK 1000 FT
W20-1C

ROAD WORK 500 FT
W20-1D

SHEET 85 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 420	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 11:15 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK 500 FT
W20-1D

ROAD WORK 1000 FT
W20-1C

MAX. 13' WIDTH
W12-52

ROAD WORK AHEAD
W20-1A

500' 500' 500' 500'

STA 54+00

ESTR
Salem
Kenosha
Lake Geneva

ESTR

ESTR
END
75

4

STH 75

STH 75 R/L

ESTR

ESTR

ESTR
DO NOT
ENTER

ESTR
NORTH
75

END
ROAD WORK
G20-2A
48"X24"

ESTR
EAST SOUTH NORTH WEST
50 83 83 50

ESTR
ALTERNATE ALTERNATE
SOUTH EAST
INTERSTATE INTERSTATE
41 94

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 86 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4B	SHEET 421	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4B.DWG
LAYOUT NAME - 12

PLOT DATE : 7/30/2021 11:15 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

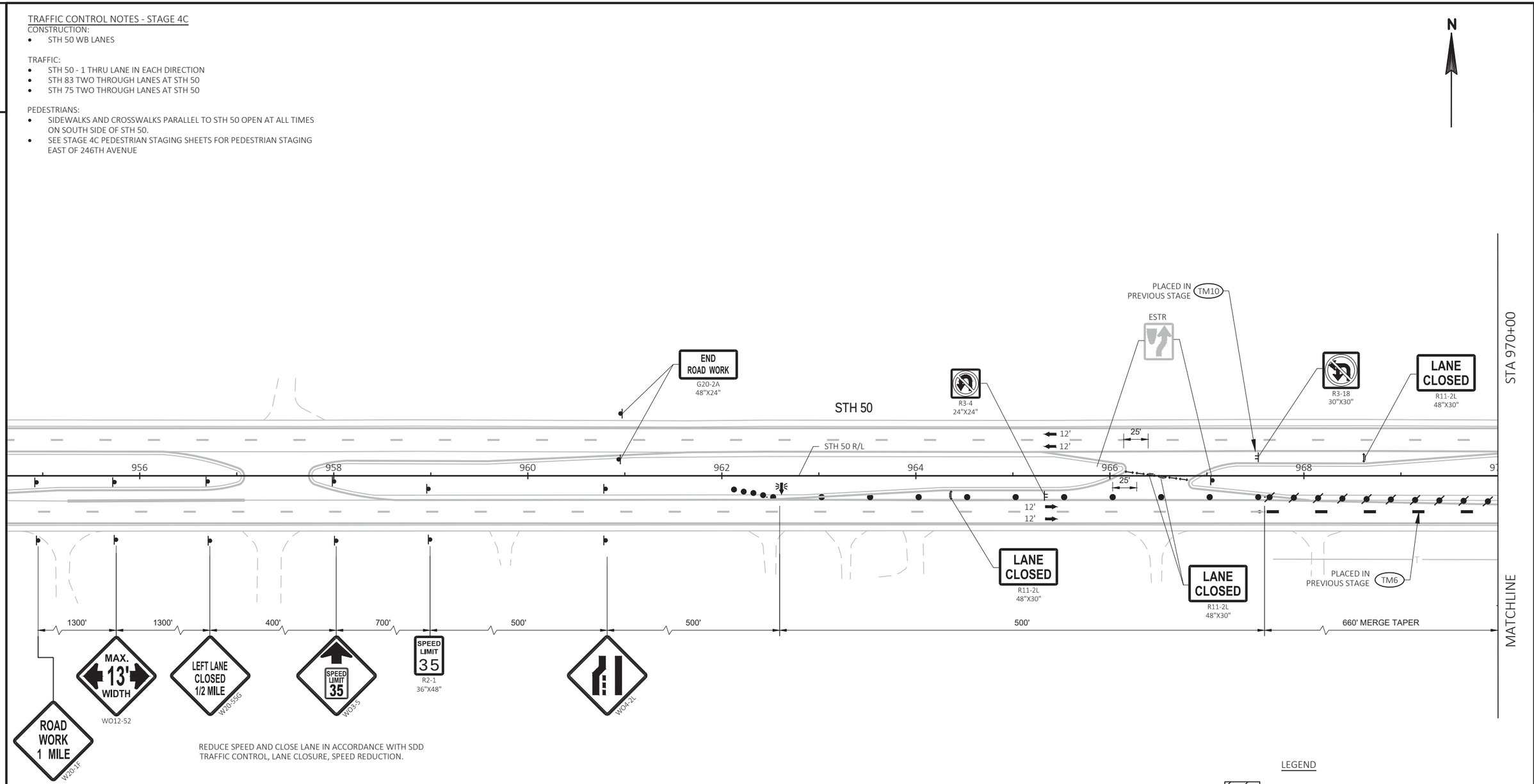
2

TRAFFIC CONTROL NOTES - STAGE 4C

CONSTRUCTION:
- STH 50 WB LANES

TRAFFIC:
- STH 50 - 1 THRU LANE IN EACH DIRECTION
- STH 83 TWO THROUGH LANES AT STH 50
- STH 75 TWO THROUGH LANES AT STH 50

PEDESTRIANS:
- SIDEWALKS AND CROSSWALKS PARALLEL TO STH 50 OPEN AT ALL TIMES ON SOUTH SIDE OF STH 50.
- SEE STAGE 4C PEDESTRIAN STAGING SHEETS FOR PEDESTRIAN STAGING EAST OF 246TH AVENUE



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 87 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 422	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:15 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

N

MATCHLINE

STA 970+00

STA 985+00

MATCHLINE

STH 50

STH 50 R/L

970 972 974 976 978 980 982 984

LANE CLOSED
R11-2L
48"X30"

ESTR

R3-18
30"X30"

COVER SIGN
SPEED LIMIT
55

TM10 PLACED IN PREVIOUS STAGE

ESTR
WEST NORTH
50 83

ESTR

ESTR
ONE WAY

ESTR

R3-18
30"X30"

ESTR
DO NOT ENTER

TM6 PLACED IN PREVIOUS STAGE

TM10 PLACED IN PREVIOUS STAGE

25'

12'
12'

25'

12'

11'

POST POST POST POST

R3-4
24"X24"

600' MERGE TAPER

TM6 PLACED IN PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

ESTR
WRONG WAY

COVER SIGN
SPEED LIMIT
35

LANE CLOSED
R11-2L
48"X30"

ESTR
DO NOT ENTER

R3-4
24"X24"

END ROAD WORK
G20-2A
48"X24"

ONE WAY
R6-2R
24"X30"

261ST ST

ROAD WORK AHEAD
W20-1A

LANE CLOSED
R11-2L
48"X30"
ESTR

EAST SOUTH
50 83

W06-2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 88 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 423	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:16 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 985+00

STA 1000+00

COVER SIGN
SPEED LIMIT 35

ESTR

LANE CLOSED
R11-2L
48"X30"

2050' R

986 988 990 992 994 996 998

STH 50 R/L

W06-1

ROAD CLOSED
R11-2
48"X30"

BUSINESSES ON NORTH SIDE OF STH 50 WEST OF STH 75
TO USE MEDIAN OPENING FOR ACCESS

25'

11' 11'

STH 50

SPEED LIMIT 35
R2-1
24"X30"

ESTR
SPEED LIMIT 35

WO1-6
48"X24"

TM6
PLACED IN PREVIOUS STAGE

W06-3

ESTR
JCT
COUNTY F

ESTR

SPEED LIMIT 35
R2-1
24"X30"

M1-5A
24"X24"
M6-1
21"X21"
COUNTY F

STOP
R1-1
30"X30"

SIDEWALK CLOSED
CROSS HERE
R9-11A
24"X12"

CTH F

350'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

MATCHLINE

MATCHLINE

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT
PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 89 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 424	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:16 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

NOTE: SEE DETOUR PLAN FOR ADDITIONAL SIGNAGE

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

MATCHLINE

STA 54+00

STA 46+00

STH 50

STH 75

STH 83

STH 75 R/L

STH 50 R/L

STH 83 R/L

ESTR

M3-4 24"X12" WEST / M1-6 24"X24" 50 / M3-1 24"X12" NORTH / M1-6 24"X24" 83

M3-2 24"X12" EAST / M3-3 24"X12" SOUTH / M3-1 24"X12" NORTH / M3-4 24"X12" WEST
50 83 83 50
MB6-1 21"X21" MB6-1 21"X21" MB6-1 21"X21" MB6-1 21"X21"

CLOSE DRIVEWAY DURING CONCRETE PLACEMENT. ACCESS TO STH 50 AT CTH F INTERSECTION.

SPEED LIMIT 35 R2-1 24"X30"

WO1-6 48"X24"

TEMPORARY PEDESTRIAN BARRICADE

SIDEWALK CLOSED CROSS HERE R9-11A 24"X12"

SIDEWALK CLOSED CROSS HERE R9-11A 24"X12"

R4-7 24"X30"

RIGHT LANE ENDS W9-1R 36"X36"

M3-4 24"X12" SOUTH WEST NORTH M3-1 24"X12" / M3-3 24"X12" / M1-6 24"X24"
83 50 83
M6-1 21"X21" MB6-1 21"X21" M6-1 21"X21"

M3-4 24"X12" SOUTH WEST NORTH M3-1 24"X12" / M3-3 24"X12" / M1-6 24"X24" / M5-1L 21"X21" / M6-1 21"X21"
83 50 83
MB6-1 21"X21"

PROVIDE 2-WAY ACCESS IN DRIVEWAY DURING STAGE 4C

WO1-6 48"X24"

LANE CLOSED R11-2L 48"X30"

SPEED LIMIT 35 R2-1 24"X30"

25'

1002 1004 1006 1008 1010 1012 1014

11' 10' 11' 10' 11'

+58 24' RT

BEGIN RIGHT TURN LANE R3-20R 24"X36"

TW8

M3-1 24"X12" NORTH SOUTH M3-3 24"X12" / M1-6 24"X24"
75 83
MB6-1 21"X21" M6-1 21"X21"

MOUNT TO MARKER POST CLOSET TO INTERSECTION

W6-4 12"X18"

R4-7 24"X30"

M3-3 24"X12" SOUTH / M1-6 24"X24" 83 / ESTR

M5-1R 21"X21"

W6-4 12"X18" MOUNT TO MARKER POST CLOSET TO INTERSECTION

ONE WAY R6-2R 24"X30"

LANE CLOSED R11-2L 48"X30"

M3-4 24"X12" WEST NORTH NORTH EAST / M3-4 24"X12" / M3-1 24"X12" / M3-1 24"X12" / M3-2 24"X12" / M1-6 24"X24"
50 83 75 50
MB6-1 21"X21" MB6-1 21"X21" MB6-1 21"X21" MB6-1 21"X21"

SPEED LIMIT 35 R2-1 24"X30"

W0G-3

EAST M3-2 24"X12" / M1-6 24"X24" 50

MB4-1 24"X12" ALTERNATE ALTERNATE MB4-1 24"X12" / MB3-3 24"X12" SOUTH EAST MB3-2 24"X12" / M1-1 24"X24" ALTERNATE 41 ALTERNATE 94 M1-1 24"X24"
MB6-1 21"X21" MB6-1 21"X21"

SHEET 90 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 425	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 11:16 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

TACO BELL ACCESS
FROM EITHER 250TH AVE
OR STRIP MALL MEDIAN
OPENING

ESTR

STOP

250TH AVE

END ROAD WORK
G20-2A
48"X24"

250TH AVE R/L

ESTR
SPEED LIMIT
25

LEAVE GAP IN DRUMS FOR BUSINESS ACCESS

R3-2
24"X24"

WO1-6
48"X24"

W06-3

SPEED LIMIT
35
R2-1
24"X30"

R3-2
24"X24"

ROAD WORK AHEAD
W20-1A

ON PORTABLE
SUPPORT

STOP
R1-1
30"X30"

WO1-6
48"X24"

ROAD CLOSED
R11-2
48"X30"

248TH AVE

END ROAD WORK
G20-2A
48"X24"

CONSTRUCT INTERSECTION CLOSED TO TRAFFIC
ALTERNATE CLOSURE WITH 250TH AVE, 246TH AVE AND 243RD AVE.
DO NOT CLOSE MORE THAN TWO INTERSECTIONS AT SAME TIME.
SEE CONSTRUCTION DETAIL

ROAD CLOSED
R11-2
48"X30"

248TH AVE R/L

STA 1030+00

STA 1030+00

1018 1020 1022 1024 1026 1028

11' 11' 11' 11'

+39
9' RT

+39
20' RT

+90
5' RT

+90
20' RT

TW4

TY4

STH 50

STH 50 R/L

SIDEWALK CLOSED
R9-9
24"X12"

CONSTRUCT INTERSECTION CLOSED TO TRAFFIC
ALTERNATE CLOSURE WITH 248TH AVE, 246TH AVE AND 243RD AVE.
DO NOT CLOSE MORE THAN TWO INTERSECTIONS AT SAME TIME.
SEE CONSTRUCTION DETAIL

REDUCE SPACING OF FLEXIBLE TUBULAR MARKERS
TO 5 FEET THROUGH INTERSECTION

REDUCE SPACING OF FLEXIBLE TUBULAR MARKERS
TO 5 FEET THROUGH INTERSECTION

HIGH SCHOOL WEST DRIVEWAY R/L

HIGH SCHOOL WEST DRIVEWAY

MATCHLINE

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 91 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 426	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 11:16 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 1030+00

STA 1045+00

MATCHLINE

MATCHLINE

246TH AVE

243RD AVE

244TH AVE

STH 50

STH 50 R/L

246TH AVE R/L

244TH AVE R/L

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

TEMPORARY PEDESTRIAN BARRICADE

R3-2
24"X24"

WO1-6
48"X24"

+73
3' LT

+34
1' RT

SCHOOL
SPEED LIMIT
25
WHEN CHILDREN ARE PRESENT
S4-51
24"X48"

W3-3
36"X36"

SPEED LIMIT
35
R2-1
24"X30"

CONSTRUCT INTERSECTION CLOSED TO TRAFFIC
ALTERNATE CLOSURE WITH 250TH AVE, 248TH AVE AND 246TH AVE.
DO NOT CLOSE MORE THAN TWO INTERSECTIONS AT SAME TIME.
SEE CONSTRUCTION DETAIL

ON PORTABLE SUPPORT

STOP
R1-1
30"X30"

+69
3' RT

+29
9' RT

ADJUST INLET COVER TO FINAL GRADE

ADJUST MANHOLE COVER TO FINAL GRADE

+71
6' RT

TW4

TY4

TY4 DOUBLE

TW8

+57
1' RT

+57
12' RT

+83
1' RT

+83
12' RT

+83
22' RT

+71
11' RT

+38
9' RT

+38
20' RT

+83
20' RT

25'

64'

REDUCE SPACING OF FLEXIBLE TUBULAR MARKERS TO 5 FEET THROUGH INTERSECTION

REDUCE SPACING OF FLEXIBLE TUBULAR MARKERS TO 5 FEET THROUGH INTERSECTION

CONSTRUCT INTERSECTION CLOSED TO TRAFFIC
ALTERNATE CLOSURE WITH 250TH AVE, 248TH AVE AND 243RD AVE.
DO NOT CLOSE MORE THAN TWO INTERSECTIONS AT SAME TIME.
MAINTAIN ONE CROSSWALK ACROSS STH 50 AT ALL TIMES.
SEE CONSTRUCTION DETAIL

NOTE:
SEE STAGE 4C PEDESTRIAN STAGING PLANS FOR ADDITIONAL SIGNAGE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 92 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 427	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 11:16 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

ROAD WORK AHEAD
W20-1A

ON PORTABLE SUPPORT

END ROAD WORK
G20-2A
48"X24"

STOP
R1-1
30"X30"

CONSTRUCT INTERSECTION IN HALVES

74TH PLACE R/L

74TH PL

LANE CLOSED
R11-2L
48"X30"

STA 1045+00

STA 1060+00

WO1-6
48"X24"

TY4

TY4 DOUBLE

TW4

TW8

+43
0' LT

+64
12' RT

+75
1' RT

+64
22' RT

+52
1' RT

+52
12' RT

LANE CLOSED
R11-2L
48"X30"

R3-2
24"X24"

SPEED LIMIT
35
R2-1
24"X30"

STH 50 R/L

STH 50

1046

1048

1050

1052

1054

1056

1058

1060

11'

10'

+85
4' LT

25'

+19
11' RT

+19
22' RT

+77
12' RT

+77
23' RT

R3-2
24"X24"

+50
10' RT

STOP
R1-1
30"X30"

SPEED LIMIT
35
R2-1
24"X30"

MATCHLINE

MATCHLINE

242ND AVE

242ND AVE R/L

CONSTRUCT USING A 14 CALENDAR DAY
CLOSURE OF STH 50 MEDIAN.
MAINTAIN ONE CROSSWALK ACROSS STH 50 AT ALL TIMES.

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

NOTE:
SEE STAGE 4C PEDESTRIAN STAGING PLANS FOR ADDITIONAL SIGNAGE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 93 OF 121

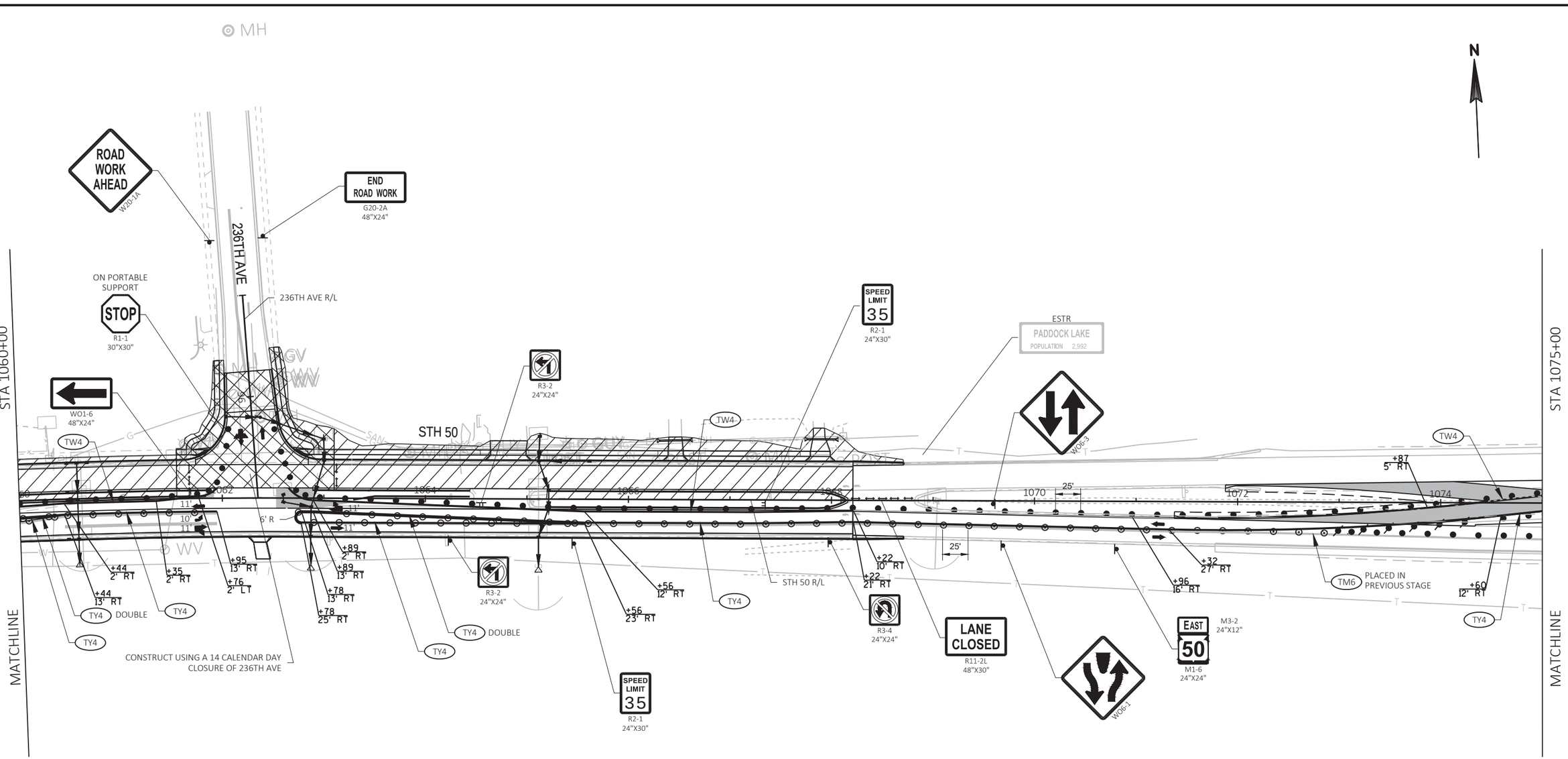
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 428	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:16 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



NOTE:
SEE STAGE 4C PEDESTRIAN STAGING PLANS FOR ADDITIONAL SIGNAGE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 94 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 429	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 11:16 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

STA 1075+00

4050' R

4037' R

+76
26' LT

1076

1078

+78
11' LT

25'

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

25'

W06-2

LANE CLOSED
R11-2L
48"X30"

660' MERGE TAPER

TM6 PLACED IN PREVIOUS STAGE

TW4

12'

12'

TM10

TY4

PLACED IN PREVIOUS STAGE TM6

12'

12'

STH 50

MATCHLINE

TM6 PLACED IN PREVIOUS STAGE

COVER SIGN
SPEED LIMIT
55

R3-4
24"X24"

STH 50 R/L

ESTR

ESTR

HWY 45	2
HWY 94	7
KENOSHA	11

LANE CLOSED
R11-2L
48"X30"

PLACED IN PREVIOUS STAGE TM10

MATCHLINE

A

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 95 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 430	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 09

PLOT DATE : 7/30/2021 11:16 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

660'
MERGE TAPER

500'

500'

500'

700'

400'

1300'

1300'

WO4-2R

R2-1
48"X60"

WO3-5

W20-5G

WO12-52

W20-1F

A

TM6 PLACED IN PREVIOUS STAGE

TW4

ESTR

R3-4
24"X24"

LANE CLOSED
R11-2L
48"X30"

TM10 PLACED IN PREVIOUS STAGE

STH 50

TM10 PLACED IN PREVIOUS STAGE

MATCHLINE

R3-4
24"X24"

ESTR

LANE CLOSED
R11-2L
48"X30"

END ROAD WORK
G20-2A
48"X24"

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 96 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 431	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:16 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

END ROAD WORK
G20-2A
48"X24"

ESTR

ESTR
DO NOT ENTER

ESTR
SPEED LIMIT 45

STA 46+00

STH 83 R/L

STH 83

44

P

GUY

ESTR

ESTR

500'

500'

500'

500'

ROAD WORK AHEAD
W20-3A

MAX. 13' WIDTH
WO12-52
48"X48"

ROAD WORK 1000 FT
W20-1C

ROAD WORK 500 FT
W20-1D

ESTR
WEST NORTH NORTH EAST
50 83 75 50

ESTR
Burlington
Lake Geneva
Kenosha

MATCHLINE

SHEET 97 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 432	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 11:17 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK 500 FT
W20-1D

ROAD WORK 1000 FT
W20-1C

MAX. 13' WIDTH
WO12-52

ROAD WORK AHEAD
W20-1A

500' 500' 500' 500'

STA 54+00

ESTR
Salem
Kenosha
Lake Geneva

ESTR

ESTR
END
75

STH 75

STH 75 R/L

ESTR

ESTR

ESTR
DO NOT
ENTER

ESTR
NORTH
75

END
ROAD WORK
G20-2A
48"X24"

ESTR
EAST SOUTH NORTH WEST
50 83 83 50

ESTR
ALTERNATE ALTERNATE
SOUTH EAST
INTERSTATE INTERSTATE
41 94

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 98 OF 121

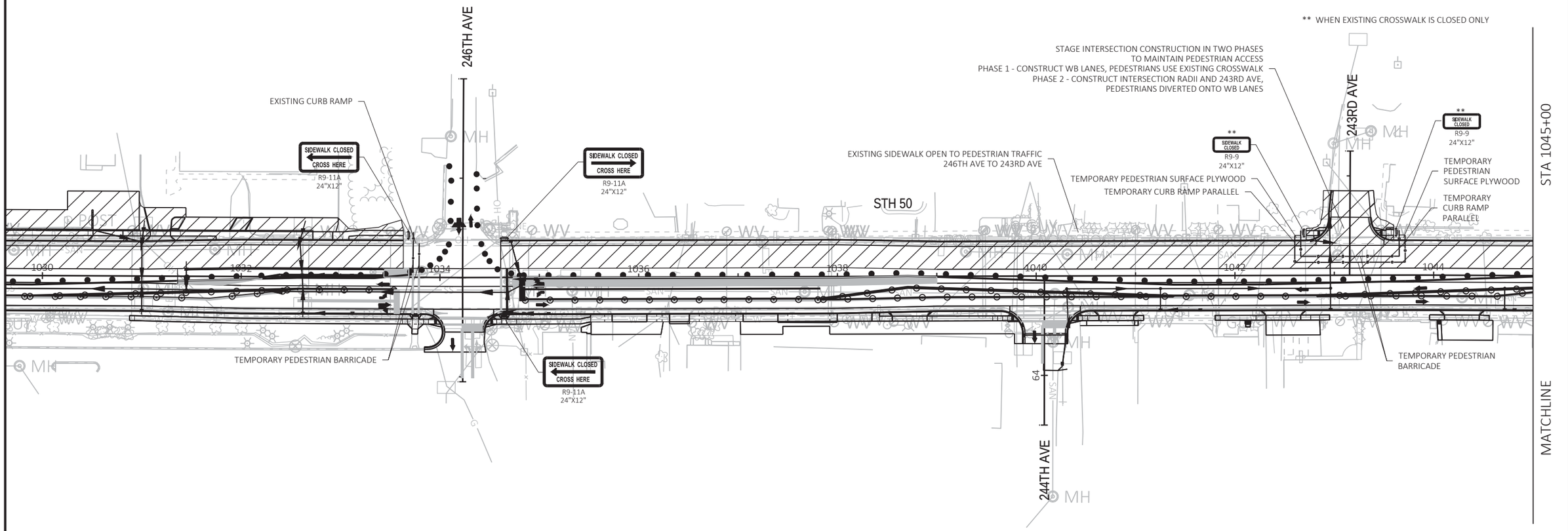
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C	SHEET 433	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104_S4C.DWG
LAYOUT NAME - 12

PLOT DATE : 7/30/2021 11:17 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:
STAGE 4C PEDESTRIAN PLAN IS ONE ALTERNATIVE FOR HOW PEDESTRIANS CAN BE ACCOMMODATED DURING STAGE 4C. THE CONTRACTOR MY PROPOSE ALTERNATIVE CONCEPTS TO THE ENGINEER FOR APPROVAL THAT FITS THE CONTRACTOR'S CONSTRUCTION OPERATIONS THAT SHALL FIT THE FOLLOWING CRITERIA:

- PEDESTRIANS SHALL BE ACCOMMODATED ON THE NORTH SIDE OF STH 50 FROM 246TH AVE TO 236TH DURING THE ENTIRE STAGE
- A PEDESTRIAN CROSSING SHALL NOT BE ALLOWED AT A NON-SIGNALIZED INTERSECTION
- TEMPORARY PEDESTRIAN BARRICADES ARE REQUIRED WHEN SLOPES ADJACENT TO THE PEDESTRIAN ACCESS ROUTE EXCEED 3:1 OR CONSTRUCTION EQUIPMENT IS WITHIN CLOSE PROXIMITY TO THE PEDESTRIAN ACCESS ROUTE



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

1030+00.00

SHEET 99 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C1 PEDESTRIAN	SHEET 434	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104A_S4C1.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 11:17 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

N

EXISTING SIDEWALK OPEN TO PEDESTRIAN TRAFFIC
243RD AVE TO 74TH PLACE

74TH PL

PAVE WB LANES IN HALVES TO MAINTAIN ACCESS TO 74TH PLACE

EXISTING SIDEWALK OPEN TO PEDESTRIAN TRAFFIC
74TH PLACE TO 236TH AVE

STA 1045+00

STA 1060+00

1046 1048 1050 1052 1054 1056 1058

STH 50

242ND AVE

MATCHLINE

MATCHLINE

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 100 OF 121

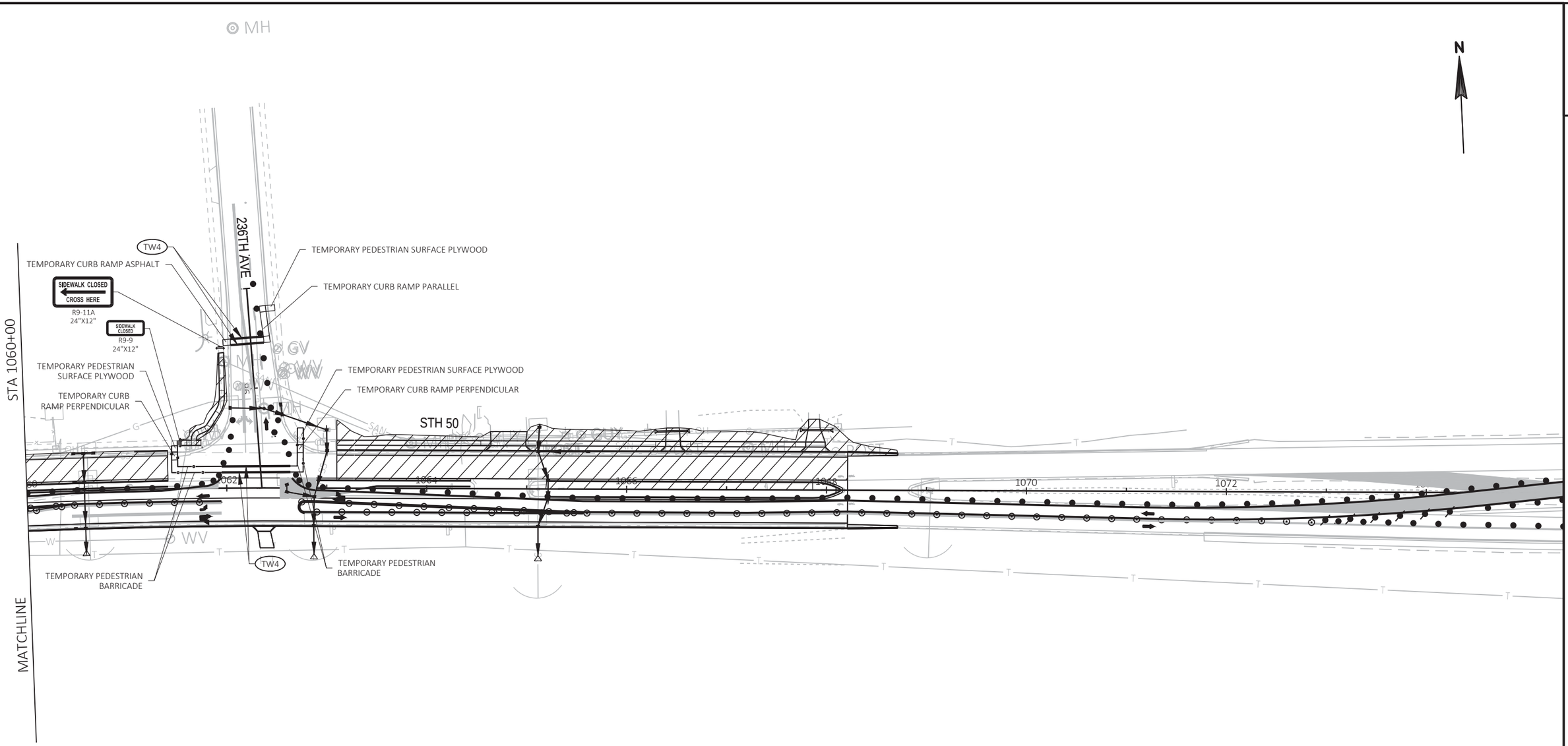
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C1 PEDESTRIAN	SHEET 435	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104A_S4C1.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:17 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

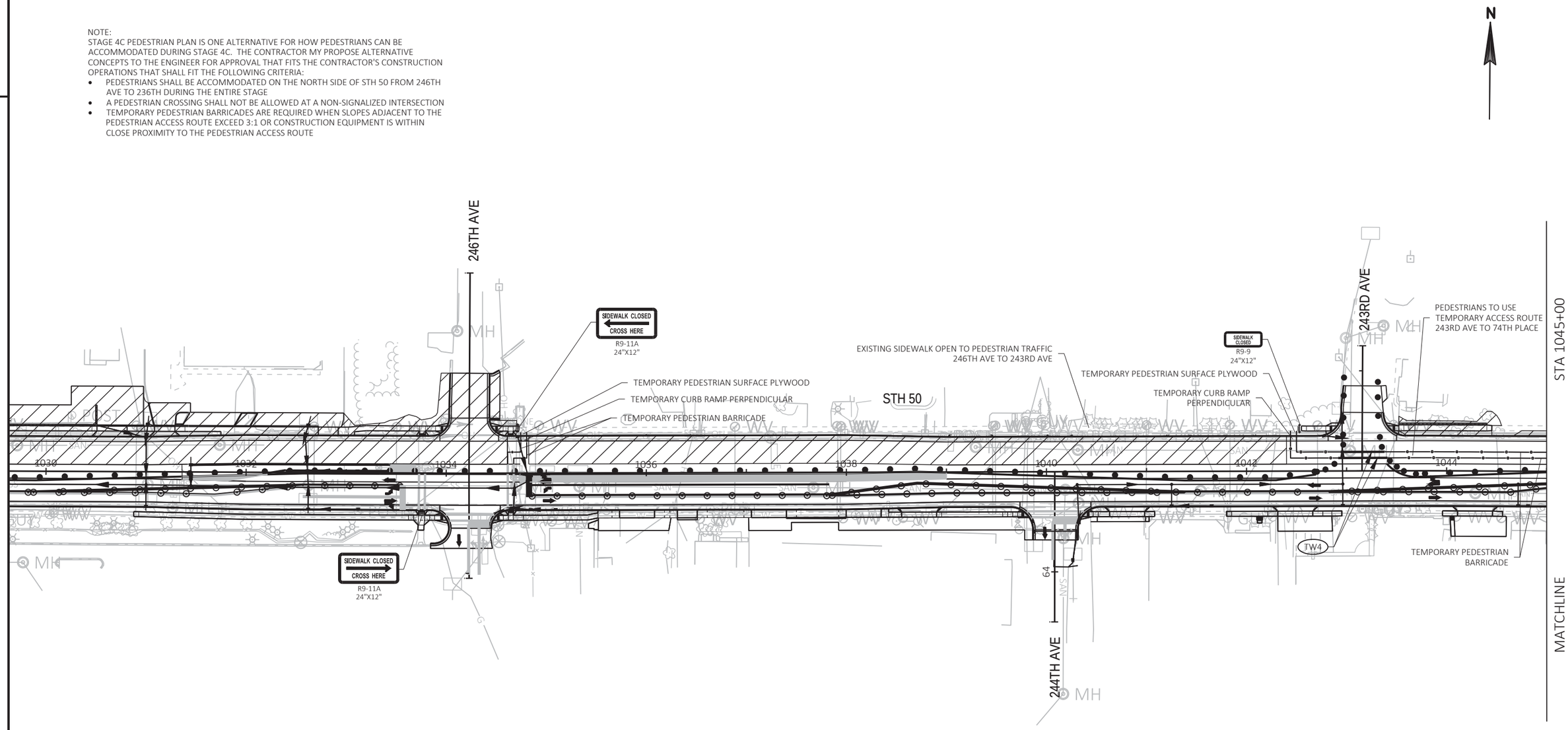
SHEET 101 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C1 PEDESTRIAN	SHEET 436	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104A_S4C1.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 11:17 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

NOTE:
STAGE 4C PEDESTRIAN PLAN IS ONE ALTERNATIVE FOR HOW PEDESTRIANS CAN BE ACCOMMODATED DURING STAGE 4C. THE CONTRACTOR MY PROPOSE ALTERNATIVE CONCEPTS TO THE ENGINEER FOR APPROVAL THAT FITS THE CONTRACTOR'S CONSTRUCTION OPERATIONS THAT SHALL FIT THE FOLLOWING CRITERIA:

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- TEMPORARY PEDESTRIAN BARRICADES ARE REQUIRED WHEN SLOPES ADJACENT TO THE PEDESTRIAN ACCESS ROUTE EXCEED 3:1 OR CONSTRUCTION EQUIPMENT IS WITHIN CLOSE PROXIMITY TO THE PEDESTRIAN ACCESS ROUTE



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

1030+00.00

SHEET 102 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C2 PEDESTRIAN	SHEET 437	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104B_S4C2.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 11:17 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

N

STA 1045+00

STA 1060+00

PEDESTRIANS TO USE TEMPORARY ACCESS ROUTE 243RD AVE TO 74TH PLACE

74TH PL

PAVE INTERSECTION IN HALVES TO MAINTAIN ACCESS TO 74TH PLACE

EXISTING SIDEWALK OPEN TO PEDESTRIAN TRAFFIC 74TH PLACE TO 236TH AVE

SIDEWALK CLOSED
R9-9
24"X12"

TW4

TEMPORARY PEDESTRIAN SURFACE PLYWOOD

TEMPORARY CURB RAMP PERPENDICULAR

1046 1048 1050 1052 1054 1056 1058

STH 50

TEMPORARY PEDESTRIAN BARRICADE

TEMPORARY PEDESTRIAN BARRICADE

242ND AVE

MATCHLINE

MATCHLINE

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

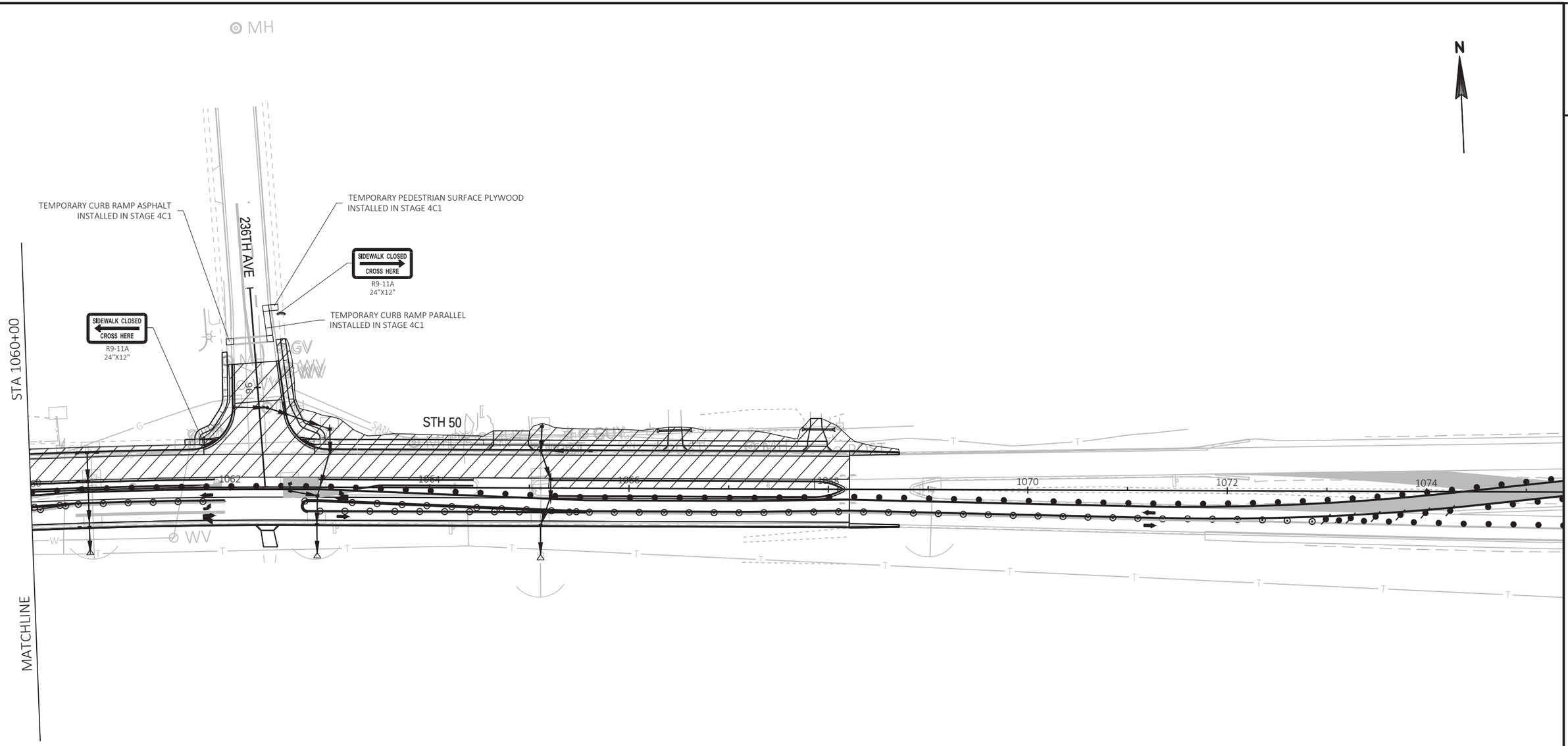
SHEET 103 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C2 PEDESTRIAN	SHEET 438	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104B_S4C2.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:17 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 104 OF 121

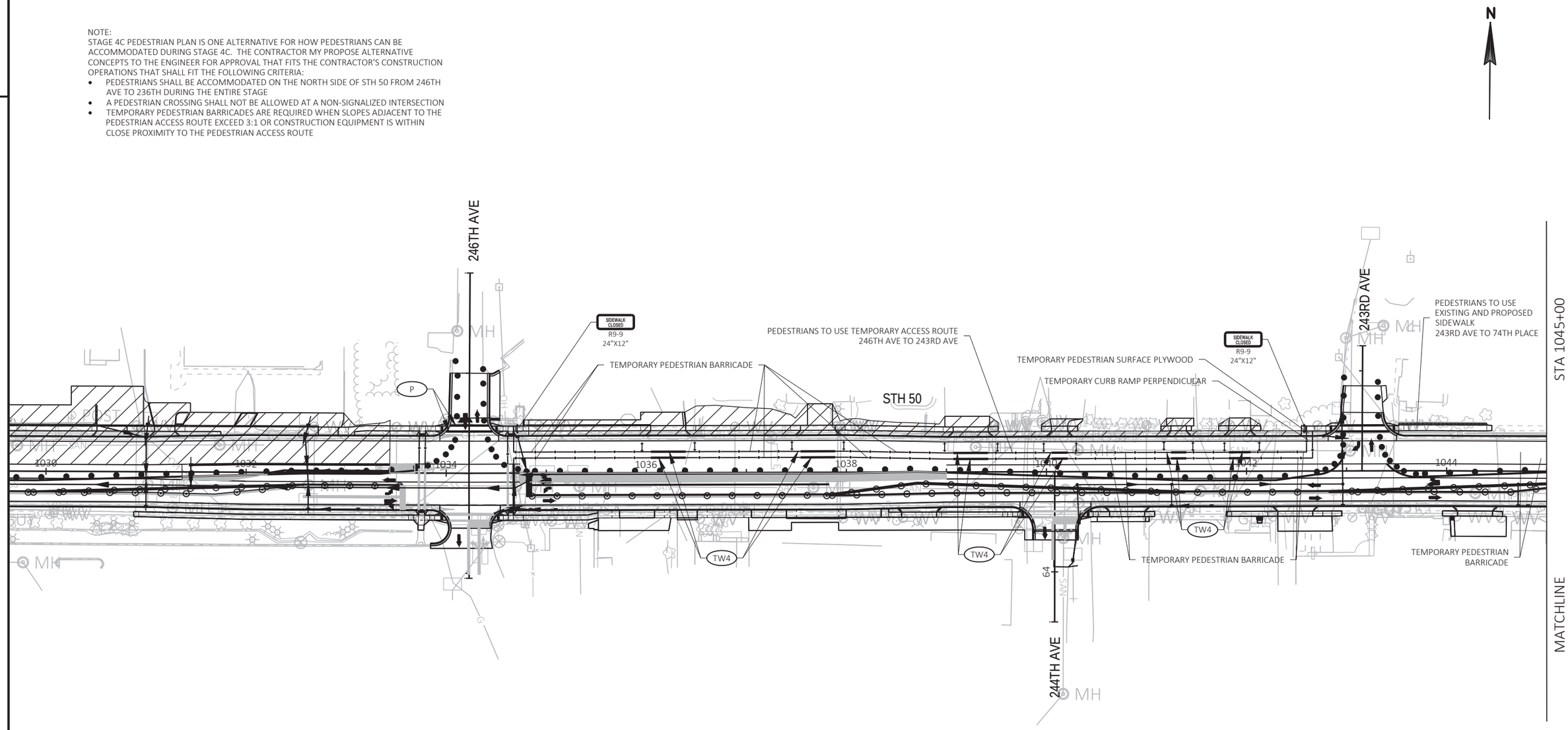
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C2 PEDESTRIAN	SHEET 439	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104B_S4C2.DWG
LAYOUT NAME - 08

PLOT DATE : 7/30/2021 11:18 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTE:
STAGE 4C PEDESTRIAN PLAN IS ONE ALTERNATIVE FOR HOW PEDESTRIANS CAN BE ACCOMMODATED DURING STAGE 4C. THE CONTRACTOR MY PROPOSE ALTERNATIVE CONCEPTS TO THE ENGINEER FOR APPROVAL THAT FITS THE CONTRACTOR'S CONSTRUCTION OPERATIONS THAT SHALL FIT THE FOLLOWING CRITERIA:

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1030+00.00

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 105 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C3 PEDESTRIAN	SHEET 440	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104C_S4C3.DWG
LAYOUT NAME - 06
PLOT DATE : 7/30/2021 11:18 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

N

STA 1045+00

STA 1060+00

PEDESTRIANS TO USE TEMPORARY ACCESS ROUTE 243RD AVE TO 74TH PLACE

74TH PL

SIDEWALK OPEN TO PEDESTRIAN TRAFFIC 74TH PLACE TO 236TH AVE

TEMPORARY PEDESTRIAN SURFACE PLYWOOD

TEMPORARY CURB RAMP PERPENDICULAR

SIDEWALK CLOSED R9-9 24"X12"

TEMPORARY PEDESTRIAN BARRICADE

TW4

STH 50

242ND AVE

MATCHLINE

MATCHLINE

1046 1048 1050 1052 1054 1056 1058

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 106 OF 121

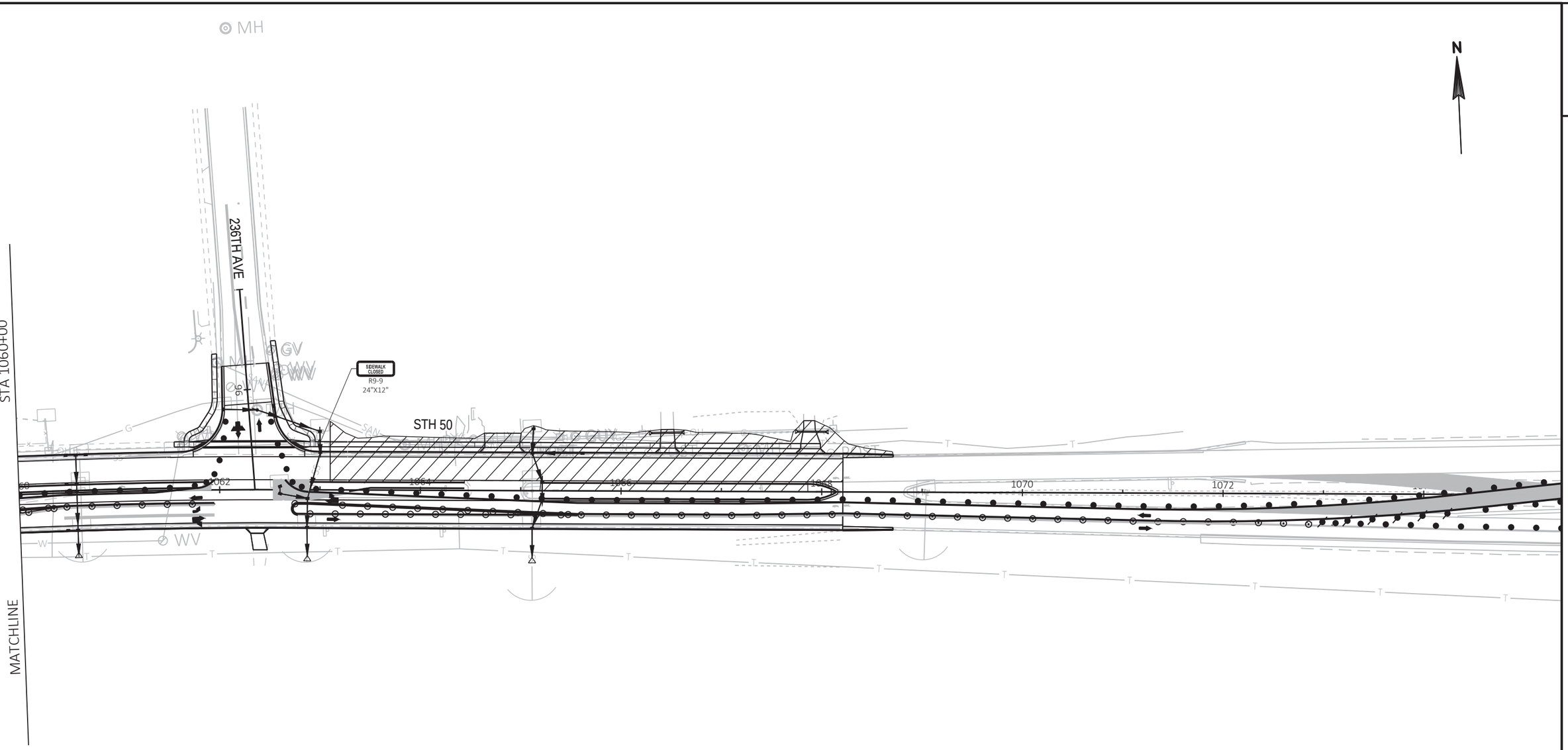
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C3 PEDESTRIAN	SHEET 441	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104C_S4C3.DWG
LAYOUT NAME - 07

PLOT DATE : 7/30/2021 11:18 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 4C3 PEDESTRIAN	SHEET 442	E

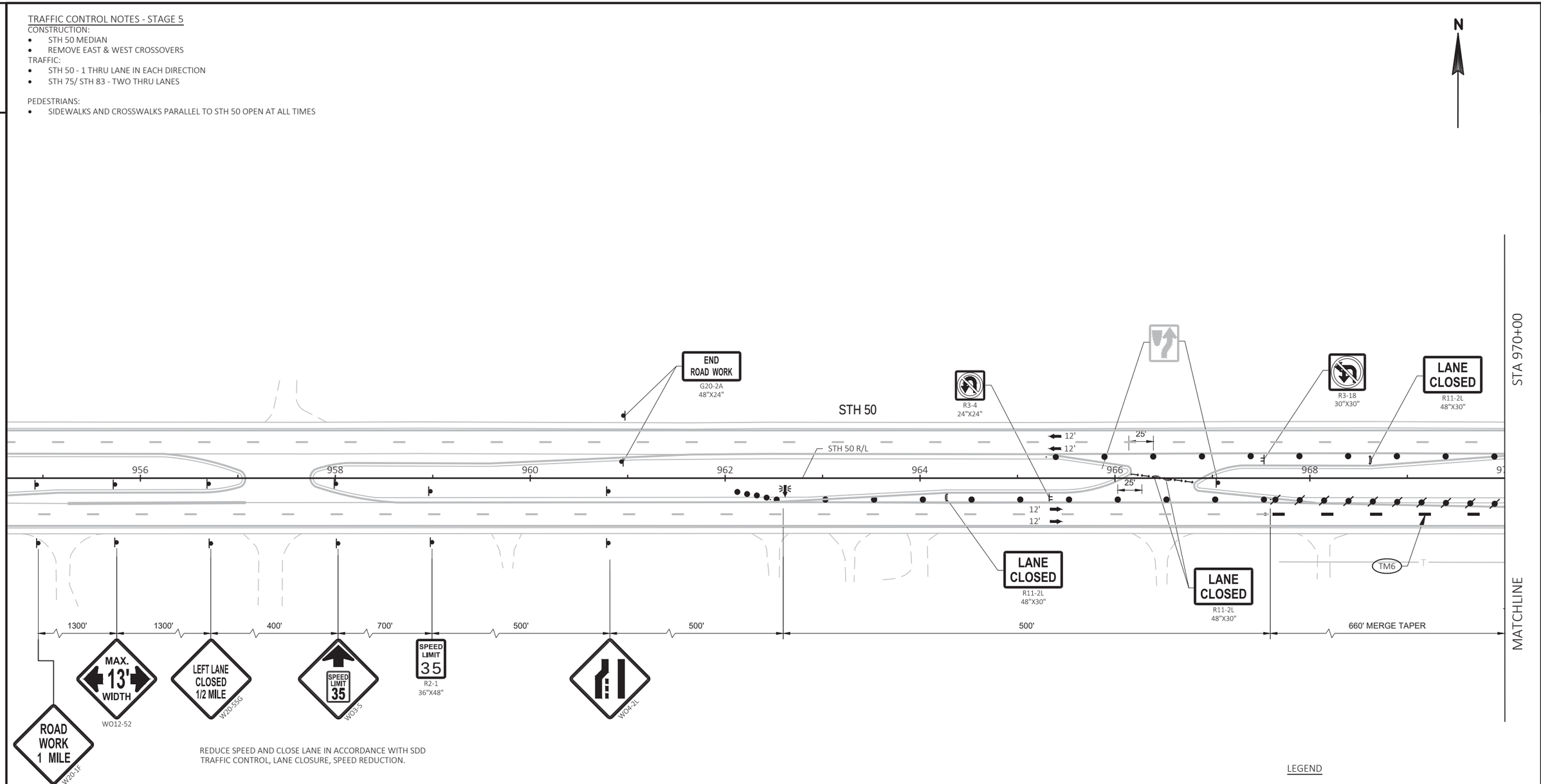
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026104C_S4C3.DWG
LAYOUT NAME - 08
PLOT DATE : 7/30/2021 11:18 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

TRAFFIC CONTROL NOTES - STAGE 5

CONSTRUCTION:
- STH 50 MEDIAN
- REMOVE EAST & WEST CROSSOVERS

TRAFFIC:
- STH 50 - 1 THRU LANE IN EACH DIRECTION
- STH 75/ STH 83 - TWO THRU LANES

PEDESTRIANS:
- SIDEWALKS AND CROSSWALKS PARALLEL TO STH 50 OPEN AT ALL TIMES



REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 108 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 443	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:18 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

2

N

MATCHLINE

STA 970+00

STA 985+00

MATCHLINE

LANE CLOSED
R11-2L
48"X30"

ESTR

R3-18
30"X30"

COVER SIGN
SPEED LIMIT
55

STH 50

LANE CLOSED
R11-2L
48"X30"

ESTR
WEST NORTH
50 83

ESTR
WRONG WAY

ESTR
DO NOT ENTER

ESTR
ONE WAY

ESTR

ESTR
DO NOT ENTER

BEGIN LEFT TURN LANE
R3-20L
24"X36"

WO1-6
48"X24"

ESTR
EAST SOUTH
50 83

R3-4
24"X24"

600' MERGE TAPER

LANE CLOSED
R11-2L
48"X30"

COVER SIGN
SPEED LIMIT
35

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

261ST ST

TM6

TY4

970 972 974 976 978 STH 50 R/L 980 982 984

25' 12' 12' 25' 12' 11'

+36 25' LT
+36 37' LT
+19 36' LT
+59 36' LT
+59 25' LT
+59 36' LT
+59 25' LT
+58 37' LT

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 109 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 444	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 02

PLOT DATE : 7/30/2021 11:18 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 985+00

STA 1000+00

MATCHLINE

MATCHLINE

COVER SIGN

SPEED LIMIT 35

ESTR

LANE CLOSED
R11-2L
48"X30"

R3-18
30"X30"

LANE CLOSED
R11-2L
48"X30"

LANE CLOSED
R11-2L
48"X30"

TY4

SPEED LIMIT 35
R2-1
24"X30"

REMOVE TYPE S CASTING AND ADJUSTMENT RINGS
ADJUST INLET AND INSTALL TYPE H CASTING
TO FINAL GRADE

MOVE DRUMS 4 FEET BACK FROM YELLOW EDGELINE AT INTERSECTION
TO PROVIDE FOR TRUCK TURNING MOVEMENTS AT CTH F INTERSECTION

LANE CLOSED
R11-2L
48"X30"

+98
22' LT

+76
22' LT

+76
10' LT

11'

10'

986

988

990

992

994

996

998

25'

25'

STH 50 R/L

STH 50

+21
23' RT

+26
25' RT

+38
10' RT

+03
2' RT

+78
2' RT

SPEED LIMIT 35
R2-1
24"X30"

ESTR
SPEED LIMIT 35

R3-18
30"X30"

ESTR
JCT
COUNTY F

ESTR

SPEED LIMIT 35
R2-1
24"X30"

R3-18
30"X30"

M1-5A
24"X24"

COUNTY F

M6-1
21"X21"

STOP
R1-1
30"X30"

MB4-1
24"X12"

MB4-1
24"X12"
MB3-1
24"X12"

ALTERNATE
NORTH

MB3-4
24"X12"

ALTERNATE
WEST

M1-1
24"X24"

INTERSTATE 41

INTERSTATE 94

M1-1
24"X24"

MB5-1L
21"X21"

MB5-1L
21"X21"

CTH F

350'

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT
PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 110 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 445	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 03

PLOT DATE : 7/30/2021 11:18 AM

PLOT BY : BLACKWOOD, JIM

PLOT NAME :

PLOT SCALE : 1 IN:100 FT

2

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

STA 1000+00

STA 1015+00

MATCHLINE

MATCHLINE

STA 54+00

STA 46+00

STH 50

STH 75

STH 83

STH 75 R/L

STH 50 R/L

STH 83 R/L

ESTR

ESTR

R4-7 24"X30"

W9-1R 36"X36"

R4-7 24"X30"

W3-3 36"X36"

R4-7 24"X30"

M3-2 24"X12" EAST 50 M6-1 21"X21"
M3-3 24"X12" SOUTH 83 M6-1 21"X21"
M3-1 24"X12" NORTH 83 M6-1 21"X21"
M3-4 24"X12" WEST 50 M6-1 21"X21"

M3-4 24"X12" WEST 50 M1-6 24"X24"
M3-1 24"X12" NORTH 83 M1-6 24"X24"

M3-3 24"X12" SOUTH 83 M1-6 24"X24" M5-1R 21"X21"

M3-3 24"X12" SOUTH 83 M1-6 24"X24"
M3-1 24"X12" NORTH 83 M1-6 24"X24"
M3-1 24"X12" NORTH 75 M1-6 24"X24"
MB6-1 21"X21" MB6-1 21"X21" MB6-1 21"X21"

MB4-1 24"X12" ALTERNATE NORTH INTERSTATE 41 MB6-1 21"X21"
MB4-1 24"X12" ALTERNATE WEST INTERSTATE 94 MB6-1 21"X21"
MB3-1 24"X12" MB1-1 24"X24"
MB3-4 24"X12"

M3-3 24"X12" SOUTH 83 M1-6 24"X24"
M3-4 24"X12" WEST 50 M5-1L 21"X21"
M3-1 24"X12" NORTH 83 M6-1 21"X21"
M3-1 24"X12" NORTH 75 M5-1R 21"X21"

MB4-1 24"X12" ALTERNATE NORTH INTERSTATE 41 M5-1R 21"X21"
MB4-1 24"X12" ALTERNATE WEST INTERSTATE 94 M5-1R 21"X21"
MB3-1 24"X12" MB1-1 24"X24"
MB3-4 24"X12"

M2-1 21"X15" JCT COUNTY F M1-5A 24"X24"

ONE WAY R6-2R 24"X30"

SPEED LIMIT 35 R2-1 24"X30"

LANE CLOSED R11-2L 48"X30"

BEGIN RIGHT TURN LANE R3-20R 24"X36"

BEGIN LEFT TURN LANE R3-20L 24"X36"

ONE WAY R6-2R 24"X30"

M3-3 24"X12" SOUTH 83 M1-6 24"X24" M5-1R 21"X21"

M3-3 24"X12" SOUTH 75 M1-6 24"X24"
M3-1 24"X12" NORTH 83 M6-1 21"X21"

M3-3 24"X12" SOUTH 83 M1-6 24"X24" ESTR

ONE WAY R6-2R 24"X30"

LANE CLOSED R11-2L 48"X30"

M3-2 24"X12" EAST 50 M1-6 24"X24" M6-1 21"X21"

LANE CLOSED R11-2L 48"X30"

SPEED LIMIT 35 R2-1 24"X30"

BEGIN LEFT TURN LANE R3-20L 24"X36"

M3-2 24"X12" EAST 50 M1-6 24"X24"

STOP R1-1 30"X30"

BEGIN LEFT TURN LANE R3-20L 24"X36"

MB4-1 24"X12" ALTERNATE SOUTH INTERSTATE 41 MB6-1 21"X21"
MB4-1 24"X12" ALTERNATE EAST INTERSTATE 94 MB6-1 21"X21"
MB3-1 24"X12" MB3-2 24"X12" MB1-1 24"X24"

LANE CLOSED R11-2L 48"X30"

TW4 TW8 TY4 TSB

+06 22' LT +06 10' LT +02 22' LT +82 22' LT +74 22' LT +74 22' LT +74 10' LT +70 22' LT +12 22' LT +49 24' RT +37 14' RT +16 25' RT +04 14' RT +04 25' RT +75 25' RT

1002 1004 1006 1008 1010 1012 1014

11' 10' 11' 10' 11' 12' 11' 25'

CONSTRUCT PROPOSED WB LEFT TURN LANE BY CLOSING WB LEFT TURN LANE DURING NON PEAK HOURS

REMOVE TYPE S CASTINGS AND ADJUSTMENT RINGS ADJUST INLET AND INSTALL TYPE H CASTINGS TO FINAL GRADE

PULL DRUMS BACK TO ALLOW ROOM FOR TRUCK TURNING MOVEMENTS

REMOVE TYPE S CASTINGS AND ADJUSTMENT RINGS ADJUST INLET AND INSTALL TYPE H CASTINGS TO FINAL GRADE

STH 50/STH 75 INTERSECTION PEDESTRIAN STAGING NOTE:
CONSTRUCT EAST MEDIAN NOSE FIRST WHILE WEST MEDIAN NOSE IS OPEN TO PEDESTRIAN TRAFFIC.
ONCE EAST MEDIAN NOSE PEDESTRIAN CUT THROUGH IS COMPLETE ROUTE PEDESTRIANS THROUGH NEW PEDESTRIAN CUT THROUGH TO CURB RAMPS ON OUTSIDE INTERSECTION RADII WHILE WEST PEDESTRIAN CROSSING IS COMPLETED.

SHEET 111 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 446	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 04

PLOT DATE : 7/30/2021 11:18 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

STA 1030+00

MATCHLINE

ROAD WORK AHEAD W20-1A

250TH AVE

END ROAD WORK G20-2A 48"X24"

JCT 75 83 M2-1 21"X15" M1-6 24"X24" M1-6 24"X24"

STOP R1-1 30"X30"

250TH AVE R/L

ESTR SPEED LIMIT 25

SPEED LIMIT 35 R2-1 24"X30"

END SCHOOL ZONE S5-2 24"X30"

R3-2 24"X24"

ONE WAY R6-2R 24"X30"

LANE CLOSED R11-2L 48"X30"

ROAD WORK AHEAD W20-1A

248TH AVE

END ROAD WORK G20-2A 48"X24"

WO1-6 48"X24"

248TH AVE R/L

SIDEWALK CLOSED R9-9 24"X12"

TY4

TW8

+63 22' LT

+70 20' LT

+93 25' LT

+55 25' LT

+63 14' RT 25' RT

STH 50 R/L

STH 50

HIGH SCHOOL WEST DRIVEWAY R/L

HIGH SCHOOL WEST DRIVEWAY

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 112 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 447	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 05

PLOT DATE : 7/30/2021 11:18 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

STA 1030+00

STA 1045+00

MATCHLINE

MATCHLINE

246TH AVE

243RD AVE

244TH AVE

STH 50

246TH AVE R/L

243RD AVE R/L

244TH AVE R/L

STH 50 R/L

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ONE WAY
R6-2R
24"X30"

W3-3
36"X36"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

SCHOOL SPEED LIMIT 25 WHEN CHILDREN ARE PRESENT
S4-51
24"X48"

SPEED LIMIT 35
R2-1
24"X30"

STOP
R1-1
30"X30"

R3-2
24"X24"

WO1-6
48"X24"

LANE CLOSED
R11-2L
48"X30"

WO3-3

TY4

TSB

TW8

P

+46 21' LT

+80 21' LT

+80 10' LT

+80 9' LT

+68 21' LT

+00 21' LT

+00 19' LT

1030

1032

1034

1036

1038

1040

1042

1044

64

25'

INSTALL TYPE H COVER TO FINAL GRADE

INSTALL TYPE H COVER TO FINAL GRADE OF BOTH INLETS

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT PAVEMENT MARKING LAYOUT INFORMATION

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 113 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 448	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 06

PLOT DATE : 7/30/2021 11:19 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

STA 1045+00

STA 1060+00

MATCHLINE

MATCHLINE

ROAD WORK AHEAD
W20-1A

END ROAD WORK
G20-2A
48"X24"

ESTR
STOP

WO1-6
48"X24"

ONE WAY
R6-2R
24"X30"

74TH PL

74TH PLACE R/L

REMOVE TYPE S COVER AND ADJUSTMENT RINGS
ADJUST INLET AND INSTALL TYPE H COVER

SPEED LIMIT 35
R2-1
24"X30"

LANE CLOSED
R11-2L
48"X30"

ONE WAY
R6-2R
24"X30"

R3-2
24"X24"

SPEED LIMIT 35
R2-1
24"X30"

TY4

242ND AVE R/L

242ND AVE

STOP
R1-1
30"X30"

ONE WAY
R6-2R
24"X30"

WO1-6
48"X24"

R3-2
24"X24"

ONE WAY
R6-2R
24"X30"

SPEED LIMIT 35
R2-1
24"X30"

STH 50

STH 50 R/L

LANE CLOSED
R11-2L
48"X30"

BEGIN LEFT TURN LANE
R3-20L
24"X36"

END ROAD WORK
G20-2A
48"X24"

ROAD WORK AHEAD
W20-1A

NOTE:
SEE PAVEMENT MARKING PLAN FOR PERMANENT PAVEMENT MARKING LAYOUT INFORMATION

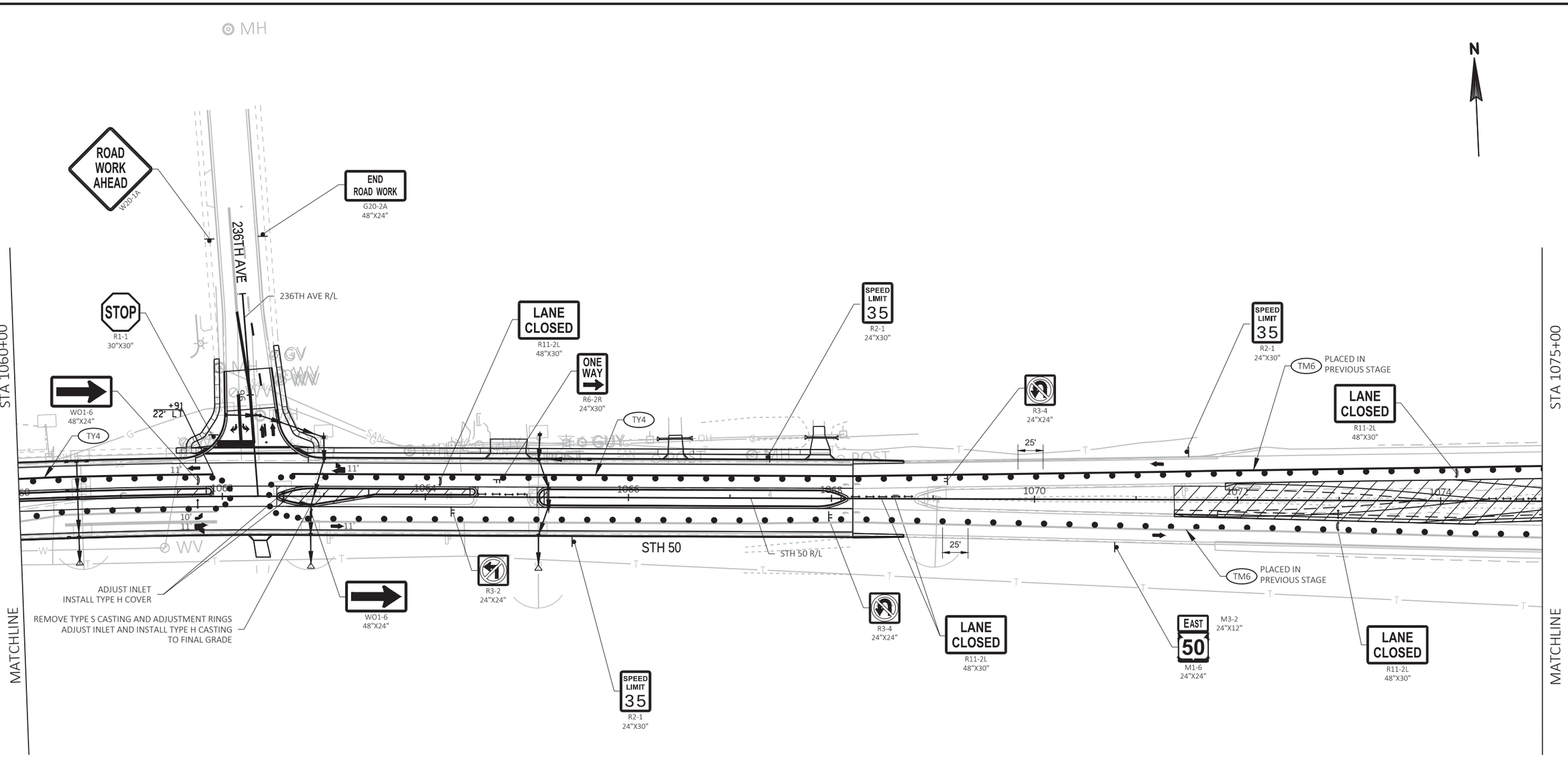
LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 449	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 07
PLOT DATE : 7/30/2021 11:19 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 115 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 450	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 08

PLOT DATE : 7/30/2021 11:19 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

STA 1075+00

615' BUFFER SPACE

660' MERGE TAPER

A

TY4

TM6 PLACED IN PREVIOUS STAGE

LANE CLOSED
R11-2L
48"X30"

R3-4
24"X24"

25'

12'

12'

1076

1078

12'

12'

25'

TM6 PLACED IN PREVIOUS STAGE

STH 50

MATCHLINE

TM6 PLACED IN PREVIOUS STAGE

COVER SIGN
SPEED LIMIT
55

R3-4
24"X24"

STH 50 R/L

ESTR

ESTR

HWY 45	2
HWY 94	7
KENOSHA	11

LANE CLOSED
R11-2L
48"X30"

TM10 PLACED IN PREVIOUS STAGE

MATCHLINE

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

SHEET 116 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 451	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 09

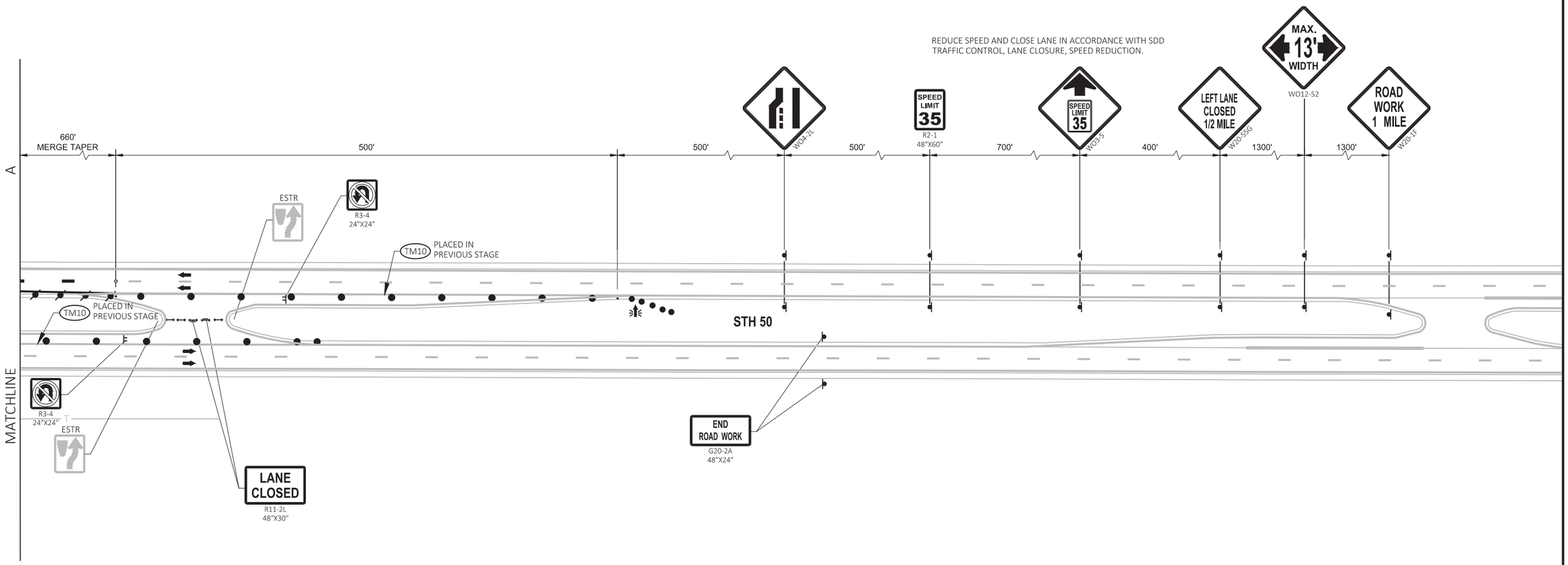
PLOT DATE : 7/30/2021 11:19 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

REDUCE SPEED AND CLOSE LANE IN ACCORDANCE WITH SDD
TRAFFIC CONTROL, LANE CLOSURE, SPEED REDUCTION.



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 117 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 452	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 10

PLOT DATE : 7/30/2021 11:19 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

WORK ZONE

TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES

WORK CONSTRUCTED UNDER TRAFFIC

ASPHALTIC SURFACE TEMPORARY

N

END ROAD WORK
G20-2A
48"X24"

ESTR

ESTR
DO NOT ENTER

ESTR
SPEED LIMIT 45

STA 46+00

STH 83

STH 83 R/L

44

ESTR

TY4

ESTR

MATCHLINE

500'

500'

500'

500'

ROAD WORK AHEAD
W20-1A

MAX. 13' WIDTH
W012-52

ROAD WORK 1000 FT
W20-1C

ROAD WORK 500 FT
W20-1D

ESTR
WEST NORTH NORTH EAST
50 83 75 50

ESTR
Burlington
Lake Geneva
Kenosha

'U FINAL GRADE AND INSTALL TYPE H CA' INLET 'S' CASTINGS AND '

SHEET 118 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 453	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 11

PLOT DATE : 7/30/2021 11:19 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

ROAD WORK 500 FT
W20-1D

ROAD WORK 1000 FT
W20-1C

MAX. 13' WIDTH
WO12-52

ROAD WORK AHEAD
W20-1A

500' 500' 500' 500'

STA 54+00

MATCHLINE

ESTR
Salem
Kenosha
Lake Geneva

ESTR

ESTR
END
75

STH 75

STH 75 R/L

ESTR

ESTR

ESTR
DO NOT
ENTER

ESTR
NORTH
75

END
ROAD WORK
G20-2A
48"X24"

STH 75

ESTR
EAST SOUTH NORTH WEST
50 83 83 50

ESTR
ALTERNATE ALTERNATE
SOUTH EAST
INTERSTATE INTERSTATE
41 94

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

SHEET 119 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 5	SHEET 454	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026105_S5.DWG
LAYOUT NAME - 12

PLOT DATE : 7/30/2021 11:19 AM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:100 FT

NOTES:
1. ALL PAVEMENT MARKINGS SHOWN ARE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.
2. ALL PERMANENT SIGNS SHALL BE INSTALLED PRIOR TO THE START OF STAGE 6 EXCEPT SIGNS ON THE ISLANDS. PERMANENT SIGNS ARE NOT SHOWN.
3. MAXIMUM DURATION OF STAGE 6A IS SEVEN (7) CALENDAR DAYS.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

ROAD WORK AHEAD W20-1A
1000'
ROAD WORK 1000 FT W20-1C
500'
ROAD WORK 500 FT W20-1D
500'
STH 75
END ROAD WORK G20-2A 48"X24"
STH 75 R/L
M4-4 24"X12" TRUCK R3-1 24"X24"
LANE CLOSED R11-2L 48"X30"
TW4
DELINEATE CROSSWALKS WITHIN WORK ZONE WITH TEMPORARY PEDESTRIAN BARRICADES
END ROAD WORK G20-2A 48"X24"
STH 50
TW4
SIDEWALK CLOSED CROSS HERE R9-11A 24"X12"
REMOVE TYPE S COVER AND ADJUSTMENT RINGS ADJUST INLET AND INSTALL TYPE H COVER
500'
ROAD WORK 500 FT W20-1D
500'
ROAD WORK AHEAD W20-1A
STH 50
STH 50 R/L
TW4
SIDEWALK CLOSED CROSS HERE R9-11A 24"X12"
END ROAD WORK G20-2A 48"X24"
M4-4 24"X12" TRUCK R3-1 24"X24"
LANE CLOSED R11-2L 48"X30"
ROAD WORK 500 FT W20-1D
ROAD WORK 1000 FT W20-1C
ROAD WORK AHEAD W20-1A
500'
500'
ROAD WORK AHEAD W20-1A
ROAD WORK 500 FT W20-1D
500'
500'
SIDEWALK CLOSED CROSS HERE R9-11A 24"X12"
TW4
END ROAD WORK G20-2A 48"X24"
STH 83 R/L
500'
500'
1000'

SHEET 120 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 6A	SHEET 455	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026106_S6A.DWG
LAYOUT NAME - 04
PLOT DATE : 7/30/2021 11:20 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

NOTES:
1. ALL PAVEMENT MARKINGS SHOWN ARE PERMANENT PAVEMENT MARKINGS UNLESS OTHERWISE NOTED.
2. ALL PERMANENT SIGNS SHALL BE INSTALLED PRIOR TO THE START OF STAGE 6 EXCEPT SIGNS ON THE ISLANDS. PERMANENT SIGNS ARE NOT SHOWN.
3. MAXIMUM DURATION OF STAGE 6B IS SEVEN (7) CALENDAR DAYS.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT TO BE USED IN FUTURE STAGES
- WORK CONSTRUCTED UNDER TRAFFIC
- ASPHALTIC SURFACE TEMPORARY

N

ROAD WORK AHEAD W20-1A
1000'
ROAD WORK 1000 FT W20-1C
500'
ROAD WORK 500 FT W20-1D
500'
STH 75
END ROAD WORK G20-2A 48"X24"
STH 75 R/L
M4-4 24"X12"
TRUCK
R3-1 24"X24"
REMOVE TYPE S COVER AND ADJUSTMENT RINGS
ADJUST INLET AND INSTALL TYPE H COVER
SIDEWALK CLOSED AHEAD CROSS HERE R9-11 24"x15"
LANE CLOSED R11-2L 48"X30"
END ROAD WORK G20-2A 48"X24"
SIDEWALK CLOSED R9-9 24"X12"
STH 50
SIDEWALK CLOSED CROSS HERE R9-11A 24"X12"
500'
ROAD WORK 500 FT W20-1D
500'
ROAD WORK AHEAD W20-1A
STH 50
STH 50 R/L
END ROAD WORK G20-2A 48"X24"
500'
ROAD WORK AHEAD W20-1A
500'
ROAD WORK 500 FT W20-1D
SIDEWALK CLOSED CROSS HERE R9-11A 24"X12"
END ROAD WORK G20-2A 48"X24"
STH 83 R/L

SHEET 121 OF 121

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TRAFFIC CONTROL-STAGING - STAGE 6B	SHEET 456	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\026107_S6B.DWG
LAYOUT NAME - 04
PLOT DATE : 7/30/2021 11:20 AM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

NOTE:
ON DIVIDED ROADWAYS PLACE SIGNS ON BOTH SIDES OF ROADWAY

LEGEND

- TRAFFIC CONTROL DRUM
- ALTERNATE ROUTE
- TRAFFIC CONTROL SIGN
- WORK ZONE (STAGED CONSTRUCTION OPEN TO TRAFFIC)
- MB — PORTABLE CHANGEABLE MESSAGE SIGN (PLACE 5 DAYS PRIOR TO CONSTRUCTION)

N

CMS1
CMS2
MB
NN
4A
4 WAY STOP CONTROL
4
6
6A
K
EW
7
3
2
7
75
2A
3
CMS1
MB
CMS2
250TH AVE
248TH AVE
246TH AVE
Paddock Lake
236TH AVE
8A
4 WAY STOP CONTROL
7
8
7
2A
2
6
3
6A
45
FMS7
FMS8
CMS1
CMS2
MB
FMS2
7
10
11
5
5A
12
11
94
12
FMS7
FMS8
FMS1
83
9
13
11
12
11
MB
CMS1
CMS2
1A
1
3
50
SIGNALIZED INTERSECTIONS
SIGNALIZED INTERSECTION
7
10
MB
CMS2
CMS1
83
Hooker Lake
216TH AVE
81ST ST
83RD ST
FMS1
13
FMS1
F
Montgomery Lake
SA
AH
AH

12
WEST 50 — M3-4 36"X18", M1-6 36"X36"
MAX. 13 WIDTH — WO12-52 48"X48"

1
ALTERNATE — M4-1 24"X12"
EAST 50 — M3-2 24"X12", M1-6 24"X24"
A — M5-1L 21"X21"
M6-1 21"X21"

2
ALTERNATE — M4-1 24"X12"
EAST 50 — M3-2 24"X12", M1-6 24"X24"
M6-1 21"X21"
A — M5-1R 21"X21"

3
ALTERNATE — M4-1 24"X12"
EAST 50 — M3-2 24"X12", M1-6 24"X24"
M6-1 21"X21"

4
ALTERNATE — M4-1 24"X12"
EAST 50 — M3-2 24"X12", M1-6 24"X24"
M6-1 21"X21"
A — M5-1L 21"X21"

5
ALTERNATE — M4-1 24"X12"
WEST 50 — M3-4 24"X12", M1-6 24"X24"
A — M5-1R 21"X21"
M6-1 21"X21"

6
ALTERNATE — M4-1 24"X12"
WEST 50 — M3-4 24"X12", M1-6 24"X24"
M6-1 21"X21"
A — M5-1L 21"X21"

7
ALTERNATE — M4-1 24"X12"
WEST 50 — M3-4 24"X12", M1-6 24"X24"
M6-1 21"X21"

8
ALTERNATE — M4-1 24"X12"
WEST 50 — M3-4 24"X12", M1-6 24"X24"
M6-1 21"X21"
A — M5-1R 21"X21"

9
EAST 50 — M3-2 24"X12", M1-6 24"X24"
MAX. 13 WIDTH — WO12-52 48"X48"

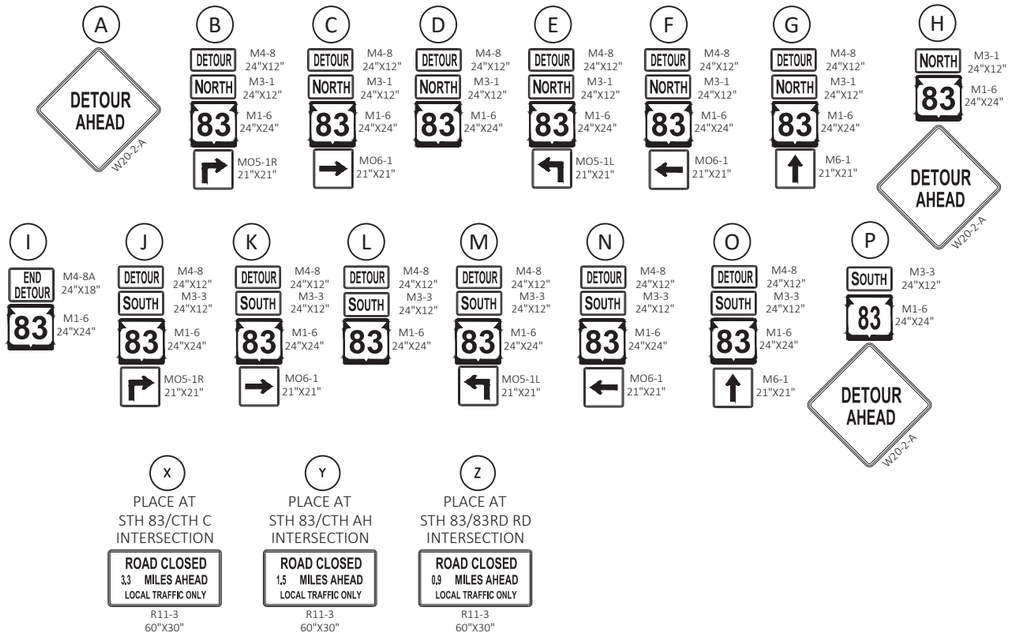
10
WEST 50 — M3-4 24"X12", M1-6 24"X24"
MAX. 13 WIDTH — WO12-52 48"X48"

11
MAX. 13 WIDTH — WO12-52 48"X48"
XX MILES AHEAD — WO57-52 48"X36"

13
EAST 50 — M3-2 24"X12", M1-6 36"X36"
MAX. 13 WIDTH — WO12-52 48"X48"

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	ALTERNATIVE ROUTE	SHEET 457	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\027001_DT.DWG
LAYOUT NAME - 01
PLOT DATE : 7/30/2021 11:14 AM
PLOT BY : BLACKWOOD, JAMES X
PLOT NAME :



NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
2. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400 FEET FROM ANY EXISTING TYPE I SIGN.
3. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE FLORESCENT REFLECTIVE BACKGROUND PER SPEC 643 & 637, UNLESS OTHERWISE NOTED IN THE SIGN DETAILS.
4. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
5. ALL SIGNS, TEMPORARY OR EXISTING, IN CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF WOOD POST MOUNTED SIGNS WILL BE PAID UNDER SEPARATE BID ITEM (643.0910 & 643.0920) LIEU OF COVERING WOOD POST MOUNTED SIGNS, THE CONTRACTOR MAY CHOOSE TO REMOVE AND REPLACE THEM.
6. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.
7. ANY "STOP" SIGNS THAT ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.
8. SEE TRAFFIC CONTROL/STAGING PLAN FOR ADDITIONAL TRAFFIC CONTROL DETOUR SIGNS.
9. ALL DETOUR SIGNS ON IH-94 SHALL BE SIZE 3 SIGNS.

LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS OR TUBULAR STEEL POSTS
- (XX) FIXED MESSAGE SIGN NUMBER
- (A1) CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT.
- CMS CHANGEABLE MESSAGE SIGN

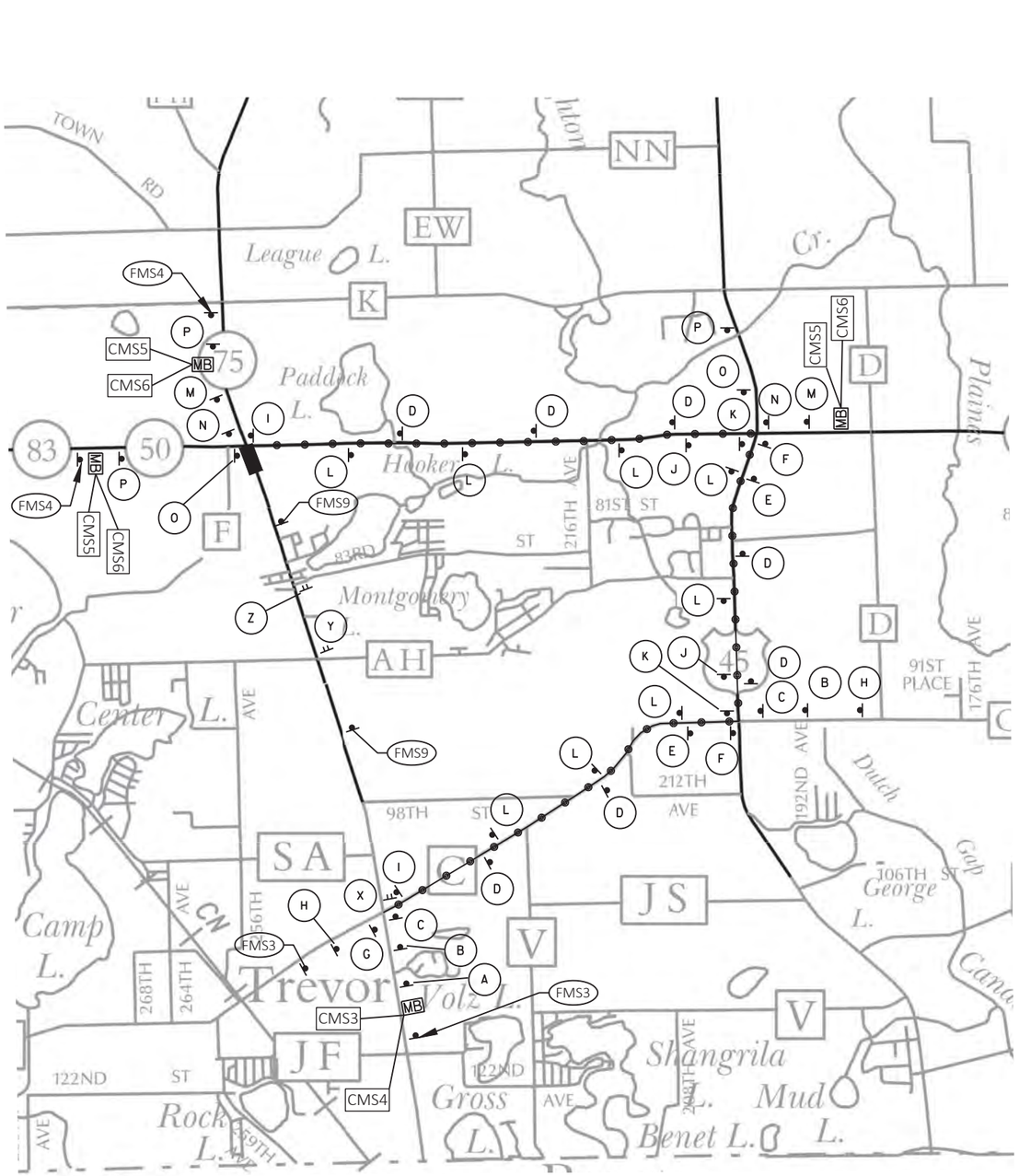
APPROXIMATE DURATION:

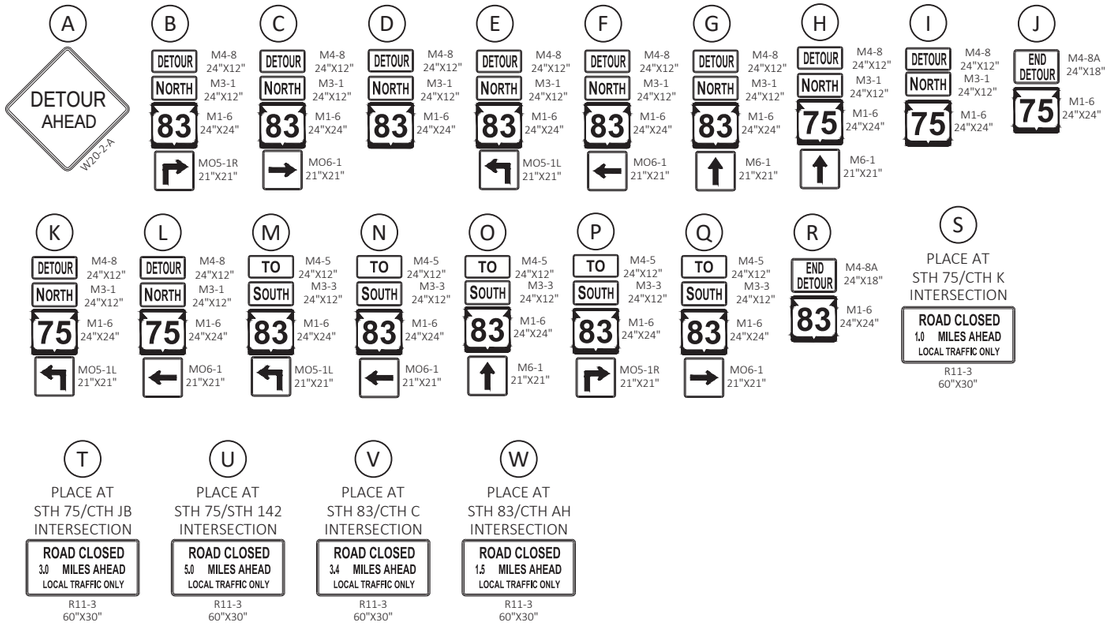
21 CALENDAR DAYS

1. CLOSE STH 83 FROM CTH C TO STH STH 50, MAINTAIN LOCAL TRAFFIC.
2. HARD CLOSE STH 83 NB JUST NORTH OF DRIVEWAY TO BASEBALL FIELD, ABOUT 1000-FT SOUTH OF STH 50.
3. DETOUR STH 83 THRU TRAFFIC FROM CTH C TO STH 50 VIA CTH C, USH 45, AND STH 50.

LEGEND

- STH 83 STAGE 2 CONSTRUCTION LIMITS
- DETOUR ROUTE





NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
2. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400 FEET FROM ANY EXISTING TYPE I SIGN.
3. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE FLORESCENT REFLECTIVE BACKGROUND PER SPEC 643 & 637, UNLESS OTHERWISE NOTED IN THE SIGN DETAILS.
4. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
5. ALL SIGNS, TEMPORARY OR EXISTING, IN CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF WOOD POST MOUNTED SIGNS WILL BE PAID UNDER SEPARATE BID ITEM (643.0910 & 643.0920) LIEU OF COVERING WOOD POST MOUNTED SIGNS, THE CONTRACTOR MAY CHOOSE TO REMOVE AND REPLACE THEM.
6. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.
7. ANY "STOP" SIGNS THAT ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.
8. SEE TRAFFIC CONTROL/STAGING PLAN FOR ADDITIONAL TRAFFIC CONTROL DETOUR SIGNS.
9. ALL DETOUR SIGNS ON IH-94 SHALL BE SIZE 3 SIGNS.

LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS OR TUBULAR STEEL POSTS
- (XX) FIXED MESSAGE SIGN NUMBER
- (A1) CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT.
- MB CMS (CHANGEABLE MESSAGE SIGN)

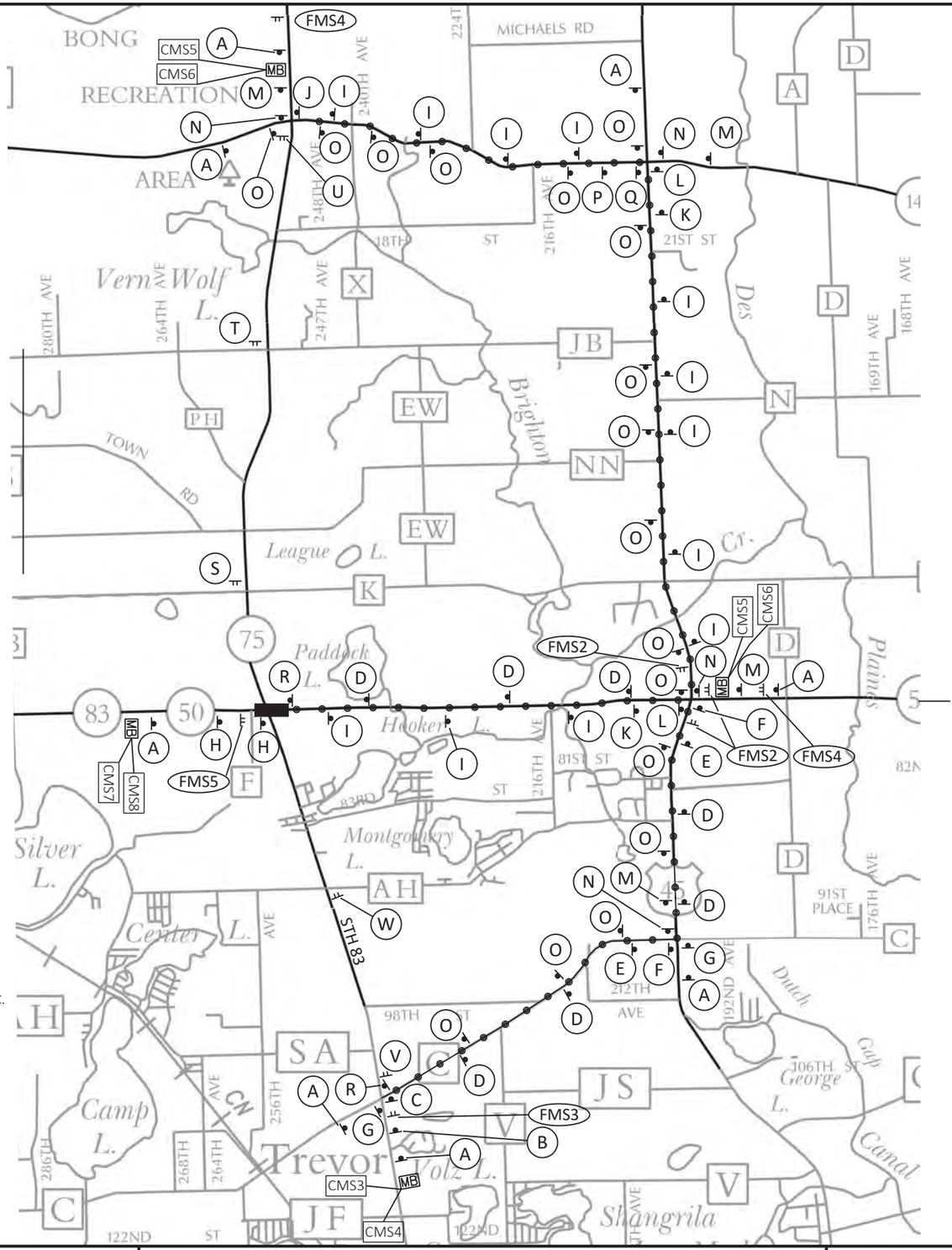
APPROXIMATE DURATION:

21 CALENDAR DAYS

1. STH 75 REMAINS OPEN TO TRAFFIC FROM STH 142 TO STH 50.
2. NO THRU TRAFFIC FROM STH 75 SB TO STH 83 SB. DETOUR STH 75 THRU TRAFFIC FROM STH 75 SB TO STH 83 SB VIA STH 142, USH 45, AND CTH C.
3. NO THRU TRAFFIC FROM STH 83 NB TO STH 75 NB. DETOUR STH 83 NB TRAFFIC VIA CTH C, USH 45, AND STH 142.
4. CLOSE STH 50 EB LEFT TURN LANE TRAFFIC TO STH 75 NB. DETOUR STH 50 EB TO STH 75 NB TRAFFIC VIA STH 50, USH 45, AND STH 142.
5. CLOSE STH 50 WB LEFT TURN LANE TRAFFIC TO STH 83 SB. DETOUR STH 50 WB TO STH 83 SB VIA USH 45 AND CTH C.

LEGEND

- STH 50 STAGE 3 CONSTRUCTION LIMITS
- DETOUR ROUTE

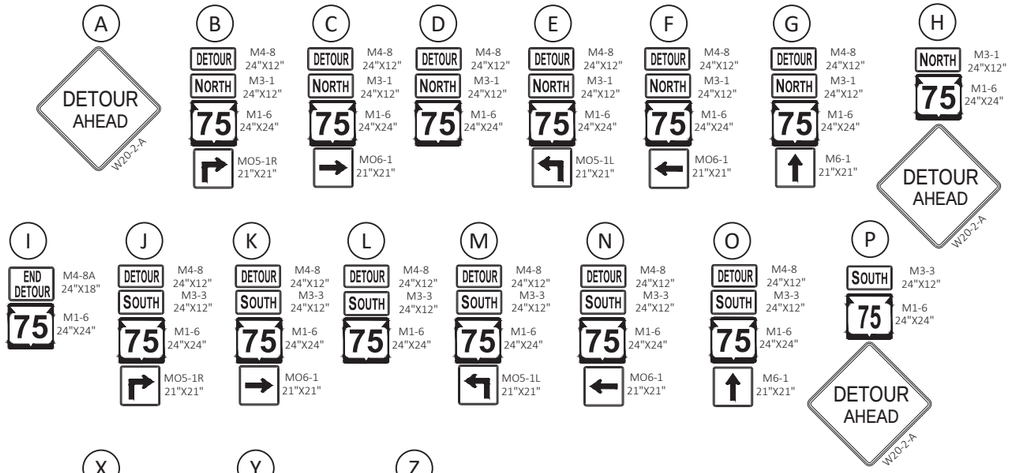


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	DETOUR PLAN - STAGE 3	SHEET 459	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\027003-DT.DWG
LAYOUT NAME - 027003b-dt3

PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JAMES X PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42



NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
2. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400 FEET FROM ANY EXISTING TYPE I SIGN.
3. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE FLORESCENT REFLECTIVE BACKGROUND PER SPEC 643 & 637, UNLESS OTHERWISE NOTED IN THE SIGN DETAILS.
4. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
5. ALL SIGNS, TEMPORARY OR EXISTING, IN CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF WOOD POST MOUNTED SIGNS WILL BE PAID UNDER SEPARATE BID ITEM (643.0910 & 643.0920) LIEU OF COVERING WOOD POST MOUNTED SIGNS, THE CONTRACTOR MAY CHOOSE TO REMOVE AND REPLACE THEM.
6. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.
7. ANY "STOP" SIGNS THAT ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.
8. SEE TRAFFIC CONTROL/STAGING PLAN FOR ADDITIONAL TRAFFIC CONTROL DETOUR SIGNS.
9. ALL DETOUR SIGNS ON IH-94 SHALL BE SIZE 3 SIGNS.

LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS OR TUBULAR STEEL POSTS
- (XX) FIXED MESSAGE SIGN NUMBER
- (A1) CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT.
- CMS CHANGEABLE MESSAGE SIGN

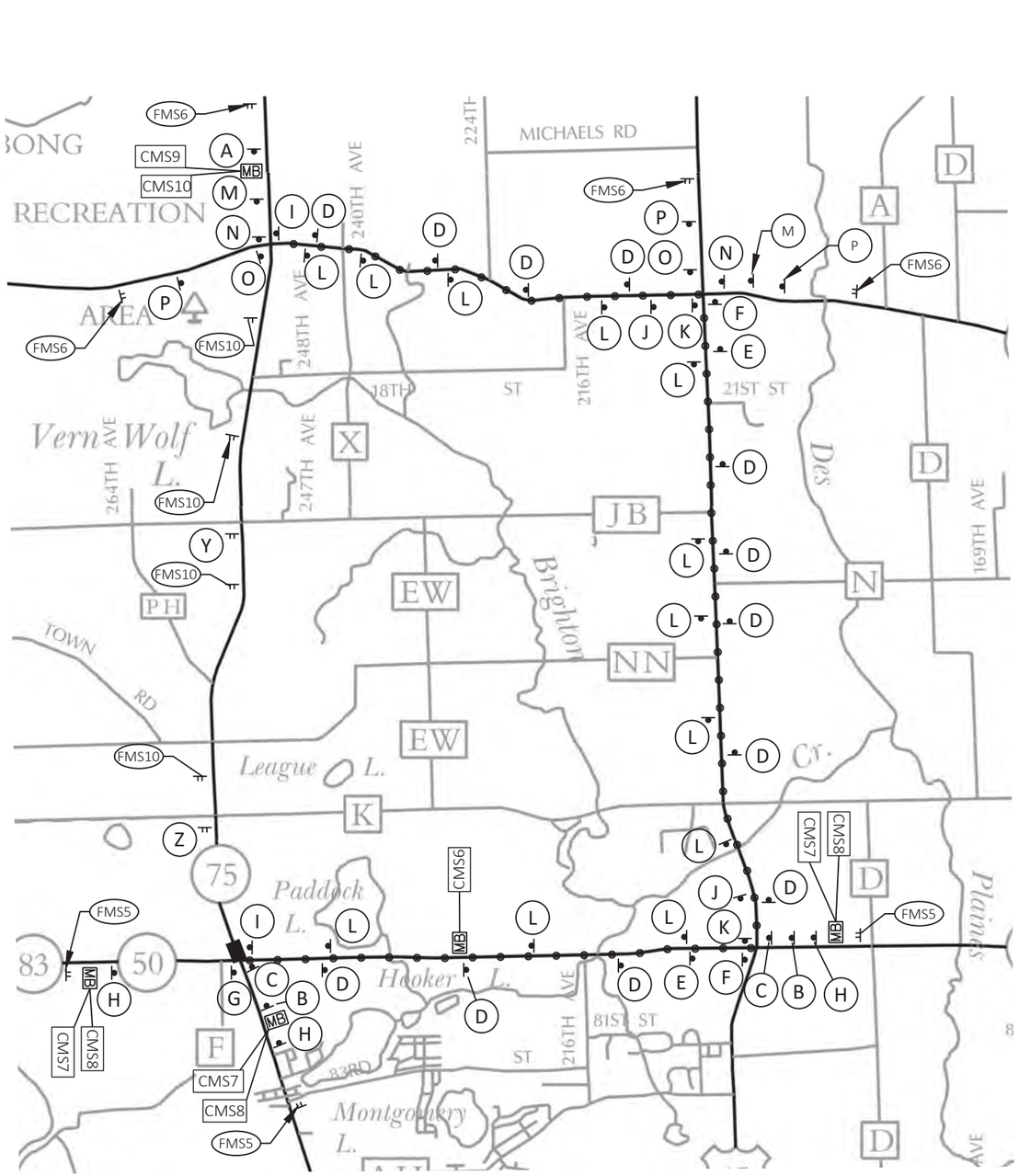
APPROXIMATE DURATION:

21 CALENDAR DAYS

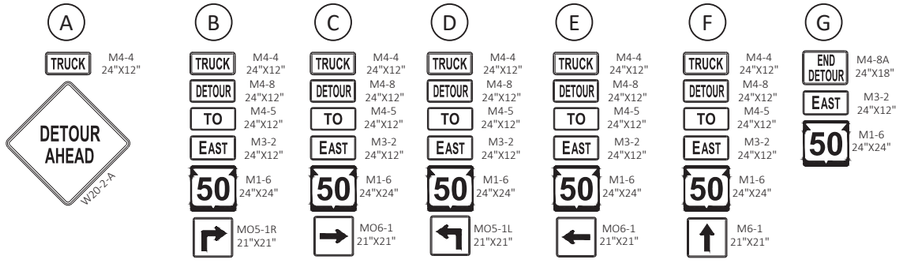
1. CLOSE STH 75 FROM STH 50 TO STH 142. MAINTAIN LOCAL TRAFFIC.
2. HARD CLOSE STH 75 FROM STH 50 TO ABOUT 275-FT NORTH OF STH 50.
3. DETOUR STH 75 THRU TRAFFIC FROM STH 50 TO STH 142 VIA STH 50, USH 45, AND STH 142.

LEGEND

- STH 75 STAGE 4A CONSTRUCTION LIMITS
- DETOUR ROUTE



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	DETOUR PLAN - STAGE 4A	SHEET 460	E



NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
2. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400 FEET FROM ANY EXISTING TYPE I SIGN.
3. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE FLORESCENT REFLECTIVE BACKGROUND PER SPEC 643 & 637, UNLESS OTHERWISE NOTED IN THE SIGN DETAILS.
4. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
5. ALL SIGNS, TEMPORARY OR EXISTING, IN CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF WOOD POST MOUNTED SIGNS WILL BE PAID UNDER SEPARATE BID ITEM (643.0910 & 643.0920) LIEU OF COVERING WOOD POST MOUNTED SIGNS, THE CONTRACTOR MAY CHOOSE TO REMOVE AND REPLACE THEM.
6. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.
7. ANY "STOP" SIGNS THAT ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.
8. SEE TRAFFIC CONTROL/STAGING PLAN FOR ADDITIONAL TRAFFIC CONTROL DETOUR SIGNS.
9. ALL DETOUR SIGNS ON IH-94 SHALL BE SIZE 3 SIGNS.

LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS OR TUBULAR STEEL POSTS
- (XX) FIXED MESSAGE SIGN NUMBER
- (A1) CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT.
- CMS CHANGEABLE MESSAGE SIGN

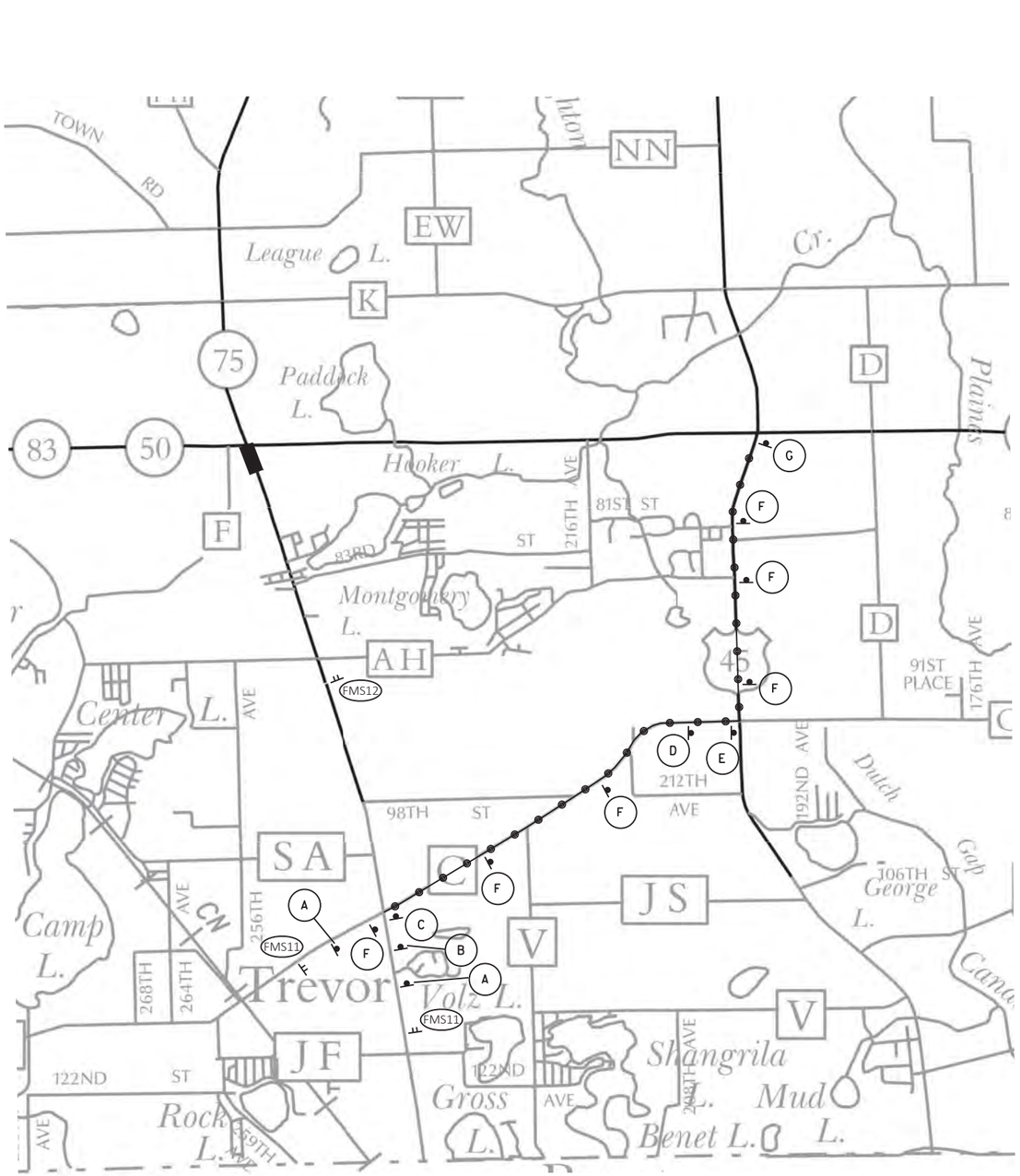
APPROXIMATE DURATION:

7 CALENDAR DAYS

1. CLOSE STH 83 NB RIGHT RURN LANE TO TRUCK TRAFFIC FROM TO STH 50 EB.
2. DETOUR TRUCK TRAFFIC ON STH 83 NB TO STH 50 EB VIA CTH C & USH 45.

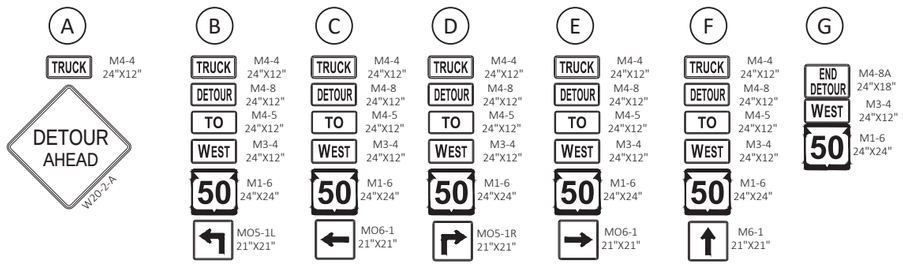
LEGEND

- STH 83 STAGE 2 CONSTRUCTION LIMITS
- DETOUR ROUTE



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	DETOUR PLAN - STAGE 6A TRUCK DETOUR	SHEET 461	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\027005-DT.DWG
LAYOUT NAME - 027005-dt
PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JAMES X PLOT NAME : PLOT SCALE : ##########



NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION AND SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
2. CONTRACTOR SHOULD LOCATE FIXED MESSAGE SIGNS A MINIMUM OF 400 FEET FROM ANY EXISTING TYPE I SIGN.
3. ALL FIXED MESSAGE SIGNS SHALL BE BLACK NON-REFLECTIVE MESSAGE ON ORANGE FLORESCENT REFLECTIVE BACKGROUND PER SPEC 643 & 637, UNLESS OTHERWISE NOTED IN THE SIGN DETAILS.
4. SEE FIXED MESSAGE SIGNS AND SPECIAL MESSAGE SIGNS LAYOUT SHEETS FOR MORE INFORMATION.
5. ALL SIGNS, TEMPORARY OR EXISTING, IN CONFLICT WITH THE TRAFFIC CONTROL "IN USE" SHALL BE COVERED. THE COVERING OF WOOD POST MOUNTED SIGNS WILL BE PAID UNDER SEPARATE BID ITEM (643.0910 & 643.0920) LIEU OF COVERING WOOD POST MOUNTED SIGNS, THE CONTRACTOR MAY CHOOSE TO REMOVE AND REPLACE THEM.
6. SIGNS TO BE PLACED 10 DAYS PRIOR TO CONSTRUCTION.
7. ANY "STOP" SIGNS THAT ARE REMOVED FOR A CONSTRUCTION OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED.
8. SEE TRAFFIC CONTROL/STAGING PLAN FOR ADDITIONAL TRAFFIC CONTROL DETOUR SIGNS.
9. ALL DETOUR SIGNS ON IH-94 SHALL BE SIZE 3 SIGNS.

LEGEND: FIXED MESSAGE SIGNS

- EXISTING GUIDE SIGN TO BE COVERED
- FIXED MESSAGE SIGN(S) ON WOOD POST SUPPORTS OR TUBULAR STEEL POSTS
- (XX) FIXED MESSAGE SIGN NUMBER
- (A1) CONTRACTOR SHALL COVER AS DIRECTED BY THE ENGINEER ALL ROUTE MARKINGS PERTAINING TO THE PROJECT.
- CMS CHANGEABLE MESSAGE SIGN

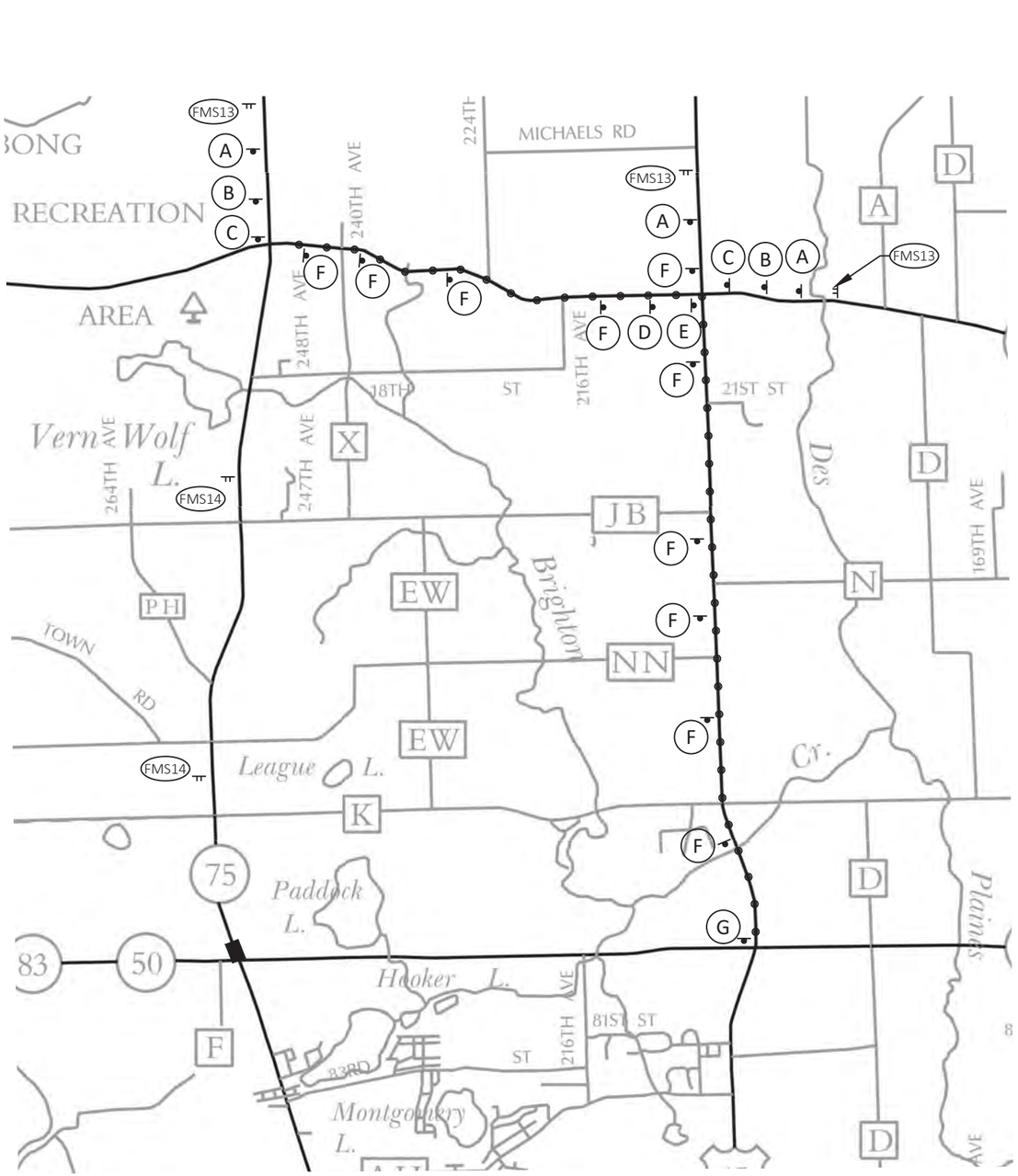
APPROXIMATE DURATION:

14 CALENDAR DAYS

1. CLOSE STH 75 NB RIGHT RURN LANE TO TRUCK TRAFFIC FROM TO STH 50 WB.
2. DETOUR TRUCK TRAFFIC ON STH 75 NB TO STH 50 WB VIA STH 142, USH 45, AND STH 50.

LEGEND

- STH 75 STAGE 4A CONSTRUCTION LIMITS
- DETOUR ROUTE



2

	FRAME 1	FRAME 2
CMS 1 7 DAYS PRIOR TO START OF WORK	WIS 50 CONST PROJECT	BEGINS (ADD DATE)
CMS 2 DURING CONSTRUCTION	WIS 50 ROADWORK AHEAD	USE ALT ROUTE

	FRAME 1	FRAME 2
CMS 3 7 DAYS PRIOR TO START OF CLOSURE	WIS 83 TO CLOSE (ADD DATE)	USE DETOUR ROUTE
CMS 4 DURING CLOSURE	WIS 83 CLOSED AT WI 50	USE DETOUR ROUTE

	FRAME 1	FRAME 2
CMS 5 7 DAYS PRIOR TO START OF CLOSURE	WI 83 SB TO CLOSE (ADD DATE)	USE DETOUR ROUTE
CMS 6 DURING CLOSURE	WI 83 SB CLOSED AT WI 50	USE DETOUR ROUTE

	FRAME 1	FRAME 2
CMS 7 7 DAYS PRIOR TO START OF CLOSURE	WIS 75 TO CLOSE (ADD DATE)	USE DETOUR ROUTE
CMS 8 DURING CLOSURE	WIS 75 CLOSED AHEAD	USE DETOUR ROUTE

	FRAME 1	FRAME 2
CMS 9 7 DAYS PRIOR TO START OF CLOSURE	WIS 75 TO CLOSE (ADD DATE)	USE DETOUR ROUTE
CMS 10 DURING CLOSURE	WIS 75 CLOSED AT WI 50	USE DETOUR ROUTE

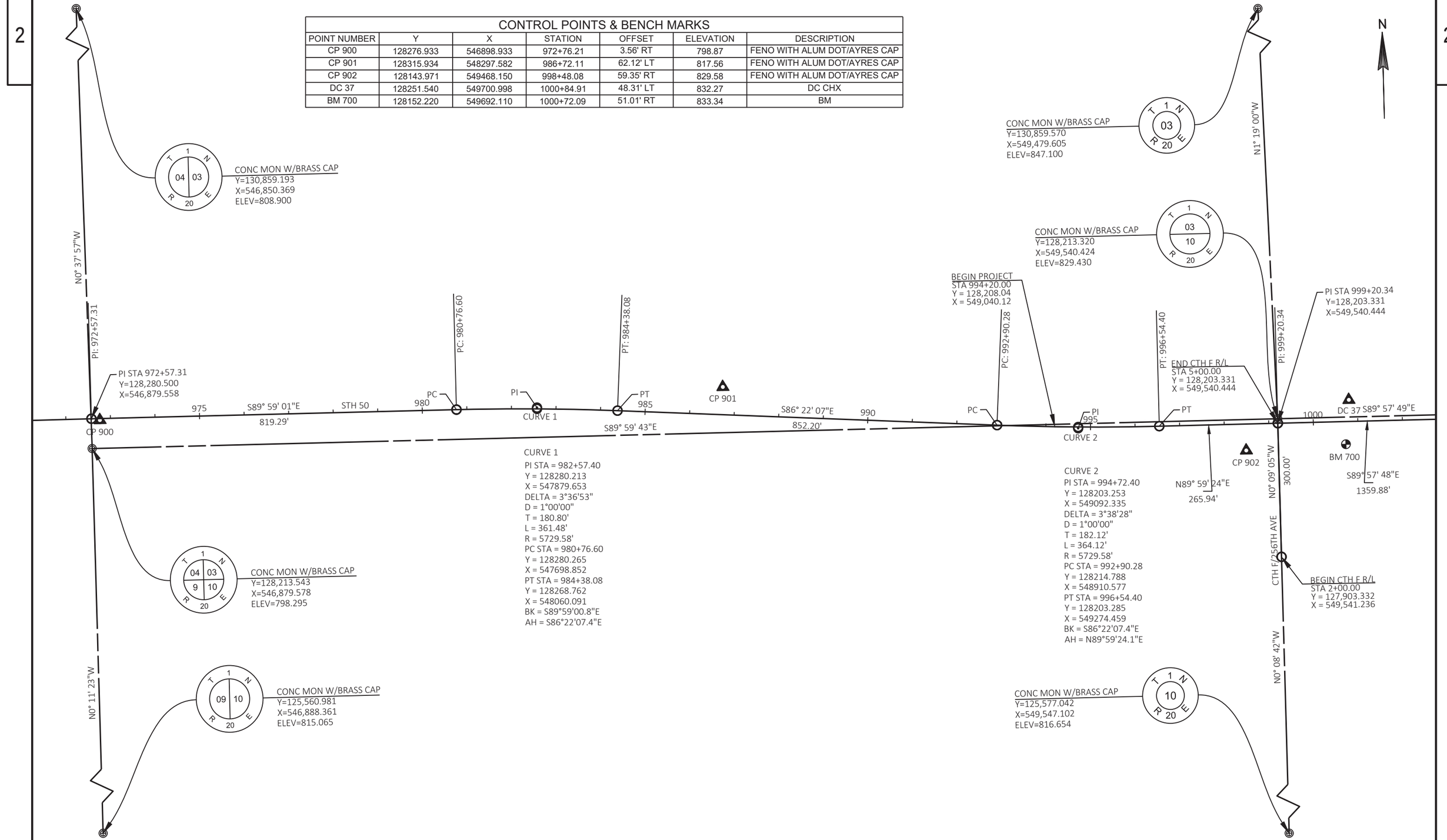
	FRAME 1	FRAME 2
CMS 11 DURING CLOSURE	WIS 50 CLOSED 10PM-5AM	USE ALT ROUTE

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	DETOUR PLAN - PCMS FOR ALL STAGES	SHEET 463	E

FILE NAME : N:\PDS\C3D\13100400\SHEETSPLAN\027000_DT.DWG
LAYOUT NAME - 027000-PCMS

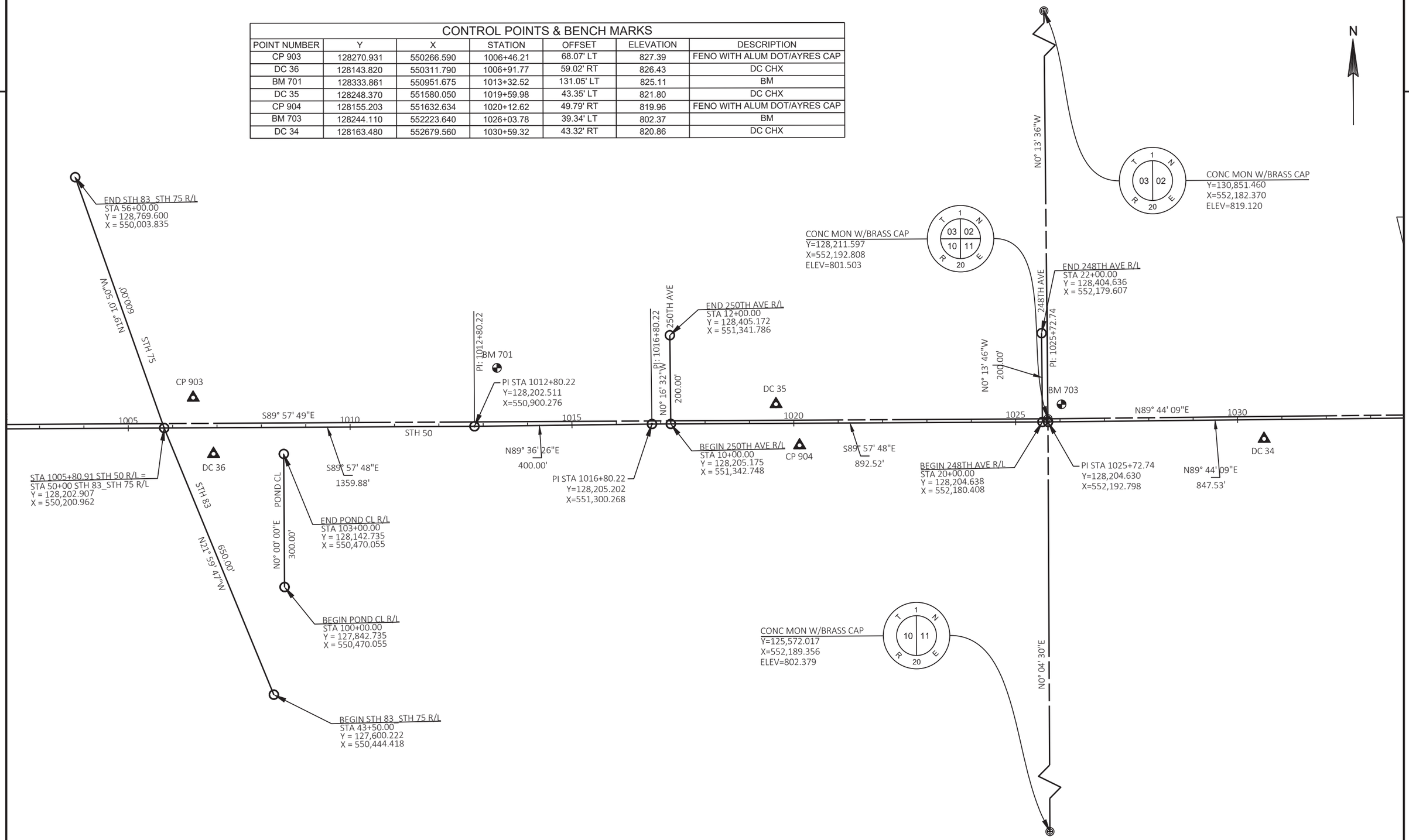
PLOT DATE : 7/30/2021 11:14 AM PLOT BY : BLACKWOOD, JAMES X PLOT NAME : PLOT SCALE : ##########

CONTROL POINTS & BENCH MARKS						
POINT NUMBER	Y	X	STATION	OFFSET	ELEVATION	DESCRIPTION
CP 900	128276.933	546898.933	972+76.21	3.56' RT	798.87	FENO WITH ALUM DOT/AYRES CAP
CP 901	128315.934	548297.582	986+72.11	62.12' LT	817.56	FENO WITH ALUM DOT/AYRES CAP
CP 902	128143.971	549468.150	998+48.08	59.35' RT	829.58	FENO WITH ALUM DOT/AYRES CAP
DC 37	128251.540	549700.998	1000+84.91	48.31' LT	832.27	DC CHX
BM 700	128152.220	549692.110	1000+72.09	51.01' RT	833.34	BM



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	ALIGNMENT	SHEET 464	E

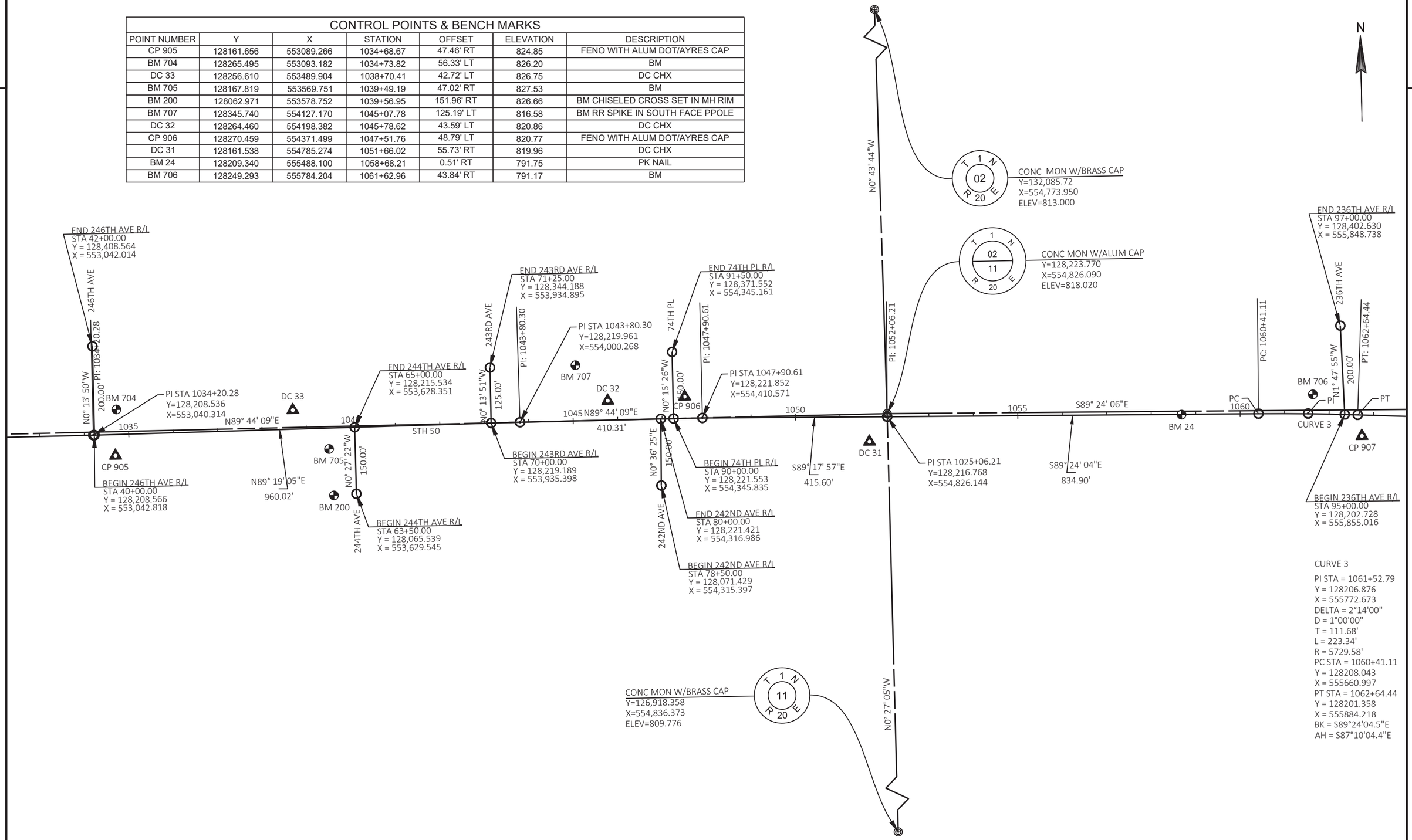
CONTROL POINTS & BENCH MARKS						
POINT NUMBER	Y	X	STATION	OFFSET	ELEVATION	DESCRIPTION
CP 903	128270.931	550266.590	1006+46.21	68.07' LT	827.39	FENO WITH ALUM DOT/AYRES CAP
DC 36	128143.820	550311.790	1006+91.77	59.02' RT	826.43	DC CHX
BM 701	128333.861	550951.675	1013+32.52	131.05' LT	825.11	BM
DC 35	128248.370	551580.050	1019+59.98	43.35' LT	821.80	DC CHX
CP 904	128155.203	551632.634	1020+12.62	49.79' RT	819.96	FENO WITH ALUM DOT/AYRES CAP
BM 703	128244.110	552223.640	1026+03.78	39.34' LT	802.37	BM
DC 34	128163.480	552679.560	1030+59.32	43.32' RT	820.86	DC CHX



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	ALIGNMENT	SHEET 465	E

CONTROL POINTS & BENCH MARKS

POINT NUMBER	Y	X	STATION	OFFSET	ELEVATION	DESCRIPTION
CP 905	128161.656	553089.266	1034+68.67	47.46' RT	824.85	FENO WITH ALUM DOT/AYRES CAP
BM 704	128265.495	553093.182	1034+73.82	56.33' LT	826.20	BM
DC 33	128256.610	553489.904	1038+70.41	42.72' LT	826.75	DC CHX
BM 705	128167.819	553569.751	1039+49.19	47.02' RT	827.53	BM
BM 200	128062.971	553578.752	1039+56.95	151.96' RT	826.66	BM CHISELED CROSS SET IN MH RIM
BM 707	128345.740	554127.170	1045+07.78	125.19' LT	816.58	BM RR SPIKE IN SOUTH FACE PPOLE
DC 32	128264.460	554198.382	1045+78.62	43.59' LT	820.86	DC CHX
CP 906	128270.459	554371.499	1047+51.76	48.79' LT	820.77	FENO WITH ALUM DOT/AYRES CAP
DC 31	128161.538	554785.274	1051+66.02	55.73' RT	819.96	DC CHX
BM 24	128209.340	555488.100	1058+68.21	0.51' RT	791.75	PK NAIL
BM 706	128249.293	555784.204	1061+62.96	43.84' RT	791.17	BM



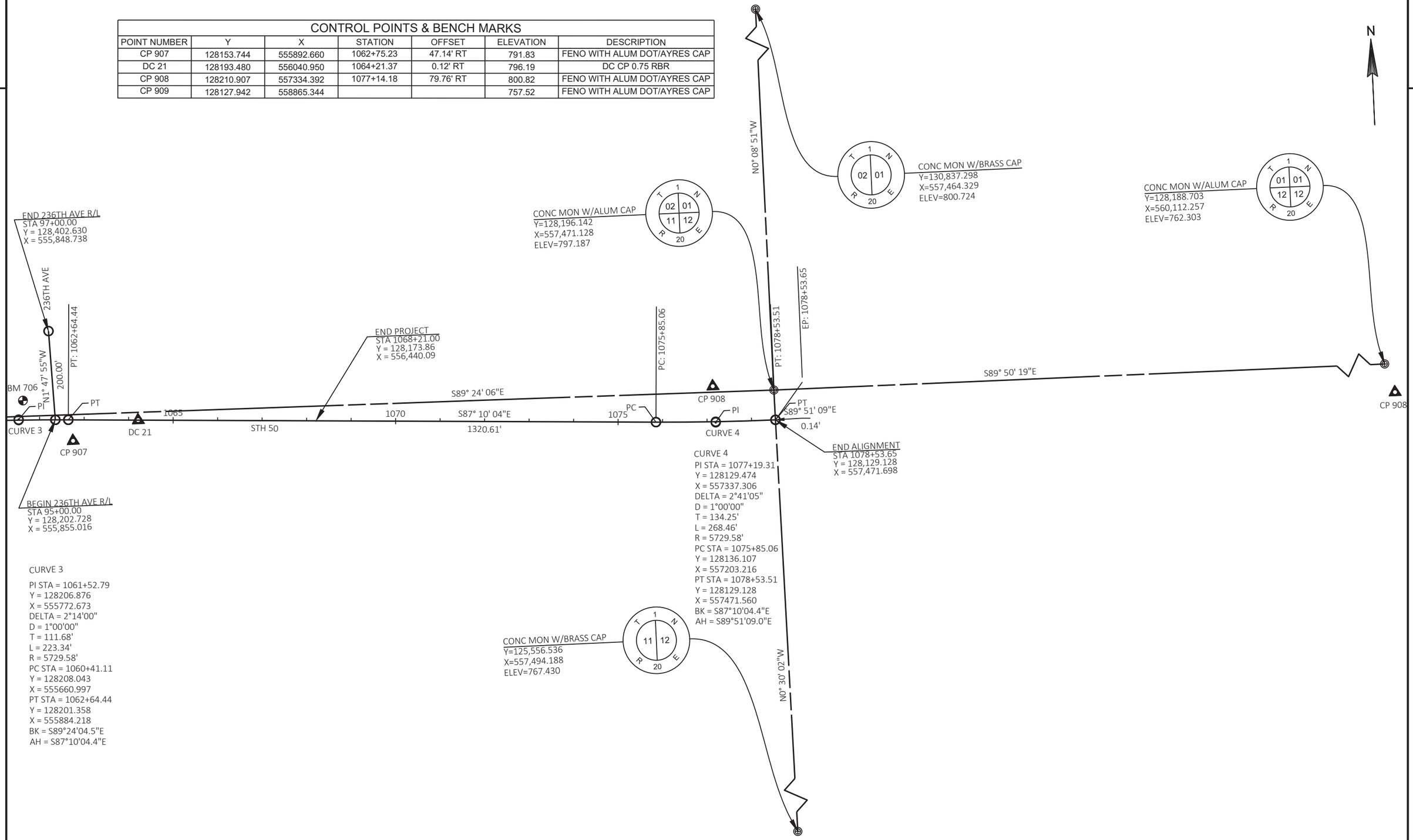
CURVE 3

PI STA = 1061+52.79
Y = 128206.876
X = 555772.673
DELTA = 2°14'00"
D = 1°00'00"
T = 111.68'
L = 223.34'
R = 5729.58'
PC STA = 1060+41.11
Y = 128208.043
X = 555660.997
PT STA = 1062+64.44
Y = 128201.358
X = 555884.218
BK = S89°24'04.5"E
AH = S87°10'04.4"E

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	ALIGNMENT	SHEET 466	E

CONTROL POINTS & BENCH MARKS

POINT NUMBER	Y	X	STATION	OFFSET	ELEVATION	DESCRIPTION
CP 907	128153.744	555892.660	1062+75.23	47.14' RT	791.83	FENO WITH ALUM DOT/AYRES CAP
DC 21	128193.480	556040.950	1064+21.37	0.12' RT	796.19	DC CP 0.75 RBR
CP 908	128210.907	557334.392	1077+14.18	79.76' RT	800.82	FENO WITH ALUM DOT/AYRES CAP
CP 909	128127.942	558865.344			757.52	FENO WITH ALUM DOT/AYRES CAP



CURVE 3

PI STA = 1061+52.79
Y = 128206.876
X = 555772.673
DELTA = 2°14'00"
D = 1°00'00"
T = 111.68'
L = 223.34'
R = 5729.58'
PC STA = 1060+41.11
Y = 128208.043
X = 555660.997
PT STA = 1062+64.44
Y = 128201.358
X = 555884.218
BK = S89°24'04.5"E
AH = S87°10'04.4"E

CURVE 4

PI STA = 1077+19.31
Y = 128129.474
X = 557337.306
DELTA = 2°41'05"
D = 1°00'00"
T = 134.25'
L = 268.46'
R = 5729.58'
PC STA = 1075+85.06
Y = 128136.107
X = 557203.216
PT STA = 1078+53.51
Y = 128129.128
X = 557471.560
BK = S87°10'04.4"E
AH = S89°51'09.0"E

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	ALIGNMENT	SHEET 467	E

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CLEARING & GRUBBING

STATION	TO	STATION	LOCATION	201.0105 CLEARING STA	201.0120 CLEARING ID	201.0205 GRUBBING STA	201.0220 GRUBBING ID	202.0105 ROADSIDE CLEARING STA
46+00	-	48+00	STH 83, RT	2	--	2	--	--
1011+00	-	1013+00	STH 50, RT	2	--	2	--	--
1016+00	-	1017+00	STH 50, RT	1	--	1	--	--
1020+00	-	1021+00	STH 50, LT	1		1		--
1022+00	-	1023+00	STH 50, LT	1		1		--
1027+00	-	1034+00	STH 50, LT & RT	7	--	7	--	--
1035+00	-	1036+00	STH 50, RT	1	--	1	--	--
1040+00	-	1041+00	STH 50, LT	1	--	1	--	--
1043+00	-	1045+00	STH 50, LT & RT	2	--	2	--	--
1048+00	-	1049+00	STH 50, 48' RT	1	--	1	--	--
1050+00	-	1052+00	STH 50, LT	2	--	2	--	--
1055+00	-	1057+00	STH 50, LT	2	--	2	--	--
1055+58	-	1057+00	STH 50, 48' RT	--	--	--	--	2
1058+00	-	1060+00	STH 50, LT	2	--	2	--	--
			UNDISTRIBUTED	--	50	--	50	--
			TOTAL 0010	25	50	25	50	2

REMOVING SMALL PIPE CULVERTS

STATION	TO	STATION	LOCATION	203.0100 REMOVING SMALL PIPE CULVERTS EACH
998+50	-	998+89	83' RT - 153' RT	1
1066+29	-	1066+60	58' LT	1
1067+73	-	1068+05	60' LT	1
			TOTAL 0010	3

REMOVING OLD STRUCTURE

STATION	TO	STATION	LOCATION	203.0200.04 REMOVING OLD STRUCTURE (STATION) 04. STA 1037+70 LS	203.0200.05 REMOVING OLD STRUCTURE (STATION) 04. STA 1037+70 LS	REMARKS
1037+46	-	1037+92	STH 50, 46' RT	1	--	SHORT LIMESTONE WALL
51+44	-	51+52	STH 75, 50' LT	--	1	PARTIAL RETAINING WALL
			TOTAL 0010	1	1	

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REMOVING PAVEMENT

STATION	TO	STATION	LOCATION	204.0100 REMOVING PAVEMENT SY	REMARKS SEE REMOVAL PLANS
994+20	-	997+00	STH 50 LT & RT	1,868	SHEET 2 OF 16
997+00	-	1003+00	STH 50 LT & RT	5,042	SHEET 3 OF 16
1003+00	-	1009+00	STH 50 LT & RT	4,595	SHEET 4 OF 16
1009+00	-	1015+00	STH 50 LT & RT	4,303	SHEET 5 OF 16
1015+00	-	1021+00	STH 50 LT & RT	4,854	SHEET 6 OF 16
1021+00	-	1027+00	STH 50 LT & RT	4,911	SHEET 7 OF 16
1027+00	-	1033+00	STH 50 LT & RT	4,712	SHEET 8 OF 16
1033+00	-	1039+00	STH 50 LT & RT	4,963	SHEET 9 OF 16
1039+00	-	1045+00	STH 50 LT & RT	4,959	SHEET 10 OF 16
1045+00	-	1051+00	STH 50 LT & RT	4,784	SHEET 11 OF 16
1051+00	-	1057+00	STH 50 LT & RT	4,425	SHEET 12 PF 16
1057+00	-	1063+00	STH 50 LT & RT	4,578	SHEET 13 OF 16
1063+00	-	1068+20	STH 50 LT & RT	3,602	SHEET 14 OF 16
46+18	-	49+62	STH 83 LT & RT	1,782	SHEETS 4 OF 16 & 15 OF 16
50+39	-	53+32	STH 75 LT $ RT	1,362	SHEETS 4 OF 16 & 16 OF 16
			TOTAL 0010	60,742	

REMOVING CONCRETE SIDEWALK

STATION	TO	STATION	LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY	REMARKS SEE REMOVAL PLANS
997+00	-	1003+00	STH 50 LT & RT	288	SHEET 3 OF 16
1003+00	-	1009+00	STH 50 LT & RT	546	SHEET 4 OF 16
1009+00	-	1015+00	STH 50 LT & RT	325	SHEET 5 OF 16
1015+00	-	1021+00	STH 50 LT & RT	524	SHEET 6 OF 16
1021+00	-	1027+00	STH 50 LT & RT	579	SHEET 7 OF 16
1027+00	-	1033+00	STH 50 LT & RT	367	SHEET 8 OF 16
1033+00	-	1039+00	STH 50 LT & RT	605	SHEET 9 OF 16
1039+00	-	1045+00	STH 50 LT & RT	286	SHEET 10 OF 16
1045+00	-	1051+00	STH 50 LT & RT	151	SHEET 11 OF 16
1051+00	-	1057+00	STH 50 LT & RT	24	SHEET 12 PF 16
1057+00	-	1063+00	STH 50 LT & RT	140	SHEET 13 OF 16
			TOTAL 0010	3,834	

REMOVING FENCE

STATION	TO	STATION	LOCATION	204.0170 REMOVING FENCE LF
105224	-	105239	STH 50, 50' LT	15
105259	-	105279	STH 50, 49' LT	20
105298	-	105308	STH 50, 49' LT	10
105932	-	105947	STH 50, 49' LT	15
			TOTAL 0010	60

REMOVING SURFACE DRAINS

STATION	LOCATION	204.0190 REMOVING SURFACE DRAINS EACH
986+45	STH 50, 0'-16' RT	1
987+80	STH 50, 7'-19' LT	1
1025+25	STH 50, 88' RT	1
	TOTAL 0010	3

REMOVING STORM SEWER

BEGIN LOCATION			END LOCATION			204.0210 REMOVING MANHOLES	204.0220 REMOVING INLETS	204.0245.01 REMOVING STORM SEWER 12-INCH	204.0245.02 REMOVING STORM SEWER 15-INCH	204.0245.03 REMOVING STORM SEWER 18-INCH	204.0245.04 REMOVING STORM SEWER 21-INCH	204.0245.05 REMOVING STORM SEWER 24-INCH	204.0245.06 REMOVING STORM SEWER 30-INCH
STATION	OFFSET	TO	STATION	OFFSET	LOCATION	EACH	EACH	LF	LF	LF	LF	LF	LF
994+31	8' RT	-	994+31	36' RT	STH 50 R/L	--	1	28	--	--	--	--	--
994+31	36' RT	-	994+32	42' RT	STH 50 R/L	--	1	10	--	--	--	--	--
998+32	36' LT	-	997+71	8' LT	STH 50 R/L	--	1	67	--	--	--	--	--
997+71	8' LT	-	997+71	8' RT	STH 50 R/L	--	1	16	--	--	--	--	--
997+71	8' RT	-	997+71	36' RT	STH 50 R/L	--	1	28	--	--	--	--	--
997+71	36' RT	-	997+71	46' RT	STH 50 R/L	--	1	10	--	--	--	--	--
999+96	2' RT	-	999+97	8' RT	STH 50 R/L	--	1	6	--	--	--	--	--
999+97	8' RT	-	1000+08	36' RT	STH 50 R/L	--	1	30	--	--	--	--	--
1000+08	36' RT	-	999+76	63' RT	STH 50 R/L	--	1	41	--	--	--	--	--
1005+03	78' LT	-	1005+06	96' LT	STH 50 R/L	--	1	17	--	--	--	--	--
1005+06	96' LT	-	1005+50	95' RT	STH 50 R/L	--	1	44	--	--	--	--	--
1005+50	95' LT	-	1005+65	68' LT	STH 50 R/L	--	1	31	--	--	--	--	--
1005+25	2' LT	-	1005+25	8' LT	STH 50 R/L	--	1	6	--	--	--	--	--
1005+25	8' LT	-	1005+26	49' LT	STH 50 R/L	--	1	41	--	--	--	--	--
1005+26	49' LT	-	1005+65	68' LT	STH 50 R/L	--	1	44	--	--	--	--	--
1005+65	68' LT	-	1006+08	56' LT	STH 50 R/L	--	1	--	44	--	--	--	--
1006+08	56' LT	-	1006+69	65' LT	STH 50 R/L	--	1	--	62	--	--	--	--
1005+09	36' RT	-	1005+74	80' RT	STH 50 R/L	--	1	78	--	--	--	--	--
1005+85	106'RT	-	1005+74	80' RT	STH 50 R/L	--	1	28	--	--	--	--	--
1005+74	74' RT	-	1006+00	69' RT	STH 50 R/L	--	1	28	--	--	--	--	--
1006+26	116' RT	-	1006+00	69' RT	STH 50 R/L	--	1	54	--	--	--	--	--
1006+00	69' RT	-	1006+55	40' RT	STH 50 R/L	--	1	--	61	--	--	--	--
1006+55	40' RT	-	1006+82	53' RT	STH 50 R/L	--	1	--	30	--	--	--	--
1006+82	53'RT	-	1007+35	70' RT	STH 50 R/L	--	1	--	56	--	--	--	--
1008+22	36' LT	-	1008+22	2' RT	STH 50 R/L	--	1	38	--	--	--	--	--
1008+22	2' RT	-	1008+22	8' RT	STH 50 R/L	--	1	6	--	--	--	--	--
1008+22	8' RT	-	1008+22	36' RT	STH 50 R/L	--	1	28	--	--	--	--	--
1008+22	36' RT	-	1008+21	71' RT	STH 50 R/L	--	1	35	--	--	--	--	--
1010+72	36' RT	-	1011+01	36' RT	STH 50 R/L	--	1	30	--	--	--	--	--
1011+01	36' RT	-	1011+02	8' RT	STH 50 R/L	--	1	28	--	--	--	--	--
1011+72	1' RT	-	1011+02	8' RT	STH 50 R/L	--	1	70	--	--	--	--	--
1011+02	8' RT	-	1011+02	8' LT	STH 50 R/L	--	1	16	--	--	--	--	--
1010+72	8' LT	-	1011+02	8' LT	STH 50 R/L	--	1	30	--	--	--	--	--
1011+02	8' LT	-	1011+01	36' LT	STH 50 R/L	--	1	--	28	--	--	--	--
1010+36	36' LT	-	1011+01	36' LT	STH 50 R/L	--	1	30	--	--	--	--	--
1011+01	36' LT	-	1011+02	88' LT	STH 50 R/L	--	1	--	52	--	--	--	--
1017+50	63' LT	-	1016+96	63' LT	STH 50 R/L	--	1	54	--	--	--	--	--
1016+96	63' LT	-	1015+97	34' LT	STH 50 R/L	--	1	--	29	--	--	--	--
1016+97	34' LT	-	1015+52	34' LT	STH 50 R/L	1	--	--	--	144	--	--	--
1015+52	34' LT	-	1014+21	35' LT	STH 50 R/L	--	1	--	--	132	--	--	--
1014+21	35' LT	-	1013+76	3' LT	STH 50 R/L	--	1	--	--	56	--	--	--
1013+76	3' LT	-	1013+21	36' RT	STH 50 R/L	--	1	--	--	67	--	--	--
1015+22	36' RT	-	1013+21	36' RT	STH 50 R/L	--	1	200	--	--	--	--	--
1013+21	34' RT	-	1012+96	63' RT	STH 50 R/L	--	1	--	--	--	37	--	--
1020+02	33' LT	-	1020+46	13' RT	STH 50 R/L	--	1	63	--	--	--	--	--

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	MISCELLANEOUS QUANTITIES	SHEET:	

FILE NAME : _____ PLOT DATE : _____ PLOT BY : _____ PLOT NAME : _____ PLOT SCALE : 1:1

REMOVING STORM SEWER

BEGIN LOCATION			END LOCATION			204.0210 REMOVING MANHOLES	204.0220 REMOVING INLETS	204.0245.01 REMOVING STORM SEWER 12-INCH	204.0245.02 REMOVING STORM SEWER 15-INCH	204.0245.03 REMOVING STORM SEWER 18-INCH	204.0245.04 REMOVING STORM SEWER 21-INCH	204.0245.05 REMOVING STORM SEWER 24-INCH	204.0245.06 REMOVING STORM SEWER 30-INCH
STATION	OFFSET	TO	STATION	OFFSET	LOCATION	EACH	EACH	LF	LF	LF	LF	LF	LF
1020+47	33' RT	-	1020+46	13' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1020+46	13' RT	-	1023+47	13' RT	STH 50 R/L	1	--	301	--	--	--	--	--
1023+05	33' LT	-	1023+47	13' RT	STH 50 R/L	--	1	62	--	--	--	--	--
1023+47	33' RT	-	1023+47	13' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1023+47	13' RT	-	1025+14	15' RT	STH 50 R/L	1	--	--	167	--	--	--	--
1026+23	33' LT	-	1025+88	58' LT	STH 50 R/L	--	1	42	--	--	--	--	--
1025+98	59' LT	-	1025+88	58' LT	STH 50 R/L	--	--	9	--	--	--	--	--
1025+88	58' LT	-	1025+20	54' LT	STH 50 R/L	--	1	--	69	--	--	--	--
1025+30	61' LT	-	1025+20	54' LT	STH 50 R/L	--	1	12	--	--	--	--	--
1025+20	54' LT	-	1025+08	33' LT	STH 50 R/L	--	1	--	--	--	--	25	--
1024+21	51' LT	-	1025+08	33' LT	STH 50 R/L	--	1	88	--	--	--	--	--
1025+08	33' LT	-	1025+14	15' RT	STH 50 R/L	--	1	--	--	--	--	48	--
1025+14	15' RT	-	1025+15	35' RT	STH 50 R/L	--	--	--	--	--	--	--	20
1034+70	34' LT	-	1034+70	13' RT	STH 50 R/L	--	1	47	--	--	--	--	--
1034+70	33' RT	-	1034+70	13' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1034+70	13' RT	-	1032+62	13' RT	STH 50 R/L	1	--	--	--	208	--	--	--
1032+62	48' LT	-	1032+62	34' LT	STH 50 R/L	--	1	14	--	--	--	--	--
1032+62	34' LT	-	1032+62	13' RT	STH 50 R/L	--	1	46	--	--	--	--	--
1032+62	33' RT	-	1032+62	13' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1032+62	13' RT	-	1031+02	13' RT	STH 50 R/L	1	--	--	--	--	--	161	--
1031+01	47' LT	-	1031+01	34' LT	STH 50 R/L	--	1	14	--	--	--	--	--
1031+01	34' LT	-	1031+02	13' RT	STH 50 R/L	--	1	46	--	--	--	--	--
1031+02	33' RT	-	1031+02	13' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1032+02	13' RT	-	1029+19	13' RT	STH 50 R/L	1	--	--	--	--	--	183	--
1029+71	33' LT	-	1029+19	13' RT	STH 50 R/L	--	1	69	--	--	--	--	--
1029+21	33' RT	-	1029+19	13' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1029+19	13' RT	-	1026+69	13' RT	STH 50 R/L	1	--	--	--	--	--	250	--
1026+71	33' RT	-	1026+69	13' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1026+69	13' RT	-	1025+14	13' RT	STH 50 R/L	1	--	--	--	--	--	155	--
1039+87	57' RT	-	1040+32	31' RT	STH 50 R/L	--	1	52	--	--	--	--	--
1040+26	88' RT	-	1040+32	32' RT	STH 50 R/L	--	1	57	--	--	--	--	--
1040+32	32' RT	-	1041+21	33' RT	STH 50 R/L	1	--	--	--	89	--	--	--
1041+21	33' RT	-	1042+96	33' RT	STH 50 R/L	--	1	--	--	175	--	--	--
1042+96	33' RT	-	1042+95	57' LT	STH 50 R/L	--	2	--	--	--	90	--	--
1044+71	33' RT	-	1045+75	34' RT	STH 50 R/L	--	1	104	--	--	--	--	--
1047+18	74' RT	-	1046+47	34' RT	STH 50 R/L	--	1	82	--	--	--	--	--
1046+47	34' RT	-	1045+75	34' RT	STH 50 R/L	--	1	--	72	--	--	--	--
1045+75	34' RT	-	1045+75	34' LT	STH 50 R/L	--	1	--	--	67	--	--	--
1045+75	34' LT	-	1045+90	34' LT	STH 50 R/L	--	2	--	--	15	--	--	--
1047+44	35' RT	-	1047+63	3' RT	STH 50 R/L	--	1	37	--	--	--	--	--
1047+63	3' RT	-	1047+65	35' LT	STH 50 R/L	--	1	38	--	--	--	--	--
1047+65	35' LT	-	1046+46	34' LT	STH 50 R/L	--	1	--	119	--	--	--	--
1046+46	34' LT	-	1045+90	34' LT	STH 50 R/L	--	1	--	--	57	--	--	--
1051+21	35' LT	-	1052+21	35' LT	STH 50 R/L	--	1	99	--	--	--	--	--
1052+21	35' LT	-	1052+21	7' LT	STH 50 R/L	--	1	28	--	--	--	--	--

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	MISCELLANEOUS QUANTITIES	SHEET:

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REMOVING STORM SEWER

BEGIN LOCATION			END LOCATION			204.0210 REMOVING MANHOLES	204.0220 REMOVING INLETS	204.0245.01 REMOVING STORM SEWER 12-INCH	204.0245.02 REMOVING STORM SEWER 15-INCH	204.0245.03 REMOVING STORM SEWER 18-INCH	204.0245.04 REMOVING STORM SEWER 21-INCH	204.0245.05 REMOVING STORM SEWER 24-INCH	204.0245.06 REMOVING STORM SEWER 30-INCH
STATION	OFFSET	TO	STATION	OFFSET	LOCATION	EACH	EACH	LF	LF	LF	LF	LF	LF
1052+21	7' LT	-	2052+20	3' RT	STH 50 R/L	--	1	4	--	--	--	--	--
2052+20	3' RT	-	1052+21	35' RT	STH 50 R/L	--	1	38	--	--	--	--	--
1052+21	35' RT	-	1053+10	67' RT	STH 50 R/L	--	1	--	94	--	--	--	--
1054+85	35' LT	-	1055+01	4' RT	STH 50 R/L	--	1	35	--	--	--	--	--
1055+01	4' LT	-	1055+08	7' RT	STH 50 R/L	--	1	14	--	--	--	--	--
1055+08	7' RT	-	1055+22	36' RT	STH 50 R/L	--	1	--	32	--	--	--	--
1055+23	55' RT	-	1055+22	36' RT	STH 50 R/L	--	1	20	--	--	--	--	--
1055+22	36' RT	-	1058+21	36' RT	STH 50 R/L	--	1	--	299	--	--	--	--
1058+21	35' LT	-	1058+21	8' LT	STH 50 R/L	--	1	28	--	--	--	--	--
1058+22	8' LT	-	1058+22	8' RT	STH 50 R/L	--	1	14	--	--	--	--	--
1058+22	8' RT	-	1058+21	36' RT	STH 50 R/L	--	1	28	--	--	--	--	--
1058+21	36' RT	-	1058+98	71' RT	STH 50 R/L	--	1	--	--	85	--	--	--
1061+55	36' LT	-	1060+62	36' LT	STH 50 R/L	--	1	94	--	--	--	--	--
1060+62	36' LT	-	1060+62	8' LT	STH 50 R/L	--	1	26	--	--	--	--	--
1060+62	8' LT	-	1060+62	C/L	STH 50 R/L	--	1	7	--	--	--	--	--
1060+62	C/L	-	1060+62	36' RT	STH 50 R/L	--	1	37	--	--	--	--	--
1060+62	8' LT	-	1060+62	C/L	STH 50 R/L	--	1	7	--	--	--	--	--
1060+62	C/L	-	1060+62	36' RT	STH 50 R/L	--	1	37	--	--	--	--	--
1060+62	36' RT	-	1060+62	69' RT	STH 50 R/L	--	1	--	33	--	--	--	--
1062+03	80' LT	-	1062+37	80' LT	STH 50 R/L	--	1	34	--	--	--	--	--
1062+37	80' LT	-	1064+00	58' LT	STH 50 R/L	--	1	--	--	--	66	--	--
1063+00	58' LT	-	1063+00	36' LT	STH 50 R/L	--	1	--	--	--	--	22	--
1063+00	35' LT	-	1062+87	8' RT	STH 50 R/L	--	1	--	--	--	--	46	--
1062+60	3' LT	-	1062+87	8' RT	STH 50 R/L	--	1	30	--	--	--	--	--
1062+87	8' RT	-	1062+87	36' RT	STH 50 R/L	--	1	--	--	--	--	28	--
1062+87	36' RT	-	1062+87	72' RT	STH 50 R/L	--	1	--	--	--	--	36	--
1065+12	59' LT	-	1065+12	36' LT	STH 50 R/L	--	1	--	23	--	--	--	--
1065+12	36' LT	-	1065+11	8' LT	STH 50 R/L	--	1	--	28	--	--	--	--
1065+11	8' LT	-	1065+11	C/L	STH 50 R/L	1	--	--	--	8	--	--	--
1065+11	C/L	-	1065+12	8' RT	STH 50 R/L	--	1	--	--	8	--	--	--
1065+11	8' RT	-	1065+12	36' RT	STH 50 R/L	--	1	--	--	28	--	--	--
1065+12	36' RT	-	1065+12	109' RT	STH 50 R/L	--	1	--	--	73	--	--	--
					TOTAL 0010	10	110	3031	1298	1212	193	954	20

SHEET 3 OF 3

3

REMOVING ASPHALTIC SURFAC

STATION	TO	STATION	LOCATION	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	204.0120 REMOVING ASPHALTIC SURFACE MILLING SY
3+04	-	3+12	CTH F	30	--
44+68	-	47+79	STH 83, RT	27	826
44+68	-	48+08	STH 83, LT	25	995
51+33	-	51+41	STH 75, RT	21	--
51+82	-	51+90	STH 75, LT	21	--
			TOTAL 0010	125	1,821

REMOVING CURB & GUTTER

STATION	TO	STATION	LOCATION	204.0130 REMOVING CURB LF	204.0150 REMOVING CURB & GUTTER LF	REMARKS SEE REMOVAL PLANS
986+50	-	988+30	STH 50, MEDIAN	--	319	SHEET 1 OF 16
3+05	-	4+05	CTH F, 24' RT	--	100	SHEET 3 OF 16
1002+18	-	1002+54	STH 50, 45' LT	--	27	SHEET 3 OF 16
1002+20	-	1002+65	STH 50, 48' RT	--	22	SHEET 3 OF 16
1004+25	-	1004+92	STH 50, 58' RT	--	86	SHEET 4 OF 16
1012+61	-	1013+24	STH 50, 37' LT	--	88	SHEET 5 OF 16
1013+30	-	1013+87	STH 50, 37' LT	--	72	SHEET 5 OF 16
1015+36	-	1015+87	STH 50, 35' LT	--	78	SHEET 6 OF 16
1021+85	-	1021+89	STH 50, 45' LT	8	--	SHEET 7 OF 16
1022+18	-	1023+09	STH 50, 35' RT	--	44	SHEET 7 OF 16
1023+42	-	1023+45	STH 50, 45' LT	20	--	SHEET 7 OF 16
1024+99	-	1025+92	STH 50, 35' RT	--	145	SHEET 7 OF 16
1029+37	-	1029+37	STH 50, 46' LT	21	--	SHEET 8 OF 16
1031+02	-	1032+18	STH 50, 46' LT	193	--	SHEET 8 OF 16
1033+82	-	1034+68	STH 50, 32' RT	--	101	SHEET 9 OF 16
40+54	-	41+00	246TH AVE, LT & RT	--	60	SHEET 9 OF 16
1034+37	-	1036+39	STH 50, 46' LT	--	22	SHEET 9 OF 16
64+39	-	64+43	244TH AVE, LT	--	4	SHEET 10 OF 16
70+58	-	70+85	243RD AVE, LT	--	28	SHEET 10 OF 16
79+41	-	79+44	242ND AVE, LT	--	3	SHEET 11 OF 16
95+80	-	96+25	236TH AVE, LT & RT	--	90	SHEET 13 OF 16
1068+21	-	1068+71	STH 50, LT & RT	--	99	SHEET 14 OF 16
			TOTAL 0010	242	1,388	

REMOVING TRAFFIC COUNTER

STATION	LOCATION	204.9060.S.01 REMOVING TRAFFIC COUNTER EACH	REMARKS
105273	STH 50, 51' LT	1	COUNTY PARKING PARKING LOT
	TOTAL 0010	1	

REMOVING PRIVATE LIGHT POLE

STATION	LOCATION	204.9060.S.02 REMOVING PRIVATE LIGHT POLE EACH	REMARKS
103465	50' LT	1	NE CORNER OF STH 50 & 246TH AVE
	TOTAL 0010	1	

REMOVING VERTICAL PANELS

STATION	TO	STATION	LOCATION	204.9060.S.03 REMOVING VERTICAL PANELS EACH
101425	-	1016000	STH 50 MEDIAN	37
			TOTAL 0010	37

EXCAVATION COMMON

205.0100

STATION	TO	STATION	LOCATION	EXCAVATION COMMON CY STAGE 1A	CY STAGE 1B	CY STAGE 2A	CY STAGE 2B	CY STAGE 3	CY STAGE 4A	CY STAGE 4B	CY STAGE 4C	CY STAGE 5	REMARKS
98425	-	99015	STH 50	693	--	--	--	--	--	--	--	693	WEST CROSSOVER
107178	-	107785	STH 50	1,368	--	--	--	--	--	--	--	1,368	EAST CROSSOVER
99420	-	99700	STH 50	--	38	919	--	53	--	890	--	--	
99700	-	100300	STH 50	--	319	2,505	--	1,029	--	1,819	--	--	
100300	-	100900	STH 50	--	218	1,515	1,443	1,149	1,945	813	--	--	
100900	-	101500	STH 50	--	166	1,801	--	995	--	2,026	--	--	
101500	-	102100	STH 50	--	--	1,778	--	601	--	641	1,381	--	
102100	-	102700	STH 50	--	--	1,797	--	--	--	656	1,987	--	
102700	-	103300	STH 50	--	--	1,779	--	--	--	707	1,834	--	
103300	-	103900	STH 50	--	105	1,948	--	--	--	1,103	1,863	--	
103900	-	104500	STH 50	--	--	1,985	--	--	--	840	1,889	--	
104500	-	105100	STH 50	--	125	1,960	--	--	--	1,041	1,906	--	
105100	-	105700	STH 50	--	--	1,779	--	--	--	696	1,954	--	
105700	-	106300	STH 50	--	340	1,799	--	--	--	828	2,402	--	
106300	-	106820	STH 50	--	128	1,545	--	--	--	400	1,695	--	
4469	-	4923	STH 83	--	--	--	1,870	--	--	--	--	--	
5074	-	5295	STH 75	--	--	--	--	--	616	--	--	--	
99420	-	106820	UNDISTRIBUTED	--	--	2,300	330	380	260	1,250	1,690	--	EBS *
99420	-	105193	STH 50 RT	--	--	1,488	--	--	--	--	--	--	SIDEWALK & DWY
99664	-	106799	STH 50 LT	--	--	--	--	--	--	385	1,166	--	SIDEWALK & DWY
				--	5,000	--	--	--	--	--	--	--	DETENTION POND
			STAGE SUBTOTAL	2,061	6,439	26,898	3,643	4,207	2,821	14,095	19,767	2,061	
			TOTAL 0010					81,992					

EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL

STATION	TO	STATION	LOCATION	205.0501.S EXCAVATION, HAULING, AND DISPOSAL OF PETROLEUM CONTAMINATED SOIL TON	REMARKS SEE PLAN & PROFILE
1003+75	-	1004+75	50' LT - 25' RT	0	SHEET 3 OF 23
1005+56	-	1006+76	24' LT - 107' LT	215	SHEET 3 OF 23
1022+50	-	1024+00	70' LT - 75' RT	445	SHEET 6 OF 23
1038+40	-	1040+25	C/L - 65' RT	930	SHEETS 8 & 9 OF 23
994+20	-	1068+20	UNDISTRIBUTED	210	SHEETS 8 & 9 OF 23
			TOTAL 0010	1,800	

BASE AGG & SELECT CRUSHED

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	623.0200 DUST CONTROL SURFACE TREATMENT SY	624.0100 WATER MGAL	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.9920 CONSTRUCTION STAKING SLOPE STAKES LF	REMARKS PLAN & PROFILE
994+20	-	997+00	STH 50	--	828	1,921	2,160	17	280	280	280	SHEET 1 OF 22
997+00	-	1003+00	STH 50	--	2,250	5,218	5,870	46	600	600	600	SHEET 2 OF 22
3+05	-	4+05	CTH F	15	359	--	468	8	100	100	100	SHEET 14 OF 22
1003+00	-	1009+00	STH 50	--	2,943	6,824	7,676	59	600	600	600	SHEET 3 OF 22
1009+00	-	1015+00	STH 50	--	2,022	4,688	5,274	41	600	600	600	SHEET 4 OF 22
1015+00	-	1021+00	STH 50	--	2,031	4,711	5,299	41	600	600	600	SHEET 5 OF 22
1021+00	-	1027+00	STH 50	--	1,965	4,558	5,127	40	600	600	600	SHEET 6 OF 22
1027+00	-	1033+00	STH 50	--	1,902	4,412	4,963	39	600	600	600	SHEET 7 OF 22
1033+00	-	1039+00	STH 50	--	2,046	4,744	5,337	41	600	600	600	SHEET 8 OF 22
1039+00	-	1045+00	STH 50	--	2,016	4,674	5,258	41	600	600	600	SHEET 9 OF 22
1045+00	-	1051+00	STH 50	--	2,079	4,822	5,424	42	600	600	600	SHEET 10 OF 22
1051+00	-	1057+00	STH 50	--	1,941	4,501	5,063	39	600	600	600	SHEET 11 OF 22
1057+00	-	1063+00	STH 50	--	2,086	4,838	5,442	42	600	600	600	SHEET 12 OF 22
1063+00	-	1068+70	STH 50	--	1,652	3,832	4,311	34	570	570	570	SHEET 13 OF 22
44+69	-	49+23	STH 83 LT & MEDIAN	4	415	963	1,083	9	454	454	454	SHEET 15 OF 22
45+36	-	48+56	STH 83 RT	--	333	772	868	7	320	320	320	SHEET 15 OF 22
50+74	-	52+95	STH 75	--	247	572	643	5	221	221	221	SHEET 16 OF 22
994+20	-	1068+20	STH 50 LT & RT	5	1,248	--	1,627	25	658	658	--	ALL OTHER SIDEROADS
995+75	-	1068+04	STH 50 LT & RT	--	4,068	--	--	82	--	--	--	DRIVEWAYS & SIDEWALK
984+00	-	971+38	STH 50	--	4,360	--	--	88	--	--	--	ASPHALTIC TEMPORARY
994+20	-	1068+20	VARIOUS LOCATIONS	--	1,014	--	--	21	--	--	--	CURB & GUTTER TYPE D
996+50	-	998+30	STH 50 LT	39	--	--	--		--	--	--	GRAVEL DRIVEWAYS
1058+50	-	1062+50	STH 50 RT	25	--	--	--		--	--	--	GRAVEL DRIVEWAYS
994+20	-	1068+20	10% UNDISTRIBUTED	12	3,786	6,205	--	76	--	--	--	
			TOTAL 0010	100	41,590	68,255	71,893	843	9,203	9,203	8,545	

BASE PATCHING

STATION	TO	STATION	LOCATION	390.0203 BASE PATCHING ASPHALTIC SY	390.0303 BASE PATCHING CONCRETE SY	390.0403 BASE PATCHING CONCRETE SHES SY	REMARKS
44+69	-	48+08	STH 83	--	100	--	UNDISTRIBUTED
45+87	-	45+99	STH 83 RT	--	32	--	LOOP DETECTOR
47+17	-	47+29	STH 83 RT	--	32	--	LOOP DETECTOR
52+65	-	52+77	STH 75 LT	32	--	32	LOOP DETECTOR
53+95	-	54+07	STH 75 LT	32	--	32	LOOP DETECTOR
			TOTAL 0010	64	164	64	

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CONCRETE TRUCK APRON

STATION	TO	STATION	LOCATION	405.0100 COLORING CONCRETE WISDOT RED CY	416.0512 CONCRETE TRUCK APRON 12-INCH SY	SPV.0165.01 CONCRETE SIDEWWALK 12-INCH SF	SPV.0165.02* CONSTRUCTION STAKING SIDEWALK SF	REMARKS SEE PLAN DETAILS
1004+24	-	1004+93	STH 50, 39'-86' LT	25	76	213	213	SHEET 3 OF 15
1006+80	-	1007+46	STH 50, 39'-86' RT	20	59	222	222	SHEET 3 OF 15
			TOTAL 0010	45	135	435	435	

NOTE:
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS. SEE CONCRETE SIDEWALK 5-INCH MISCELLANEOUS QUANTITY TABLE.

CONCRETE PAVEMENT

STATION	TO	STATION	LOCATION	415.0095 CONCRETE PAVEMENT 9 1/2-INCH SY	415.0210 CONCRETE PAVEMENT GAPS EACH	415.1095 CONCRETE PAVEMENT HES 9 1/2-INCH SY	415.5110.S CONCRETE PAVEMENT JOINT LS	650.7000 CONSTRUCTION STAKING CONCRETE PAVEMENT LF	715.0415 INCENTIVE STRENGTH CONCRETE DOL	REMARKS
994+20	-	1068+20	PROJECT LIMITS	--	--	--	1	--	--	
994+20	-	997+00	STH 50	1,428	--	--	--	280	1,428	PLAN & PROF SHEET 1
997+00	-	1003+00	STH 50	3,828	1	64	--	600	3,828	PLAN & PROF SHEET 2
1003+00	-	1009+00	STH 50	4,256	--	--	--	600	4,256	PLAN & PROF SHEET 3
1009+00	-	1015+00	STH 50	3,692	--	--	--	600	3,692	PLAN & PROF SHEET 4
1009+00	-	1015+00	PICK N SAVE DWYS	45	--	--	--	600	45	PLAN & PROF SHEET 4
1015+00	-	1021+00	STH 50	3,921	1	64	--	600	3,985	PLAN & PROF SHEET 5
1021+00	-	1027+00	STH 50	3,766	1	64	--	600	3,830	PLAN & PROF SHEET 6
20+30	-	20+58	248TH AVE	200	--	--	--	28	200	PLAN & PROF SHEET 6
1027+00	-	1033+00	STH 50	3,775	--	--	--	600	3,775	PLAN & PROF SHEET 7
1033+00	-	1039+00	STH 50	3,598	2	128	--	600	128	PLAN & PROF SHEET 8
39+45	-	39+68	EAST SCHOOL DWY	122	--	--	--	23	122	PLAN & PROF SHEET 8
1039+00	-	1045+00	STH 50	3,882	2	128	--	600	128	PLAN & PROF SHEET 9
64+42	-	64+70	244TH AVE	165	--	--	--	28	165	PLAN & PROF SHEET 9
1045+00	-	1051+00	STH 50	3,759	2	128	--	600	128	PLAN & PROF SHEET 10
1045+00	-	1051+00	74TH PL	119	--	--	--	600	119	PLAN & PROF SHEET 10
1051+00	-	1057+00	STH 50	3,584	--	--	--	600	3,584	PLAN & PROF SHEET 11
1057+00	-	1063+00	STH 50	3,488	1	64	--	600	3,552	PLAN & PROF SHEET 12
1063+00	-	1068+20	STH 50	2,974	--	--	--	520	2,974	PLAN & PROF SHEET 13
4+04		4+67	CTH F (256TH AVE)	534	--	--	--	63	534	PLAN & PROF SHEET 14
48+56	-	49+78	STH 83	849	--	--	--	122	849	PLAN & PROF SHEET 15
51+13	-	51+79	STH 75	978	--	--	--	66	978	PLAN & PROF SHEET 16
10+32	-	10+60	250TH AVE	168	--	--	--	28	168	PLAN & PROF SHEET 17
3+55	-	3+68	WEST SCHOOL DWY	79	--	--	--	13	79	PLAN & PROF SHEET 18
40+32	-	40+55	246TH AVE	118	--	--	--	23	118	PLAN & PROF SHEET 19
70+30	-	70+58	243RD AVE	158	--	--	--	28	158	PLAN & PROF SHEET 20
79+40	-	79+69	242ND AVE	164	--	--	--	29	164	PLAN & PROF SHEET 21
95+33	-	95+86	236TH AVE	397	--		--	53	397	PLAN & PROF SHEET 22
			TOTAL 0010	50,045	10	640	1	9,104	39,382	

CONCRETE DRIVEWAY 7-INCH

STATION	TO	STATION	LOCATION	416.0170 CONCRETE DRIVEWAY 7-INCH SY	REMARKS SEE PLAN DETAILS FOR LOCATION
99575	-	100262	STH 50 LT & RT	217	6 DRIVEWAYS
101541	-	102405	STH 50 LT & RT	397	8 DRIVEWAYS
102561	-	103292	STH 50 LT & RT	179	6 DRIVEWAYS
103573	-	104271	STH 50 LT & RT	404	13 DRIVEWAYS
104408	-	105303	STH 50 LT & RT	235	7 DRIVEWAYS
105529	-	106804	STH 50 LT & RT	117	6 DRIVEWAYS
			TOTAL 0010	1,548	

DRILLED TIE & DOWEL BARS

STATION	TO	STATION	LOCATION	416.0610 DRILLED TIE BARS EACH	416.0620 DRILLED DOWEL BARS EACH	REMARKS
994+20	-	994+20	STH 50 WB LANE	4	16	
994+20	-	994+20	STH 50 EB LANE	4	16	
1002+18	-	1002+66	STH 50 LT & RT	8	--	
1004+25	-	1004+93	STH 50 RT	4	--	
45+87	-	45+99	STH 83 RT	--	16	BASE PATCHING
46+19	-	47+44	STH 83 10' LT	45	--	TIE NEW C/G TO CONC BASE
47+17	-	47+29	STH 83 RT	--	16	BASE PATCHING
52+64	-	52+76	STH 75 LT	4	16	BASE PATCHING
53+94	-	54+06	STH 75 LT	8	16	BASE PATCHING
52+28	-	53+32	STH 75 LT	30	--	TIE NEW C/G TO CONC BASE
1013+05	-	1013+65	STH 50 LT	8	--	
1015+39	-	1015+80	STH 50 LT	4	--	
18+50	-	18+50	W HIGH SCH DWY	4	--	
1068+21	-	1068+71	STH 50 LT & RT	36	48	
40+68	-	48+08	STH 83-UNDISTRIBUTED	51	51	VARIOUS BASE PATCHING
			TOTAL 0010	210	195	

CONCRETE SURFACE DRAINS

STATION	TO	STATION	LOCATION	416.1010 CONCRETE SURFACE DRAINS CY
986+34	-	986+52	STH 50 RT	1.36
987+75	-	987+92	STH 50 LT	1.37
3+98	-	4+10	CTH F, 24' RT	1.77
			TOTAL 0010	4.50

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ASPHALTIC PAVEMENT

STATION	TO	STATION	LOCATION	450.4000 HMA COLD WEATHER PAVING TON	455.0605 TACK COAT GAL	460.2000 INCENTIVE DENSITY HMA DOL	460.6223 HMA PAVEMENT 3 MT 58-28 S TON	460.6224 HMA PAVEMENT 4 MT 58-28 S TON
3+04	-	4+04	CTH F	--	33	153	97	56
44+69	-	48+08	STH 83 SB	--	144	212	0	212
48+08	-	49+23	STH 83 SB	--	43	119	55	64
44+69	-	47+69	STH 83 NB	--	115	170	0	170
44+69	-	48+56	STH 83 NB	--	149	409	189	220
50+77	-	51+42	STH 75 NB	--	25	69	32	37
51+68	-	53+32	STH 75 NB LTL	--	26	71	33	38
51+79	-	51+89	STH 75 SB	--	6	15	7	8
1012+75	-	1013+82	PICK N SAVE DWY	57	12	57	36	21
10+60	-	10+90	150TH AVE	44	10	44	28	16
18+50	-	19+65	W HIGH SCHOOL DWY	--	24	112	71	41
20+58	-	20+68	248TH AVE	19	5	19	12	7
39+25	-	39+45	E HIGH SCHOOL DWY	--	8	35	22	13
40+55	-	41+00	246TH AVE	58	13	58	37	21
64+05	-	64+42	244TH AVE	--	8	35	22	13
70+58	-	70+85	243RD AVE	38	8	38	24	14
78+95	-	79+40	242ND AVE	--	15	70	44	26
90+60	-	90+70	74TH PL	7	2	7	4	3
95+86	-	96+25	236TH AVE	64	14	64	41	23
			TOTAL 0010	287	660	1757	754	1003

ASPHALTIC TEMPORARY

STATION	TO	STATION	LOCATION	465.0115 ASPHALTIC SURFACE DETOURS TON	465.0125 ASPHALTIC SURFACE TEMPORARY TON	465.0310 ASPHALTIC CURB LF	465.0315 ASPHALTIC FLUMES SY
STAGE 1A:							
984+00	-	990+00	STH 50	--	219	111	8
1071+38	-	1077+85	STH 50	--	389	--	--
STAGE 1B:							
996+38	-	1002+17	STH 50	--	109	--	--
1003+24	-	1010+85	STH 50	--	178	--	--
1032+98	-	1036+01	STH 50	--	43	--	--
1048+62	-	1050+96	STH 50	--	22	--	--
1057+82	-	1064+47	STH 50	--	137	--	--
STAGE 2A:			STH 50	--	--	--	--
1020+21	-	1020+29	STH 50, 32' LT	--	--	9	3
1022+96	-	1023+04	STH 50, 32' LT	--	--	9	3
1029+40	-	1029+48	STH 50, 32' LT	--	--	9	3
1032+55	-	1032+65	STH 50, 32' LT	--	--	11	5
1034+67	-	1034+77	STH 50, 32' LT	--	--	11	5
STAGE 2B:			UNDISTRIBUTED	20			
STAGE 3:			UNDISTRIBUTED	20			
49+05	-	49+51	STH 83	--	22	--	--
1020+21	-	1043+00	STH 50	--	92	--	--
1032+97	-	1047+60	STH 50	--	118	--	--
STAGE 4A:				--		--	--
996+18	-	1006+40	STH 50	--	248	--	--
1016+93	-	1017+50	STH 50	--	8	--	--
1018+85	-	1020+67	STH 50	--	36	--	--
STAGE 4B:			UNDISTRIBUTED	20		--	--
1003+20	-	1005+14	STH 50	--	49	--	--
50+52	-	50+90	STH 75	--	17	--	--
						--	--
			TOTAL 0010	60	1687	160	27

ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES

STATION	TO	STATION	LOCATION	465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON
994+20	-	1005+75	STH 50 LT & RT	57
1005+75	-	1025+50	STH 50 LT & RT	107
1025+50	-	1034+25	STH 50 LT & RT	238
1034+25	-	1043+25	STH 50 LT & RT	166
1043+25	-	1062+25	STH 50 LT & RT	103
1062+25	-	1068+20	STH 50 LT & RT	17
994+20	-	1068+20	UNDISTRIBUTED	69
			TOTAL 0010	757

RAILING PIPE

STATION	TO	STATION	LOCATION	513.2001 RAILING PIPE LF	REMARKS
100485	-	100524	STH 50, 55' RT	52	INSTALL ON PARKING LOT & PEDESTRIAN CURBS
100491	-	100529	STH 50, 61' RT	50	INSTALL ON PEDESTRIAN CURB
103129	-	103272	STH 50, 45' LT	143	INSTALL ON PARKING LOT CURB
103477	-	103605	STH 50, 47' LT	128	INSTALL ON PARKING LOT CURB
104210	-	104210	STH 50, 45' RT	4	INSTALL ON WEST SIDE OF CONCRETE STEPS
104215	-	104215	STH 50, 45' RT	4	INSTALL ON EAST SIDE OF CONCRETE STEPS
104404	-	104404	STH 50, 45' RT	4	INSTALL ON WEST SIDE OF CONCRETE STEPS
			TOTAL 0010	385	

CLEANING CULVERT PIPES

STATION	LOCATION	520.8700 CLEANING CULVERT PIPES EACH	REMARKS
100960	STH 50	1	EXISTING 36" CPRC
105940	STH 50	1	EXISTING 36" CPRC
	TOTAL 0010	2	

WALL MODULAR BLOCK GRAVITY

STATION	TO	STATION	LOCATION	532.0200.S WALL MODULAR BLOCK GRAVITY SF	REMARKS
51+42	-	51+52	STH 75, 50' LT	20	PARTIAL 2'X10' WALL
			TOTAL 0010	20	

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CONCRETE CURB & GUTTER

STATION	TO	STATION	LOCATION	601.0110 CONCRETE CURB TYPE D LF	601.0405 CONCRETE CURB & GUTTER 18-INCH TYPE A LF	601.0407 CONCRETE CURB & GUTTER 18-INCH TYPE D LF	601.0409 CONCRETE CURB & GUTTER 30-INCH TYPE A LF	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	601.0580 CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R LF	601.0600 CONCRETE CURB PEDESTRIAN LF	650.5500* CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	REMARKS SEE PLAN DETAILS
986+50	-	988+30	STH 50	--	--	--	312	--	--	--	312	SHEET 1 OF 19
994+20	-	997+00	STH 50	--	--	86	560	--	--	--	646	SHEET 2 OF 19
997+00	-	1003+00	STH 50	--	--	--	1345	--	--	--	1,345	SHEET 3 OF 19
3+05	-	4+05	CTH F, RT	--	--	--	--	94	--	--	94	SHEET 3 OF 19
1003+00	-	1009+00	STH 50	--	--	--	1406	--	144	199	1,749	SHEET 4 OF 19
1009+00	-	1015+00	STH 50	--	--	--	1053	135	--	165	1,353	SHEET 6 OF 19
1015+00	-	1021+00	STH 50	33	--	33	368	--	--	--	434	SHEET 7 OF 19
1021+00	-	1027+00	STH 50	42	--	44	54	324	--	128	592	SHEET 8 OF 19
1027+00	-	1033+00	STH 50	142	317	--	86	--	--	--	545	SHEET 9 OF 19
1033+00	-	1039+00	STH 50	--	853	--	80	142	--	--	1,075	SHEET 10 OF 19
1039+00	-	1045+00	STH 50	--	--	--	108	47	--	11	166	SHEET 11 OF 19
1045+00	-	1051+00	STH 50	--	674	--	108	--	--	58	840	SHEET 12 OF 19
1051+00	-	1057+00	STH 50	--	503	--	517	--	--	--	1,020	SHEET 13 OF 19
1057+00	-	1063+00	STH 50	--	--	--	1050	78	--	--	1,128	SHEET 14 OF 19
1063+00	-	1068+70	STH 50	--	--	--	877	--	--	--	877	SHEET 15 OF 19
1071+38	-	1071+70	STH 50, RT	--	--	--	42	--	--	--	42	SHEET 18 OF 19
44+69	-	49+23	STH 83	--	--	--	--	1158	--	--	1,158	SHEET 18 OF 19
50+74	-	52+95	STH 75	--	--	--	173	414	--	--	587	SHEET 19 OF 19
			TOTAL 0010	217	2,347	163	8,139	2,392	144	561	13,963	

NOTE:

*ADDITIONAL QUANTITY SHOWN ELSEWHERE IN PLANS. SEE CONCRETE CG SPECIALS MISCELLANEOUS QUANTITY TABLE.

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CONCRETE SIDEWALK 5-INCH

STATION	TO	STATION	LOCATION	602.0410 CONCRETE SIDEWALK 5-INCH SF	SPV.0165.02* CONSTRUCTION STAKING SIDEWALK SF	REMARKS SEE PLAN DETAILS
994+20	-	997+00	STH 50 LT & RT	1,414	1,414	SHEET 2 OF 19
997+00	-	1003+00	STH 50 LT & RT	6,563	6,382	SHEET 3 OF 19
1003+00	-	1009+00	STH 50 LT & RT	7,035	6,780	SHEET 4 OF 19
1009+00	-	1015+00	STH 50 LT & RT	4,996	4,772	SHEET 6 OF 19
1015+00	-	1021+00	STH 50 LT & RT	5,827	5,746	SHEET 7 OF 19
1021+00	-	1027+00	STH 50 LT & RT	6,107	6,002	SHEET 8 OF 19
1027+00	-	1033+00	STH 50 LT & RT	5,435	5,242	SHEET 9 OF 19
1033+00	-	1039+00	STH 50 LT & RT	8,088	7,749	SHEET 10 OF 19
1039+00	-	1045+00	STH 50 LT & RT	2,292	2,292	SHEET 11 OF 19
1045+00	-	1051+00	STH 50 LT & RT	4,432	4,245	SHEET 12 OF 19
1051+00	-	1057+00	STH 50 LT & RT	2,165	2,006	SHEET 13 OF 19
1057+00	-	1063+00	STH 50 LT & RT	2,741	2,600	SHEET 14 OF 19
1063+00	-	1068+20	STH 50 LT & RT	2,644	2,589	SHEET 15 OF 19
			TOTAL 0010	59,738	57,817	

NOTE:
* ADDITIONAL QUANTITIES SHOWN ELSEWHERE IN PLANS. SEE CONCRETE TRUCK APRON MISCELLANEOUS QUANTITY TA

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CONCRETE STEPS

STATION	TO	STATION	LOCATION	602.1500 CONCRETE STEPS SF	REMARKS
1042+10	-	1042+15	STH 55, 45' RT	30	SEE CONSTRUCTION DETAILS
1044+04	-	1044+08	STH 55, 45' RT	31	SEE CONSTRUCTION DETAILS
			TOTAL 0010	61	

CONCRETE SAFETY ISLANDS

STATION	TO	STATION	LOCATION	602.2400 CONCRETE SAFETY ISLANDS SF
1005+08	-	1005+29	STH 50, 36' LT	500
1006+40	-	1006+63	STH 50, 36' RT	507
			TOTAL 0010	1,007

CURB RAMPS

STATION	TO	STATION	LOCATION	602.0505 CURB RAMP DETECTABLE WARNING FIELD YELLOW SF	602.0605 CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF	650.9000 CONSTRUCTION STAKING CURB RAMPS EACH	SPV.0060.02 GRADING SHAPING & FINISHING CURB RAMPS ONE RAMP EACH	SPV.0060.03 GRADING SHAPING & FINISHING CURB RAMPS TWO RAMP EACH
998+62	-	999+88	CTH F INTERSECTION	20	37	4	2	1
1004+67	-	1006+99	STH 83/75 INTERSECTION	55	42	7	7	--
1012+81	-	1013+81	STH 50 LT, STRIP MALL DWY	20	37	4	4	--
1016+88	-	1017+55	STH 50 LT, 250TH AVE	20	--	2	2	--
1025+03	-	1026+17	248TH AVE INTERSECTION	40	39	10	10	--
1033+73	-	1034+67	246TH AVE INTERSECTION	40	--	8	8	--
1039+75	-	1042+42	STH 50 RT, 244TH AVE	20	--	2	2	--
1042+83	-	1043+48	STH 50 LT, 243RD AVE	20	--	2	2	--
1046+62	-	1047+76	242ND AVE INTERSECTION	25	16	6	6	--
1061+75	-	1062+84	STH 50 LT, 236TH AVE	--	39	2	2	--
			TOTAL 0010	260	211	47	45	1

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RIPRAP & GEOTEXTILE

STATION	TO	STATION	LOCATION	606.0200 RIPRAP MEDIUM CY	645.0120 GEOTEXTILE TYPE HR SY	REMARKS
STAGE 1B:						
1007+62	-	1008+48	80'-300' RT	216	432	OPEN CHANNEL INSIDE DETENTION POND
1009+08	-	1009+55	85'-100' RT	40	80	EMERGENCY SPILLWAY FROM POND
1009+52	-	1009+65	100'-115' RT	5	11	PIPE DISCHARGE FROM POND
STAGE 2A-2B:						
		994+50	71' RT	2	4	12" STORM SEWER PIPE DISCHARGE
		997+71	71' RT	2	4	12" STORM SEWER PIPE DISCHARGE
		1008+21	71' RT	2	4	12" STORM SEWER PIPE DISCHARGE
		1011+26	84' RT	3	6	18" STORM SEWER PIPE DISCHARGE
		1012+87	72' RT	3	6	18" STORM SEWER PIPE DISCHARGE
		1053+11	67' RT	3	6	18" STORM SEWER PIPE DISCHARGE
		1058+98	71' RT	3	7	24" STORM SEWER PIPE DISCHARGE
		1060+58	65' RT	3	7	14X23" STORM SEWER PIPE DISCHARGE
		1062+88	71' RT	3	7	24" STORM SEWER PIPE DISCHARGE
		1065+12	72' RT	3	6	18" STORM SEWER PIPE DISCHARGE
STAGE 4A-4C:						
		1006+70	67' LT	3	7	14X23" STORM SEWER PIPE DISCHARGE
		1011+04	76' LT	2	4	12" STORM SEWER PIPE DISCHARGE
			TOTAL 0010	295	590	

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CULVERT PIPE

ROADWAY	INLET STATION	INLET OFFSET	INLET ELEVATION	DISCHARGE STATION	DISCHARGE OFFSET	DISCHARGE ELEVATION	PIPE SLOPE	521.1015 APRON ENDWALLS FOR CULVERT PIPE STEEL 15-INCH EACH	521.3115 CULVERT PIPE CORRUGATED STEEL 15-INCH LF
STH 50	1066+60.3	58.7' LT	800.90	1066+30.4	57.9' LT	800.39	1.69%	2	30
	1068+03.9	59.8' LT	804.84	1067+75.8	59.8' LT	804.65	0.67%	2	28
							PROJECT TOTALS	4	58

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV	LOWEST PIPE INVERT ELEV	TOP OF STRUCTURE ELEV	BOTTOM OF STRUCTURE ELEV	STR DEPTH FEET	520.8000 CONCRETE COLLARS FOR PIPE EACH	611.0420 RECONSTRUCTING MANHOLES EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.1230 CATCH BASINS 2X3-FT EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	SPV.0060.01 MANHOLES 9-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	SPV.0090.09 TRENCH DRAIN 12-INCH LF	COMMENTS
1A	994+50.0	8.5' RT	825.41	821.67	824.41	819.67	4.74	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
1B	994+50.0	37.5' RT	825.84	821.52	824.84	819.52	5.31	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
1C	994+50.0	65.5' RT	---	821.38	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
2A	998+31.5	37.5' LT	827.88	824.51	826.88	822.51	4.36	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
2B	997+71.0	8.5' LT	826.92	824.18	825.92	822.18	3.74	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
2C	997+71.0	8.5' RT	827.91	824.09	826.91	822.09	4.82	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
2D	997+71.0	37.5' RT	827.83	823.95	826.83	821.95	4.88	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
2E	997+71.0	65.5' RT	---	823.81	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
3A	999+76.0	1.7' RT	830.65	826.59	829.65	824.59	5.07	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
3B	999+76.5	8.5' RT	830.88	826.52	829.88	824.52	5.36	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
3C	1001+73.5	46.5' RT	832.44	827.78	831.44	825.78	5.67	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
3D	1000+06.2	37.5' RT	831.23	825.85	830.23	823.85	6.38	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
3E	1000+37.5	62.7' RT	---	828.20	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
3F	1000+06.3	62.8' RT	829.92	824.85	828.68	824.60	4.08	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
3G	999+75.7	74.5' RT	827.67	824.91	826.67	824.72	1.95	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	
3H	999+76.4	62.5' RT	829.41	824.55	828.17	823.88	4.29	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
4A	1005+05.6	8.5' LT	830.18	824.34	829.18	822.34	6.83	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4B	1005+08.6	1.5' LT	830.30	824.27	829.30	822.27	7.02	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4C	1004+75.3	58.2' RT	832.26	824.58	831.17	822.58	8.59	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
4D	1004+83.2	46.5' RT	830.58	823.80	829.58	821.80	7.77	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
4E	1005+08.7	46.5' RT	830.15	823.29	829.15	821.29	7.86	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
4R	48+12.1	52.5' RT	827.14	822.21	826.14	820.21	5.92	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4F	48+22.1	52.5' RT	827.08	822.16	826.08	820.16	5.92	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4G	48+32.1	52.5' RT	827.13	822.11	826.13	820.11	6.02	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4S	48+13.4	35.5' LT	828.68	822.59	827.68	820.59	7.09	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4H	48+16.5	1.5' LT	827.35	822.42	826.35	820.42	5.93	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4I	48+32.1	1.5' LT	827.42	821.84	826.42	819.84	6.58	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
4J	48+61.2	8.5' LT	828.44	821.69	827.44	819.69	7.75	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
4K	48+61.2	35.5' LT	828.44	823.19	827.44	821.19	6.25	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4L	49+28.3	35.6' LT	828.87	823.41	827.87	821.41	6.46	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
4M	48+71.2	35.5' LT	828.43	822.84	827.43	820.84	6.59	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
4N	48+71.2	8.5' LT	828.43	821.64	827.43	819.64	7.79	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
4O	1006+61.4	43.6' RT	827.08	822.26	826.08	820.26	5.82	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
4P	1006+57.4	63.7' RT	827.35	821.30	826.35	819.30	7.05	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	
4Q	1007+38.0	78.5' RT	---	820.89	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
5A	50+85.9	38.4' LT	829.36	824.56	828.36	822.56	5.80	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
5M	51+04.9	54.7' LT	829.00	824.15	827.50	822.15	5.35	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
5B	51+27.8	44.8' LT	828.79	823.99	827.79	821.99	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
5C	51+18.5	48.6' LT	828.74	823.89	827.74	821.89	5.85	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
5D	51+41.7	1.5' RT	828.33	823.65	827.33	821.65	5.68	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
5E	51+31.7	1.5' RT	828.38	823.35	827.38	821.35	6.03	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
5F	51+01.4	8.5' RT	828.60	823.19	827.60	821.19	6.41	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
5G	50+91.4	8.5' RT	828.59	823.14	827.59	821.14	6.45	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
5L	51+26.4	35.5' RT	828.46	823.35	827.46	821.35	6.11	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
5H	50+91.4	35.5' RT	828.25	823.01	827.25	821.01	6.24	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
5I	50+71.2	36.2' RT	828.16	822.91	827.16	820.91	6.26	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
5J	50+47.5	45.7' RT	828.50	822.78	827.26	822.57	4.68	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
5K	1006+64.1	65.9' LT	---	822.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
6A	1008+21.0	37.5' LT	824.15	820.25	823.15	818.25	4.90	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
6B	1007+50.0	1.5' RT	825.06	820.22	824.06	818.22	5.84	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
6C	1008+21.0	1.5' RT	823.96	819.86	822.96	817.86	5.10	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
6D	1008+21.0	8.5' RT	824.32	819.79	823.32	817.79	5.53	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
6E	1008+21.0	37.5' RT	824.31	819.50	823.31	817.50	5.81	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
6F	1008+21.0	65.5' RT	---	819.22	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
7A	1011+29.4	37.5' LT	821.95	817.16	820.95	815.16	5.78	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
SUBTOTALS								**1**	**0**	**3**	**15**	**2**	**1**	**24**	**1**	**2**	**0**	**0**	**0**	**0**	**1**	**0**	**0**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV	LOWEST PIPE INVERT ELEV	TOP OF STRUCTURE ELEV	BOTTOM OF STRUCTURE ELEV	STR DEPTH FEET	520.8000 CONCRETE COLLARS FOR PIPE EACH	611.0420 RECONSTRUCTING MANHOLES EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.1230 CATCH BASINS 2X3-FT EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	SPV.0060.01 MANHOLES 9-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	SPV.0090.09 TRENCH DRAIN 12-INCH LF	COMMENTS
7B	1010+69.4	37.5' LT	822.03	817.56	821.03	815.56	5.47	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
7C	1011+19.4	37.5' LT	821.95	817.06	820.95	815.06	5.89	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
7D	1011+06.2	71.0' LT	---	816.70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
8A	1010+65.1	0.7' RT	821.87	817.07	820.87	815.07	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
8B	1010+75.0	0.5' LT	821.82	816.72	820.82	814.72	6.10	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
8C	1011+21.7	6.3' LT	821.94	816.25	820.94	814.25	6.69	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
8D	1012+25.0	1.5' LT	821.94	817.22	820.94	815.22	5.72	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
8E	1011+57.9	1.5' LT	821.72	816.82	820.72	814.82	5.90	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
8F	1011+47.9	1.5' LT	821.77	815.73	820.77	813.73	7.04	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
8G	1011+46.4	37.5' RT	822.01	816.03	821.01	814.03	6.99	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
8H	1011+36.4	37.5' RT	822.01	815.33	821.01	813.33	7.68	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
8I	1011+26.4	37.5' RT	822.01	812.32	821.01	810.32	10.69	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
8J	1011+26.4	78.5' RT	---	811.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
9A	1017+55.5	63.5' LT	822.86	820.30	821.86	820.11	1.75	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	
9B	1016+96.0	62.8' LT	824.59	820.12	823.59	819.93	3.65	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	
9	1016+96.0	27.0' RT	825.44	819.85	824.20	819.64	4.55	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
10A	1014+07.6	37.5' LT	823.50	818.79	822.50	816.79	5.71	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
10B	1013+94.6	37.5' LT	823.45	818.69	822.45	816.69	5.76	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
10C	1013+71.9	0.0' LT	823.14	818.11	822.14	816.11	6.03	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
10	1013+37.5	27.5' RT	823.12	817.53	821.88	817.32	4.56	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	
10D	1013+25.0	37.5' RT	822.81	817.41	821.81	815.41	6.40	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
10E	1012+91.2	68.2' RT	---	817.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
11A	1020+25.0	34.5' LT	819.68	814.89	818.68	812.89	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
11B	1020+25.0	34.5' RT	819.44	814.64	818.44	812.64	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
11	1020+25.0	13.0' RT	819.88	813.44	818.64	813.23	5.41	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
12A	1023+00.0	34.5' LT	806.86	802.06	805.86	800.06	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
12B	1023+00.0	34.5' RT	806.44	801.64	805.44	799.64	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
12	1023+00.0	13.0' RT	806.88	799.81	805.64	799.56	6.08	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
13	1024+00.0	13.8' RT	802.78	792.49	801.54	791.92	9.62	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	
14A	1024+87.5	34.5' LT	800.81	796.01	799.81	794.01	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
14	1024+87.5	14.5' RT	801.22	791.61	799.98	791.40	8.58	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	
15A	1034+71.5	36.5' LT	824.25	819.45	823.25	817.45	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
15B	1034+96.4	1.7' RT	824.38	819.04	823.29	817.04	6.26	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
15C	1034+81.4	1.7' RT	824.29	818.89	823.20	816.89	6.32	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
15D	1034+81.4	8.2' RT	824.40	818.80	823.32	816.80	6.52	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
15E	1035+09.3	36.5' RT	824.64	819.83	823.64	817.83	5.81	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
15F	1034+84.3	36.5' RT	824.38	819.58	823.38	817.58	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
15G	1034+56.1	37.7' RT	824.04	819.24	823.04	817.24	5.80	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
15H	1034+67.4	35.0' RT	824.23	818.76	822.99	818.57	4.42	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
15	1034+68.2	15.0' RT	824.32	817.64	823.08	817.39	5.69	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
16A	1032+62.0	47.5' LT	822.62	817.62	821.62	815.62	6.00	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
16B	1032+59.0	36.5' LT	822.19	817.39	821.19	815.39	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
16C	1033+11.2	1.7' LT	822.89	817.69	821.80	815.69	6.11	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
16D	1032+61.2	1.7' LT	822.19	816.69	821.11	814.69	6.42	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
16E	1033+12.1	36.5' RT	822.56	817.76	821.56	815.76	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
16F	1032+62.1	36.5' RT	822.21	817.41	821.21	815.41	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
16	1032+62.3	15.0' RT	822.65	815.17	821.41	814.92	6.49	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
17A	1031+44.7	7.1' LT	822.01	817.21	820.93	815.21	5.72	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
17B	1031+44.8	7.1' RT	822.01	816.93	820.92	814.93	6.00	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
17	1031+44.8	13.6' RT	821.89	814.00	820.65	813.75	6.91	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
18A	10+38.6	46.0' LT	821.44	819.40	819.94	819.40	0.53	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	21.1	
18B	1031+01.6	47.7' LT	821.54	816.29	820.54	816.13	4.41	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	
18C	1030+50.7	46.0' LT	820.59	818.73	819.09	818.73	0.35	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	38.0	
18D	1031+00.0	34.5' LT	820.85	815.78	819.85	813.78	6.07	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
18E	1031+00.0	34.5' RT	820.85	816.05	819.85	814.05	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
SUBTOTALS								**0**	**0**	**7**	**8**	**0**	**0**	**22**	**4**	**3**	**0**	**2**	**1**	**0**	**3**	**0**	**59**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV	LOWEST PIPE INVERT ELEV	TOP OF STRUCTURE ELEV	BOTTOM OF STRUCTURE ELEV	STR DEPTH FEET	520.8000 CONCRETE COLLARS FOR PIPE EACH	611.0420 RECONSTRUCTING MANHOLES EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.1230 CATCH BASINS 2X3-FT EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	SPV.0060.01 MANHOLES 9-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	SPV.0090.09 TRENCH DRAIN 12-INCH LF	COMMENTS
18	1031+00.0	13.0' RT	821.29	813.55	820.05	813.30	6.75	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
19A	1029+54.6	49.8' LT	823.07	812.37	822.07	812.20	9.87	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	
19B	1029+44.6	49.2' LT	816.80	811.91	815.80	811.73	4.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	
19C	1029+01.1	46.0' LT	815.83	813.71	814.33	813.71	0.61	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	36.0	
19D	1029+44.0	34.5' LT	816.64	811.62	815.64	809.62	6.02	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
19E	1029+21.2	33.0' RT	---	813.39	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
19F	1029+50.0	34.5' RT	816.87	812.07	815.87	810.07	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
19	1029+50.0	13.0' RT	817.31	809.91	816.07	809.66	6.41	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
20A	1027+65.2	49.8' LT	815.76	803.74	814.76	803.57	11.19	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	
20B	1027+64.9	34.5' LT	808.25	803.18	807.25	801.18	6.07	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
20C	1027+89.5	34.5' RT	809.49	804.95	808.49	802.95	5.54	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
20D	1027+64.5	34.5' RT	808.24	804.70	807.24	802.70	4.54	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
20	1027+64.5	13.0' RT	808.68	801.14	807.44	800.89	6.55	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
21A	1026+21.1	34.5' LT	802.73	797.93	801.73	795.93	5.79	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
21B	1026+09.3	5.5' LT	802.79	797.62	801.79	795.62	6.17	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
21C	1026+04.1	5.1' RT	802.34	797.50	801.34	795.50	5.84	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
21D	1026+04.1	34.5' RT	801.73	796.93	800.73	794.93	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
21	1026+04.1	13.0' RT	802.17	792.82	800.93	792.26	8.67	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	
22	1025+25.0	14.5' RT	801.15	792.03	799.91	791.82	8.09	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	
23A	1025+97.5	59.2' LT	801.35	796.70	800.35	796.51	3.84	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	
23B	1025+87.7	57.6' LT	801.57	796.50	800.57	794.50	6.07	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
23C	1025+29.6	60.5' LT	801.21	795.09	800.21	794.89	5.32	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	
23D	1025+19.5	54.2' LT	800.84	794.36	799.84	794.11	5.73	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
23E	1024+20.9	50.7' LT	802.18	797.43	801.18	797.25	3.93	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	
23F	1024+20.9	34.5' LT	802.18	797.11	801.18	795.11	6.07	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
23G	1024+97.7	34.5' LT	800.93	795.57	799.93	793.57	6.36	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
23H	1025+17.0	35.8' LT	800.79	795.99	799.79	793.99	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
23I	1025+07.7	34.5' LT	800.82	793.90	799.82	791.90	7.92	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
23	1025+13.8	14.7' RT	801.13	789.30	799.89	788.63	11.26	---	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	
24A	19+22.0	25.6' RT	799.28	794.63	798.04	792.63	5.40	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
24B	18+92.6	27.2' RT	799.06	794.32	798.06	794.13	3.92	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	
24C	18+86.4	13.5' RT	799.24	794.09	798.24	792.09	6.15	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	
24D	19+00.0	13.0' RT	799.14	793.93	798.14	791.93	6.21	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
24E	19+11.8	13.0' RT	799.22	793.43	798.22	791.43	6.79	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
24G	19+00.0	13.5' LT	799.14	793.30	798.14	791.30	6.83	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
24H	19+11.8	13.5' LT	799.22	792.65	798.22	790.65	7.57	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
24I	19+10.9	40.1' LT	794.61	791.17	793.61	790.98	2.63	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	
24	19+10.9	29.4' LT	796.73	784.61	795.23	784.61	10.62	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
30A	60+50.2	22.5' LT	825.06	820.54	824.06	818.54	5.52	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
30B	64+40.3	21.0' LT	825.06	820.44	824.06	818.44	5.62	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
30C	64+11.7	18.2' RT	---	820.20	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
30D	64+40.7	22.5' RT	824.68	819.68	823.68	817.68	5.99	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
30E	64+50.6	24.0' RT	824.75	819.34	823.75	817.34	6.41	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
30	1040+30.6	13.0' RT	825.13	818.99	823.89	818.74	5.15	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	
31A	1041+65.0	34.5' RT	823.82	819.36	822.82	817.36	5.46	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
31B	1041+25.0	34.5' RT	823.96	819.16	822.96	817.16	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
31	1041+25.0	13.0' RT	824.40	817.34	823.16	817.09	6.06	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
32A	1042+96.2	34.5' RT	822.73	817.93	821.73	815.93	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
32	1042+96.2	13.0' RT	823.17	815.72	821.94	815.47	6.47	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
33A	1042+77.4	35.2' LT	822.79	816.65	821.79	814.65	7.14	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
33	1042+96	33.1' LT	822.68	815.28	821.44	815.07	6.37	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
34	1042+95.5	56.6' LT	821.63	815.06	820.63	813.06	7.57	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
40A	1047+65.3	36.5' LT	820.30	817.12	819.30	815.12	4.17	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
40B	1048+25.0	1.7' RT	821.00	817.23	819.92	815.23	4.68	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
40C	1047+64.7	1.8' RT	821.04	816.68	819.96	814.68	5.28	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
SUBTOTALS								**0**	**1**	**3**	**9**	**1**	**1**	**19**	**2**	**5**	**1**	**2**	**0**	**2**	**6**	**1**	**36**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV	LOWEST PIPE INVERT ELEV	TOP OF STRUCTURE ELEV	BOTTOM OF STRUCTURE ELEV	STR DEPTH FEET	520.8000 CONCRETE COLLARS FOR PIPE EACH	611.0420 RECONSTRUCTING MANHOLES EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 4-FT DIAMETER EACH	611.1005 5-FT DIAMETER EACH	611.1006 6-FT DIAMETER EACH	611.1230 2X3-FT EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 5-FT DIAMETER EACH	611.2006 6-FT DIAMETER EACH	611.2008 8-FT DIAMETER EACH	SPV.0060.01 9-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 2 GRATE EACH	SPV.0090.09 TRENCH DRAIN 12-INCH LF	COMMENTS
40D	1047+64.7	8.2' RT	820.85	816.65	819.77	814.65	5.12	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
40E	1047+42.0	36.2' RT	820.14	816.91	819.14	814.91	4.23	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
40F	1047+29.7	38.8' RT	820.08	816.60	819.08	814.60	4.49	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
40	1047+30.0	14.6' RT	820.51	816.23	819.27	816.02	3.25	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
41A	1047+18.3	74.0' RT	820.23	816.33	818.99	814.33	4.66	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
41B	1046+59.7	37.3' RT	819.62	815.73	818.62	813.73	4.89	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
41C	1046+40.5	35.2 RT	819.62	816.48	818.62	814.48	4.14	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
41D	1046+50.5	35.3' RT	819.59	815.68	818.59	813.68	4.90	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
41	1046+50.0	13.8' RT	820.19	815.58	818.95	815.35	3.61	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
42A	104481.6	34.5' RT	820.48	816.62	819.48	814.62	4.86	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
42B	1044+71.6	34.5' RT	820.57	816.57	819.57	814.57	5.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
42	1044+71.6	13.0' RT	821.01	816.22	819.77	816.03	3.74	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
43A	1045+75.0	34.6' RT	819.91	816.06	818.91	814.06	4.85	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
43	1045+75.0	13.1' RT	820.35	815.20	819.11	814.97	4.14	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
44	1045+75.1	34.6' LT	819.82	814.96	818.82	812.96	5.86	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	
45	1046+52.0	35.3' LT	819.73	815.95	818.73	813.95	4.78	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	NO SUMP
46	1046+42.0	35.2' LT	819.72	815.40	818.72	815.40	3.32	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
47	1045+89.5	34.7' LT	819.77	814.89	818.77	812.89	5.88	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
50A	1052+21.7	36.5' LT	817.42	812.62	816.42	810.62	5.80	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
50B	1052+21.7	8.3' LT	817.50	812.09	816.41	810.09	6.33	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
50C	1052+21.7	1.8' LT	817.30	812.02	816.22	810.02	6.19	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	
50D	1052+21.7	36.5' RT	817.42	811.64	816.42	809.64	6.78	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
50E	1053+05.5	64.9' RT	---	810.76	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
60A	1054+82.3	36.5' LT	805.44	800.31	804.44	798.31	6.12	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
60B	1055+01.9	2.6' LT	804.44	799.34	803.44	797.34	6.10	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
60C	1055+07.6	7.5' RT	804.25	799.16	803.25	797.16	6.09	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
60D	1055+22.7	56.2' RT	803.72	799.20	802.72	799.01	3.71	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	
60E	1055+25.0	36.5' RT	803.30	798.23	802.30	798.23	4.07	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	NO SUMP
60	1055+25.0	26.5' RT	803.51	796.66	802.27	796.41	5.86	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
61A	1058+21.5	36.5' LT	791.62	787.76	790.62	785.76	4.86	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
61B	1058+21.5	7.5' LT	791.70	787.29	790.70	785.29	5.41	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
61C	1058+21.5	8.2' RT	792.18	787.18	791.18	785.18	6.00	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
61	1058+21.5	27.1' RT	791.83	786.28	790.59	786.03	4.56	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
62	1058+21.5	37.1' RT	791.62	786.21	790.62	784.21	6.41	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
63	1058+92.8	68.7' RT	---	785.62	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
70A	1060+47.7	37.5' LT	788.74	785.84	787.74	783.84	3.90	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70B	1060+67.6	37.5' LT	788.74	785.84	787.74	783.84	3.90	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70C	1060+57.7	37.5' LT	788.73	785.54	787.73	783.54	4.19	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70D	1060+47.7	8.5' LT	788.82	785.61	787.82	783.61	4.21	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70E	1060+57.7	8.5' LT	788.81	785.39	787.81	783.39	4.42	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70F	1060+47.7	1.5' LT	788.54	785.58	787.54	783.58	3.97	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70G	1060+57.7	1.5' LT	788.49	785.36	787.49	783.36	4.13	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70H	1060+47.7	37.5' RT	788.74	785.38	787.74	783.38	4.36	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
70I	1060+57.7	37.5' RT	788.73	785.16	787.73	783.16	4.57	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
71	1060+57.7	59.5' RT	0.00	785.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
80A	1062+03.8	80.1' LT	790.76	787.51	789.76	785.51	4.25	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
80B	1062+37.5	79.5' LT	791.05	786.76	789.81	786.51	3.30	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	
80C	1062+53.8	83.4' LT	790.83	787.30	789.83	785.30	4.53	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
80D	1062+55.1	73.5' LT	790.59	786.66	789.59	784.66	4.93	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	
80E	1062+99.7	58.3' LT	790.72	786.43	789.72	786.18	3.54	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	
80	1063+00.2	37.5' LT	791.78	786.32	790.78	784.32	6.46	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
81A	1062+60.1	3.4' LT	790.83	787.26	789.83	785.26	4.57	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
81B	1062+60.2	4.0' RT	790.84	786.97	789.84	784.97	4.87	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
81	1062+87.5	8.6' RT	791.55	786.08	790.55	784.08	6.47	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
82	1062+87.2	37.5' RT	791.46	785.94	790.46	783.94	6.52	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
SUBTOTALS								**0**	**0**	**2**	**19**	**1**	**1**	**20**	**5**	**2**	**0**	**0**	**0**	**0**	**1**	**1**	**0**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

3

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV	LOWEST PIPE INVERT ELEV	TOP OF STRUCTURE ELEV	BOTTOM OF STRUCTURE ELEV	STR DEPTH FEET	520.8000 CONCRETE COLLARS FOR PIPE EACH	611.0420 RECONSTRUCTING MANHOLES EACH	611.1003 CATCH BASINS 3-FT DIAMETER EACH	611.1004 CATCH BASINS 4-FT DIAMETER EACH	611.1005 CATCH BASINS 5-FT DIAMETER EACH	611.1006 CATCH BASINS 6-FT DIAMETER EACH	611.1230 CATCH BASINS 2X3-FT EACH	611.2004 MANHOLES 4-FT DIAMETER EACH	611.2005 MANHOLES 5-FT DIAMETER EACH	611.2006 MANHOLES 6-FT DIAMETER EACH	611.2008 MANHOLES 8-FT DIAMETER EACH	SPV.0060.01 MANHOLES 9-FT DIAMETER EACH	611.3220 INLETS 2X2-FT EACH	611.3901 INLETS MEDIAN 1 GRATE EACH	611.3902 INLETS MEDIAN 2 GRATE EACH	SPV.0090.09 TRENCH DRAIN 12-INCH LF	COMMENTS
83	1062+87.6	65.5' RT	0.00	785.80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
90A	1065+12.5	61.7' LT	796.57	792.85	795.57	792.66	2.91	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	
90C	1065+11.5	37.5' LT	798.42	792.12	797.42	790.12	7.30	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
90D	1065+21.5	8.5' LT	798.98	791.50	797.98	789.50	8.48	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
90E	1065+21.5	8.5' RT	798.83	791.16	797.83	789.16	8.67	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
90F	1065+11.5	37.5' RT	798.41	790.55	797.41	788.55	8.86	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	
90G	1065+11.6	66.5' RT	---	789.97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
100	1009+00.3	88.8' RT	---	814.75	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
101	1009+16.1	90.9' RT	819.00	807.87	817.76	807.66	10.10	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
102	1009+49.6	104.1' RT	---	0.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
110	45+99.0	7.9' LT	---	825.23	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
111	45+97.2	1.5' LT	829.46	825.08	828.46	823.08	5.38	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	
112	45+94.9	6.9' RT	829.68	824.88	828.44	824.21	4.22	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
PROJECT TOTALS								**2**	**1**	**15**	**55**	**4**	**3**	**86**	**14**	**12**	**1**	**4**	**1**	**2**	**12**	**2**	**95**	

1. RIM ELEVATIONS ARE GIVEN AT THE FLOW LINE FOR INLET GRATES, AND AT THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES.
2. STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES.
3. STRUCTURE DEPTH:
   MANHOLES: RIM ELEV - INVERT ELEV - CASTING HEIGHT - ADJUSTMENT
   CATCH BASINS: RIM ELEV - INVERT ELEV - CASTING HEIGHT - ADJUSTMENT + 24 INCHES
4. ADJUSTMENT IS 6 INCHES UNLESS OTHERWISE NOTED
5. PROVIDE A RECTANGULAR OPENING IN FLAT TOP SLAB WHEN ROUND CATCH BASINS ARE USED.

*** ADDITIONAL QUANTITIES FOUND ELSEWHERE - CROSSOVER STORM SEWER

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER MANHOLE AND INLET COVERS

STRUCTURE NUMBER	611.0530 MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS TYPE A EACH	611.0612 TYPE C EACH	611.0624 TYPE H EACH	611.0627 TYPE HM EACH	611.0642 TYPE MS EACH	611.0651 TYPE S EACH	611.0666 TYPE Z EACH	COMMENTS
1A	---	---	---	1	---	---	---	---	
1B	---	---	---	1	---	---	---	---	
1C	---	---	---	---	---	---	---	---	
2A	---	---	---	1	---	---	---	---	
2B	---	---	---	1	---	---	---	---	
2C	---	---	---	1	---	---	---	---	
2D	---	---	---	1	---	---	---	---	
2E	---	---	---	---	---	---	---	---	
3A	---	---	---	1	---	---	---	---	
3B	---	---	---	1	---	---	---	---	
3C	---	---	---	1	---	---	---	---	
3D	---	---	---	1	---	---	---	---	
3E	---	---	---	---	---	---	---	---	
3F	1	---	---	---	---	---	---	---	
3G	---	---	---	---	---	1	---	---	
3H	1	---	---	---	---	---	---	---	
4A	---	---	---	1	---	---	---	---	
4B	---	---	---	1	---	---	---	---	
4C	---	---	---	---	---	---	---	1	
4D	---	---	---	1	---	---	---	---	
4E	---	---	---	1	---	---	---	---	
4R	---	---	---	1	---	---	---	---	
4F	---	---	---	1	---	---	---	---	
4G	---	---	---	1	---	---	---	---	
4S	---	---	---	1	---	---	---	---	
4H	---	---	---	1	---	---	---	---	
4I	---	---	---	1	---	---	---	---	
4J	---	---	---	1	---	---	---	---	
4K	---	---	---	1	---	---	---	---	
4L	---	---	---	1	---	---	---	---	
4M	---	---	---	1	---	---	---	---	
4N	---	---	---	1	---	---	---	---	
4O	---	1	---	1	---	---	---	---	
4P	---	---	---	1	---	---	---	---	
4Q	---	---	---	---	---	---	---	---	
5A	---	---	---	---	---	---	1	---	
5M	---	---	---	---	1	---	---	---	
5B	---	---	---	1	---	---	---	---	
5C	---	---	---	1	---	---	---	---	
5D	---	---	---	1	---	---	---	---	
5E	---	---	---	1	---	---	---	---	
5F	---	---	---	1	---	---	---	---	
5G	---	---	---	1	---	---	---	---	
5L	---	---	---	1	---	---	---	---	
5H	---	---	---	1	---	---	---	---	
5I	---	---	---	1	---	---	---	---	
5J	1	---	---	---	---	---	---	---	
5K	---	---	---	---	---	---	---	---	
6A	---	---	---	1	---	---	---	---	
6B	---	---	---	1	---	---	---	---	
6C	---	---	---	1	---	---	---	---	
6D	---	---	---	1	---	---	---	---	
6E	---	---	---	1	---	---	---	---	
6F	---	---	---	---	---	---	---	---	
7A	---	---	---	1	---	---	---	---	
SUBTOTALS	**3**	**1**	**0**	**42**	**1**	**1**	**1**	**1**	

STORM SEWER ENDWALLS

STRUCTURE NUMBER	520.1018 AEW FOR CULV PIPE 18" EACH	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12" EACH	522.1018 18" EACH	522.1024 24" EACH	522.2314 HE 14X23-INCH EACH	633.5200 MARKERS CULVERT END EACH	COMMENTS
1A	---	---	---	---	---	---	
1B	---	---	---	---	---	---	
1C	---	1	---	---	---	1	
2A	---	---	---	---	---	---	
2B	---	---	---	---	---	---	
2C	---	---	---	---	---	---	
2D	---	---	---	---	---	---	
2E	---	1	---	---	---	1	
3A	---	---	---	---	---	---	
3B	---	---	---	---	---	---	
3C	---	---	---	---	---	---	
3D	---	---	---	---	---	---	
3E	---	---	---	---	---	---	
3F	---	---	---	---	---	---	
3G	---	---	---	---	---	---	
3H	---	---	---	---	---	---	
4A	---	---	---	---	---	---	
4B	---	---	---	---	---	---	
4C	---	---	---	---	---	---	
4D	---	---	---	---	---	---	
4E	---	---	---	---	---	---	
4R	---	---	---	---	---	---	
4F	---	---	---	---	---	---	
4G	---	---	---	---	---	---	
4S	---	---	---	---	---	---	
4H	---	---	---	---	---	---	
4I	---	---	---	---	---	---	
4J	---	---	---	---	---	---	
4K	---	---	---	---	---	---	
4L	---	---	---	---	---	---	
4M	---	---	---	---	---	---	
4N	---	---	---	---	---	---	
4O	---	---	---	---	---	---	
4P	---	---	---	---	---	---	
4Q	---	---	---	1	---	1	
5A	---	---	---	---	---	---	
5M	---	---	---	---	---	---	
5B	---	---	---	---	---	---	
5C	---	---	---	---	---	---	
5D	---	---	---	---	---	---	
5E	---	---	---	---	---	---	
5F	---	---	---	---	---	---	
5G	---	---	---	---	---	---	
5L	---	---	---	---	---	---	
5H	---	---	---	---	---	---	
5I	---	---	---	---	---	---	
5J	---	---	---	---	---	---	
5K	1	---	---	---	---	1	
6A	---	---	---	---	---	---	
6B	---	---	---	---	---	---	
6C	---	---	---	---	---	---	
6D	---	---	---	---	---	---	
6E	---	---	---	---	---	---	
6F	---	1	---	---	---	1	
7A	---	---	---	---	---	---	
SUBTOTALS	**1**	**3**	**0**	**1**	**0**	**5**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER MANHOLE AND INLET COVERS

STRUCTUR NUMBER	611.0530 MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS TYPE A EACH	611.0612 TYPE C EACH	611.0624 TYPE H EACH	611.0627 TYPE HM EACH	611.0642 TYPE MS EACH	611.0651 TYPE S EACH	611.0666 TYPE Z EACH	COMMENTS
7B	---	---	---	1	---	---	---	---	
7C	---	---	---	1	---	---	---	---	
7D	---	---	---	---	---	---	---	---	
8A	---	---	---	1	---	---	---	---	
8B	---	---	---	1	---	---	---	---	
8C	---	---	---	1	---	---	---	---	
8D	---	---	---	1	---	---	---	---	
8E	---	---	---	1	---	---	---	---	
8F	---	---	---	1	---	---	---	---	
8G	---	---	---	1	---	---	---	---	
8H	---	---	---	1	---	---	---	---	
8I	---	---	---	1	---	---	---	---	
8J	---	---	---	---	---	---	---	---	
9A	---	---	---	---	---	1	---	---	
9B	---	---	---	---	---	1	---	---	
9	1	---	---	---	---	---	---	---	
10A	---	---	---	1	---	---	---	---	
10B	---	---	---	1	---	---	---	---	
10C	---	---	---	---	---	---	1	---	
10	1	---	---	---	---	---	---	---	
10D	---	---	---	1	---	---	---	---	
10E	---	---	---	---	---	---	---	---	
11A	---	---	---	1	---	---	---	---	
11B	---	---	---	1	---	---	---	---	
11	1	---	---	---	---	---	---	---	
12A	---	---	---	1	---	---	---	---	
12B	---	---	---	1	---	---	---	---	
12	1	---	---	---	---	---	---	---	
13	1	---	---	---	---	---	---	---	
14A	---	---	---	1	---	---	---	---	
14	1	---	---	---	---	---	---	---	
15A	---	---	---	1	---	---	---	---	
15B	---	---	---	---	---	---	---	1	
15C	---	---	---	---	---	---	---	1	
15D	---	---	---	---	---	---	---	1	
15E	---	---	---	1	---	---	---	---	
15F	---	---	---	1	---	---	---	---	
15G	---	---	---	1	---	---	---	---	
15H	1	---	---	---	---	---	---	---	
15	1	---	---	---	---	---	---	---	
16A	---	---	---	---	---	---	1	---	
16B	---	---	---	1	---	---	---	---	
16C	---	---	---	---	---	---	---	1	
16D	---	---	---	---	---	---	---	1	
16E	---	---	---	1	---	---	---	---	
16F	---	---	---	1	---	---	---	---	
16	1	---	---	---	---	---	---	---	
17A	---	---	---	---	---	---	---	1	
17B	---	---	---	---	---	---	---	1	
17	1	---	---	---	---	---	---	---	
18A	---	---	---	---	---	---	---	---	
18B	---	---	---	---	---	1	---	---	
18C	---	---	---	---	---	---	---	---	
18D	---	---	---	1	---	---	---	---	
18E	---	---	---	1	---	---	---	---	
SUBTOTALS	**10**	**0**	**0**	**28**	**0**	**3**	**2**	**7**	

STORM SEWER ENDWALLS

STRUCTURE NUMBER	520.1018 AEW FOR CULV PIPE 18" EACH	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12" EACH	522.1018 18" EACH	522.1024 24" EACH	522.2314 HE 14X23-INCH EACH	633.5200 MARKERS CULVERT END EACH	COMMENTS
7B	---	---	---	---	---	---	
7C	---	---	---	---	---	---	
7D	---	1	---	---	---	1	
8A	---	---	---	---	---	---	
8B	---	---	---	---	---	---	
8C	---	---	---	---	---	---	
8D	---	---	---	---	---	---	
8E	---	---	---	---	---	---	
8F	---	---	---	---	---	---	
8G	---	---	---	---	---	---	
8H	---	---	---	---	---	---	
8I	---	---	---	---	---	---	
8J	1	---	---	---	---	1	
9A	---	---	---	---	---	---	
9B	---	---	---	---	---	---	
9	---	---	---	---	---	---	
10A	---	---	---	---	---	---	
10B	---	---	---	---	---	---	
10C	---	---	---	---	---	---	
10	---	---	---	---	---	---	
10D	---	---	---	---	---	---	
10E	---	---	1	---	---	1	
11A	---	---	---	---	---	---	
11B	---	---	---	---	---	---	
11	---	---	---	---	---	---	
12A	---	---	---	---	---	---	
12B	---	---	---	---	---	---	
12	---	---	---	---	---	---	
13	---	---	---	---	---	---	
14A	---	---	---	---	---	---	
14	---	---	---	---	---	---	
15A	---	---	---	---	---	---	
15B	---	---	---	---	---	---	
15C	---	---	---	---	---	---	
15D	---	---	---	---	---	---	
15E	---	---	---	---	---	---	
15F	---	---	---	---	---	---	
15G	---	---	---	---	---	---	
15H	---	---	---	---	---	---	
15	---	---	---	---	---	---	
16A	---	---	---	---	---	---	
16B	---	---	---	---	---	---	
16C	---	---	---	---	---	---	
16D	---	---	---	---	---	---	
16E	---	---	---	---	---	---	
16F	---	---	---	---	---	---	
16	---	---	---	---	---	---	
17A	---	---	---	---	---	---	
17B	---	---	---	---	---	---	
17	---	---	---	---	---	---	
18A	---	---	---	---	---	---	
18B	---	---	---	---	---	---	
18C	---	---	---	---	---	---	
18D	---	---	---	---	---	---	
18E	---	---	---	---	---	---	
SUBTOTALS	**1**	**1**	**1**	**0**	**0**	**3**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER MANHOLE AND INLET COVERS

STRUCTURE NUMBER	611.0530 MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS TYPE A EACH	611.0612 TYPE C EACH	611.0624 TYPE H EACH	611.0627 TYPE HM EACH	611.0642 TYPE MS EACH	611.0651 TYPE S EACH	611.0666 TYPE Z EACH	COMMENTS
18	1	---	---	---	---	---	---	---	
19A	---	---	---	---	---	---	1	---	
19B	---	---	---	---	---	1	---	---	
19C	---	---	---	---	---	---	---	---	
19D	---	---	---	1	---	---	---	---	
19E	---	---	---	---	---	---	---	---	
19F	---	---	---	1	---	---	---	---	
19	1	---	---	---	---	---	---	---	
20A	---	---	---	---	---	---	1	---	
20B	---	---	---	1	---	---	---	---	
20C	---	---	---	1	---	---	---	---	
20D	---	---	---	1	---	---	---	---	
20	1	---	---	---	---	---	---	---	
21A	---	---	---	1	---	---	---	---	
21B	---	---	---	1	---	---	---	---	
21C	---	---	---	1	---	---	---	---	
21D	---	---	---	1	---	---	---	---	
21	1	---	---	---	---	---	---	---	
22	1	---	---	---	---	---	---	---	
23A	---	---	---	---	---	1	---	---	
23B	---	---	---	1	---	---	---	---	
23C	---	---	---	---	---	1	---	---	
23D	---	---	---	---	---	2	---	---	
23E	---	---	---	---	---	1	---	---	
23F	---	---	---	1	---	---	---	---	
23G	---	---	---	1	---	---	---	---	
23H	---	---	---	1	---	---	---	---	
23I	---	---	---	1	---	---	---	---	
23	1	---	---	---	---	---	---	---	
24A	---	---	1	---	---	---	---	---	
24B	---	---	---	---	---	1	---	---	
24C	---	---	---	1	---	---	---	---	
24D	---	---	---	---	---	---	1	---	
24E	---	---	---	---	---	---	1	---	
24G	---	---	---	1	---	---	---	---	
24H	---	---	---	1	---	---	---	---	
24I	---	---	---	---	---	1	---	---	
24	---	---	---	---	---	---	---	---	
30A	---	---	---	1	---	---	---	---	
30B	---	---	---	1	---	---	---	---	
30C	---	---	---	1	---	---	---	---	
30D	---	---	---	1	---	---	---	---	
30E	---	---	---	1	---	---	---	---	
30	1	---	---	---	---	---	---	---	
31A	---	---	---	1	---	---	---	---	
31B	---	---	---	1	---	---	---	---	
31	1	---	---	---	---	---	---	---	
32A	---	---	---	1	---	---	---	---	
32	1	---	---	---	---	---	---	---	
33A	---	---	---	1	---	---	---	---	
33	1	---	---	---	---	---	---	---	
34	---	---	---	1	---	---	---	---	
40A	---	---	---	1	---	---	---	---	
40B	---	---	---	---	---	---	---	1	
40C	---	---	---	---	---	---	---	1	
SUBTOTALS	**10**	**0**	**1**	**28**	**0**	**8**	**4**	**2**	

STORM SEWER ENDWALLS

STRUCTURE NUMBER	520.1018 AEW FOR CULV PIPE 18" EACH	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12" EACH	522.1018 18" EACH	522.1024 24" EACH	522.2314 HE 14X23-INCH EACH	633.5200 MARKERS CULVERT END EACH	COMMENTS
18	---	---	---	---	---	---	
19A	---	---	---	---	---	---	
19B	---	---	---	---	---	---	
19C	---	---	---	---	---	---	
19D	---	---	---	---	---	---	
19E	---	---	---	---	---	---	
19F	---	---	---	---	---	---	
19	---	---	---	---	---	---	
20A	---	---	---	---	---	---	
20B	---	---	---	---	---	---	
20C	---	---	---	---	---	---	
20D	---	---	---	---	---	---	
20	---	---	---	---	---	---	
21A	---	---	---	---	---	---	
21B	---	---	---	---	---	---	
21C	---	---	---	---	---	---	
21D	---	---	---	---	---	---	
21	---	---	---	---	---	---	
22	---	---	---	---	---	---	
23A	---	---	---	---	---	---	
23B	---	---	---	---	---	---	
23C	---	---	---	---	---	---	
23D	---	---	---	---	---	---	
23E	---	---	---	---	---	---	
23F	---	---	---	---	---	---	
23G	---	---	---	---	---	---	
23H	---	---	---	---	---	---	
23I	---	---	---	---	---	---	
23	---	---	---	---	---	---	
24A	---	---	---	---	---	---	
24B	---	---	---	---	---	---	
24C	---	---	---	---	---	---	
24D	---	---	---	---	---	---	
24E	---	---	---	---	---	---	
24G	---	---	---	---	---	---	
24H	---	---	---	---	---	---	
24I	---	---	---	---	---	---	
24	---	---	---	---	---	---	
30A	---	---	---	---	---	---	
30B	---	---	---	---	---	---	
30C	---	---	---	---	---	---	
30D	---	---	---	---	---	---	
30E	---	---	---	---	---	---	
30	---	---	---	---	---	---	
31A	---	---	---	---	---	---	
31B	---	---	---	---	---	---	
31	---	---	---	---	---	---	
32A	---	---	---	---	---	---	
32	---	---	---	---	---	---	
33A	---	---	---	---	---	---	
33	---	---	---	---	---	---	
34	---	---	---	---	---	---	
40A	---	---	---	---	---	---	
40B	---	---	---	---	---	---	
40C	---	---	---	---	---	---	
SUBTOTALS	**0**	**0**	**0**	**0**	**0**	**0**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER MANHOLE AND INLET COVERS

STRUCTUR NUMBER	611.0530 MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS TYPE A EACH	611.0612 TYPE C EACH	611.0624 TYPE H EACH	611.0627 TYPE HM EACH	611.0642 TYPE MS EACH	611.0651 TYPE S EACH	611.0666 TYPE Z EACH	COMMENTS
40D	---	---	---	---	---	---	---	1	
40E	---	---	---	1	---	---	---	---	
40F	---	---	---	1	---	---	---	---	
40	1	---	---	---	---	---	---	---	
41A	---	---	1	---	---	---	---	---	
41B	---	---	---	1	---	---	---	---	
41C	---	---	---	1	---	---	---	---	
41D	---	---	---	1	---	---	---	---	
41	1	---	---	---	---	---	---	---	
42A	---	---	---	1	---	---	---	---	
42B	---	---	---	1	---	---	---	---	
42	1	---	---	---	---	---	---	---	
43A	---	---	---	1	---	---	---	---	
43	1	---	---	---	---	---	---	---	
44	---	---	---	1	---	---	---	---	
45	---	---	---	1	---	---	---	---	
46	---	---	---	1	---	---	---	---	NO SUMP
47	---	---	---	1	---	---	---	---	
50A	---	---	---	1	---	---	---	---	
50B	---	---	---	---	---	---	---	1	
50C	---	---	---	---	---	---	---	1	
50D	---	---	---	1	---	---	---	---	
50E	---	---	---	---	---	---	---	---	
60A	---	---	---	1	---	---	---	---	
60B	---	---	---	1	---	---	---	---	
60C	---	---	---	1	---	---	---	---	
60D	---	---	---	---	---	1	---	---	
60E	---	---	---	1	---	---	---	---	NO SUMP
60	1	---	---	---	---	---	---	---	
61A	---	---	---	1	---	---	---	---	
61B	---	---	---	1	---	---	---	---	
61C	---	---	---	1	---	---	---	---	
61	1	---	---	---	---	---	---	---	
62	---	---	---	1	---	---	---	---	
63	---	---	---	---	---	---	---	---	
70A	---	---	---	1	---	---	---	---	
70B	---	---	---	1	---	---	---	---	
70C	---	---	---	1	---	---	---	---	
70D	---	---	---	1	---	---	---	---	
70E	---	---	---	1	---	---	---	---	
70F	---	---	---	1	---	---	---	---	
70G	---	---	---	1	---	---	---	---	
70H	---	---	---	1	---	---	---	---	
70I	---	---	---	1	---	---	---	---	
71	---	---	---	---	---	---	---	---	
80A	---	---	---	1	---	---	---	---	
80B	1	---	---	---	---	---	---	---	
80C	---	---	---	1	---	---	---	---	
80D	---	---	---	1	---	---	---	---	
80E	---	---	---	---	---	2	---	---	
80	---	---	---	1	---	---	---	---	
81A	---	---	---	1	---	---	---	---	
81B	---	---	---	1	---	---	---	---	
81	---	---	---	1	---	---	---	---	
82	---	---	---	1	---	---	---	---	
SUBTOTALS	**7**	**0**	**1**	**39**	**0**	**3**	**0**	**3**	

STORM SEWER ENDWALLS

STRUCTURE NUMBER	520.1018 AEW FOR CULV PIPE 18" EACH	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12" EACH	522.1018 18" EACH	522.1024 24" EACH	522.2314 HE 14X23-INCH EACH	633.5200 MARKERS CULVERT END EACH	COMMENTS
40D	---	---	---	---	---	---	
40E	---	---	---	---	---	---	
40F	---	---	---	---	---	---	
40	---	---	---	---	---	---	
41A	---	---	---	---	---	---	
41B	---	---	---	---	---	---	
41C	---	---	---	---	---	---	
41D	---	---	---	---	---	---	
41	---	---	---	---	---	---	
42A	---	---	---	---	---	---	
42B	---	---	---	---	---	---	
42	---	---	---	---	---	---	
43A	---	---	---	---	---	---	
43	---	---	---	---	---	---	
44	---	---	---	---	---	---	
45	---	---	---	---	---	---	
46	---	---	---	---	---	---	
47	---	---	---	---	---	---	
50A	---	---	---	---	---	---	
50B	---	---	---	---	---	---	
50C	---	---	---	---	---	---	
50D	---	---	---	---	---	---	
50E	1	---	---	---	---	1	
60A	---	---	---	---	---	---	
60B	---	---	---	---	---	---	
60C	---	---	---	---	---	---	
60D	---	---	---	---	---	---	
60E	---	---	---	---	---	---	
60	---	---	---	---	---	---	
61A	---	---	---	---	---	---	
61B	---	---	---	---	---	---	
61C	---	---	---	---	---	---	
61	---	---	---	---	---	---	
62	---	---	---	---	---	---	
63	---	---	---	1	---	1	
70A	---	---	---	---	---	---	
70B	---	---	---	---	---	---	
70C	---	---	---	---	---	---	
70D	---	---	---	---	---	---	
70E	---	---	---	---	---	---	
70F	---	---	---	---	---	---	
70G	---	---	---	---	---	---	
70H	---	---	---	---	---	---	
70I	---	---	---	---	---	---	
71	---	---	---	---	1	1	
80A	---	---	---	---	---	---	
80B	---	---	---	---	---	---	
80C	---	---	---	---	---	---	
80D	---	---	---	---	---	---	
80E	---	---	---	---	---	---	
80	---	---	---	---	---	---	
81A	---	---	---	---	---	---	
81B	---	---	---	---	---	---	
81	---	---	---	---	---	---	
82	---	---	---	---	---	---	
SUBTOTALS	**1**	**0**	**0**	**1**	**1**	**3**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

3

STORM SEWER MANHOLE AND INLET COVERS

STRUCTUR NUMBER	611.0530 MANHOLE COVERS TYPE J EACH	611.0600 INLET COVERS TYPE A EACH	611.0612 TYPE C EACH	611.0624 TYPE H EACH	611.0627 TYPE HM EACH	611.0642 TYPE MS EACH	611.0651 TYPE S EACH	611.0666 TYPE Z EACH	COMMENTS
83	---	---	---	---	---	---	---	---	
90A	---	---	---	---	---	1	---	---	
90C	---	---	---	1	---	---	---	---	
90D	---	---	---	1	---	---	---	---	
90E	---	---	---	1	---	---	---	---	
90F	---	---	---	1	---	---	---	---	
90G	---	---	---	---	---	---	---	---	
100	---	---	---	---	---	---	---	---	
101	1	---	---	---	---	---	---	---	
102	---	---	---	---	---	---	---	---	
110	---	---	---	---	---	---	---	---	
111	---	---	---	1	---	---	---	---	
112	1	---	---	---	---	---	---	---	
PROJECT TOTALS	**32**	**1**	**2**	**142**	**1**	**16**	**7**	**13**	

STORM SEWER ENDWALLS

STRUCTURE NUMBER	520.1018 AEW FOR CULV PIPE 18" EACH	522.1012 APRON ENDWALLS FOR CULVERT PIPE REINFORCED CONCRETE 12" EACH	522.1018 18" EACH	522.1024 24" EACH	522.2314 HE 14X23-INCH EACH	633.5200 MARKERS CULVERT END EACH	COMMENTS
83	---	---	---	1	---	1	
90A	---	---	---	---	---	---	
90C	---	---	---	---	---	---	
90D	---	---	---	---	---	---	
90E	---	---	---	---	---	---	
90F	---	---	---	---	---	---	
90G	1	---	---	---	---	1	
100	1	---	---	---	---	1	
101	---	---	---	---	---	---	
102	1	---	---	---	---	1	
110	---	---	---	---	---	---	
111	---	---	---	---	---	---	
112	---	---	---	---	---	---	
PROJECT TOTALS	**6**	**4**	**1**	**3**	**1**	**15**	

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER PIPES

PIPE NUMBER	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (%)	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 15-INCH LF	608.0318 18-INCH LF	608.0324 24-INCH LF	608.0360 60-INCH LF	608.0412 CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0421 21-INCH LF	608.0424 24-INCH LF	608.2414 HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608..2419 19x30-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 15-INCH LF	608.3018 18-INCH LF	608.3024 24-INCH LF	612.0206 PIPE UNDERDRAIN UNPERFORATED 6-INCH LF	612.0208 8-INCH LF
P1A	1A	1B	821.67	821.52	0.50%	---	---	---	---	---	29.0	---	---	---	---	---	---	---	---	---	---	---	---
P1B	1B	1C	821.52	821.38	0.50%	---	---	---	---	---	28.0	---	---	---	---	---	---	---	---	---	---	---	---
P1C	1C	ENDWALL	821.38	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P2A	2A	2B	824.51	824.18	0.50%	---	---	---	---	---	67.1	---	---	---	---	---	---	---	---	---	---	---	---
P2B	2B	2C	824.18	824.09	0.50%	---	---	---	---	---	17.0	---	---	---	---	---	---	---	---	---	---	---	---
P2C	2C	2D	824.09	823.95	0.50%	---	---	---	---	---	29.0	---	---	---	---	---	---	---	---	---	---	---	---
P2D	2D	2E	823.95	823.81	0.50%	---	---	---	---	---	28.0	---	---	---	---	---	---	---	---	---	---	---	---
P2E	2E	ENDWALL	823.81	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P3A	3A	3B	826.59	826.52	1.00%	---	---	---	---	---	6.8	---	---	---	---	---	---	---	---	---	---	---	---
P3B	3B	3D	826.52	826.10	1.00%	---	---	---	---	---	41.5	---	---	---	---	---	---	---	---	---	---	---	---
P3C	3C	3D	827.78	826.10	1.00%	---	---	---	---	---	167.5	---	---	---	---	---	---	---	---	---	---	---	---
P3D	3D	3F	825.85	825.60	1.00%	---	---	---	---	---	---	25.3	---	---	---	---	---	---	---	---	---	---	---
P3E	3E	3F	828.20	826.00	7.06%	---	---	---	---	---	---	---	---	31.2	---	---	---	---	---	---	---	---	---
P3F	3F	3H	824.85	824.55	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29.9	---	---
P3G	3G	3H	824.91	824.83	0.66%	---	---	---	---	---	---	12.0	---	---	---	---	---	---	---	---	---	---	---
P3H	3H	EXIST SS	824.55	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4A	4A	4B	824.34	824.27	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	7.0	---	---	---	---	---
P4B	4B	4E	824.27	823.79	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	48.1	---	---	---	---	---
P4C	4C	4D	824.58	824.30	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	14.1	---	---	---	---	---
P4D	4D	4E	823.80	823.29	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	25.5	---	---	---
P4E	4E	4O	823.29	821.80	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	149.7	---	---	---
P4R	4R	4F	822.21	822.16	0.50%	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---
P4F	4F	4G	822.16	822.11	0.50%	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---
P4G	4G	4I	822.11	821.84	0.50%	---	---	---	---	---	---	54.0	---	---	---	---	---	---	---	---	---	---	---
P4S	4S	4H	822.59	822.42	0.50%	34.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4H	4H	4I	822.42	822.34	0.50%	15.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4I	4I	4J	821.84	821.69	0.50%	---	---	29.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4J	4J	4N	821.69	821.64	0.50%	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4K	4K	4M	823.19	823.09	1.00%	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4L	4L	4M	823.41	822.84	1.00%	---	57.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4M	4M	4N	822.84	822.30	2.00%	---	27.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4N	4N	4O	821.64	821.30	0.50%	---	---	---	69.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4O	4O	4P	822.26	822.06	1.00%	20.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P4P	4P	4P	821.30	820.89	0.50%	---	---	---	---	---	---	---	---	---	82.0	---	---	---	---	---	---	---	---
P4Q	4Q	ENDWALL	820.89	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5A	5A	5L	824.56	824.15	1.65%	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5M	5M	5C	824.15	823.89	1.70%	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5B	5B	5C	823.99	823.89	1.00%	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5C	5C	5G	823.89	823.31	0.92%	63.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5D	5D	5E	823.65	823.60	0.50%	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5E	5E	5F	823.35	823.19	0.50%	---	31.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5F	5F	5G	823.19	823.14	0.50%	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5G	5G	5H	823.14	823.01	0.50%	---	---	---	---	---	---	---	---	---	---	27.0	---	---	---	---	---	---	---
P5L	5L	5H	823.35	823.18	0.50%	35.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P5H	5H	5I	823.01	822.91	0.50%	---	---	---	---	---	---	---	---	---	---	20.1	---	---	---	---	---	---	---
P5I	5I	5J	822.91	822.78	0.50%	---	---	---	---	---	---	---	---	---	---	25.5	---	---	---	---	---	---	---
P5J	5J	5K	822.78	822.50	0.50%	---	---	---	---	---	---	---	---	---	---	56.0	---	---	---	---	---	---	---
P5K	5K	ENDWALL	822.50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P6A	6A	6C	820.25	819.86	1.00%	---	---	---	---	---	39.0	---	---	---	---	---	---	---	---	---	---	---	---
P6B	6B	6C	820.22	819.86	0.50%	---	---	---	---	---	71.0	---	---	---	---	---	---	---	---	---	---	---	---
P6C	6C	6D	819.86	819.79	1.00%	---	---	---	---	---	7.0	---	---	---	---	---	---	---	---	---	---	---	---
P6D	6D	6E	819.79	819.50	1.00%	29.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P6E	6E	6F	819.50	819.22	1.00%	28.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P6F	6F	ENDWALL	819.22	---	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P7A	7A	7C	817.16	817.06	1.00%	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUBTOTALS						**305**	**125**	**40**	**69**	**0**	**551**	**91**	**0**	**31**	**82**	**129**	**0**	**69**	**0**	**175**	**30**	**0**	**0**

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER PIPES

PIPE NUMBER	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (%)	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 15-INCH LF	608.0318 18-INCH LF	608.0324 24-INCH LF	608.0360 60-INCH LF	608.0412 CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0421 21-INCH LF	608.0424 24-INCH LF	608.2414 HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608..2419 19x30-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 15-INCH LF	608.3018 18-INCH LF	608.3024 24-INCH LF	612.0206 PIPE UNDERDRAIN UNPERFORATED 6-INCH LF	612.0208 8-INCH LF
P7B	7B	7C	817.56	817.06	1.00%	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P7C	7C	7D	817.06	816.70	1.00%	36.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P7D	7D	ENDWALL	816.70	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P8A	8A	8B	817.07	816.97	1.00%	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P8B	8B	8C	816.72	816.25	1.00%	---	47.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P8C	8C	8F	816.25	815.98	1.00%	---	26.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P8D	8D	8E	817.22	816.82	0.60%	67.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P8E	8E	8F	816.82	816.72	1.00%	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P8F	8F	8G	815.73	815.33	1.00%	---	---	40.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P8G	8G	8H	816.03	815.83	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---
P8H	8H	8I	815.33	815.23	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	10.0	---	---	---
P8I	8I	8J	812.32	811.91	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.0	---	---	---
P8J	8J	ENDWALL	811.91	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P9A	9A	9B	820.30	820.12	0.30%	---	---	---	---	---	---	59.5	---	---	---	---	---	---	---	---	---	---	---
P9B	9B	9	820.12	819.85	0.30%	---	---	---	---	---	---	89.8	---	---	---	---	---	---	---	---	---	---	---
P9	9	10	819.85	818.78	0.30%	---	---	---	---	---	---	---	358.3	---	---	---	---	---	---	---	---	---	---
P10A	10A	10B	818.79	818.69	0.75%	13.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P10B	10B	10C	818.69	818.36	0.75%	43.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P10C	10C	10	818.11	817.78	0.75%	---	44.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P10	10	10D	817.53	817.41	0.75%	---	---	16.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P10D	10D	10E	817.41	817.07	0.75%	---	---	45.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P10E	10E	ENDWALL	817.07	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P11A	11A	11	814.89	813.94	2.00%	47.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P11B	11B	11	814.64	814.21	2.00%	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P11	11	12	813.44	800.31	4.77%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	275.3	---	---	---
P12A	12A	12	802.06	801.11	2.00%	47.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P12B	12B	12	801.64	801.21	2.00%	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P12	12	13	799.81	797.31	2.50%	---	---	---	---	---	---	---	---	---	100.1	---	---	---	---	---	---	---	---
P13	13	14	792.49	791.61	1.00%	---	---	---	---	87.5	---	---	---	---	---	---	---	---	---	---	---	---	---
P14A	14A	14	796.01	795.61	2.00%	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P14	14	23	791.61	791.35	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26.3	---	---	---
P15A	15A	15C	819.45	818.89	1.43%	39.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P15B	15B	15C	819.04	818.89	1.00%	15.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P15C	15C	15D	818.89	818.80	1.30%	6.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P15D	15D	15	818.80	818.61	1.30%	---	---	---	---	---	---	---	---	---	---	---	---	14.9	---	---	---	---	---
P15E	15E	15F	819.83	819.58	1.00%	25.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P15F	15F	15H	819.58	819.24	2.00%	17.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P15G	15G	15H	819.24	819.01	2.00%	11.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P15H	15H	15	818.76	818.36	2.00%	---	20.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P15	15	16	817.64	816.40	0.60%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P16A	16A	16B	817.62	817.39	2.00%	11.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P16B	16B	16C	817.39	816.69	2.00%	35.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P16C	16C	16D	817.69	816.69	2.00%	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P16D	16D	16	816.69	816.36	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	16.5	---	---	---	---	---
P16E	16E	16F	817.76	817.41	0.70%	50.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P16F	16F	16	817.41	816.98	2.00%	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P16	16	17	815.17	814.00	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	117.5	---	---
P17A	17A	17B	817.21	816.93	2.00%	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P17B	17B	17	816.93	816.80	2.00%	6.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P17	17	18	814.00	813.55	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.8	---	---
P18A	18A	18B	819.40	819.03	6.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6.2
P18B	18B	18D	816.29	816.03	2.00%	13.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P18C	18C	18D	818.73	817.72	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.6
P18D	18D	18	815.78	814.83	2.00%	---	47.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P18E	18E	18	816.05	815.62	2.00%	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SUBTOTALS						**726**	**185**	**102**	**0**	**88**	**0**	**149**	**358**	**0**	**100**	**0**	**0**	**41**	**0**	**353**	**162**	**0**	**57**

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER PIPES

PIPE NUMBER	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (%)	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 15-INCH LF	608.0318 18-INCH LF	608.0324 24-INCH LF	608.0360 60-INCH LF	608.0412 CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0421 21-INCH LF	608.0424 24-INCH LF	608.2414 HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608..2419 19x30-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 15-INCH LF	608.3018 18-INCH LF	608.3024 24-INCH LF	612.0206 PIPE UNDERDRAIN UNPERFORATED 6-INCH LF	612.0208 8-INCH LF
P18	18	19	813.55	809.91	2.43%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	150.0	---	---
P19A	19A	19B	812.37	812.16	2.00%	10.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P19B	19B	19D	811.91	811.62	2.00%	---	14.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P19C	19C	19D	813.71	813.14	1.30%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.5
P19D	19D	19	811.62	810.66	2.00%	---	47.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P19E	19E	19F	813.39	812.81	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	28.9	---
P19F	19F	19	812.07	811.64	2.00%	---	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P19	19	20	809.91	801.14	4.73%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	185.7	---	---
P20A	20A	20B	803.74	803.43	2.00%	15.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P20B	20B	20	803.18	802.23	2.00%	---	47.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P20C	20C	20D	804.95	804.70	1.00%	---	---	---	---	---	25.0	---	---	---	---	---	---	---	---	---	---	---	---
P20D	20D	20	804.70	804.48	1.00%	---	---	---	---	---	21.5	---	---	---	---	---	---	---	---	---	---	---	---
P20	20	21	801.14	796.82	2.69%	---	---	---	160.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P21A	21A	21B	797.93	797.62	1.00%	31.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P21B	21B	21C	797.62	797.50	1.00%	11.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P21C	21C	21	797.50	797.42	1.00%	7.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P21D	21D	21	796.93	796.82	0.50%	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P21	21	22	792.82	792.03	1.00%	---	---	---	---	79.2	---	---	---	---	---	---	---	---	---	---	---	---	---
P22	22	23	792.03	791.92	1.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.2	---	---	---
P23A	23A	23B	796.70	796.50	2.00%	---	9.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P23B	23B	23C	796.50	795.34	2.00%	---	57.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P23C	23C	23D	795.09	794.86	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	11.9	---	---	---
P23D	23D	23I	794.36	793.90	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.0	---	---
P23E	23E	23F	797.43	797.11	2.00%	---	16.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P23F	23F	23G	797.11	795.57	2.00%	---	76.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P23G	23G	23I	795.57	795.37	2.00%	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P23H	23H	23I	795.99	795.80	2.00%	9.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P23I	23I	23	793.90	792.90	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.6	---	---
P23	23	EXIST SS	789.30	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P24A	24A	24D	794.63	794.31	2.00%	16.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P24B	24B	24C	794.32	794.09	1.62%	---	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P24C	24C	24D	794.09	793.93	1.61%	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P24D	24D	24E	793.93	793.72	2.00%	---	10.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P24E	24E	24F	793.43	792.90	2.00%	---	26.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P24G	24G	24H	793.30	793.15	1.20%	---	---	---	---	---	---	---	---	---	---	---	---	12.9	---	---	---	---	---
P24H	24H	24	792.65	792.33	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.0	---	---	---
P24I	24I	24	791.17	790.96	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	10.6	---	---	---	---
P24	24	EXIST SS	784.61	;---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P30A	30A	30B	820.54	820.44	1.00%	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P30B	30B	30C	820.44	820.00	1.00%	43.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P30C	30C	30D	820.20	819.93	0.91%	29.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P30D	30D	30E	819.68	819.59	0.95%	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P30E	30E	30	819.34	818.99	0.95%	---	---	---	---	---	---	---	36.6	---	---	---	---	---	---	---	---	---	---
P30	30	31	818.99	818.52	0.50%	---	---	---	---	---	---	---	---	---	94.4	---	---	---	---	---	---	---	---
P31A	31A	31B	819.36	819.16	0.50%	40.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P31B	31B	31	819.16	818.73	2.00%	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P31	31	32	817.34	815.72	0.95%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	171.2	---	---
P32A	32A	32	817.93	817.50	2.00%	21.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P32	32	33	815.72	815.28	0.95%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	46.1	---	---
P33A	33A	33	816.65	816.28	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	18.5	---	---	---	---	---
P33	33	34	815.28	815.06	0.0095	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.5	---	---	---
P34	34	EXIST SS	815.06	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P40A	40A	40C	817.12	816.93	0.50%	---	---	---	---	---	38.3	---	---	---	---	---	---	---	---	---	---	---	---
P40B	40B	40C	817.23	816.93	0.50%	---	---	---	---	---	60.3	---	---	---	---	---	---	---	---	---	---	---	---
P40C	40C	40D	816.68	816.65	0.50%	---	---	---	---	---	---	6.4	---	---	---	---	---	---	---	---	---	---	---
SUBTOTALS						**289**	**374**	**0**	**160**	**79**	**145**	**6**	**37**	**0**	**94**	**0**	**0**	**31**	**11**	**63**	**626**	**29**	**44**

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

STORM SEWER PIPES

PIPE NUMBER	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (%)	608.0312 STORM SEWER PIPE REINFORCED CONCRETE CLASS III 12-INCH LF	608.0315 15-INCH LF	608.0318 18-INCH LF	608.0324 24-INCH LF	608.0360 60-INCH LF	608.0412 CLASS IV 12-INCH LF	608.0415 15-INCH LF	608.0418 18-INCH LF	608.0421 21-INCH LF	608.0424 24-INCH LF	608.2414 HORIZONTAL ELLIPTICAL CLASS HE-IV 14X23-INCH LF	608..2419 19x30-INCH LF	608.3012 STORM SEWER PIPE CLASS III-A 12-INCH LF	608.3015 15-INCH LF	608.3018 18-INCH LF	608.3024 24-INCH LF	612.0206 PIPE UNDERDRAIN UNPERFORATED 6-INCH LF	612.0208 8-INCH LF
P40D	40D	40	816.65	816.48	0.50%	---	---	---	---	---	---	35.3	---	---	---	---	---	---	---	---	---	---	---
P40E	40E	40F	816.91	816.85	0.50%	---	---	---	---	---	12.6	---	---	---	---	---	---	---	---	---	---	---	---
P40F	40F	40	816.60	816.48	0.50%	---	---	---	---	---	---	24.2	---	---	---	---	---	---	---	---	---	---	---
P40	40	41	816.23	815.83	0.50%	---	---	---	---	---	---	---	80.0	---	---	---	---	---	---	---	---	---	---
P41A	41A	41B	816.33	815.98	0.50%	---	---	---	---	---	---	---	69.2	---	---	---	---	---	---	---	---	---	---
P41B	41B	41D	815.73	815.68	0.50%	---	---	---	---	---	---	---	---	9.4	---	---	---	---	---	---	---	---	---
P41C	41C	41D	816.48	816.43	0.50%	---	---	---	---	---	9.4	---	---	---	---	---	---	---	---	---	---	---	---
P41D	41D	41	815.68	815.58	0.50%	---	---	---	---	---	---	---	---	21.5	---	---	---	---	---	---	---	---	---
P41	41	43	815.58	815.20	0.50%	---	---	---	---	---	---	---	---	75.0	---	---	---	---	---	---	---	---	---
P42A	42A	42B	816.62	816.57	0.50%	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---
P42B	42B	42	816.57	816.47	0.50%	---	---	---	---	---	21.5	---	---	---	---	---	---	---	---	---	---	---	---
P42	42	43	816.22	815.70	0.50%	---	---	---	---	---	---	103.4	---	---	---	---	---	---	---	---	---	---	---
P43A	43A	43	816.06	815.95	0.50%	---	---	---	---	---	21.5	---	---	---	---	---	---	---	---	---	---	---	---
P43	43	44	815.20	814.96	0.50%	---	---	---	---	---	---	---	---	47.7	---	---	---	---	---	---	---	---	---
P44	44	47	814.96	814.89	0.50%	---	---	---	---	---	---	---	14.4	---	---	---	---	---	---	---	---	---	---
P45	45	46	815.95	815.90	0.50%	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---
P46	46	47	815.40	815.14	0.50%	---	---	---	---	---	---	---	52.5	---	---	---	---	---	---	---	---	---	---
P47	47	EXIST SS	814.89	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P50A	50A	50B	812.62	812.34	1.00%	28.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P50B	50B	50C	812.09	812.02	1.00%	---	6.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P50C	50C	50D	812.02	811.64	1.00%	---	38.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P50D	50D	50E	811.64	810.76	1.00%	---	---	88.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P50E	50E	ENDWALL	810.76	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P60A	60A	60B	800.31	799.34	2.50%	---	39.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P60B	60B	60C	799.34	799.16	1.50%	---	11.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P60C	60C	60	799.16	798.13	4.00%	---	25.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P60D	60D	60E	799.20	799.00	1.00%	---	---	---	---	---	---	19.8	---	---	---	---	---	---	---	---	---	---	---
P60E	60E	60	798.23	798.13	1.00%	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P60	60	61	796.66	786.28	3.50%	---	---	---	---	---	---	---	---	---	296.7	---	---	---	---	---	---	---	---
P61A	61A	61B	787.76	787.54	0.75%	---	---	---	---	---	29.0	---	---	---	---	---	---	---	---	---	---	---	---
P61B	61B	61C	787.29	787.18	0.75%	---	---	---	---	---	---	15.6	---	---	---	---	---	---	---	---	---	---	---
P61C	61C	61	787.18	787.04	0.75%	---	---	---	---	---	---	19.0	---	---	---	---	---	---	---	---	---	---	---
P61	61	62	786.28	786.21	0.75%	---	---	---	---	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---
P62	62	63	786.21	785.62	0.75%	---	---	---	---	---	---	---	---	---	78.0	---	---	---	---	---	---	---	---
P63	63	ENDWALL	785.62	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P70A	70A	70C	785.84	785.79	0.50%	---	---	---	---	---	10.1	---	---	---	---	---	---	---	---	---	---	---	---
P70B	70B	70C	785.84	785.79	0.50%	---	---	---	---	---	10.1	---	---	---	---	---	---	---	---	---	---	---	---
P70C	70C	70E	785.54	785.39	0.50%	---	---	---	---	---	---	29.0	---	---	---	---	---	---	---	---	---	---	---
P70D	70D	70E	785.61	785.56	0.50%	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---
P70E	70E	70G	785.39	785.36	0.50%	---	---	---	---	---	---	---	---	---	---	7.0	---	---	---	---	---	---	---
P70F	70F	70G	785.58	785.52	0.50%	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---
P70G	70G	70I	785.36	785.16	0.50%	---	---	---	---	---	---	---	---	---	---	39.0	---	---	---	---	---	---	---
P70H	70H	70I	785.38	785.33	0.50%	---	---	---	---	---	9.9	---	---	---	---	---	---	---	---	---	---	---	---
P70I	70I	71	785.16	785.05	0.50%	---	---	---	---	---	---	---	---	---	---	22.0	---	---	---	---	---	---	---
P71	71	ENDWALL	785.05	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P80A	80A	80B	787.51	787.34	0.50%	---	---	---	---	---	34.1	---	---	---	---	---	---	---	---	---	---	---	---
P80B	80B	80D	786.76	786.66	0.50%	---	---	---	---	---	---	---	---	---	---	---	18.9	---	---	---	---	---	---
P80C	80C	80D	787.30	787.25	0.50%	---	---	---	---	---	10.0	---	---	---	---	---	---	---	---	---	---	---	---
P80D	80D	80E	786.66	786.43	0.50%	---	---	---	---	---	---	---	---	---	---	---	47.2	---	---	---	---	---	---
P80E	80E	80	786.43	786.32	0.50%	---	---	---	---	---	---	---	---	---	20.8	---	---	---	---	---	---	---	---
P80	80	81	786.32	786.08	0.50%	---	---	---	---	---	---	---	---	---	47.8	---	---	---	---	---	---	---	---
P81A	81A	81B	787.26	787.22	0.50%	---	---	---	---	---	7.3	---	---	---	---	---	---	---	---	---	---	---	---
P81B	81B	81	786.97	786.83	0.50%	---	---	---	---	---	---	27.7	---	---	---	---	---	---	---	---	---	---	---
P81	81	82	786.08	785.94	0.50%	---	---	---	---	---	---	---	---	---	28.9	---	---	---	---	---	---	---	---
P82	82	83	785.94	785.80	0.50%	---	---	---	---	---	---	---	---	---	28.0	---	---	---	---	---	---	---	---
SUBTOTALS						**28**	**131**	**88**	**0**	**0**	**215**	**274**	**216**	**154**	**510**	**68**	**66**	**0**	**0**	**0**	**0**	**0**	**0**

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

3

STORM SEWER PIPES

						608.0312	608.0315	608.0318	608.0324	608.0360	608.0412	608.0415	608.0418	608.0421	608.0424	608.2414	608..2419	608.3012	608.3015	608.3018	608.3024	612.0206	612.0208
						STORM SEWER PIPE REINFORCED CONCRETE																PIPE UNDERDRAIN UNPERFORATED	
						CLASS III					CLASS IV					HORIZONTAL ELLIPTICAL CLASS HE-IV		STORM SEWER PIPE CLASS III-A					
PIPE NUMBER	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (%)	12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	60-INCH LF	12-INCH LF	15-INCH LF	18-INCH LF	21-INCH LF	24-INCH LF	14X23-INCH LF	19x30-INCH LF	12-INCH LF	15-INCH LF	18-INCH LF	24-INCH LF	6-INCH LF	8-INCH LF
P83	83	ENDWALL	785.80	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P90A	90A	90C	792.85	792.36	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	24.3	---	---	---	---
P90C	90C	90D	792.12	791.50	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30.7	---	---	---
P90D	90D	90E	791.50	791.16	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	17.0	---	---	---
P90E	90E	90F	791.16	790.55	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	30.7	---	---	---
P90F	90F	90G	790.55	789.97	2.00%	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29.0	---	---	---
P90G	90G	ENDWALL	789.97	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P100	100	101	814.75	814.59	1.00%	---	---	16.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P101	101	102	807.87	807.15	2.00%	---	---	36.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P102	102	ENDWALL	0.00	0.00	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
P110	110	111	825.23	825.08	2.24%	---	---	---	---	---	6.7	---	---	---	---	---	---	---	---	---	---	---	---
P111	111	112	825.08	824.88	2.30%	---	---	---	---	---	8.7	---	---	---	---	---	---	---	---	---	---	---	---
P112	112	EXIST SS	824.88	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PROJECT TOTALS						**1349**	**816**	**283**	**230**	**167**	**927**	**521**	**611**	**185**	**787**	**197**	**66**	**142**	**35**	**698**	**818**	**29**	**101**

1. PIPE LENGTHS ARE FROM CENTER TO CENTER OF STRUCTURES.

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

CROSSOVER STORM SEWER

STRUCTURE NUMBER	STATION	OFFSET	RIM ELEV	LOWEST PIPE INVERT ELEV	TOP OF STRUCTURE ELEV	BOTTOM OF STRUCTURE ELEV	STR DEPTH FEET	*** 611.3220 INLETS 2X2-FT EACH	*** 611.3901 INLETS MEDIAN 1 GRATE EACH	*** 611.0642 INLET COVERS TYPE MS EACH	*** 611.0651 INLET COVERS TYPE S EACH	520.1012 AEW FOR CULV PIPE 12" EACH	*** 522.1012 APRON ENDWALLS FOR CULV PIPE REIN CONC 12" EACH	PIPE NUMBER	FROM STR	TO STR	INLET ELEV	DISCH ELEV	SLOPE (%)	*** 608.0412 STORM SEWER PIPE REINFORCED CONCRETE CLASS IV 12-INCH LF	608.0512 STORM SEWER PIPE REINFORCED CONCRETE CLASS V 12-INCH LF	COMMENTS
T1	986+74.1	17.6' LT	818.93	816.59	817.93	816.42	1.51	1	---	---	1	---	---	PT1	T1	T2	816.59	815.78	0.50%	---	161.8	
T2	985+12.5	8.8' LT	818.22	815.78	817.22	815.61	1.61	1	---	---	1	---	---	PT2	T2	T3	815.78	815.76	0.50%	---	4.0	
T3	982+12.5	4.8' LT	0.00	815.76	---	---	---	---	---	---	---	---	1	PT3	T3	ENDWALL	815.76	0.00	---	---	---	
T4	1073+24.9	0.1' LT	806.85	803.74	806.85	803.57	3.28	---	1	1	---	---	---	PT4	T4	T5	803.74	796.75	1.50%	465.8	---	
T5	1077+90.7	0.1' LT	799.26	796.75	799.26	796.08	3.17	---	1	1	---	---	---	PT5	T5	EXIST SS	796.75	796.75	---	---	---	SEE NOTE 7
PROJECT TOTALS								**2**	**2**	**2**	**2**	**0**	**1**							**466**	**166**	

NOTES:

1. RIM ELEVATIONS ARE GIVEN AT THE FLOW LINE FOR INLET GRATES, AND AT THE CENTER OF THE MANHOLE STRUCTURE FOR MANHOLES.
2. STATIONS AND OFFSETS ARE TO THE CENTER OF STRUCTURES.
3. PIPE LENGTHS ARE FROM CENTER TO CENTER OF STRUCTURES
4. STRUCTURE DEPTH:
   MANHOLES: RIM ELEV - INVERT ELEV - CASTING HEIGHT - ADJUSTMENT
   CATCH BASINS: RIM ELEV - INVERT ELEV - CASTING HEIGHT - ADJUSTMENT + 24 INCHES
5. ADJUSTMENT IS 6 INCHES UNLESS OTHERWISE NOTED
6. PROVIDE A RECTANGULAR OPENING IN FLAT TOP SLAB WHEN ROUND CATCH BASINS ARE USED.
7. APRON ENDWALL FOR CULVERT PIPE 12-INCH IS TO BE INSTALLED AT END OF CONSTRUCTION AFTER T5 IS REMOVED.

*** ADDITIONAL QUANTITIES FOUND ELSEWHERE - STORM SEWER

SURFACE DRAIN PIPE CORRUGATED METAL SLOTTED 8-INCH

ROADWAY	LOCATION	521.2005.01 LF
STH 50	WEST CROSSOVER	115
	EAST CROSSOVER	165
	CTH O SUBTOTAL	280

ALL ITEMS CATEGORY 0010 UNLESS NOTED OTHERWISE

TEMP INLET COVERS

STATION	LOCATION	204.9060.S.04 REMOVING INLET COVERS EACH	* 611.0651 INLET COVERS TYPE S EACH	611.8115 ADJUSTING INLET COVERS EACH	611.8120.S COVER PLATES TEMPORARY EACH	REMARKS
STAGE 1B:						
997+71	STH 50, 9' LT	--	1	1	--	INSTALL ON EXISTING INLET
999+96	STH 50, 9' RT	--	1	1	--	INSTALL ON EXISTING INLET
999+97	STH 50, 1' RT	--	1	1	--	INSTALL ON EXISTING INLET
1005+25	STH 50, 1' LT	--	1	1	--	INSTALL ON EXISTING INLET
1005+25	STH 50, 9' LT	--	1	1	--	INSTALL ON EXISTING INLET
1010+72	STH 50, 9' LT	--	1	1	--	INSTALL ON EXISTING INLET
1058+22	STH 50, 7' LT	--	1	1	--	INSTALL ON EXISTING INLET
1060+62	STH 50, R/L	--	1	1	--	INSTALL ON EXISTING INLET
1060+61	STH 50, 9' LT	--	1	1	--	INSTALL ON EXISTING INLET
1062+60	STH 50, 3' LT	--	1	1	--	INSTALL ON EXISTING INLET
STAGE 2A-2B:						
977+71	STH 50, 8.5' RT	--	--	--	1	INSTALL ON PROPOSED INLET
999+76	STH 50, 2' RT	--	--	--	1	INSTALL ON PROPOSED INLET
1008+21	STH 50, 8.5' RT	--	--	--	1	INSTALL ON PROPOSED INLET
1013+71	STH 50 R/L	--	--	--	1	INSTALL ON PROPOSED INLET
1031+45	STH 50, 7' RT	--	--	--	1	INSTALL ON PROPOSED INLET
1032+61	STH 50, 2' LT	1	1	--	--	INSTALL ON PROPOSED INLET
1034+81	STH 50, 2' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1034+81	STH 50, 8' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1047+65	STH 50, 8' RT	--	--	--	1	INSTALL ON PROPOSED INLET
STAGE 2B:						
1006+57	STH 50, 64' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1006+62	STH 50, 44' RT	1	1	--	--	INSTALL ON PROPOSED INLET
STAGE 3:						
977+71	STH 50, 8.5' LT	--	--	--	1	INSTALL ON PROPOSED INLET
977+71	STH 50, 8.5' RT	1	1	--	--	INSTALL ON PROPOSED INLET
999+76	STH 50, 2' RT	1	1	--	--	INSTALL ON PROPOSED INLET
999+76	STH 50, 8.5' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1005+06	STH 50, 1.5' LT	1	1	--	--	INSTALL ON PROPOSED INLET
1005+06	STH 50, 9' LT	1	1	--	--	INSTALL ON PROPOSED INLET
1007+50	STH 50, 1.5' LT	1	1	--	--	INSTALL ON PROPOSED INLET
1008+21	STH 50, 1.5' LT	1	1	--	--	INSTALL ON PROPOSED INLET
1008+21	STH 50, 8.5' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1010+65	STH 50, 1' RT	--	--	--	1	INSTALL ON PROPOSED INLET
1010+75	STH 50, 0.5' LT	--	--	--	1	INSTALL ON PROPOSED INLET
1011+21	STAH 50, 6' LT	--	--	--	1	INSTALL ON PROPOSED INLET
STAGE 4A:						
50+86	STH 75, 38' LT	1	1	--	--	INSTALL ON PROPOSED INLET
STAGE 4B:						
1031+45	STH 50, 7' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1047+65	STH 50, 2' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1047+65	STH 50, 8' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1048+25	STH 50, 2' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1052+22	STH 50, 2' LT	--	--	--	1	INSTALL ON PROPOSED INLET
1052+22	STH 50, 8' LT	--	--	--	1	INSTALL ON PROPOSED INLET
1058+22	STH 50, 7.5' LT	--	--	--	1	INSTALL ON PROPOSED INLET
1060+48	STH 50, 8.5' LT	--	--	--	1	INSTALL ON PROPOSED INLET
1060+58	STH 50, 8.5' LT	--	--	--	1	INSTALL ON PROPOSED INLET
1062+60	STH 50, 3' LT	1	1	--	--	INSTALL ON PROPOSED INLET
1062+60	STH 50, 4' RT	1	1	--	--	INSTALL ON PROPOSED INLET
1062+88	STH 50, 8' RT	1	1	--	--	INSTALL ON PROPOSED INLET
	TOTAL 0010	21	31	10	15	

PIPE UNDERDRAIN

STATION	TO	STATION	LOCATION	310.0110 BASE AGGREGATE OPEN-GRADED TON	612.0106 PIPE UNDERDRAIN 6-INCH LF	612.0206 PIPE UNDERDRAIN UNPERFORATED 6-INCH LF	612.0208 PIPE UNDERDRAIN UNPERFORATED 8-INCH LF	645.0111 GEOTEXTILE TYPE DF SCHEDULE A SY
994+20	-	997+00	STH 50	88	1,186	32	--	527
997+00	-	1003+00	STH 50	178	2,400	24	--	1,067
1003+00	-	1009+00	STH 50	147	1,986	21	--	883
1009+00	-	1015+00	STH 50	178	2,400	37	--	1,067
1015+00	-	1016+62	STH 50	48	648	--	--	288
1016+62	-	1021+00	STH 50	130	1,752	6	--	779
1021+00	-	1027+00	STH 50	89	1,200	18	--	533
1027+00	-	1033+00	STH 50	89	1,200	21	--	533
1033+00	-	1039+00	STH 50	89	1,200	9	--	533
1039+00	-	1045+00	STH 50	89	1,200	9	--	533
1045+00	-	1047+56	STH 50	38	512	9	--	228
1047+56	-	1051+00	STH 50	102	1,376	9	--	612
1051+00	-	1057+00	STH 50	178	2,400	24	--	1,067
1057+00	-	1063+00	STH 50	178	2,400	33	--	1,067
1063+00	-	1068+20	STH 50	154	2,080	15	--	924
45+00	-	49+65	STH 83	82	1,106	9	--	492
50+34	-	52+95	STH 75	42	569	9	--	253
1029+21	-	1029+50	STH 50, 33' RT	--	--	--	30	--
			TOTAL 0010	1898	25615	285	30	11,385

CONCRETE MEDIAN SLOPED NOSE

STATION	TO	STATION	LOCATION	620.0300 CONCRETE MEDIAN SLOPED NOSE SF
998+72	-	998+77	STH 50, R/L	18
999+70	-	999+75	STH 50, 5' RT	24
1005+07	-	1005+12	STH 50, 5' LT	26
1006+43	-	1006+48	STH 50, 5' RT	26
1013+03	-	1013+08	STH 50, 5' LT	26
1013+73	-	1013+78	STH 50, R/L	54
1016+56	-	1016+61	STH 50, 5' LT	26
1017+75	-	1015+80	STH 50, R/L	101
1025+89	-	1025+94	STH 50, 2' LT	27
1027+43	-	1027+48	STH 50, R/L	39
1031+37	-	1031+42	STH 50, R/L	49
1033+63	-	1033+68	STH 50, 5' LT	26
1034+75	-	1034+80	STH 50, 5' RT	26
1038+93	-	1038+98	STH 50, R/L	58
1047+58	-	1047+63	STH 50, 5' RT	29
1052+22	-	1052+27	STH 50, 5' LT	26
1053+08	-	1053+12	STH 50, 5' RT	26
1061+84	-	1061+89	STH 50, 5' LT	26
1062+56	-	1062+61	STH 50, R/L	23
1064+44	-	1064+49	STH 50, 5' LT	26
1065+12	-	1065+17	STH 50, R/L	54
1068+09	-	1068+14	STH 50, R/L	19
49+20	-	49+25	STH 83, 5' LT	26
50+69	-	50+74	STH 75, 5' RT	26
52+95	-	53+00	STH 75, 5' LT	26
19+44	-	19+46	W HIGH SCHOOL DWY	6
			TOTAL 0010	839

CHAIN LINK

STATION	TO	STATION	LOCATION	616.0208 FENCE CHAIN LINK 8-FT LF	616.0329 GATES CHAIN EACH
1052+23	-	1052+59	STH 50, 49' LT	16	1
1052+59	-	1052+99	STH 50, 49' LT	20	1
1052+99	-	1053+15	STH 50, 49' LT	16	--
1059+30	-	1059+50	STH 50, 50' LT	20	--
			TOTAL 0010	72	2

LANDMARK REFERENCE MONUMENTS

STATION	LOCATION	621.0100 LANDMARK REFERENCE MONUMENTS EACH	REMARKS
999+20	STH 50, 10' LT	1	SEC N-10-1-20
1025+73	STH 50, 7' LT	1	SEC SW-2-1-20
1052+06	STH 50, 7' LT	1	SEC S-2-1-20
	TOTAL 0010	3	

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LANDSCAPING

STATION	TO	STATION	LOCATION	625.0100 TOPSOIL SY	625.0500 SALVAGED TOPSOIL SY	627.0200 MULCHING SY	628.2004 EROSION MAT CLASS I TYPE B SY	628.2037 EROSION MAT CLASS III TYPE C SY	628.6510 SOIL STABILIZER TYPE B ACRE	629.0210 FERTILIZER TYPE B CWT	630.0110 SEEDING MIXTURE NO. 10 LB	630.0130 SEEDING MIXTURE NO. 30 LB	630.0200 SEEDING TEMPORARY LB	630.0300 SEEDING BORROW PIT LB	630.0500 SEED WATER MGAL	631.0300 SOD WATER MGAL	631.1000 SOD LAWN SY	REMARKS
STAGE 1A:																		
984+25	-	990+15	STH 50 MEDIAN	--	568	--	568	--	0.12	0.5	--	--	16	--	13	--	--	WEST CROSSOVER
1007+00	-	1009+55	STH 50 RT	--	4,822	--	3,115	1,708	1.00	2.0	24	57	131	--	109	--	--	DETENTION POND
1071+39	-	1078+14	STH 50 MEDIAN	--	1,139	--	1,139	--	0.24	1.0	--	--	31	--	26	--	--	EAST CROSSOVER
STAGES 2A-2B:																		
994+00	-	999+00	STH 50 RT	--	2,092	--	2,092	--	0.44	1.5	--	38	57	--	47	--	--	
999+45	-	1005+70	STH 50 RT	709	--	--	--	--	--	0.5	--	--	--	--	--	16	709	
1011+10	-	1017+00	STH 50 RT	804	--	--	--	--	--	1.0	--	--	--	--	--	19	804	
1017+30	-	1025+60	STH 50 RT	1,811	--	--	--	--	--	1.5	--	--	--	--	--	41	1,811	
1025+60	-	1034+00	STH 50 RT	379	--	--	--	--	--	0.5	--	--	--	--	--	9	379	
1034+45	-	1039+80	STH 50 RT	174	--	--	--	--	--	0.5	--	--	--	--	--	4	174	
1040+25	-	1046+75	STH 50 RT	74	--	--	--	--	--	0.5	--	--	--	--	--	2	74	
1047+25	-	1052+25	STH 50 RT	407	--	--	--	--	--	0.5	--	--	--	--	--	10	407	
1052+50	-	1068+70	STH 50 RT	--	2,175	--	2,175	--	0.45	1.5	--	40	59	--	49	--	--	
994+00	-	1068+70	UNDISTRIBUTED	1,090	2,699	--	2,272	--	0.56	3.0						25	1,090	ADDED 10% UNDISTRIBUTED
STAGE 4A:																		
1004+45	-	1005+00	STH 50 LT	77	--	--	--	--	--	0.5	--	--	--	--	--	2	77	
1006+05	-	1007+50	STH 50 LT	250	--	--	--	--	--	0.5	--	--	--	--	--	6	250	
STAGE 4B:																		
994+20	-	1002+70	STH 50 LT	880	--	--	--	--	--	1.0	--	--	--	--	--	20	880	
1010+80	-	1017+00	STH 50 LT	427	--	--	--	--	--	0.5	--	--	--	--	--	10	427	
STAGE 4C:																		
1017+40	-	1025+20	STH 50 LT	634	--	--	--	--	--	0.5	--	--	--	--	--	15	634	
1025+90	-	1034+05	STH 50 LT	454	--	--	--	--	--	0.5	--	--	--	--	--	11	454	
1034+45	-	1042+95	STH 50 LT	594	--	--	--	--	--	0.5	--	--	--	--	--	14	594	
1043+35	-	1047+00	STH 50 LT	147	--	--	--	--	--	0.5	--	--	--	--	--	4	147	
1047+40	-	1062+00	STH 50 LT	810	--	--	--	--	--	1.0	--	--	--	--	--	19	810	
1062+45	-	1068+70	STH 50 LT	1,238	--	--	--	--	--	1.0	--	--	--	--	--	28	1,238	
994+20	-	1068+70	UNDISTRIBUTED	1,378	--	--	--	--	--	1.5						31	1,378	ADDED 10% UNDISTRIBUTED
STAGE 5:																		
984+25	-	990+15	STH 50 MEDIAN	--	1,225	--	1,225	--	0.26	1.0	--	--	34	--	28	--	--	RESTORE WEST CROSSOVER
1071+39	-	1078+14	STH 50 MEDIAN	--	1,920	--	1,920	--	0.40	1.5	--	--	52	--	44	--	--	RESTORE EAST CROSSOVER
994+20	-	1068+70	TO BE DETERMINED	--	9,680	9,680	--	--	2.00	6.5	--	--	--	131	217	--	--	15'X2 ACRES WASTE SITE
			TOTAL 0010	12,336	26,320	9,680	14,506	1,708	5.47	31.5	24	135	380	131	533	286	12,336	

3

3

SILT FENCE

STATION	TO	STATION	LOCATION	628.1504 SILT FENCE LF	628.1520 SILT FENCE MAINTENANCE LF	628.7570 ROCK BAGS EACH	REMARKS
STAGE 1B:							
1009+15	-	1009+57	57'-145' RT	103	103	18	SEE NOTE 1
STAGE 2A:							
999+56	-	1002+15	58'-197' RT	349	349	--	
1011+11	-	1013+61	53'-82' RT	287	287	--	
1020+36	-	1025+59	56'-164' RT	552	552	54	SEE NOTE 1
1048+83	-	1052+29	54'-56' RT	347	347	--	
1052+49	-	1055+44	47'-75' RT	300	300	18	SEE NOTE 1
1057+25	-	1058+73	47'-72' RT	153	153	--	
1058+84	-	1062+33	49'-69' RT	361	361	18	SEE NOTE 1
1062+45	-	1068+72	45'-68' RT	639	639	36	SEE NOTE 1
STAGE 4A:							
1006+11	-	1007+50	56'-82' LT	155	155	--	
STAGE 4C:							
1043+42	-	1045+57	47'-73' LT	128	128	--	
			TOTAL 0010	3374	3374	144	

NOTE 1
ROCK BAGS USE FOR SILT FENCE RELIEF POINT

EC MOBILIZATION

STATION	TO	STATION	LOCATION	628.1905 MOBILIZATIONS EROSION CONTROL EACH	628.1910 MOBILIZATIONS EMERGENCY EROSION CONTROL EACH
STAGES 1A & 1B:					
982+00	-	1078+50	STH 50 PROJECT LIMITS	2	--
STAGES 2A & 2B:					
994+20	-	1068+20	STH 50 PROJECT LIMITS	2	1
STAGE 3:					
994+20	-	1068+20	STH 50 PROJECT LIMITS	1	1
STAGES 4A & 4B:					
994+20	-	1068+20	STH 50 PROJECT LIMITS	2	1
STAGE 4C:					1
994+20	-	1068+20	STH 50 PROJECT LIMITS	1	1
STAGE 5:					
982+00	-	1078+50	STH 50 PROJECT LIMITS	1	--
			TOTAL 0010	9	5

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TEMPORARY DITCH CHECKS

STATION	LOCATION	628.7504 TEMPORARY DITCH CHECKS LF
STAGE 2A:		
994+00	STH 50, 60'-80' RT	20
995+50	STH 50, 60'-80' RT	20
998+00	STH 50, 65'-85' RT	20
998+75	STH 50, 95'-115' RT	20
STAGE 4C:		
1042+90	STH 50, 94' LT	10
1061+50	STH 50, 60'-70' LT	10
1063+25	STH 50, 60'-70' LT	10
1066+75	STH 50, 60'-70' LT	10
	TOTAL 0010	120

TRACKING PADS

STATION	TO	STATION	LOCATION	628.7560 TRACKING PADS EACH
STAGE 1A:				
98200	-	107850	WEST & EAST CROSSOVERS	2
STAGE 2A:				
99420	-	106820	STH 50 EB LANES	3
STAGE 2B:				
4468	-	4925	STH 83	1
STAGE 4B:				
99420	-	102300	STH 50 MEDIAN	1
STAGE 4C:				
102300	-	106820	STH 50 WB LANES	2
98200	-	107850	WASTE SITE	1
			TOTAL 0010	10

CULVERT PIPE CHECKS

STATION	LOCATION	628.7555 CULVERT PIPE CHECKS EACH	REMARKS
376	CTH F, 51' RT	1	12-INCH EXISTING SS PIPE
100950	STH 50, 90' LT	3	36-INCH EXISTING CULVERT PIPE
105939	STH 50, 64' LT	3	36-INCH EXISTING CULVERT PIPE
106660	STH 50, 59' LT	1	15-INCH DRIVEWAY PIPE
106804	STH 50, 60' LT	1	15-INCH DRIVEWAY PIPE
	TOTAL 0010	9	

3

INLET PROTECTIONS

STATION	TO	STATION	LOCATION	628.7005 INLET PROTECTION TYPE A EACH	628.7010 INLET PROTECTION TYPE B EACH	628.7015 INLET PROTECTION TYPE C EACH	628.7020 INLET PROTECTION TYPE D EACH	REMARKS
STAGES 1A & 1B:								
982+61	-	982+61	STH 50, 2' LT	1	1	--	--	EXISTING INLETS
994+00	-	1003+00	STH 50 LT & RT	--	--	11	--	EXISTING INLETS
1003+00	-	1018+00	STH 50, 83 & 75	--	--	32	--	EXISTING INLETS
1018+00	-	1033+00	STH 50 LT & RT	--	--	22	--	EXISTING INLETS
1033+00	-	1048+00	STH 50 LT & RT	--	--	20	--	EXISTING INLETS
1048+00	-	1063+00	STH 50 LT & RT	--	--	23	--	EXISTING INLETS
1063+00	-	1069+05	STH 50 LT & RT	1	1	5	--	EXISTING INLETS
STAGE 2A:								
994+00	-	1003+00	STH 50 RT	8	2	7	--	PROPOSED INLETS
1003+00	-	1018+00	STH 50 RT	11	--	14	3	PROPOSED INLETS
1018+00	-	1033+00	STH 50 RT	27	2	23	2	PROPOSED INLETS
1033+00	-	1048+00	STH 50 RT	18	--	23	3	PROPOSED INLETS
1048+00	-	1063+00	STH 50 RT	11	1	10	--	PROPOSED INLETS
1063+00	-	1068+20	STH 50 RT	2	--	2	--	PROPOSED INLETS
STAGE 2B:								
44+68	-	49+25	STH 83 LT & RT	7	--	7	--	PROPOSED INLETS
STAGE 3:								
994+00	-	1003+00	STH 50 MEDIAN	3	--	3	--	PROPOSED INLETS
1003+00	-	1014+00	STH 50 MEDIAN	10	--	10	--	PROPOSED INLETS
STAGE 4A:								
50+80	-	54+00	STH 75 LT & RT	9	--	9	--	PROPOSED INLETS
STAGE 4B:								
994+00	-	1003+00	STH 50 LT	1	--	1	--	PROPOSED INLETS
1003+00	-	1018+00	STH 50 LT	2	--	5	3	PROPOSED INLETS
1018+00	-	1023+00	STH 50 LT	2	--	2	--	PROPOSED INLETS
STAGE 4C:								
1024+00	-	1033+00	STH 50 RT	14	6	10	--	PROPOSED INLETS
1033+00	-	1048+00	STH 50 RT	7	--	7	--	PROPOSED INLETS
1048+00	-	1063+00	STH 50 RT	9	--	9	--	PROPOSED INLETS
1063+00	-	1068+20	STH 50 RT	2	--	2	--	PROPOSED INLETS
			TOTAL 0010	145	13	257	11	

3

TRAFFIC CONTROL

STATION	TO	STATION	LOCATION	643.0300 TRAFFIC CONTROL DRUMS DAY	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 DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	REMARKS
STAGE 1A:														
WEST END	-	970+00	STH 50	588	147	--	--	294	105	21	336	--	28	SHEET 16 OF 121
970+00	-	985+00	STH 50	1512	42	--	--	84	189	21	168	4	--	SHEET 17 OF 121
985+00	-	1000+00	STH 50	798	168	--	--	336	189	42	189	1	--	SHEET 18 OF 121
1000+00	-	1004+25	STH 50	--	--	--	--	--	--	--	84	--	--	SHEET 19 OF 121
1056+00	-	1060+00	STH 50	--	--	--	--	--	--	--	42	--	--	SHEET 20 OF 121
1060+00	-	1075+00	STH 50	798	21	--	--	42	189	42	273	--	28	SHEET 21 OF 121
1075+00	-	MATCHLINE A	STH 50	1029	126	--	--	252	252	21	273	1	--	SHEET 22 OF 121
MATCHLINE A	-	EAST END	STH 50	504	126	--	--	252	42	21	336	--	28	SHEET 23 OF 121
STAGE 1B:														
WEST END	-	970+00	STH 50	1134	168	--	--	336	210	21	420	--	28	SHEET 24 OF 121
970+00	-	985+00	STH 50	1722	210	--	--	420	336	21	189	4	--	SHEET 25 OF 121
985+00	-	1000+00	STH 50	2352	210	--	--	420	--	--	252	1	--	SHEET 26 OF 121
1000+00	-	1015+00	STH 50	2520	63	--	--	126	--	--	294	--	--	SHEET 27 OF 121
1015+00	-	1030+00	STH 50	2730	84	--	--	168	--	--	294	--	--	SHEET 28 OF 121
1030+00	-	1045+00	STH 50	2562	126	--	--	252	--	--	567	--	--	SHEET 29 OF 121
1045+00	-	1060+00	STH 50	2667	84	--	--	168	--	--	252	--	--	SHEET 30 OF 121
1060+00	-	1075+00	STH 50	2268	294	--	--	588	--	--	294	--	--	SHEET 31 OF 121
1075+00	-	MATCHLINE A	STH 50	1848	126	--	--	252	483	21	126	1	--	SHEET 32 OF 121
MATCHLINE A	-	EAST END	STH 50	819	105	--	--	210	63	21	378	--	28	SHEET 33 OF 121
STAGE 2A:														
WEST END	-	970+00	STH 50	6570	630	--	--	1260	900	90	1710	--	90	SHEET 34 OF 121
970+00	-	985+00	STH 50	13590	720	--	--	1440	1620	90	1080	--	--	SHEET 35 OF 121
985+00	-	1000+00	STH 50	11430	180	43	43	360	900	--	2070	--	--	SHEET 36 OF 121
1000+00	-	1015+00	STH 50	9360	990	59	59	1980	--	--	3510	--	--	SHEET 37 OF 121
1015+00	-	1030+00	STH 50	5760	90	60	60	180	--	--	1980	--	--	SHEET 38 OF 121
1030+00	-	1045+00	STH 50	8100	90	79	79	180	--	--	2700	--	--	SHEET 39 OF 121
1045+00	-	1060+00	STH 50	6930	--	74	74	--	--	--	1350	--	--	SHEET 40 OF 121
1060+00	-	1075+00	STH 50	6480	90	58	58	180	360	--	1080	--	--	SHEET 41 OF 121
1075+00	-	MATCHLINE A	STH 50	10170	540	--	--	1080	3240	90	540	--	--	SHEET 42 OF 121
MATCHLINE A	-	EAST END	STH 50	3420	450	--	--	900	270	90	1620	--	90	SHEET 43 OF 121
SOUTH END	-	46+00	STH 83	4050	90	--	--	180	--	--	540	--	90	SHEET 44 OF 121
54+00	-	NORTH END	STH 75	990	--	--	--	--	990	--	540	--	90	SHEET 45 OF 121

TRAFFIC CONTROL: SHEET 1 OF 3

TRAFFIC CONTROL

STATION	TO	STATION	LOCATION	643.0300 TRAFFIC CONTROL DRUMS DAY	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 DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	REMARKS
STAGE 2B:														
1000+00	-	1015+00	STH 50	1512	483	66	66	966	--	--	756	10	--	SHEET 46 OF 121
SOUTH END	-	46+00	STH 83	--	105	--	--	210	--	--	84	1	21	SHEET 47 OF 121
54+00	-	NORTH END	STH 75	231	63	--	--	126	210	--	126	4	--	SHEET 48 OF 121
STAGE 2B1	-	STAGE 2B1	STH 50	--	21	--	--	42	--	--	21	--	--	SHEET 49 OF 121
STAGE 2B2	-	STAGE 2B2	STH 50	--	21	--	--	42	--	--	21	--	--	SHEET 50 OF 121
STAGE 3:														
WEST END	-	970+00	STH 50	1113	168	--	--	336	210	21	420	--	21	SHEET 51 OF 121
970+00	-	985+00	STH 50	2646	210	--	--	420	336	21	231	--	--	SHEET 52 OF 121
985+00	-	1000+00	STH 50	2898	189	--	--	378	--	--	504	--	--	SHEET 53 OF 121
1000+00	-	1015+00	STH 50	3486	336	--	--	672	--	--	861	7	--	SHEET 54 OF 121
1015+00	-	1030+00	STH 50	2730	210	--	--	420	63	--	546	--	--	SHEET 55 OF 121
1030+00	-	1045+00	STH 50	2520	588	--	--	1176	--	--	693	--	--	SHEET 56 OF 121
1045+00	-	1060+00	STH 50	2709	84	--	--	168	--	--	399	--	--	SHEET 57 OF 121
1060+00	-	1075+00	STH 50	2604	399	--	--	798	--	--	294	--	--	SHEET 58 OF 121
1075+00	-	MATCHLINE A	STH 50	1512	315	--	--	630	483	21	126	--	--	SHEET 59 OF 121
MATCHLINE A	-	EAST END	STH 50	840	105	--	--	210	84	21	378	--	21	SHEET 60 OF 121
SOUTH END	-	46+00	STH 83	567	21	--	--	42	252	--	126	10	21	SHEET 61 OF 121
54+00	-	NORTH END	STH 75	231	--	--	--	--	210	--	105	15	21	SHEET 62 OF 121
STAGE 4A:														
WEST END	-	970+00	STH 50	1113	168	--	--	336	210	21	420	--	21	SHEET 63 OF 121
970+00	-	985+00	STH 50	2793	231	--	--	462	546	21	315	--	--	SHEET 64 OF 121
985+00	-	1000+00	STH 50	1827	189	47	47	378	168	--	273	--	--	SHEET 65 OF 121
1000+00	-	1015+00	STH 50	2100	546	79	79	1092	--	--	1491	--	--	SHEET 66 OF 121
1015+00	-	1030+00	STH 50	2814	651	16	16	1302	147	--	546	--	--	SHEET 67 OF 121
1030+00	-	1045+00	STH 50	2310	609	--	--	1218	--	--	693	--	--	SHEET 68 OF 121
1045+00	-	1060+00	STH 50	2289	84	--	--	168	--	--	399	--	--	SHEET 69 OF 121
1060+00	-	1075+00	STH 50	2415	357	--	--	714	--	--	273	--	--	SHEET 70 OF 121
1075+00	-	MATCHLINE A	STH 50	1512	315	--	--	630	483	21	126	--	--	SHEET 71 OF 121
MATCHLINE A	-	EAST END	STH 50	840	105	--	--	210	84	21	378	--	21	SHEET 72 OF 121
SOUTH END	-	46+00	STH 83	609	21	--	--	42	231	--	126	4	21	SHEET 73 OF 121
54+00	-	NORTH END	STH 75	--	--	--	--	--	--	--	63	22	21	SHEET 74 OF 121
STAGE 4B:														
WEST END	-	970+00	STH 50	720	240	--	--	480	300	30	600	--	30	SHEET 75 OF 121
970+00	-	985+00	STH 50	2730	480	--	--	960	780	30	450	--	--	SHEET 76 OF 121
985+00	-	1000+00	STH 50	2610	300	47	47	600	270	--	390	--	--	SHEET 77 OF 121
1000+00	-	1015+00	STH 50	2640	240	66	66	480	--	--	2490	--	--	SHEET 78 OF 121
1015+00	-	1030+00	STH 50	3480	600	16	16	1200	240	--	780	--	--	SHEET 79 OF 121
1030+00	-	1045+00	STH 50	3300	870	--	--	1740	--	--	990	--	--	SHEET 80 OF 121
1045+00	-	1060+00	STH 50	3270	120	--	--	240	--	--	570	--	--	SHEET 81 OF 121
1060+00	-	1075+00	STH 50	3360	390	--	--	780	--	--	420	--	--	SHEET 82 OF 121
1075+00	-	MATCHLINE A	STH 50	2310	450	--	--	900	690	30	180	--	--	SHEET 83 OF 121
MATCHLINE A	-	EAST END	STH 50	1200	150	--	--	300	120	30	540	--	30	SHEET 84 OF 121
SOUTH END	-	46+00	STH 83	870	--	--	--	--	330	--	150	--	30	SHEET 85 OF 121
54+00	-	NORTH END	STH 75	--	--	--	--	--	--	--	150	--	30	SHEET 86 OF 121

TRAFFIC CONTROL: SHEET 2 OF 3

TRAFFIC CONTROL

STATION	TO	STATION	LOCATION	643.0300 TRAFFIC CONTROL DRUMS DAY	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 DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	REMARKS
STAGE 4C:														
WEST END	-	970+00	STH 50	1500	480	--	--	960	600	60	1200	--	60	SHEET 87 OF 121
970+00	-	985+00	STH 50	5460	960	--	--	1920	1560	60	900	--	--	SHEET 88 OF 121
985+00	-	1000+00	STH 50	5220	600	47	47	1200	540	--	780	--	--	SHEET 89 OF 121
1000+00	-	1015+00	STH 50	5280	780	66	66	1560	--	--	5100	--	--	SHEET 90 OF 121
1015+00	-	1030+00	STH 50	4860	1500	66	66	3000	480	--	1560	--	--	SHEET 91 OF 121
1030+00	-	1045+00	STH 50	5340	600	85	85	1200	--	--	1920	--	--	SHEET 92 OF 121
1045+00	-	1060+00	STH 50	4200	360	76	76	720	--	--	1020	--	--	SHEET 93 OF 121
1060+00	-	1075+00	STH 50	5100	300	62	62	600	300	--	840	--	--	SHEET 94 OF 121
1075+00	-	MATCHLINE A	STH 50	6780	360	--	--	720	1920	60	480	--	--	SHEET 95 OF 121
MATCHLINE A	-	EAST END	STH 50	3480	360	--	--	720	240	60	1140	--	60	SHEET 96 OF 121
SOUTH END	-	46+00	STH 83	180	--	--	--	--	--	--	300	--	60	SHEET 97 OF 121
54+00	-	NORTH END	STH 75	--	--	--	--	--	--	--	300	--	60	SHEET 98 OF 121
STAGE 4C1-4C3:														
1030+00	-	1062+00	STH 50	--	--		--	--	--	--	266	--	--	SHEETS 99-107 OF 121
STAGE 5:														
WEST END	-	970+00	STH 50	735	168	--	--	336	210	21	420	--	--	SHEET 108 OF 121
970+00	-	985+00	STH 50	2142	210	--	--	420	336	21	210	--	--	SHEET 109 OF 121
985+00	-	1000+00	STH 50	2562	168	--	--	336	--	--	546	--	--	SHEET 110 OF 121
1000+00	-	1015+00	STH 50	3087	105	--	--	210	--	--	2100	--	--	SHEET 111 OF 121
1015+00	-	1030+00	STH 50	2625	105	--	--	210	63	--	714	--	--	SHEET 112 OF 121
1030+00	-	1045+00	STH 50	2541	105	--	--	210	--	--	819	--	--	SHEET 113 OF 121
1045+00	-	1060+00	STH 50	2625	84	--	--	168	--	--	420	--	--	SHEET 114 OF 121
1060+00	-	1075+00	STH 50	2646	315	--	--	630	--	--	399	--	--	SHEET 115 OF 121
1075+00	-	MATCHLINE A	STH 50	1617	147	--	--	294	483	21	126	--	--	SHEET 116 OF 121
MATCHLINE A	-	EAST END	STH 50	546	105	--	--	210	84	21	378	--	--	SHEET 117 OF 121
SOUTH END	-	46+00	STH 83	84	--	--	--	--	--	--	105	--	--	SHEET 118 OF 121
54+00	-	NORTH END	STH 75	--	--	--	--	--	--	--	105	--	--	SHEET 119 OF 121
STAGE 6A:														
STH 50	&	83/75 INTERSECTION		560	56	--	--	112	--	--	322	--	--	SHEET 120 OF 121
STAGE 6B:														
STH 50	&	83/75 INTERSECTION		105	28	--	--	56	--	--	126	--	--	SHEET 121 OF 121
			TOTAL 0010	254687	24300	1112	1112	48600	23601	1224	64587	85	1049	

NOTE:
* ADDITIONAL QUANTITY SHOWN ELSEWHERE IN PLANS. SEE TRAFFIC CONTROL DETOUR MISCELLANEOUS QUANTITY TABLE.

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TRAFFIC CONTROL DETOUR

LOCATION	* 643.0900 TRAFFIC CONTROL SIGNS DAY	* 643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	* 643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	643.5000 TRAFFIC CONTROL EACH	REMARKS
STH 50, STH 83, STH 75, CTH K, & USH 45	39780	--	30.00	70	--	SEE ALTERNATE ROUTE PLAN
USH 12	1836	--	90.00	0	--	SEE ALTERNATE ROUTE PLAN
IH-94	1836	--	190.00	0	--	SEE ALTERNATE ROUTE PLAN
STH 50, USH 45, CHT C, STH 83 & STH 75	2814	4	66.00	84	--	SEE STAGE 2B DETOUR PLAN
STH 50, USH 45, CHT C, STH 83	2562	9	109.50	63	--	SEE STAGE 3 DETOUR PLAN
STH 75, STH 142, USH 45	2247	3	46.50	21	--	SEE STAGE 3 DETOUR PLAN
STH 50, USH 45, STH 142, STH 75 & 83	3591	12	149.00	84	--	SEE STAGE 4A DETOUR PLAN
STH 83, CTH C, USH 45	616	--	63.00	0	--	STAGE 6A TRUCK DETOUR
STH 75, STH 142, USH 45	693	--	105.00	0	--	STAGE 6B TRUCK DETOUR
STH 50 PROJECT LIMITS	--	--	--	--	1	
TOTAL 0010	55975	28	849.00	322	1	

NOTE:
* ADDITIONAL QUANTITY SHOWN ELSEWHERE IN PLANS. SEE TRAFFIC CONTROL MISCELLANEOUW QUANTITY TABLES.

TEMP PEDESTRIAN SURFACES

STATION	TO	STATION	LOCATION	644.1410.S TEMPORARY PEDESTRIAN SURFACE ASPHALT SF	644.1420.S TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF	644.1430.S TEMPORARY PEDESTRIAN SURFACE PLATE SF	644.1601.S TEMPORARY CURB RAMP EACH
STAGE 2A:							
1006+68	-	1007+13	62'-78' RT	233	--	--	--
1033+72	-	1033+79	2'-37' RT	216	--	60	1
1034+61	-	1034+67	2'-37' RT	216	--	60	1
STAGE 2B:							
1006+85	-	1006+95	10'90' RT	229	474	60	--
STAGE 2B1:							
1005+06	-	1005+11	0'-10' RT	59	--	--	--
1006+79	-	1006+89	10'-22'' RT	124	--	--	--
1006+81	-	1006+86	37'-48' LT	52	--	--	1
1007+01	-	1007+11	32'-76' RT	109	324	--	--
STAGE 2B2:							
1006+80	-	1007+06	91'-108' RT	--	202	--	1
STAGE 3:							
1005+00	-	1005+17	10' LT - 10' RT	115	--	--	--
1006+88	-	1006+94	10' LT - 10' RT	120	--	--	--
STAGE 4A:							
1004+19	-	1004+99	0'-45' LT	736	40	--	1
1007+62	-	1007+68	29'-47' LT	--	--	60	1
STAGE 4C:							
1033+72	-	1033+79	9'-37' LT	168	--	--	1
1034+61	-	1034+67	9'-37' LT	168	--	--	1
STAGE 4C1:							
1042+60	-	1043+71	29'-40' LT	--	56	--	2
1061+45	-	1062+76	29'-60' LT	--	140	--	2
STAGE 4C2:							
1034+62	-	1034+80	9'-40' LT	248	--	--	1
1042+44	-	1042+50	35' LT	--	--	--	1
1047+91	-	1047+97	35' LT	--	--	--	--
STAGE 4C3:							
1042+60	-	1042+66	35' LT	--	--	--	1
1052+06	-	1053+29	37' LT	--	--	--	2
			TOTAL 0010	2793	1236	240	17

TEMPORARY PEDESTRIAN BARRICADE

	STATION	TO	STATION	LOCATION	644.1810.S TEMPORARY PEDESTRIAN BARRICADE LF
STAGE 2A	1005+06	-	1005+20	STH 50 RT	100
STAGE 2A	1006+78	-	1008+04	STH 50 RT	565
STAGE 2B	1005+71	-	1007+20	STH 50 RT	375
STAGE 3	1005+00	-	1005+20	STH 50 R/L	76
STAGE 3	1006+88	-	1006+94	STH R/L	96
STAGE 4A	1004+20	-	1005+00	STH 50 LT	261
STAGE 4A	1006+88	-	1007+68	STH 50 LT	246
STAGE 4B & 4C	1004+72	-	1005+18	STH 50 LT	130
STAGE 4B	1006+88	-	1006+94	STH 50 LT	97
STAGE 4C-1	1033+72	-	1062+77	STH 50 LT	637
STAGE 4C-2	1034+61	-	1047+97	STH 50 LT	966
STAGE 4C-3	1033+72	-	1059+71	STH 50 LT	1,879
				TOTAL 0010	5,428

GEOGRID TYPE SR

STATION	TO	STATION	LOCATION	645.0220 GEOGRID TYPE SR SY	REMARKS
1020+00	-	1030+00	STH 50	8,889	UNDER ROADWAY
102000	-	103000	STH 50, LT	828	UNDER LEFT SIDEWALK
102000	-	103000	STH 50, RT	517	UNDER RIGHT SIDEWALK
			TOTAL 0010	10,235	

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PAVEMENT MARKING

STATION	TO	STATION	LOCATION	646.1020 MARKING LINE EPOXY 4-INCH LF WHITE	646.1020 MARKING LINE EPOXY 4-INCH LF YELLOW	646.1545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH LF WHITE	646.1545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH LF YELLOW	646.3020 MARKING LINE EPOXY 8-INCH LF	646.3545 MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.6220 MARKING YIELD LINE EPOXY 18-INCH EACH	646.7220 MARKING CHEVRON EPOXY 24-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.8120 MARKING CURB EPOXY LF	646.8220 MARKING ISLAND NOSE EPOXY EACH
967+38	-	994+21	STH 50 EB	--	503	675	--	--	129	--	--	--	--	--	--	--	--
978+17	-	994+21	STH 50 WB	--	525	400	--	--	317	--	--	--	--	--	--	--	--
994+21	-	1005+75	STH 50 EB & WB	1,938	--	525	--	--	553	6	3	45	--	--	296	89	3
2+04	-	4+55	CTH F	--	480	--	--	140	--	4	2	39	--	--	190	--	--
1005+75	-	1025+50	STH 50 EB & WB	3,523	1,815	975	--	--	697	12	3	33	--	--	131	39	5
1012+92	-	1013+75	STH 50 LT	--	--	--	--	--	--	--	--	17	--	--	111	--	--
10+41	-	11+51	250TH AVE	--	200	--	--	50	--	2	--	24	--	--	104	--	--
20+40	-	21+38	248TH AVE	--	176	--	--	38	--	2	--	28	--	--	126	--	--
18+50	-	19+60	W SCHOOD DWY	--	212	--	--	--	--	1	--	16	--	--	74	10	1
1013+75	-	1034+25	STH 50 EB & WB	1,510	1,002	375	--	--	123	6	--	33	--	--	260	48	4
38+99	-	39+59	E SCHOOL DWY	--	100	--	--	50	--	2	--	21	--	--	90	--	--
40+42	-	41+12	246TH AVE	--	120	--	--	48	--	2	--	21	--	--	85	--	--
1034+25	-	1047+50	STH 50 EB & WB	2,206	2,001	650	--	--	372	9	1	33	--	--	148	20	2
64+00	-	64+61	244TH AVE	--	101	--	--	50	--	2	--	25	--	--	104	--	--
70+39	-	10+50	243RD AVE	--	--	--	--	--	--	--	--	20	--	--	99	--	--
78+63	-	79+59	242ND AVE	--	172	--	--	86	--	2	--	24	--	--	103	--	--
90+40	-	90+51	74TH PL	--	--	--	--	--	--	--	--	14	--	--	74	--	--
1047+50	-	1068+20	STH 50 EB & WB	3,964	--	1,025	--	--	673	8	4	--	--	--	132	134	7
1068+20		EAST END	STH 50 EB & WB	--	1,165	975	--	--	--	--	-	--	--	--	--	--	--
43+67	-	49+35	STH 83 NB & SB	747	1,109	--	25	485	201	4	2	39	7	30	201	10	1
50+80	-	53+32	STH 75 NB & SB	451	592	--	38	67	163	3	--	37	11	--	203	20	2
			TOTAL 0010	24,612		5,663		1,014	3,228	65	15	469	18	30	2,531	370	25

3

TEMP PAVT MARKING: SHEET 1 OF 2

STATION	TO	STATION	LOCATION	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH LF		649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH LF		649.0205 TEMPORARY MARKING LINE PAINT 8-INCH LF	649.0250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH LF	649.0805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	649.0850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH LF	649.0960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF
STAGE 1A:				WHITE	YELLOW	WHITE	YELLOW					
962+46	-	982+00	STH 50 EB & WB	--	--	--	3,179	--	--	--	--	221
982+00	-	992+84	STH 50 EB & WB	--	--	--	1,913	--	100	--	--	143
1067+50		EAST END	STH 50 EB & WB	--	--	--	4,483	--	--	--	--	247
STAGE 1B:												
982+00	-	999+00	STH 50 EB & WB	--	815	--	1,607	--	--		--	--
999+00	-	1006+00	STH 50 EB & WB	--	1,084	--	--	219	--	23	--	--
1006+00	-	1013+00	STH 50 EB & WB	--	1,280	--	--	346	--	21	--	--
1013+00	-	1017+25	STH 50 EB & WB	--	594	--	--	114	--	--	--	--
1017+25	-	1025+50	STH 50 EB & WB	--	1,481	--	--	125	--	--	--	--
1025+50	-	1034+25	STH 50 EB & WB	--	1,514	--	--	150	--	--	--	--
1034+25	-	1040+00	STH 50 EB & WB	--	963	--	--	300	--	21	--	--
1040+00	-	1043+25	STH 50 EB & WB	--	428	--	--	228	--	--	--	--
1043+25	-	1047+00	STH 50 EB & WB	--	562	--	--	115	--	--	--	--
1047+00	-	1052+50	STH 50 EB & WB	--	622	--	--	640	--	--	--	--
1052+50	-	1062+25	STH 50 EB & WB	--	1,517	--	--	637	--	--	--	--
1062+25		EAST END	STH 50 EB & WB	--	912	--	918	--	--	--	--	26
STAGE 2A:												
967+58	-	982+00	STH 50 EB & WB	--	--	1,423	183	--	100	--	--	52
982+00	-	999+00	STH 50 EB & WB	450	1,774	1,242	1,895	--	125	--	--	--
999+00	-	1006+00	STH 50 EB & WB	587	965	--	--	417	--	23	--	--
1006+00	-	1034+25	STH 50 EB & WB	2,678	6,349	--	--	332	--	46	--	--
1034+25	-	1047+00	STH 50 EB & WB	1,037	3,040	--	--	386	--	23	--	--
1047+00	-	1062+25	STH 50 EB & WB	1,462	3,921	--	--	241	--	--	--	--
1062+25	-	EAST END	STH 50 EB & WB	596	1,515	1,289	1,181	--	--	--	--	26
SOUTH END	-	50+00	STH 83 NB & SB	1,890	--	--	--	83	--	28	--	--
50+00	-	NORTH END	STH 75 NB & SB	129	--	443	255	--	--	--	--	--
1005+00	-	1008+00	STH 50 RT	300	--	--	--	--	--	--	--	--
STAGE 3:												
982+00	-	1034+25	STH 50 EB & WB	625	936	--	6,872	--	422	11	46	199
1035+25	-	1047+00	STH 50 EB & WB	1,161	--	--	1,168	300	100	--	--	--
1047+00	-	1062+25	STH 50 EB & WB	1,420	--	--	1,431	116	150	--	--	--
1062+25	-	1078+00	STH 50 EB & WB	539	--	--	3,787	--	--	--	--	--
SOUTH END	-	49+25	STH 83 NB	--	--	464	920	--	--	--	55	--
50+75	-	53+00	STH 75 SB	444	226	--	--	--	--	46	--	--

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TEMP PAVT MARKING: SHEET 2 OF 2

STATION	TO	STATION	LOCATION	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH LF		649.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH LF		649.0205 TEMPORARY MARKING LINE PAINT 8-INCH LF	649.0250 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH LF	649.0805 TEMPORARY MARKING STOP LINE PAINT 18-INCH LF	649.0850 TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH LF	649.0960 TEMPORARY MARKING REMOVABLE MASK OUT TAPE 6-INCH LF
STAGE 4A:												
967+59	-	999+00	STH 50 EB & WB	470	213	1,304	2,192	--	244	--	--	--
999+00	-	1006+00	STH 50 EB & WB	700	--	--	1,309	--	130	--	33	--
1006+00	-	1022+09	STH 50 EB & WB	505			1,575	--	250	--	23	--
1017+00	-	1022+09	STH 50 EB & WB	--	--	--	--	--		--	--	--
SOUTH END		49+25	STH 83 NB	--	--	--	--	--	1,033	--	--	--
STAGE 4B:												
1001+56	-	1004+92	STH 50 EB LTL	--	--	--	--	--	336	--	--	--
50+70	-	51+80	STH 75 LT	--	--	284	--	--	--	--	--	--
STAGE 4C:												
1018+39	-	1025+50	STH 50 WB	--	--	690	711	--	--	--	--	--
1025+50	-	1033+73	STH 50 WB	--	--	792	1,342	--	--	--	--	--
1034+83	-	1047+25	STH 50 WB	--	--	1,178	2,415	--	300	--	23	--
1047+25	-	1062+25	STH 50 WB	--	--	1,446	2,676	--	100	--	--	--
1062+25	-	WEST END	STH 50 WB	540	420	2,307	2,513	--	--	--	--	169
STAGE 5:												
979+36	-	999+00	STH 50 EB & WB	--	--	--	1,781	--	100	--	--	52
999+00	-	1006+00	STH 50 EB & WB	--	--	--	644	--	130	--	--	--
1006+00	-	1007+00	STH 50 EB & WB	--	--	--	1,119	--	500	--	23	--
1007+00	-	1034+25	STH 50 WB	--	--	--	1,577	--	--	--	--	--
1034+25	-	1047+00	STH 50 WB	--	--	--	1,177	--	200	--	23	--
1047+00	-	1062+25	STH 50 WB	--	--	--	1,439	--	--	--	--	--
1062+25		WEST END	STH 50 WB	--	--	--	2,830	--	--	--	--	169
51+75	-	52+80	STH 75 SB	--	--	123	--	--	--	--	16	--
STAGE 6A-6B:												
48+61	-	49+50	STH 83, 34' RT	--	--	185	--	--	--	--	--	--
50+47	-	51+79	STH 75, 34' LT	--	--	244	--	--	--	--	--	--
			TOTAL 0010	46,664		55,092		4,749	4,320	242	242	1,304

MARKING REMOVAL

STATION	TO	STATION	LOCATION	646.9000 MARKING REMOVAL LINE 4-INCH LF	646.9010 MARKING REMOVAL LINE WATER BLASTING 4-INCH LF	646.9100 MARKING REMOVAL LINE 8-INCH LF	646.9110 MARKING REMOVAL LINE WATER BLASTING 8-INCH LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH	646.9310 MARKING REMOVAL SPECIAL MARKING WATER BLASTING EACH	REMARKS
STAGE 1B:										
1000+75	-	1006+75	STH 50 WB & EB	50	--	--	--	--	--	REMOVE CENTER SKIPS AT LTL TAPERS
1008+75	-	1012+00	STH 50 WB & EB	50	--	--	--	--	--	REMOVE CENTER SKIPS AT LTL TAPERS
1015+00	-	1037+17	STH 50 EB	75	--	--	--	--	--	REMOVE CENTER SKIPS AT LTL TAPERS
1037+87	-	1038+75	STH 50 WB	25	--	--	--	--	--	REMOVE CENTER SKIPS AT LTL TAPERS
1040+75	-	1042+50	STH 50 WB & EB	50	--	--	--	--	--	REMOVE CENTER SKIPS AT LTL TAPERS
1044+60	-	1046+57	STH 50 WB & EB	63	--	--	--	--	--	REMOVE CENTER SKIPS AT LTL TAPERS
STAGE 2A:										
994+00	-	1006+00	STH 50 WB	300	--	100	--	1	1	REMOVE CENTER SKIPS & LTL CHANNELIZE
1006+00	-	1034+25	STH 50 WB	706	--	150	--	--	--	REMOVE CENTER SKIPS & LTL CHANNELIZE
1034+25	-	1047+00	STH 50 WB	319	--	300	--	1	1	REMOVE CENTER SKIPS & LTL CHANNELIZE
1047+00	-	1068+20	STH 50 WB	530	--	100	--	--	--	REMOVE CENTER SKIPS & LTL CHANNELIZE
982+50	-	1072+50	STH 50 WB	--	200	--	100	--	--	
			TOTAL 0010	2168	200	650	100	2	2	

TEMP MARKING CROSSWALK

STAGE	STATION	TO	STATION	LOCATION	649.0105 TEMPORARY MARKING PAINT 4-INCH LF	649.0150 TEMPORARY MARKING REMOVABLE TAPE 4-INCH LF	REMARKS SEE TRAFFIC CONTROL PLANS
STAGE 1B:	1004+80	-	1006+79	STH 50 & STH 75/83 INTERSECTION	682	--	SHEET 27 OF 121
STAGE 1B:	1034+72	-	1032+78	STH 50 & 146TH AVE INTERSECTION	156	--	SHEET 29 OF 121
STAGE 2A:	1006+26	-	1006+54	STH 50 & STH 75/83 INTERSECTION	138	--	SHEET 37 OF 121
STAGE 2A:	1033+74	-	1034+67	STH 50 & 146TH AVE INTERSECTION	52	--	SHEET 39 OF 121
STAGE 2B:	1004+80	-	1006+97	STH 50 & STH 75/83 INTERSECTION	173	--	SHEET 46 OF 121
STAGE 3:	1004+93	-	1006+97	STH 50 & STH 75/83 INTERSECTION	94	--	SHEET 54 OF 121
STAGE 3:	1033+73	-	1034+67	STH 50 & 146TH AVE INTERSECTION	192	--	SHEET 56 OF 121
STAGE 4A:	1004+93	-	1006+97	STH 50 & STH 75/83 INTERSECTION	185	--	SHEET 66 OF 121
STAGE 4B:	1004+85	-	1005+00	STH 50 & STH 75/83 INTERSECTION	--	196	SHEET 78 OF 121
STAGE 4B:	1033+73	-	1034+67	STH 50 & 146TH AVE INTERSECTION	--	72	SHEET 80 OF 121
STAGE 4C:	1034+67	-	1034+67	STH 50 & 146TH AVE INTERSECTION	--	46	SHEET 90 OF 121
STAGE 4C1:	95+15	-	96+51	236TH AVE	--	207	SHEET 101 OF 121
STAGE 4C2:	1042+92	-	1043+41	STH 50 (243RD AVE)	--	94	SHEET 102 OF 121
STAGE 4C2:	1045+96	-	1046+41	STH 50, 14' LT	--	90	SHEET 103 OF 121
STAGE 4C3:	1034+00	-	1034+67	STH 50 & 146TH AVE INTERSECTION	--	132	SHEET 105 OF 121
STAGE 4C3:	1035+05	-	1042+05	STH 50, 13'-19' LT	--	318	SHEET 105 OF 121
STAGE 4C3:	1042+89	-	1043+43	STH 50 (243RD AVE)	--	74	SHEET 105 OF 121
STAGE 4C3:	1047+05	-	1047+46	STH 50 (74TH PL)	--	100	SHEET 106 OF 121
STAGE 4C3:	1052+34	-	1053+04	STH 50, 15'-21' LT	--	140	SHEET 106 OF 121
STAGE 4C3:	1061+84	-	1062+75	STH 50 (236TH AVE)	--	168	SHEET 107 OF 121
				TOTAL 0010	1672	1637	

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TEMP PAVT MARKING-2

STATION	TO	STATION	LOCATION	649.0505 TEMPORARY MARKING ARROW PAINT EACH	649.0550 TEMPORARY MARKING ARROW REMOVABLE TAPE EACH	649.0605 TEMPORARY MARKING WORD PAINT EACH	649.0650 TEMPORARY MARKING WORD REMOVABLE TAPE EACH	649.0905 TEMPORARY MARKING DIAGONAL PAINT 12-INCH LF	REMARKS
STAGE 1B:								--	
1003+89	-	1005+07	STH 50 EB LTL	1	--	1	--	--	LEFT TURN ONLY
1006+55	-	1008+87	STH 50 WB LTL	2	--	1	--	--	LEFT TURN ONLY
1032+16	-	1033+67	STH 50 EB LTL	1	--	1	--	--	LEFT TURN ONLY
1034+87	-	1037+87	STH 50 WB LTL	2	--	1	--	--	LEFT TURN ONLY
STAGE 2A:									
1001+75	-	1004+43	STH 50 EB LTL	2	--	1	--	--	LEFT TURN ONLY
1032+68	-	1033+68	STH 50 EB LTL	1	--	1	--	--	LEFT TURN ONLY
STAGE 2B:									
50+75	-	52+25	STH 75 SB	1	--	1	--	81	RIGHT TURN ONLY
STAGE 3:									
47+00	-	49+25	STH 83 NB	--	2	--	1	--	RIGHT TURN ONLY
50+75	-	53+00	STH 75 SB	1	1	1	--	--	RIGHT TURN ONLY
STAGE 4A:									
1001+75	-	1004+94	STH 50 EB RTL	--	2	--	1	--	RIGHT TURN ONLY
1007+05	-	1009+55	STH 50 EB LTL	--	2	--	1	--	LEFT TURN ONLY
45+00	-	49+25	STH 83 NB LTL	--	--	--	--	--	SEE PERMANENT MARKING
45+00	-	49+13	STH 83 NB RTL	--	2	--	1	--	RIGHT TURN ONLY
STAGE 4B:									
1001+58	-	1004+92	STH 50 EB LTL	--	2	--	1	--	LEFT TURN ONLY
1007+05	-	1009+55	STH 50 WB LTL	--	2	--	1	--	LEFT TURN ONLY
STAGE 4C:								--	
1032+57	-	1033+57	STH 50 EB LTL	--	1	--	1	-	LEFT TURN ONLY
1034+83	-	1037+83	STH 50 WB LTL	--	2	--	1	--	LEFT TURN ONLY
			TOTAL 0010	11	16	8	8	81	

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CONSTRUCTION STAKING STORM SEWER

STRUCTURE NO.	STATION	TO	STATION	LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	REMARKS SEE STORM SEWER PLANS
1A-1C	994+50	-	994+50	STH 50 RT	3	SHEET 1 OF 28
2A-2E	997+71	-	998+34	STH 50 LT & RT	5	SHEET 3 & 4 OF 28
3A-3H	999+76	-	1001+74	STH 50 RT	8	SHEET 3 & 4 OF 28
4A-4G	1004+75	-	1007+38	STH 50 RT	7	SHEET 5 OF 28
6A-6F	1007+50	-	1008+21	STH 50 LT & RT	6	SHEET 6 OF 28
7A-7D	1010+69	-	1011+29	STH 50 LT	4	SHEET 7 OF 28
8A-8J	1010+65	-	1012+25	STH 50 RT	10	SHEET 7 OF 28
10, 10A-10E	1012+91	-	1014+08	STH 50 LT & RT	6	SHEET 8 OF 28
9, 9A-9B	1016+96	-	1017+56	STH 50 LT & RT	3	SHEET 9 OF 28
11, 11A-11B	1020+25	-	1020+25	STH 50 LT & RT	3	SHEET 9 OF 28
12, 12A-12B	1023+00	-	1023+00	STH 50 LT & RT	3	SHEET 11 OF 28
13, 14, 14A	1024+00	-	1024+88	STH 50 LT & RT	3	SHEET 11 OF 28
21, 21A-21D	1026+04	-	1026+21	STH 50 LT & RT	3	SHEET 11 OF 28
23E-23I	1024+21	-	1025+08	STH 50 LT	5	SHEET 12 OF 28
23, 23A-23D	1025+14	-	1025+98	STH 50 LT & RT	5	SHEET 12 OF 28
20, 20A-20D	1027+65	-	1027+90	STH 50 LT & RT	5	SHEET 14 OF 28
19, 19A-19F	1029+21	-	1029+55	STH 50 LT & RT	7	SHEET 14 OF 28
18, 18A-18E	1029+01	-	1029+50	STH 50 LT & RT	6	SHEET 15 OF 28
17, 17A-17B	1031+45	-	1031+45	STH 50 LT & RT	3	SHEET 15 OF 28
16, 16A-16F	1032+59	-	1032+62	STH 50 LT & RT	7	SHEET 15 OF 28
15, 15A-15H	1034+56	-	1034+96	STH 50 LT & RT	9	SHEET 16 OF 28
30, 30A-30E	1039+80	-	1040+31	STH 50 RT	6	SHEET 17&18 OF 28
31, 31A-31B	1041+25	-	1041+65	STH 50 RT	3	SHEET 18 OF 28
32, 32A	1042+96	-	1042+96	STH 50 RT	2	SHEET 18 OF 28
33, 33A	1042+77	-	1042+96	STH 50 LT	2	SHEET 18 OF 28
34	1042+96	-	1042+96	STH 50 LT	1	SHEET 18 OF 28
43, 43A	1045+75	-	1045+75	STH 50 RT	2	SHEET 19&20 OF 28
44-47	1045+75	-	1046+52	STH 50 LT	4	SHEET 19&20 OF 28
40, 40A-40F	1047+30	-	1048+25	STH 50 LT & RT	7	SHEET 19 OF 28
41, 41A-41F	1046+40	-	1047+18	STH 50 RT	7	SHEET 20 OF 28
50A-50E	1052+22	-	1053+06	STH 50 LT & RT	5	SHEET 21 OF 28
60, 60A-60E	1054+82	-	1055+25	STH 50 LT & RT	6	SHEET 21 OF 28
61, 61A-61C	1058+22	-	1058+22	STH 50 LT & RT	4	SHEET 22 OF 28
62-63	1058+22	-	1058+93	STH 50 RT	2	SHEET 22 OF 28
70A-70I, 71	1060+48	-	1060+58	STH 50 LT & RT	10	SHEET 22&23 OF 28
80A-80E, 80	1062+04	-	1063+00	STH 50 LT	6	SHEET 23 OF 28
81A-81B, 81	1062+60	-	1062+88	STH 50 RT	3	SHEET 23 OF 28
82-83	1062+88	-	1062+88	STH 50 RT	2	SHEET 23 OF 28
90A-90G	1065+12	-	1065+22	STH 50 LT & RT	7	SHEET 24 OF 28
110-112	45+95	-	45+99	STH 83 LT & RT	3	SHEET 25 OF 28
4O-4P	1006+57	-	1006+61	STH 50 RT	2	SHEET 26 OF 28
4F-4G, 4R	48+12	-	48+32	STH 83 RT	3	SHEET 26 OF 28
4H-4N, 4S	48+13	-	49+28	STH 83 LT	8	SHEET 26 OF 28
5A-5C, 5M	50+86	-	51+28	STH 75 LT	4	SHEET 27 OF 28
5H, 5L	50+91	-	51+26	STH 75 RT	2	SHEET 27 OF 28
5D-5G	50+91	-	51+42	STH 75 MEDIAN	4	SHEET 27 OF 28
5C, 5G-5K	50+47	-	51+26	STH 75 RT	6	SHEET 27 OF 28
24, 24A-24I	18+86	-	19+20	W SCHOOL DWY	10	SHEET 28 OF 28
101-103	1009+00	-	1009+48	STH 50 FAR RT	3	DRY POND DETAIL
				TOTAL 0010	235	

CONSTRUCTION STAKING ELECTRICLA INSTALLATION (PROJECT) 1310-04-70

STATION	TO	STATION	LOCATION	650.8500 CONSTRUCTION STAKING ELECTRICAL INSTALLATIONS (PROJECT) 1310-04-70 LS
994+20	-	1068+20	PROJECT LIMITS	1
			TOTAL 0010	1

CONTSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 1310-04-70

STATION	TO	STATION	LOCATION	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 1310-04-70 LS	REMARKS
994+20	-	1068+20	STH 50	1	PROJECT LIMITS
			TOTAL 0010	1	

CONSTRUCTION STAKING POND LAYOUT

STATION	LOCATION	SPV.0060.08 CONSTRUCTION STAKING POND LAYOUT EACH
1008+00	STH 50, 100' RT	1
	TOTAL 0010	1

SAWING ASPHALT

STATION	TO	STATION	LOCATION	690.0150 SAWING ASPHALT LF	REMARKS
STAGE 2A:					
3+04	-	3+04	CTH F	34	
1002+21	-	1004+93	STH 50, RT	148	DWY & PARKING LOT
1017+00	-	1017+37	STH 50, 78' RT	37	DRIVEWAY
1025+67	-	1025+78	STH 50, 130' RT	24	WEST SCHOOL DWY
1033+85	-	1034+47	STH 50, 75' RT	65	EAST SCHOOL DWY
1035+52	-	1036+51	STH 50, RT	118	DWY & PARKING LOT
1037+02	-	1039+86	STH 50, RT	310	DWY & PARKING LOT
1039+88	-	1040+29	STH 50, 68' RT	41	244TH AVE
1040+44	-	1045+69	STH 50, RT	218	4 DRIVEWAYS
1046+59	-	1047+16	STH 50, RT	100	DWY & 242ND AVE
1048+07	-	1055+55	STH 50, RT	83	3 DRIVEWAYS
STAGE 2B & 4A:					
44+68	-	44+68	STH 83	55	SAWING EXISTING HMA OVERLAY
51+42	-	51+42	STH 75, 10' RT	24	SAWING EXISTING HMA OVERLAY
51+90	-	51+90	STH 75, 10' LT	24	SAWING EXISTING HMA OVERLAY
STAGE BB & 4C:					
995+81	-	1002+53	STH 50, LT	117	3 DRIVEWAYS
1013+06	-	1013+62	STH 50, 66' LT	43	STRIP MALL DWY
1015+39	-	1015+79	STH 50, 63' LT	40	TACO BELL'S DWY
1017+02	-	1017+38	STH 50, 91' LT	37	250TH AVE
1018+62	-	1023+42	STH 50, LT	187	5 DRIVEWAYS
1023+65	-	1025+32	STH 50, 55' LT	171	SAWING EXISTING PARKING LOT
1025+34	-	1025+86	STH 50, 68' LT	52	248TH AVE
1026+50	-	1027+41	STH 50, 58.5' LT	91	DWY & PARKING LOT
1027+64	-	1029+36	STH 50, 70' LT	174	DWY & PARKING LOT
1029+53	-	1030+97	STH 50, 64' LT	163	DWY & PARKING LOT
1031+04	-	1032+97	STH 50, 60' LT	204	DWY & PARKING LOT
1034+09	-	1034+44	STH 50, 100' LT	35	250TH AVE
1034+54	-	1034+54	STH 50, 55'-101' LT	46	DWY & PARKING LOT
1034+78	-	1036+36	STH 50, 53' LT	166	DWY & PARKING LOT
1037+61	-	1042+04	STH 50, LT	151	5 DRIVEWAYS
1042+99	-	1043+34	STH 50, 85' LT	36	243RD AVE
1045+97	-	1046+44	STH 50, 56' LT	48	1 DRIVEWAY
1046+96	-	1047+38	STH 50, 70' LT	52	74TH PL & DWY
1053+27	-	1053+08	STH 50, 69' LT	114	PARK DWY & PARKING LOT
1062+05	-	1062+47	STH 50, 125' LT	42	236TH AVE
1064+64	-	1067+93	STH 50, LT	60	3 DRIVEWAYS
994+20	-	1068+20	UNDISTRIBUTED	330	ADD 10%
			TOTAL 0010	3,640	

SAWING CONCRETE

STATION	TO	STATION	LOCATION	690.0250 SAWING CONCRETE LF	REMARKS
STAGES 1A & 1B:					
986+45	-	988+30	STH 50 MEDIAN	241	REMOVE MEDIAN CURB & GUTTER
989+01	-	990+00	STH 50 MEDIAN	105	REMOVE MEDIAN CURB & GUTTER
996+38	-	998+52	STH 50 MEDIAN	286	REMOVE PARTIAL MEDIAN ISLAND
999+67	-	1002+17	STH 50 MEDIAN	520	REMOVE MEDIAN ISLAND
1002+67	-	1005+31	STH 50 MEDIAN	549	REMOVE MEDIAN ISLAND
1006+31	-	1007+87	STH 50 MEDIAN	332	REMOVE MEDIAN ISLAND
1008+31	-	1010+85	STH 50 MEDIAN	260	REMOVE MEDIAN ISLAND
1032+98	-	1033+99	STH 50 MEDIAN	196	REMOVE MEDIAN ISLAND
1034+62	-	1036+01	STH 50 MEDIAN	296	REMOVE MEDIAN ISLAND
1047+58	-	1050+96	STH 50 MEDIAN	693	REMOVE MEDIAN ISLAND
1057+82	-	1061+91	STH 50 MEDIAN	630	REMOVE PARTIAL MEDIAN ISLAND
1062+54	-	1064+51	STH 50 MEDIAN	259	REMOVE PARTIAL MEDIAN ISLAND
1071+35	-	1071+88	STH 50 MEDIAN	80	REMOVE MEDIAN CURB & GUTTER
STAGES 2A:					
994+20	-	994+20	STH 50 EB LANES	29	CONSTRUCT STH 50 EB LANES
998+82	-	1000+03	STH 50 MEDIAN & RT	131	CONSTRUCT STH 50 EB LANES
1002+07	-	1005+22	STH 50 MEDIAN & RT	249	CONSTRUCT STH 50 EB LANES
1005+08	-	1005+32	STH 50, 34' LT	73	REMOVE SAFETY ISLAND
1006+33	-	1006+88	STH 50, 34' RT	78	REMOVE SAFETY ISLAND
45+02	-	49+02	STH 83 RT	410	CONSTRUCT STH 83 NB RTL
1007+87	-	1034+62	STH 50 4' RT	2,675	CONSTRUCT STH 50 EB LANES
1020+21	-	1020+29	STH 50	74	STORM SEWER WORK
1022+96	-	1023+04	STH 50	74	STORM SEWER WORK
1025+08	-	1025+16	STH 50	74	STORM SEWER WORK
1029+54	-	1029+62	STH 50	74	STORM SEWER WORK
2032+57	-	1032+65	STH 50	74	STORM SEWER WORK
1034+67	-	1034+75	STH 50	74	STORM SEWER WORK
1036+01	-	1047+58	STH 50 4' RT	1,157	CONSTRUCT STH 50 EB LANES
1042+92	-	1043+00	STH 50	112	STORM SEWER WORK
1050+21	-	1065+00	STH 50 4' RT	1,489	CONSTRUCT STH 50 EB LANES
1068+20	-	1068+70	STH 50 EB LANES	88	CONSTRUCT STH 50 EB LANES
1002+20	-	1033+85	STH 50 RT	17	SAWING CURB AND GUTTER
STAGES 2B:					
46+19	-	48+08	STH 83 MEDIAN	219	CONSTRUCT STH 83 NB LTL & SB LANES
47+68	-	47+68	STH 83 NB LANES	18	CONSTRUCT STH 83 NB LANES
STAGES 3:					
998+70	-	1018+50	STH 50, 19' LT	1,998	CONSTRUCT MEDIAN
1018+85	-	1020+66	STH 50 MEDIAN	277	CONSTRUCT TEMP CROSSOVER
STAGES 4A:					
51+42	-	53+32	STH 75, NB LANES	226	CONSTRUCT NB LANES
51+90	-	53+32	STH 75, SB LANES	179	CONSTRUCT SB LANES
1003+42	-	1003+42	STH 50 WB LANES	29	CONSTRUCT STH 75 & STH 50
1007+00	-	1007+00	STH 50 WB LANES	29	CONSTRUCT STH 75 & STH 50
STAGES 4B & 4C:					
994+20	-	994+20	STH 50 WB LANES	29	CONSTRUCT MEDIAN
995+92	-	1062+49	STH 50 LT	35	SAWING CURB AND GUTTER
1003+42	-	1003+42	STH 50 WB LANES	29	CONSTRUCT MEDIAN
1021+20	-	1055+41	STH 50, 7' LT	3,518	CONSTRUCT MEDIAN
			TOTAL 0010	17,985	

3

CONCRETE CG SPECIALS

STATION	TO	STATION	LOCATION	SPV.0090.01 CONCRETE CURB & GUTTER 12-INCH TYPE D LF	SPV.0090.02 CONCRETE CURB & GUTTER 12-INCH PAN 24-INCH TYPE D LF	SPV.0090.03 CONCRETE CURB & GUTTER 18-INCH PAN 24-INCH LF	SPV.0090.04 CONCRETE CURB & GUTTER 66-INCH TYPE A LF	SPV.0090.05 CONCRETE CURB & GUTTER 4-INCH SLOPED 72-INCH TYPE A LF	SPV.0090.06 CONCRETE CURB & GUTTER 9-INCH PAN 18-INCH TYPE D LF	SPV.0090.07 PARKING LOT CURB LF	650.5500* CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	REMARKS SEE PLAN DETAIL
994+20	-	997+00	STH 50	--	--	--	560	--	--	--	560	SHEET 2 OF 19
997+00	-	1003+00	STH 50	--	--	31	863	--	--	--	894	SHEET 3 OF 19
1003+00	-	1009+00	STH 50	--	--	--	524	84	--	39	647	SHEET 4 OF 19
1009+00	-	1015+00	STH 50	--	--	--	1,092	--	--	--	1,092	SHEET 6 OF 19
1015+00	-	1021+00	STH 50	--	--	--	1,129	--	33	--	1,162	SHEET 7 OF 19
1021+00	-	1027+00	STH 50	--	--	--	1,029	--	--	--	1,029	SHEET 8 OF 19
1027+00	-	1033+00	STH 50	--	--	--	1,200	--	--	143	1,343	SHEET 9 OF 19
1033+00	-	1039+00	STH 50	5	10	--	1,089	--	--	128	1,232	SHEET 10 OF 19
1039+00	-	1045+00	STH 50	--	--	--	1,066	--	--	--	1,066	SHEET 11 OF 19
1045+00	-	1051+00	STH 50	--	--	--	1,071	--	--	--	1,071	SHEET 12 OF 19
1051+00	-	1057+00	STH 50	--	--	--	1,200	--	--	--	1,200	SHEET 13 OF 19
1057+00	-	1063+00	STH 50	--	--	--	1,049	--	--	--	1,049	SHEET 14 OF 19
1063+00	-	1068+20	STH 50	--	--	--	1,142	--	--	--	1,142	SHEET 15 OF 19
			TOTAL 0010	5	10	31	13,014	84	33	310	13,487	

NOTE:
*ADDITIONAL QUANTITY SHOWN ELSEWHERE IN PLANS. SEE CONCRETE CURB & GUTTER MISCELLANEOUS QUANTITY TABLE.

3

SECTION CORNER MONUMENTS

STATION	LOCATION	SPV.0060.06 SECTION CORNER MONUMENTS EACH	REMARKS
999+20	STH 50, 10' LT	1	SEC N-10-1-20
1025+73	STH 50, 7' LT	1	SEC SW-2-1-20
1052+06	STH 50, 7' LT	1	SEC S-2-1-20
	TOTAL 0010	3	

3

TEMP PIPE CONNECTIONS

STATION	LOCATION	SPV.0060.09 TEMPORARY PIPE CONNECTION 12-INCH EACH	SPV.0060.10 TEMPORARY PIPE CONNECTION 15-INCH EACH	SPV.0060.11 TEMPORARY PIPE CONNECTION 18-INCH EACH	SPV.0060.12 TEMPORARY PIPE CONNECTION 21-INCH EACH	SPV.0060.13 TEMPORARY PIPE CONNECTION 24-INCH EACH
STAGE 2A:						
977+71	STH 50, 10' RT	1	--	--	--	--
1006+54	STH 50, 40' RT	--	1	--	--	--
1008+22	STH 50, 10' RT	1	--	--	--	--
1013+74	STH 50, 1' LT	--	--	1	--	--
1031+00	STH 50, 7' RT	1	--	--	--	--
1045+75	STH 50, 7' RT	--	--	1	--	--
1052+20	STH 50, 7' RT	1	--	--	--	--
1055+09	STH 50, 9' RT	--	1	--	--	--
1058+21	STH 50, 9' RT	1	--	--	--	--
1060+61	STH 50, 9' RT	1	--	--	--	--
1062+87	STH 50, 9' RT	--	--	--	--	1
1065+12	STH 50, 9' RT	--	--	1	--	--
STAGE 3:						
997+74	STH 50, 10' LT	1	--	--	--	--
1008+22	STH 50, 10' LT	1	--	--	--	--
1013+80	STH 50, 10' LT	--	--	1	--	--
STAGE 4B:						
1031+00	STH 50, 7' LT	1	--	--	--	--
1045+75	STH 50, 7' LT	--	--	--	1	--
1052+20	STH 50, 9' LT	1	--	--	--	--
1054+98	STH 50, 9' LT	1	--	--	--	--
1058+21	STH 50, 9' LT	1	--	--	--	--
1060+61	STH 50, 9' LT	1	--	--	--	--
1062+93	STH 50, 10' LT	--	--	--	--	1
1065+12	STH 50, 10' LT	--	1	--	--	--
	TOTAL 0010	13	3	4	1	2

3

WOOD PEDESTRIAN FENCE

STATION	TO	STATION	LOCATION	SPV.0090.08 WOOD PEDESTRIAN FENCE LF
1000+21	-	1001+73	STH 50, 51' LT	152
			TOTAL 0010	152

JOINT AND CRACK REPAIR SPECIAL

STATION	TO	STATION	LOCATION	SPV.0195.01 JOINT AND CRACK REPAIR SPECIAL TON	REMARKS
4468	-	4808	STH 83 SB LANES	10	SEE NOTE 1
4468	-	4768	STH 83 NB LANES	10	SEE NOTE 1
			TOTAL 0010	20	

NOTE 1:
EXACT LOCATIONS TO BE DETERMINED BY THE FIELD ENGINEER AFTER MILLING EXISTING ASPHALTIC PAVEMENT.

PROOF ROLLING EXISTING SUBGRADE

STATION	TO	STATION	LOCATION	SPV.0170.01 PROOF ROLLING EXISTING SUBGRADE STA
99400	-	106900	STH 50 ROADBED	75
			TOTAL 0010	75

REMOVEAL AND DISPOSAL OF INVASIVE SPECIES

STATION	TO	STATION	LOCATION	SPV.0170.02 REMOVEAL AND DISPOSAL OF INVASIVE SPECIES STA	REMARKS
1007+00	-	1010+00	STH 50, 70' RT	3	REMOVE ALL WITHIN WISDOT RIGHT OF WAY
			TOTAL 0010	3	

3

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
1	J4-2(3)		72	X	54	27.000	--	--	2	--	--	--	--	
	M3-2		36	x	18									
	M1-6	WIS 50	36	x	36									
	M3-3		36	x	18									
	M1-6	WIS 83	36	x	36									
2	R2-1(3)	SPEED LIMIT 55	36	X	48	12.000	--	--	1	--	--	--	--	--
3	R2-1(3)	SPEED LIMIT 35	36	X	48	12.000	--	--	1	--	--	--	--	--
4	R5-1A(2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING WEST
5	R2-1(3)	SPEED LIMIT 35	36	X	48	12.000	--	--	1	--	--	--	--	--
6	J1-1(2M)	--	24	X	39	6.500	--	--	1	--	--	--	--	--
	M2-1	--	21	x	15									
	M1-6	WIS 75	24	x	24									
7	J1-1(2M)	--	24	X	39	6.500	--	--	1	--	--	--	--	--
	M2-1	--	21	x	15									
	M1-6	WIS 75	24	x	24									
8	J1-1(2M)	--	24	X	39	6.500	--	--	1	--	--	--	--	SHEET 2 OF 20
	M2-1	--	21	x	15									
	M1-5A	COUNTY F	24	x	24									
9	W5-52R(2M)	--	12	X	36	--	3.000	--	1	--	--	--	--	--
10	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
11	J2-3(2M)	--	72	X	57	28.500	--	--	2	--	--	--	--	--
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
	M5-1L		21	x	21									
	M3-2		24	x	12									
	M1-6	WIS 50	24	x	24									
	M6-1		21	x	21									
	M3-3		24	x	12									
	M1-6	WIS 83	24	x	24									
	M5-1R		21	x	21									

3

SHEET 1 OF 16

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
12	J2-3(2M)	--	72	X	57	28.500	--	--	2	--	--	--	--	--
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
	M5-1L		21	x	21									
	M3-2		24	x	12									
	M1-6	WIS 50	24	x	24									
	M6-1		21	x	21									
	M3-3		24	x	12									
	M1-6	WIS 83	24	x	24									
	M5-1R		21	x	21									
13	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
14	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	--	--	--	--	13	MOUNT ON BACK OF SIGN NO. 13
15	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
16	R5-1A(2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	SHEET 3 OF 20; MOUNT FACING EAST
17	I2-3	PADDOCK LAKE POPULATION 2992	66	X	18	8.250	--	--	--	2	--	--	--	--
18	J3-1(2M)	--	24	X	45	7.500	--	--	1	--	--	--	--	--
	M1-5A	COUNTY F	24	x	24									
	M6-1	--	21	x	21									
19	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	18	MOUNT ON BACK OF SIGN NO. 18
20	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
21	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
22	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
23	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING WEST
24	I55-56	ADOPT A HIGHWAY	--	--	--	--	--	--	--	--	--	1	23	MOUNT ON BACK OF SIGN NO. 23
25	J3-1(2M)	--	24	X	45	7.500	--	--	1	--	--	--	--	--
	M1-5A	COUNTY F	24	x	24									
	M6-1	--	21	x	21									
26	R5-1A (2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING WEST
26A	R5-1A (2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING EAST
27	J1-1(2M)	--	24	X	39	6.500	--	--	--	--	--	--	26	MOUNT ON BACK OF SIGN NO. 26
	M2-1		21	x	15									
	M1-5A	COUNTY F	24	x	24									
28	R6-3A(2S)	--	30	X	24	5.000	--	--	--	--	--	--	29	MOUNT BELOW SIGN NO. 29
29	R1-1(2M)	--	36	X	36	7.460	--	--	1	--	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
30	JV3-1(2M)	--	24	X	69	11.500	--	--	1	--	--	--	--	--
	M1-6	WIS 50	24	x	24									
	M1-6	WIS 83	24	x	24									
	M6-4		21	x	21									
31	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
32	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
33	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
34	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
35	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	SHEET 4 OF 20
36	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
37	JV4-1(2M)	--	24	X	72	12.000	--	--	1	--	--	--	--	--
	M3-4		24	x	12									
	M1-6	WIS 50	24	x	24									
	M3-1		24	x	12									
	M1-6	WIS 83	24	x	24									
38	J3-1(2M)	--	24	X	57	9.500	--	--	1	--	--	--	--	--
	M3-3		24	x	12									
	M1-6	WIS 83	24	x	24									
	M6-1		21	x	21									
39	J3-1(2M)	--	24	X	57	9.500	--	--	1	--	--	--	--	--
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
	M6-1		21	x	21									
40	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING EAST
41	R6-2L(2M)	--	30	X	36	7.500	--	--	1	--	--	--	--	--
42	R4-7(2M)	--	24	X	30	5.000	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
43	R6-3(2S)	--	30	X	24	5.000	--	--	--	--	--	--	44	MOUNT ABOVE SIGN NO. 44
44	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
45	M1-94S	WIS 83 ANTIOCH RD	102	X	18	12.750	--	--	--	--	--	--	--	MOUNT ON MAST ARM
46	R4-7(2M)	--	24	X	30	5.000	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
47	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
48	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
49	M1-94S	WIS 83 ANTIOCH RD	102	X	18	12.750	--	--	--	--	--	--	--	MOUNT ON MAST ARM
50	R6-3(2S)	--	30	X	24	5.000	--	--	--	--	--	--	51	MOUNT ABOVE SIGN NO. 51
51	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
52	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	53	MOUNT ON BACK OF SIGN NO. 53
53	J3-4(2M)	--	96	X	57	38.000	--	--	2	--	--	--	--	--
	M3-3		24	x	12									
	M1-6	WIS 83	24	x	24									
	M6-1		21	x	21									
	M3-4		24	x	12									
	M1-6	WIS 50	24	x	24									
	M6-1		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 83	24	x	24									
	M6-1		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
	M6-1		21	x	21									
54	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	46	MOUNT ON POLE ON BACK OF NO. 46
55	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
56	R6-2L(2M)	--	30	X	36	7.500	--	--	1	--	--	--	--	--
57	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	42	MOUNT ON POLE ON BACK OF NO.42
58	J4-1(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	SHEET 5 OF 20
	M3-2		24	x	12									
	M1-6	WIS 50	24	x	24									
59	R5-1A (2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING WEST
60	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	59	MOUNT ON BACK OF SIGN NO. 59
61	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
62	D1-3	LAKE GENEVA/SALEM/BURLINGTON	54	X	36	13.500	--	--	--	2	--	--	--	--
63	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
64	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
65	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
66	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X x	H [IN.]	**637.2210** SIGNS TYPE II REFLC H [SF]	**637.2230** SIGNS TYPE II REFLC F [SF]	**637.2215** SIGNS TYPE II REFLC H FOLDING [SF]	**634.0618** POSTS WOOD 4"X 6"X18' [EA]	**634.0622** POSTS WOOD 4"X6"X22' [EA]	**634.0814** POSTS TUBULAR STEEL 2"X2"X14' [EA]	**638.2102** MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
67	J2-4(2M)	--	96	X	57	38.000	--	--	2	--	--	--	--	--
	M3-3		24	x	12									
	M1-6	WIS 83	24	x	24									
	M5-1L		21	x	21									
	M3-4		24	x	12									
	M1-6	WIS 50	24	x	24									
	M6-1		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 83	24	x	24									
	M6-1		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
	M5-1R		21	x	21									
68	R3-53R(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
69	R1-1(2M)	--	36	X	36	7.460	--	--	1	--	--	--	--	--
70	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING WEST
71	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	--	--	--	--	70	MOUNT ON BACK OF SIGN NO. 70
72	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	
73	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	
74	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	
75	NOT USED													
76	NOT USED													
77	NOT USED													
78	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	SHEET 6 OF 20
79	R4-7(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	SHEET 5 OF 20
80	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	SHEET 6 OF 20
81	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	
82	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	
83	D1-1	250TH AVE [LA]	60	X	24	10.000	--	--	--	2	--	--	--	SHEET 5 OF 20
84	JV1-1(2M)	--	24	X	63	10.500	--	--	1	--	--	--	--	SHEET 6 OF 20
	M2-1		21	x	15									
	M1-6	WIS 75	24	x	24									
	M1-6	WIS 83	24	x	24									

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X x	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
85	R4-7(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
86	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	SHEET 5 OF 20
87	R3-2	--		--		--	--	--	1	--	--	1	--	SHEET 6 OF 20
88	R1-1(2M)	--	36	X 36		7.460	--	--	1	--	--	--	--	
89	R5-1(2M)	--	36	X 36		9.000	--	--	1	--	--	--	--	MOUNT FACING EAST
90	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
91	R3-9D(2M)	--	24	X 6		1.000	--	--	--	--	--	--	90	MOUNT ABOVE SIGN NO. 90
92	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
93	R3-9C(2M)	--	24	X 6		1.000	--	--	--	--	--	--	92	MOUNT ABOVE SIGN NO. 92
94	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	--
95	S5-2(2M)	--	24	X 30		5.000	--	--	--	--	--	--	94	MOUNT BELOW SIGN NO. 94
96	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
97	D1-1	250TH AVE [RA]	60	X 24		10.000	--	--	--	2	--	--	--	--
98	S4-51(2M)	SCHOOL SPEED LIMIT 25	24	X 48		--	8.000	--	1	--	--	--	--	--
99	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	SHEET 7 OF 20
100	D1-63	248TH AVE NEXT INTERSECTION	60	X 27		11.250	--	--	--	2	--	--	--	--
101	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	
102	R3-9D(2M)	--	24	X 6		1.000	--	--	--	--	--	--	99	MOUNT ABOVE SIGN NO. 99
103	R5-1(2M)	--	36	X 36		9.000	--	--	1	--	--	--	--	MOUNT FACING NORTH
104	R3-2(2S)	--	24	X 24		4.000	--	--	--	--	--	--	103	MOUNT ON BACK OF SIGN NO. 103
105	R1-1(2M)	--	36	X 36		7.460	--	--	1	--	--	--	--	--
106	R3-53R(2S)	--	24	X 30		5.000	--	--	--	--	--	--	105	MOUNT BELOW SIGN NO. 105
107	R5-1(2M)	--	36	X 36		9.000	--	--	1	--	--	--	--	--
108	R5-1(2M)	--	36	X 36		9.000	--	--	1	--	--	--	--	MOUNT FACING WEST
109	R4-7(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
110	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	--
111	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
112	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
113	R1-1(2M)	--	36	X 36		7.460	--	--	1	--	--	--	--	--
114	R3-9C(2M)	--	24	X 6		1.000	--	--	--	--	--	--	112	MOUNT ABOVE SIGN NO. 112
115	NOT USED													

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
116	S1-1	--	--			--	--	--	--	--	--	1	--	MOUNT IN MEDIAN; SEE SEPARATE QTYS. FOR RRFB ASSEMBLY
117	NOT USED													
118	S16-7R	--	--			--	--	--	--	--	--	1	116	MOUNT BELOW RRFB IN MEDIAN
119	NOT USED													
120	S1-1	--	--			--	--	--	--	--	--	1	--	MOUNT IN MEDIAN; SEE SEPARATE QTYS. FOR RRFB ASSEMBLY
121	NOT USED													
122	S16-7R	--	--			--	--	--	--	--	--	1	120	MOUNT BELOW RRFB IN MEDIAN
123	R3-2(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	SHEET 8 OF 20
124	R3-9B(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
125	R3-9C(2M)	--	24	X	6	1.000	--	--	--	--	--	--	124	MOUNT ABOVE SIGN NO. 124
126	D1-63	248TH AVE NEXT INTERSECTION	60	X	27	11.250	--	--	--	2	--	--	--	--
127	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
128	R5-1A(2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING EAST
129	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
130	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
131	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
132	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	124	MOUNT ON BACK OF SIGN NO. 124
133	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
134	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
135	D1-65	246TH AVE NEXT SIGNAL	60	X	21	8.750	--	--	--	2	--	--	--	--
136	R3-9B(2M)	--	24	X	36	6.000	--	--	--	--	--	--	128	MOUNT ON BACK OF SIGN NO. 128
137	R3-9D(2M)	--	24	X	6	3.880	--	--	--	--	--	--	136	MOUNT ABOVE SIGN NO. 136
138	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	
139	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING WEST
140	R3-9B(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	
141	R3-9D(2M)	--	24	X	6	1.000	--	--	--	--	--	--	140	MOUNT ABOVE SIGN NO. 140
142	R3-9B(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
143	R3-9C(2M)	--	24	X	6	1.000	--	--	--	--	--	--	142	MOUNT ABOVE SIGN NO. 142
144	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE; SHEET 9 OF 20
145	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
146	M1-94S	WIS 50 75TH ST	78	X	18	9.750	--	--	--	--	--	--	--	MOUNT ON MAST ARM
147	R6-3(2S)	--	30	X	24	5.000	--	--	--	--	--	--	148	MOUNT ABOVE SIGN NO. 148
148	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
149	R6-2L(2M)	--	30	X	36	7.500	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
150	M1-94H	246TH AVE	72	X	18	9.000	--	--	--	--	--	--	--	MOUNT ON MAST ARM
151	R4-7(2M)	--	24	X	30	5.000	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
152	R6-3(2S)	--	30	X	24	5.000	--	--	--	--	--	--	153	MOUNT ABOVE SIGN NO. 153
153	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
154	M1-94S	WIS 50 75TH ST	78	X	18	9.750	--	--	--	--	--	--	--	MOUNT ON MAST ARM
155	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
156	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	151	MOUNT ON BACK OF SIGN NO. 151
157	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	155	MOUNT ON BACK OF SIGN NO. 155
158	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	
159	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	
160	R5-1A(2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING WEST
161	S4-51(2M)	SCHOOL SPEED LIMIT 25	24	X	48	--	8.000	--	--	--	--	--	160	MOUNT ON BACK OF SIGN NO. 160
162	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	
163	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	
164	R4-7(2M)	--	24	X	30	5.000	--	--	--	--	--	--	144	MOUNT ON BACK OF SIGN NO. 144
165	M1-94H	246TH AVE	72	X	18	9.000	--	--	--	--	--	--	--	MOUNT ON MAST ARM
166	R6-2L(2M)	--	30	X	36	7.500	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
167	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	145	MOUNT ON BACK OF SIGN NO. 145
168	S1-1(2M)	--	36	X	36	--	6.750	--	1	--	--	--	--	--
169	S16-7L(2M)	--	30	X	18	--	3.750	--	--	--	--	--	168	MOUNT BELOW SIGN NO. 168
170	S1-1(2M)	--	36	X	36	--	6.750	--	1	--	--	--	--	--
171	S16-7L(2M)	--	30	X	18	--	3.750	--	--	--	--	--	170	MOUNT BELOW SIGN NO. 170
172	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
173	NOT USED													
174	NOT USED													

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
175	R1-1(2M)	--	36	X 36		7.460	--	--	1	--	--	--	--	SHEET 10 OF 20
176	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
177	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	--
178	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	--
179	S5-2(2M)	--	24	X 30		5.000	--	--	--	--	--	--	178	MOUNT BELOW SIGN NO. 178
180	R1-1(2M)	--	36	X 36		7.460	--	--	1	--	--	--	--	--
181	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
182	W11-2(2M)	--	36	X 36		--	9.000	--	--	--	--	--	--	SEE MISC.QTYS. FOR RRFB ASSEMBLY
183	W16-9P(2M)	--	30	X 18		--	3.750	--	--	--	--	--	182	MOUNT BELOW RRFB
184	R4-7(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
185	W5-54(2M)	--	18	X 18		--	2.250	--	--	--	--	--	184	MOUNT BELOW SIGN NO. 184 AT 4 FT. HT.
186	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
186A	R3-9D(2M)	--	24	X 6		1.000	--	--	--	--	--	--	186	MOUNT ABOVE SIGN NO. 186
187	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
188	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
188A	R3-9C(2M)	--	24	X 6		1.000	--	--	--	--	--	--	188	MOUNT ABOVE SIGN NO. 188
189	NOT USED													
190	D1-65	246TH AVE NEXT SIGNAL	60	X 21		8.750	--	--	--	2	--	--	--	--
191	R4-7(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	SHEET 11 OF 20
192	W5-54(2M)	--	18	X 18		--	2.250	--	--	--	--	--	191	MOUNT BELOW SIGN NO. 191 AT 4 FT. HT.
193	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	--
194	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	--
195	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	--	--	--	--	194	MOUNT ON BACK OF SIGN NO. 194
196	R2-1(2M)	SPEED LIMIT 35	30	X 36		7.500	--	--	1	--	--	--	--	--
197	R3-20L(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
198	R3-20L(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
199	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
200	R7-1D(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
201	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
201A	R3-9C(2M)	--	24	X 6		1.000	--	--	--	--	--	--	201	MOUNT ABOVE SIGN NO. 201
202	R3-9B(2M)	--	24	X 36		6.000	--	--	1	--	--	--	--	--
202A	R3-9D(2M)	--	24	X 6		1.000	--	--	--	--	--	--	202	MOUNT ABOVE SIGN NO. 202

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
203	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
204	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
205	R1-1(2M)	--	36	X	36	7.460	--	--	1	--	--	--	--	--
206	R1-1(2M)	--	36	X	36	7.460	--	--	1	--	--	--	--	--
207	R7-1D(2S)	--	18	X	24	3.000	--	--	1	--	--	--	--	--
208	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING WEST
209	R5-1A(2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING WEST
210	W11-2(2M)	--	36	X	36	--	9.000	--	--	--	--	--	--	SHEET 12 OF 20; SEE MISC. QTYS. FOR RRFB ASSEMBLY
211	W16-9P(2M)	--	30	X	18	--	3.750	--	--	--	--	--	210	MOUNT BELOW RRFB
212	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
213	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
214	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
215	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
216	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
217	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	SHEET 13 OF 20
218	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
219	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
220	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	--	--	--	--	218	MOUNT ON BACK OF SIGN NO. 218
221	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
222	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
223	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
224	D1-63	236TH AVE NEXT INTERSECTION	60	X	27	11.250	--	--	--	2	--	--	--	--
225	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
226	I55-56	ADOPT A HIGHWAY	--	--	--	--	--	--	1	--	--	1	--	SHEET 14 OF 20
227	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
228	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
229	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
230	D1-63	236TH AVE NEXT INTERSECTION	60	X	27	11.250	--	--	--	2	--	--	--	--
231	R1-1(2M)	--	36	X	36	7.460	--	--	1	--	--	--	--	--
232	R6-3A(2S)	--	30	X	24	5.000	--	--	--	--	--	--	231	MOUNT BELOW SIGN NO. 231

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
233	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
234	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
235	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
236	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
237	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
238	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
239	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	--	--	--	--	228	MOUNT ON BACK OF SIGN NO. 228
240	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	SHEET 15 OF 20
241	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	1	--	--	--	--	--
242	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
243	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
244	I2-3	PADDOCK LAKE POPULATION 2992	66	X	18	8.250	--	--	--	2	--	--	--	--
245	J4-1(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
	M3-2		24	x	12									
	M1-6	WIS 50	24	x	24									
246	R2-1(3)	SPEED LIMIT 35	36	X	48	12.000	--	--	1	--	--	--	--	--
247	R2-1(3)	SPEED LIMIT 35	36	X	48	12.000	--	--	1	--	--	--	--	--
248	R2-1(3)	SPEED LIMIT 55	36	X	48	12.000	--	--	1	--	--	--	--	--
249	R2-1(3)	SPEED LIMIT 55	36	X	48	12.000	--	--	1	--	--	--	--	--
250	W3-5(3)	SPEED LIMIT 35	36	X	36	--	9.000	--	1	--	--	--	--	SHEET 16 OF 20
251	W3-5(3)	SPEED LIMIT 35	36	X	36	--	9.000	--	1	--	--	--	--	--
252	R4-7(3)	--	36	X	48	12.000	--	--	1	--	--	--	--	--
253	R4-7(3)	--	36	X	48	12.000	--	--	1	--	--	--	--	--
254	W6-1(2S)	--	36	X	36	--	9.000	--	1	--	--	--	--	SHEET 17 OF 20
255	W3-3(2S)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
256	W14-3(2S)	--	48	X	36	--	5.560	--	--	--	--	--	255	MOUNT ON BACK OF OF SIGN NO. 255
257	R7-1D(2S)	--	18	X	24	3.000	--	--	1	--	--	--	--	--
258	R7-1D(2S)	--	18	X	24	3.000	--	--	1	--	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X x	H [IN.]	**637.2210** SIGNS TYPE II REFLC H [SF]	**637.2230** SIGNS TYPE II REFLC F [SF]	**637.2215** SIGNS TYPE II REFLC H FOLDING [SF]	**634.0618** POSTS WOOD 4"X 6"X18' [EA]	**634.0622** POSTS WOOD 4"X6"X22' [EA]	**634.0814** POSTS TUBULAR STEEL 2"X2"X14' [EA]	**638.2102** MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
259	J2-4(2S)	--	96	X	57	38.000	--	--	2	--	--	--	--	--
	M3-4		24	x	12									
	M1-6	WIS 50	24	x	24									
	M5-1L		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 83	24	x	24									
	M5-1L		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
	M6-1		21	x	21									
	M3-2		24	x	12									
	M1-6	WIS 50	24	x	24									
	M5-1R		21	x	21									
260	W6-3(2S)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
261	R7-1D(2S)	--	18	X	24	3.000	--	--	1	--	--	--	--	--
262	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING SOUTH; SHT. 18 OF 20
263	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
264	R5-1A(2M)	--	42	X	30	8.750	--	--	1	--	--	--	--	MOUNT FACING SOUTH
265	R2-1(2M)	SPEED LIMIT 45	30	X	36	7.500	--	--	1	--	--	--	--	--
266	R7-1L(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
267	W6-2(2M)	--	36	X	36	--	9.000	--	--	--	--	--	264	MOUNT ON BACK OF SIGN NO. 264
268	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	269	MOUNT ON BACK OF SIGN NO. 269
269	J4-1(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
	M3-3		24	x	12									
	M1-6	WIS 83	24	x	24									
270	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
271	W5-54(2M)	--	18	X	18	--	2.250	--	--	--	--	--	270	MOUNT BELOW SIGN NO. 270 AT 4 FT. HT.
272	D1-3	BURLINGTON/LAKE GENEVA/KENOSHA	54	X	36	13.500	--	--	--	2	--	--	--	--
273	R7-1R(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
274	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
275	R4-4(2M)	--	36	X	30	7.500	--	--	1	--	--	--	--	--
276	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
277	J3-4(2M)	--	96	X	57	38.000	--	--	2	--	--	--	--	--
	M3-4		24	x	12									
	M1-6	WIS 50	24	x	24									
	M6-1		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 83	24	x	24									
	M6-1		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
	M6-1		21	x	21									
	M3-2		24	x	12									
	M1-6	WIS 50	24	x	24									
	M6-1		21	x	21									
278	R5-1A(2M)	--	42	X	30	8.750	--	--	--	--	--	--	277	MOUNT ON BACK OF SIGN NO. 277
279	R6-2L(2M)	--	30	X	36	7.500	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE; SHEET 19 OF 20
280	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	244	MOUNT ON BACK OF SIGN NO. 244; SH. 15
281	R1-2(2M)	--	48	X	42	7.000	--	--	1	--	--	--	--	SHEET 19 OF 20
282	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	279	MOUNT ON SIGNAL POLE ON BACK OF 279
283	R6-3(2S)	--	30	X	24	5.000	--	--	--	--	--	--	282	MOUNT ABOVE SIGN NO. 282
284	W12-1D(2M)	--	24	X	24	--	4.000	--	1	--	--	--	--	MOUNT HEIGHT 2 FEET
285	R1-1F(2M)	--	36	X	36	--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
286	R4-7(2M)	--	24	X	30	5.000	--	--	--	--	--	--	285	MOUNT ON BACK OF SIGN NO. 285
287	M1-94S	WIS 50 WIS 83 75TH ST	96	X	18	12.000	--	--	--	--	--	--	--	MOUNT ON MAST ARM
288	W9-1R(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
289	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
290	R3-20L(2M)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
291	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING SOUTH

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	x	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
292	J3-2(2M)	--	48	X 57		19.000	--	--	1	--	--	--	--	--
	M3-2		24	x 12										
	M1-6	WIS 50	24	x 24										
	M6-1		21	x 21										
	M3-3		24	x 12										
	M1-6	WIS 83	24	x 24										
	M6-1		21	x 21										
293	R4-7(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
294	J4-2(2M)	--	48	X 57		19.000	--	--	1	--	--	--	--	--
	M3-4		24	x 12										
	M1-6	WIS 50	24	x 24										
	M6-1		21	x 21										
	M3-1		24	x 12										
	M1-6	WIS 83	24	x 24										
	M6-1		21	x 21										
295	R6-2L(2M)	--	30	X 36		7.500	--	--	--	--	--	--	--	MOUNT ON SIGNAL POLE
296	R5-1(2M)	--	36	X 36		9.000	--	--	1	--	--	--	--	MOUNT FACING NORTH
297	R1-2(2M)	--	48	X 42		7.000	--	--	1	--	--	--	--	--
298	R1-1F(2M)	--	36	X 36		--	--	7.460	--	--	--	--	295	MOUNT ON SIGNAL POLE ON BACK OF 295
299	R6-3(2S)	--	30	X 24		5.000	--	--	--	--	--	--	298	MOUNT ABOVE SIGN NO. 298
300	W12-1D(2M)	--	24	X 24		--	4.000	--	1	--	--	--	--	MOUNT HEIGHT 2 FEET
301	R1-1F(2M)	--	36	X 36		--	--	7.460	--	--	--	--	--	MOUNT ON SIGNAL POLE
302	R4-7(2M)	--	24	X 30		5.000	--	--	--	--	--	--	301	MOUNT ON BACK OF SIGN NO. 301
303	M1-94S	--	96	X 18		12.000	--	--	--	--	--	--	--	MOUNT ON MAST ARM
304	R5-1A(2M)	--	42	X 30		8.750	--	--	1	--	--	--	--	MOUNT FACING NORTH; SHT. 20 OF 20
305	R4-7(2M)	--	24	X 30		5.000	--	--	1	--	--	--	--	--
306	W5-54(2M)	--	18	X 18		--	2.250	--	--	--	--	--	305	MOUNT BELOW SIGN NO. 305 AT 4 FT. HT.
307	I55-56	ADOPT A HIGHWAY	--	--	--	--	--	--	1	--	--	1	--	--

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
308	J2-4(2S)	--	96	X	57	38.000	--	--	2	--	--	--	--	NEAR STATION 60+05
	M3-2		24	x	12									
	M1-6	WIS 50	24	x	24									
	M5-1L		21	x	21									
	M3-3		24	x	12									
	M1-6	WIS 83	24	x	24									
	M6-1		21	x	21									
	M3-4		24	x	12									
	M1-6	WIS 50	24	x	24									
	M5-1R		21	x	21									
	M3-1		24	x	12									
	M1-6	WIS 83	24	x	24									
	M5-1R		21	x	21									
309	J4-1(2S)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
	M3-1		24	x	12									
	M1-6	WIS 75	24	x	24									
310	J1-1(2S)	--	24	X	36	6.000	--	--	1	--	--	--	--	--
	M4-6		24	x	12									
	M1-6	WIS 75	24	x	24									
311	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
312	R5-1A(2M)	--	42	X	30	8.750	--	--	--	--	--	--	317	MOUNT FACING SOUTH
313	W4-2R(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
314	R4-7(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
315	W6-2(2M)	--	36	X	36	--	9.000	--	--	--	--	--	304	MOUNT ON BACK OF SIGN NO. 304
316	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	309	MOUNT ON BACK OF SIGN NO. 309
317	D1-3	SALEM/KENOSHA/LAKE GENEVA	54	X	36	13.500	--	--	--	2	--	--	--	--
318	W11-2(2M)	--	36	X	36	--	9.000	--	--	--	--	--	--	SHEET 11 OF 20; SEE MISC. QTYS. FOR RRFB ASSEMBLY
319	W16-7L(2M)	--	30	X	18	--	3.750	--	--	--	--	--	318	MOUNT BELOW RRFB
320	W11-2(2M)	--	36	X	36	--	9.000	--	--	--	--	--	--	SEE MISC.QTYS. FOR RRFB ASSEMBLY
321	W16-7L(2M)	--	30	X	18	--	3.750	--	--	--	--	--	320	MOUNT BELOW RRFB

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	TYPE II SIGN SIZE W [IN.]	X	H [IN.]	637.2210 SIGNS TYPE II REFLC H [SF]	637.2230 SIGNS TYPE II REFLC F [SF]	637.2215 SIGNS TYPE II REFLC H FOLDING [SF]	634.0618 POSTS WOOD 4"X 6"X18' [EA]	634.0622 POSTS WOOD 4"X6"X22' [EA]	634.0814 POSTS TUBULAR STEEL 2"X2"X14' [EA]	638.2102 MOVE SIGNS TYPE II [EA]	MOUNT ON SAME POST AS SIGN #	REMARKS / NEW SIGN LOCATION
322	D1-1	242ND AVE [RA]	60	X	24	10.000	--	--	--	2	--	--	--	SHEET 10 OF 20
323	D1-1	242ND AVE [LA]	60	X	24	10.000	--	--	--	2	--	--	--	SHEET 12 OF 20
324	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING WEST
325	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING EAST; SHEET 14 OF 20
326	R6-2L(2M)	--	30	X	36	7.500	--	--	1	--	--	--	--	--
327	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	236	MOUNT ON BACK OF SIGN NO. 236
328	R6-2L(2M)	--	30	X	36	7.500	--	--	1	--	--	--	--	SHEET 3 OF 20
329	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	
330	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	
331	R7-1L(2M)	--	24	X	30	5.000	--	--	--	--	--	--	36	MOUNT BELOW SIGN NO. 36; SHEET 4
332	R2-1(2M)	SPEED LIMIT 35	30	X	36	7.500	--	--	--	--	--	--	39	MOUNT ON BACK OF SIGN NO. 39
333	R6-2L(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	SHEET 5 OF 20
334	W12-1R(2S)	--	24	X	24	--	4.000	--	1	--	--	--	--	MOUNT HEIGHT 2 FEET
335	R4-7(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	SHEET 7 OF 20
336	R7-1D(2M)	--	24	X	30	5.000	--	--	1	--	--	--	--	SHEET 9 OF 20
337	W3-3(2M)	--	36	X	36	--	9.000	--	1	--	--	--	--	--
338	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	--
339	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	SHEET 10 OF 20
340	R5-1(2M)	--	36	X	36	9.000	--	--	--	--	--	--	188	MOUNT ON BACK OF SIGN NO. 188
341	R6-2R(2S)	--	24	X	30	5.000	--	--	1	--	--	--	--	SHEET 11 OF 20
342	R5-1(2M)	--	36	X	36	9.000	--	--	1	--	--	--	--	MOUNT FACING EAST; SHEET 12 OF 20
343	W11-2(2M)	--	36	X	36	--	9.000	--	--	--	--	--	--	SHEET 11 OF 20; SEE MISC. QTYS. FOR RRFB ASSEMBLY
344	W16-7R(2M)	--	30	X	18	--	3.750	--	--	--	--	--	343	MOUNT BELOW RRFB
345	W11-2(2M)	--	36	X	36	--	9.000	--	--	--	--	--	--	SEE MISC.QTYS. FOR RRFB ASSEMBLY
346	W16-7R(2M)	--	30	X	18	--	3.750	--	--	--	--	--	345	MOUNT BELOW RRFB
		UNDISTRIBUTED				--	--	--	2	--	20	--	--	--
	TOTALS					2123.480	296.060	104.440	232	30	20	8		

SHEET 16 OF 16

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	MISCELLANEOUS QUANTITIES – PERMANENT SIGNING	SHEET:	E

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	**638.2602** REMOVING SIGNS TYPE II [EA]	**638.3000** REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
1R	J4-2	EAST WIS 50 SOUTH WIS 83	1	2	--
2R	R2-1	SPEED LIMIT 55	1	1	--
3R	R5-1A	--	1	1	--
4R	R2-1	SPEED LIMIT 35	1	1	--
5R	R2-1	SPEED LIMIT 35	1	1	--
6R	J2-1	JCT WIS 75	1	1	--
7R	J2-1	JCT WIS 75	1	1	--
8R	J2-1	JCT COUNTY F	1	1	SHEET 2 OF 20
9R	W5-52R	--	1	1	--
10R	R2-1	SPEED LIMIT 35	1	1	--
11R	R2-1	SPEED LIMIT 35	1	1	OTHER R2-1 REMOVED AS WELL
12R	NOT USED				
13R	R2-1	SPEED LIMIT 35	1	1	--
14R	J2-3	NORTH 75 EAST 50 SOUTH 83	1	2	--
15R	J2-3	NORTH 75 EAST 50 SOUTH 83	1	2	--
16R	I2-3	PADDOCK LAKE POPULATION 2992	1	2	SHEET 3 OF 20
17R	J3-1	COUNTY F [RA]	1	1	--
18R	NOT USED				
19R	NOT USED				
20R	R4-7	--	1	1	--
21R	NOT USED				
22R	J3-1	COUNTY F [LA]	1	1	R7-1D REMOVED AS WELL
23R	NOT USED				
24R	R4-7	--	1	1	--
25R	NOT USED				

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	MISCELLANEOUS QUANTITIES – SIGN REMOVALS	SHEET:	E

TYPE II SIGN REMOVALS 1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
26R	R4-7	--	1	1	--
27R	W3-3	--	1	1	--
28R	W3-3	--	1	1	--
29R	J1-1	JCT COUNTY F	1	1	--
30R	R7-1D	--	1	1	--
31R	R1-1	--	1	1	R6-3A REMOVED AS WELL
32R	NOT USED				
33R	JV3-1	WIS 50 WIS 83 [DA]	1	1	--
34R	NOT USED				
35R	R4-7	--	1	1	SHEET 4 OF 20
36R	NOT USED				
37R	R2-1	SPEED LIMIT 35	1	1	R7-1L REMOVED AS WELL
38R	JV4-1	WEST WIS 50 NORTH WIS 83	1	1	--
39R	J3-1	NORTH WIS 75 [LA]	1	1	--
40R	J3-1	SOUTH WIS 83 [RA]	1	1	--
41R	R5-1	--	1	1	--
42R	R1-1F	--	1	--	R10-50L AND R4-7 REMOVED AS WELL
43R	R1-1F	--	1	--	--
44R	R6-2L	--	1	--	--
45R	NOT USED				
46R	NOT USED				
47R	NOT USED				
48R	NOT USED				
49R	R1-1F	--	1	--	--
50R	R1-1F	--	1	--	R10-50L AND R4-7 REMOVED AS WELL
51R	NOT USED				
52R	J3-3	SOUTH 83 NORTH 83 NORTH 75	1	2	R5-1 AND R7-1D REMOVED AS WELL
53R	NOT USED				
54R	R2-1	SPEED LIMIT 35	1	1	R7-1D REMOVED AS WELL
55R	NOT USED				

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	**638.2602** REMOVING SIGNS TYPE II [EA]	**638.3000** REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
56R	R7-1D	--	1	1	SHEET 5 OF 20
57R	R1-1	--	1	1	--
58R	R3-2	--	1	1	--
59R	WO8-6A	--	1	1	--
60R	R6-2R	--	1	1	--
61R	R2-1	SPEED LIMIT 35	1	--	--
62R	R3-9B	--	1	1	--
63R	R7-1D	--	1	1	--
64R	R4-7	--	1	1	--
65R	R4-7	--	1	1	--
66R	R4-7	--	1	1	--
67R	NOT USED				
68R	J4-1	EAST WIS 50	1	1	--
69R	W3-3	--	1	1	--
70R	NOT USED				
71R	NOT USED				
72R	J2-4	SOUTH 83 WEST 50 NORTH 83 N. 75	1	2	--
73R	D1-3	LAKE GENEVA/SALEM/BURLINGTON	1	2	--
74R	JV1-1	JCT WIS 75 WIS 83	1	1	SHEET 6 OF 20
75R	R1-1	--	1	1	--
76R	NOT USED				
77R	R2-1	SPEED LIMIT 35	1	1	S5-2 REMOVED AS WELL
78R	NOT USED				
79R	R7-1D	--	1	1	--
80R	R2-1	SPEED LIMIT 35	1	1	R7-1D REMOVED AS WELL
81R	--	POST IN TERRACE	--	1	--
82R	NOT USED				
83R	NOT USED				
84R	NOT USED				
85R	NOT USED				

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
86R	S4-51	SCHOOL SPEED LIMIT 25	1	1	--
87R	R2-1	SPEED LIMIT 35	1	1	SHEET 7 OF 20
88R	NOT USED				
89R	R1-1	--	1	1	--
90R	R7-1D	--	1	1	--
91R	NOT USED				
92R	R3-9B	--	1	1	R7-1D REMOVED AS WELL
93R	NOT USED				
94R	NOT USED				
95R	NOT USED				
96R	NOT USED				
97R	NOT USED				
98R	NOT USED				
99R	NOT USED				
100R	R1-1	--	1	1	R5-1 AND R3-2 REMOVED AS WELL
101R	S1-1	--	1	1	R5-1 AND S16-7L REMOVED AS WELL
102R	NOT USED				
103R	NOT USED				
104R	NOT USED				
105R	NOT USED				
106R	NOT USED				
107R	NOT USED				
108R	R3-2	--	1	1	SHEET 8 OF 20
109R	R3-2	--	1	1	--
110R	R7-1D	--	1	1	--
111R	W3-3	--	1	1	R7-1D REMOVED AS WELL
112R	NOT USED				
113R	R7-1D	--	1	--	--
114R	R3-9B	--	1	1	--
115R	R3-9B	--	1	1	--

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
116R	R1-1F	--	1	--	SHEET 9 OF 20
117R	R1-1F	--	1	--	R4-7 REMOVED AS WELL
118R	R1-1F	--	1	--	--
119R	R1-1F	--	1	--	--
120R	R1-1F	--	1	--	--
121R	R1-1F	--	1	--	R4-7 REMOVED AS WELL
122R	NOT USED				
123R	NOT USED				
124R	S1-1	--	1	--	S16-7L REMOVED AS WELL
125R	NOT USED				
126R	R2-1	SPEED LIMIT 35	1	1	--
127R	R7-1D	--	1	1	--
128R	W3-3	--	1	1	R7-1D REMOVED AS WELL
129R	S4-51	SCHOOL SPEED LIMIT 25	1	1	--
130R	NOT USED				
131R	S1-1	--	1	--	S16-7L REMOVED AS WELL
132R	NOT USED				
133R	NOT USED				
134R	R3-9B	--	1	1	SHEET 10 OF 20
135R	NOT USED				
136R	NOT USED				
137R	NOT USED				
138R	R2-1	SPEED LIMIT 35	1	--	R7-1D REMOVED AS WELL
139R	NOT USED				
140R	R1-1	--	1	1	--
141R	R7-1D	--	1	1	--
142R	R1-1	--	1	1	--
143R	R2-1	SPEED LIMIT 35	1	1	S5-2 REMOVED AS WELL
144R	NOT USED				
145R	R7-1D	--	1	--	--

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
146R	R7-1D	--	1	--	SHEET 11 OF 20
147R	R7-1D	--	1	--	--
148R	R7-1D	--	1	1	--
149R	R1-1	--	1	1	--
150R	R1-1	--	1	1	--
151R	R4-7	--	1	1	--
152R	R3-9B	--	1	1	--
153R	R2-1	35 MPH	1	1	OTHER R2-1 REMOVED AS WELL
154R	NOT USED				
155R	R2-1	35 MPH	1	1	R7-1D REMOVED AS WELL
156R	NOT USED				
157R	R2-1	SPEED LIMIT 35	1	1	R7-1D REMOVED AS WELL
158R	NOT USED				
159R	R4-7	--	1	1	SHEET 12 OF 20
160R	R4-7	--	1	1	--
161R	R7-1D	--	1	1	--
162R	R7-1D	--	1	1	--
163R	NOT USED				
164R	NOT USED				SHEET 13 OF 20
165R	R2-1	SPEED LIMIT 35	1	1	R7-1D REMOVED AS WELL
166R	R2-1	SPEED LIMIT 35	1	1	R7-1D REMOVED AS WELL
167R	NOT USED				
168R	R7-1D	--	1	1	--
169R	R2-1	SPEED LIMIT 35	1	1	OTHER R2-1 REMOVED AS WELL
170R	NOT USED				
171R	R1-1	--	1	1	SHEET 14 OF 20
172R	NOT USED				
173R	NOT USED				
174R	R2-1	SPEED LIMIT 35	1	1	R7-1D REMOVED AS WELL
175R	R2-1	SPEED LIMIT 35	1	1	--

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
176R	R4-7	--	1	1	--
177R	R4-7	--	1	1	--
178R	R4-7	--	1	1	--
179R	R2-1	SPEED LIMIT 35	1	1	OTHER R2-1 REMOVED AS WELL
180R	NOT USED				
181R	I2-3	PADDOCK LAKE POPULATION 2992	1	2	SHEET 15 OF 20
182R	R2-1	SPEED LIMIT 35	1	1	--
183R	R4-7	--	1	1	--
184R	R2-1	SPEED LIMIT 35	1	1	--
185R	R4-7	--	1	1	--
186R	R2-1	SPEED LIMIT 35	1	1	--
187R	R2-1	SPEED LIMIT 35	1	1	--
188R	J4-1	EAST WIS 50	1	1	--
189R	W3-5	SPEED LIMIT 35	1	1	SHEET 16 OF 20
190R	W3-5	SPEED LIMIT 35	1	1	--
191R	R2-1	SPEED LIMIT 55	1	1	--
192R	R4-7	--	1	1	--
193R	R4-7	--	1	1	--
194R	W6-1	--	1	1	SHEET 17 OF 20
195R	R7-1D	--	1	1	--
196R	NOT USED				
197R	W3-3	--	1	1	W14-3 ON BACK SIDE REMOVED AS WELL
198R	NOT USED				
199R	NOT USED				
200R	R7-1D	--	1	1	--
201R	R7-1D	--	1	1	--
202R	W6-3	--	1	1	--
203R	J2-4	WEST 50 NORTH 83 NORTH 75 EAST 50	1	2	--
204R	R5-1	--	1	1	SHEET 18 OF 20; R7-1D ON BACK REM'D
205R	R4-7	--	1	1	--

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
206R	R2-1	SPEED LIMIT 45	1	1	R5-1A ON BACK SIDE REMOVED AS WELL
207R	R4-7	--	1	1	--
208R	R4-7	--	1	1	--
209R	NOT USED				
210R	R7-1L	--	1	1	--
211R	R6-2L	--	1	1	--
212R	R6-2L	--	1	1	--
213R	D1-3	BURLINGTON/LAKE GENEVA/KENOSHA	1	2	--
214R	J3-4	WEST 50 NORTH 83 NORTH 75 EAST 50	1	3	R5-1 ON BACK SIDE REMOVED AS WELL
215R	NOT USED				
216R	R7-1R	--	1	1	--
217R	NOT USED				
218R	W6-2	--	1	1	--
219R	J4-1	SOUTH WIS 83	1	1	--
220R	NOT USED				
221R	NOT USED				
222R	R4-7	--	1	1	SHEET 19 OF 20
223R	NOT USED				
224R	NOT USED				
225R	R1-2	--	1	1	--
226R	R1-2	--	1	1	--
227R	NOT USED				
228R	NOT USED				
229R	R1-1F	--	1	--	W12-1D REMOVED AS WELL
230R	R1-1F	--	1	--	R10-50L AND R4-7 REMOVED AS WELL

TYPE II SIGN REMOVALS

1310-04-70 STH 50

SIGN NO.	SIGN CODE & SIZE	SIGN MESSAGE	638.2602 REMOVING SIGNS TYPE II [EA]	638.3000 REMOVING SMALL SIGN SUPPORTS [EA]	REMARKS / NEW SIGN LOCATION
231R	R1-1F	--	1	--	W12-1D REMOVED AS WELL
232R	R1-1F	--	1	--	R10-50L AND R4-7 REMOVED AS WELL
233R	R5-1	--	1	1	--
234R	J3-2	EAST WIS 50 SOUTHWIS 83	1	2	--
235R	J3-2	WEST WIS 50 NORTH WIS 83	1	2	--
236R	W9-1R	--	1	1	--
237R	NOT USED				
238R	NOT USED				SHEET 20 OF 20
239R	D1-3	SALEM/KENOSHA/LAKE GENEVA	1	2	R5-1A ON BACK SIDE REMOVED AS WELL
240R	W3-3	--	1	1	
241R	R4-7	--	1	1	W5-54 REMOVED AS WELL
242R	NOT USED				
243R	J1-1	END WIS 75	1	1	--
244R	NOT USED				
245R	J2-4	EAST 50 SOUTH 83 NORTH 83 WEST 50	1	3	NEAR STATION 60 + 05
246R	R4-7	--	1	1	--
247R	W4-2R	--	1	1	--
248R	W6-2	--	1	1	R5-1A ON BACK SIDE REMOVED AS WELL
249R	NOT USED				
250R	J4-1	NORTH WIS 75	1	1	R5-1 ON BACK SIDE REMOVED AS WELL
--	--	--	--	--	--
TOTALS			170	165	

Rectangular Rapid Flash Beacon - MISC QUANTITIES						1310-04-70 STH 50
LOCATION		Rectangular Rapid	Rectangular Rapid	Rectangular Rapid	Rectangular Rapid	Rectangular Rapid
		Flash Beacon STH 50 at 242nd Ave	Flash Beacon STH 50 at 242nd Ave	Flash Beacon STH 50 at 242nd Ave	Flash Beacon STH 50 at 242nd Ave	Flash Beacon STH 50 at 242nd Ave
STH 50 AT 242ND AVE		(RRFB) System Station 1043+45 EB Right	(RRFB) System Station 1047 +80 Median back to back assembly	(RRFB) System Station 1047 + 60 EB right	(RRFB) System Station 1047+80 WB right	(RRFB) System Station 1052+00 WB right
		EACH	EACH	EACH	EACH	EACH
		SPV.0060.33	SPV.0060.34	SPV.0060.35	SPV.0060.36	SPV.0060.37
Station 1043+45 STH 50 EB Advance assembly right		1				
Station 1047 +80 Median STH 50 EB and WB back to back			1			
Station 1047+60 STH 50 EB right				1		
Station 1047 +80 STH 50 WB right					1	
Station 1052+00 STH 50 WB advance assembly right						1
TOTAL		1	1	1	1	1

see signing plan for locations

SHEET: 1 OF 1

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	MISCELLANEOUS QUANTITIES – RRFB'S	SHEET: 547	E

Rectangular Rapid Flash Beacon - MISC QUANTITIES						1310-04-70 STH 50
MOVING EXISTING RRFB'S						
LOCATION		Rectangular Rapid	Rectangular Rapid	Rectangular Rapid	Rectangular Rapid	Rectangular Rapid
		Flash Beacon, STH 50 at 248th Ave	Flash Beacon, STH 50 at 248th Ave	Flash Beacon, STH 50 at 248th Ave	Flash Beacon, STH 50 at 248th Ave	Flash Beacon, STH 50 at 248th Ave
STH 50 AT 248TH AVE		(RRFB) System Station 1018+50 EB right	(RRFB) System Station 1026+00 EB right	(RRFB) System Station 1026+30 WB right	(RRFB) System Station 1026+25 EB and WB median	(RRFB) System Station 1040+50 WB right
		EACH	EACH	EACH	EACH	EACH
		SPV.0060.28	SPV.0060.29	SPV.0060.30	SPV.0060.31	SPV.0060.32
Station 1018+50 sth 50 EB right advance sign		1				
Station 1026+00 STH 50 EB right			1			
Station 1026+30 STH 50 WB right				1		
Station 1026+25 STH 50 EB and WB median					1	
Station 1040+50 STH 50 WB right advance sign						1
TOTAL		1	1	1	1	1

see signing plan for locations

SHEET: 1 OF 1

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	MISCELLANEOUS QUANTITIES – MOVING EXISTING RRFB'S	SHEET: 548	E

3

REMOVING CONCRETE BASES

SIGNAL BASE NO.	204.0195 REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
SB15	1
SB16	1
SB17	1
CB1	1
TOTAL	18

REMOVING PULL BOXES

PULL BOX NO.	653.0905 REMOVING PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
PB18	1
PB19	1
PB20	1
PB21	1
PB22	1
PB23	1
PB24	1
PB25	1
TOTAL	25

REMOVING TRAFFIC SIGNALS

LOCATION	204.9060.S.05 REMOVING TRAFFIC SIGNALS L.S.
STH 50 & STH 75/83	1
TOTAL	1

REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE

LOCATION	204.9060.S.07 REMOVING LOOP DETECTOR WIRE & LEAD-IN CABLE L.S.
STH 50 & STH 75/83	1
TOTAL	1

STATE FURNISHED MATERIALS SUMMARY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER, FULLY ACTUATED, 8 PHASE
1	TRAFFIC SIGNAL CABINET
4	POLES TYPE 9 SPECIAL
4	MONOTUBE ARMS 40-FT TYPE 9/10 SPECIAL POLE
4	EVP DETECTOR HEADS

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

PLOT DATE : 7/15/2021 6:57 AM PLOT BY : PLOT NAME : 030201_mq PLOT SCALE : 1.000000:1.000000
WISDOT / CADDS SHEET 42

CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.
CB1	PB1	--	36
PB1	PB2	141	--
PB1	PB4	--	144
PB2	PB3	132	--
PB4	PB5	22	--
PB4	PB6	--	72
PB4	SB12	10	--
PB6	PB7	--	54
PB7	SB1	--	16
PB7	PB8	--	88
PB8	PB9	--	46
PB9	SB2	13	--
PB9	PB10	234	--
PB9	PB11	--	110
PB11	SB3	5	--
PB11	PB12	--	210
PB11	SB13	37	--
PB12	PB13	139	--
PB12	PB15	--	54
PB12	PB16	--	104
PB13	PB14	148	--
PB15	SB4	19	--
PB15	SB5	--	11
PB16	PB17	42	--
PB16	SB14	23	--
PB16	PB18	--	70
PB18	PB19	--	82
PB19	SB6	--	10
PB19	SB7	29	--
PB19	PB20	--	146
PB20	PB21	--	118
PB20	SB8	14	--
PB21	PB22	212	--
PB21	PB23	--	96
PB23	PB24	19	--
PB23	PB25	--	124
PB24	SB9	23	--
PB24	SB15	7	--
PB25	PB26	--	47
PB25	CB1	--	57
PB26	SB10	14	--
PB26	SB11	--	5
		--	--
	TOTAL	1283	1700

PULL BOXES

PULL BOX NO.	653.0135 PULL BOXES STEEL 24x36-INCH EACH	653.0140 PULL BOXES STEEL 24x42-INCH EACH
PB1	--	1
PB2	1	--
PB3	1	--
PB4	--	1
PB5	1	--
PB6	--	1
PB7	--	1
PB8	--	1
PB9	--	1
PB10	1	--
PB11	--	1
PB12	--	1
PB13	1	--
PB14	1	--
PB15	--	1
PB16	--	1
PB17	1	--
PB18	--	1
PB19	--	1
PB20	--	1
PB21	--	1
PB22	1	--
PB23	--	1
PB24	1	--
PB25	--	1
PB26	--	1
TOTAL	9	17

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

3

CONCRETE BASES

SIGNAL BASE NO.	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH	654.0105 CONCRETE BASES TYPE 5 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
SB1	--	--	--	1	--
SB2	1	--	--	--	--
SB3	--	1	--	--	--
SB4	1	--	--	--	--
SB5	--	--	--	1	--
SB6	--	--	--	1	--
SB7	1	--	--	--	--
SB8	1	--	--	--	--
SB9	--	1	--	--	--
SB10	1	--	--	--	--
SB11	--	--	--	1	--
SB12	--	--	1	--	--
SB13	--	--	1	--	--
SB14	--	--	1	--	--
SB15	--	--	1	--	--
CB1	--	--	--	--	1
TOTAL	5	2	4	4	1

SIGNAL MOUNTING HARDWARE

LOCATION	658.5069.01 SIGNAL MOUNTING HARDWARE L.S.
STH 50 & STH 75/83	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

LOCATION	661.0200.01 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS L.S.	661.0300 GENERATORS DAY	SPV.0060.19 INSTALL CAMERA ASSEMBLY TEMPORARY SIGNAL POLE EACH
STH 50 & STH 75/83	1	1	1
TOTAL	1	1	1

ELECTRICAL SERVICE METER BREAKER PEDESTAL

LOCATION*	656.0200.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL L.S.
STH 50 & STH 75/83	1
TOTAL	1

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

3

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	SIZE (FT)x(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800 CONDUIT LOOP DETECTOR L.F.	655.0700 LOOP DETECTOR LEAD IN CABLE L.F.	655.0800 LOOP DETECTOR WIRE L.F.
11	PB11	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	74	303	190
12	PB11	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	303	178
21	PB22	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	76	347	240
31	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	68	112	184
32	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	112	184
41	PB14	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	68	712	236
42	PB13	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	70	565	238
43	PB15	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	90	461	202
44	PB15	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	461	198
45	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	86	383	206
46	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	84	383	204
51	PB24	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	106	182
52	PB24	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	106	182
61	PB10	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	73	482	262
71	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	72	383	186
72	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	383	182
81	PB3	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	78	349	192
82	PB2	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	104	198	220
83	PB26	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	102	71	214
84	PB26	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	71	208
85	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	112	204
86	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	112	204
					TOTAL	1725	6515	4496

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

PLOT DATE : 7/15/2021 6:57 AM PLOT BY : PLOT NAME : 030201_mq PLOT SCALE : 1.000000:1.000000
WISDOT / CADDS SHEET 42

TRAFFIC SIGNAL CABLE AND WIRE (ABOVE GROUND)

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.
SB1	HEAD 13	65	--
SB1	HEAD 14	65	--
SB1	HEAD 16	--	65
SB1	HEAD 28	15	--
SB1	BUTTON	6	--
SB2	HEAD 6	22	--
SB2	HEAD 21	--	22
SB2	HEAD 29	15	--
SB2	BUTTON	6	--
SB3	HEAD 9	--	22
SB3	BUTTON	6	--
SB4	HEAD 30	15	--
SB4	BUTTON	6	--
SB5	HEAD 18	65	--
SB5	HEAD 19	65	--
SB5	HEAD 23	--	65
SB5	BUTTON	6	--
SB6	HEAD 2	65	--
SB6	HEAD 3	65	--
SB6	HEAD 5	--	65
SB7	HEAD 24	15	--
SB7	BUTTON	6	--
SB8	HEAD 10	--	22
SB8	HEAD 17	22	--
SB8	HEAD 25	15	--
SB8	BUTTON	6	--
SB9	HEAD 11	--	22
SB9	HEAD 20	--	22
SB9	BUTTON	6	--
SB10	HEAD 26	15	--
SB10	BUTTON	6	
SB11	HEAD 7	--	65
SB11	HEAD 8	--	65
SB11	HEAD 27	15	--
SB11	BUTTON	6	--
		--	--
	TOTAL	599	435

TRAFFIC SIGNAL CABLE AND WIRE (UNDERGROUND)

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1	SB1	204
SB1	SB2	117
SB2	SB3	92
SB3	SB4	213
SB4	SB5	40
SB5	SB6	254
SB6	SB7	49
SB7	SB8	136
SB8	SB9	205
SB9	SB10	208
SB10	SB11	29
SB11	CB1	88
PB1	CB1	20
PB4	SB1	101
PB6	SB1	55
PB7	SB1	27
PB8	SB2	23
PB9	SB2	47
PB11	SB3	15
PB12	SB5	75
PB15	SB5	21
PB16	SB6	106
PB18	SB6	61
PB19	SB6	20
PB20	SB8	25
PB21	SB8	83
PB23	SB9	54
PB25	CB1	26
PB26	SB11	15
		--
	TOTAL	2409

TRAFFIC SIGNAL CABLE AND WIRE (UNDERGROUND)

FROM	TO	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0320 CABLE TYPE UF 2-10 AWG GROUNDED L.F.
CB1	SB1	204	--
CB1	SB2	278	--
CB1	SB3	369	--
CB1	SB4	562	--
CB1	SB5	554	--
CB1	SB6	317	--
CB1	SB7	335	--
CB1	SB8	239	--
CB1	SB9	152	--
CB1	SB10	97	--
CB1	SB11	88	--
CB1	SB12	--	113
SB12	SB13	--	304
CB1	SB15	--	135
SB15	SB14	--	378
		--	--
	TOTAL	3195	930

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG L.F.
SB12	LUMINAIRE	234
SB13	LUMINAIRE	234
SB14	LUMINAIRE	234
SB15	LUMINAIRE	234
		--
	TOTAL	936

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE L.F.
CB1	SB5 (HEAD A)	579
CB1	SB11 (HEAD B)	140
CB1	SB1 (HEAD C)	248
CB1	SB6 (HEAD D)	357
	TOTAL	1324

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

POLES (CONTRACTOR FURNISHED)

SIGNAL BASE NO.		657.0100 PEDESTAL BASES EACH	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0305 POLES TYPE 2 EACH	657.0322 POLES TYPE 5 ALUMINUM EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	657.0610 LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	659.1125 LUMINAIRES UTILITY LED C EACH
SB1		--	--	--	--	--	--	--	1	--
SB2		1	--	--	--	1	--	--	1	--
SB3		--	1	1	--	--	--	--	--	--
SB4		1	--	--	--	--	1	--	1	--
SB5		--	--	--	--	--	--	--	1	--
SB7		1	--	--	--	--	1	--	1	--
SB8		1	--	--	--	1	--	--	1	--
SB9		--	1	1	--	--	--	--	1	--
SB10		1	--	--	--	--	1	--	1	--
SB11		--	--	--	--	--	--	--	1	--
SB12		--	1	--	1	--	--	2	--	2
SB13		--	1	--	1	--	--	2	--	2
SB14		--	1	--	1	--	--	2	--	2
SB15		--	1	--	1	--	--	2	--	2
	TOTAL	5	6	2	4	2	3	8	9	8

POLES (STATE FURNISHED)

SIGNAL BASE NO.	SPV.0060.15 INSTALL POLES TYPE 9 SPECIAL EACH	SPV.0060.18 INSTALL MONOTUBE ARMS 40-FT TYPE 9/10 SPECIAL POLE EACH
SB1	1	1
SB5	1	1
SB6	1	1
SB11	1	1
	--	--
TOTAL	4	4

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB11	1	--	--
2	SB6	1	--	--
3	SB6	1	--	--
4	SB5	--	1	--
5	SB6	--	1	--
6	SB2	1	--	--
7	SB11	1	--	--
8	SB11	1	--	--
9	SB3	--	1	--
10	SB8	--	1	--
11	SB9	--	1	--
12	SB5	1	--	--
13	SB1	1	--	--
14	SB1	1	--	--
15	SB11	--	1	--
16	SB1	--	1	--
17	SB8	1	--	--
18	SB5	1	--	--
19	SB5	1	--	--
20	SB9	--	1	--
21	SB2	--	1	--
22	SB3	--	1	--
23	SB5	--	--	1
24	SB7	--	--	1
25	SB8	--	--	1
26	SB10	--	--	1
27	SB11	--	--	1
28	SB1	--	--	1
29	SB2	--	--	1
30	SB4	--	--	1
	TOTAL	12	10	8

LED MODULES SUMMARY

SIGNAL HEAD NO.	SIGNAL BASE NO.	PEDESTRIAN SIGNAL FACE 16-INCH EACH	LED MODULES 12-INCH RED BALL EACH	LED MODULES 12-INCH YELLOW BALL EACH	LED MODULES 12-INCH GREEN BALL EACH	LED MODULES 12-INCH RED ARROW EACH	LED MODULES 12-INCH YELLOW ARROW EACH	LED MODULES 12-INCH GREEN ARROW EACH
1	SB11	--	1	1	1	--	--	--
2	SB6	--	1	1	1	--	--	--
3	SB6	--	1	1	1	--	--	--
4	SB5	--	--	--	--	1	2	1
5	SB6	--	--	--	--	1	2	1
6	SB2	--	1	1	1	--	--	--
7	SB11	--	1	1	1	--	--	--
8	SB11	--	1	1	1	--	--	--
9	SB3	--	--	--	--	1	2	1
10	SB8	--	--	--	--	1	2	1
11	SB9	--	--	--	--	1	2	1
12	SB5	--	1	1	1	--	--	--
13	SB1	--	1	1	1	--	--	--
14	SB1	--	1	1	1	--	--	--
15	SB11	--	--	--	--	1	2	1
16	SB1	--	--	--	--	1	2	1
17	SB8	--	1	1	1	--	--	--
18	SB5	--	1	1	1	--	--	--
19	SB5	--	1	1	1	--	--	--
20	SB9	--	--	--	--	1	2	1
21	SB2	--	--	--	--	1	2	1
22	SB3	--	--	--	--	1	2	1
23	SB5	1	--	--	--	--	--	--
24	SB7	1	--	--	--	--	--	--
25	SB8	1	--	--	--	--	--	--
26	SB10	1	--	--	--	--	--	--
27	SB11	1	--	--	--	--	--	--
28	SB1	1	--	--	--	--	--	--
29	SB2	1	--	--	--	--	--	--
30	SB4	1	--	--	--	--	--	--
	TOTAL	8	12	12	12	10	20	10

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

3

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET

LOCATION		SPV.0060.20 TRNSPT AND INSTALL STATE FURN TRAFFIC SIGNAL CABINET EACH
STH 50 & STH 75/83		1
	TOTAL	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS

LOCATION		SPV.0060.22 TRNSPT TRAFFIC SIGNAL & INTER LIGHTING MATERIALS EACH
STH 50 & STH 75/83		1
	TOTAL	1

3

EVP DETECTOR HEAD INSTALLATION

LOCATION		SPV.0060.24 TRNSPT & INSTALL STATE FURN EVP HEADS EACH
STH 50 & STH 75/83		1
	TOTAL	1

TEMPORARY EVP SYSTEM

LOCATION		SPV.0060.26 TEMPORARY EVP SYSTEM EACH
STH 50 & STH 75/83		1
	TOTAL	1

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

3

REMOVING CONCRETE BASES

SIGNAL BASE NO.	204.0195 REMOVING CONCRETE BASES EACH
SB1	1
SB2	1
SB3	1
SB4	1
SB5	1
SB6	1
SB7	1
SB8	1
SB9	1
SB10	1
SB11	1
SB12	1
SB13	1
SB14	1
SB15	1
SB16	1
SB17	1
CB1	1
TOTAL	18

REMOVING PULL BOXES

PULL BOX NO.	653.0905 REMOVING PULL BOXES EACH
PB1	1
PB2	1
PB3	1
PB4	1
PB5	1
PB6	1
PB7	1
PB8	1
PB9	1
PB10	1
PB11	1
PB12	1
PB13	1
PB14	1
PB15	1
PB16	1
PB17	1
PB18	1
PB19	1
PB20	1
PB21	1
PB22	1
PB23	1
PB24	1
PB25	1
TOTAL	25

REMOVING TRAFFIC SIGNALS

LOCATION		204.9060.S.05 REMOVING TRAFFIC SIGNALS L.S.
STH 50 & STH 75/83		1
	TOTAL	1

REMOVING LOOP DETECTOR WIRE AND LEAD-IN CABLE

LOCATION		204.9060.S.07 REMOVING LOOP DETECTOR WIRE & LEAD-IN CABLE L.S.
STH 50 & STH 75/83		1
	TOTAL	1

STATE FURNISHED MATERIALS SUMMARY

EACH	DESCRIPTION
1	TRAFFIC SIGNAL CONTROLLER, FULLY ACTUATED, 8 PHASE
1	TRAFFIC SIGNAL CABINET
4	POLES TYPE 9 SPECIAL
4	MONOTUBE ARMS 40-FT TYPE 9/10 SPECIAL POLE
4	EVP DETECTOR HEADS

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

CONDUIT

FROM	TO	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH L.F.	652.0235 CONDUIT RIGID NONMETALLIC SCHEDULE 40 3-INCH L.F.
CB1	PB1	--	36
PB1	PB2	141	--
PB1	PB4	--	144
PB2	PB3	132	--
PB4	PB5	22	--
PB4	PB6	--	72
PB4	SB12	10	--
PB6	PB7	--	54
PB7	SB1	--	16
PB7	PB8	--	88
PB8	PB9	--	46
PB9	SB2	13	--
PB9	PB10	234	--
PB9	PB11	--	110
PB11	SB3	5	--
PB11	PB12	--	210
PB11	SB13	37	--
PB12	PB13	139	--
PB12	PB15	--	54
PB12	PB16	--	104
PB13	PB14	148	--
PB15	SB4	19	--
PB15	SB5	--	11
PB16	PB17	42	--
PB16	SB14	23	--
PB16	PB18	--	70
PB18	PB19	--	82
PB19	SB6	--	10
PB19	SB7	29	--
PB19	PB20	--	146
PB20	PB21	--	118
PB20	SB8	14	--
PB21	PB22	212	--
PB21	PB23	--	96
PB23	PB24	19	--
PB23	PB25	--	124
PB24	SB9	23	--
PB24	SB15	7	--
PB25	PB26	--	47
PB25	CB1	--	57
PB26	SB10	14	--
PB26	SB11	--	5
		--	--
	TOTAL	1283	1700

PULL BOXES

PULL BOX NO.	653.0135 PULL BOXES STEEL 24x36-INCH EACH	653.0140 PULL BOXES STEEL 24x42-INCH EACH
PB1	--	1
PB2	1	--
PB3	1	--
PB4	--	1
PB5	1	--
PB6	--	1
PB7	--	1
PB8	--	1
PB9	--	1
PB10	1	--
PB11	--	1
PB12	--	1
PB13	1	--
PB14	1	--
PB15	--	1
PB16	--	1
PB17	1	--
PB18	--	1
PB19	--	1
PB20	--	1
PB21	--	1
PB22	1	--
PB23	--	1
PB24	1	--
PB25	--	1
PB26	--	1
TOTAL	9	17

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

3

CONCRETE BASES

SIGNAL BASE NO.	654.0101 CONCRETE BASES TYPE 1 EACH	654.0102 CONCRETE BASES TYPE 2 EACH	654.0105 CONCRETE BASES TYPE 5 EACH	654.0120 CONCRETE BASES TYPE 10-SPECIAL EACH	654.0217 CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL EACH
SB1	--	--	--	1	--
SB2	1	--	--	--	--
SB3	--	1	--	--	--
SB4	1	--	--	--	--
SB5	--	--	--	1	--
SB6	--	--	--	1	--
SB7	1	--	--	--	--
SB8	1	--	--	--	--
SB9	--	1	--	--	--
SB10	1	--	--	--	--
SB11	--	--	--	1	--
SB12	--	--	1	--	--
SB13	--	--	1	--	--
SB14	--	--	1	--	--
SB15	--	--	1	--	--
CB1	--	--	--	--	1
TOTAL	5	2	4	4	1

SIGNAL MOUNTING HARDWARE

LOCATION	658.5069.01 SIGNAL MOUNTING HARDWARE L.S.
STH 50 & STH 75/83	1
TOTAL	1

TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS

LOCATION	661.0200.01 TEMPORARY TRAFFIC SIGNALS FOR INTERSECTIONS L.S.	661.0300 GENERATORS DAY	SPV.0060.19 INSTALL CAMERA ASSEMBLY TEMPORARY SIGNAL POLE EACH
STH 50 & STH 75/83	1	1	1
TOTAL	1	1	1

ELECTRICAL SERVICE METER BREAKER PEDESTAL

LOCATION*	656.0200.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL L.S.
STH 50 & STH 75/83	1
TOTAL	1

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

3

TRAFFIC DETECTOR LOOPS

LOOP NO.	HOME RUN PB	SIZE (FT)x(FT)	NO. OF TURNS	PAVEMENT TYPE	SDD INSTALLATION REFERENCE	652.0800 CONDUIT LOOP DETECTOR L.F.	655.0700 LOOP DETECTOR LEAD IN CABLE L.F.	655.0800 LOOP DETECTOR WIRE L.F.
11	PB11	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	74	303	190
12	PB11	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	303	178
21	PB22	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	76	347	240
31	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	68	112	184
32	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WITH PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	112	184
41	PB14	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	68	712	236
42	PB13	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	70	565	238
43	PB15	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	90	461	202
44	PB15	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	82	461	198
45	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	86	383	206
46	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	84	383	204
51	PB24	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	106	182
52	PB24	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	106	182
61	PB10	6' x 20'	4	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	73	482	262
71	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	72	383	186
72	PB17	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	66	383	182
81	PB3	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	78	349	192
82	PB2	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	104	198	220
83	PB26	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	102	71	214
84	PB26	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	92	71	208
85	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	112	204
86	PB5	6' x 20'	3	ASPHALT	9F15-4B - LOOP DETECTOR INSTALLED IN BASE COURSE WILL PULL (SPLICE) BOX OFF ROADWAY (OPTION 2)	88	112	204
					TOTAL	1725	6515	4496

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

PLOT DATE : 7/15/2021 6:57 AM PLOT BY : PLOT NAME : 030201_mq PLOT SCALE : 1.000000:1.000000
WISDOT / CADDS SHEET 42

TRAFFIC SIGNAL CABLE AND WIRE (ABOVE GROUND)

FROM	TO	655.0230 CABLE TRAFFIC SIGNAL 5-14 AWG L.F.	655.0240 CABLE TRAFFIC SIGNAL 7-14 AWG L.F.
SB1	HEAD 13	65	--
SB1	HEAD 14	65	--
SB1	HEAD 16	--	65
SB1	HEAD 28	15	--
SB1	BUTTON	6	--
SB2	HEAD 6	22	--
SB2	HEAD 21	--	22
SB2	HEAD 29	15	--
SB2	BUTTON	6	--
SB3	HEAD 9	--	22
SB3	BUTTON	6	--
SB4	HEAD 30	15	--
SB4	BUTTON	6	--
SB5	HEAD 18	65	--
SB5	HEAD 19	65	--
SB5	HEAD 23	--	65
SB5	BUTTON	6	--
SB6	HEAD 2	65	--
SB6	HEAD 3	65	--
SB6	HEAD 5	--	65
SB7	HEAD 24	15	--
SB7	BUTTON	6	--
SB8	HEAD 10	--	22
SB8	HEAD 17	22	--
SB8	HEAD 25	15	--
SB8	BUTTON	6	--
SB9	HEAD 11	--	22
SB9	HEAD 20	--	22
SB9	BUTTON	6	--
SB10	HEAD 26	15	--
SB10	BUTTON	6	
SB11	HEAD 7	--	65
SB11	HEAD 8	--	65
SB11	HEAD 27	15	--
SB11	BUTTON	6	--
		--	--
	TOTAL	599	435

TRAFFIC SIGNAL CABLE AND WIRE (UNDERGROUND)

FROM	TO	655.0515 ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG L.F.
CB1	SB1	204
SB1	SB2	117
SB2	SB3	92
SB3	SB4	213
SB4	SB5	40
SB5	SB6	254
SB6	SB7	49
SB7	SB8	136
SB8	SB9	205
SB9	SB10	208
SB10	SB11	29
SB11	CB1	88
PB1	CB1	20
PB4	SB1	101
PB6	SB1	55
PB7	SB1	27
PB8	SB2	23
PB9	SB2	47
PB11	SB3	15
PB12	SB5	75
PB15	SB5	21
PB16	SB6	106
PB18	SB6	61
PB19	SB6	20
PB20	SB8	25
PB21	SB8	83
PB23	SB9	54
PB25	CB1	26
PB26	SB11	15
		--
	TOTAL	2409

TRAFFIC SIGNAL CABLE AND WIRE (UNDERGROUND)

FROM	TO	655.0260 CABLE TRAFFIC SIGNAL 12-14 AWG L.F.	655.0320 CABLE TYPE UF 2-10 AWG GROUNDED L.F.
CB1	SB1	204	--
CB1	SB2	278	--
CB1	SB3	369	--
CB1	SB4	562	--
CB1	SB5	554	--
CB1	SB6	317	--
CB1	SB7	335	--
CB1	SB8	239	--
CB1	SB9	152	--
CB1	SB10	97	--
CB1	SB11	88	--
CB1	SB12	--	113
SB12	SB13	--	304
CB1	SB15	--	135
SB15	SB14	--	378
		--	--
	TOTAL	3195	930

TRAFFIC SIGNAL CABLE AND WIRE

FROM	TO	655.0610 ELECTRICAL WIRE LIGHTING 12 AWG L.F.
SB12	LUMINAIRE	234
SB13	LUMINAIRE	234
SB14	LUMINAIRE	234
SB15	LUMINAIRE	234
		--
	TOTAL	936

TRAFFIC SIGNAL EVP DETECTOR CABLE

FROM	TO	655.0900 TRAFFIC SIGNAL EVP DETECTOR CABLE L.F.
CB1	SB5 (HEAD A)	579
CB1	SB11 (HEAD B)	140
CB1	SB1 (HEAD C)	248
CB1	SB6 (HEAD D)	357
	TOTAL	1324

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

POLES (CONTRACTOR FURNISHED)

SIGNAL BASE NO.	657.0100 PEDESTAL BASES EACH	657.0255 TRANSFORMER BASES BREAKAWAY 11 1/2-INCH BOLT CIRCLE EACH	657.0305 POLES TYPE 2 EACH	657.0322 POLES TYPE 5 ALUMINUM EACH	657.0425 TRAFFIC SIGNAL STANDARDS ALUMINUM 15-FT EACH	657.0430 TRAFFIC SIGNAL STANDARDS ALUMINUM 10-FT EACH	657.0610 LUMINAIRE ARMS SINGLE MEMBER 4 1/2-INCH CLAMP 6-FT EACH	658.0500 PEDESTRIAN PUSH BUTTONS EACH	659.1125 LUMINAIRES UTILITY LED C EACH
SB1	--	--	--	--	--	--	--	1	--
SB2	1	--	--	--	1	--	--	1	--
SB3	--	1	1	--	--	--	--	--	--
SB4	1	--	--	--	--	1	--	1	--
SB5	--	--	--	--	--	--	--	1	--
SB7	1	--	--	--	--	1	--	1	--
SB8	1	--	--	--	1	--	--	1	--
SB9	--	1	1	--	--	--	--	1	--
SB10	1	--	--	--	--	1	--	1	--
SB11	--	--	--	--	--	--	--	1	--
SB12	--	1	--	1	--	--	2	--	2
SB13	--	1	--	1	--	--	2	--	2
SB14	--	1	--	1	--	--	2	--	2
SB15	--	1	--	1	--	--	2	--	2
TOTAL	5	6	2	4	2	3	8	9	8

POLES (STATE FURNISHED)

SIGNAL BASE NO.	SPV.0060.15 INSTALL POLES TYPE 9 SPECIAL EACH	SPV.0060.18 INSTALL MONOTUBE ARMS 40-FT TYPE 9/10 SPECIAL POLE EACH
SB1	1	1
SB5	1	1
SB6	1	1
SB11	1	1
	--	--
TOTAL	4	4

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

FACES

SIGNAL HEAD NO.	SIGNAL BASE NO.	658.0173 TRAFFIC SIGNAL FACE 3S 12-INCH EACH	658.0174 TRAFFIC SIGNAL FACE 4S 12-INCH EACH	658.0416 PEDESTRIAN SIGNAL FACE 16-INCH EACH
1	SB11	1	--	--
2	SB6	1	--	--
3	SB6	1	--	--
4	SB5	--	1	--
5	SB6	--	1	--
6	SB2	1	--	--
7	SB11	1	--	--
8	SB11	1	--	--
9	SB3	--	1	--
10	SB8	--	1	--
11	SB9	--	1	--
12	SB5	1	--	--
13	SB1	1	--	--
14	SB1	1	--	--
15	SB11	--	1	--
16	SB1	--	1	--
17	SB8	1	--	--
18	SB5	1	--	--
19	SB5	1	--	--
20	SB9	--	1	--
21	SB2	--	1	--
22	SB3	--	1	--
23	SB5	--	--	1
24	SB7	--	--	1
25	SB8	--	--	1
26	SB10	--	--	1
27	SB11	--	--	1
28	SB1	--	--	1
29	SB2	--	--	1
30	SB4	--	--	1
	TOTAL	12	10	8

LED MODULES SUMMARY

SIGNAL HEAD NO.	SIGNAL BASE NO.	PEDESTRIAN SIGNAL FACE 16-INCH EACH	LED MODULES 12-INCH RED BALL EACH	LED MODULES 12-INCH YELLOW BALL EACH	LED MODULES 12-INCH GREEN BALL EACH	LED MODULES 12-INCH RED ARROW EACH	LED MODULES 12-INCH YELLOW ARROW EACH	LED MODULES 12-INCH GREEN ARROW EACH
1	SB11	--	1	1	1	--	--	--
2	SB6	--	1	1	1	--	--	--
3	SB6	--	1	1	1	--	--	--
4	SB5	--	--	--	--	1	2	1
5	SB6	--	--	--	--	1	2	1
6	SB2	--	1	1	1	--	--	--
7	SB11	--	1	1	1	--	--	--
8	SB11	--	1	1	1	--	--	--
9	SB3	--	--	--	--	1	2	1
10	SB8	--	--	--	--	1	2	1
11	SB9	--	--	--	--	1	2	1
12	SB5	--	1	1	1	--	--	--
13	SB1	--	1	1	1	--	--	--
14	SB1	--	1	1	1	--	--	--
15	SB11	--	--	--	--	1	2	1
16	SB1	--	--	--	--	1	2	1
17	SB8	--	1	1	1	--	--	--
18	SB5	--	1	1	1	--	--	--
19	SB5	--	1	1	1	--	--	--
20	SB9	--	--	--	--	1	2	1
21	SB2	--	--	--	--	1	2	1
22	SB3	--	--	--	--	1	2	1
23	SB5	1	--	--	--	--	--	--
24	SB7	1	--	--	--	--	--	--
25	SB8	1	--	--	--	--	--	--
26	SB10	1	--	--	--	--	--	--
27	SB11	1	--	--	--	--	--	--
28	SB1	1	--	--	--	--	--	--
29	SB2	1	--	--	--	--	--	--
30	SB4	1	--	--	--	--	--	--
	TOTAL	8	12	12	12	10	20	10

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

PLOT DATE : 7/15/2021 6:57 AM PLOT BY : PLOT NAME : 030201_mq PLOT SCALE : 1.000000:1.000000
WISDOT / CADDS SHEET 42

3

TRANSPORT AND INSTALL STATE FURNISHED TRAFFIC SIGNAL CABINET

LOCATION		SPV.0060.20 TRNSPT AND INSTALL STATE FURN TRAFFIC SIGNAL CABINET EACH
STH 50 & STH 75/83		1
	TOTAL	1

TRANSPORT TRAFFIC SIGNAL AND INTERSECTION LIGHTING MATERIALS

LOCATION		SPV.0060.22 TRNSPT TRAFFIC SIGNAL & INTER LIGHTING MATERIALS EACH
STH 50 & STH 75/83		1
	TOTAL	1

3

EVP DETECTOR HEAD INSTALLATION

LOCATION		SPV.0060.24 TRNSPT & INSTALL STATE FURN EVP HEADS EACH
STH 50 & STH 75/83		1
	TOTAL	1

TEMPORARY EVP SYSTEM

LOCATION		SPV.0060.26 TEMPORARY EVP SYSTEM EACH
STH 50 & STH 75/83		1
	TOTAL	1

ALL ITEMS CATEGORY 0050

STH 50 & STH 75/83
VILLAGE OF PADDOCK LAKE
KENOSHA COUNTY

CONVENTIONAL SYMBOLS

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

PARCEL NUMBER
PRW POINT NUMBER
SECTION CORNER
NOTATION FOR COMBUSTABLE FLUIDS
NOTATION FOR HIGH VOLTAGE TRANSMISSION LINES

UTILITY NUMBER
TLE POINT NUMBER
R/W MONUMENT
NON-MONUMENTED R/W POINT
FOUND IRON PIN
VALVE (GAS, WATER, ETC.)
SIGN
OFF-PREMISE SIGN

ACCESS CONTROLLED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)
NATIONAL GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
PARALLEL OFFSETS

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS
ELECTRIC TOWER	

	NON-COMPENSABLE	COMPENSABLE
POWER POLE		
TELEPHONE POLE		
TELEPHONE PEDESTAL		

CURVE DATA ABBREVIATIONS

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ / DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

CONVENTIONAL ABBREVIATIONS

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

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
1310-04-20		
CONSTRUCTION PROJECT NUMBER 1310-04-70	4.01	

PLAT OF RIGHT OF WAY REQUIRED FOR

STATE HIGHWAY 50

USH 12 TO USH 45

STH 50	KENOSHA COUNTY

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83 2007 IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4"X24" IRON REBARS) UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

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.

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.

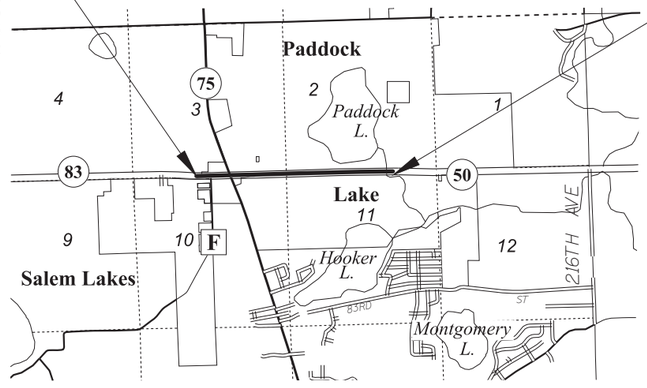
A TEMPORARY LIMITED EASEMENT (TLE) IS A RIGHT FOR CONSTRUCTION PURPOSES, AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE, OR PLANT THEREON ANY 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 ANDEGRESS, 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, SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

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

BEGIN RELOCATION ORDER
STA 996+45.80
Y = 128203.290
X = 549265.859
LOCATED 10.08 FEET SOUTH AND 274.56 FEET WEST OF THE NORTH ¼ CORNER OF SECTION 10, TOWNSHIP 1 NORTH, RANGE 20 EAST

R-20-E



T-1-N

N

LAYOUT
SCALE 0 1.0 MILE

TOTAL NET LENGTH OF CENTERLINE = 1.393 MI.

END RELOCATION ORDER
STA 1070+00.00
Y = 128167.287
X = 556572.934
LOCATED 28.80 FEET SOUTH AND 898.19 FEET WEST OF THE NORTHEAST CORNER OF SECTION 11, TOWNSHIP 1 NORTH, RANGE 20 EAST

APPROVED
FOR
THE DEPARTMENT OF TRANSPORTATION

DATE

PLAT PREPARED BY
AYRES ASSOCIATES

THE SURVEY IS PREPARED AT THE REQUEST OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION.

THE FIELD SURVEY WAS PERFORMED IN DECEMBER 2018.

THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

WISCONSIN
NATHAN A. VAUGHN
S-2986
DOUSMAN
WI
LAND SURVEYOR

Nathan A Vaughn 7/06/2020

NATHAN VAUGHN, P.L.S. DATE
S-2986

REVISION DATE:
11/11/2020
03/08/2021

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0401_TI.DWG
PLOT DATE : 3/9/2021 10:04 AM
PLOT BY : LARSON, BENJAMIN
PLOT NAME :
BASE DATE: 04/30/2019

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	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	TOTAL SQ FT	R/W SQ FT REQUIRED		TOTAL SQ FT REMAINING	PLE SQ FT	TLE SQ FT
					NEW	EXISTING			
1	4.04	FRED & CHRIS INVESTMENTS	FEE/TLE	32234	390	---	31844	---	2933
2	4.04, 4.05	SEE-WAY INVESTMENTS, LLC	FEE/TLE	16117	374	---	15743	---	1977
3	4.04	BREG2 LLC	TLE	324958	---	---	324958	---	612
4	4.05	O'REILLY AUTOMOTIVE	FEE/TLE	71438	674	---	70764	---	1636
5	4.05	TRIPLE B REAL ESTATE	FEE/TLE	75359	807	---	74552	---	1053
6	4.05, 4.06	MILLS ENTERPRISES-VILLAGE PLAZA LLC	TLE	284447	---	---	284447	---	1530
7	4.05	RODGER BERMAN AND ESTHER Y. BERMAN	FEE/TLE	87991	4394	---	83597	---	12095
8	4.05	PADDOCK LAKE BP, LLC	FEE/TLE	80586	882	---	79704	---	3635
9	4.06	BUDDY BELLS LAND HOLDINGS	TLE	34412	---	---	34412	---	890
10	4.06	OLSEN PROPERTIES	TLE	13939	---	---	13939	---	581
11	4.06	GTE NORTH INCORPORATED	FEE/TLE	14810	194	---	14616	---	602
12	4.06	NEW MIDWEST WISCONSIN LLC	TLE	30492	---	---	30492	---	3747
13	4.06	HANS PETER LANGENSTROER	TLE	23958	---	---	23958	---	2641
14	4.06, 4.07	CENTRAL HIGH SCHOOL DISTRICT OF WESTOSHA	FEE/TLE	5814389	5866	---	5808523	---	24383
15	4.06	CHRIST LUTHERAN CHURCH	FEE/TLE	277477	500	---	276977	---	9221
16	4.06	PADDOCK LAKE PROPERTIES	FEE/TLE	119790	769	---	119021	---	2156
17	4.07	RMDB COOL LLC	FEE/TLE	20909	146	---	20763	---	1836
18	4.07	JA BECKER PROPERTIES, LLC	FEE/PLE/TLE	28750	600	---	28150	4000	1381
19	4.07	RICHARD L BENSON	FEE/PLE/TLE	21780	750	---	21030	2139	2917
20 (2)	4.07	REALITY INCOME PROPERTIES 6 LLC	FEE/PLE/TLE	58806	300	---	58506	147	4103
21	4.07	ZACKARY W. SULLIVAN, MASON S. SULLIVAN, LUCAS C. SULLIVAN, AND PAIGE I. SULLIVAN	FEE/TLE	14375	455	---	13920	---	2160
22	4.07	AMMA & H, LLC	FEE/TLE	28750	721	---	28029	---	3672
23	4.07	GAGLIARDI PROPERTY, JUBILEE REAL ESTATE LLC, JEFFREY L SORENSEN	FEE/TLE	77101	639	---	76462	---	5388
24	4.07, 4.08	NEAL S GILL	FEE/TLE	20909	191	---	20718	---	2678
25	4.07	PARK APARTMENTS LLC	FEE/TLE	21780	210	---	21570	---	2660
26	4.07	PATRICIA A ZAMBA	FEE/TLE	0.29 AC	0.01 AC	---	0.28 AC	---	0.02 AC
27	4.07	TEAK PROPERTIES	FEE/TLE	23958	316	---	23642	---	2197
28	4.08	PADDOCK LAKE PROFESSIONAL PARK	FEE/TLE	13504	150	---	13354	---	1179
29	4.08	SUSAN C SOMMER	FEE/TLE	6534	75	---	6459	---	673
30	4.08	KENNETH A WARNER	FEE/TLE	8712	150	---	8562	---	649
31	4.08	BRAD ANDERSON	FEE/TLE	6970	126	---	6844	---	936
32	4.08	DAVID A SCHULZ	FEE/TLE	5663	113	---	5550	---	697
33	4.08	MIKE MARZEC	FEE/TLE	10454	511	---	9943	---	923
34	4.08	VILLAGE OF PADDOCK LAKE	FEE/TLE	10454	699	---	9755	---	829
35	4.08	SANDRA L PHILLIPS	FEE/TLE	16988	234	---	16754	---	1593
36	4.08, 4.09	COUNTY OF KENOSHA	HE/PLE/TLE	702187	11303	---	690884	530	7512
37	4.08	BAKERIA, LLP	FEE/TLE	16553	163	---	16390	---	2643
38	4.08	24207 75TH, LLC	FEE/TLE	18295	298	---	17997	---	1275
39 (3)	4.08	PEDRO JAIMES	FEE/TLE	26136	399	---	25737	---	1969
40	4.08	24301 75TH ST LLC	FEE/TLE	12632	189	---	12443	---	1271
41	4.08	RGC GROUP LLC	FEE/TLE	21780	256	---	21524	---	834
42	4.09	SOUTHPORT BANK	FEE/TLE	46174	199	---	45975	---	495
43	4.09	R&T ROG LLC	FEE	34412	1307	---	33105	---	---
44	4.09	CARL BRYZEK FARMS LLC	TLE	4543308	---	---	4543308	---	269
46	4.09	MOORE-STRANG HOLDINGS	FEE/PLE/TLE	74052	82	---	73970	1501	852
47	4.10	KEVIN VAN HEIRSEELE	FEE/TLE	31799	1141	---	30658	---	181
48	4.10	KAREN VAN HEIRSEELE	FEE/TLE	25265	247	---	25018	---	44
49	4.05	PADLACK PARTNERS, LLC	TLE	74488	---	---	74488	---	349
51 (3)	4.08	JAIMES, ET AL	FEE/TLE	6534	98	---	6436	---	684
UTILITYNUMBER	**SHEET NUMBER**	**OWNER (S)**	**INTEREST REQUIRED**						
100	4.05, 4.06, 4.07, 4.09	VILLAGE OF PADDOCK LAKE	RELEASE OF RIGHTS	---	---	---		---	---
101	4.05, 4.06, 4.07	WE ENERGIES ELECTRIC	RELEASE OF RIGHTS	---	---	---		---	---
102	4.04, 4.05, 4.08	AT&T WISCONSIN	RELEASE OF RIGHTS	---	---	---		---	---
103	4.05, 4.06, 4.09, 4.10	FRONTIER COMMUNICATIONS	RELEASE OF RIGHTS	---	---	---		---	---
105	4.05, 4.06, 4.07, 4.09	WE ENERGIES GAS	RELEASE OF RIGHTS	---	---	---		---	---
106	4.04	AMERICAN TRANSMISSION COMPANY	RELEASE OF RIGHTS	---	---	---		---	---

4

4

REVISION DATE
11/11/2020
03/08/2021

DATE August 5, 2020

HWY: STH 50

COUNTY: KENOSHA

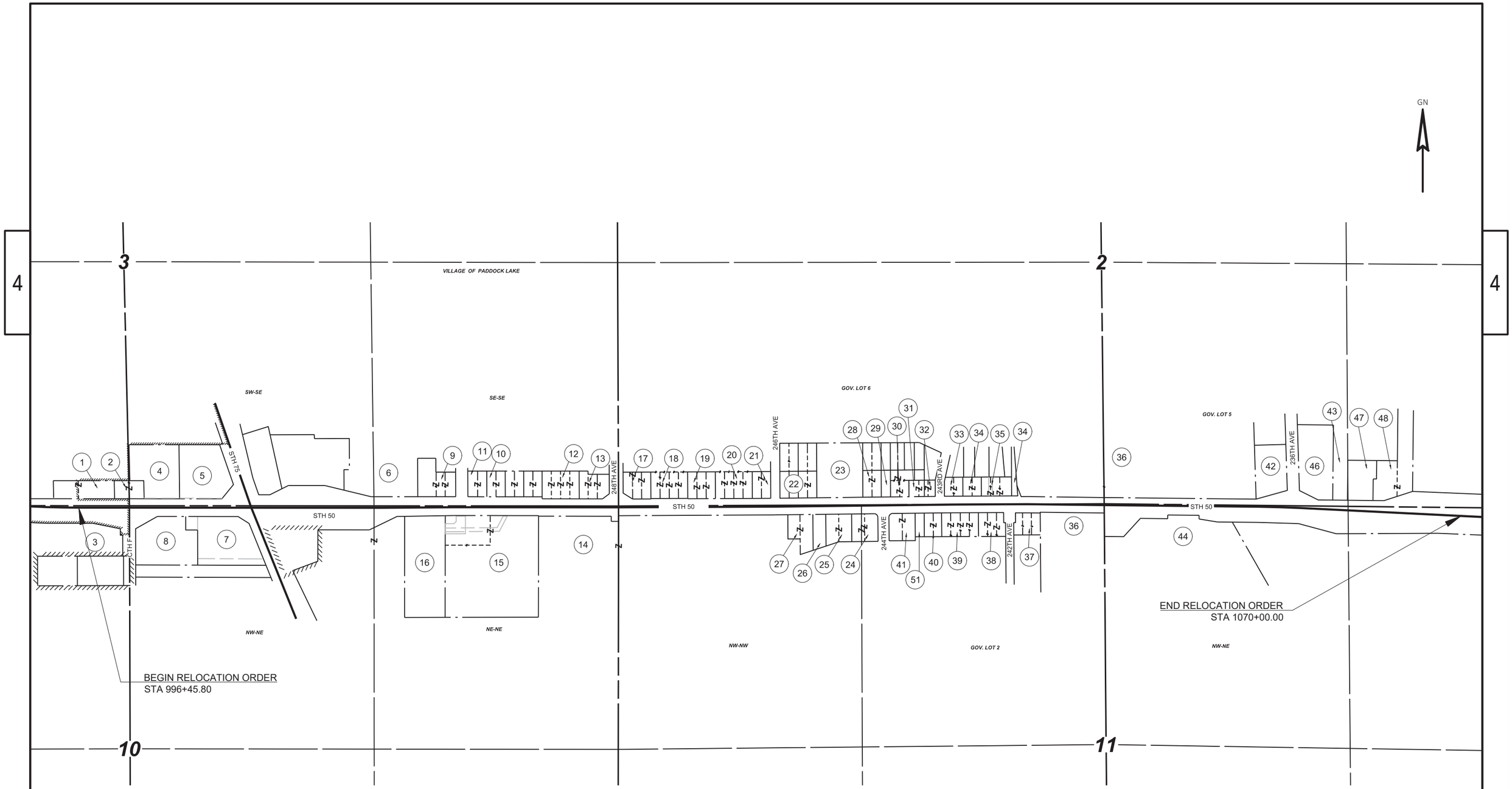
R/W PROJECT NUMBER 1310-04-21

CONSTRUCTION PROJECT NUMBER 1310-04-70

PLAT SHEET 4.02

PS&E SHEET 566

E

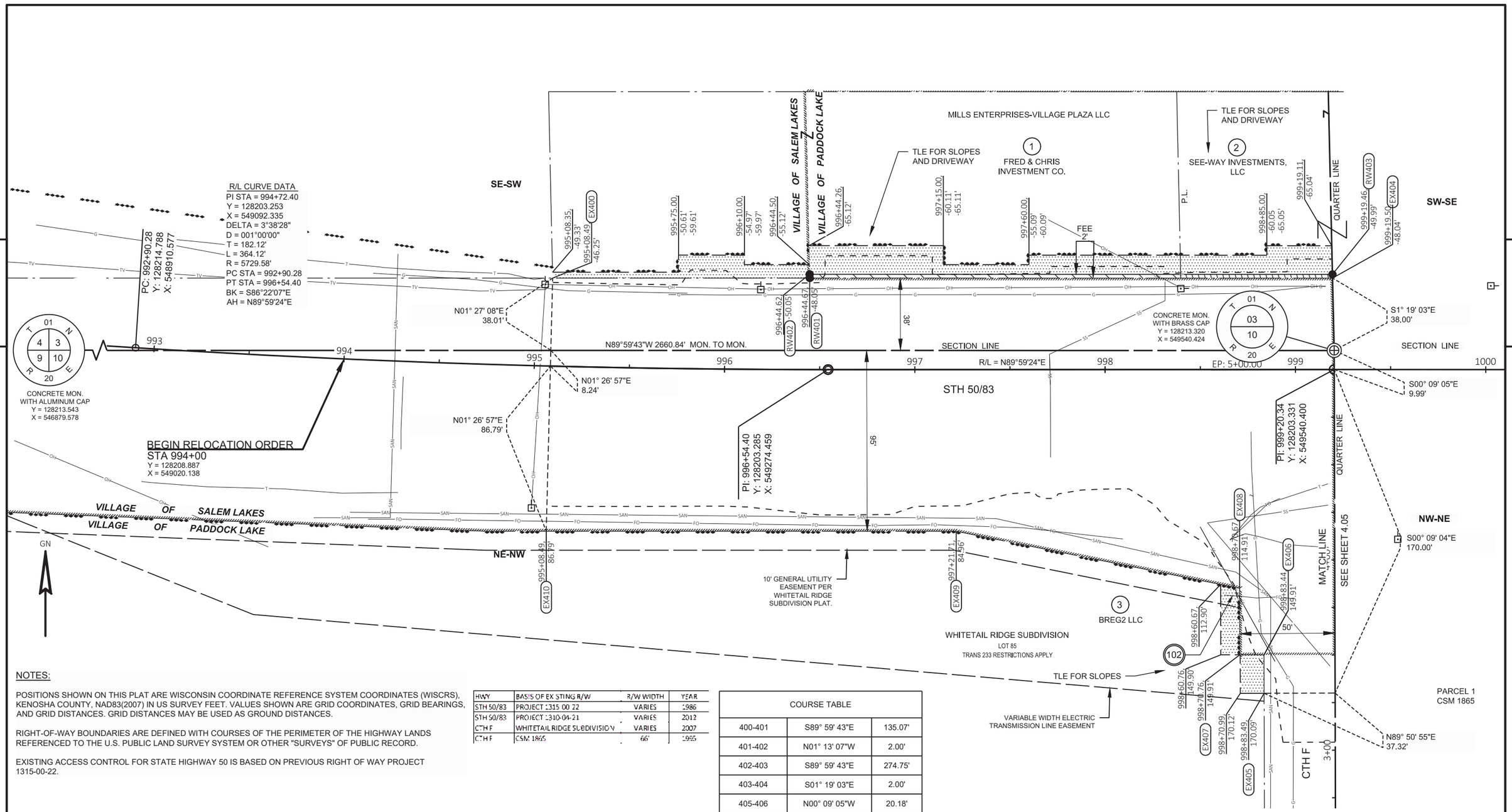


REVISION DATE 11/11/2020 03/08/2021	DATE August 5, 2020	NOT TO SCALE	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.03
			COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 567 E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0403_RL.DWG
LAYOUT NAME - 4.03

PLOT DATE : 3/9/2021 11:05 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 75



NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83(2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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.

EXISTING ACCESS CONTROL FOR STATE HIGHWAY 50 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

HWY	BASIS OF EX STING R/W	R/W WIDTH	YEAR
STH 50/83	PROJECT 1315 00 22	VARIES	1986
STH 50/83	PROJECT 1310-04-21	VARIES	2012
CTH F	WHITETAIL RIDGE SUBDIVISION	VARIES	2007
CTH F	CSM 1865	66'	1995

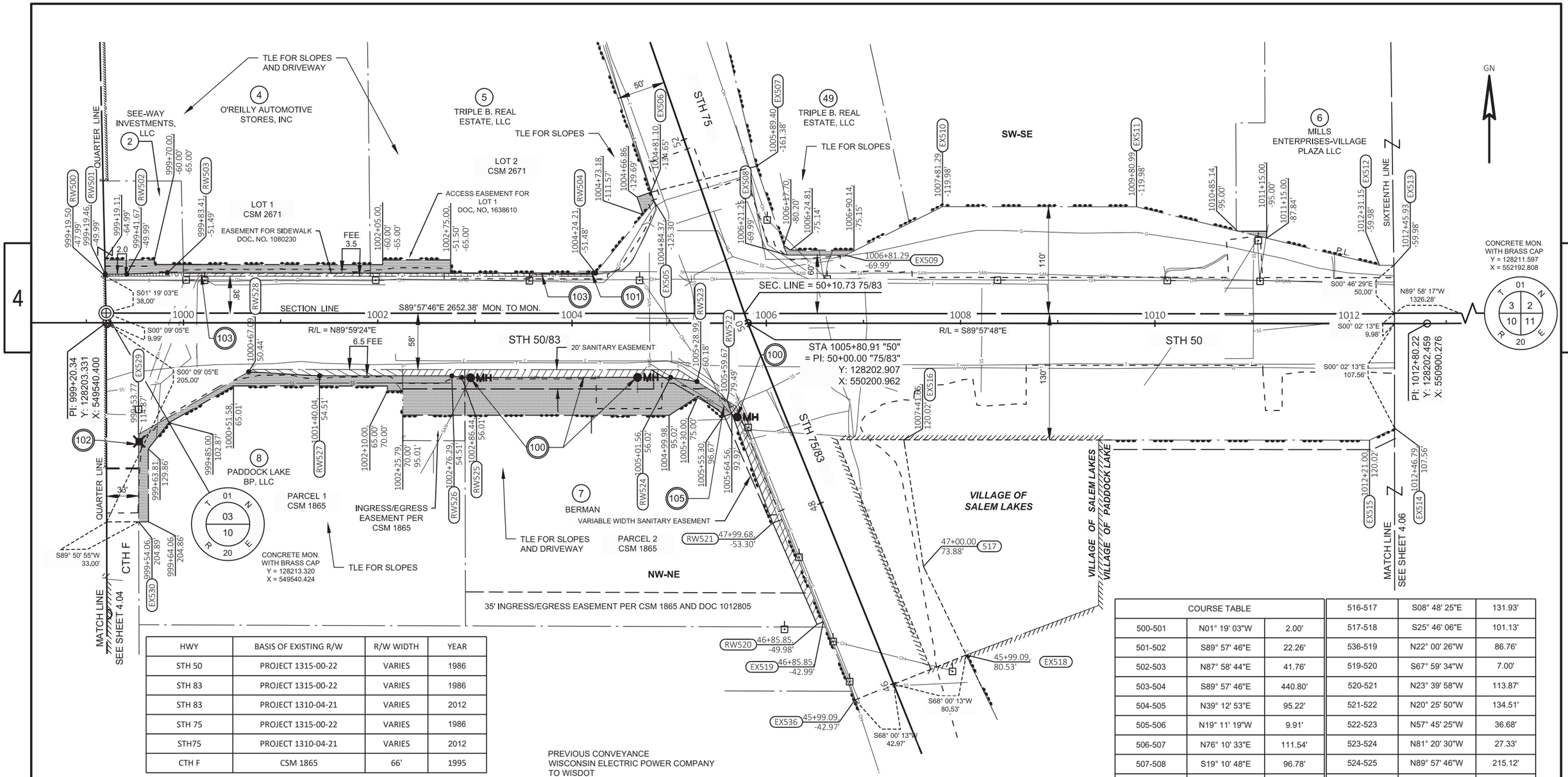
COURSE TABLE		
400-401	S89° 59' 43"E	135.07'
401-402	N01° 13' 07"W	2.00'
402-403	S89° 59' 43"E	274.75'
403-404	S01° 19' 03"E	2.00'
405-406	N00° 09' 05"W	20.18'
406-407	N89° 59' 27"W	12.69'
407-408	N00° 09' 05"W	35.00'
408-409	N78° 38' 31"W	151.94'
409-410	N89° 59' 43"W	215.42'

106 AMERICAN TRANSMISSION COMPANY
VARIABLE WIDTH EASEMENT
DOC. 1835841, 1835850, AND DOCUMENT RECORDED
PARCEL 3

102 AT&T WISCONSIN
10' EASEMENT TO GENERAL TELEPHONE COMPANY
V.1212, P.303, DOC.748620
PARCEL 3
10' EASEMENT WHITETAIL RIDGE SUBDIVISION
DOC.1536120
PARCEL 3

REVISION DATE 11/11/2020	DATE August 5, 2020	SCALE, FEET 0 25 50	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.04
	GRID FACTOR N/A		COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 568 E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0404_RP.DWG
LAYOUT NAME - 4.04
PLOT DATE : 3/9/2021 10:01 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:50 FT



HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 50	PROJECT 1315-00-22	VARIES	1986
STH 83	PROJECT 1315-00-22	VARIES	1986
STH 83	PROJECT 1310-04-21	VARIES	2012
STH 75	PROJECT 1315-00-22	VARIES	1986
STH75	PROJECT 1310-04-21	VARIES	2012
CTH F	CSM 1865	66'	1995

COURSE TABLE		
500-501	N01° 19' 03"W	2.00'
501-502	S89° 57' 46"E	22.26'
502-503	N87° 58' 44"E	41.76'
503-504	S89° 57' 46"E	440.80'
504-505	N39° 12' 53"E	95.22'
505-506	N19° 11' 19"W	9.91'
506-507	N76° 10' 33"E	111.54'
507-508	S19° 10' 48"E	96.78'
508-509	S89° 57' 46"E	60.04'
509-510	N63° 28' 20"E	111.79'
510-511	S89° 57' 46"E	199.70'
511-512	S76° 28' 32"E	257.26'
512-513	S89° 57' 46"E	14.78'
514-515	S64° 14' 15"W	28.64'
515-516	N89° 57' 46"W	479.35'
516-517	S08° 48' 25"E	131.93'
517-518	S25° 46' 06"E	101.13'
536-519	N22° 00' 26"W	86.76'
519-520	S67° 59' 34"W	7.00'
520-521	N23° 39' 58"W	113.87'
521-522	N20° 25' 50"W	134.51'
522-523	N57° 45' 25"W	36.68'
523-524	N81° 20' 30"W	27.33'
524-525	N89° 57' 46"W	215.12'
525-526	N81° 33' 17"W	10.26'
526-527	N89° 57' 46"W	136.24'
527-528	N86° 46' 14"W	73.06'
528-529	S60° 25' 07"W	130.36'
529-530	S00° 09' 05"E	90.02'

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83(2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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EXISTING ACCESS CONTROL FOR STATE HIGHWAY 50 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

EXISTING ACCESS CONTROL FOR STATE HIGHWAY 83 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

EXISTING ACCESS CONTROL FOR STATE HIGHWAY 75 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT .

100 VILLAGE OF PADDOCK LAKE - SANITARY
20' SANITARY EASEMENT DOC.1017524
PARCEL 7

VARIABLE WIDTH SANITARY EASEMENT
V.1244, P.662, DOC.765514
PARCEL 7

VARIABLE SANITARY WIDTH EASEMENT
V.1248, P.470, DOC.767663
PARCEL 7

101 WE ENERGIES - ELECTRIC
NO RECORD OF EASEMENT
PARCEL 5

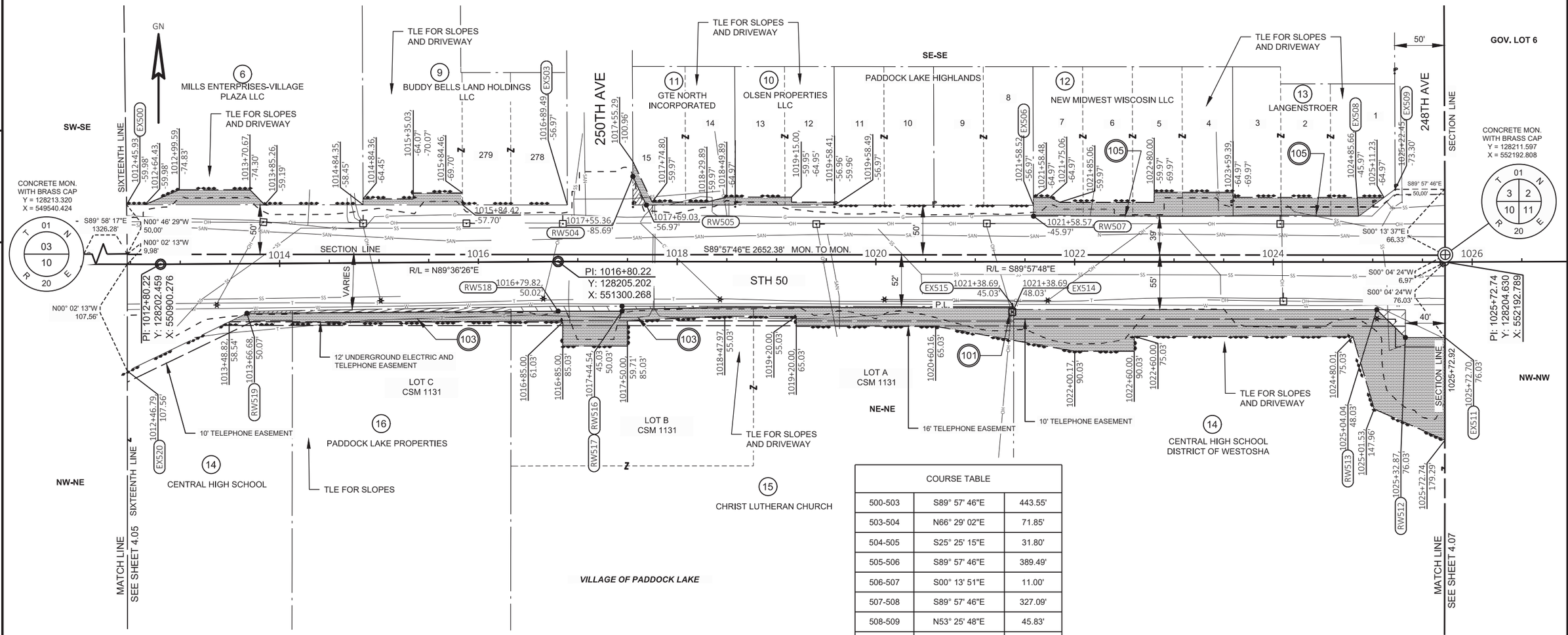
103 FRONTIER COMMUNICATIONS
NO RECORD OF EASEMENT
PARCEL 4, 5

102 AT&T DISTRIBUTION
NO RECORD OF EASEMENT
PARCEL 8

105 WE ENERGIES - GAS
NO RECORD OF EASEMENT
PARCEL 7

REVISION DATE 11/11/2020	DATE August 5, 2020	SCALE, FEET 0 50 100	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.05
	GRID FACTOR N/A		COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 569 E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0405_RP.DWG
LAYOUT NAME - 4.05
PLOT DATE : 3/9/2021 10:00 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



COURSE TABLE		
500-503	S89° 57' 46"E	443.55'
503-504	N66° 29' 02"E	71.85'
504-505	S25° 25' 15"E	31.80'
505-506	S89° 57' 46"E	389.49'
506-507	S00° 13' 51"E	11.00'
507-508	S89° 57' 46"E	327.09'
508-509	N53° 25' 48"E	45.83'
511-512	N89° 57' 46"W	39.84'
512-513	N45° 47' 29"W	40.18'
513-514	N89° 57' 46"W	365.36'
514-515	N00° 03' 23"E	3.00'
515-516	N89° 57' 46"W	394.15'
516-517	S00° 01' 43"W	5.00'
517-518	N89° 57' 46"W	64.35'
518-519	S89° 35' 56"W	313.13'
519-520	S64° 14' 15"W	133.59'

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 50	PROJECT 1315-00-22	VARIES	1986
STH 50	DOC. NO. 788728	94'	1987
STH 50	DOC. NO. 791051	94'	1987
250TH AVE	PADDOCK LAKE HIGHLANDS	66'	1929
248TH AVE	PADDOCK LAKE HIGHLANDS	75'	1929

105 WE ENERGIES - GAS
NO RECORD OF EASEMENT
PARCEL 12, 13

101 WE ENERGIES - ELECTRIC
12" EASEMENT
V.1409, P.291, DOC.849471
PARCEL 15, 16

103 FRONTIER COMMUNICATION
12' EASEMENT V.1215, P.129, DOC.750167
PARCEL 15, 16
10' EASEMENT V.1212, P890, DOC.748949
PARCEL 14
16.5' EASEMENT TO GENERAL TELEPHONE COMPANY
V.889, P.675, DOC.554504
V.893, P.817, DOC.557151
PARCEL 14, 15 & 16

NOTES:

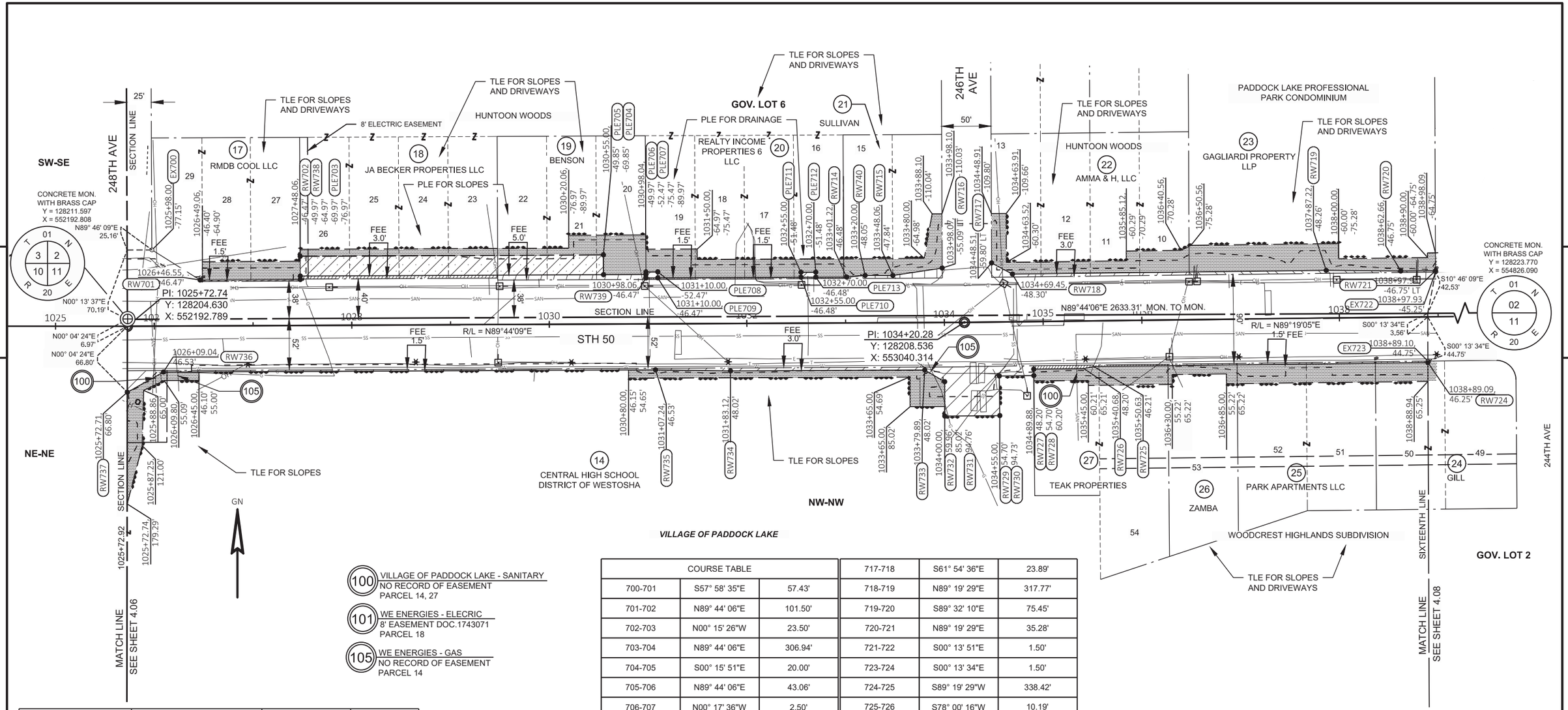
POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83(2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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EXISTING ACCESS CONTROL FOR STATE HIGHWAY 50 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

REVISION DATE 11/11/2020	DATE August 5, 2020	SCALE, FEET 0 50 100	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.06
	GRID FACTOR N/A		COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 570 E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0406_RP.DWG
LAYOUT NAME - 4.06
PLOT DATE : 3/9/2021 10:00 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



100	VILLAGE OF PADDOCK LAKE - SANITARY	NO RECORD OF EASEMENT PARCEL 14, 27
101	WE ENERGIES - ELECRIC	8' EASEMENT DOC.1743071 PARCEL 18
105	WE ENERGIES - GAS	NO RECORD OF EASEMENT PARCEL 14

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 50	PROJECT 1315-00-22	VARIES	
248TH AVE	PADDOCK LAKE HIGHLANDS	75'	1929
248TH AVE	HUNTOON WOODS	25'	1925
246TH AVE	HUNTOON WOODS	50'	1925
244TH AVE	WOODCREAST HEIGHTS	60'	1951

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83(2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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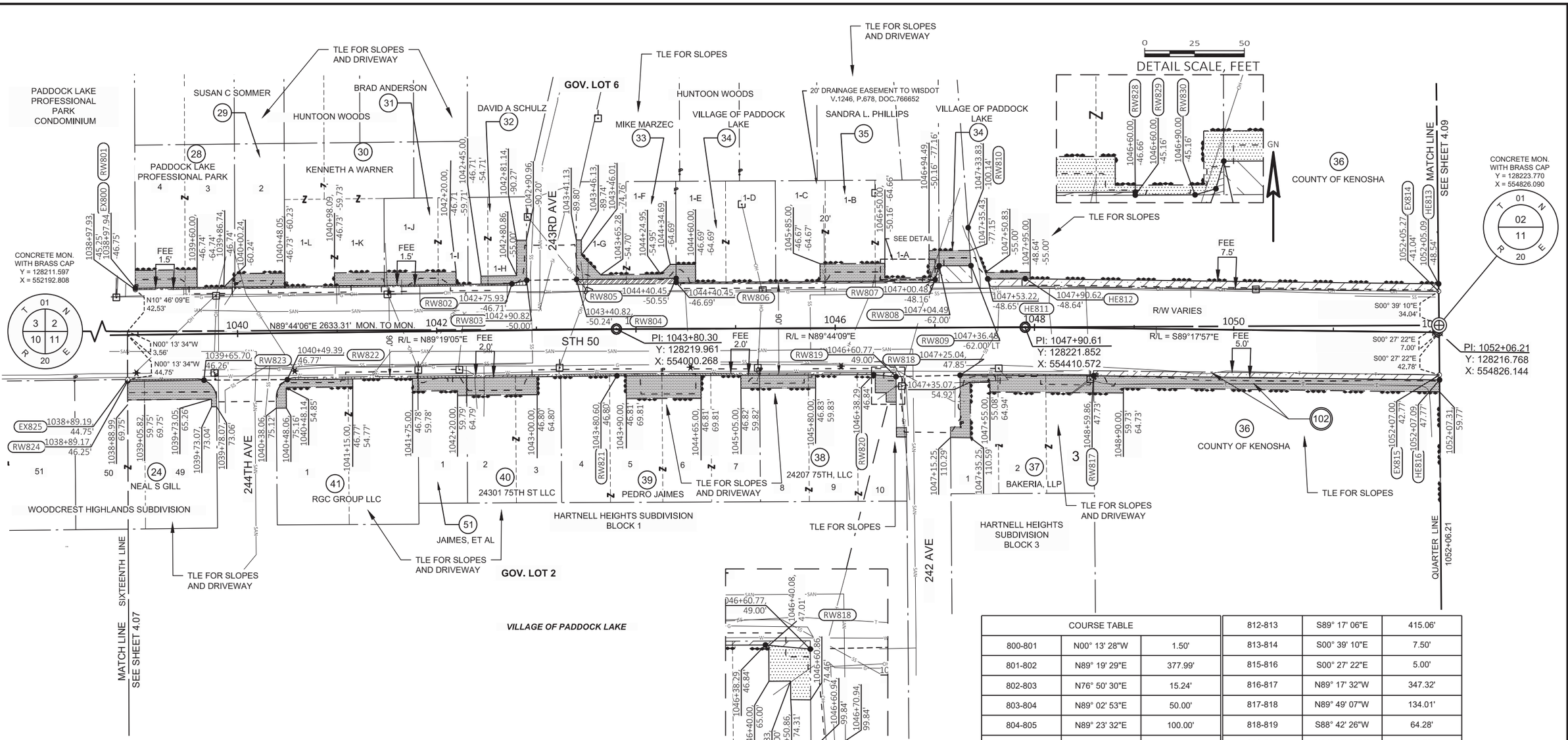
EXISTING ACCESS CONTROL FOR STATE HIGHWAY 50 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

VILLAGE OF PADDOCK LAKE

COURSE TABLE					
700-701	S57° 58' 35"E	57.43'	717-718	S61° 54' 36"E	23.89'
701-702	N89° 44' 06"E	101.50'	718-719	N89° 19' 29"E	317.77'
702-703	N00° 15' 26"W	23.50'	719-720	S89° 32' 10"E	75.45'
703-704	N89° 44' 06"E	306.94'	720-721	N89° 19' 29"E	35.28'
704-705	S00° 15' 51"E	20.00'	721-722	S00° 13' 51"E	1.50'
705-706	N89° 44' 06"E	43.06'	723-724	S00° 13' 34"E	1.50'
706-707	N00° 17' 36"W	2.50'	724-725	S89° 19' 29"W	338.42'
707-708	N89° 44' 06"E	11.94'	725-726	S78° 00' 16"W	10.19'
708-709	S00° 15' 51"E	6.00'	726-727	S89° 19' 29"W	50.77'
709-710	N89° 44' 06"E	145.00'	727-728	S00° 27' 22"E	6.50'
710-711	N00° 15' 51"W	5.00'	728-729	S89° 19' 29"W	34.88'
711-712	N89° 44' 06"E	15.00'	729-730	S00° 40' 55"E	40.03'
712-713	S00° 15' 51"E	5.00'	730-731	S89° 26' 42"W	55.69'
713-714	N89° 44' 06"E	31.22'	731-732	N00° 15' 51"W	34.79'
714-740	N84° 57' 04"E	18.85'	732-733	N59° 33' 33"W	23.38'
740-715	S89° 50' 07"E	28.06'	733-734	S89° 44' 06"W	196.78'
715-716	N81° 29' 31"E	50.54'	734-735	N89° 07' 56"W	75.89'
716-717	N84° 07' 09"E	50.24'	735-736	S89° 44' 06"W	498.21'
			736-737	S60° 48' 46"W	41.90'

REVISION DATE 11/11/2020	DATE August 5, 2020	SCALE, FEET 0 50 100	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.07	
	GRID FACTOR N/A		COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 571	E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0407_RP.DWG
LAYOUT NAME - 4.07
PLOT DATE : 3/9/2021 9:59 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 50	PROJECT 1315-00-22	VARIES	1986
244TH AVE	WOODCREAST HEIGHTS	60'	1951
243RD AVE	HUNTOON WOODS	50'	1925
242ND AVE	HARTNELL HEIGHTS SUBDIVISION	40'	1925

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83(2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

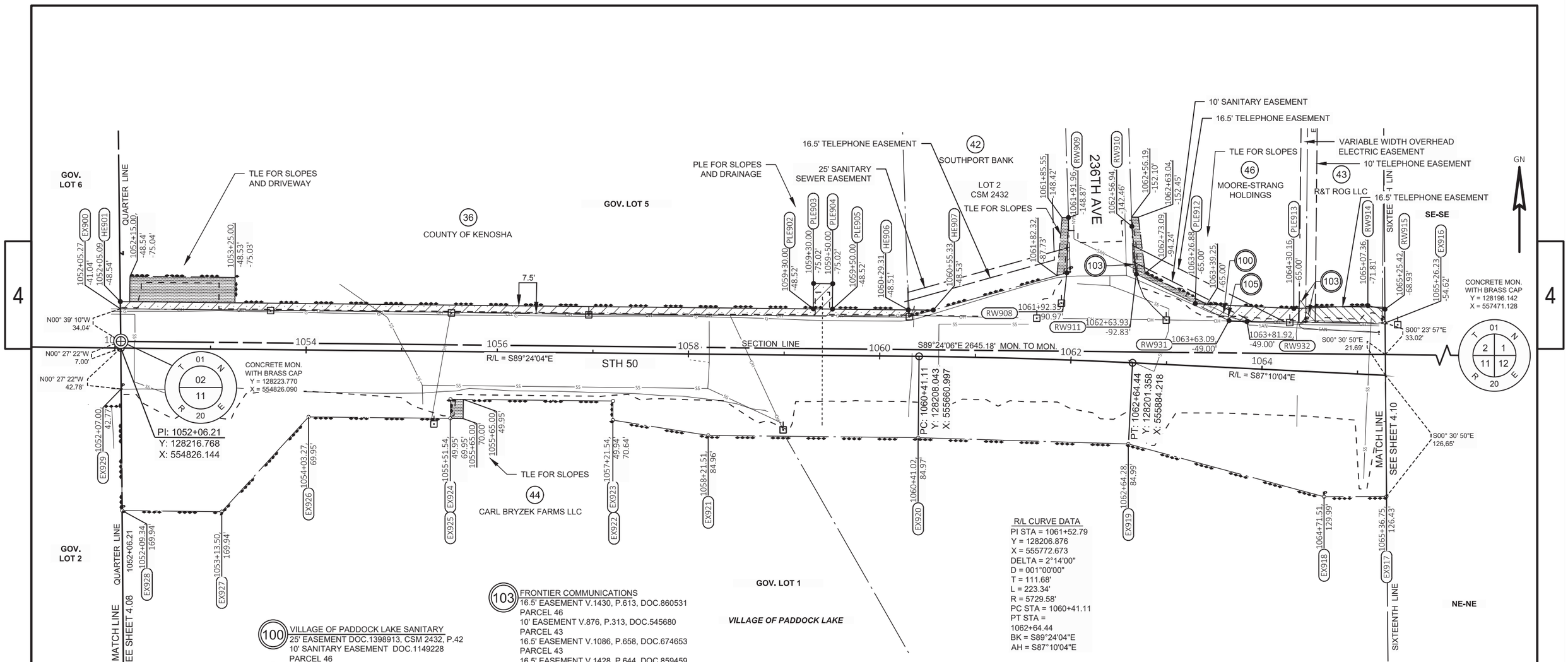
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

EXISTING ACCESS CONTROL FOR STATE HIGHWAY 50 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

COURSE TABLE		
800-801	N00° 13' 28"W	1.50'
801-802	N89° 19' 29"E	377.99'
802-803	N76° 50' 30"E	15.24'
803-804	N89° 02' 53"E	50.00'
804-805	N89° 23' 32"E	100.00'
805-806	S00° 13' 51"E	3.86'
806-828	N89° 44' 34"E	219.55'
828-829	S00° 15' 51"E	1.50'
829-830	N89° 44' 34"E	30.00'
830-807	N73° 46' 03"E	10.90'
807-808	N15° 52' 57"E	14.41'
808-809	N89° 44' 09"E	31.99'
809-810	N04° 14' 11"W	38.23'
810-811	S20° 53' 38"E	55.03'
811-812	N89° 44' 34"E	37.63'
812-813	S89° 17' 06"E	415.06'
813-814	S00° 39' 10"E	7.50'
815-816	S00° 27' 22"E	5.00'
816-817	N89° 17' 32"W	347.32'
817-818	N89° 49' 07"W	134.01'
818-819	S88° 42' 26"W	64.28'
819-820	N84° 45' 52"W	22.58'
820-821	S89° 44' 34"W	257.69'
821-822	S89° 19' 29"W	330.87'
822-823	S89° 40' 02"W	83.69'
823-824	S89° 19' 29"W	76.61'
824-825	N00° 13' 34"W	1.50'

REVISION DATE 11/11/2020 03/08/2021	DATE August 5, 2020	SCALE, FEET 0 50 100	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.08
	GRID FACTOR N/A		COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 572 E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0408_RP.DWG
LAYOUT NAME - 4.08
PLOT DATE : 3/9/2021 11:11 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



R/L CURVE DATA
PI STA = 1061+52.79
Y = 128206.876
X = 555772.673
DELTA = 2°14'00"
D = 001°00'00"
T = 111.68'
L = 223.34'
R = 5729.58'
PC STA = 1060+41.11
PT STA = 1062+64.44
BK = S89°24'04"E
AH = S87°10'04"E

100 VILLAGE OF PADDOCK LAKE SANITARY
25' EASEMENT DOC.1398913, CSM 2432, P.42
10' SANITARY EASEMENT DOC.1149228
PARCEL 46

101 WE ENERGIES - ELECTRIC
ELECTRIC EASEMENT V.519, P.567, DOC.406151
PARCEL 46

103 FRONTIER COMMUNICATIONS
16.5' EASEMENT V.1430, P.613, DOC.860531
PARCEL 46
10' EASEMENT V.876, P.313, DOC.545680
PARCEL 43
16.5' EASEMENT V.1086, P.658, DOC.674653
PARCEL 43
16.5' EASEMENT V.1428, P.644, DOC.859459
PARCEL 42

105 WE ENERGIES - GAS
NO RECORD OF EASEMENT
PARCEL 46

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 50	PROJECT 1315-00-22	VARIES	1986
236TH AVE	CSM 2432	66'	2004

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83(2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

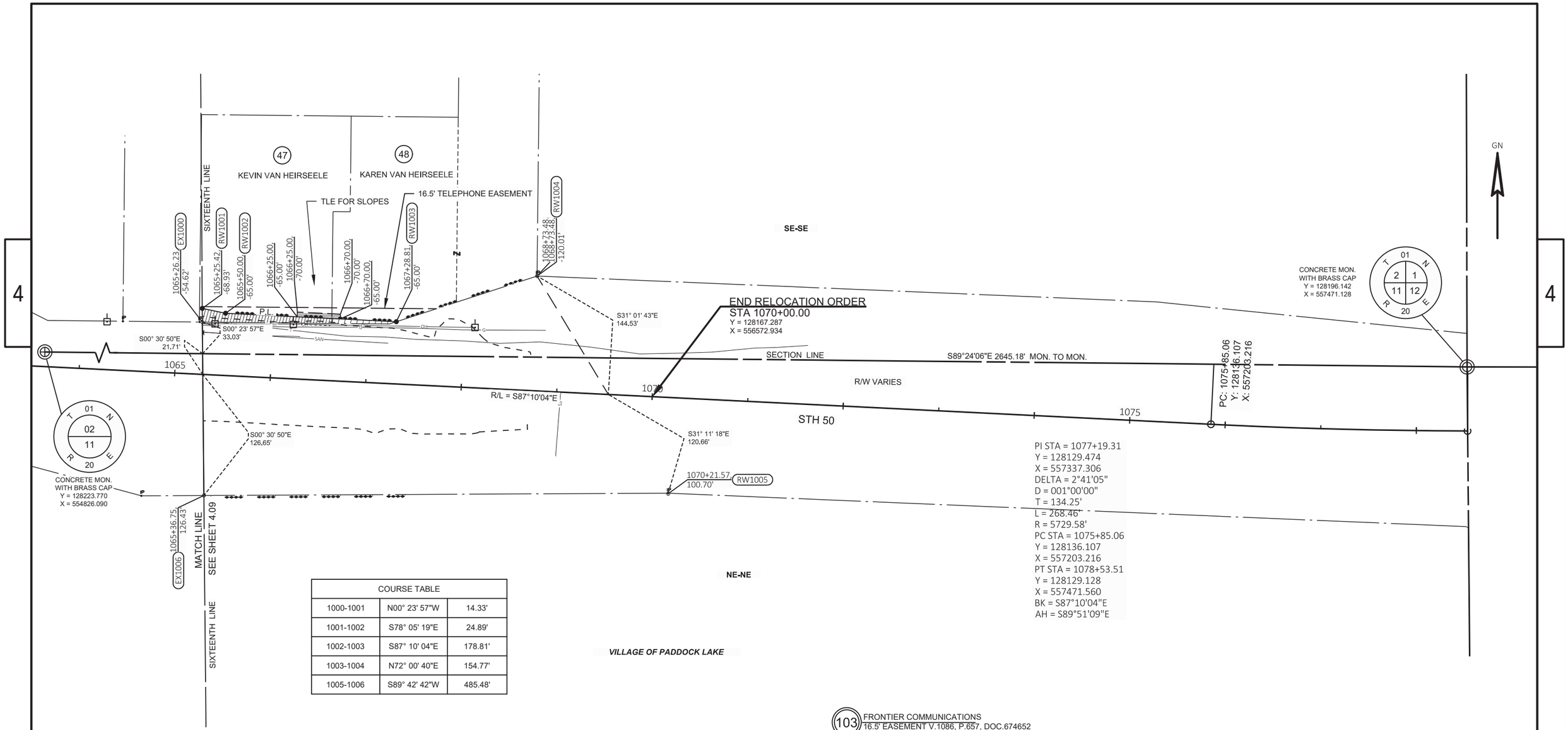
RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

EXISTING ACCESS CONTROL FOR STATE HIGHWAY 50 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

COURSE TABLE			911-912	S63° 19' 31"E	68.84'	924-925	S00° 36' 05"W	20.00'
900-901	N00° 39' 10"W	7.50'	912-913	S87° 10' 04"E	103.28'	925-926	N89° 23' 55"W	148.27'
901-902	S89° 23' 59"E	724.82'	913-914	N87° 47' 17"E	77.50'	926-927	S42° 30' 50"W	134.38'
902-903	N00° 35' 56"E	26.50'	914-915	S78° 05' 19"E	18.29'	927-928	N89° 23' 55"W	104.16'
903-904	S89° 23' 59"E	20.00'	915-916	S00° 23' 57"E	14.33'	928-929	N00° 27' 22"W	127.19'
904-905	S00° 35' 56"W	26.50'	917-918	S89° 42' 43"W	65.34'	912-931	S63° 19' 31"E	39.58'
905-906	S89° 23' 59"E	79.31'	918-919	N74° 54' 52"W	212.06'	931-932	S87° 10' 04"E	18.84'
906-907	S89° 23' 59"E	26.15'	919-920	N88° 16' 56"W	219.93'	932-916	N89° 23' 55"W	144.42'
907-908	N74° 24' 41"E	145.03'	920-921	N89° 23' 55"W	219.51'			
908-909	N01° 42' 33"E	57.90'	921-922	N80° 52' 04"W	101.12'			
909-910	S82° 04' 35"E	66.94'	922-923	N00° 41' 21"E	20.00'			
910-911	S05° 23' 010"E	50.15'	923-924	N89° 23' 55"W	170.00'			

REVISION DATE 11/11/2020	DATE August 5, 2020	SCALE, FEET 0 50 100	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.09	
	GRID FACTOR N/A		COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 573	E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0409_RP.DWG
LAYOUT NAME - 4.09
PLOT DATE : 3/9/2021 9:57 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT



COURSE TABLE		
1000-1001	N00° 23' 57"W	14.33'
1001-1002	S78° 05' 19"E	24.89'
1002-1003	S87° 10' 04"E	178.81'
1003-1004	N72° 00' 40"E	154.77'
1005-1006	S89° 42' 42"W	485.48'

HWY	BASIS OF EXISTING R/W	R/W WIDTH	YEAR
STH 50	PROJECT 1315-00-22	VARIES	

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), KENOSHA COUNTY, NAD83(2007) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

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EXISTING ACCESS CONTROL FOR STATE HIGHWAY 50 IS BASED ON PREVIOUS RIGHT OF WAY PROJECT 1315-00-22.

REVISION DATE 11/11/2020	DATE August 5, 2020	SCALE, FEET 0 50 100	HWY: STH 50	R/W PROJECT NUMBER 1310-04-20	PLAT SHEET 4.10
	GRID FACTOR N/A		COUNTY: KENOSHA	CONSTRUCTION PROJECT NUMBER 1310-04-70	PS&E SHEET 574 E

FILE NAME : V:\SURVEY\WK\76-0103.00 75TH ST-VILLAGE OF PADDOCK LAKE-STH50_1310-04-00\CADD\C3D\RW\RW PLAT SHEETS\13100420_0410_RP.DWG
LAYOUT NAME - 4.10
PLOT DATE : 3/9/2021 9:56 AM PLOT BY : LARSON, BENJAMIN PLOT NAME : PLOT SCALE : 1 IN:100 FT

N

LEGEND

X INDIVIDUAL TREE TO BE REMOVED

CHUNG HWE PARK

EXISTING R/W

CAUTION

SLOPE INTERCEPT

FRED & CHRIS INVESTMENT CO
25630 75TH ST

FRED & CHRIS INVESTMENT CO
25614 75TH ST

TLE

EXISTING R/W

PROPOSED R/W

VILLAGE OF SALEM LAKES
VILLAGE OF PADDOCK LAKE

PC: 992+90.28

PT: 996+54.40

MATCHLINE

STA 997+00

991+00 992+00 993+00 994+00 995+00 996+00 997

11' 12' 20' 12' 11'

STH 50

WB PGL

STH 50 R/L

EB PGL

CONC

CURVE #1
PI STA = 994+72.40
DELTA = 3°38'28"
D = 1°00'00"
T = 182.12'
L = 364.12'
R = 5729.58'
PC STA = 992+90.28
PT STA = 996+54.40

BEGIN PROJECT
STA 994+20.00
Y=128,208.038
X=549,040.120

VILLAGE OF SALEM LAKES
VILLAGE OF PADDOCK LAKE

SLOPE INTERCEPT

EXISTING R/W

BREG2 LLC

5

5

991+00 992+00 993+00 994+00 995+00 996+00 997+00

835 830 825 820

PROPOSED PROFILE ALONG WB PGL
EXISTING PROFILE ALONG WB PGL
EXISTING PROFILE ALONG EB PGL
PROPOSED PROFILE ALONG EB PGL

VCL = 225.00
K = 202.79

VPI STA 994+86.06'EB'
VPI EL 825.81

VPT STA 995+46.06'EB'
VPT EL 826.25

STA 994+21.06'EB'
EL 825.10

VPC STA 994+26.06'EB'
VPC EL 825.15

1.10%'EB'

0.74%'EB'

1.05%'WB'

0.61%'WB'

STA 994+20.02'WB'
EL 823.44

VPC STA 994+20.98'WB'
VPC EL 823.45

VPI STA 994+80.98'WB'
VPI EL 824.07

VCL = 120.00
K = 329.93

VCL = 120.00
K = 277.20

VPT STA 995+40.98'WB'
VPT EL 824.44

VPC STA 995+62.50'WB'
VPC EL 824.57

VPI STA 996+75.00'WB'
VPI EL 825.26

EB PGL EXISTING PROFILE ELEVATION

WB PGL EXISTING PROFILE ELEVATION

EB PGL PROPOSED PROFILE ELEVATION

WB PGL PROPOSED PROFILE ELEVATION

823.86 825.46 | 823.73 825.41 | 824.33 825.87 | 824.16 825.88 | 824.91 826.41 | 824.50 826.28 | 825.47 826.91 | 824.84 826.65 | 826.06 827.51 | 825.30 827.02 | 826.75 828.12 | 825.88 827.39

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 575	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PP_01

PLOT DATE : 7/30/2021 2:46 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

FRED & CHRIS INVESTMENT CO
25614 75TH ST

SEE-WHY INVERSTMENT LLC
25600 75TH ST

O'REILLY AUTOMOTIVE STORES INC
25550 75TH ST

TRIPLE B REAL ESTATE LLC
25406 75TH ST

BUSINESS SIGN TO REMAIN

SIGN TO BE MOVED BY OWNER PRIOR TO CONSTRUCTION

EXISTING BUSINESS SIGN TO REMAIN

EXISTING BUSINESS SIGN TO REMAIN

PROPOSED R/W

PROPOSED R/W

PROPOSED R/W

SLOPE INTERCEPT

PIPE RAILING

TLE

VILLAGE OF PADDOCK LAKE

VILLAGE OF SALEM LAKES

PI: 999+20.31

997+00

998+00

999+00

1000+00

1001+00

1002+00

1003+00

MATCHLINE

MATCHLINE

STH 50

WB PGL

EB PGL

STH 50 R/L

225' LEFT TURN LANE

CLOSE EXISTING MEDIAN OPENING

8:1 TAPER

8:1 TAPER

8:1 TAPER

340' RIGHT TURN LANE

11'

12'

20'

12'

11'

10'

10'

12'

11'

12'

90°

CTH F R/L

CTH F/256TH AVE

CAUTION

CAUTION

EXISTING R/W

SLOPE INTERCEPT

VILLAGE OF SALEM LAKES

VILLAGE OF PADDOCK LAKE

BREG2 LLC

EXISTING BUSINESS SIGN TO REMAIN GRADE AROUND BASES

EXISTING STORM SEWER TO REMAIN

GRADE AROUND EXISTING BUSINESS SIGN AND CLEAN OUT

EXISTING INLET TO REMAIN

ADJUST SANITARY MANHOLE

ROGER L BERMAN
25401 75TH ST

PADDOCK LAKE BP LLC
25555 75TH ST

LEGEND

SLOPE INTERCEPT

INDIVIDUAL TREE TO BE REMOVED

EXISTING R/W

TLE

N

5

5

CTH F

VPI STA 1002+65.50'EB'
VPI EL 836.27

VPI STA 1002+81.09'WB'
VPI EL 835.70

HP STA 1002+27.11'EB'
HP EL 832.81

HP STA 1002+33.10'WB'
HP EL 832.47

VCL = 225.00
K = 202.79

VCL = 150.00
K = 136.17

EXISTING PROFILE ALONG EB PGL

VPT STA 999+12.48'EB'
VPT EL 829.78

VPC STA 999+28.00
VPC EL 830.06

VPC STA 999+53.59
VPC EL 830.06

1.84%'EB'

EXISTING PROFILE ALONG WB PGL

VPC STA 997+62.48'EB'
VPC EL 827.85

1.72%'WB'

PROPOSED PROFILE ALONG EB PGL

VPI STA 998+37.48'EB'
VPI EL 828.40

PROPOSED PROFILE ALONG WB PGL

VCL = 675.00
K = 162.76

VCL = 655.00
K = 162.33

WB PGL EXISTING ELEVATION

EB PGL EXISTING ELEVATION

WB PGL PROPOSED ELEVATION

EB PGL PROPOSED ELEVATION

VPT STA 997+87.50'WB'
VPT EL 827.20

840
835
830
825

826.75 828.12 | 827.47 828.60 | 828.15 829.15 | 828.77 829.64 | 829.71 830.29 | 830.39 830.89 | 831.07 831.62 | 831.42 832.00 | 831.73 832.08 | 832.05 832.47 | 832.35 832.71 | 832.27 832.54 | 831.96 832.12

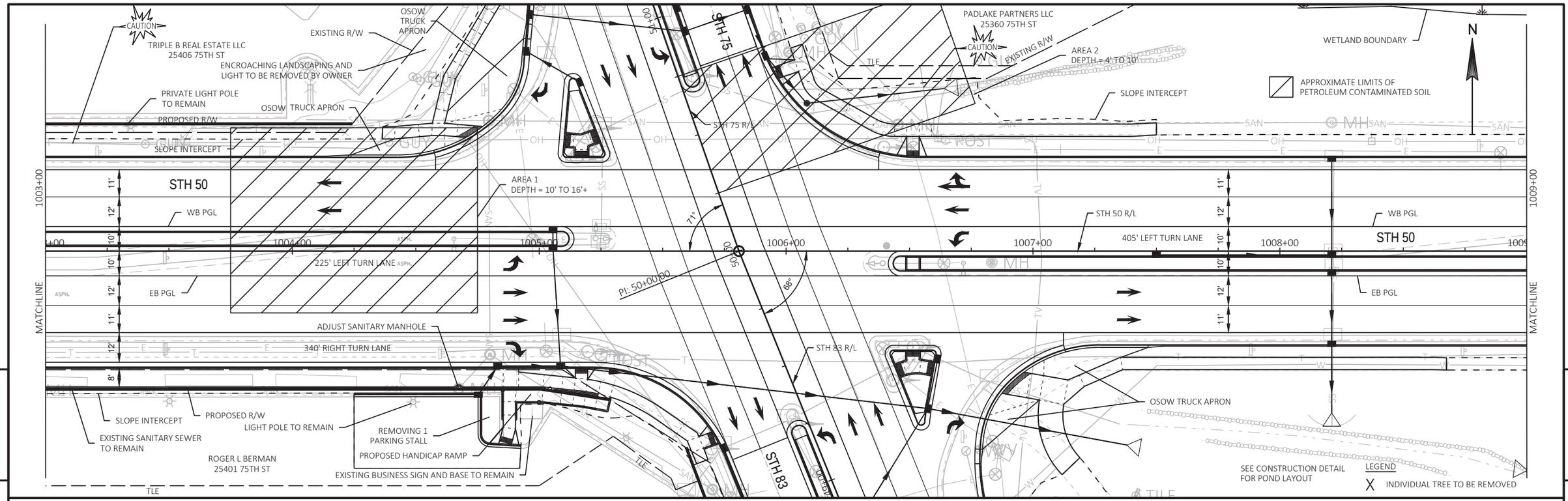
825.88 827.39 | 826.59 827.76 | 827.41 828.18 | 828.28 828.77 | 829.14 829.55 | 830.00 830.45 | 830.79 831.23 | 831.43 831.85 | 831.92 832.32 | 832.25 832.63 | 832.43 832.79 | 832.46 832.80 | 832.33 832.65

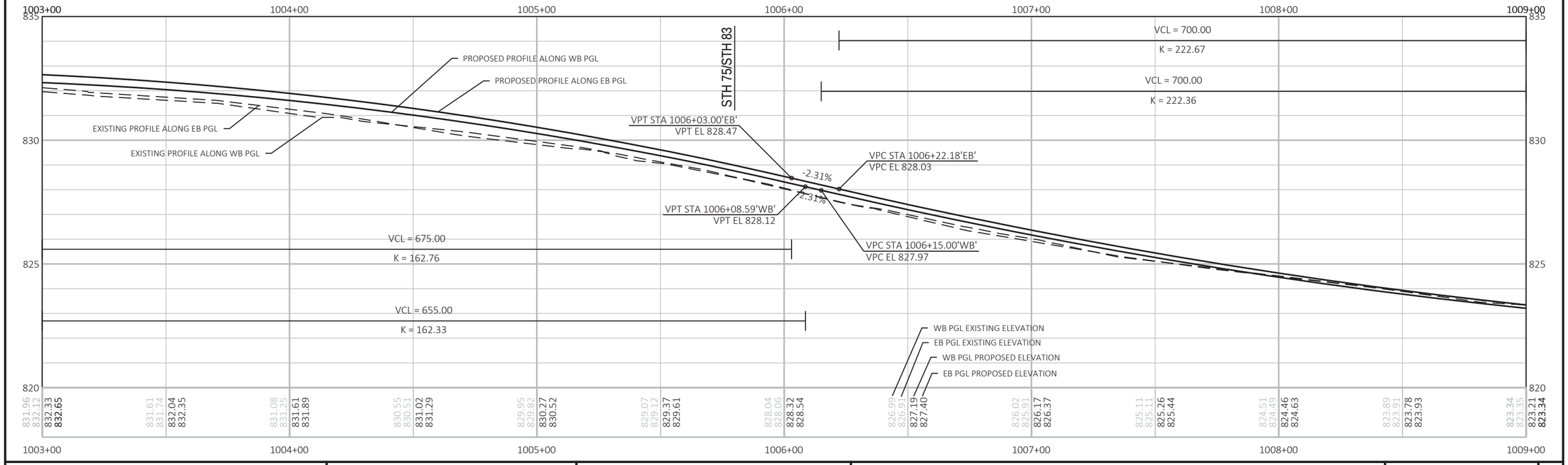
997+00 998+00 999+00 1000+00 1001+00 1002+00 1003+00

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 576	E

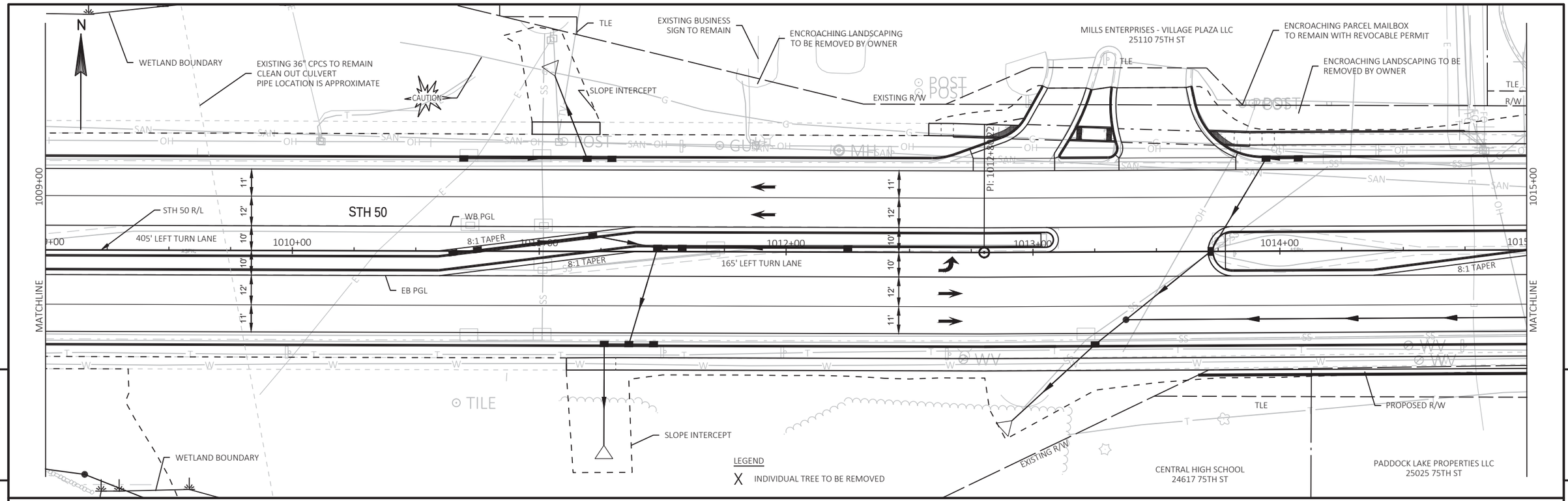
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PP_02

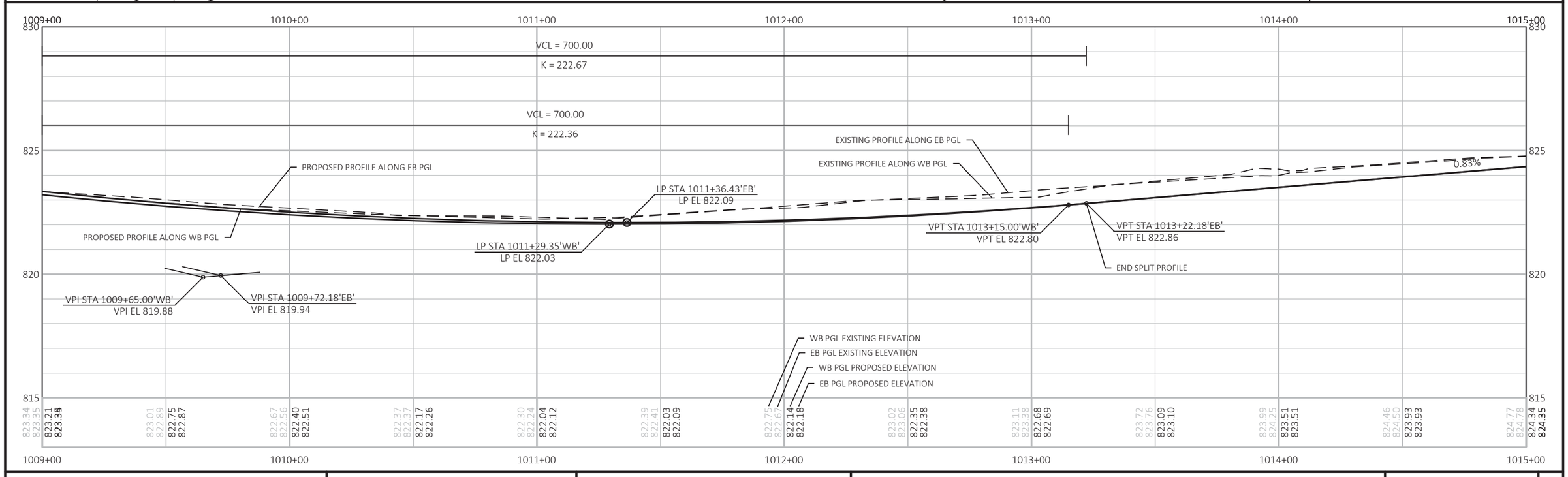
PLOT DATE : 7/30/2021 2:46 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 577	E

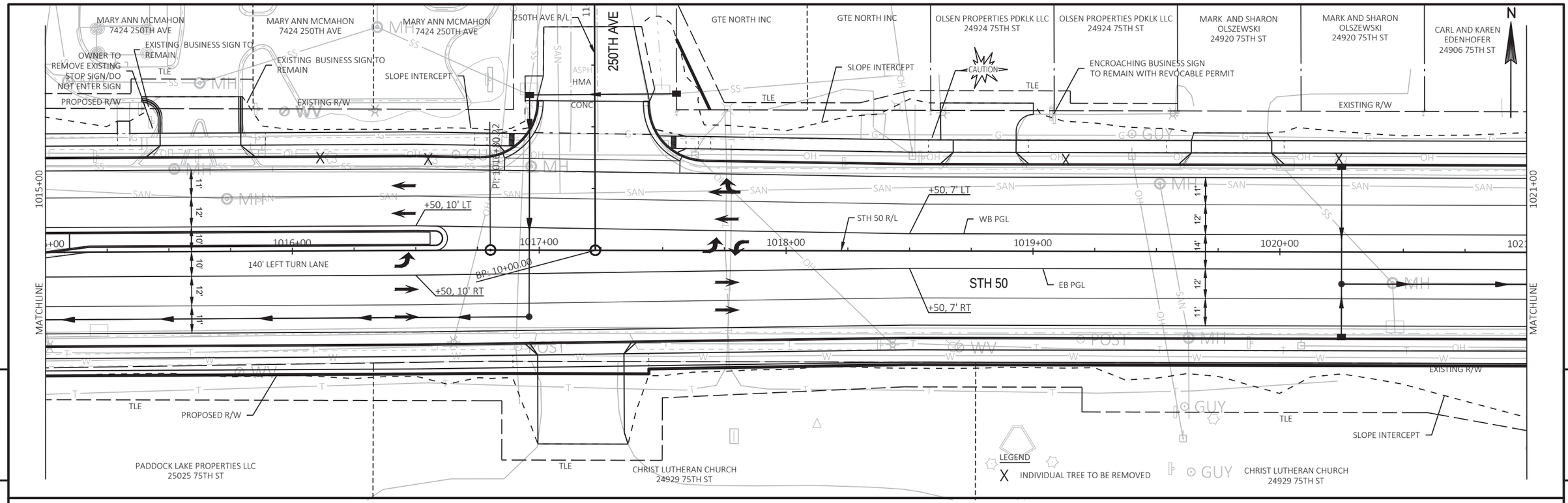


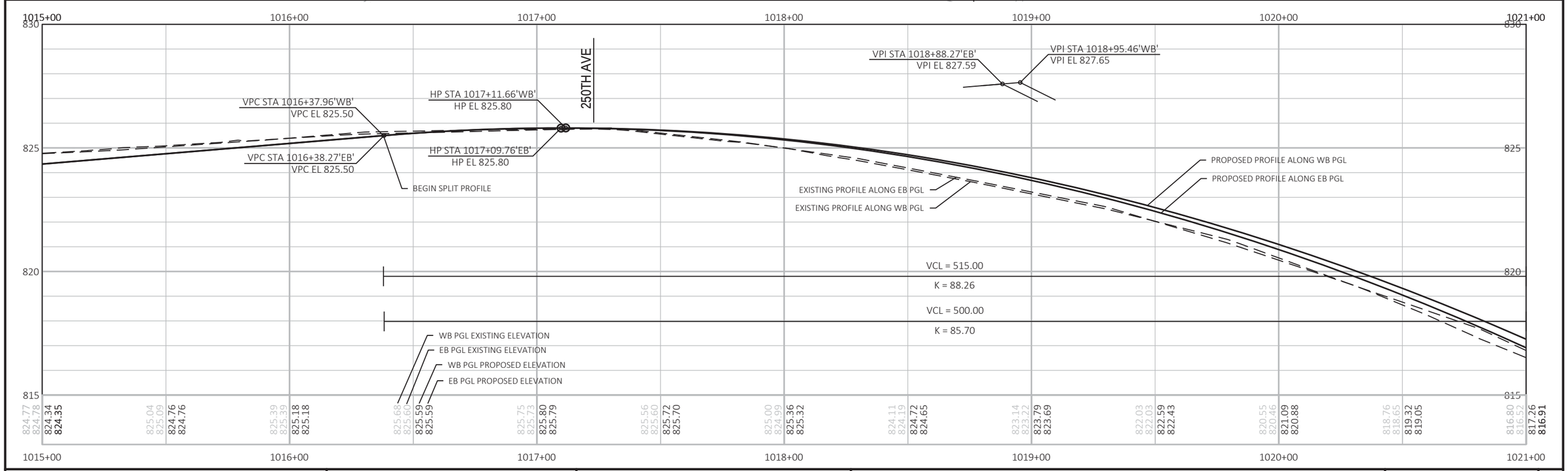


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 578	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PP_04

PLOT DATE : 7/30/2021 2:46 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 579	E

CARL AND KAREN EDENHOFER
24906 75TH ST

NEW MIDWEST WISCONSIN LLC
24820 75TH ST

NEW MIDWEST WISCONSIN LLC
24820 75TH ST

NEW MIDWEST WISCONSIN LLC
24820 75TH ST

NEW MIDWEST WISCONSIN LLC
24820 75TH ST

HANS AND HELGA LANGENSTROER
24804 75TH ST

HANS AND HELGA LANGENSTROER
24804 75TH ST

HANS AND HELGA LANGENSTROER
24804 75TH ST

RMDB COOL LLC
24740 75TH ST

RMDB COOL LLC
24740 75TH ST

N

248TH AVE
R/L

248TH AVE

SLOPE INTERCEPT

ENCROACHING LANDSCAPING TO BE REMOVED BY OWNER

CAUTION

3 ENCROACHING PARKING STALLS TO REMAIN BY REVOCABLE PERMIT

ENCROACHING LANDSCAPING TO BE REMOVED BY OWNER

SLOPE INTERCEPT

TLE

EXISTING R/W

TLE

EXISTING R/W

TLE

CONC CURB PEDESTRIAN

EXISTING R/W

ASPH

HMA

CONC

PROPOSED R/W

PI: 1025+72.74

EXISTING BUSINESS SIGN TO REMAIN

1021+00

1027+00

STH 50 R/L

WB PGL

STH 50

EP: 20+00.00

90°

BP: 20+00.00

90°

1022+00

1023+00

1024+00

1025+00

1026+00

EB PGL

MATCHLINE

MATCHLINE

11'

12'

14'

12'

11'

EXISTING R/W

PROPOSED R/W

SLOPE INTERCEPT

WALL AND FENCE TO REMAIN

PROP R/W

AREA 3
DEPTH = 4' TO 8'

TLE

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOIL

REMOVE & REPLACE WALL AND FENCE

HIGH SCHOOL WEST DRIVEWAY

HIGH SCHOOL WEST DRIVEWAY R/L

PT: 19+04.35

CHRIST LUTHERAN CHURCH
24929 75TH ST

LEGEND

X INDIVIDUAL TREE TO BE REMOVED

GEOGRID TYPE SR TO BE INSTALLED STA 1020+00 TO STA 1030+00

CENTRAL HIGH SCHOOL
24617 75TH ST

CENTRAL HIGH SCHOOL
24617 75TH ST

5

5

1021+00 1022+00 1023+00 1024+00 1025+00 1026+00 1027+00

820 815 810 805 795

EXISTING PROFILE ALONG EB PGL

EXISTING PROFILE ALONG WB PGL

VPT STA 1021+38.27'EB'
VPT EL 815.09

VPT STA 1021+52.96'WB'
VPT EL 814.77

PROPOSED PROFILE ALONG EB PGL

PROPOSED PROFILE ALONG WB PGL

VCL = 515.00

K = 88.26

VCL = 500.00

K = 85.70

-5.00%

-5.00%

VCL = 335.00

K = 39.41

VCL = 400.00

K = 40.00

VCL = 105.00

K = 69.94

VPC STA 1023+17.21'WB'
VPC EL 806.56

VPC STA 1023+14.32'EB'
VPC EL 806.28

SCHOOL DWY

248TH AVE

VPC STA 1026+57.50'WB'
VPC EL 804.23

VPT STA 1026+52.21'WB'
VPT EL 804.05

3.50%'WB'

PROPOSED PROFILE ALONG EB PGL

PROPOSED PROFILE ALONG WB PGL

LP STA 1025+14.27'WB'
LP EL 801.63

LP STA 1025+14.30'EB'
LP EL 801.28

EXISTING PROFILE ALONG WB PGL

EXISTING PROFILE ALONG EB PGL

VPI STA 1024+84.71'WB'
VPI EL 798.18

VPI STA 1025+14.32'EB'
VPI EL 796.28

WB PGL EXISTING ELEVATION

EB PGL EXISTING ELEVATION

WB PGL PROPOSED ELEVATION

EB PGL PROPOSED ELEVATION

| | | |

RMDB COOL LLC
24740 75TH ST

J A BECKER PROPERTIES LLC
24708 75TH ST

J A BECKER PROPERTIES LLC
24708 75TH ST

J A BECKER PROPERTIES LLC
24708 75TH ST

J A BECKER PROPERTIES LLC
24708 75TH ST

RICHARD AND JAYNE BENSON
24706 75TH ST

RICHARD AND JAYNE BENSON
24706 75TH ST

RICHARD AND JAYNE BENSON
24706 75TH ST

REALTY INCOME
PROPERTIES 6 LLC
24616 75TH ST

REALTY INCOME
PROPERTIES 6 LLC
24616 75TH ST

REALTY INCOME
PROPERTIES 6 LLC
24616 75TH ST

REALTY INCOME
PROPERTIES 6 LLC
24616 75TH ST

N

PROPOSED R/W
TLE
PLE
R-30-71
(SEE STRUCTURE PLAN)
BUSINESS SIGN TO BE
REMOVE BY OWNER
TRENCH DRAIN
(SEE CONSTRUCTION DETAIL)
SLOPE INTERCEPT
BUSINESS SIGN TO BE
REMOVED BY OWNER
R-30-70
(SEE STRUCTURE
PLAN)
PROPOSED R/W
TRENCH DRAIN
(SEE CONSTRUCTION
DETAIL)
PLE
TRENCH DRAIN
(SEE CONSTRUCTION DETAIL)
12" SURFACE DRAIN
CAUTION
PARKING LOT CURB
(SEE CONSTRUCTION DETAIL)
TLE
PROPOSED
R/W
PLE
BUSINESS SIGN TO REMAIN

1027+00
1033+00
MATCHLINE
MATCHLINE

CAUTION
PIPE UNDERDRAIN UNPERFORATED 8-INCH
PIPE UNDERDRAIN UNPERFORATED
8-INCH
STH 50
WB PGL
STH 50 R/L
EB PGL
+00, 7' LT
+00, 9' LT
+00
1028+00
1029+00
1030+00
1031+00
1032+00
6:1 TAPER
125' LEFT
TURN LANE
+00, 7' RT
+00, 9' RT
PIPE UNDERDRAIN UNPERFORATED 6-INCH
11'
12'
14'
12'
11'
11'
12'
8'
10'
12'
11'
PROPOSED R/W
SLOPE INTERCEPT
PROPOSED R/W
TLE
GEOGRID TYPE SR TO BE INSTALLED STA 1020+00 TO STA 1030+00

LEGEND
INDIVIDUAL TREE TO BE REMOVED

CENTRAL HIGH SCHOOL
24617 75TH ST

5
5

1027+00
1028+00
1029+00
1030+00
1031+00
1032+00
1033+00

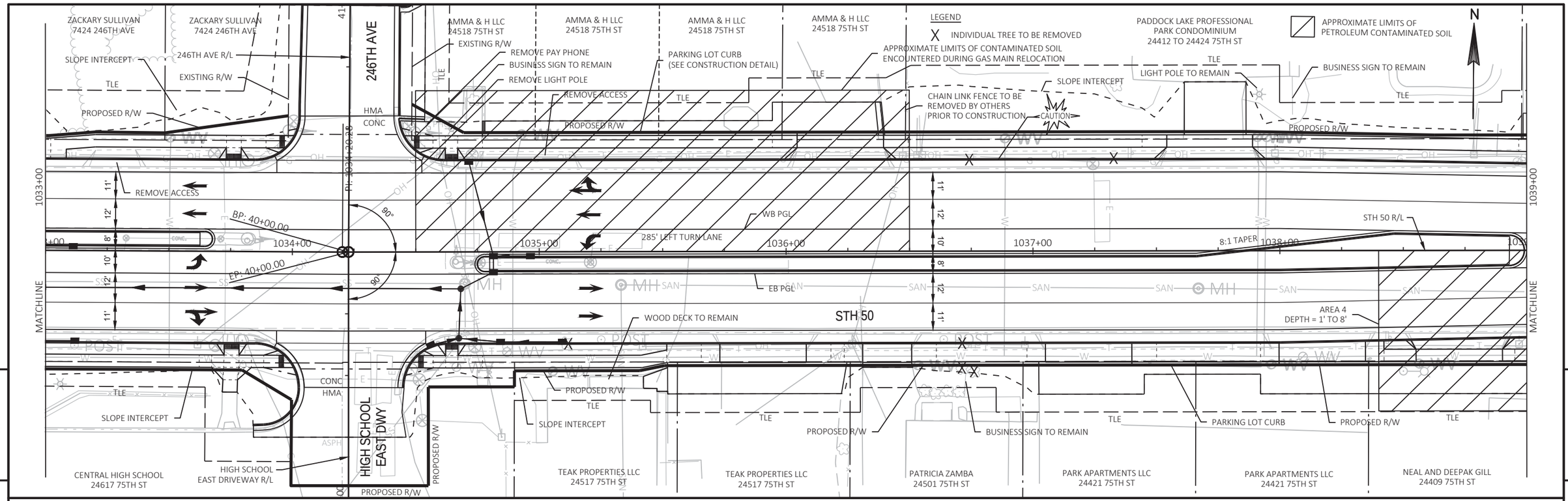
VCL = 105.00
K = 69.94
VCL = 400.00
K = 40.00
VPT STA 1027+62.50'WB'
VPT EL 808.70
5.00%
PROPOSED PROFILE ALONG EB & WB PGL
EXISTING PROFILE ALONG EB PGL
EXISTING PROFILE ALONG WB PGL
END SPLIT PROFILE
VPT STA 1027+14.32'EB'
VPT EL 806.29
VPI STA 1027+10.00'WB'
VPI EL 806.07
VPC STA 1028+52.50
VPC EL 813.20
VPI STA 1030+15.00
VPI EL 821.32
0.58%
VPT STA 1031+77.50
VPT EL 822.27
VCL = 325.00
K = 73.58
WB PGL EXISTING ELEVATION
EB PGL EXISTING ELEVATION
WB PGL PROPOSED ELEVATION
EB PGL PROPOSED ELEVATION

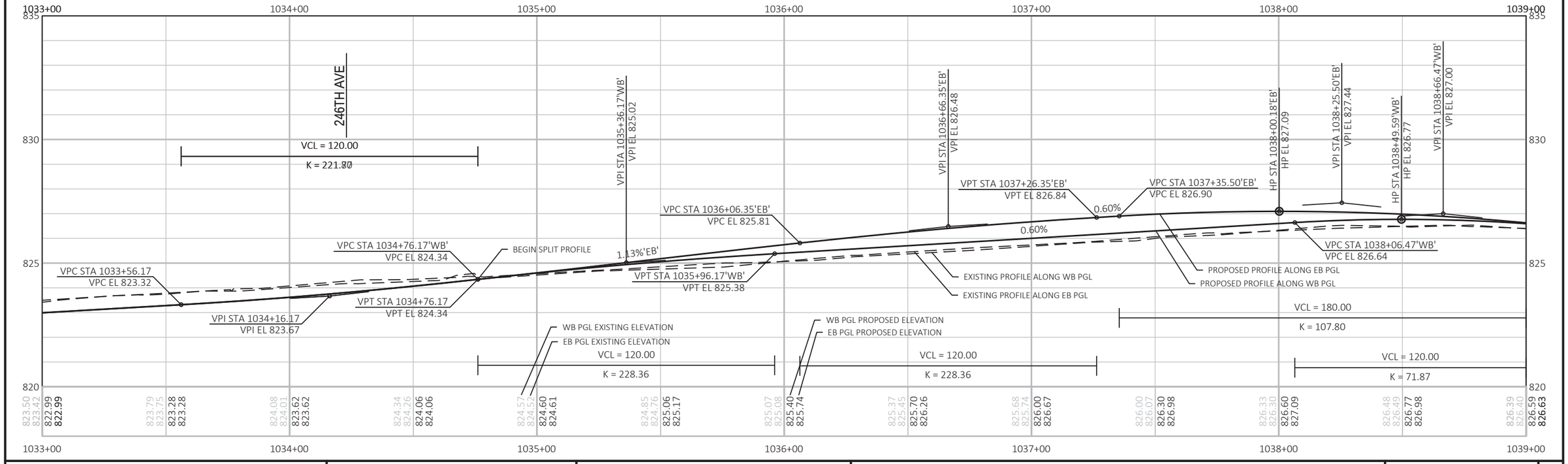
1027+00	1028+00	1029+00	1030+00	1031+00	1032+00	1033+00
805.83 / 805.85	808.11 / 808.08	810.60 / 810.57	812.97 / 813.07	815.22 / 815.42	817.23 / 817.43	818.96 / 819.10
805.88 / 805.60	808.20 / 808.07	810.69 / 810.57	813.02 / 813.07	815.29 / 815.42	817.25 / 817.43	818.83 / 819.10

820.29 / 820.42	821.43 / 821.41	822.27 / 822.06	822.77 / 822.40	823.17 / 822.70	823.50 / 822.99
820.29 / 820.42	821.48 / 821.41	822.26 / 822.06	822.74 / 822.41	823.11 / 822.70	

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 581	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PP_07
PLOT DATE : 7/30/2021 2:47 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :
PLOT SCALE : 1 IN:40 FT





PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 582	E

PADDOCK LAKE PROFESSIONAL PARK 24408 75TH ST

PADDOCK LAKE PROFESSIONAL PARK 24408 75TH ST

SUSAN SOMMER 24332 75TH ST

KENNETH AND PATRICIA WARNER 24318 75TH ST

KENNETH AND PATRICIA WARNER 24318 75TH ST

BRAD ANDERSON 24316 75TH ST

BRAD ANDERSON 24316 75TH ST

DAVID SCHULZ SCOTT VANWILLIGEN

MIKE MARZEC 24230 75TH ST

MIKE MARZEC 24230 75TH ST

VILLAGE OF PADDOCK LAKE

N

LEGEND

X INDIVIDUAL TREE TO BE REMOVED

BUSINESS SIGN TO REMAIN

TLE

CAUTION

PROPOSED R/W

SLOPE INTERCEPT

ASPH

HMA

CONC

243RD AVE

243RD AVE R/L

R:30-73 (SEE STRUCTURE PLAN)

PI: 1043+80.00

1039+00

1040+00

1041+00

1042+00

1043+00

1044+00

1045+00

MATCHLINE

STH 50

STH 50 R/L

WB PGL

EB PGL

AREA 4 DEPTH = 1' TO 8'

EP: 65+00.00

BP: 70+00.00

90°

11'

12'

14'

12'

11'

PROPOSED R/W

BUSINESS SIGN TO REMAIN

TLE

ENCROACHING CONCRETE BASE TO BE REMOVED BY OWNER

ENCROACHING LIGHT POLE TO REMAIN

NEAL AND DEEPAK GILL 24409 75TH ST

EXISTING R/W

244TH AVE R/L

244TH AVE

CONC

HMA

ASPH

ENCROACHING PARKING LOT TO BE REMOVED BY OWNER

EXISTING R/W

RGC GROUP LLC 24317 75TH ST

RGC GROUP LLC 24317 75TH ST

PEDRO JAIMES 24311 75TH ST

SLOPE INTERCEPT

REMOVE & REPLACE CONCRETE STEPS

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOIL

24301 75TH ST LLC 24301 75TH ST

24301 75TH ST LLC 24301 75TH ST

REMOVE ACCESS

EXISTING ENCROACHING BUSINESS SIGN TO REMAIN WITH REVOCABLE PERMIT

PEDRO JAIMES 24231 75TH ST

PEDRO JAIMES 24231 75TH ST

REMOVE & REPLACE CONCRETE STEPS

PEDRO JAIMES 24221 75TH ST

PEDRO JAIMES 24221 75TH ST

5

5

1039+00 1040+00 1041+00 1042+00 1043+00 1044+00 1045+00

835 830 825 820

244TH AVE

VCL = 120.00

K = 210.63

VCL = 150.00

K = 319.34

243RD AVE

VPT STA 1039+15.50'EB'
VPT EL 826.48

VPT STA 1039+26.47'WB'
VPT EL 826.36

END SPLIT PROFILE

BEGIN SPLIT PROFILE

-1.07%'EB'

-1.07%'WB'

EXISTING PROFILE ALONG WB PGL

EXISTING PROFILE ALONG EB PGL

VPC STA 1040+10.00'WB'
VPC EL 825.47

VPC STA 1040+16.17'EB'
VPC EL 825.40

VPI STA 1040+85.00'WB'
VPI EL 824.66

VPI STA 1040+76.17'EB'
VPI EL 824.76

VPT STA 1041+36.17'EB'
VPT EL 824.46

VPC STA 1041+89.33'WB'
VPC EL 824.04

VPC STA 1041+92.32'EB'
VPC EL 824.18

-0.50%'EB'

-0.60%'WB'

VPT STA 1041+60.00'WB'
VPT EL 824.21

VPI STA 1042+52.32'EB'
VPI EL 823.88

VPI STA 1042+89.33'WB'
VPI EL 823.44

-1.31%'EB'

-1.30%'WB'

VPT STA 1043+89.33'WB'
VPT EL 822.14

VPC STA 1044+35.76'WB'
VPC EL 821.54

VPT STA 1043+12.32'EB'
VPT EL 823.09

VPC STA 1044+06.90'EB'
VPC EL 821.86

VCL = 350.00

K = 174.21

VCL = 300.00

K = 150.17

VCL = 120.00

K = 71.87

VCL = 180.00

K = 107.80

WB PGL EXISTING ELEVATION

EB PGL EXISTING ELEVATION

WB PGL PROPOSED ELEVATION

EB PGL PROPOSED ELEVATION

PROPOSED PROFILE ALONG WB PGL

PROPOSED PROFILE ALONG EB PGL

VCL = 120.00

K = 148.65

VCL = 200.00

K = 287.39

826.39 826.40 | 826.59 826.63 | 826.15 826.09 | 826.11 826.11 | 825.71 825.76 | 825.57 825.57 | 825.26 825.28 | 825.06 825.06 | 825.01 824.87 | 824.63 824.67 | 824.52 824.44 | 824.27 824.39 | 824.06 823.92 | 823.97 824.14 | 823.61 823.54 | 823.61 823.78 | 823.16 823.14 | 823.16 823.25 | 822.77 822.75 | 822.62 822.60 | 822.34 822.31 | 822.00 821.95 | 821.83 821.83 | 821.36 821.35 | 821.43 821.39 | 820.84 820.89

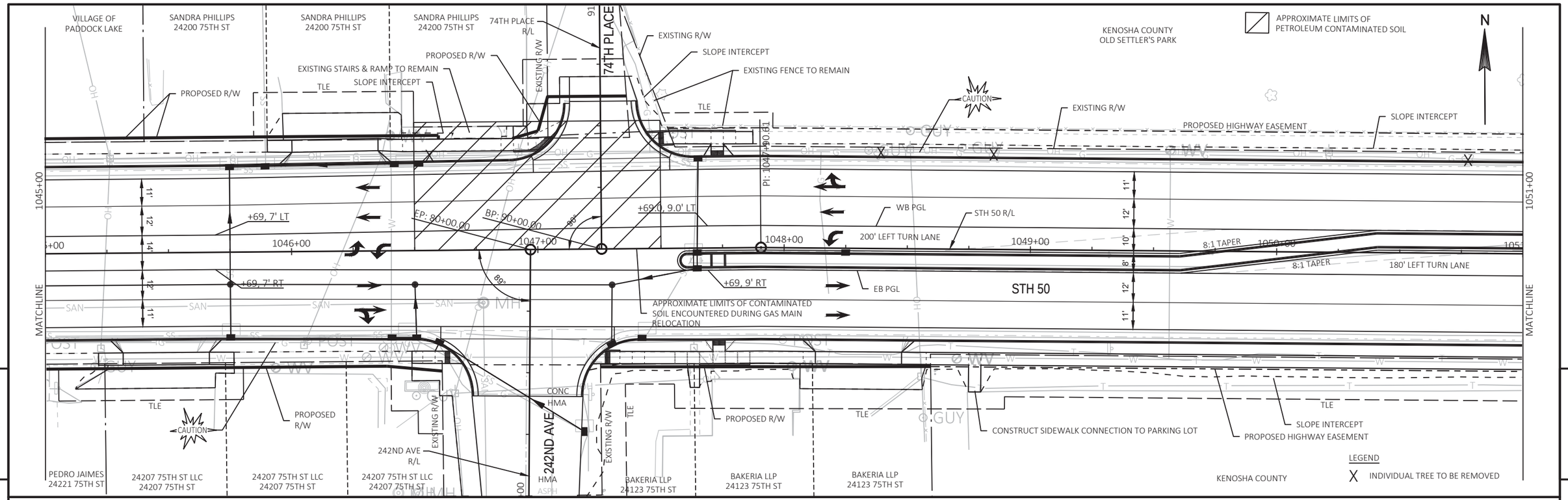
1039+00 1040+00 1041+00 1042+00 1043+00 1044+00 1045+00

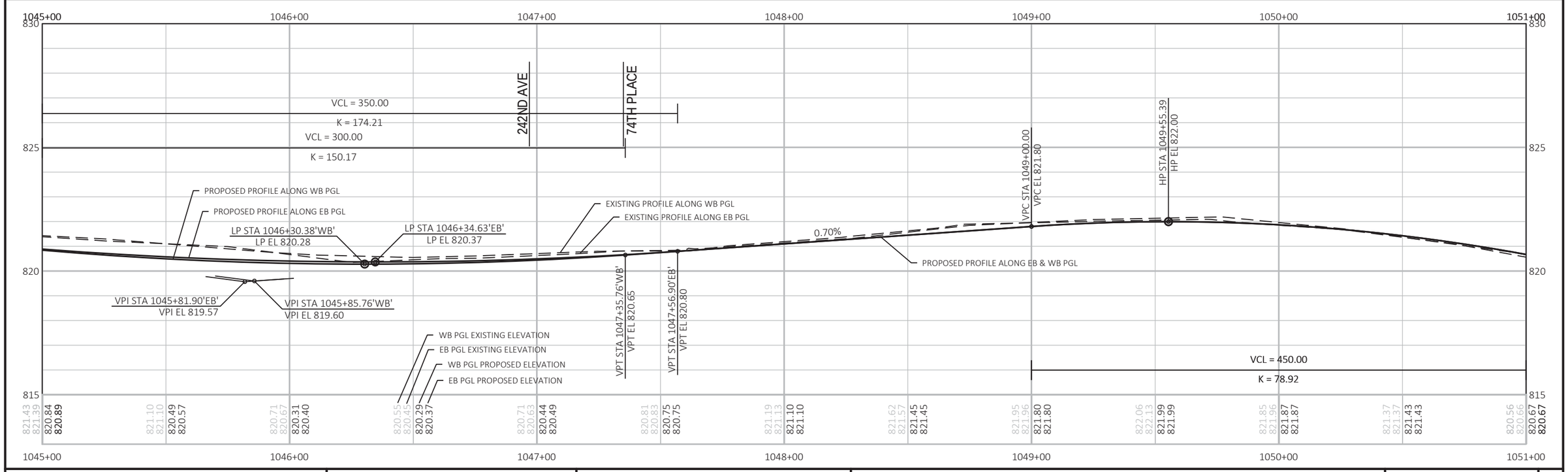
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 583	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PP_09

PLOT DATE : 7/30/2021 2:47 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

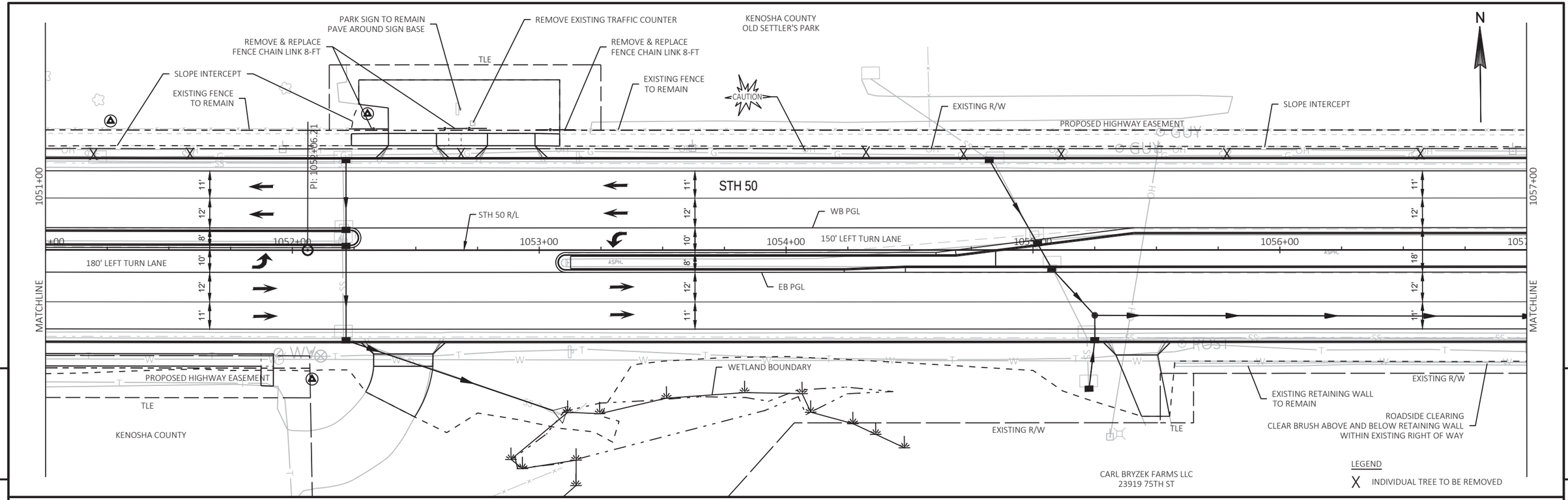


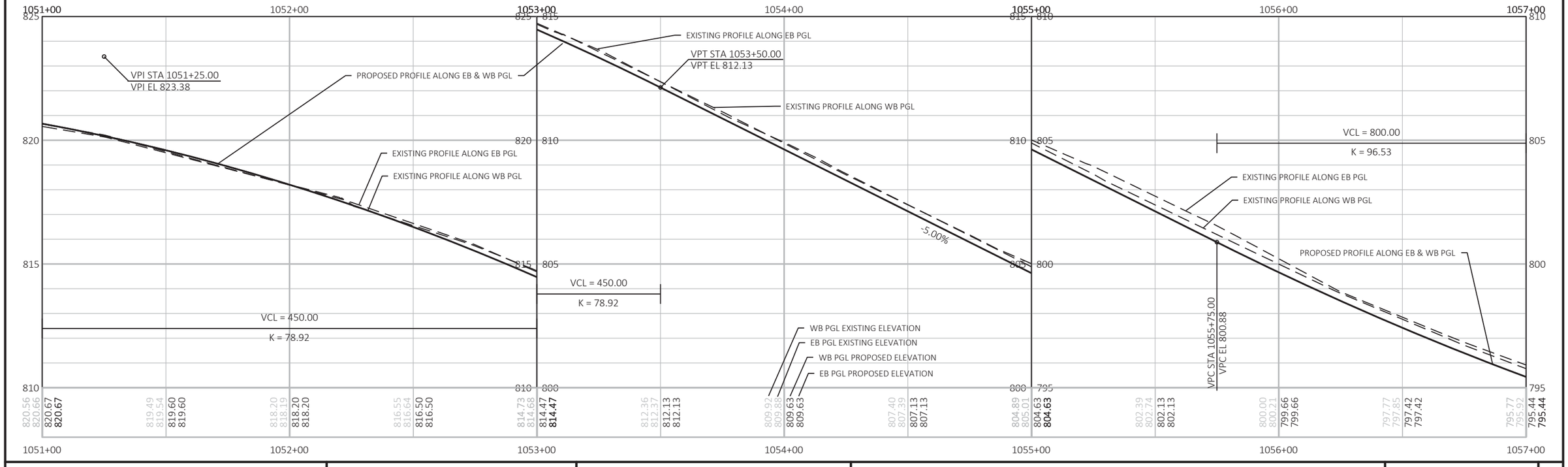


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 584	E

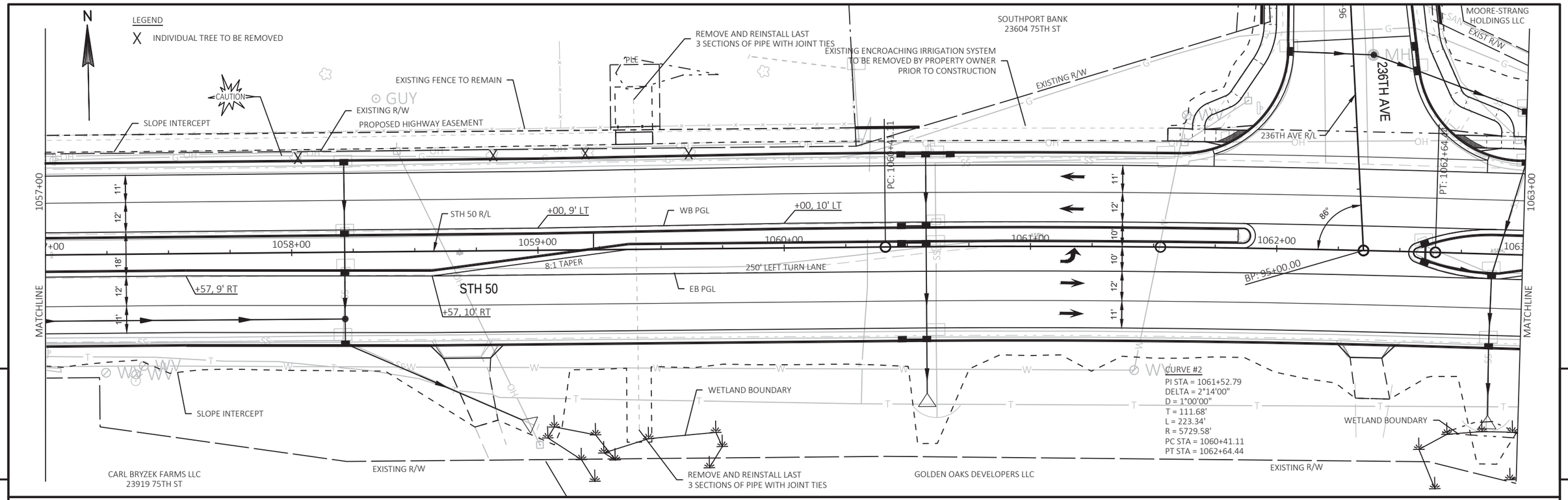
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PP_10

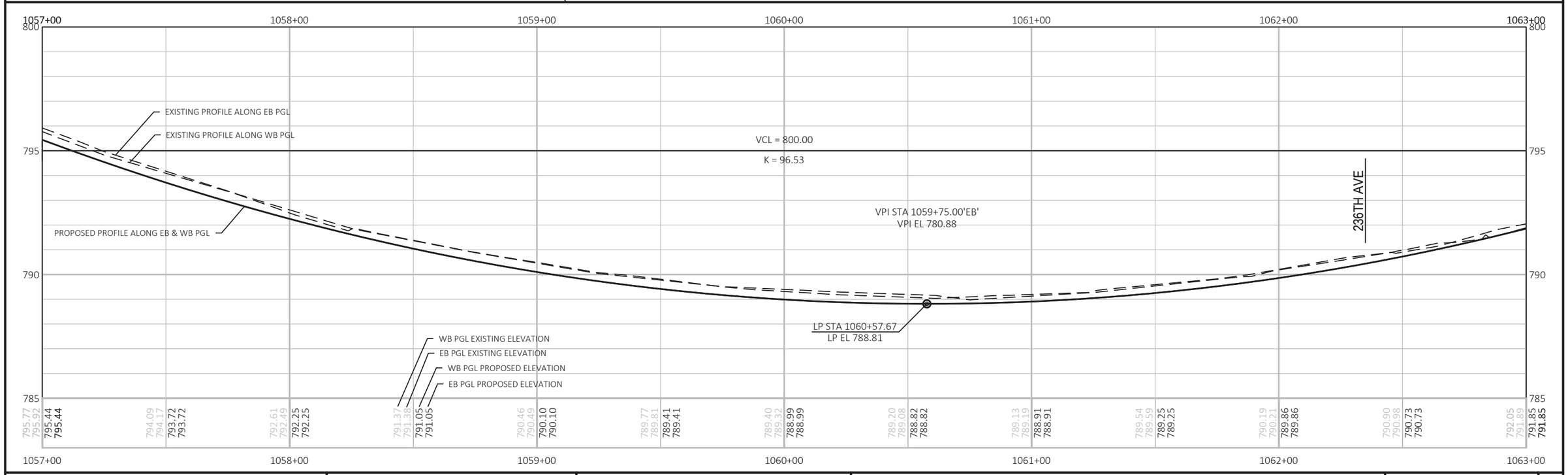
PLOT DATE : 7/30/2021 2:47 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 585	E





PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 50	SHEET 586	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050101_PP.DWG
LAYOUT NAME - PP_12

PLOT DATE : 7/30/2021 2:48 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

MOORE-STRANG HOLDINGS LLC

R&T ROG LLC
23522 75TH ST

KEVIN AND LORI VANHEIRSEELE
23512 75TH ST

KAREN VANHEIRSEELE
23502 75TH ST

N

EXISTING R/W

PLE

EXISTING R/W

CAUTION

PROPOSED R/W

TLE

EXISTING R/W

1027+00

MATCHLINE

11'
12'
10'
10'
12'
11'

1064+00
1065+00
1066+00
1067+00
1068+00
1069+00

WB PGL

STH 50 R/L

STH 50

EB PGL

6:1 TAPER

95' LEFT TURN LANE

20'

11'
12'
12'
11'

xxx xxx xxx xxx xxx xxx

xxx xxx xxx xxx xxx xxx

ASPH.

CONC.

SLOPE INTERCEPT

END PROJECT
STA 1068+21.00

WETLAND BOUNDARY

EXIST R/W

LEGEND

X INDIVIDUAL TREE TO BE REMOVED

5

5

1063+00 1064+00 1065+00 1066+00 1067+00 1068+00 1069+00

805 810 815

800 810

795 805

790 800

VPI STA 1066+50.00'EB'
VPI EL 803.07

VPI STA 1066+31.10'WB'
VPI EL 802.45

PROPOSED PROFILE ALONG WB PGL

PROPOSED PROFILE ALONG EB PGL

EXISTING PROFILE ALONG EB PGL

EXISTING PROFILE ALONG WB PGL

VCL = 800.00
K = 96.53

VPC STA 1064+86.10'WB'
VPC EL 797.68

VCL = 800.00
K = 96.53

VPC STA 1064+80.00'EB'
VPC EL 797.48

START SPLIT PROFILE

3.29%

VPT STA 1063+75.00
VPT EL 794.03

VCL = 340.00
K = 193.99

VCL = 290.00
K = 181.61

1.53%'EB'

VPT STA 1068+20.00'EB'
VPT EL 805.68

STA 1068+21.03'EB'
EL 805.69

1.69%'WB'

STA 1068+21.03'WB'
EL 805.66

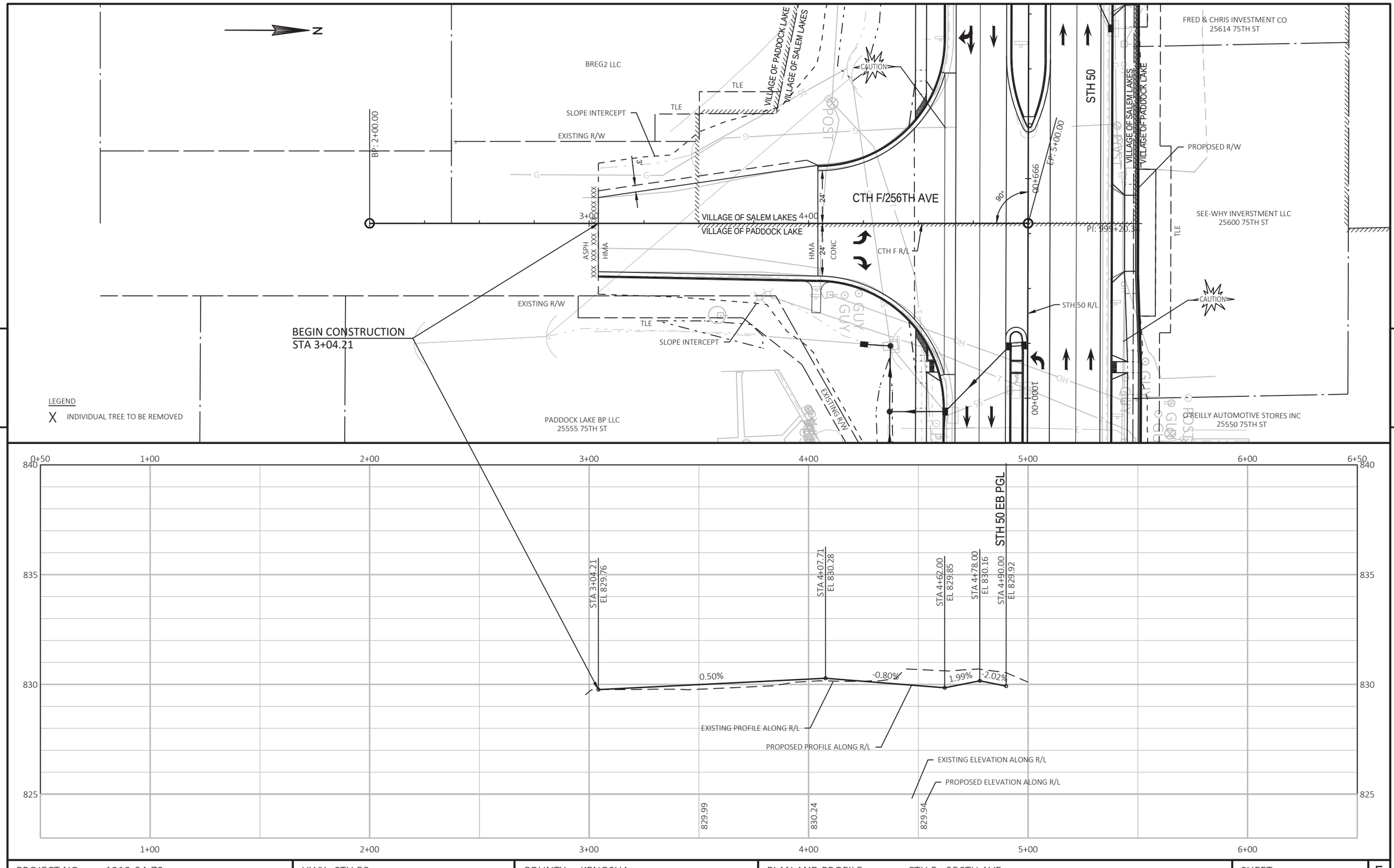
VPT STA 1067+76.10'WB'
VPT EL 804.90

VCL = 340.00
K = 193.99

VCL = 290.00
K = 181.61

WB PGL EXISTING ELEVATION
EB PGL EXISTING ELEVATION
WB PGL PROPOSED ELEVATION
EB PGL PROPOSED ELEVATION

| | | |



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: CTH F - 256TH AVE	SHEET 588	E

SMMFLP LLP
7600 ANTIOCH RD

SMMFLP LLP
7600 ANTIOCH RD

ROGER BERMAN
25401 75TH ST

RESURFACING ← → RECONSTRUCTION

CAUTION

SLOPE INTERCEPT

PROPOSED R/W

EXISTING R/W

REMOVING ASPHALTIC SURFACE BUTT JOINT

STH 83

STH 83 R/L

58' PGL

44+00 45+00 46+00 47+00 48+00 49+00 50+00

BEGIN CONSTRUCTION
STA 44+68.72

REMOVING ASPHALTIC SURFACE BUTT JOINT

350' LEFT TURN LANE

CLOSE MEDIAN OPENING

NB PGL

8:1 TAPER

235' RIGHT TURN LANE

STH 50

1006+00

LEGEND

X INDIVIDUAL TREE TO BE REMOVED

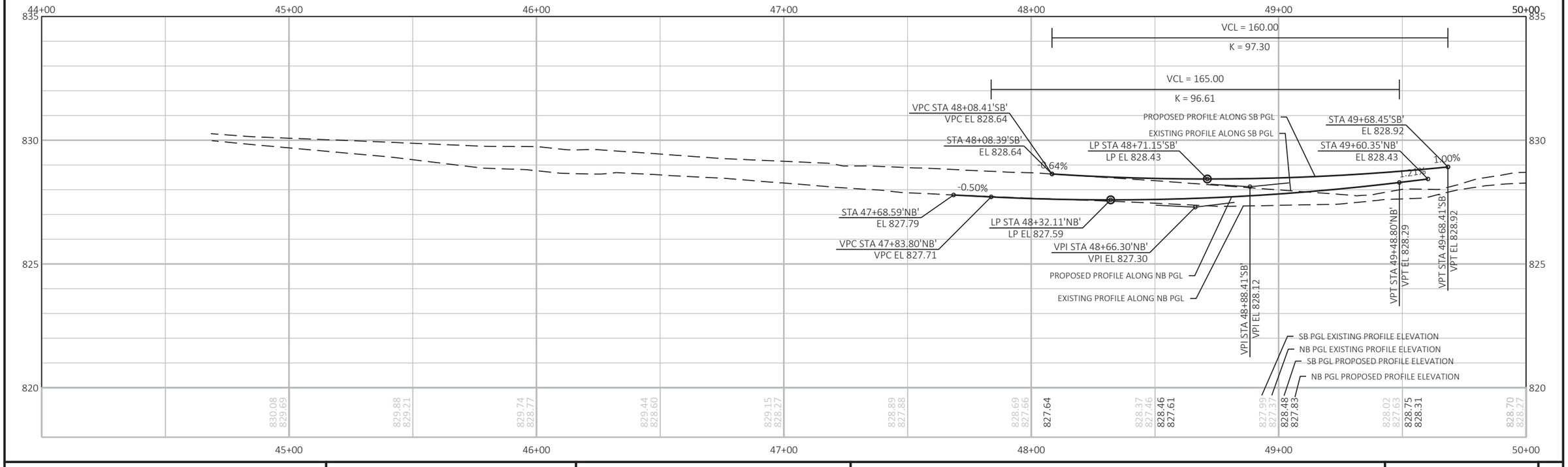
EXISTING R/W

CENTRAL HIGH SCHOOL
24617 75TH ST

SLOPE INTERCEPT

RESURFACING ← → RECONSTRUCTION

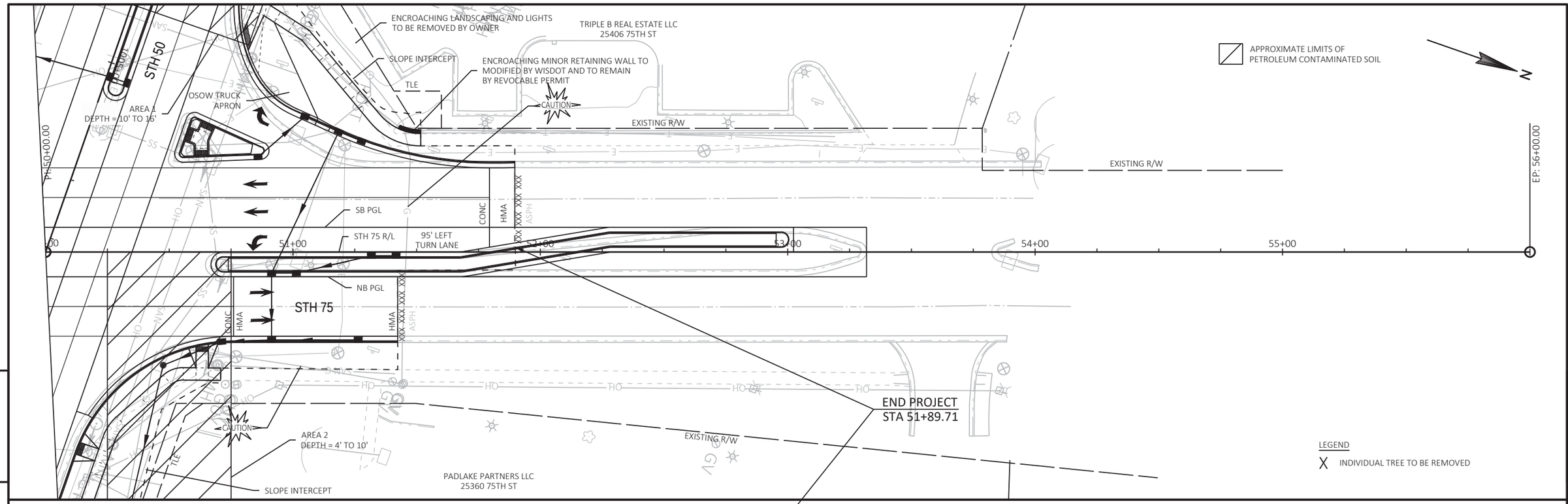
OSOW TRUCK APRON

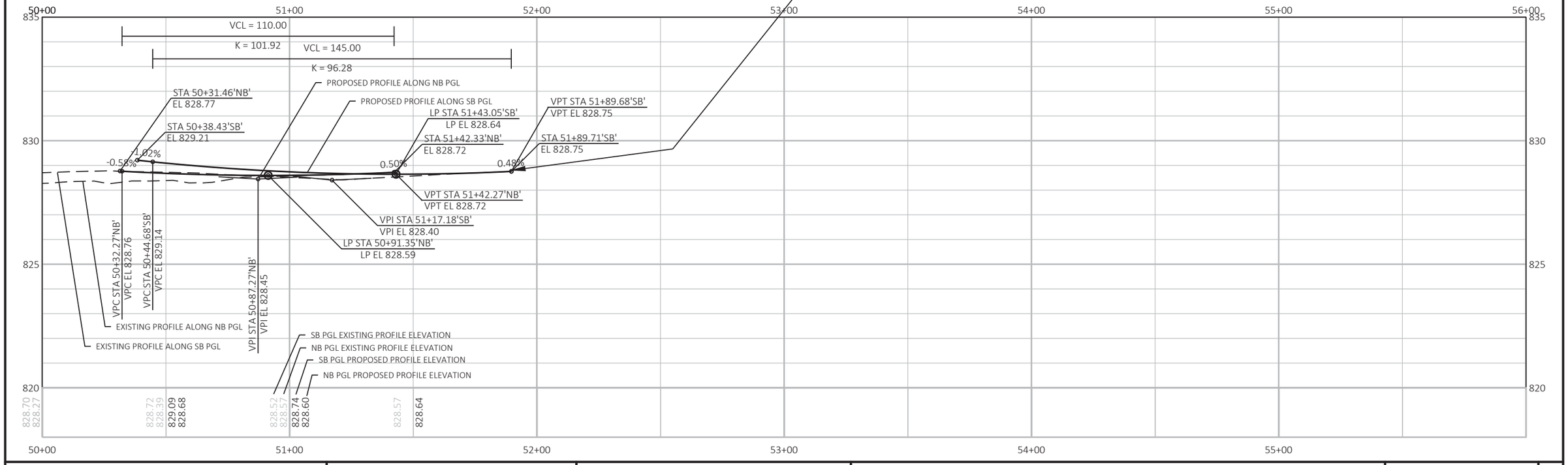


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 83	SHEET 589	E

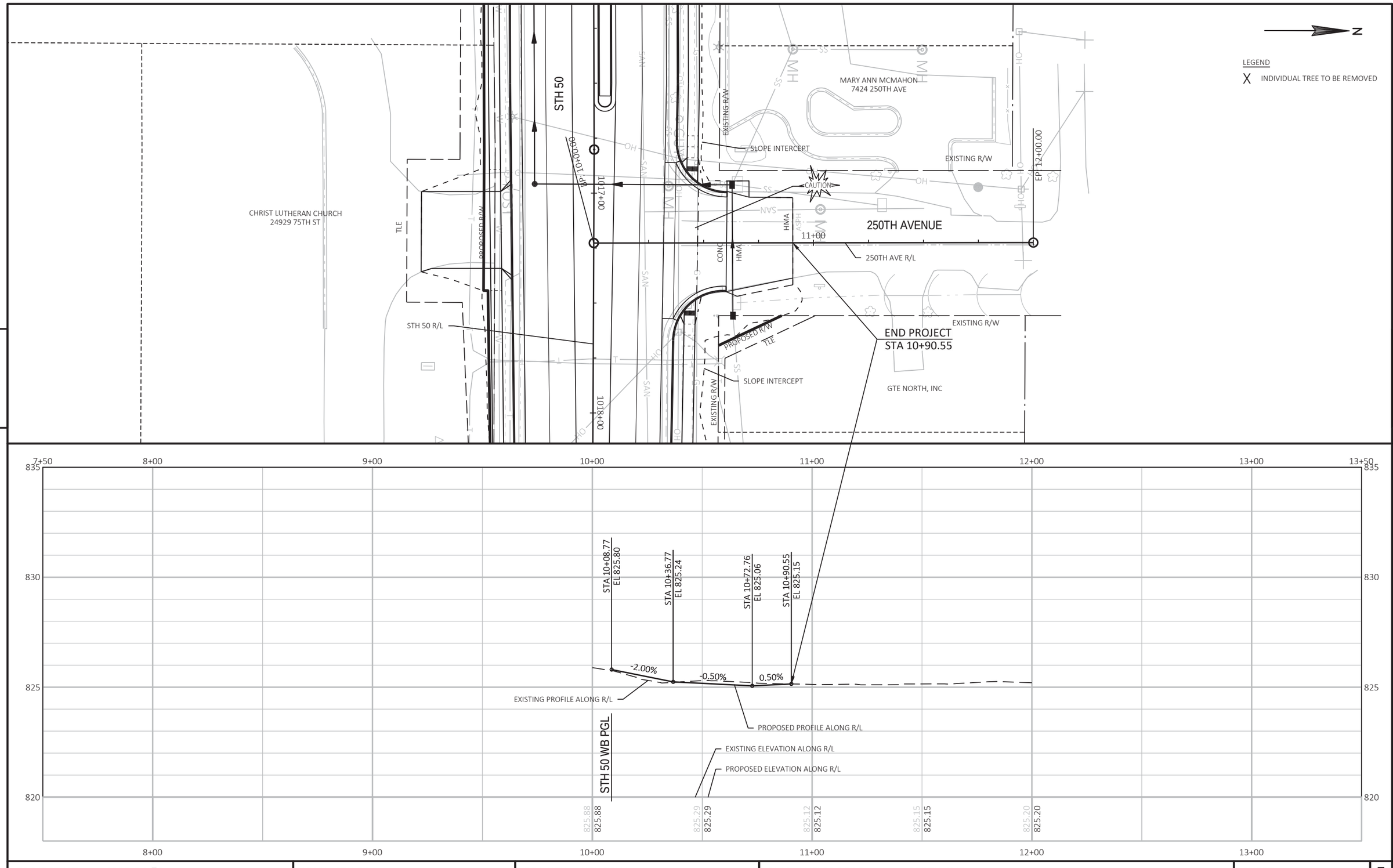
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050103_PP-83-75.DWG
LAYOUT NAME - PP_15

PLOT DATE : 7/30/2021 2:48 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT



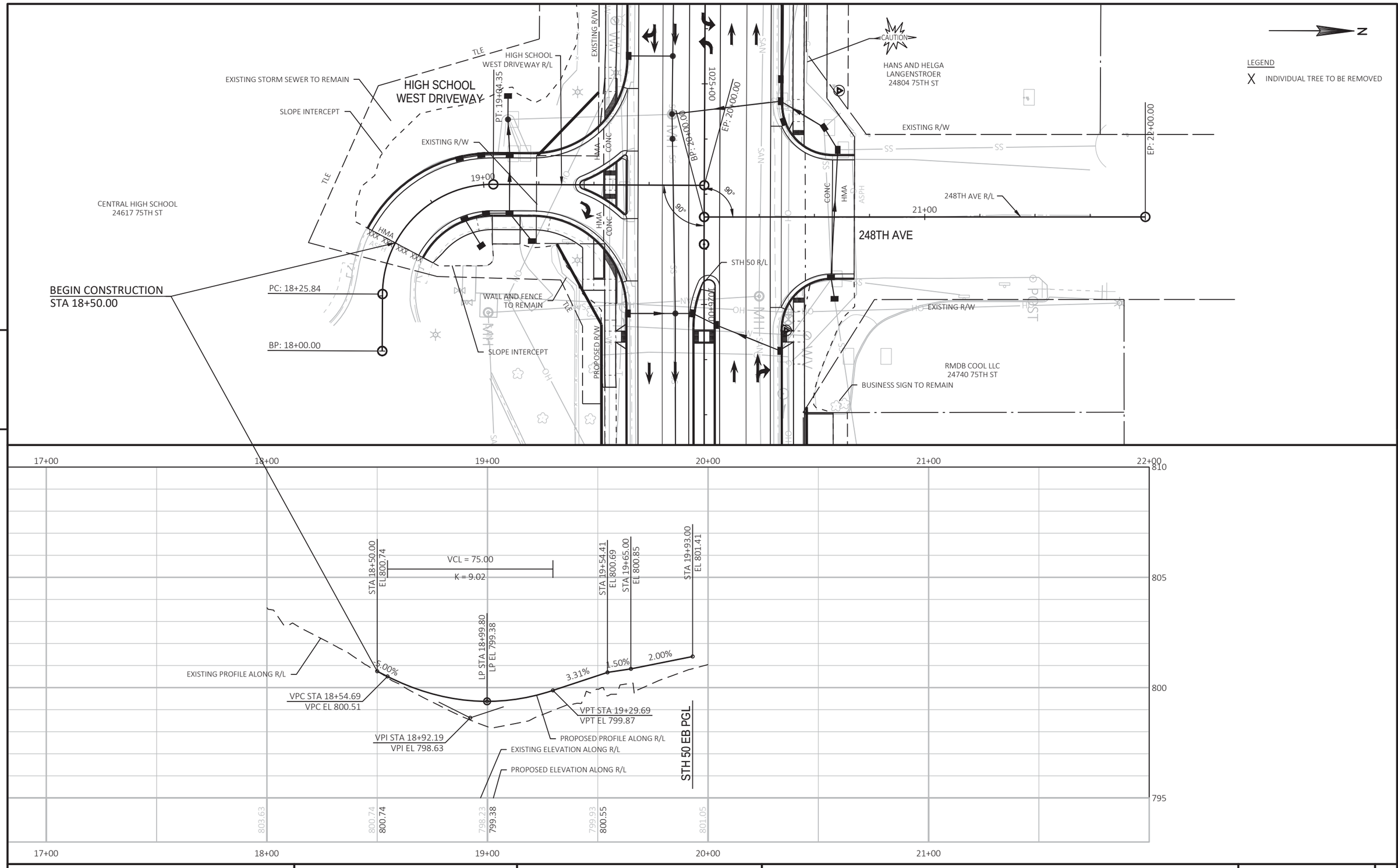


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: STH 75	SHEET 590	E



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: 250TH AVE	SHEET 591	E

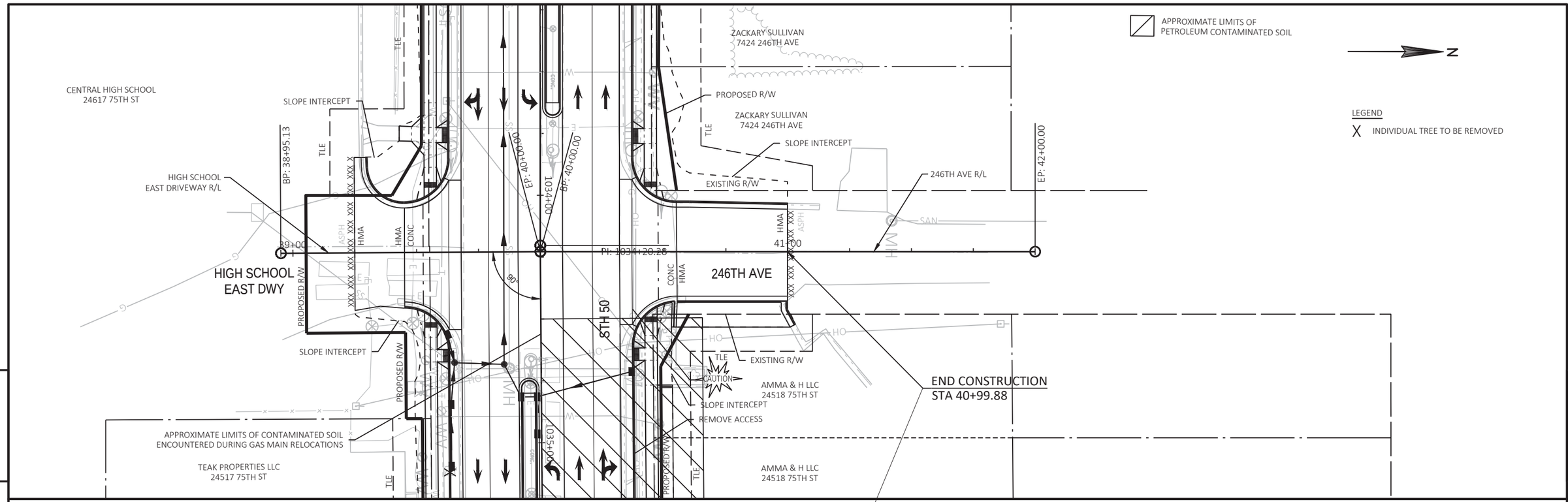
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050104_PP-250TH.DWG
LAYOUT NAME - PP_16a
PLOT DATE : 7/30/2021 2:49 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

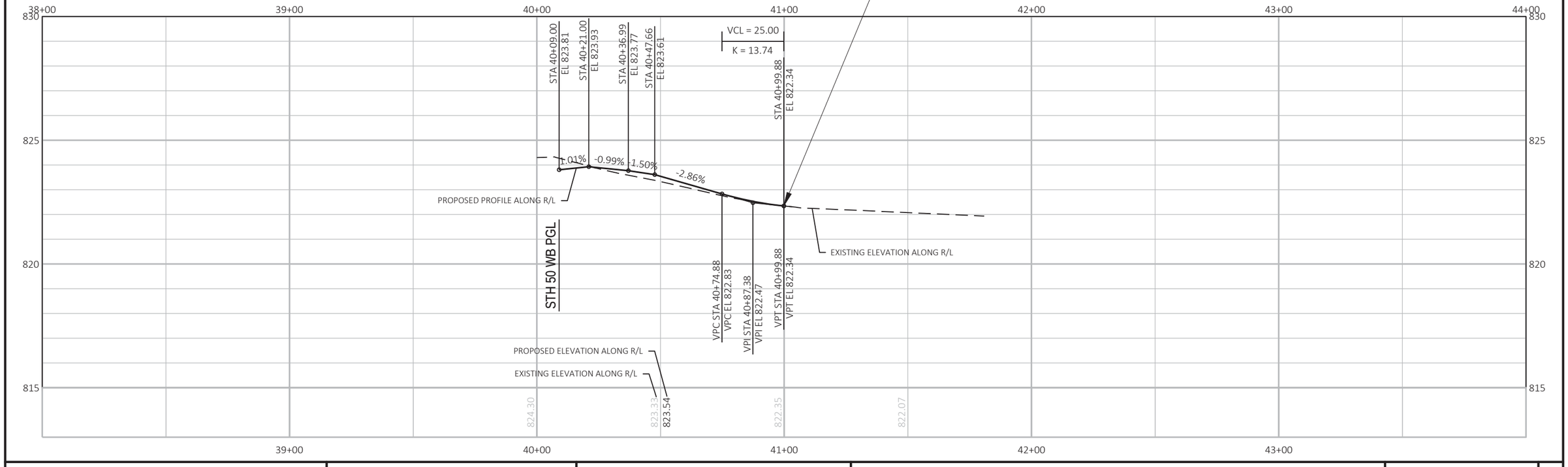


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: HIGH SCHOOL WEST DRIVEWAY	SHEET 592	E

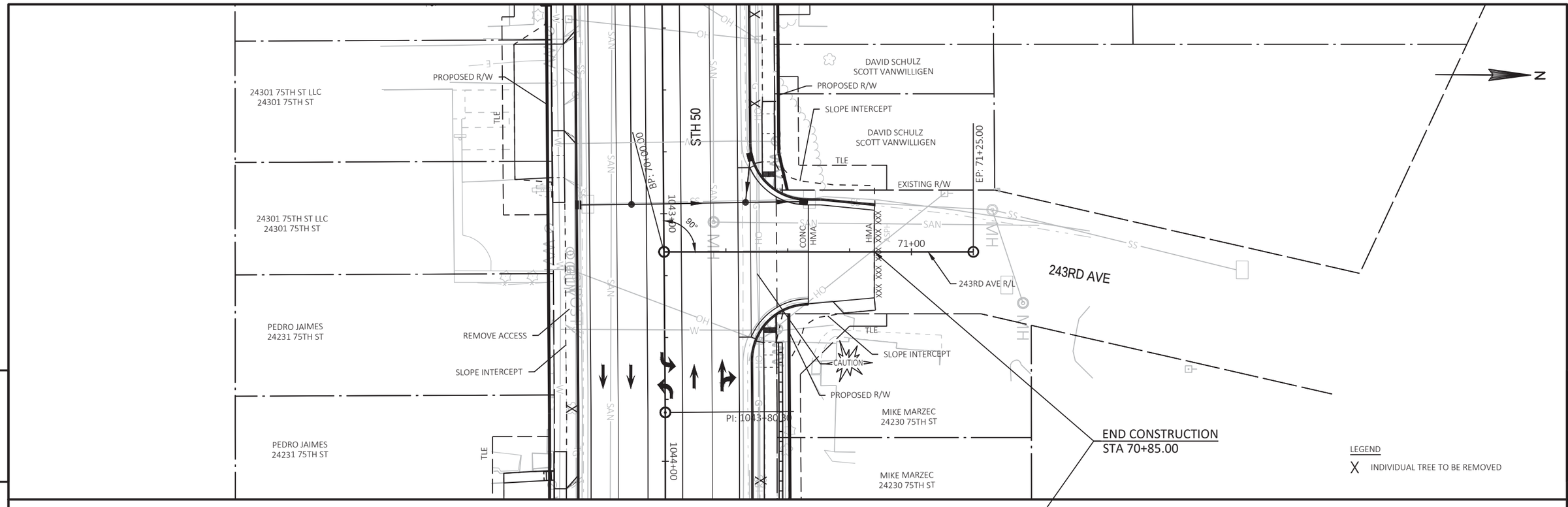
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050104_PP-WEST HS DWY.DWG
LAYOUT NAME - PP_17

PLOT DATE : 7/30/2021 2:50 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT





PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: 246TH AVE	SHEET 593	E



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: 243RD AVE	SHEET 594	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050106_PP-243RD.DWG
LAYOUT NAME - PP_19
PLOT DATE : 7/30/2021 2:51 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

APPROXIMATE LIMITS OF PETROLEUM CONTAMINATED SOIL

24207 75TH ST LLC
24207 75TH ST

PROPOSED R/W

SANDRA PHILLIPS
24200 75TH ST

BP: 78+50.00

SLOPE INTERCEPT

EXISTING R/W

242ND AVE R/L

TLE

CAUTION

242ND AVE

79+00

STH 50

EP: 80+00.00

80+00

SLOPE INTERCEPT

TLE

PROPOSED R/W

EXISTING R/W

EP: 91+50.00

74TH PLACE

74TH PLACE R/L

91+00

BEGIN CONSTRUCTION
STA 78+95.00

BAKERIA LLP
24123 75TH ST

APPROXIMATE LIMITS OF CONTAMINATED SOIL
ENCOUNTERED DURING GAS MAIN RELOCATION

EXISTING R/W

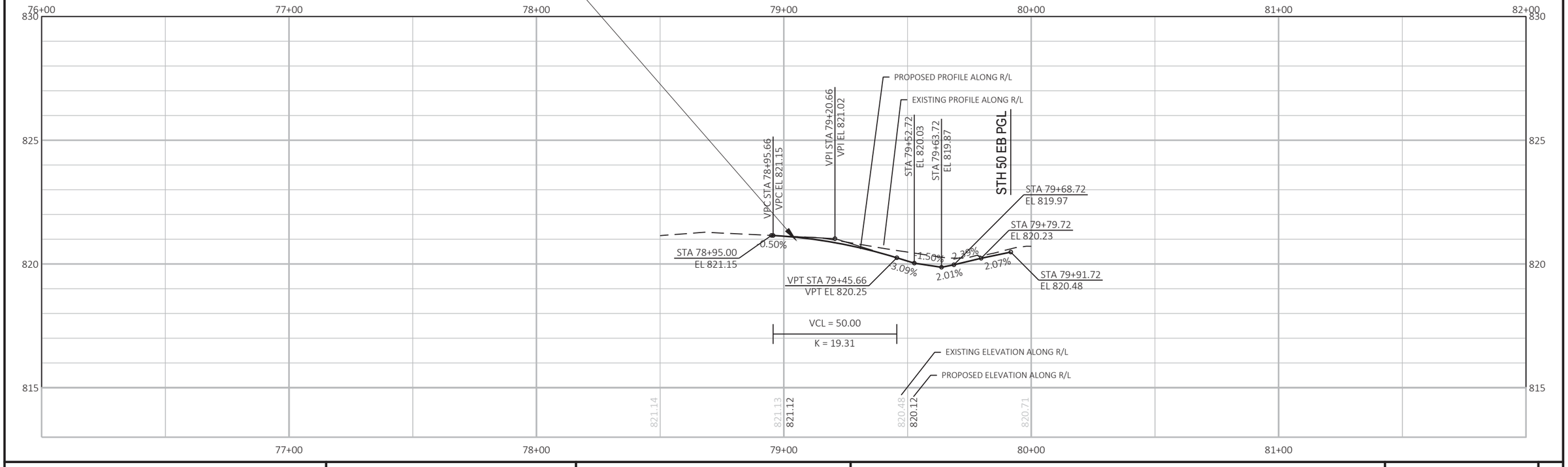
SLOPE INTERCEPT

PROPOSED R/W

PI: 1047+90.81

LEGEND

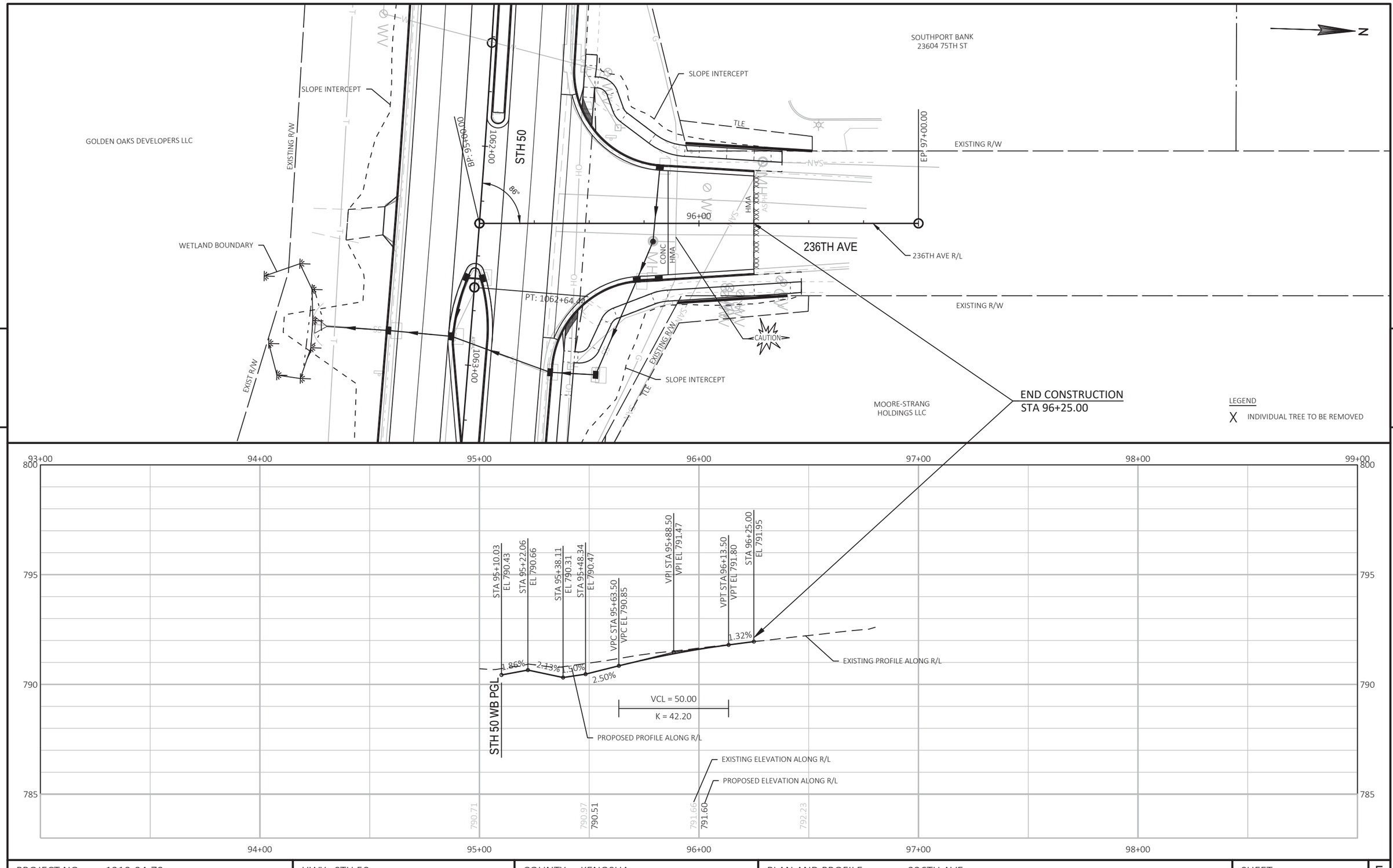
X INDIVIDUAL TREE TO BE REMOVED



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: 242ND AVE	SHEET 595	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050107_PP-242ND.DWG
LAYOUT NAME - PP_20

PLOT DATE : 7/30/2021 2:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

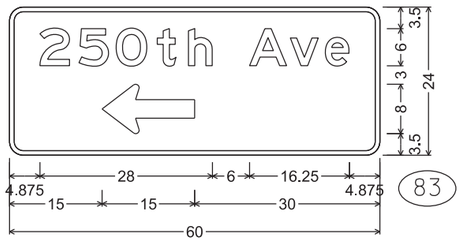


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	PLAN AND PROFILE: 236TH AVE	SHEET 596	E

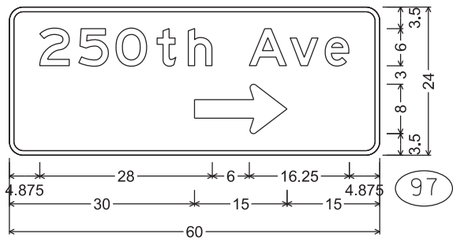
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\050108_PP-236TH.DWG
LAYOUT NAME - PP_20

PLOT DATE : 7/30/2021 2:52 PM PLOT BY : BLACKWOOD, JIM PLOT NAME : PLOT SCALE : 1 IN:40 FT

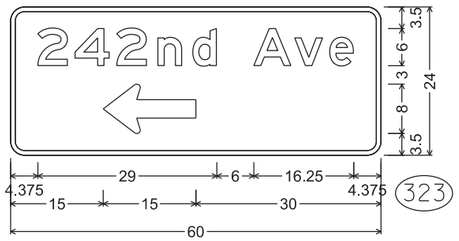
WISDOT/CADDS SHEET 44



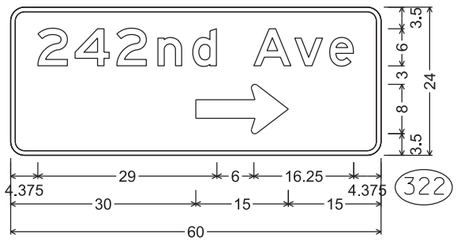
D1-1; 2.250" Radius, 0.750" Border



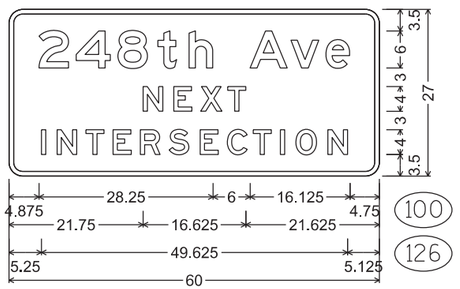
D1-1; 2.250" Radius, 0.750" Border



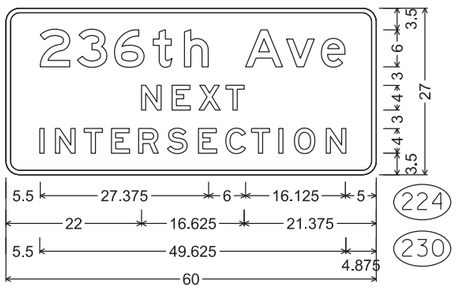
D1-1; 2.250" Radius, 0.750" Border



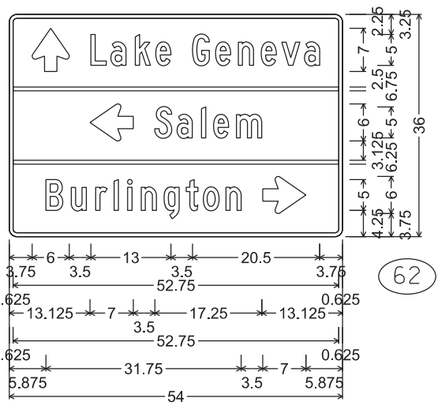
D1-1; 2.250" Radius, 0.750" Border



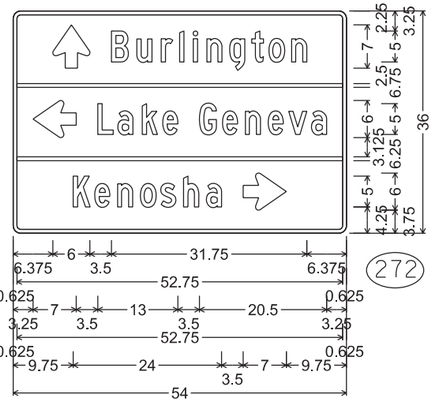
D1-63; 2.250" Radius, 0.750" Border



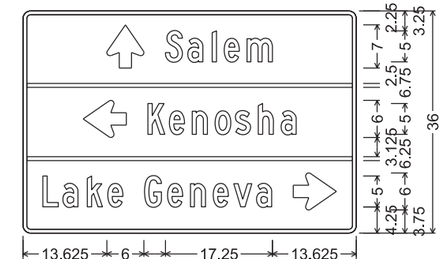
D1-63; 2.250" Radius, 0.750" Border



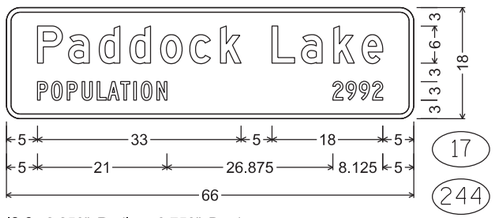
D1-3; 1.250" Radius, 0.625" Border,
"Lake", C; "Geneva", C; "Salem", C; "Burlington", C



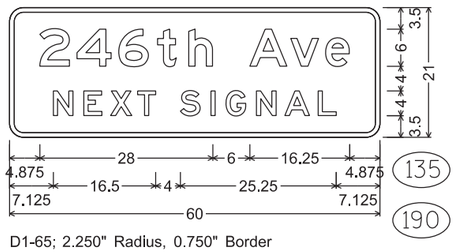
D1-3; 1.250" Radius, 0.625" Border,
"Burlington", C; "Lake", C; "Geneva", C; "Kenosha", C



D1-3; 1.250" Radius, 0.625" Border,
"Salem", C; "Kenosha", C; "Lake", C; "Geneva", C



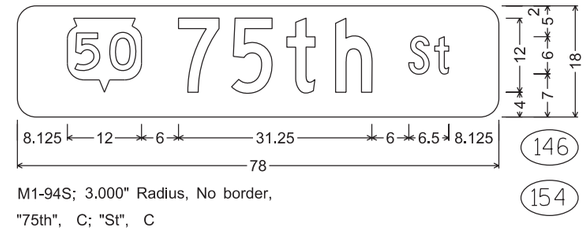
I2-3; 2.250" Radius, 0.750" Border,
"Paddock", D; "Lake", D; "POPULATION", C; "2992", C



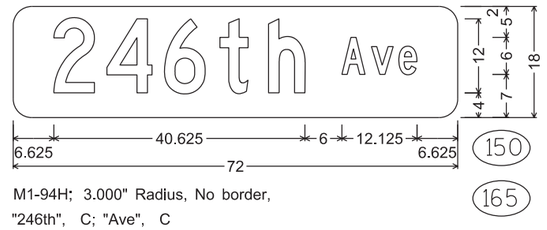
D1-65; 2.250" Radius, 0.750" Border

NOTES

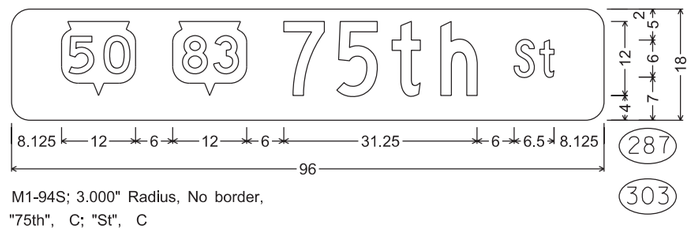
1. All Signs Type II - Type H Reflective
2. Color:
   Background - Green
   Message - White
3. Message Series - E



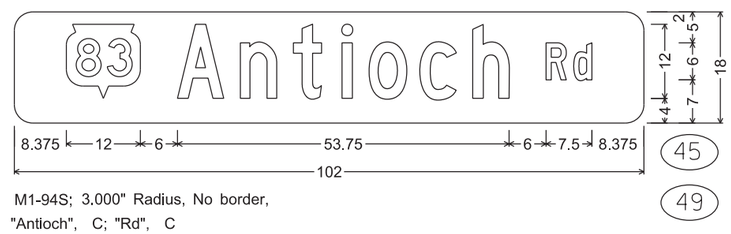
M1-94S; 3.000" Radius, No border,
"75th", C; "St", C



M1-94H; 3.000" Radius, No border,
"246th", C; "Ave", C



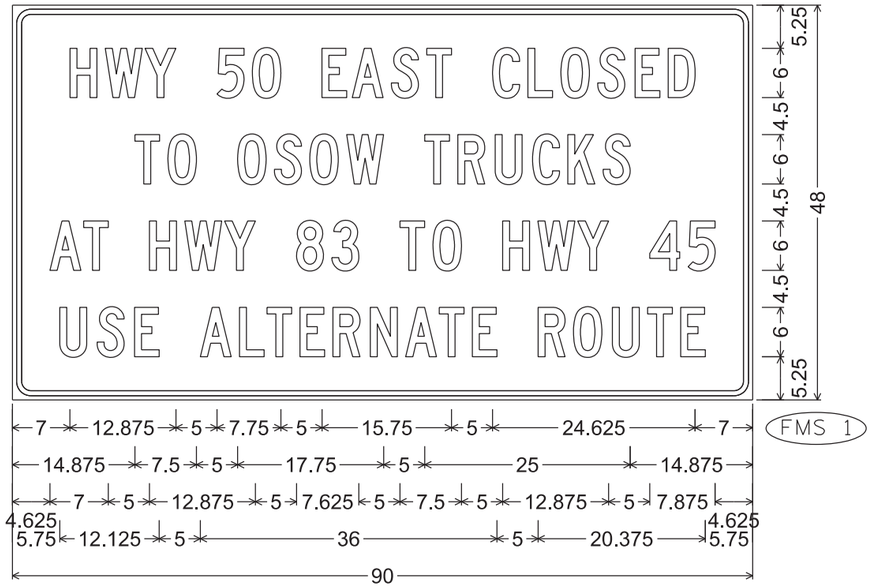
M1-94S; 3.000" Radius, No border,
"75th", C; "St", C



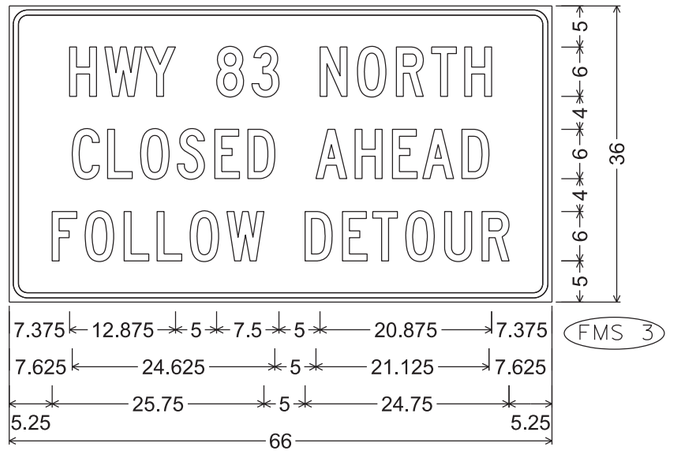
M1-94S; 3.000" Radius, No border,
"Antioch", C; "Rd", C

NOTES

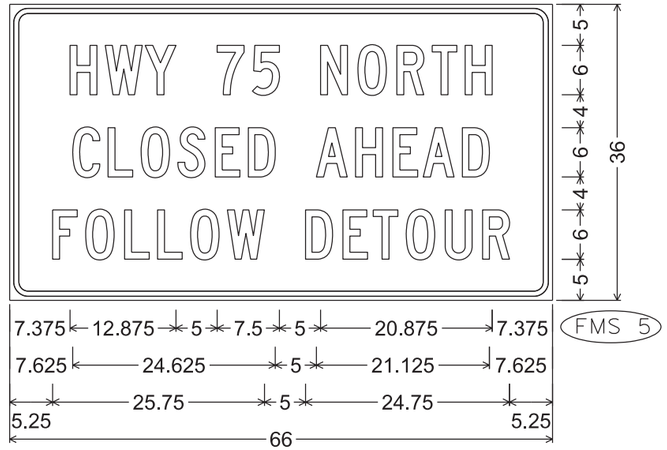
1. All Signs Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - C



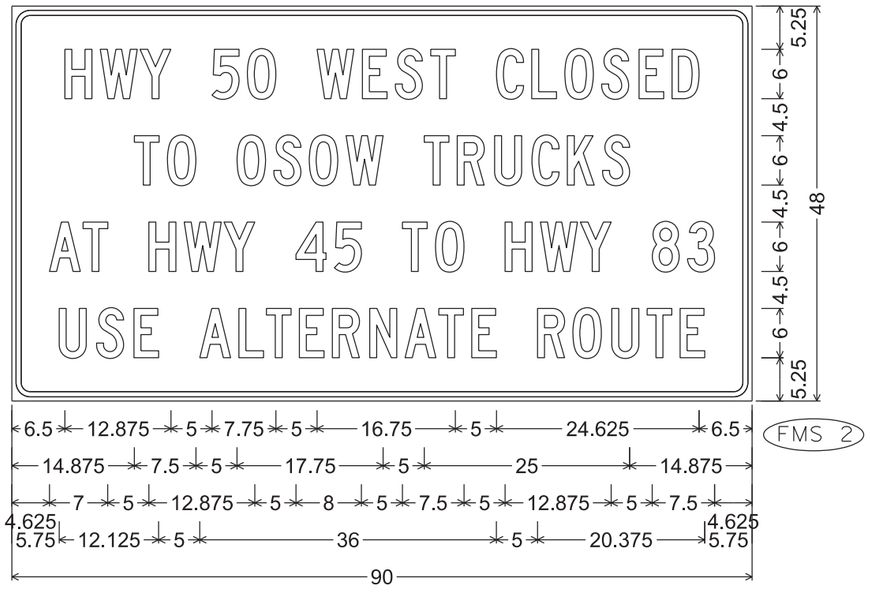
2.250" Radius, 0.625" Border, 0.500" Indent, Black on, Fluorescent orange;



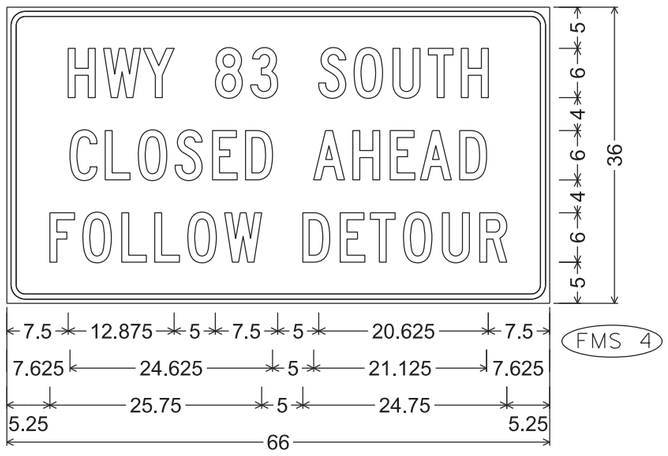
2.250" Radius, 0.625" Border, 0.500" Indent



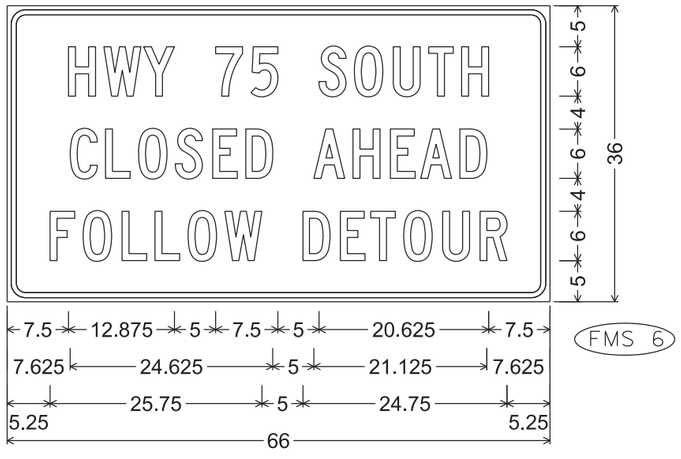
2.250" Radius, 0.625" Border, 0.500" Indent



2.250" Radius, 0.625" Border, 0.500" Indent, Black on, Fluorescent orange;



2.250" Radius, 0.625" Border, 0.500" Indent



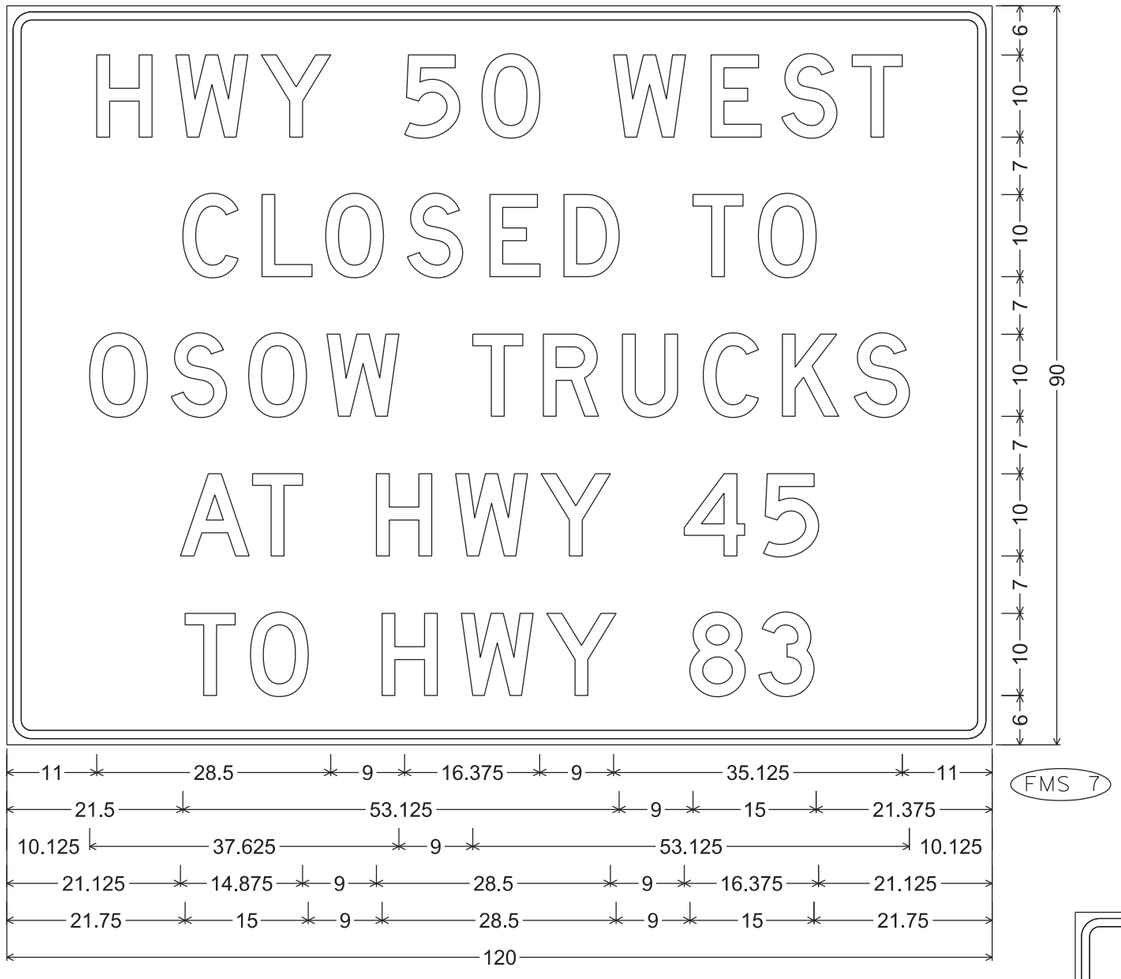
2.250" Radius, 0.625" Border, 0.500" Indent

7

7

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNING	SHEET NO: 598	E

FILE NAME : C:\CAEfiles\Projects\D2_2301a220FMS.dgn PLOT DATE : 19-FEB 2020 12:16 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : $$.....plotscale.....$$ WISDOT/CADDS SHEET 42

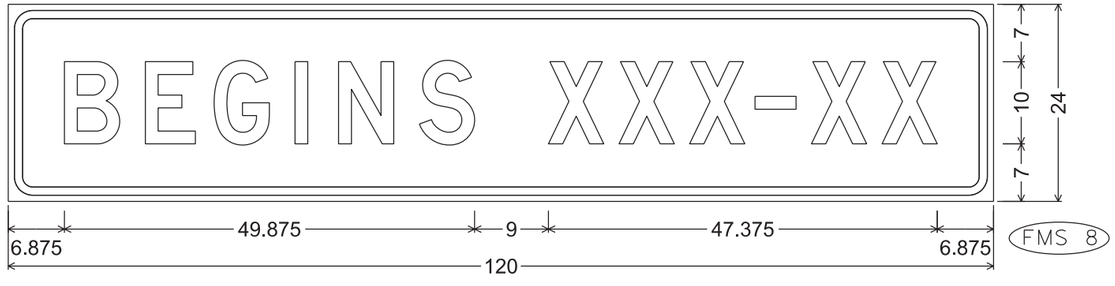


FMS 7

3.000" Radius, 1.000" Border, 0.750" Indent

NOTES

1. All Signs Type II - Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D



FMS 8

3.000" Radius, 1.000" Border, 0.750" Indent

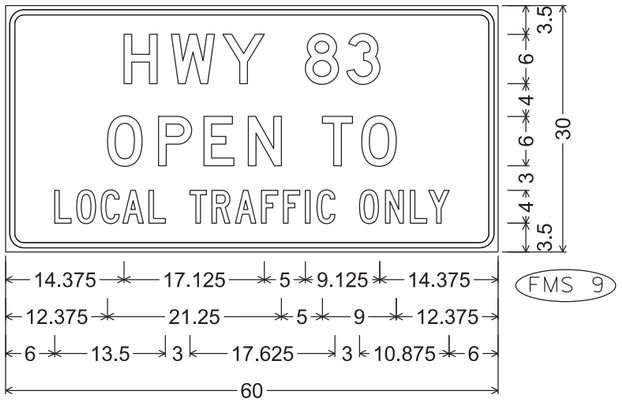
7

7

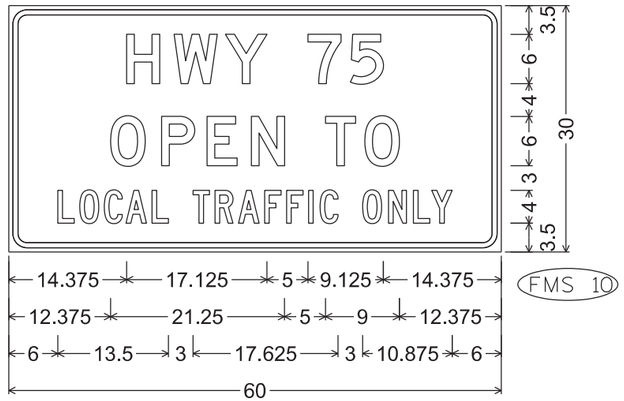
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	TEMPORARY SIGNING	SHEET NO. 599	E

NOTES

1. All Signs Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - As noted



2.250" Radius, 0.625" Border, 0.500" Indent,
"HWY", D; "83", D; "OPEN", D; "TO", D;
"LOCAL", C; "TRAFFIC", C; "ONLY", C;



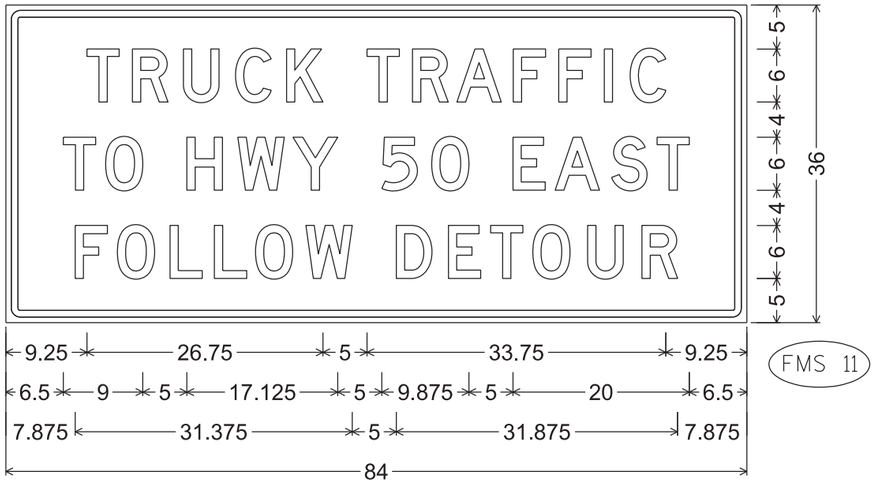
2.250" Radius, 0.625" Border, 0.500" Indent,
"HWY", D; "75", D; "OPEN", D; "TO", D;
"LOCAL", C; "TRAFFIC", C; "ONLY", C;

7

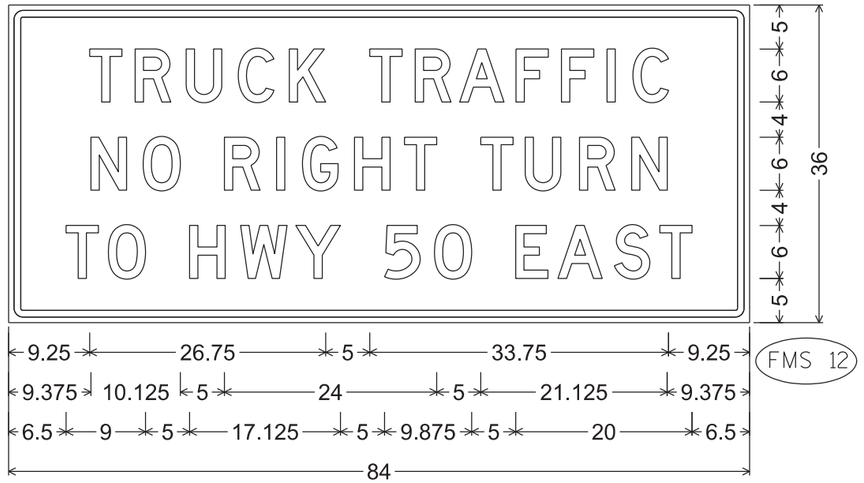
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NOTES

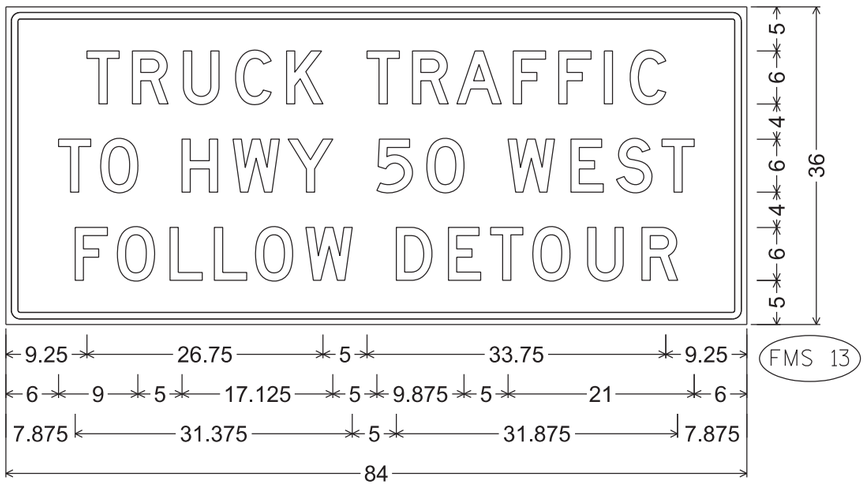
1. Fixed Message Signs - Type II Type F Reflective
2. Color:
   Background - Orange
   Message - Black
3. Message Series - D



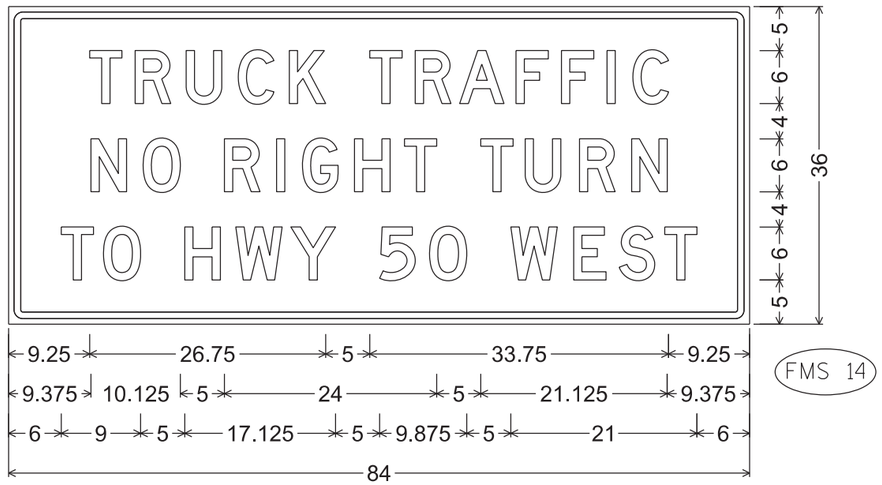
1.625" Radius, 0.750" Border, 0.625" Indent



1.625" Radius, 0.750" Border, 0.625" Indent



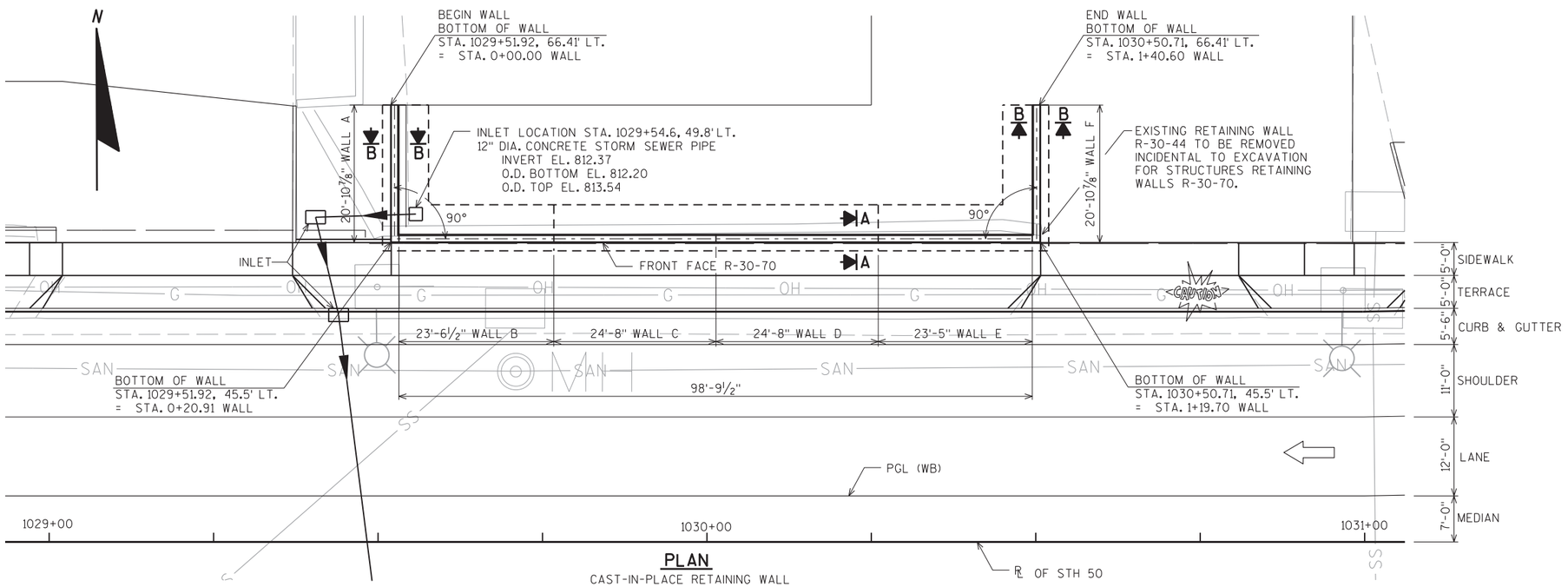
1.625" Radius, 0.750" Border, 0.625" Indent



1.625" Radius, 0.750" Border, 0.625" Indent

$PRFNAME$
I:±42±76-0103.00 - Kenosha Co. STH 50 Retaining Wall±Structure±FINAL±R-30-70±R-30-70 gp.dgn
DATE:
DRAWN BY:
DATE:
CHECKED BY:
DATE:
BACK CHECKED BY:
CORRECTED BY:

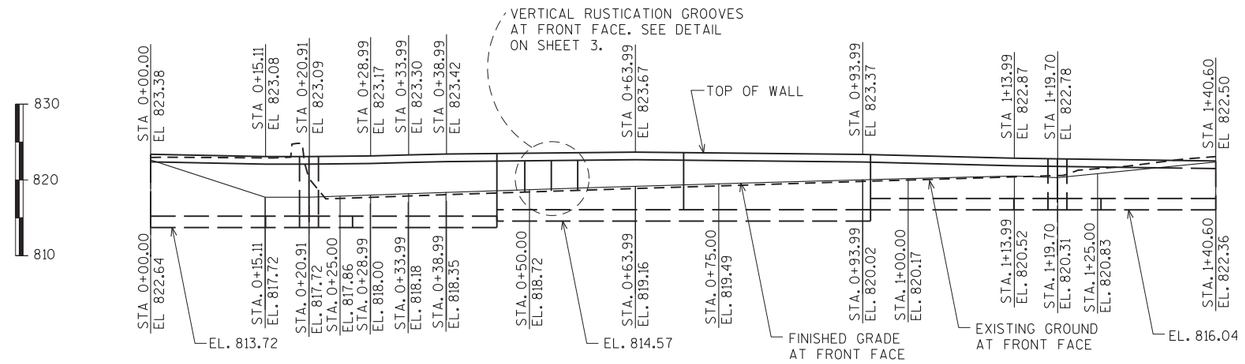
STATE PROJECT NUMBER
1310-04-70



PLAN

CAST-IN-PLACE RETAINING WALL
ALL DIMENSIONS MEASURED ALONG FRONT FACE
FOR DETAIL OF SECTION A-A & B-B, SEE SHEET 2

NOTE:
STORM SEWER INLET TO BE PLACED
THROUGH RETAINING WALL FOOTING



NOTE:
PARAPET AND CHAIN LINK
FENCE NOT SHOWN.

ELEVATION

(LOOKING AT FRONT FACE OF WALL)

LIST OF DRAWINGS

1. RETAINING WALL LAYOUT
2. RETAINING WALL DETAILS
3. RETAINING WALL DETAILS
4. WALL A DETAILS
5. WALL B DETAILS
6. WALLS C & D DETAILS
7. WALL E DETAILS
8. WALL F DETAILS
9. WALL DETAILS & BILL OF BARS
10. VERTICAL FACE PARAPET "A"
11. CHAIN LINK FENCE DETAILS
12. SUBSURFACE EXPLORATION

FOR GENERAL NOTES
AND DESIGN DATA
SEE SHEET 2

GEOMETRY TABLE

WALL STATION	ROADWAY STATION	OFFSET TO F.F. WALL	TOP OF WALL EL.	FINISHED GRADE EL.
0+00.00	1029+51.92	66.41'	823.38	822.64
0+15.11	1029+51.92	51.30'	823.08	817.72
0+20.91	1029+51.92	45.5'	823.09	817.72
0+25.00	1029+56.01	45.5'	823.13	817.86
0+28.99	1029+60.00	45.5'	823.17	818.00
0+33.99	1029+65.00	45.5'	823.30	818.18
0+38.99	1029+70.00	45.5'	823.42	818.35
0+50.00	1029+81.01	45.5'	823.53	818.72
0+63.99	1029+95.00	45.5'	823.67	819.16
0+75.00	1030+06.01	45.5'	823.56	819.49
0+93.99	1030+25.00	45.5'	823.37	820.02
1+00.00	1030+31.01	45.5'	823.22	820.17
1+13.99	1030+45.00	45.5'	822.87	820.52
1+19.70	1030+50.71	45.5'	822.78	820.31
1+25.00	1030+50.71	50.80'	822.71	820.83
1+40.60	1030+50.71	66.41'	822.50	822.36

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID ITEMS	UNIT
206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS R-30-70	1 LS
210.1500	BACKFILL STRUCTURE TYPE A	575 TON
502.3210	PIGMENTED SURFACE SEALER	235 SY
504.0500	CONCRETE MASONRY RETAINING WALLS	131 CY
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	2,940 LB
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	8,050 LB
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	6 SY
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	160 LF
616.0204	FENCE CHAIN LINK 4-FT	137 LF

BRIDGE OFFICE CONTACT:
AARON BONK
(608)-261-0261

CONSULTANT CONTACT:
ARLEN BEAUDETTE
(715)-834-3161

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-30-70

RETAINING WALL ALONG STH 50

COUNTY	~~TOWN/CITY/~~ VILLAGE
KENOSHA	PADDOCK LAKE

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
ZSS	JLB	CLP	AEB

RETAINING WALL LAYOUT

SHEET 1 OF 12
602

STATE PROJECT NUMBER

1310-04-70

SOIL PARAMETERS

SOIL DESCRIPTION	FRICTION ANGLE ϕ	MOIST UNIT WEIGHT	COHESION, c_u	FACTORED BEARING RESISTANCE
GRANULAR BACKFILL	30°	130 pcf	0 psf	1,500 psf
RETAINED SOIL	30°	130 pcf	0 psf	1,500 psf

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST DIGIT OF A THREE DIGIT BAR NO. AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR NO. SIGNIFIES THE BAR SIZE.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. DESIGNATION M 153, TYPE I, II OR III OR A.A.S.H.T.O. DESIGNATION M 213.

AT THE BACK FACE OF THE RETAINING WALL ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES RETAINING WALLS R-30-70" SHALL BE THE EXISTING GROUND LINE.

THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED FOR THE ENTIRE WALL LENGTH. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

STORM SEWER INLET TO BE PLACED THROUGH RETAINING WALL FOOTING.

PIGMENTED SURFACE SEALER IS TO BE APPLIED AS SHOWN IN DETAIL ON THIS SHEET.

THE EXISTING RETAINING WALL, R-30-44, IS A LIMESTONE BLOCK RETAINING WALL APPROXIMATELY 5-FEET TALL AND 120-FEET LONG. REMOVAL OF THE WALL IS INCIDENTAL TO "EXCAVATION FOR STRUCTURES RETAINING WALLS R-30-70".

DESIGN DATA

LIVE LOAD:

100 psf SURCHARGE

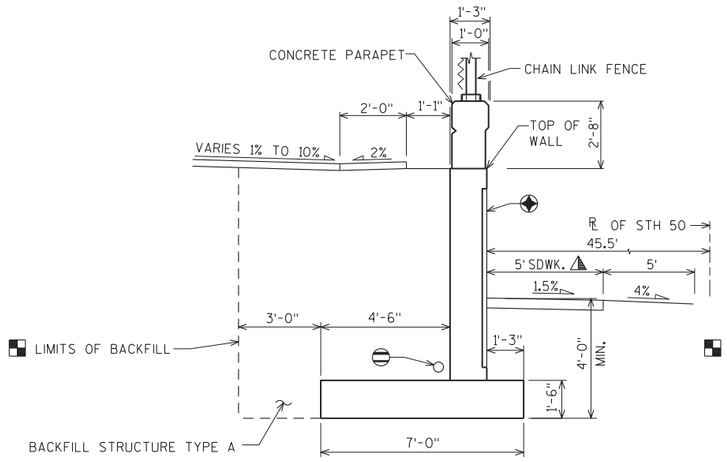
MATERIAL PROPERTIES:

CONCRETE MASONRY ——— f'_c = 3,500 p.s.i.

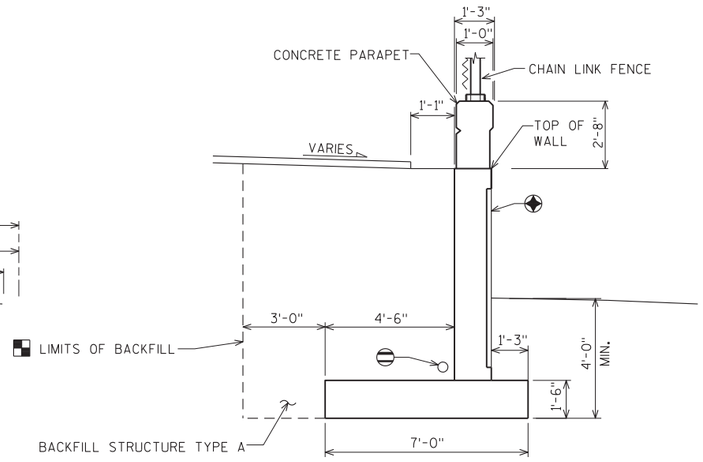
HIGH STRENGTH BAR STEEL REINFORCEMENT (GRADE 60) ——— f_y = 60,000 p.s.i.

FOUNDATION DATA:

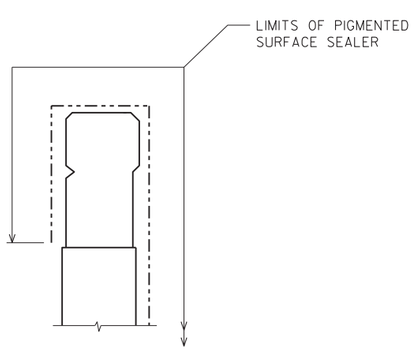
RETAINING WALL TO BE SUPPORTED ON MATERIAL WITH A MINIMUM FACTORED BEARING RESISTANCE OF 1,500 psf. A GEOTECHNICAL ENGINEER WILL DETERMINE THE FACTORED BEARING RESISTANCE BY VISUAL INSPECTION PRIOR TO CONSTRUCTION OF THE RETAINING WALL FOOTING.



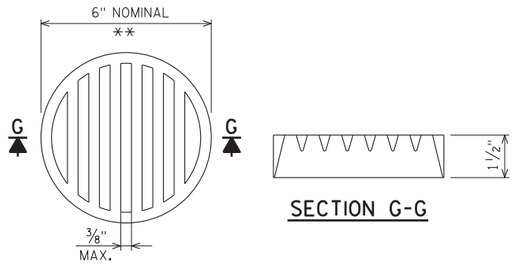
SECTION A-A



SECTION B-B



PIGMENTED SURFACE SEALER DETAIL



SECTION G-G

** DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 x 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

RODENT SHIELD DETAIL

VERTICAL RUSTICATION GROOVES FOR DETAIL SEE SHEET 3.

BACKFILL PAY LIMITS. BACKFILL BEYOND BACKFILL LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED ON THIS SHEET.

±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

FOR LOCATIONS OF SECTION A-A & B-B, SEE SHEET 1

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

DRAWN BY CLP | PLANS CK'D. JLB

RETAINING WALL DETAILS

SHEET 2 OF 12

603

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

7/28/2021
PENTABLE:BReau_shd_utl1.tbl

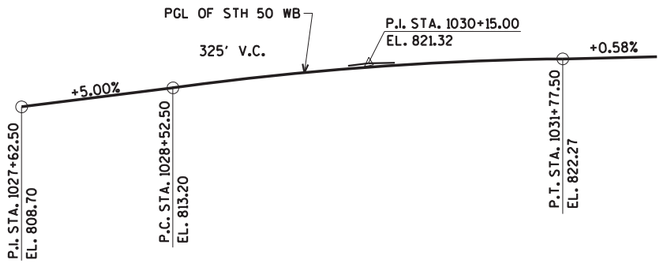
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8

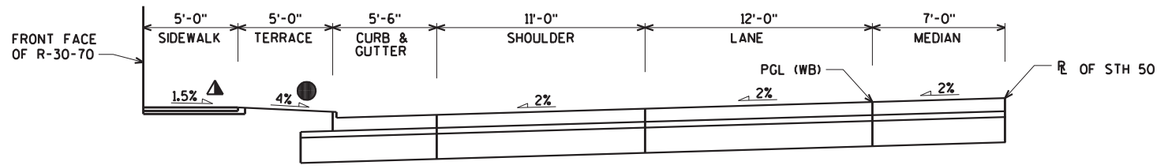
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STATE PROJECT NUMBER

1310-04-70



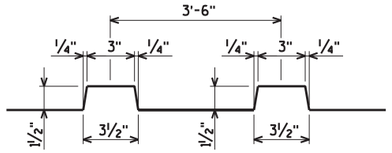
PROFILE GRADE LINE
(STH 50 WB)



ROADWAY TYPICAL HALF SECTION

⚠ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

● SLOPE VARIES FROM 4% TO 11% AT DRIVEWAY AT EAST END OF WALL AS CURB HEAD HEIGHT IS REDUCED.



VERTICAL RUSTICATION GROOVES

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

DRAWN BY CLP | PLANS CK'D. JLB

RETAINING WALL DETAILS

SHEET 3 OF 12
604

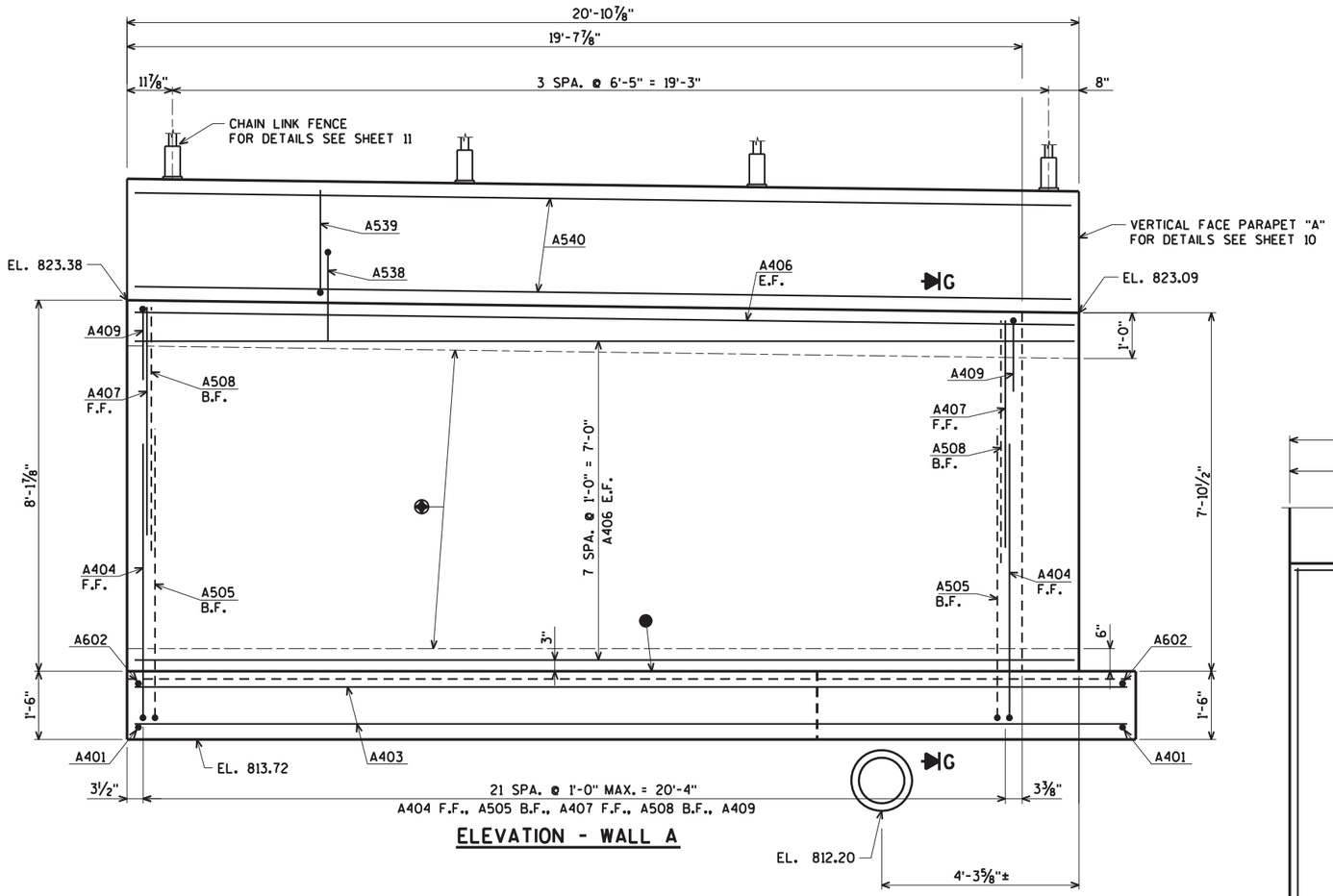
ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

7/26/2021
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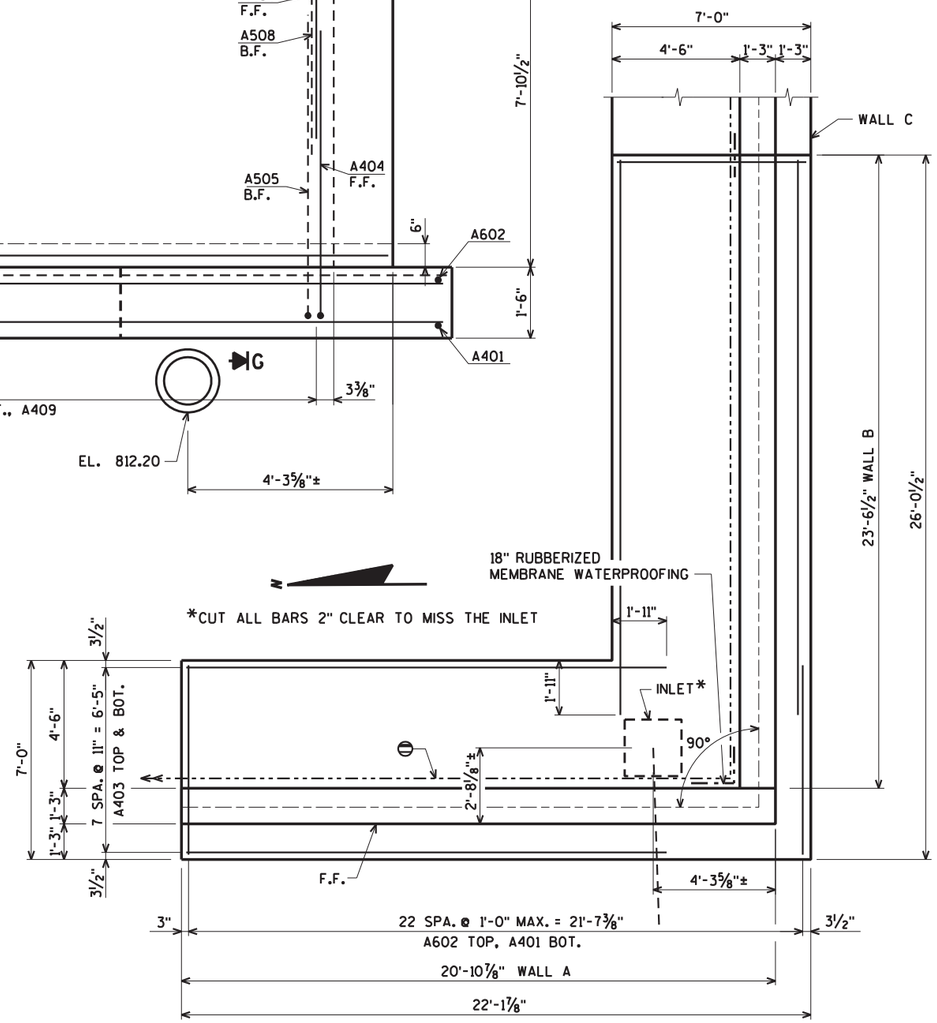
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STATE PROJECT NUMBER

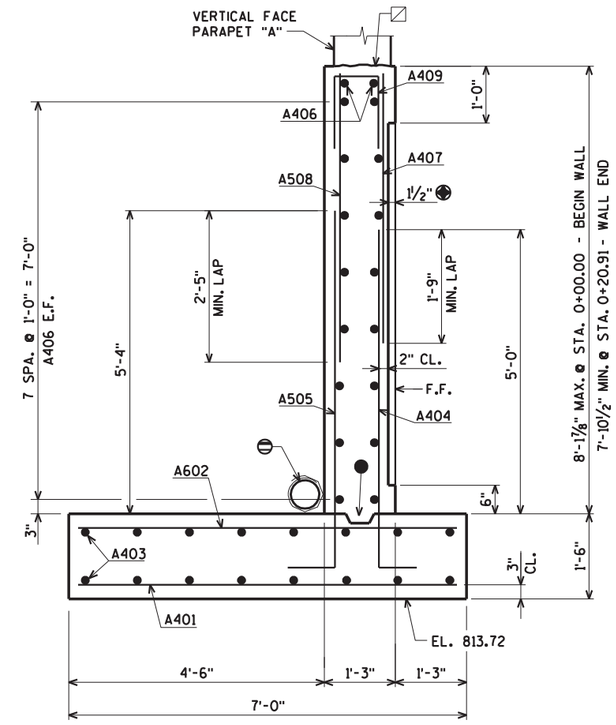
1310-04-70



ELEVATION - WALL A



FOOTING PLAN - WALL A



SECTION G

☒ CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.

◈ VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.

⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 2.

● CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

DRAWN BY CLP | PLANS CK'D. JLB

WALL A DETAILS

SHEET 4 OF 12
605

ORIGINAL PLANS PREPARED BY

AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
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8

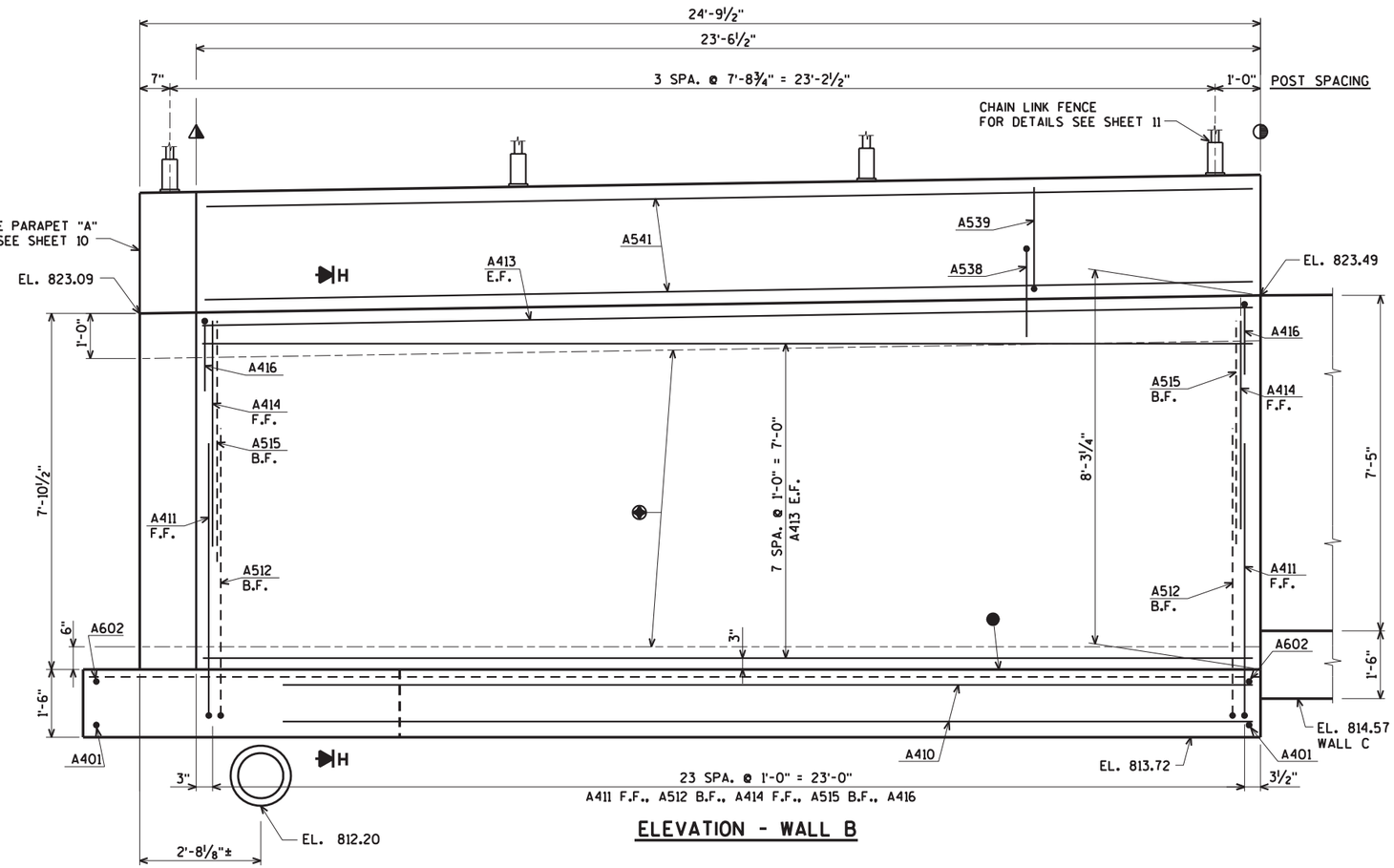
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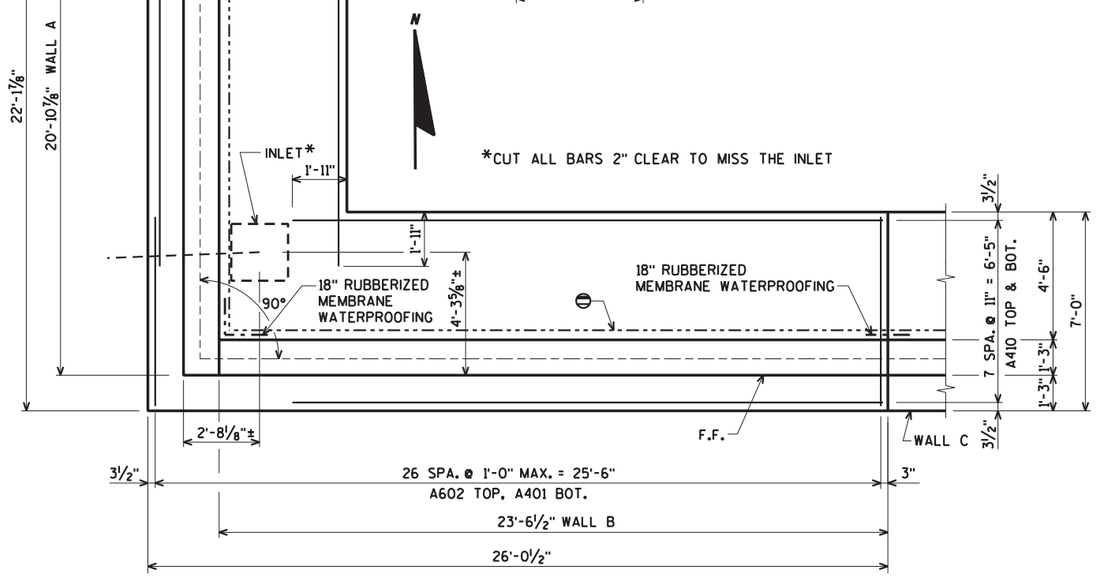
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STATE PROJECT NUMBER

1310-04-70

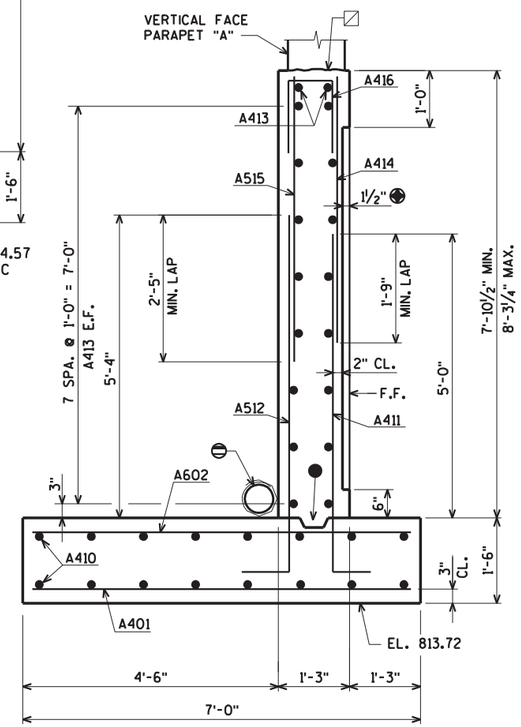


ELEVATION - WALL B



FOOTING PLAN - WALL B

- ⊿ CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.
- ◈ VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.
- ⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 2.
- ● CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".
- ◑ DENOTES VERTICAL CONTRACTION JOINT. SEE DETAIL ON SHEET 9.
- ◭ DENOTES VERTICAL EXPANSION JOINT. SEE DETAIL ON SHEET 9.



SECTION H

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

DRAWN BY CLP | PLANS CK'D. JLB

WALL B DETAILS

SHEET 5 OF 12
606

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
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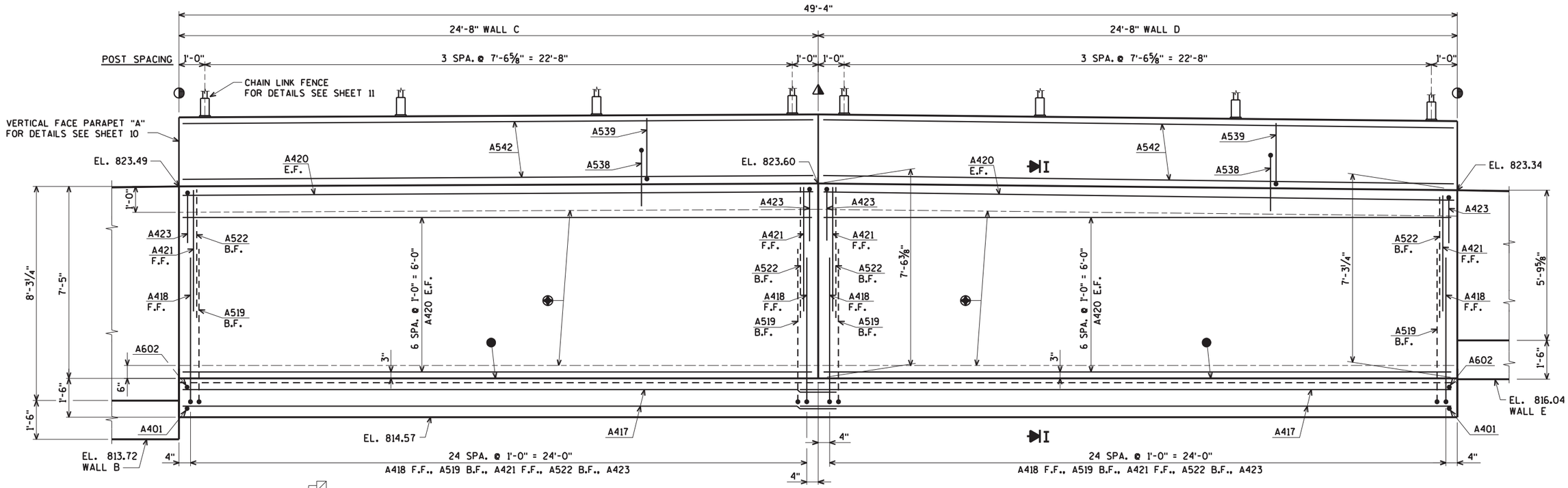
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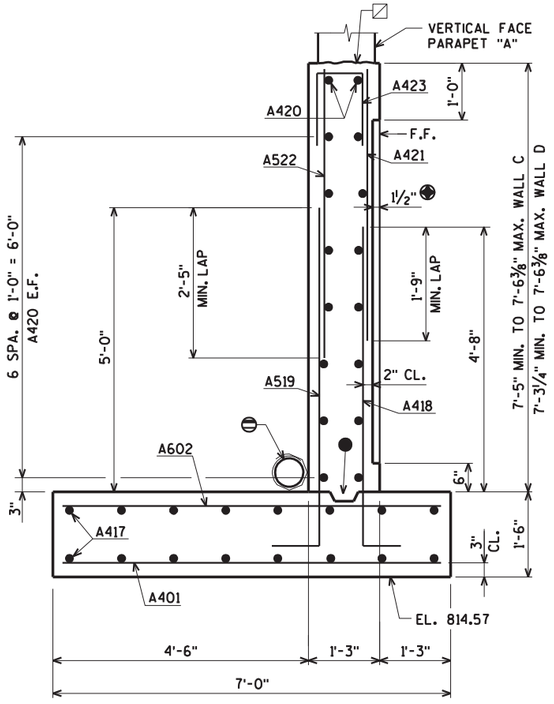
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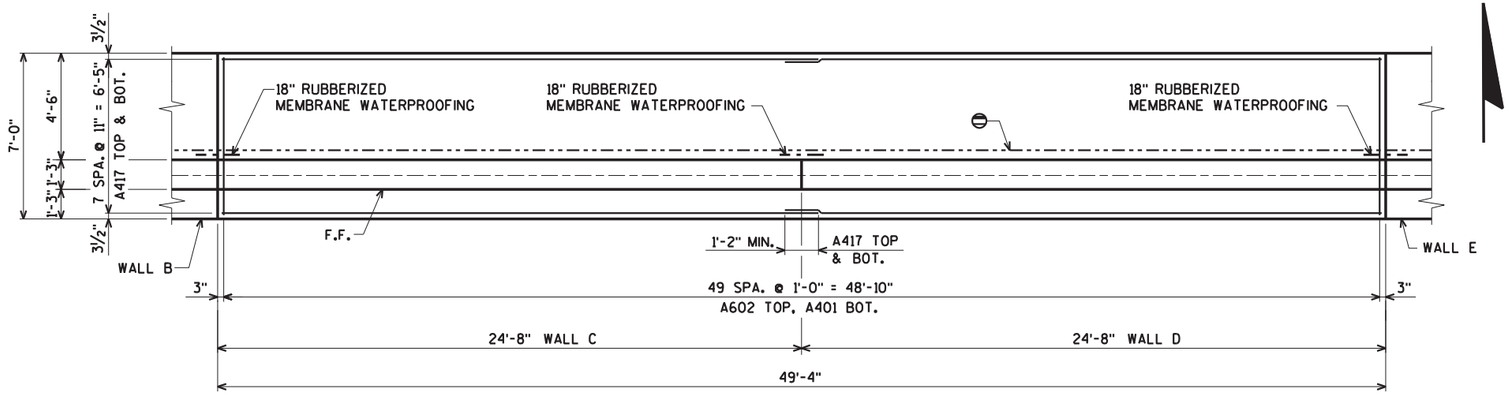
STATE PROJECT NUMBER
1310-04-70



ELEVATION - WALLS C & D



SECTION I



FOOTING PLAN - WALLS C & D

- CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.
- VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.
- PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 2.
- CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".
- DENOTES VERTICAL CONTRACTION JOINT. SEE DETAIL ON SHEET 9.
- DENOTES VERTICAL EXPANSION JOINT. SEE DETAIL ON SHEET 9.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

DRAWN BY CLP | PLANS CK'D. JLB

WALLS C & D DETAILS

SHEET 6 OF 12
607

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

7/27/2021
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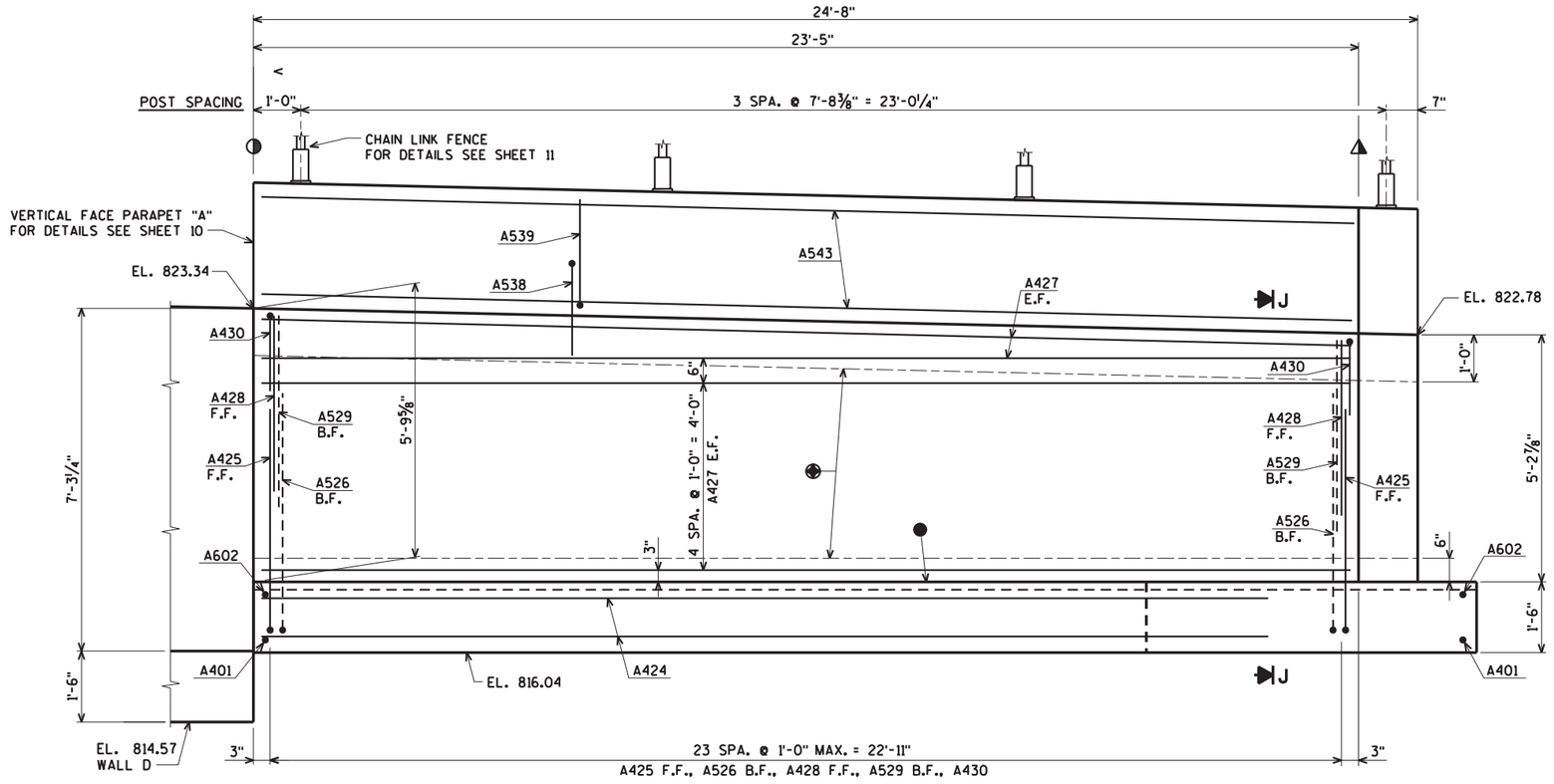
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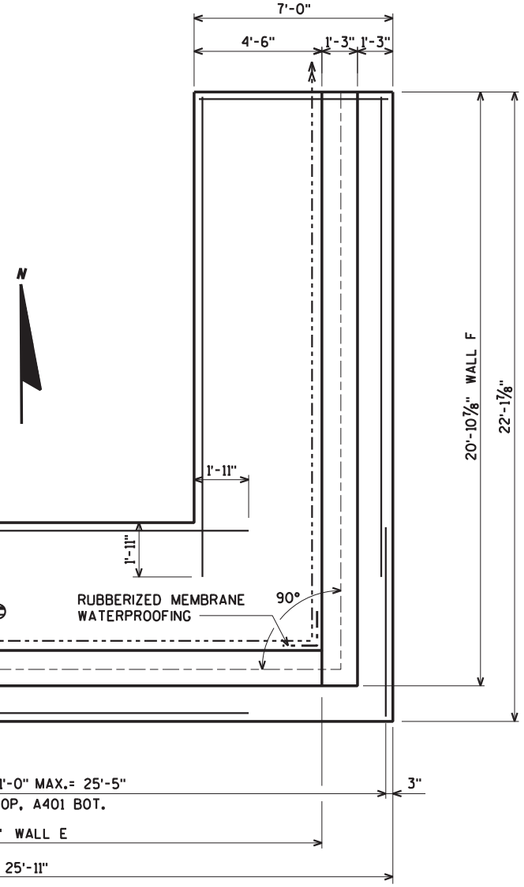
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STATE PROJECT NUMBER

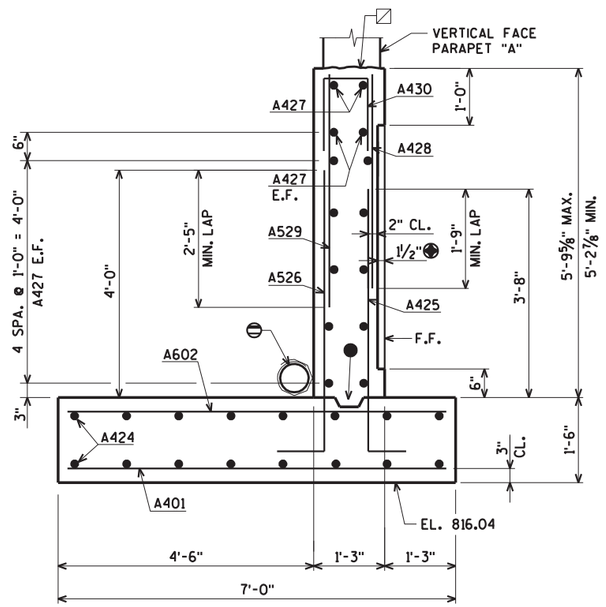
1310-04-70



ELEVATION - WALL E



FOOTING PLAN - WALL E



SECTION J

- CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.
- VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.
- PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 2.
- CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".
- DENOTES VERTICAL CONTRACTION JOINT. SEE DETAIL ON SHEET 9.
- DENOTES VERTICAL EXPANSION JOINT. SEE DETAIL ON SHEET 9.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

DRAWN BY CLP | PLANS CK'D. JLB

WALL E DETAILS

SHEET 7 OF 12
608

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

7/27/2021
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I:±42±76-0103.00 - Kenosha Co. STH 50 Retaining Wall±Structure±FINAL±R-30-70±R-30-70 walls.dgn

STATE PROJECT NUMBER

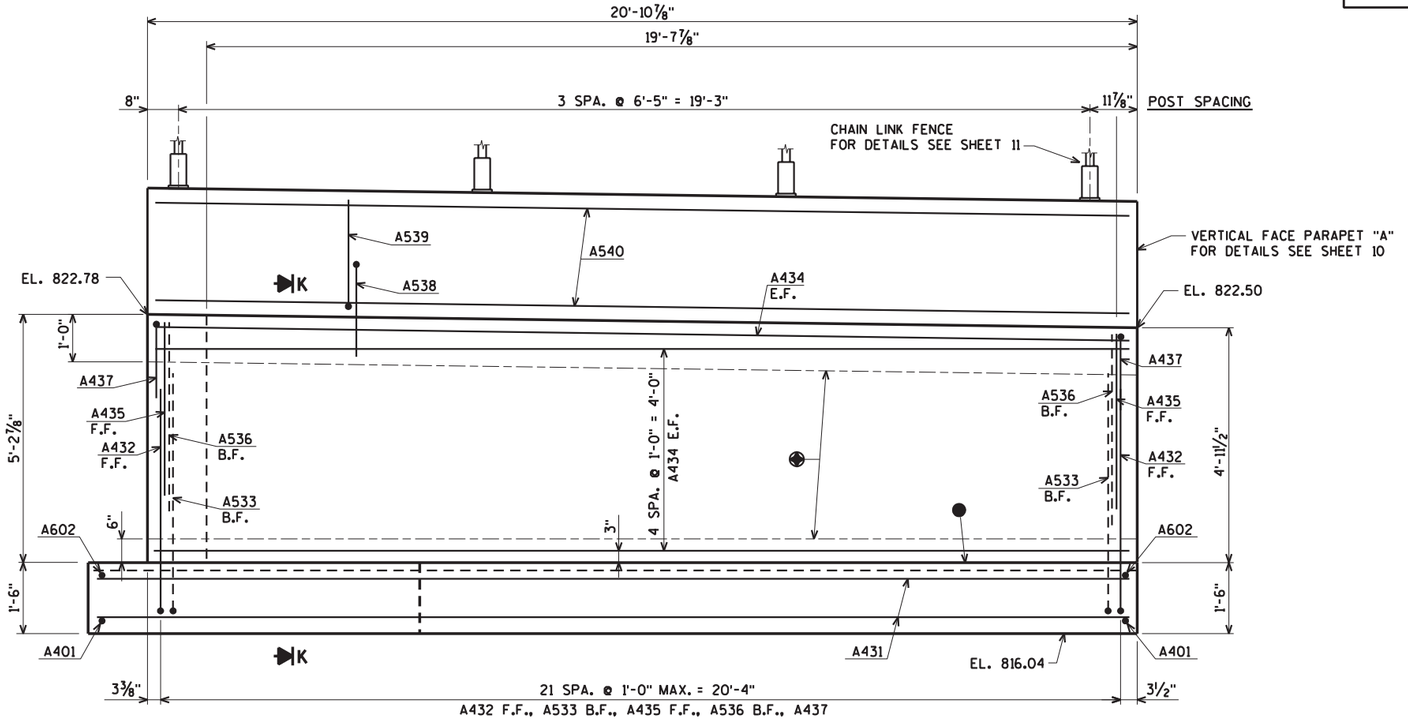
1310-04-70

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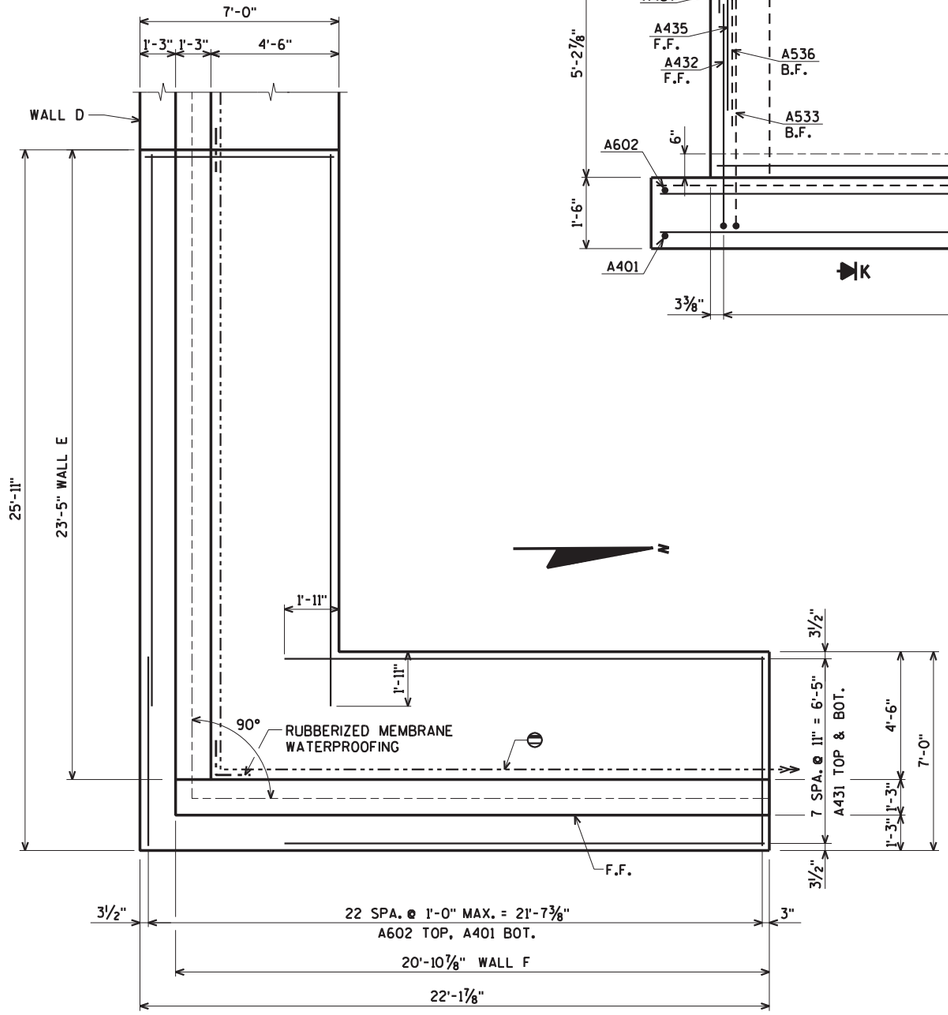
◈ VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.

⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 2.

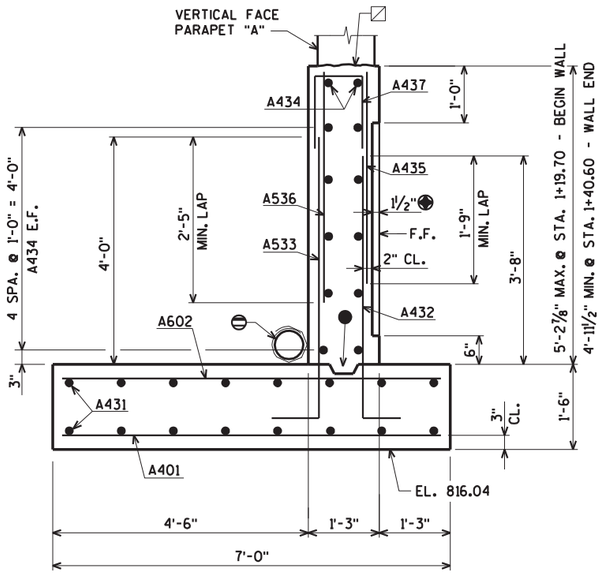
● CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".



ELEVATION - WALL F



FOOTING PLAN - WALL F



SECTION K

ORIGINAL PLANS PREPARED BY

AYRES 3433 Oakwood Hills Parkway Eau Claire, WI 54701 www.AyresAssociates.com

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

DRAWN BY CLP | PLANS CK'D. JLB

WALL F DETAILS

SHEET 8 OF 12
609

8

8

7/27/2021
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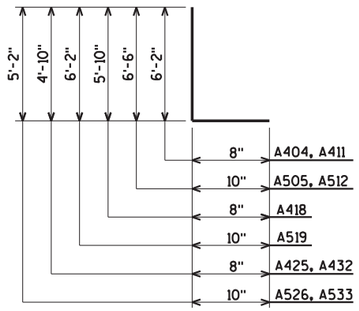
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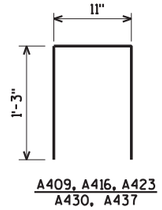
STATE PROJECT NUMBER
1310-04-70

BILL OF BARS

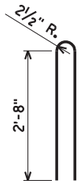
BAR NO.	COATED BAR	NO. REQ'D.	LENGTH	BENT BAR	BUNDLED BAR SERIES	8.050" COATED 2.940" UNCOATED LOCATION
A401		150	6-8			WALL FOOTING BOT. ALL WALLS
A602		150	6-8			WALL FOOTING TOP ALL WALLS
A403		16	16-11			WALL FOOTING TOP & BOT. WALL A
A404	X	22	6-9	X		WALL DOWELS F.F. WALL A
A505	X	22	7-3	X		WALL DOWELS B.F. WALL A
A406	X	18	20-6			WALL HORIZ. E.F. WALL A
A407	X	22	4-9			WALL VERT. F.F. WALL A
A508	X	22	5-1			WALL VERT. B.F. WALL A
A409	X	22	3-3	X		WALL VERT. TOP WALL A
A410		16	20-10			WALL FOOTING TOP & BOT. WALL B
A411	X	24	6-9	X		WALL DOWELS F.F. WALL B
A512	X	24	7-3	X		WALL DOWELS B.F. WALL B
A413	X	18	23-2			WALL HORIZ. E.F. WALL B
A414	X	24	4-10			WALL VERT. F.F. WALL B
A515	X	24	5-2			WALL VERT. B.F. WALL B
A416	X	24	3-3	X		WALL VERT. TOP WALL B
A417		32	24-11			WALL FOOTING TOP & BOT. WALL C & D
A418	X	50	6-5	X		WALL DOWELS F.F. WALL C & D
A519	X	50	6-11	X		WALL DOWELS B.F. WALL C & D
A420	X	32	24-4			WALL HORIZ. E.F. WALL C & D
A421	X	50	4-8			WALL VERT. F.F. WALL C & D
A522	X	50	5-0			WALL VERT. B.F. WALL C & D
A423	X	50	3-3	X		WALL VERT. TOP WALL C & D
A424		16	20-8			WALL FOOTING TOP & BOT. WALL E
A425	X	24	5-5	X		WALL DOWELS F.F. WALL E
A526	X	24	5-11	X		WALL DOWELS B.F. WALL E
A427	X	14	23-1			WALL HORIZ. E.F. WALL E
A428	X	24	3-9			WALL VERT. F.F. WALL E
A529	X	24	4-1			WALL VERT. B.F. WALL E
A430	X	24	3-3	X		WALL VERT. TOP WALL E
A431		16	16-11			WALL FOOTING TOP & BOT. WALL F
A432	X	22	5-5	X		WALL DOWELS F.F. WALL F
A533	X	22	5-11	X		WALL DOWELS B.F. WALL F
A434	X	12	20-6			WALL HORIZ. E.F. WALL F
A435	X	22	3-2			WALL VERT. F.F. WALL F
A536	X	22	3-6			WALL VERT. B.F. WALL F
A437	X	22	3-3	X		WALL VERT. TOP WALL F
A538	X	170	6-1	X		WALL PARAPET VERT.
A539	X	170	4-9	X		WALL PARAPET VERT.
A540	X	16	20-6			WALL PARAPET HORIZ. WALL A & F
A541	X	8	23-2			WALL PARAPET HORIZ. WALL B
A542	X	16	24-4			WALL PARAPET HORIZ. WALL C & D
A543	X	8	24-4			WALL PARAPET HORIZ. WALL E

BENDING DIMENSIONS ARE OUT TO OUT OF BARS.





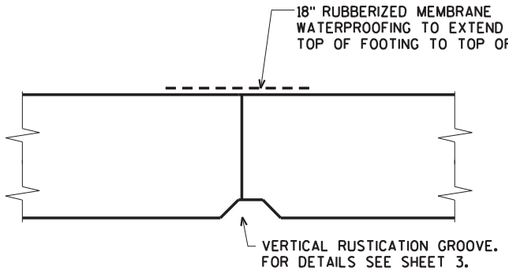
A409, A416, A423
A430, A437



A538

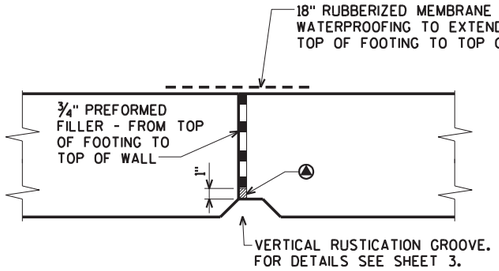


A539



VERTICAL CONTRACTION JOINT DETAIL

DO NOT RUN ANY BAR STEEL THRU JOINT



VERTICAL EXPANSION JOINT DETAIL

DO NOT RUN ANY BAR STEEL THRU JOINT

(A) FILL WITH NON-STAINING GRAY SINGLE COMPONENT NON-BITUMINOUS JOINT SEALER. FROM 1'-0" BELOW GROUND LINE TO TOP OF WALL.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

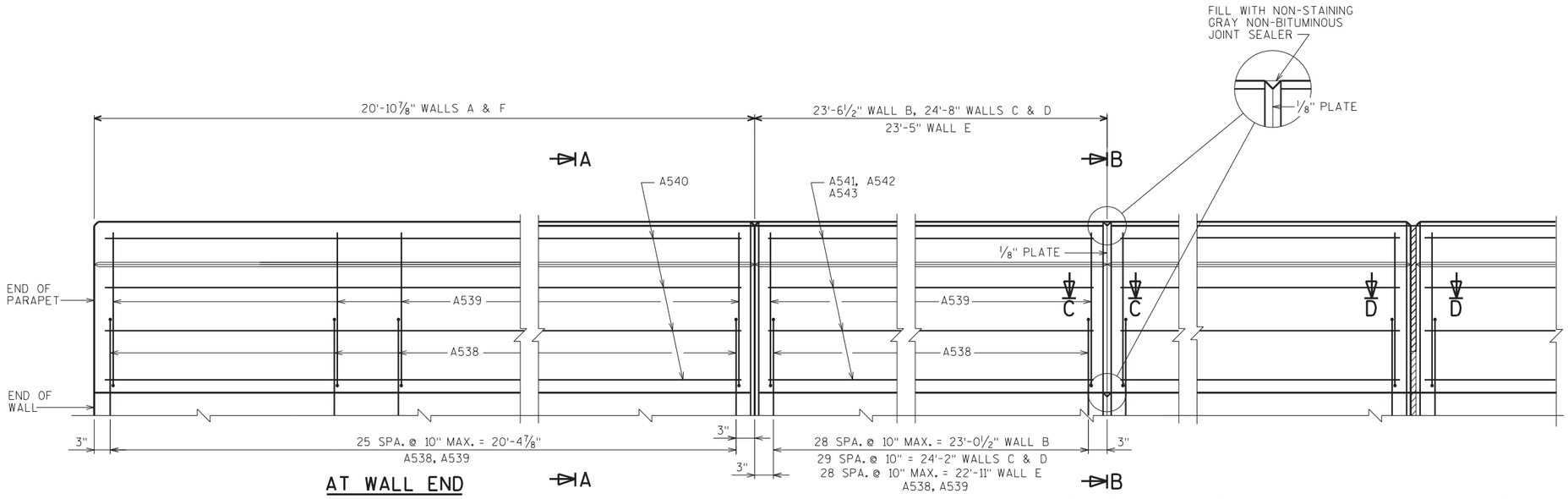
DRAWN BY CLP | PLANS CK'D. JLB

WALL DETAILS & BILL OF BARS

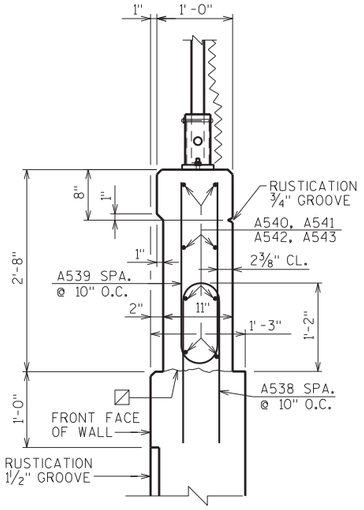
SHEET 9 OF 12
610

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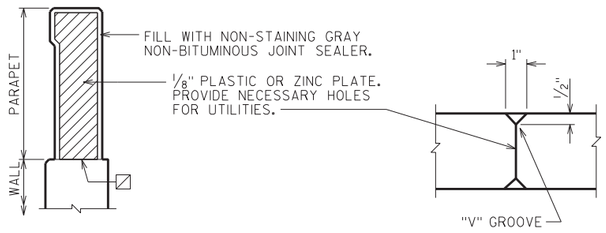
STATE PROJECT NUMBER
1310-04-70



ELEVATION OF PARAPET



SECTION A-A



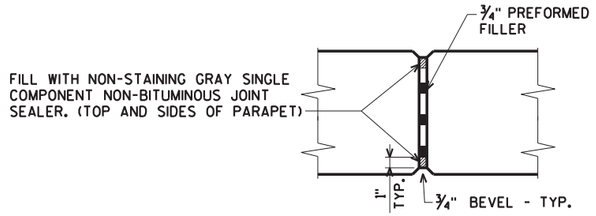
SECTION B-B

(SHOWING CONTRACTION JOINT IN PARAPET)

SECTION C-C

WHEN PARAPETS ARE POURED CONTINUOUSLY FROM END TO END, THEY SHALL BE SEPARATED AT THE DEFLECTION JOINTS BY A PIECE OF 1/8" ZINC OR PLASTIC PLATE CUT AS SHOWN IN SECTION B-B BY SHADED AREA. IF CONSTRUCTION JOINTS IN PARAPETS ARE USED AT THE DEFLECTION JOINTS, ONE SIDE OF JOINT SHALL BE COATED WITH AN APPROVED LIQUID BOND BREAKER AND PLATE SEPARATORS MAY BE OMITTED.

☒ CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.



SECTION D-D

(SHOWING EXPANSION JOINT IN PARAPET)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

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VERTICAL FACE PARAPET "A"

SHEET 10 OF 12
611

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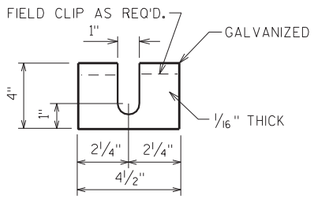
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STATE PROJECT NUMBER

1310-04-70

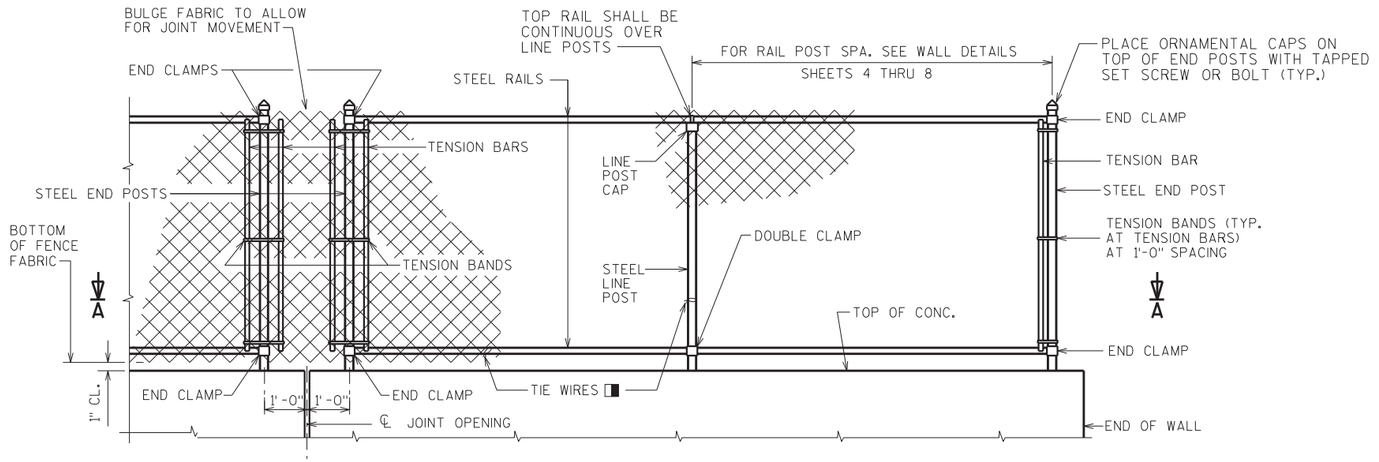
FENCE MEMBER SIZE & WEIGHT

STEEL FENCE MEMBER	OUTSIDE DIAMETER (INCHES)	WEIGHT (LB/FT)
RAILS	1.660	2.27
END POST	2.875	5.80
OVERHANG POST	2.875	5.80
LINE POST	2.375	3.65
POST SLEEVE	4.000	9.12



POST SHIM DETAILS

SHIMS REQUIRED ONLY WHEN END POSTS AND LINE POSTS ARE WELDED TO BASE PLATES. PROVIDE 4 SHIMS PER POST. USE WHERE REQUIRED FOR ALIGNMENT.



FENCE PART ELEVATION

VIEWING FABRIC SIDE

NOTES

POSTS ARE TO BE SET VERTICAL.

ALL FENCE COMPONENTS SHALL BE GALVANIZED STEEL, EXCEPT THE FENCE FABRIC WHICH MAY BE ALUMINUM-COATED STEEL OR GALVANIZED STEEL.

FABRIC SHALL CONFORM TO ASTM A491 OR A392, CLASS 2. STEEL RAILS, POSTS AND POST SLEEVES SHALL CONFORM TO ASTM F1083, STANDARD WEIGHT PIPE (SCHEDULE 40). FITTINGS SHALL CONFORM TO ASTM F626.

THE BID ITEM SHALL BE "FENCE CHAIN LINK 4- FT."

COMPLETE ANY REQUIRED WELDING OF COMPONENTS BEFORE GALVANIZING.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

BASE PLATES, ANCHOR PLATES AND SHIMS SHALL BE ASTM A709, GRADE 36.

ALL POST SPACINGS ARE MEASURED HORIZONTALLY ALONG THE C/L OF THE POST.

◪ CAULK AROUND PERIMETER OF BASE PLATE AND FILL PORTION OF SLOTTED HOLE AROUND ANCHOR BOLT IN SHIM WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

✳ ALTERNATE TO DOUBLE CLAMP: USE LINE RAIL CLAMP (BOULEVARD) OR 180° BRACE BAND, WHICH MAY BE USED WHEN THE POSTS ARE EITHER BOLTED TO THE POST SLEEVES OR DIRECTLY WELDED TO THE BASE PLATE.

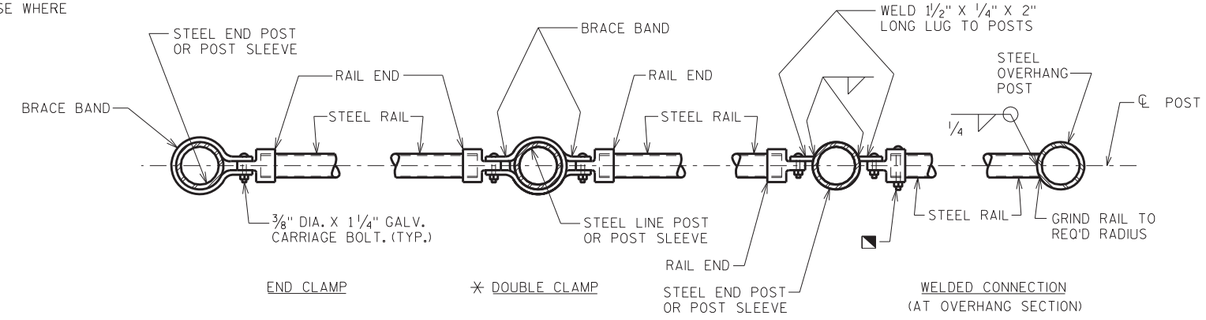
◭ ANCHOR BOLTS, NUTS AND WASHERS SHALL BE EITHER STAINLESS STEEL OR ASTM 307. IF 307 IS USED, ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED. ✩

✩ ALTERNATIVE ANCHORAGE: CONCRETE ADHESIVE ANCHORS 1/2-INCH. EMBED 7" IN CONCRETE. ADHESIVE ANCHORS SHALL CONFORM TO SECTIONS 502.2.12 AND 502.3.14 OF THE STANDARD SPECIFICATIONS.

◨ ATTACH FABRIC TO RAILS, AND TO POSTS WITHOUT TENSION BANDS, WITH TIE WIRES (ROUND, 9-GAGE) SPACED AT 1'-0".

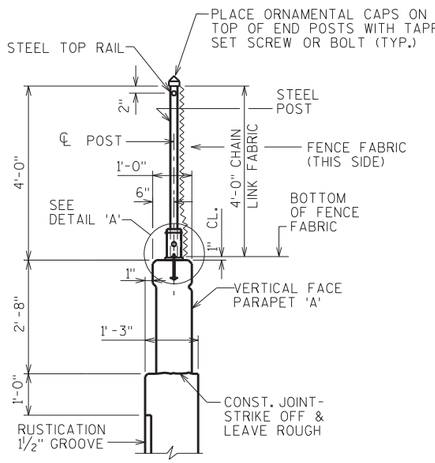
◹ BOLT RAIL TO RAIL END TO SECURE OVERHANG SECTION. ALTERNATE IS TO WELD RAIL DIRECTLY TO END POST.

MINIMUM LENGTH OF TOP RAIL BETWEEN SPLICES SHALL BE 20'-0". LOCATE SPLICES NEAR 1/4 POINT OF POST SPACING.

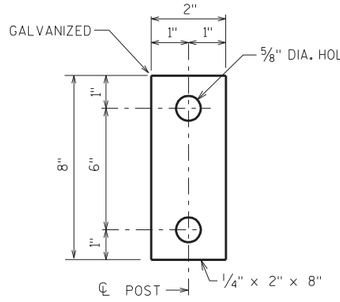


SECTION A-A

NOTE: PLACE ALL BOLT HEADS ON SIDE OF FENCE ADJACENT TO PEDESTRIANS

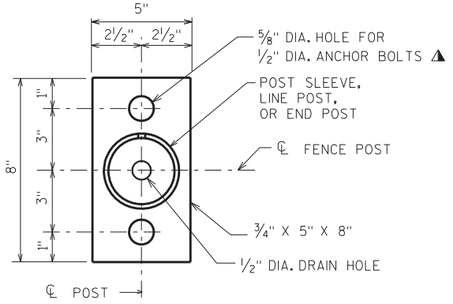


SECTION THRU FENCE

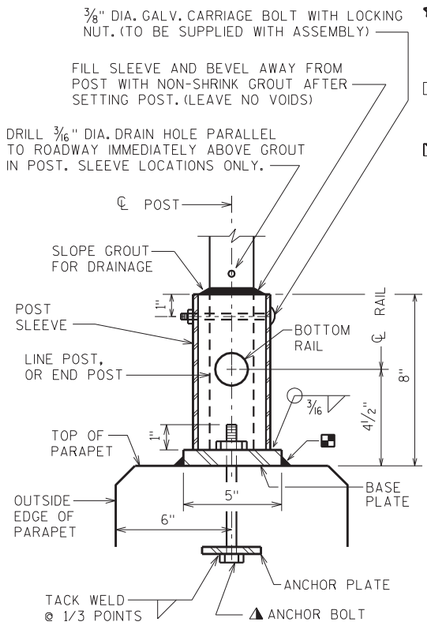


ANCHOR PLATE

✩NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.



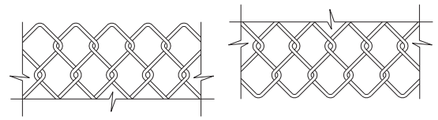
BASE PLATE



DETAIL 'A'

UNIT SHALL BE GALVANIZED AFTER FABRICATION

NOTE: IN LIEU OF USING THE POST SLEEVE, THE FENCE POST MAY BE WELDED TO THE BASE PLATE.



TOP DETAIL BOTTOM DETAIL

FENCE FABRIC

FENCE FABRIC WOVEN OF 9-GAGE WIRE IN 2" DIAMOND PATTERN MESH WITH BOTH THE TOP AND BOTTOM SELVAGES KNUCKLED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

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CHAIN LINK FENCE DETAILS

SHEET 11 OF 612

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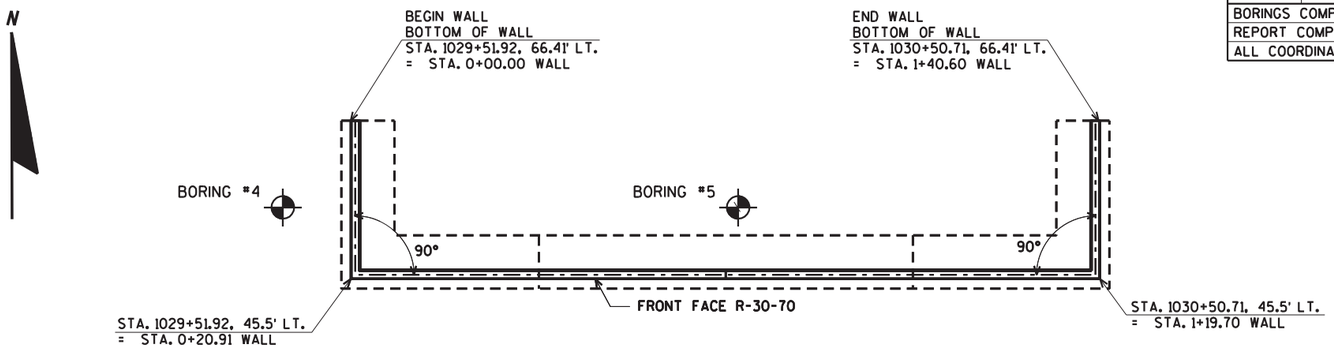
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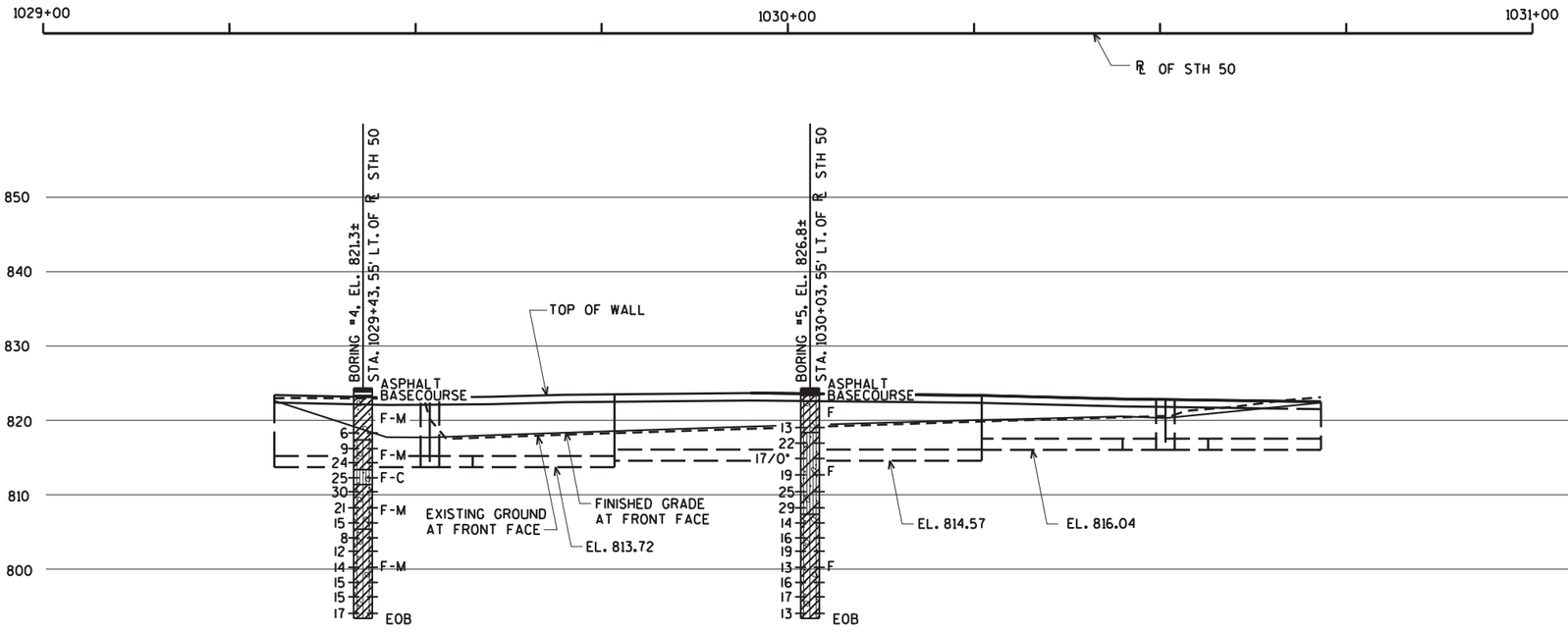
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7/26/2021
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BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
4	OCTOBER 1, 2019	128261.34	552562.79
5	OCTOBER 1, 2019	128261.61	552622.79
BORINGS COMPLETED BY: WISDOT			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) KENOSHA COUNTY			





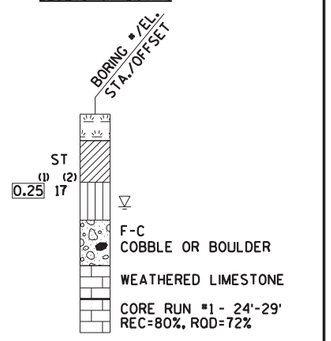
STATE PROJECT NUMBER

1310-04-70

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- AT TIME OF DRILLING
- END OF DRILLING
- AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-70

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SUBSURFACE EXPLORATION

SHEET 12 OF 12
613

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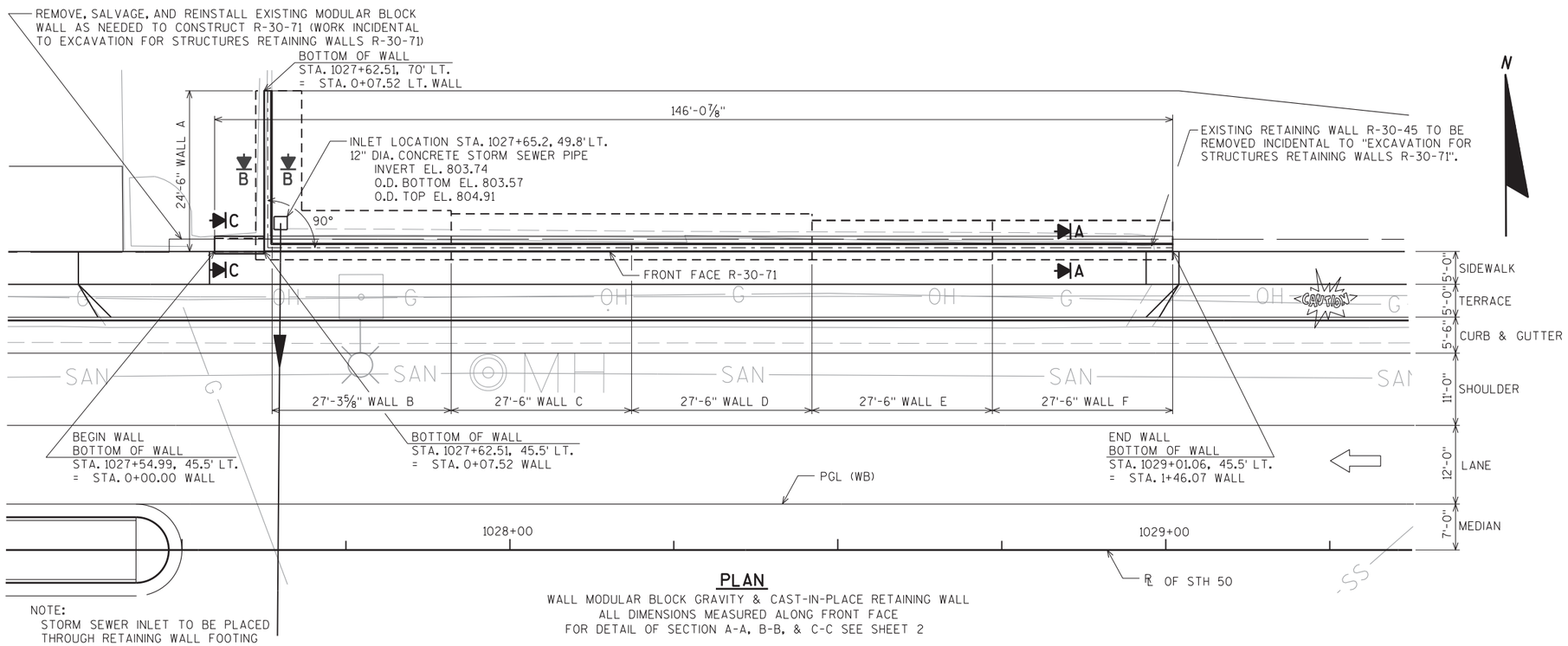
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7/26/2021
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$PRFNAME$
DATE:
DATE:
DATE:
CHECKED BY:
BACK CHECKED BY:
CORRECTED BY:
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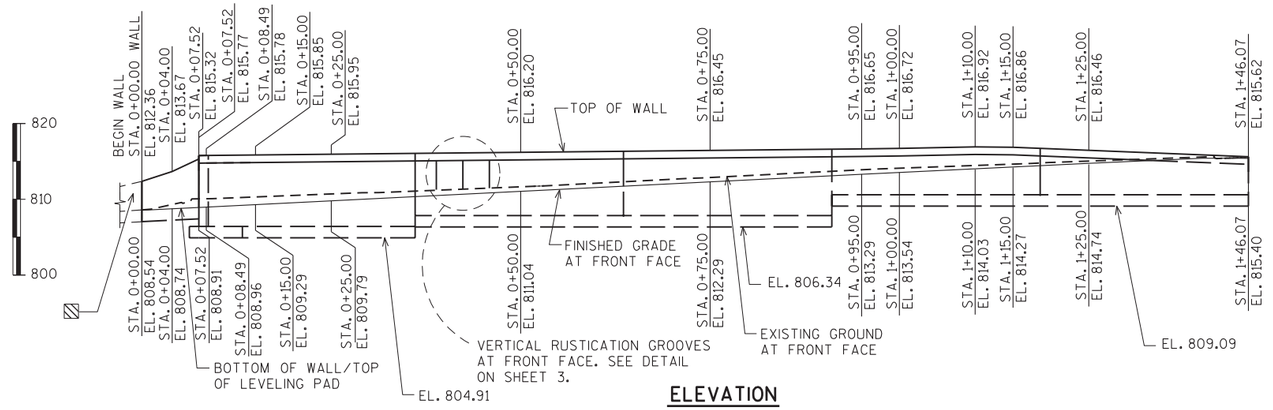
STATE PROJECT NUMBER
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NOTE:
STORM SEWER INLET TO BE PLACED THROUGH RETAINING WALL FOOTING

PLAN

WALL MODULAR BLOCK GRAVITY & CAST-IN-PLACE RETAINING WALL
ALL DIMENSIONS MEASURED ALONG FRONT FACE
FOR DETAIL OF SECTION A-A, B-B, & C-C SEE SHEET 2



ELEVATION

(LOOKING AT FRONT FACE OF WALL)

▨ REMOVE, SALVAGE, AND REINSTALL EXISTING MODULAR BLOCK WALL AS NEEDED TO CONSTRUCT R-30-71 (WORK INCIDENTAL TO REMOVING RETAINING WALL R-30-45)

NOTE:
PARAPET AND CHAIN LINK FENCE NOT SHOWN.

LIST OF DRAWINGS

1. RETAINING WALL LAYOUT
2. RETAINING WALL DETAILS
3. RETAINING WALL DETAILS
4. WALL A DETAILS
5. WALL B DETAILS
6. WALLS C & D DETAILS
7. WALLS E & F DETAILS
8. WALL DETAILS
9. WALL DETAILS & BILL OF BARS
10. VERTICAL FACE PARAPET "A"
11. CHAIN LINK FENCE DETAILS
12. SUBSURFACE EXPLORATION

FOR GENERAL NOTES AND DESIGN DATA SEE SHEET 2

GEOMETRY TABLE

WALL STATION	ROADWAY STATION	OFFSET TO F.F. WALL	TOP OF WALL EL.	FINISHED GRADE EL.
0+00.00	1027+54.99	45.5'	812.36	808.54
0+04.00	1027+58.99	45.5'	813.67	808.74
0+07.52	1027+62.51	45.5'	815.32	808.91
0+07.52	1027+62.51	45.5'	815.77	808.91
0+08.49	1027+63.48	45.5'	815.78	808.96
0+15.00	1027+69.99	45.5'	815.85	809.29
0+25.00	1027+79.99	45.5'	815.95	809.79
0+50.00	1028+04.99	45.5'	816.20	811.04
0+75.00	1028+29.99	45.5'	816.45	812.29
0+95.00	1028+49.99	45.5'	816.65	813.29
1+00.00	1028+54.99	45.5'	816.72	813.54
1+10.00	1028+64.99	45.5'	816.92	814.03
1+15.00	1028+69.99	45.5'	816.86	814.27
1+25.00	1028+79.99	45.5'	816.46	814.74
1+46.07	1029+01.06	45.5'	815.62	815.40

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID ITEMS		UNIT
206.3000	EXCAVATION FOR STRUCTURES RETAINING WALLS R-30-71	1	LS
210.1500	BACKFILL STRUCTURE TYPE A	710	TON
502.3210	PIGMENTED SURFACE SEALER	260	SY
504.0500	CONCRETE MASONRY RETAINING WALLS	145	CY
505.0400	BAR STEEL REINFORCEMENT HS STRUCTURES	3,860	LB
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	9,240	LB
516.0500	RUBBERIZED MEMBRANE WATERPROOFING	8	SY
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	210	LF
616.0204	FENCE CHAINLINK 4-FT	160	LF
SPV.0165.03	WALL MODULAR BLOCK GRAVITY R-30-71	50	SF

BRIDGE OFFICE CONTACT:
AARON BONK
(608)-261-0261

CONSULTANT CONTACT:
ARLEN BEAUDETTE
(715)-834-3161

NO.	DATE	REVISION	BY

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STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-30-71

RETAINING WALL ALONG STH 50

COUNTY	~~TOWN/CITY/~~ VILLAGE
KENOSHA	PADDOCK LAKE

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
ZSS	JLB	CLP	AEB

RETAINING WALL LAYOUT

SHEET 1 OF 12
614

I.D. DATE:

STATE PROJECT NUMBER
1310-04-70

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

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

THE FIRST DIGIT OF A THREE DIGIT BAR NO. AND THE FIRST TWO DIGITS OF A FOUR DIGIT BAR NO. SIGNIFIES THE BAR SIZE.

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. DESIGNATION M 153, TYPE I, II OR III OR A.A.S.H.T.O. DESIGNATION M 213.

AT THE BACK FACE OF THE RETAINING WALL ALL SPACES EXCAVATED AND NOT OCCUPIED BY THE NEW STRUCTURE SHALL BE BACKFILLED WITH BACKFILL STRUCTURE.

THE UPPER LIMITS OF "EXCAVATION FOR STRUCTURES RETAINING WALLS R-30-71" SHALL BE THE EXISTING GROUND LINE.

THE BACKFILL QUANTITIES ARE BASED ON THE PAY LIMITS SHOWN ON THE PLANS AND MAY NOT REFLECT ACTUAL PLACED QUANTITIES. "BACKFILL STRUCTURE TYPE A" REQUIRED FOR THE ENTIRE WALL LENGTH. BACKFILL PLACED BEYOND PAY LIMITS OR EXCEEDING PLAN QUANTITIES SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES.

THE PLAN QUANTITY FOR THE BID ITEM "WALL MODULAR BLOCK GRAVITY" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF WALL TO A CONSTANT DEPTH OF 1'-6" BELOW FINISHED GRADE.

STORM SEWER INLET TO BE PLACED THROUGH RETAINING WALL FOOTING.

PIGMENTED SURFACE SEALER IS TO BE APPLIED AS SHOWN IN DETAIL ON SHEET 3.

THE QUANTITY OF CONCRETE MASONRY, COATED REINFORCING STEEL, AND RUBBERIZED MEMBRANE WATERPROOFING FOR THE CAST-IN-PLACE COPING IS INCIDENTAL TO BID ITEM "WALL MODULAR BLOCK GRAVITY".

THE EXISTING RETAINING WALL, R-30-45, IS A LIMESTONE BLOCK RETAINING WALL APPROXIMATELY 5-FEET TALL AND 170-FEET LONG. REMOVAL OF THE WALL IS INCIDENTAL TO "EXCAVATION FOR STRUCTURES RETAINING WALLS R-30-71".

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN PLANS, DETAILS, SPECIFICATIONS AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL MODULAR BLOCK GRAVITY".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS AND DETAILS COMMON TO ANY WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

THE RETAINIING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON SHEET 1.

DESIGN FOR RETAINING WALL TO PROVIDE FOR FINISHED GRADE SLOPED BEHIND WALL AND RAILING AS SHOWN.

LIVE LOAD:
100 psf SURCHARGE

MATERIAL PROPERTIES:

CONCRETE MASONRY ——— f'_c = 3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT (GRADE 60) ——— f_y = 60,000 p.s.i.

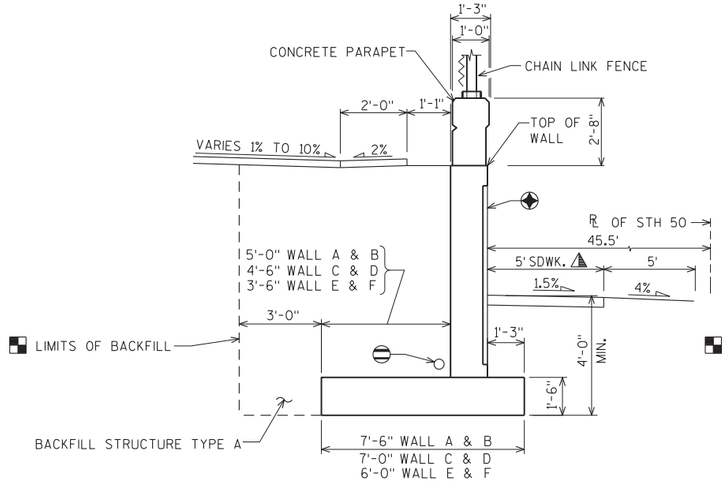
FOUNDATION DATA:

RETAINING WALL TO BE SUPPORTED ON MATERIAL WITH A MINIMUM FACTORED BEARING RESISTANCE OF 1,500 psf. A GEOTECHNICAL ENGINEER WILL DETERMINE THE FACTORED BEARING RESISTANCE BY VISUAL INSPECTION PRIOR TO CONSTRUCTION OF THE RETAINING WALL FOOTING.

SOIL PARAMETERS

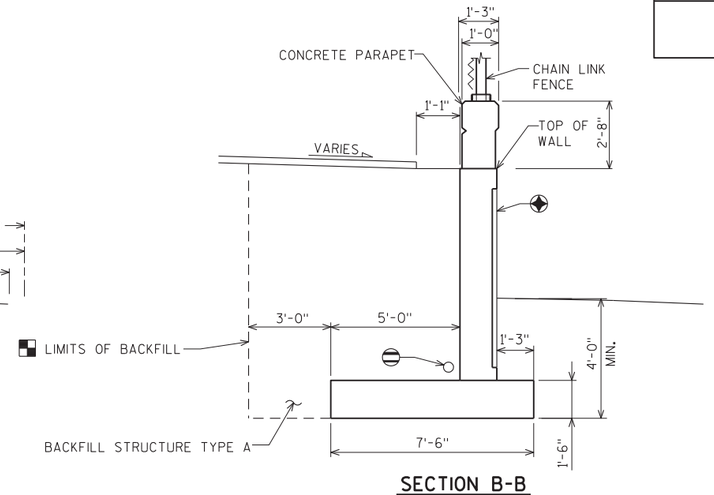
STRATUM LOCATIONS AND SOIL DESCRIPTIONS	TOTAL UNIT WEIGHT (PCF)	FRICTION ANGLE (DEGREES)	COHESION (PCF)	FACTORED BEARING RESISTANCE (PSF)
GRANULAR BACKFILL (REINFORCING ZONE OR BACKFILL)	130	30	0	1,500
RETAINED SOIL ⊛	130	30	0	1,500

⊛ DESIGN WALL FOR THESE VALUES



SECTION A-A

STA. 0+07.52 TO STA. 1+46.07



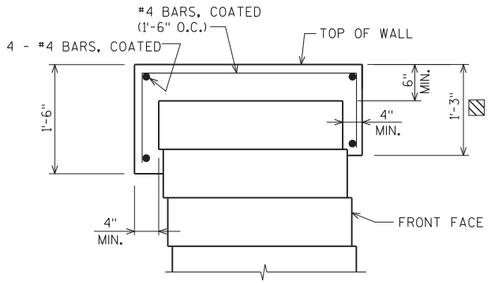
SECTION B-B

STA. 0+07.52 LT.

◈ VERTICAL RUSTICATION GROOVES FOR DETAIL SEE SHEET 3.

NOTES

☆ THE LENGTHS PROVIDED IN THE TABLE ARE THE MINIMUM REQUIRED REINFORCMENT LENGTHS BASED ON OVERALL STABILITY PERFORMED BY THE WALL DESIGNER. COMPOUND STABILITY IS THE CONTRACTORS RESPONSIBILITY.



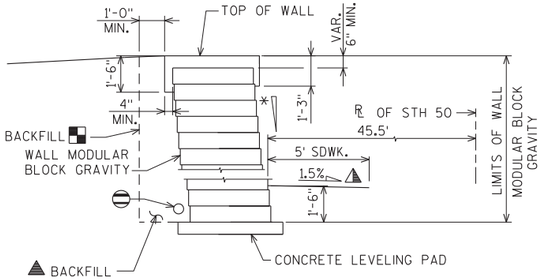
COPING DETAIL

▨ THIS DIMENSION MAY CHANGE DEPENDING ON HEIGHT OF BLOCKS. THIS DIMENSION TO BE CONSTANT FOR ENTIRE LENGTH OF WALL. MAXIMUM ALLOWABLE HEIGHT OF BLOCKS TO BE 9 INCHES.

MAINTAIN 2" MINIMUM COVER ON ALL REBAR.

WALL EXTERNAL & OVERALL STABILITY EVALUATION

DIMENSIONS	EVALUATED LOCATIONS
WALL HEIGHT (FEET)	7.91
EXPOSED WALL HEIGHT (FEET)	6.41
WALL STATION 0+00.00 - 0+07.52	
BORING USED	#2 & #3
CAPACITY TO DEMAND RATIO (CDR)	
SLIDING (CDR>1.0)	
ECCENTRICITY (CDR>1.0)	
OVERALL STABILITY (CDR>1.0) ☆	
BEARING RESISTANCE (CDR>1.0)	
FACTORED BEARING RESISTANCE (psf)	1,500



SECTION C-C

STA. 0+00 TO STA. 0+07.52

* SET BLOCK VARIES BY MANUFACTURER, MAX. FRONT FACE FROM VERTICAL BLOCK IS 1 HORIZ. TO 12 VERT.

▪ BACKFILL LIMITS. BACKFILL BEYOND BACKFILL LIMITS SHALL BE INCIDENTAL TO EXCAVATION FOR STRUCTURES. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

⚠ INCIDENTAL TO BID ITEM "WALL MODULAR BLOCK GRAVITY".

⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED ON SHEET 3.

⚠ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

FOR LOCATIONS OF SECTION A-A, B-B, & C-C SEE SHEET 1

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
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STRUCTURE R-30-71

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RETAINING WALL DETAILS

SHEET 2 OF 12
615

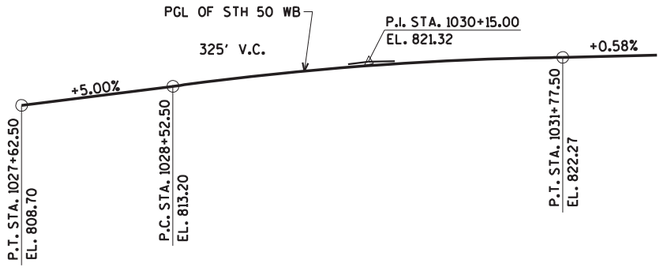
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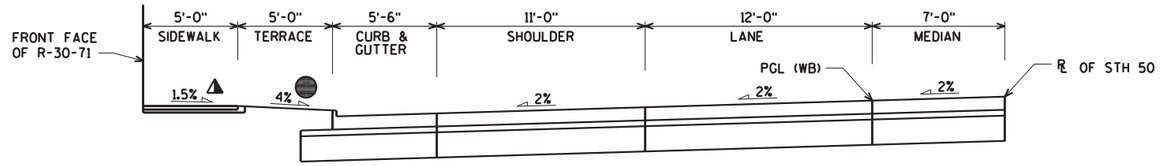
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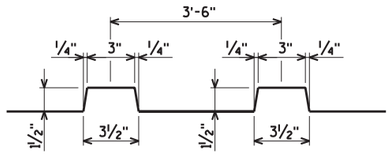
PROFILE GRADE LINE
(STH 50 WB)



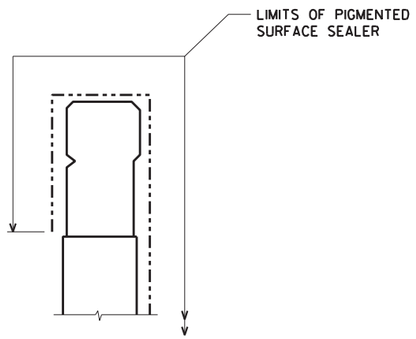
ROADWAY TYPICAL HALF SECTION

⚠ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

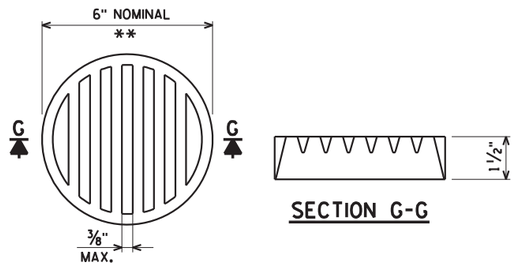
● SLOPE VARIES FROM 4% TO 11% AT DRIVEWAY AT EAST END OF WALL AS CURB HEAD HEIGHT IS REDUCED.



VERTICAL RUSTICATION GROOVES



PIGMENTED SURFACE SEALER DETAIL



SECTION G-G

** DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 x 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

RODENT SHIELD DETAIL

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RETAINING WALL DETAILS

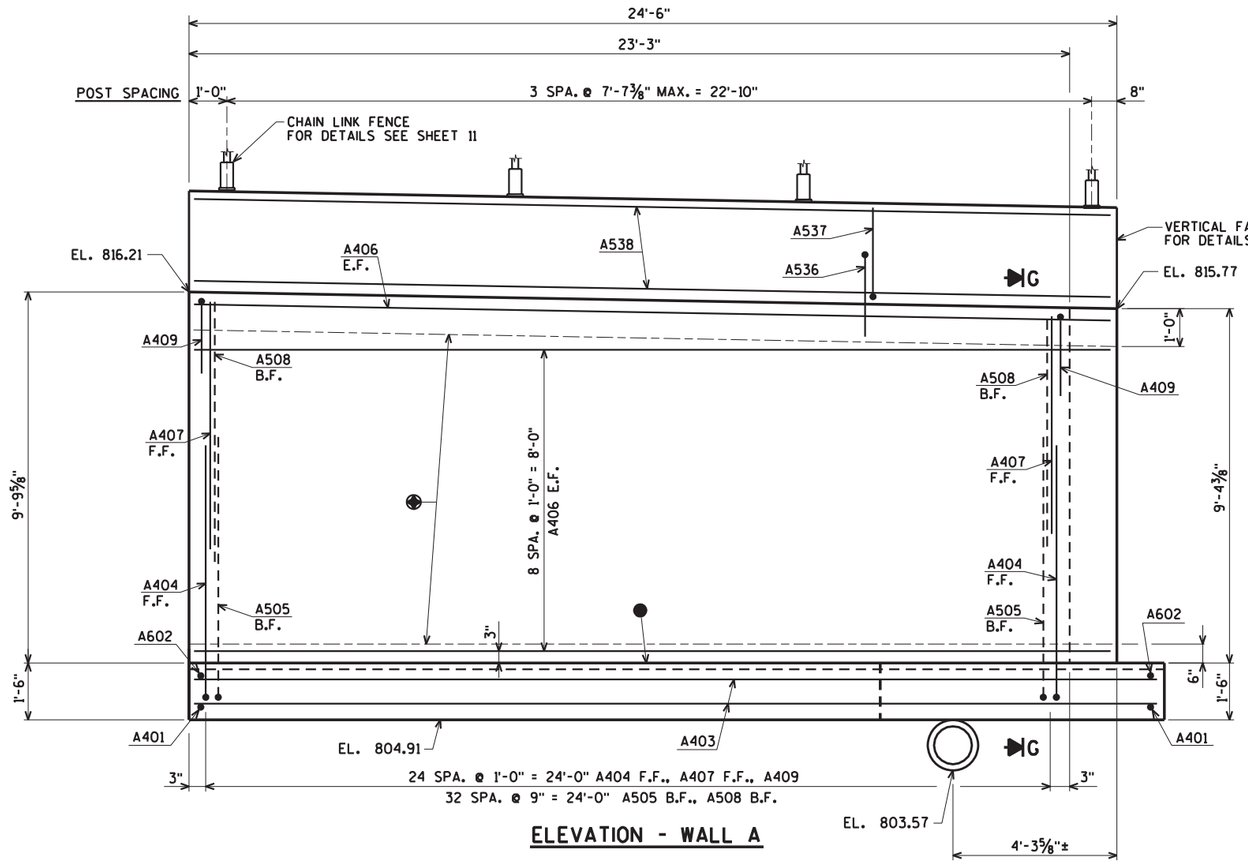
SHEET 616 3 OF 12

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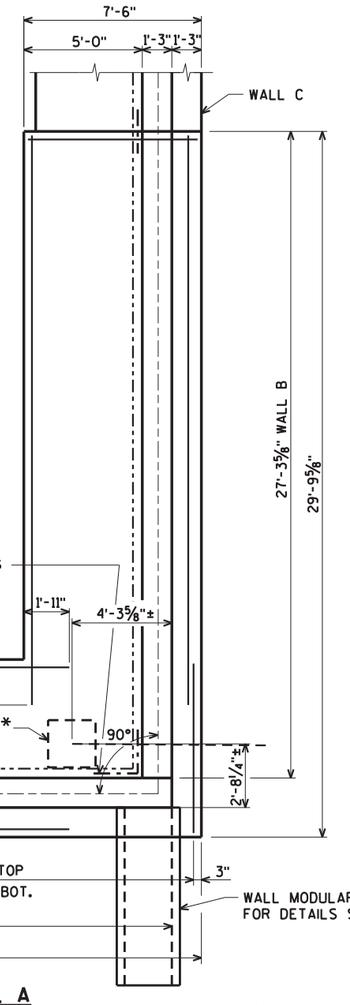
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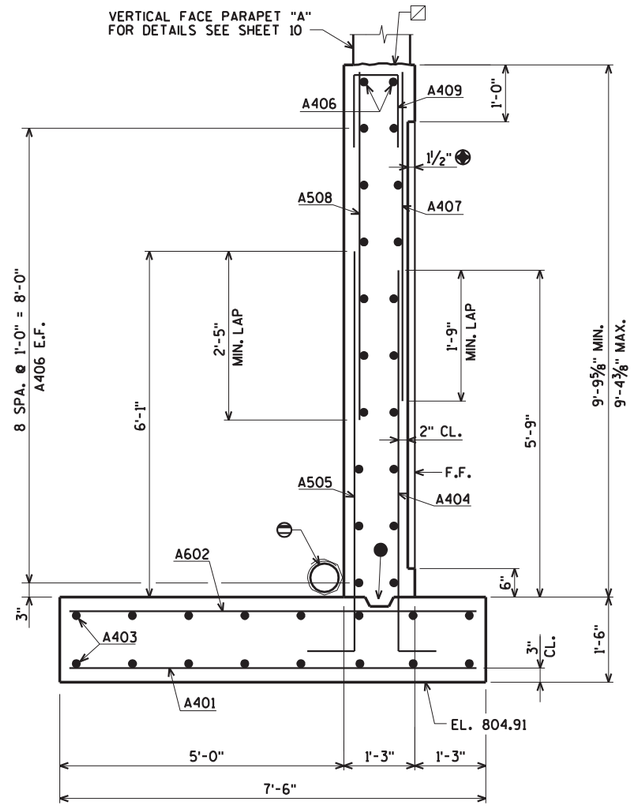
1310-04-70



ELEVATION - WALL A



FOOTING PLAN - WALL A



SECTION G

- ▨ CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.
- ◆ VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.
- ⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 3.
- ● CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".

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STRUCTURE R-30-71

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WALL A DETAILS

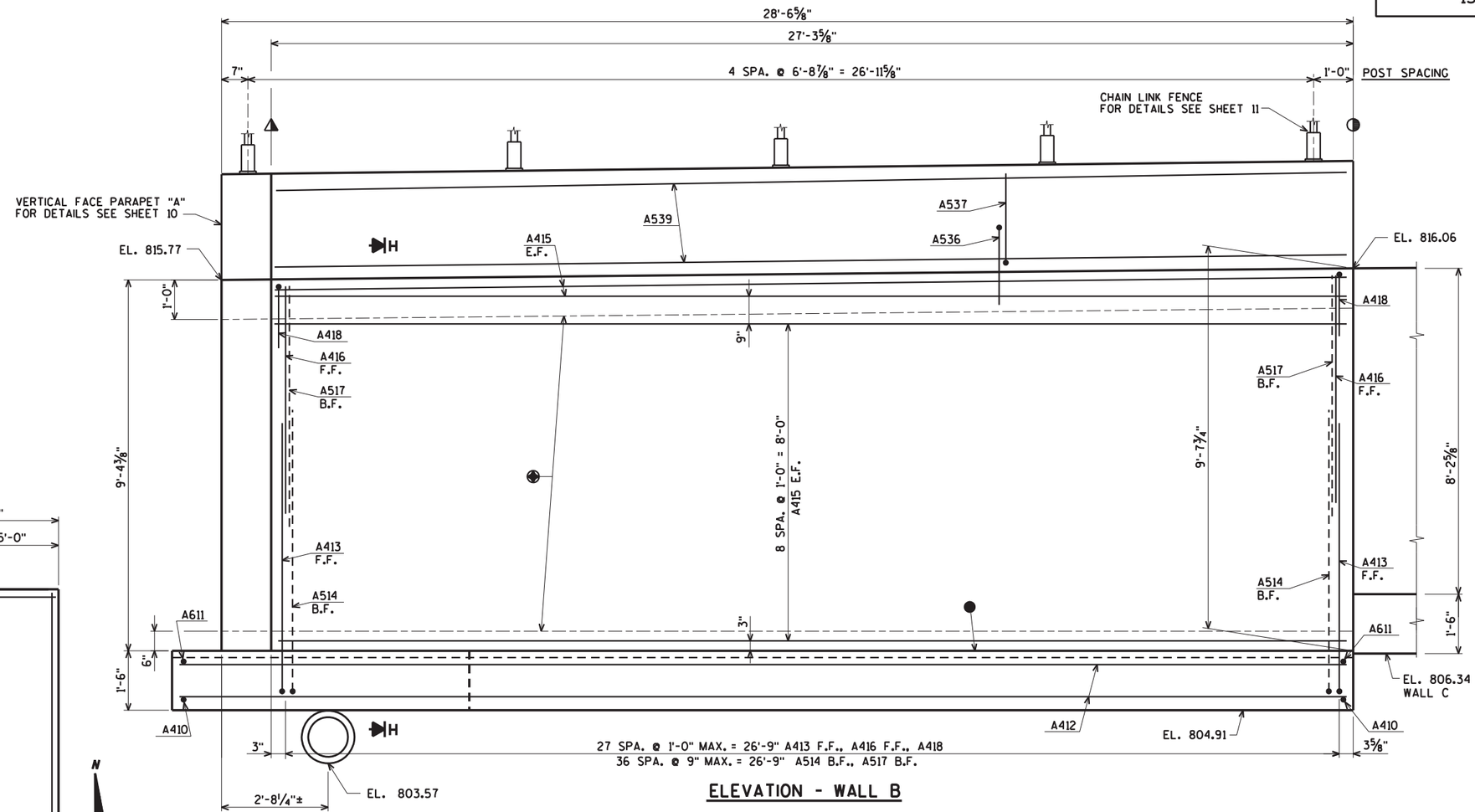
SHEET 4 OF 12
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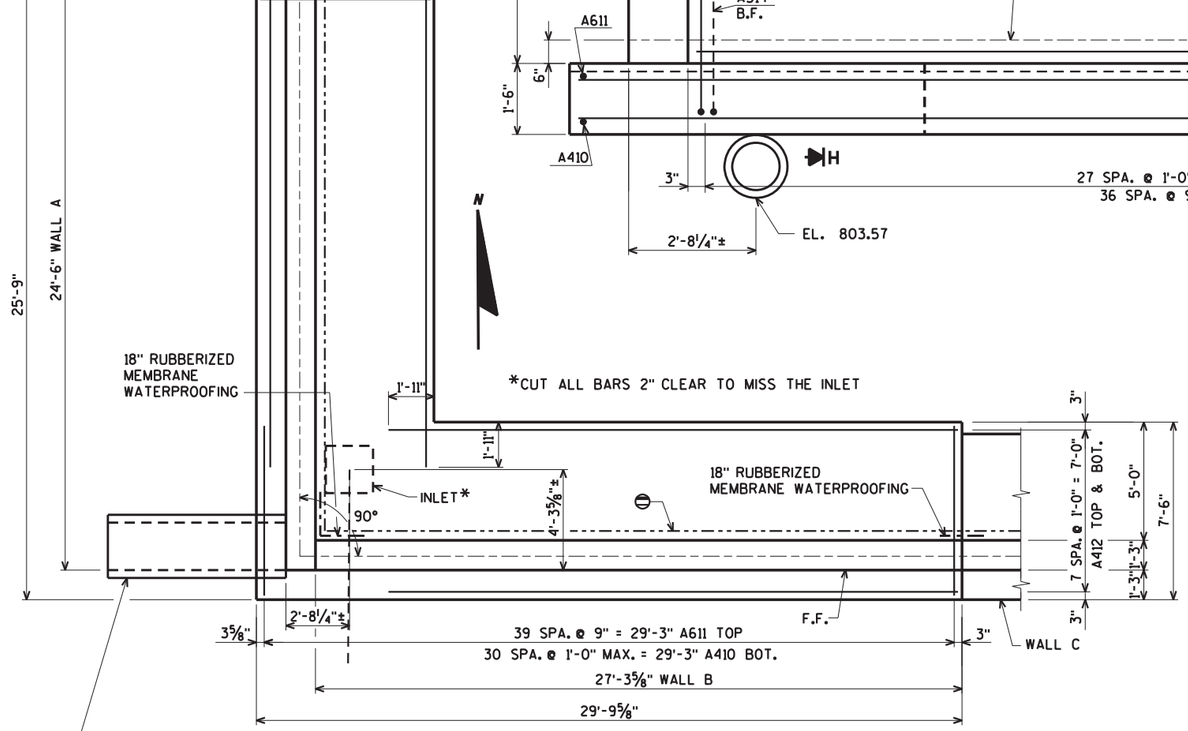
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STATE PROJECT NUMBER

1310-04-70



ELEVATION - WALL B



FOOTING PLAN - WALL B

FOR DETAIL OF SECTION H SEE SHEET 8.

◈ VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.

⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 3.

● CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".

◑ DENOTES VERTICAL CONTRACTION JOINT. SEE DETAIL ON SHEET 9.

◭ DENOTES VERTICAL EXPANSION JOINT. SEE DETAIL ON SHEET 9.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-71

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WALL B DETAILS

SHEET 5 OF 12
618

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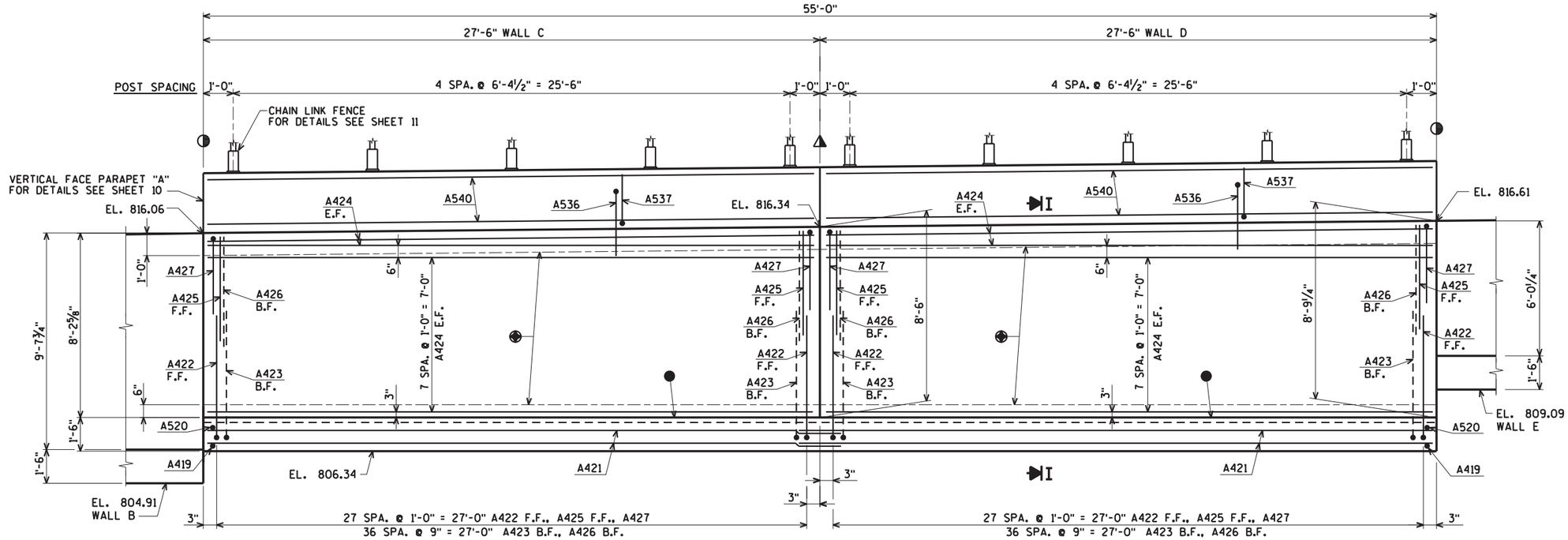
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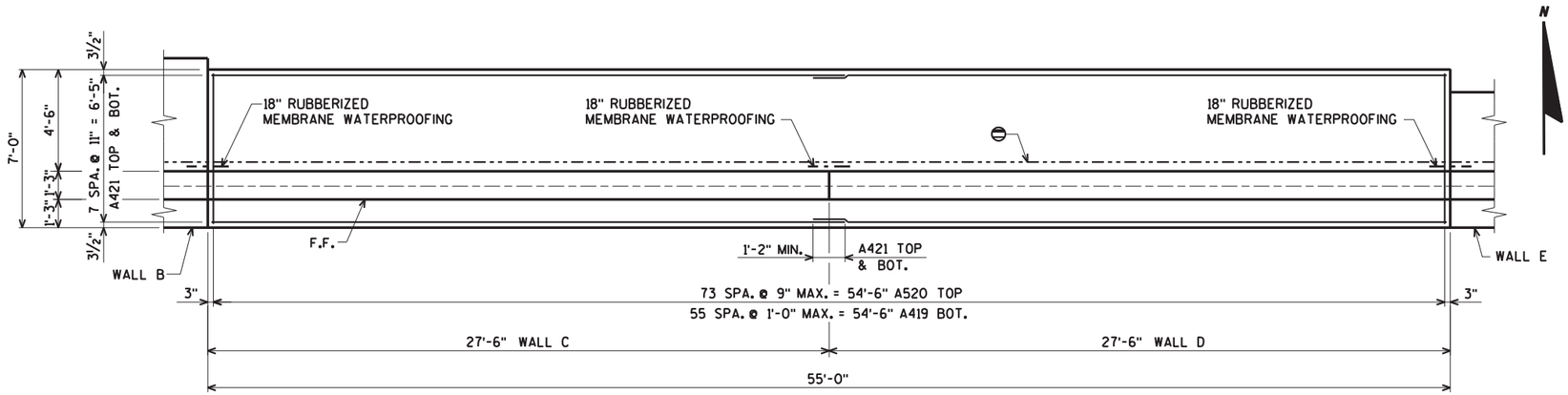
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STATE PROJECT NUMBER
1310-04-70



ELEVATION - WALLS C & D



FOOTING PLAN - WALLS C & D

FOR DETAIL OF SECTION I SEE SHEET 8.

- VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.
- PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 3.
- CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".
- DENOTES VERTICAL CONTRACTION JOINT. SEE DETAIL ON SHEET 9.
- DENOTES VERTICAL EXPANSION JOINT. SEE DETAIL ON SHEET 9.

NO.	DATE	REVISION	BY

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STRUCTURE R-30-71

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WALLS C & D DETAILS

SHEET 6 OF 12
619

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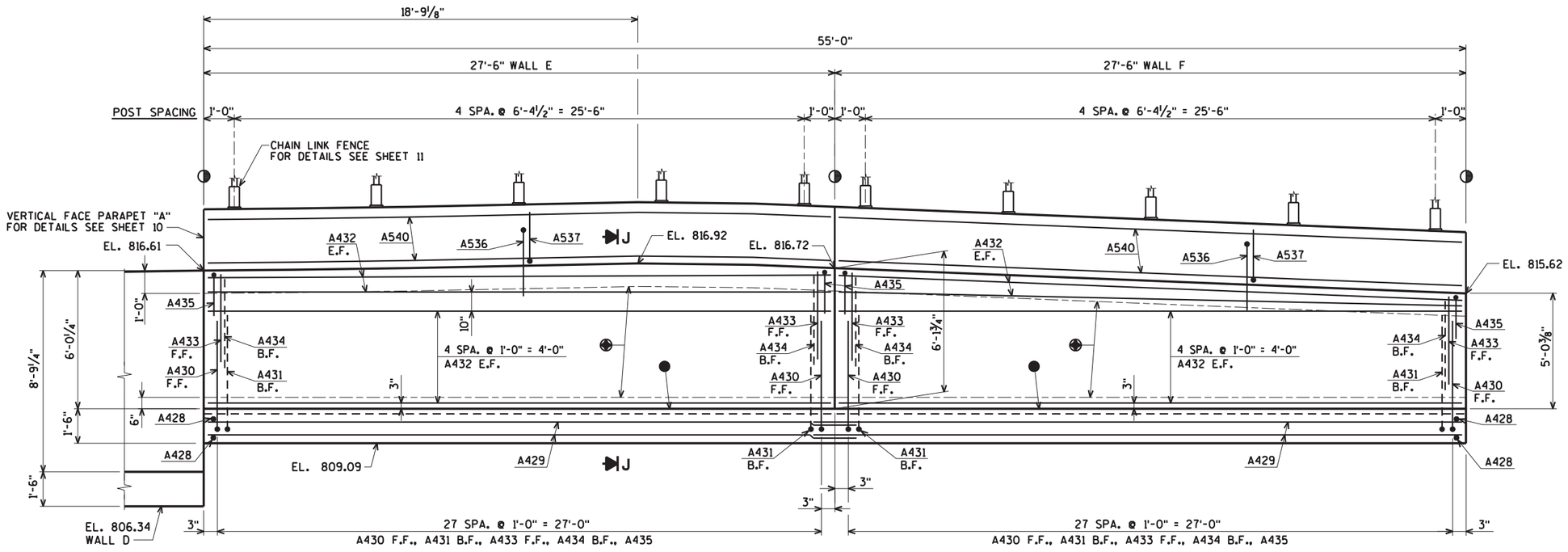
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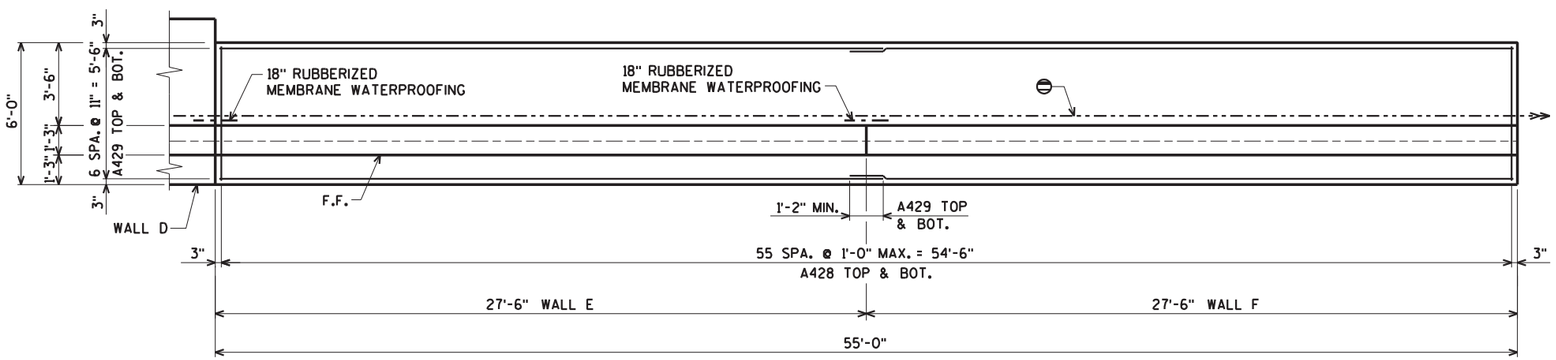
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STATE PROJECT NUMBER

1310-04-70



ELEVATION - WALLS E & F



FOOTING PLAN - WALLS E & F

N

FOR DETAIL OF SECTION J SEE SHEET 8.

◈ VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.

⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 3.

● CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".

◑ DENOTES VERTICAL CONTRACTION JOINT. SEE DETAIL ON SHEET 9.

8

8

NO.	DATE	REVISION	BY

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STRUCTURE R-30-71

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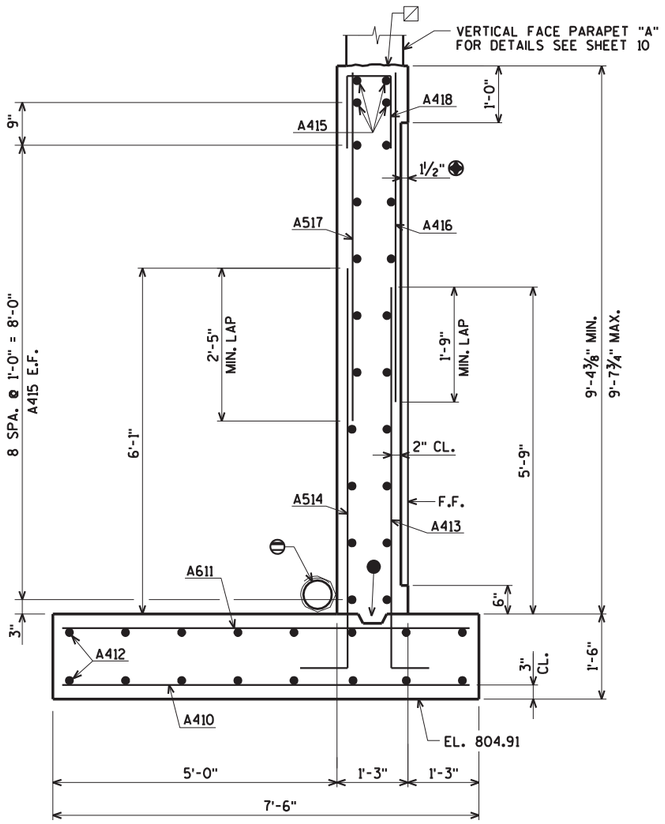
WALLS E & F DETAILS

SHEET 7 OF 12
620

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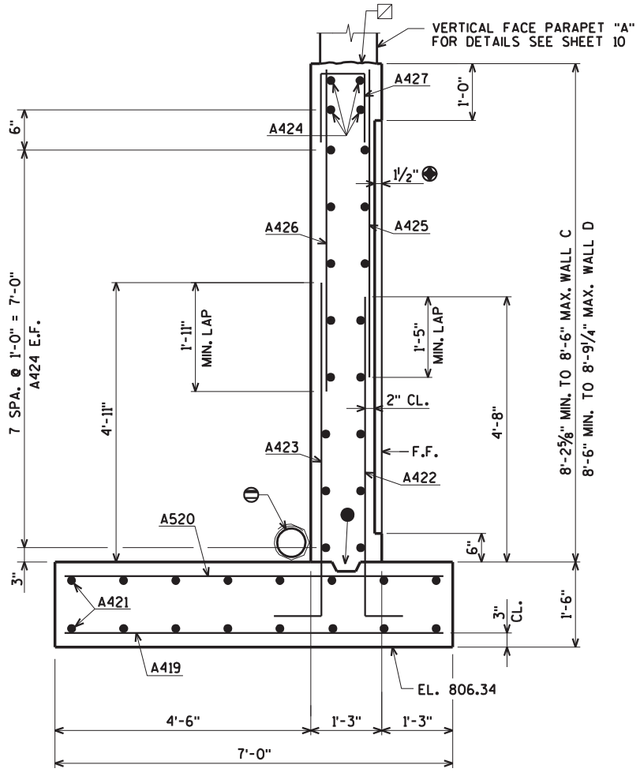
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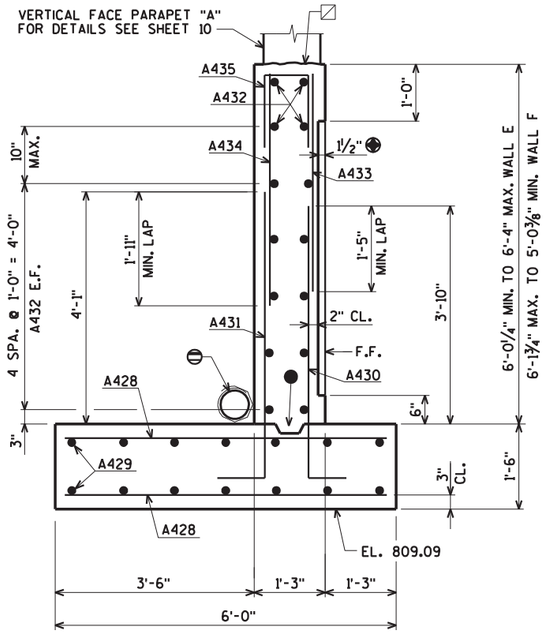
SECTION H

FOR LOCATION OF SECTION H SEE SHEET 5



SECTION I

FOR LOCATION OF SECTION I SEE SHEET 6



SECTION J

FOR LOCATION OF SECTION J SEE SHEET 7

- ⊘ CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.
- ◈ VERTICAL RUSTICATION GROOVES. FOR DETAIL SEE SHEET 3.
- ⊖ PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN. SEE DETAIL ON SHEET 3.
- ● CONST. JOINT FORMED BY SURFACED BEVELED 2" x 6".

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STRUCTURE R-30-71

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WALL DETAILS

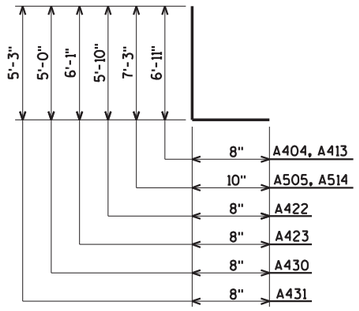
SHEET 8 OF 12
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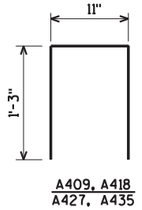
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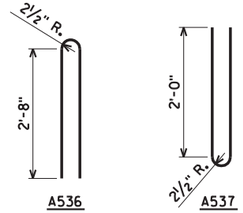
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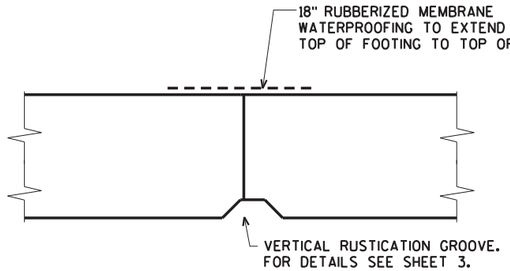


A409, A418
A427, A435



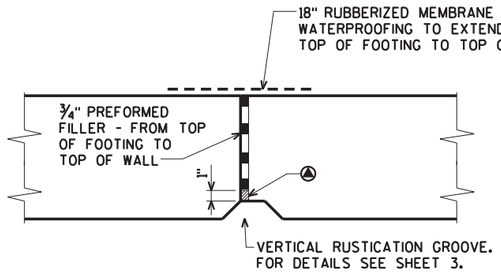
A536

A537



VERTICAL CONTRACTION JOINT DETAIL

DO NOT RUN ANY BAR STEEL THRU JOINT



VERTICAL EXPANSION JOINT DETAIL

DO NOT RUN ANY BAR STEEL THRU JOINT

(A) FILL WITH NON-STAINING GRAY SINGLE COMPONENT NON-BITUMINOUS JOINT SEALER. FROM 1'-0" BELOW GROUND LINE TO TOP OF WALL.

BILL OF BARS

BAR NO.	COATED BAR	NO. REQ'D.	LENGTH	BENT BAR	BUNDLED BAR SERIES	9,240# COATED 3,860# UNCOATED LOCATION
A401		27	7-2			WALL FOOTING BOT. WALL A
A602		35	7-2			WALL FOOTING TOP WALL A
A403		16	20-0			WALL FOOTING TOP & BOT. WALL A
A404	X	25	7-6	X		WALL DOWELS F.F. WALL A
A505	X	33	8-0	X		WALL DOWELS B.F. WALL A
A406	X	20	24-2			WALL HORIZ. E.F. WALL A
A407	X	25	5-9			WALL VERT. F.F. WALL A
A508	X	33	6-1			WALL VERT. B.F. WALL A
A409	X	25	3-3	X		WALL VERT. TOP WALL A
A410		31	7-2			WALL FOOTING BOT. WALL B
A611		40	7-2			WALL FOOTING TOP WALL B
A412		16	24-1			WALL FOOTING TOP & BOT. WALL B
A413	X	28	7-6	X		WALL DOWELS F.F. WALL B
A514	X	37	8-0	X		WALL DOWELS B.F. WALL B
A415	X	22	26-11			WALL HORIZ. E.F. WALL B
A416	X	28	5-7			WALL VERT. F.F. WALL B
A517	X	37	5-11			WALL VERT. B.F. WALL B
A418	X	28	3-3	X		WALL VERT. TOP WALL B
A419		56	6-8			WALL FOOTING BOT. WALL C & D
A520		74	6-8			WALL FOOTING TOP WALL C & D
A421		32	27-11			WALL FOOTING TOP & BOT. WALL C & D
A422	X	56	6-5	X		WALL DOWELS F.F. WALL C & D
A423	X	74	6-8	X		WALL DOWELS B.F. WALL C & D
A424	X	40	27-2			WALL HORIZ. E.F. WALL C & D
A425	X	56	5-5			WALL VERT. F.F. WALL C & D
A426	X	74	5-8			WALL VERT. B.F. WALL C & D
A427	X	56	3-3	X		WALL VERT. TOP WALL C & D
A428		112	5-8			WALL FOOTING TOP & BOT. WALL E & F
A429		28	27-11			WALL FOOTING TOP & BOT. WALL E & F
A430	X	56	5-7	X		WALL DOWELS F.F. WALL E & F
A431	X	56	5-10	X		WALL DOWELS B.F. WALL E & F
A432	X	28	27-2			WALL HORIZ. E.F. WALL E & F
A433	X	56	3-8			WALL VERT. F.F. WALL E & F
A434	X	56	3-5			WALL VERT. B.F. WALL E & F
A435	X	56	3-3	X		WALL VERT. TOP WALL E & F
A536	X	200	6-1	X		WALL PARAPET VERT.
A537	X	200	4-9	X		WALL PARAPET VERT.
A538	X	8	24-2	X		WALL PARAPET HORIZ. WALL A
A539	X	8	26-11	X		WALL PARAPET HORIZ. WALL B
A540	X	32	27-2	X		WALL PARAPET HORIZ. WALL C, D, E & F

BENDING DIMENSIONS ARE OUT TO OUT OF BARS.

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STRUCTURE R-30-71

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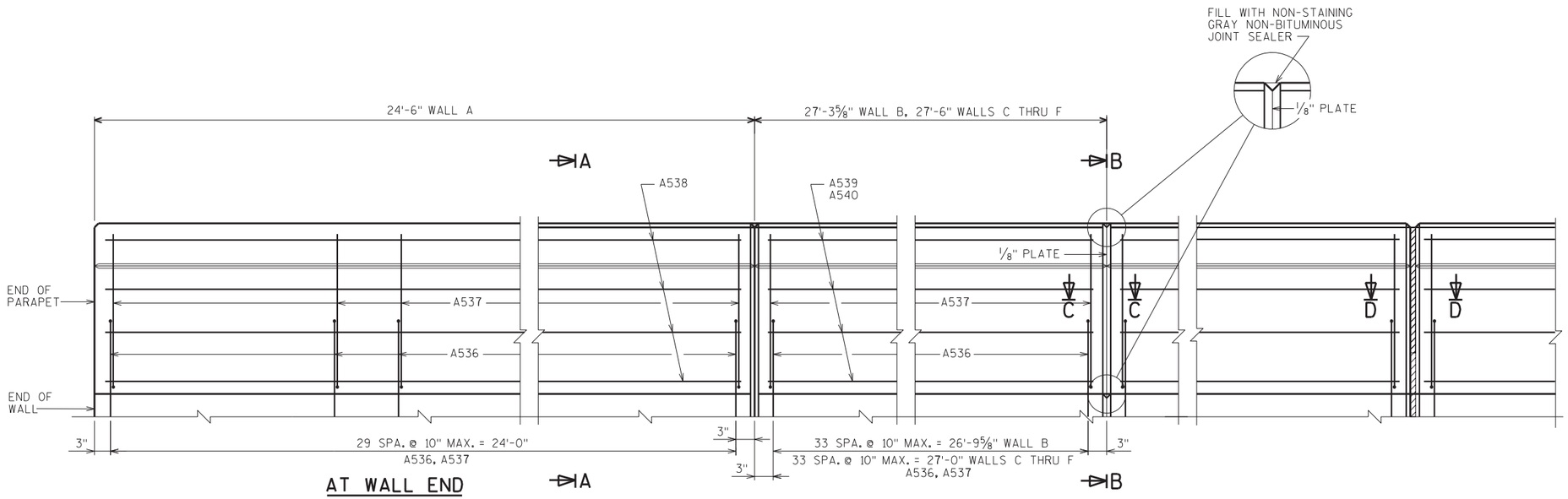
WALL DETAILS & BILL OF BARS

SHEET 9 OF 12
622

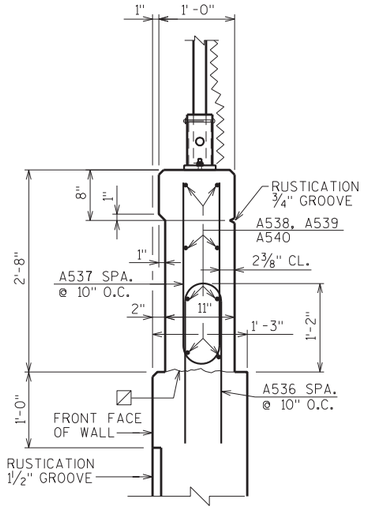
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7/27/2021
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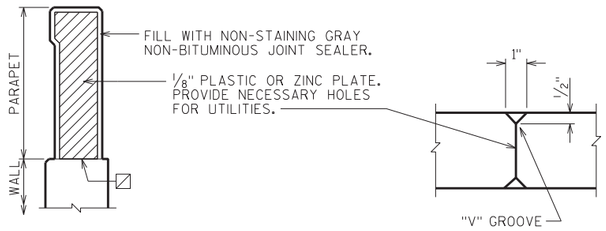
STATE PROJECT NUMBER
1310-04-70



ELEVATION OF PARAPET



SECTION A-A



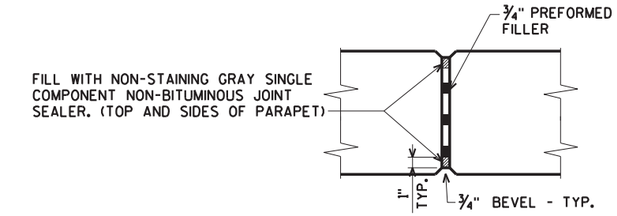
SECTION B-B

(SHOWING CONTRACTION JOINT IN PARAPET)

SECTION C-C

WHEN PARAPETS ARE POURED CONTINUOUSLY FROM END TO END, THEY SHALL BE SEPARATED AT THE DEFLECTION JOINTS BY A PIECE OF 1/8" ZINC OR PLASTIC PLATE CUT AS SHOWN IN SECTION B-B BY SHADED AREA. IF CONSTRUCTION JOINTS IN PARAPETS ARE USED AT THE DEFLECTION JOINTS, ONE SIDE OF JOINT SHALL BE COATED WITH AN APPROVED LIQUID BOND BREAKER AND PLATE SEPARATORS MAY BE OMITTED.

☒ CONST. JOINT - STRIKE OFF AS SHOWN AND LEAVE ROUGH.



SECTION D-D

(SHOWING EXPANSION JOINT IN PARAPET)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-71

DRAWN BY CLP | PLANS CK'D. JLB

VERTICAL FACE PARAPET "A"

SHEET 10 OF 12
623

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

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8

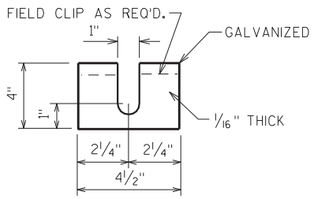
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STATE PROJECT NUMBER

1310-04-70

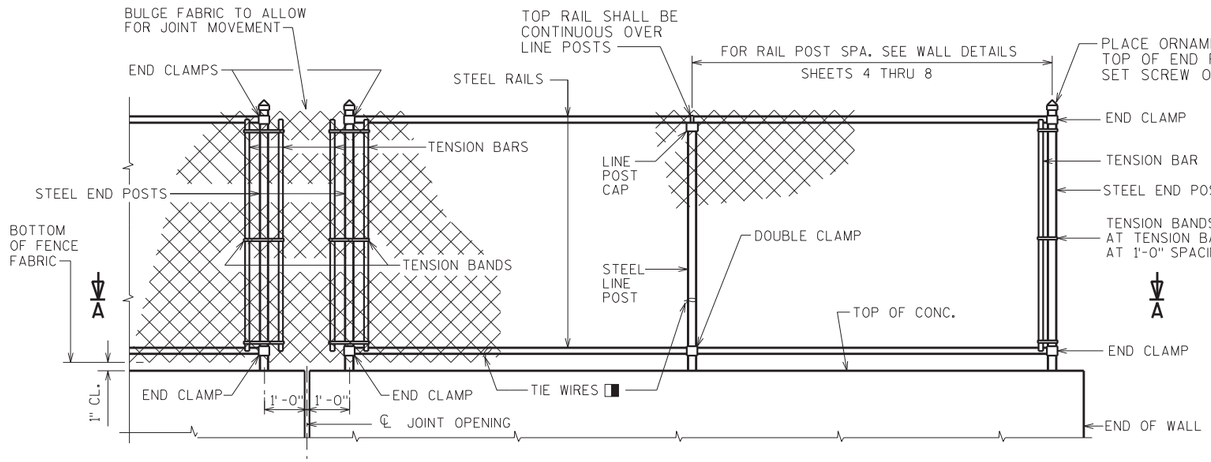
FENCE MEMBER SIZE & WEIGHT

STEEL FENCE MEMBER	OUTSIDE DIAMETER (INCHES)	WEIGHT (LB/FT)
RAILS	1.660	2.27
END POST	2.875	5.80
OVERHANG POST	2.875	5.80
LINE POST	2.375	3.65
POST SLEEVE	4.000	9.12



POST SHIM DETAILS

SHIMS REQUIRED ONLY WHEN END POSTS AND LINE POSTS ARE WELDED TO BASE PLATES. PROVIDE 4 SHIMS PER POST. USE WHERE REQUIRED FOR ALIGNMENT.



FENCE PART ELEVATION

VIEWING FABRIC SIDE

NOTES

POSTS ARE TO BE SET VERTICAL.

ALL FENCE COMPONENTS SHALL BE GALVANIZED STEEL, EXCEPT THE FENCE FABRIC WHICH MAY BE ALUMINUM-COATED STEEL OR GALVANIZED STEEL.

FABRIC SHALL CONFORM TO ASTM A491 OR A392, CLASS 2. STEEL RAILS, POSTS AND POST SLEEVES SHALL CONFORM TO ASTM F1083, STANDARD WEIGHT PIPE (SCHEDULE 40). FITTINGS SHALL CONFORM TO ASTM F626.

THE BID ITEM SHALL BE "FENCE CHAIN LINK 4- FT."

COMPLETE ANY REQUIRED WELDING OF COMPONENTS BEFORE GALVANIZING.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

BASE PLATES, ANCHOR PLATES AND SHIMS SHALL BE ASTM A709, GRADE 36.

ALL POST SPACINGS ARE MEASURED HORIZONTALLY ALONG THE C/L OF THE POST.

▪ CAULK AROUND PERIMETER OF BASE PLATE AND FILL PORTION OF SLOTTED HOLE AROUND ANCHOR BOLT IN SHIM WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

✳ ALTERNATE TO DOUBLE CLAMP: USE LINE RAIL CLAMP (BOULEVARD) OR 180° BRACE BAND, WHICH MAY BE USED WHEN THE POSTS ARE EITHER BOLTED TO THE POST SLEEVES OR DIRECTLY WELDED TO THE BASE PLATE.

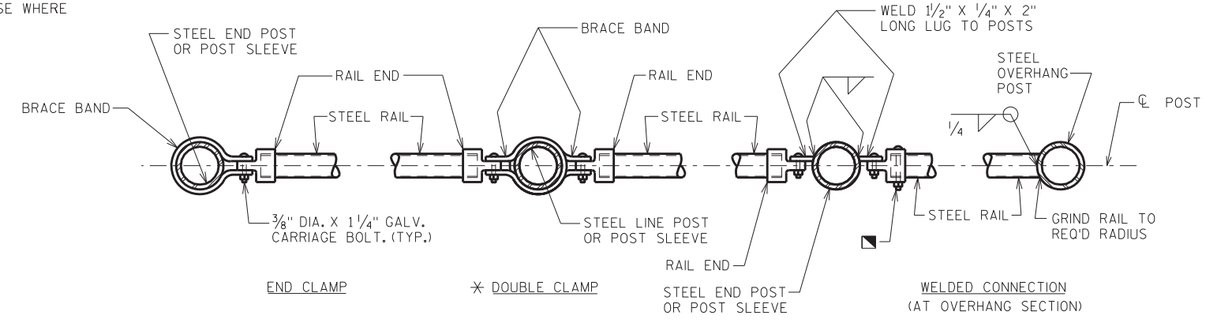
◭ ANCHOR BOLTS, NUTS AND WASHERS SHALL BE EITHER STAINLESS STEEL OR ASTM 307. IF 307 IS USED, ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED. ✩

✩ ALTERNATIVE ANCHORAGE: CONCRETE ADHESIVE ANCHORS 1/2-INCH. EMBED 7" IN CONCRETE. ADHESIVE ANCHORS SHALL CONFORM TO SECTIONS 502.2.12 AND 502.3.14 OF THE STANDARD SPECIFICATIONS.

◨ ATTACH FABRIC TO RAILS, AND TO POSTS WITHOUT TENSION BANDS, WITH TIE WIRES (ROUND, 9-GAGE) SPACED AT 1'-0".

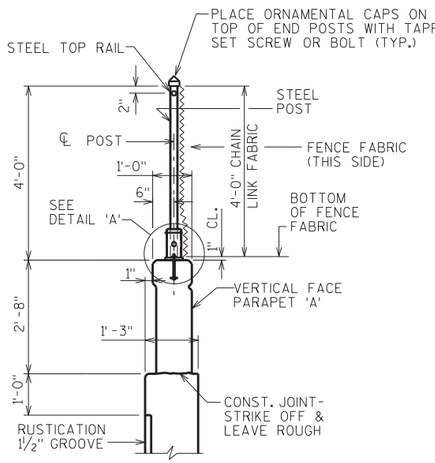
◹ BOLT RAIL TO RAIL END TO SECURE OVERHANG SECTION. ALTERNATE IS TO WELD RAIL DIRECTLY TO END POST.

MINIMUM LENGTH OF TOP RAIL BETWEEN SPLICES SHALL BE 20'-0". LOCATE SPLICES NEAR 1/4 POINT OF POST SPACING.

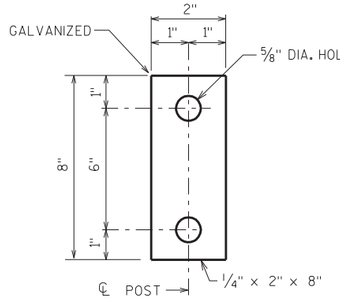


SECTION A-A

NOTE: PLACE ALL BOLT HEADS ON SIDE OF FENCE ADJACENT TO PEDESTRIANS

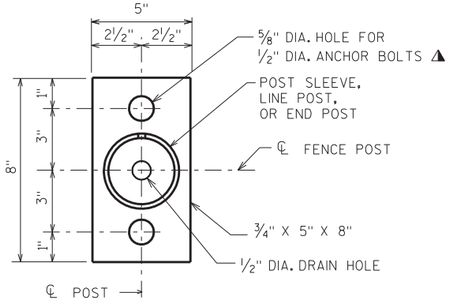


SECTION THRU FENCE

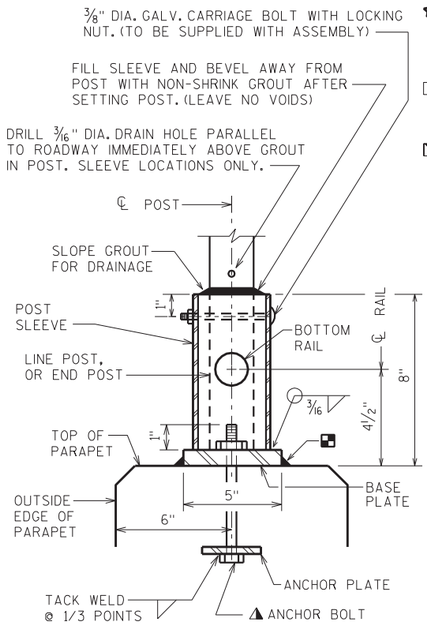


ANCHOR PLATE

✩NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.



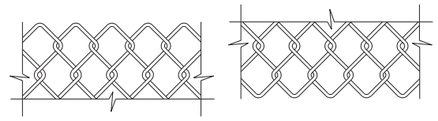
BASE PLATE



DETAIL 'A'

UNIT SHALL BE GALVANIZED AFTER FABRICATION

NOTE: IN LIEU OF USING THE POST SLEEVE, THE FENCE POST MAY BE WELDED TO THE BASE PLATE.



FENCE FABRIC

FENCE FABRIC WOVEN OF 9-GAGE WIRE IN 2" DIAMOND PATTERN MESH WITH BOTH THE TOP AND BOTTOM SELVAGES KNUCKLED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-71

DRAWN BY CLP | PLANS CK'D. JLB

CHAIN LINK FENCE DETAILS

SHEET 11 OF 12
624

ORIGINAL PLANS PREPARED BY

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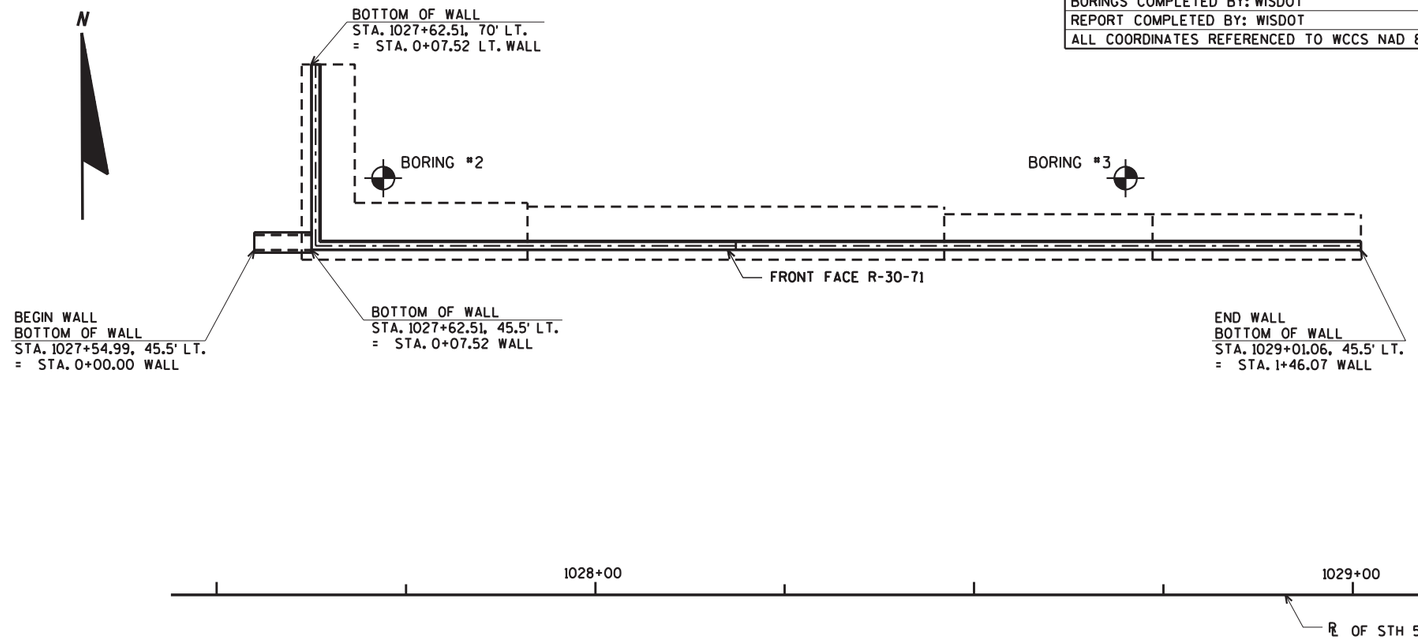
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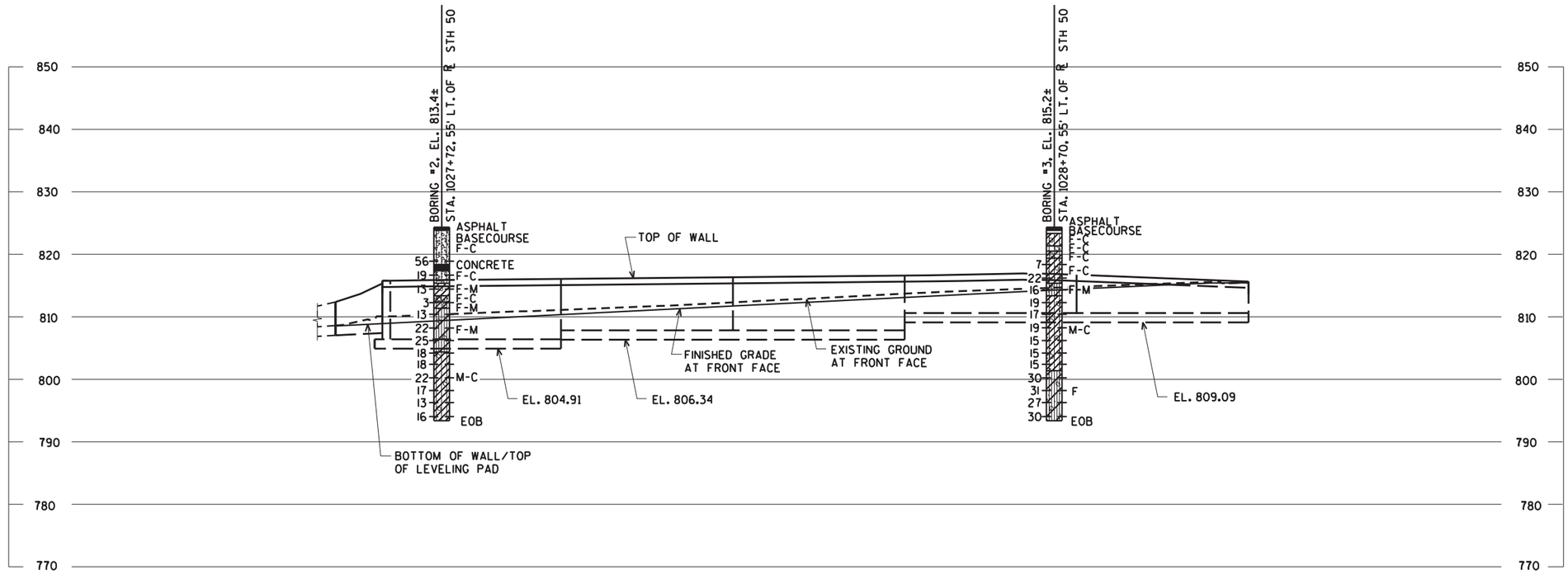
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7/26/2021
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I:±42±76-0103.00 - Kenosha Co. STH 50 Retaining Wall±Structure±FINAL±R-30-71±R-30-71 chainlnk.dgn

BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
2	OCTOBER 3, 2019	128260.55	552391.79
3	OCTOBER 2, 2019	128261.00	552489.79
BORINGS COMPLETED BY: WISDOT			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) KENOSHA COUNTY			





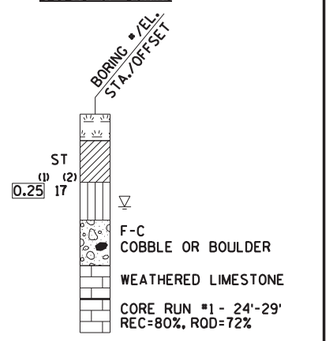
STATE PROJECT NUMBER

1310-04-70

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- AT TIME OF DRILLING
- END OF DRILLING
- AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-71

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SUBSURFACE EXPLORATION

SHEET 12 OF 12
625

8

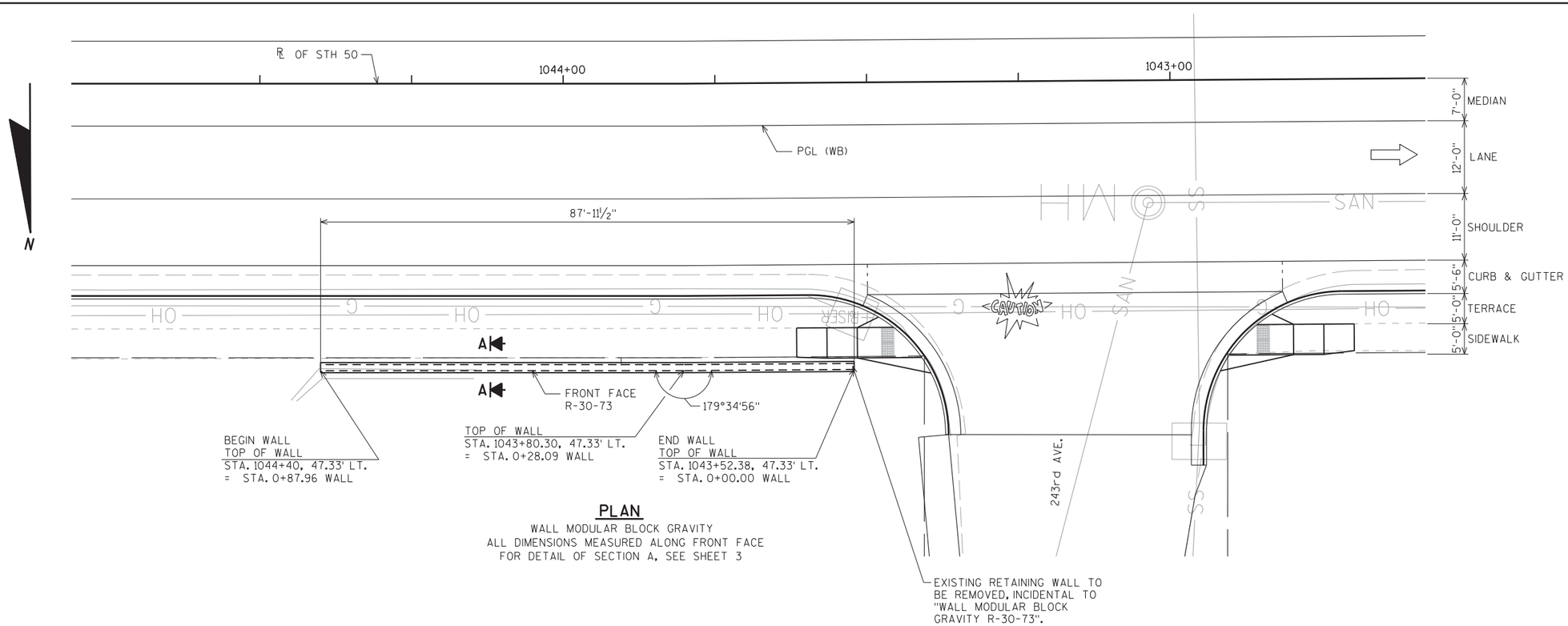
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7/26/2021
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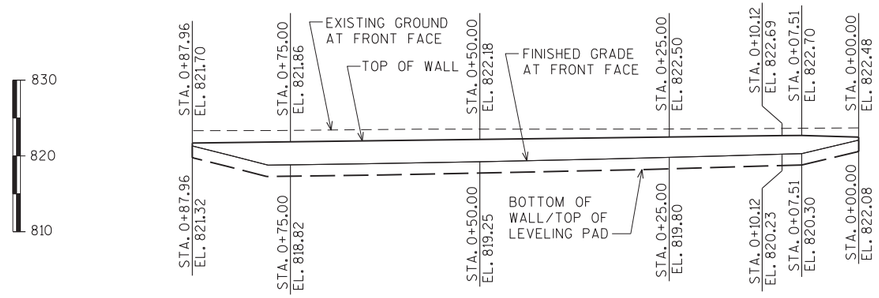
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DATE:
DRAWN BY:
DATE:
CHECKED BY:
DATE:
BACK CHECKED BY:
DATE:
CORRECTED BY:

STATE PROJECT NUMBER
1310-04-70



PLAN

WALL MODULAR BLOCK GRAVITY
ALL DIMENSIONS MEASURED ALONG FRONT FACE
FOR DETAIL OF SECTION A, SEE SHEET 3



ELEVATION

(LOOKING AT FRONT FACE OF WALL)

LIST OF DRAWINGS

1. RETAINING WALL LAYOUT
2. RETAINING WALL DETAILS
3. RETAINING WALL DETAILS
4. CHAIN LINK FENCE DETAILS
5. SUBSURFACE EXPLORATION

FOR GENERAL NOTES AND DESIGN DATA SEE SHEET 2

GEOMETRY TABLE

WALL STATION	ROADWAY STATION	OFFSET TO F.F. WALL	TOP OF WALL EL.	FINISHED GRADE EL.
0+00.00	1043+52.38	47.33'	822.48	822.08
0+07.51	1043+59.89	47.33'	822.70	820.30
0+10.12	1043+62.50	47.33'	822.69	820.23
0+25.00	1043+77.04	47.33'	822.50	819.80
0+50.00	1044+02.04	47.33'	822.18	819.25
0+75.00	1044+27.04	47.33'	821.86	818.82
0+87.96	1044+40.00	47.33'	821.70	821.32

TOTAL ESTIMATED QUANTITIES

ITEM NUMBER	BID ITEMS	UNIT
612.0406	PIPE UNDERDRAIN WRAPPED 6-INCH	110 LF
616.0204	FENCE CHAIN LINK 4-FT.	87 LF
SPV.0165.04	WALL MODULAR BLOCK GRAVITY R-30-73	355 SF

BRIDGE OFFICE CONTACT:
AARON BONK
(608)-261-0261

CONSULTANT CONTACT:
ARLEN BEAUDETTE
(715)-834-3161

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE R-30-73

RETAINING WALL ALONG STH 50

COUNTY	~~TOWN/CITY/~~ VILLAGE
KENOSHA	PADDOCK LAKE

DESIGN SPEC.
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS

DESIGNED BY	KLW	DESIGN CK'D.	JLB	DRAWN BY	CLP	PLANS CK'D.	AEB

RETAINING WALL LAYOUT

SHEET 1 OF 5
626

I.D. DATE:

8

STATE PROJECT NUMBER
1310-04-70

GENERAL NOTES

THE PLAN QUANTITY FOR THE BID ITEM "WALL MODULAR BLOCK GRAVITY" IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF WALL TO A CONSTANT DEPTH OF 1'-6" BELOW FINISHED GRADE.

DRAWINGS SHALL NOT BE SCALED.

THE QUANTITY OF CONCRETE MASONRY, COATED REINFORCING STEEL, AND RUBBERIZED MEMBRANE WATERPROOFING FOR CAST-IN-PLACE COPING IS INCIDENTAL TO BID ITEM "WALL MODULAR BLOCK GRAVITY".

THE EXISTING RETAINING WALL IS A MASONRY BLOCK RETAINING WALL APPROXIMATELY 3-FEET TALL AND 88-FEET LONG. REMOVAL OF THE WALL IS INCIDENTAL TO "WALL MODULAR BLOCK GRAVITY R-30-73".

DESIGN DATA

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN PLANS, DETAILS, SPECIFICATIONS AND SHOP DRAWINGS FOR THE RETAINING WALLS IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL MODULAR BLOCK GRAVITY".

PLANS, ELEVATIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS AND DETAILS COMMON TO ANY WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

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

THE RETAINIING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON SHEET 1.

DESIGN FOR RETAINING WALL TO PROVIDE FOR FINISHED GRADE SLOPED BEHIND WALL AND RAILING AS SHOWN.

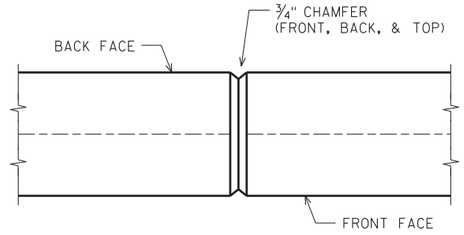
DESIGN RETAINING WALL FOR A LIVE LOAD SURCHARGE OF 100 psf.

ULTIMATE DESIGN STRESSES:

CONCRETE MASONRY (COPING, ANCHOR SLAB, PARAPET) f'_c = 3,500 p.s.i.
HIGH STRENGTH BAR STEEL REINFORCEMENT (GRADE 60) f_y = 60,000 p.s.i.

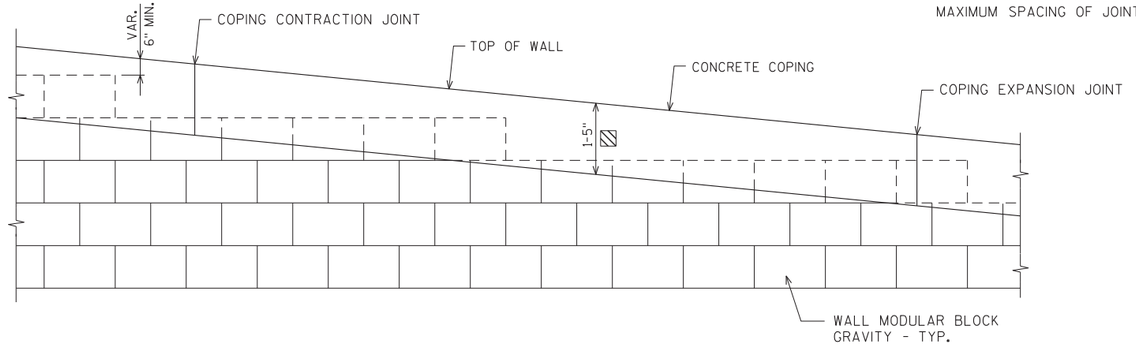
NOTE

☆ COMPOUND STABILITY IS THE CONTRACTORS RESPONSIBILITY.



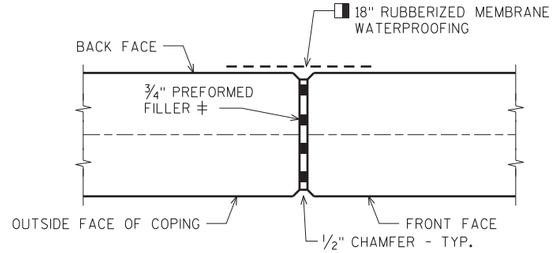
COPING CONTRACTION JOINT

DO NOT RUN BAR STEEL THRU JOINT
MAXIMUM SPACING OF JOINT = 12'



RETAINING WALL FACE & CONCRETE COPING DETAIL

▨ THIS DIMENSION MAY CHANGE DEPENDING ON HEIGHT OF BLOCKS. THIS DIMENSION TO BE CONSTANT FOR ENTIRE LENGTH OF WALL. MAXIMUM ALLOWABLE HEIGHT OF BLOCKS TO BE 9 INCHES.



COPING EXPANSION JOINT

DO NOT RUN BAR STEEL THRU JOINT
MAXIMUM SPACING OF JOINT = 50'

◨ MEMBRANE WATERPROOFING TO EXTEND FROM TOP OF COPING TO 6" BELOW TOP OF PANELS.

ǂ SEAL ALL EXPOSED HORIZ. & VERT. SURFACES OF FILLER WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER. (1" DEEP AND HOLD ⅛" BELOW SURFACE OF CONC.)

PLACE EXPANSION JOINTS AT EVERY THIRD JOINT AND AT ALL WALL RADIUS PC/PT POINTS AND BEND POINTS.

SOIL PARAMETERS

STRATUM LOCATIONS AND SOIL DESCRIPTIONS	TOTAL UNIT WEIGHT (PCF)	FRICTION ANGLE (DEGREES)	COHESION (PCF)
GRANULAR BACKFILL (REINFORCING ZONE OR BACKFILL)	130	30	0
RETAINED SOIL ⊛	130	30	0

⊛ DESIGN WALL FOR THESE VALUES

WALL EXTERNAL & OVERALL STABILITY EVALUATION

DIMENSIONS	EVALUATED LOCATIONS
WALL HEIGHT (FEET)	4.54
EXPOSED WALL HEIGHT (FEET)	3.04
WALL STATION 0+00.00 - 0+87.96	
BORING USED	#11
CAPACITY TO DEMAND RATIO (CDR)	
SLIDING (CDR>1.0)	
ECCENTRICITY (CDR>1.0)	
OVERALL STABILITY (CDR>1.0) ☆	
BEARING RESISTANCE (CDR>1.0)	
FACTORED BEARING RESISTANCE (psf)	1,500

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-73

DRAWN BY CLP | PLANS CK'D. JLB

RETAINING WALL DETAILS

SHEET 2 OF 5
627

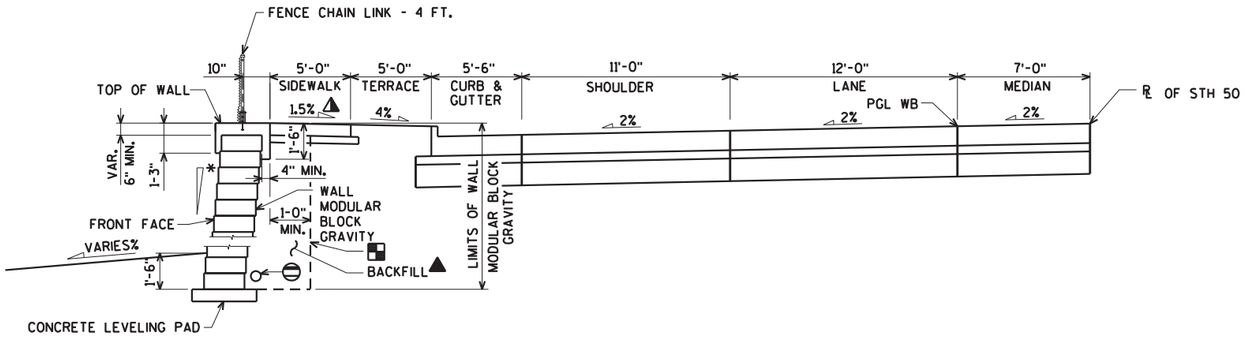
ORIGINAL PLANS PREPARED BY
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SECTION A-A

STA. 0+00.00 TO 0+87.96

* SET BLOCK VARIES BY MANUFACTURER, MAX. FRONT FACE FROM VERTICAL BLOCK IS 1 HORIZ. TO 12 VERT.

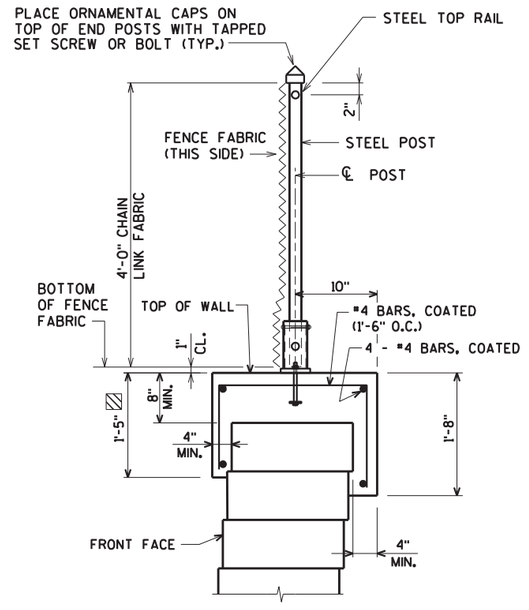
BACKFILL LIMITS. BACKFILL BEYOND BACKFILL LIMITS SHALL BE INCIDENTAL TO WALL MODULAR BLOCK GRAVITY. LIMITS OF EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR.

▲ INCIDENTAL TO BID ITEM "WALL MODULAR BLOCK GRAVITY".

PIPE UNDERDRAIN WRAPPED 6-INCH. SLOPE 0.5% MIN. TO SUITABLE DRAINAGE. ATTACH RODENT SHIELD AT ENDS OF PIPE UNDERDRAIN AS DETAILED ON THIS SHEET.

⚠ ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

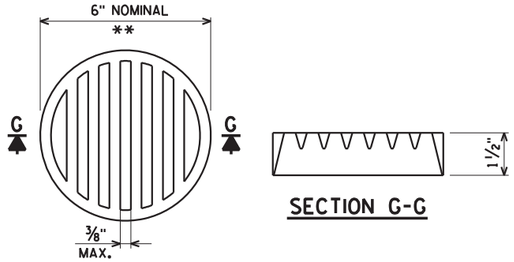
FOR LOCATION OF SECTION A, SEE SHEET 1



COPING DETAIL

▨ THIS DIMENSION MAY CHANGE DEPENDING ON HEIGHT OF BLOCKS. THIS DIMENSION TO BE CONSTANT FOR ENTIRE LENGTH OF WALL. MAXIMUM ALLOWABLE HEIGHT OF BLOCKS TO BE 9 INCHES.

MAINTAIN 2" MINIMUM COVER ON ALL REBAR.



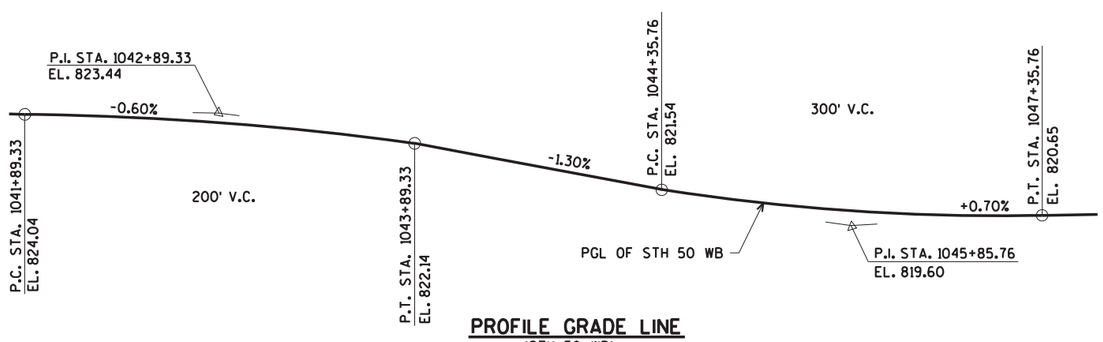
SECTION G-G

** DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SO SLOTS ARE VERTICAL.

THE RODENT SHIELD, PIPE COUPLING AND SCREWS SHALL BE CONSIDERED INCIDENTAL TO THE BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH".

THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALLY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 x 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

RODENT SHIELD DETAIL



PROFILE GRADE LINE
(STH 50 WB)

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-73

DRAWN BY CLP | PLANS CK'D. JLB

RETAINING WALL DETAILS

SHEET 3 OF 5
628

ORIGINAL PLANS PREPARED BY
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

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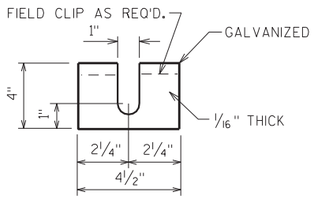
7/27/2021
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STATE PROJECT NUMBER

1310-04-70

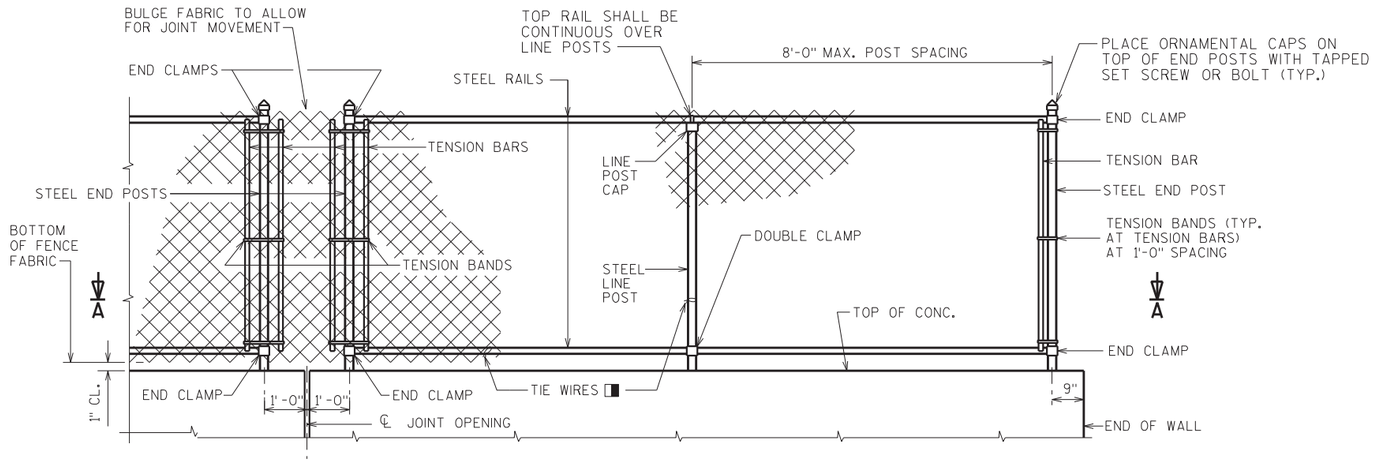
FENCE MEMBER SIZE & WEIGHT

STEEL FENCE MEMBER	OUTSIDE DIAMETER (INCHES)	WEIGHT (LB/FT)
RAILS	1.660	2.27
END POST	2.875	5.80
OVERHANG POST	2.875	5.80
LINE POST	2.375	3.65
POST SLEEVE	4.000	9.12



POST SHIM DETAILS

SHIMS REQUIRED ONLY WHEN END POSTS AND LINE POSTS ARE WELDED TO BASE PLATES. PROVIDE 4 SHIMS PER POST. USE WHERE REQUIRED FOR ALIGNMENT.



FENCE PART ELEVATION

VIEWING FABRIC SIDE

NOTES

POSTS ARE TO BE SET VERTICAL.

ALL FENCE COMPONENTS SHALL BE GALVANIZED STEEL, EXCEPT THE FENCE FABRIC WHICH MAY BE ALUMINUM-COATED STEEL OR GALVANIZED STEEL.

FABRIC SHALL CONFORM TO ASTM A491 OR A392, CLASS 2. STEEL RAILS, POSTS AND POST SLEEVES SHALL CONFORM TO ASTM F1083, STANDARD WEIGHT PIPE (SCHEDULE 40). FITTINGS SHALL CONFORM TO ASTM F626.

THE BID ITEM SHALL BE "FENCE CHAIN LINK 4- FT."

COMPLETE ANY REQUIRED WELDING OF COMPONENTS BEFORE GALVANIZING.

POST BASE PLATES SHALL BE FLAT WITH ALL SURFACES SMOOTH AND FREE FROM WARP AND ALL EDGES SMOOTH, STRAIGHT AND VERTICAL. ALL PLATE CUTS SHALL BE MACHINE OR MACHINE FLAME CUT.

BASE PLATES, ANCHOR PLATES AND SHIMS SHALL BE ASTM A709, GRADE 36.

ALL POST SPACINGS ARE MEASURED HORIZONTALLY ALONG THE C/L OF THE POST.

◪ CAULK AROUND PERIMETER OF BASE PLATE AND FILL PORTION OF SLOTTED HOLE AROUND ANCHOR BOLT IN SHIM WITH NON-STAINING GRAY NON-BITUMINOUS JOINT SEALER.

✳ ALTERNATE TO DOUBLE CLAMP: USE LINE RAIL CLAMP (BOULEVARD) OR 180° BRACE BAND, WHICH MAY BE USED WHEN THE POSTS ARE EITHER BOLTED TO THE POST SLEEVES OR DIRECTLY WELDED TO THE BASE PLATE.

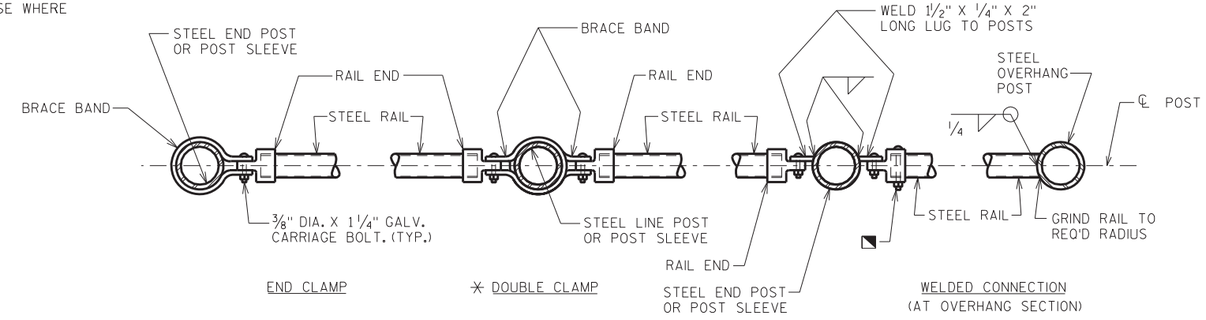
⚠ ANCHOR BOLTS, NUTS AND WASHERS SHALL BE EITHER STAINLESS STEEL OR ASTM 307. IF 307 IS USED, ANCHOR BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED. ✩

✩ ALTERNATIVE ANCHORAGE: CONCRETE ADHESIVE ANCHORS 1/2-INCH. EMBED 7" IN CONCRETE. ADHESIVE ANCHORS SHALL CONFORM TO SECTIONS 502.2.12 AND 502.3.14 OF THE STANDARD SPECIFICATIONS.

◨ ATTACH FABRIC TO RAILS, AND TO POSTS WITHOUT TENSION BANDS, WITH TIE WIRES (ROUND, 9-GAGE) SPACED AT 1'-0".

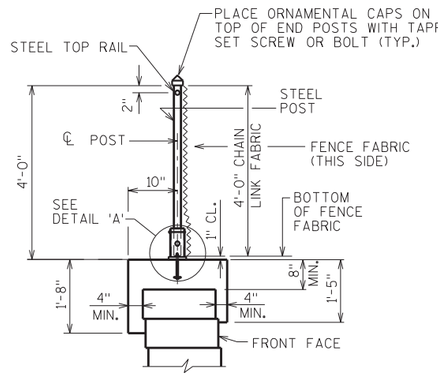
◥ BOLT RAIL TO RAIL END TO SECURE OVERHANG SECTION. ALTERNATE IS TO WELD RAIL DIRECTLY TO END POST.

MINIMUM LENGTH OF TOP RAIL BETWEEN SPLICES SHALL BE 20'-0". LOCATE SPLICES NEAR 1/4 POINT OF POST SPACING.

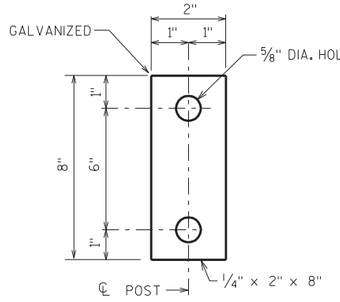


SECTION A-A

NOTE: PLACE ALL BOLT HEADS ON SIDE OF FENCE ADJACENT TO PEDESTRIANS

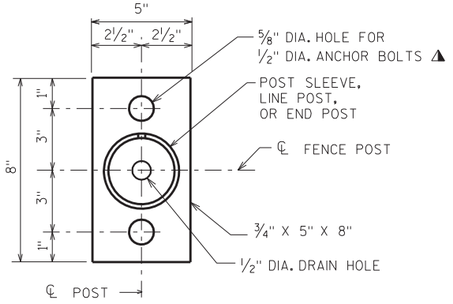


SECTION THRU FENCE



ANCHOR PLATE

✩NOTE: ANCHOR PLATE NOT REQUIRED WHEN ADHESIVE ANCHORS ARE USED.

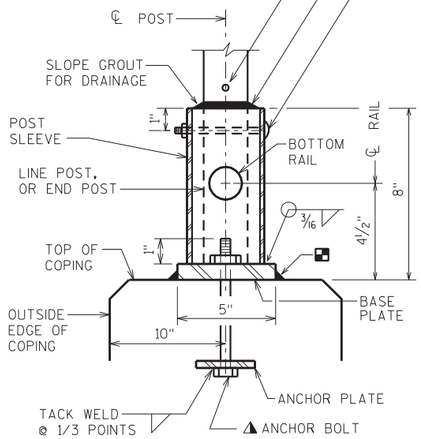


BASE PLATE

3/8" DIA. GALV. CARRIAGE BOLT WITH LOCKING NUT. (TO BE SUPPLIED WITH ASSEMBLY)

FILL SLEEVE AND BEVEL AWAY FROM POST WITH NON-SHRINK GROUT AFTER SETTING POST. (LEAVE NO VOIDS)

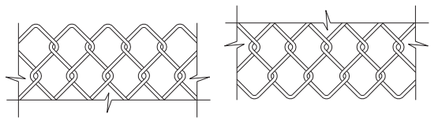
DRILL 3/16" DIA. DRAIN HOLE PARALLEL TO ROADWAY IMMEDIATELY ABOVE GROUT IN POST. SLEEVE LOCATIONS ONLY.



DETAIL 'A'

UNIT SHALL BE GALVANIZED AFTER FABRICATION

NOTE: IN LIEU OF USING THE POST SLEEVE, THE FENCE POST MAY BE WELDED TO THE BASE PLATE.



TOP DETAIL

BOTTOM DETAIL

FENCE FABRIC

FENCE FABRIC WOVEN OF 9-GAGE WIRE IN 2" DIAMOND PATTERN MESH WITH BOTH THE TOP AND BOTTOM SELVAGES KNUCKLED.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-73

DRAWN BY CLP | PLANS CK'D. JLB

CHAIN LINK FENCE DETAILS

SHEET 4 OF 5
629

ORIGINAL PLANS PREPARED BY

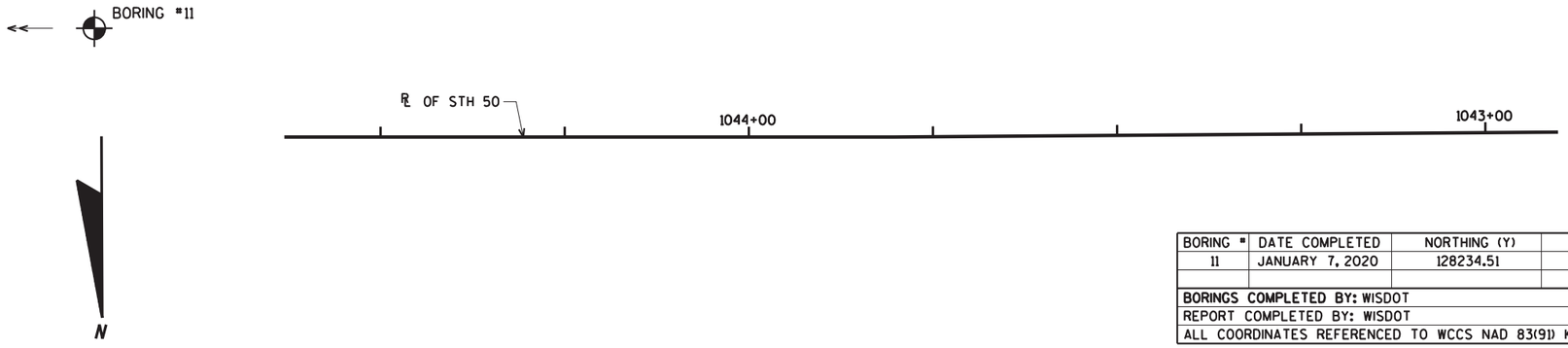
AYRES
3433 Oakwood Hills Parkway
Eau Claire, WI 54701
www.AyresAssociates.com

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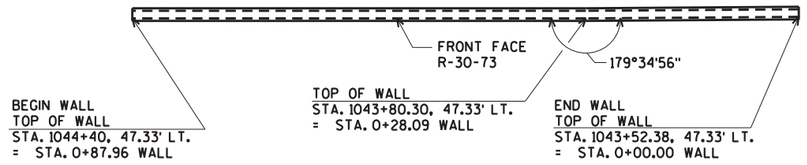
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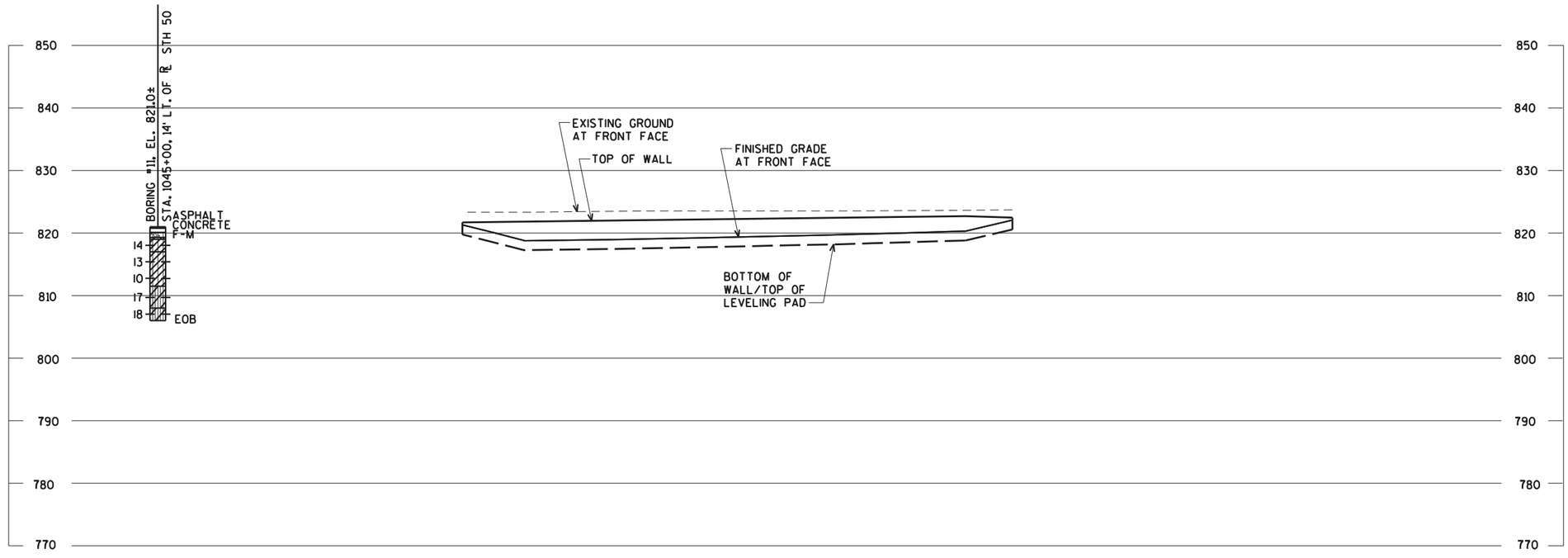
7/27/2021
PENTABLE:BReau_shd_utl.tbl

I:±42±76-0103.00 - Kenosha Co. STH 50 Retaining Wall±Structure±FINAL±R-30-73±R-30-73 chainlnk.dgn



BORING #	DATE COMPLETED	NORTHING (Y)	EASTING (X)
11	JANUARY 7, 2020	128234.51	554119.90
BORINGS COMPLETED BY: WISDOT			
REPORT COMPLETED BY: WISDOT			
ALL COORDINATES REFERENCED TO WCCS NAD 83(91) KENOSHA COUNTY			





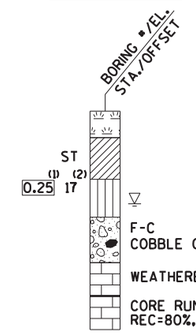
STATE PROJECT NUMBER

1310-04-70

MATERIAL SYMBOLS

ASPHALT	TOPSOIL	PEAT
CONCRETE	FILL	GRAVEL
SAND	CLAY	SILT
BOULDERS OR COBBLES	LIMESTONE	BEDROCK (UNKNOWN)
SHALE	SANDSTONE	IGNEOUS/ META

LEGEND OF BORING



(1) UNCONFINED STRENGTH, AS DETERMINED BY A POCKET PENETROMETER (TSF)

(2) UNLESS OTHERWISE, SPECIFIED THE SPT 'N' VALUE IS BASED ON AASHTO T-206, STANDARD PENETRATION TEST. THE SPT 'N' VALUE PRESENTED HAS NOT BEEN CORRECTED FOR OVERBURDEN PRESSURE OR HAMMER EFFICIENCY.

GROUND WATER ELEVATION

- AT TIME OF DRILLING
- END OF DRILLING
- AFTER DRILLING

ABBREVIATIONS

F-FINE M-MEDIUM C-COARSE ST-SHELBY TUBE

SUBSURFACE EXPLORATION FOR FOUNDATION DESIGN AND BIDDERS INFORMATION

BORINGS WERE COMPLETED AT POINTS APPROXIMATELY AS INDICATED ON THIS DRAWING TO OBTAIN INFORMATION CONCERNING THE CHARACTER OF SUBSURFACE MATERIALS FOUND AT THE SITE. BECAUSE THE INVESTIGATED DEPTHS ARE LIMITED AND THE AREA OF THE BORINGS IS VERY SMALL IN RELATION TO THE ENTIRE SITE, THE WISCONSIN DEPARTMENT OF TRANSPORTATION DOES NOT WARRANT SIMILAR SUBSURFACE CONDITIONS BELOW, BETWEEN, OR BEYOND THESE BORINGS. VARIATIONS IN SOIL CONDITIONS SHOULD BE EXPECTED AND FLUCTUATIONS IN GROUNDWATER LEVELS MAY OCCUR.

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE R-30-73

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SUBSURFACE EXPLORATION

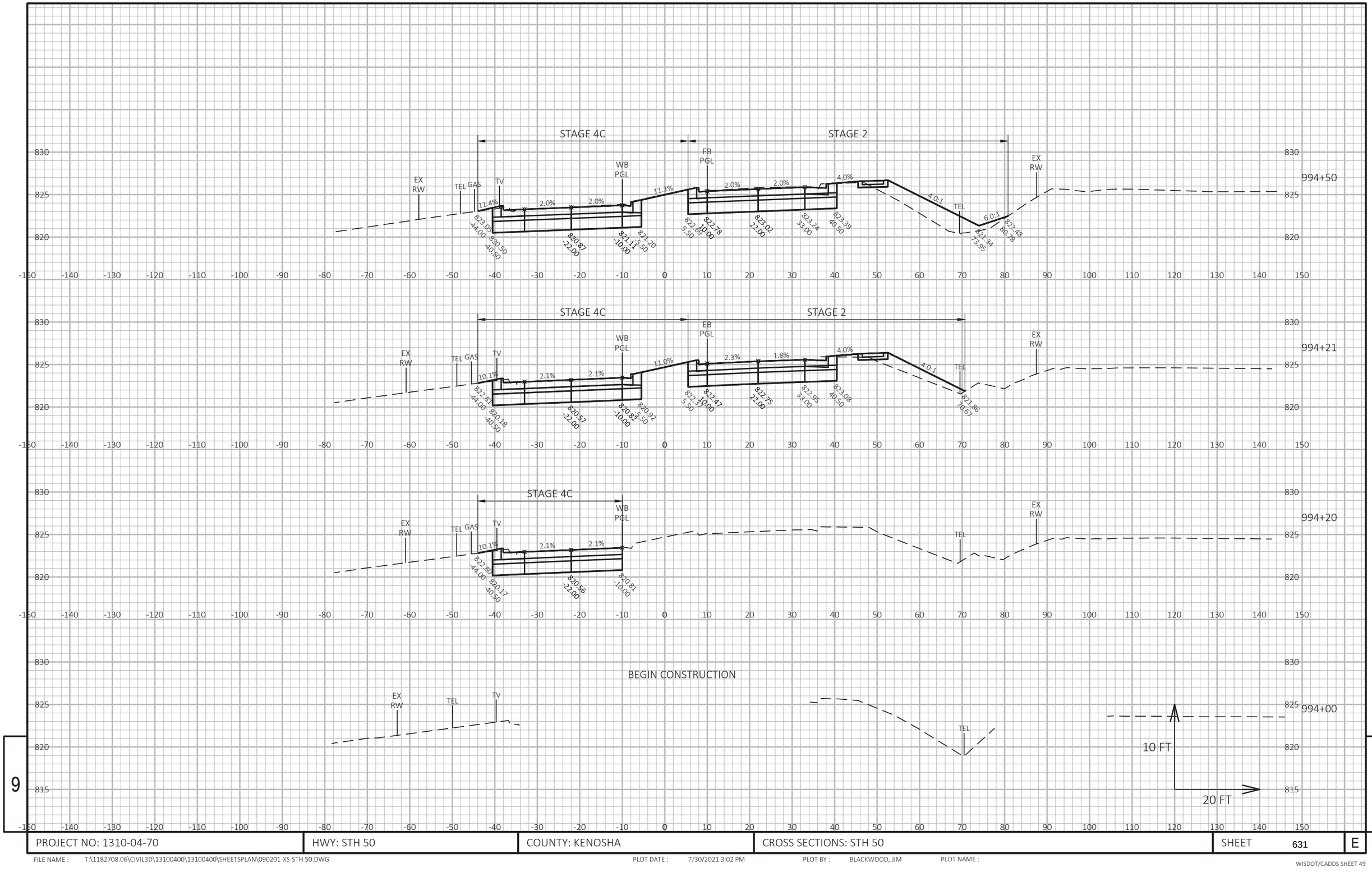
SHEET 5 OF 5
630

8

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7/27/2021
PENTABLE:BReau_shd_util.tbl

I:±42±76-0103.00 - Kenosha Co. STH 50 Retaining Wall±Structure±FINAL±R-30-73±R-30-73 soils.dgn



9

9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 631	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

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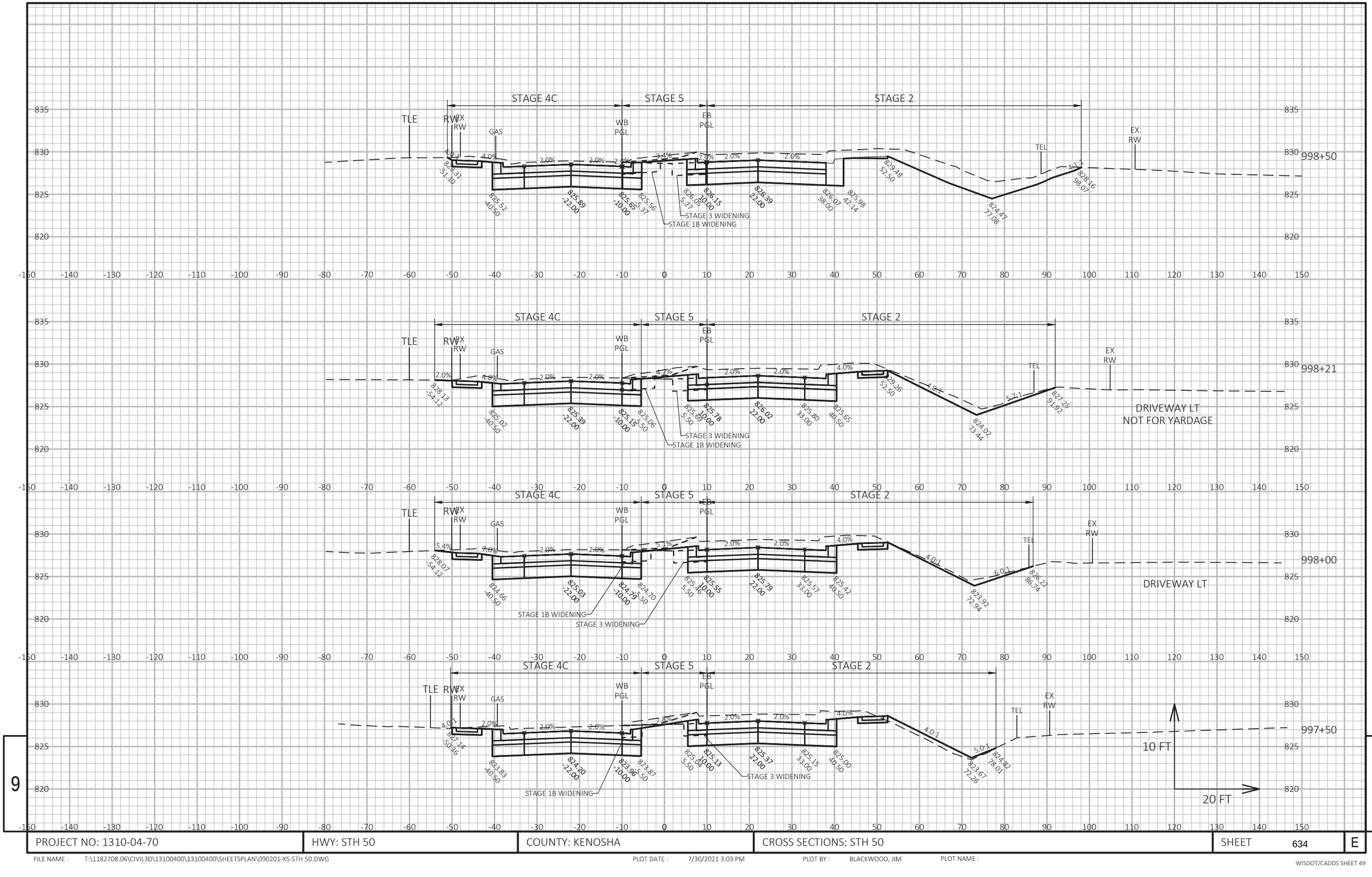
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WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 634	E

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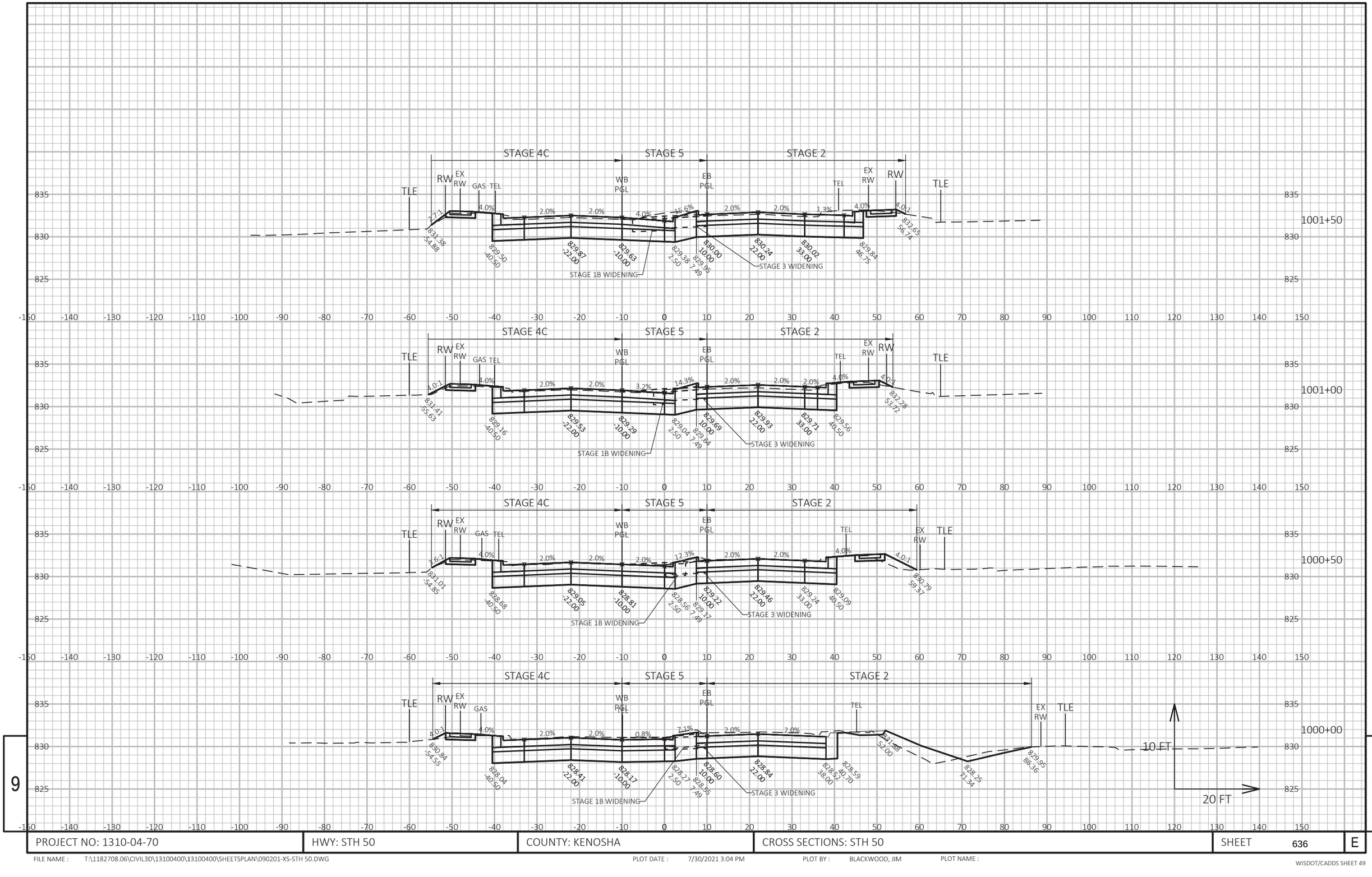
WISDOT/CADDS SHEET 49

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WISDOT/CADDS SHEET 49



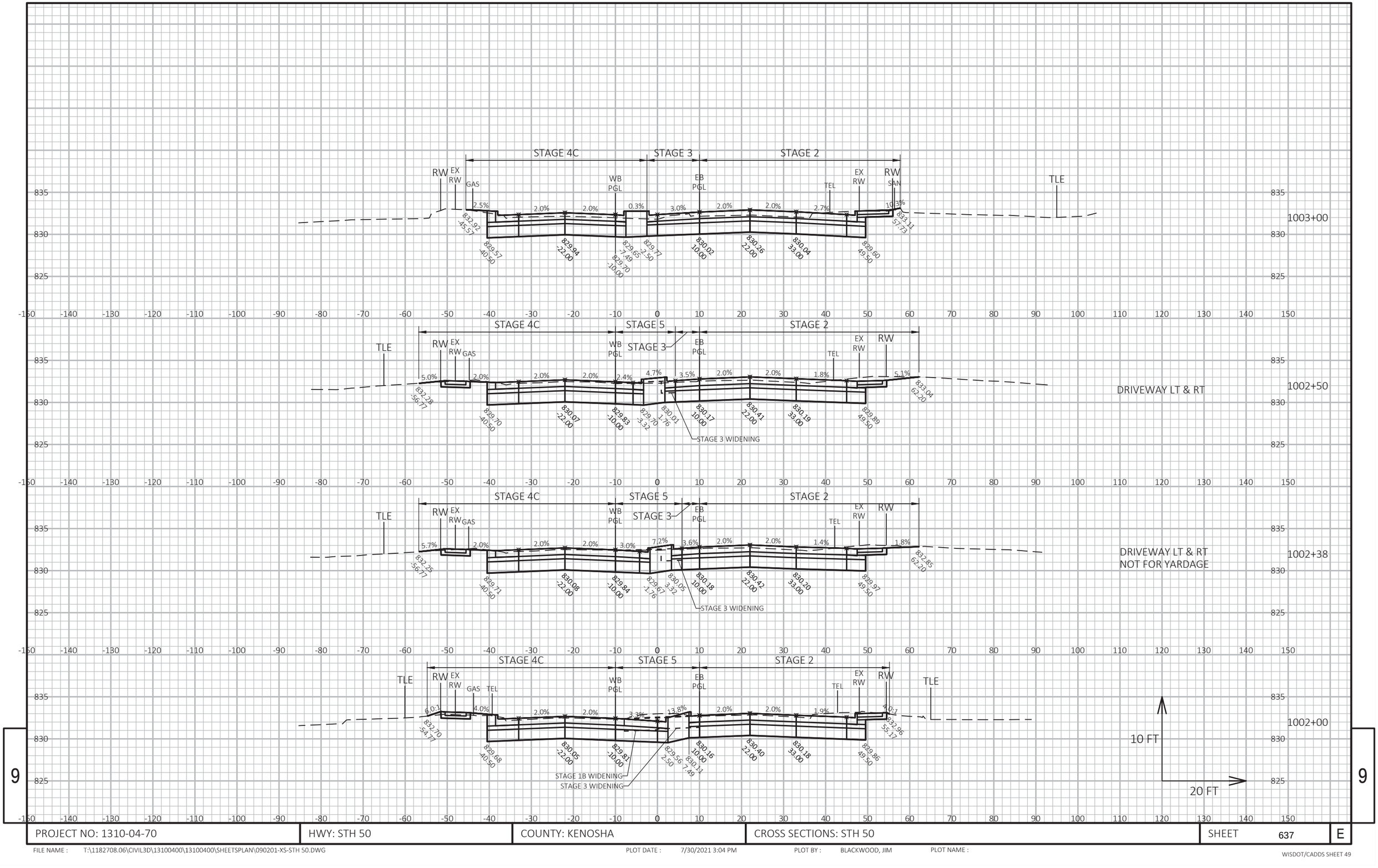
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WISDOT/CADDS SHEET 49

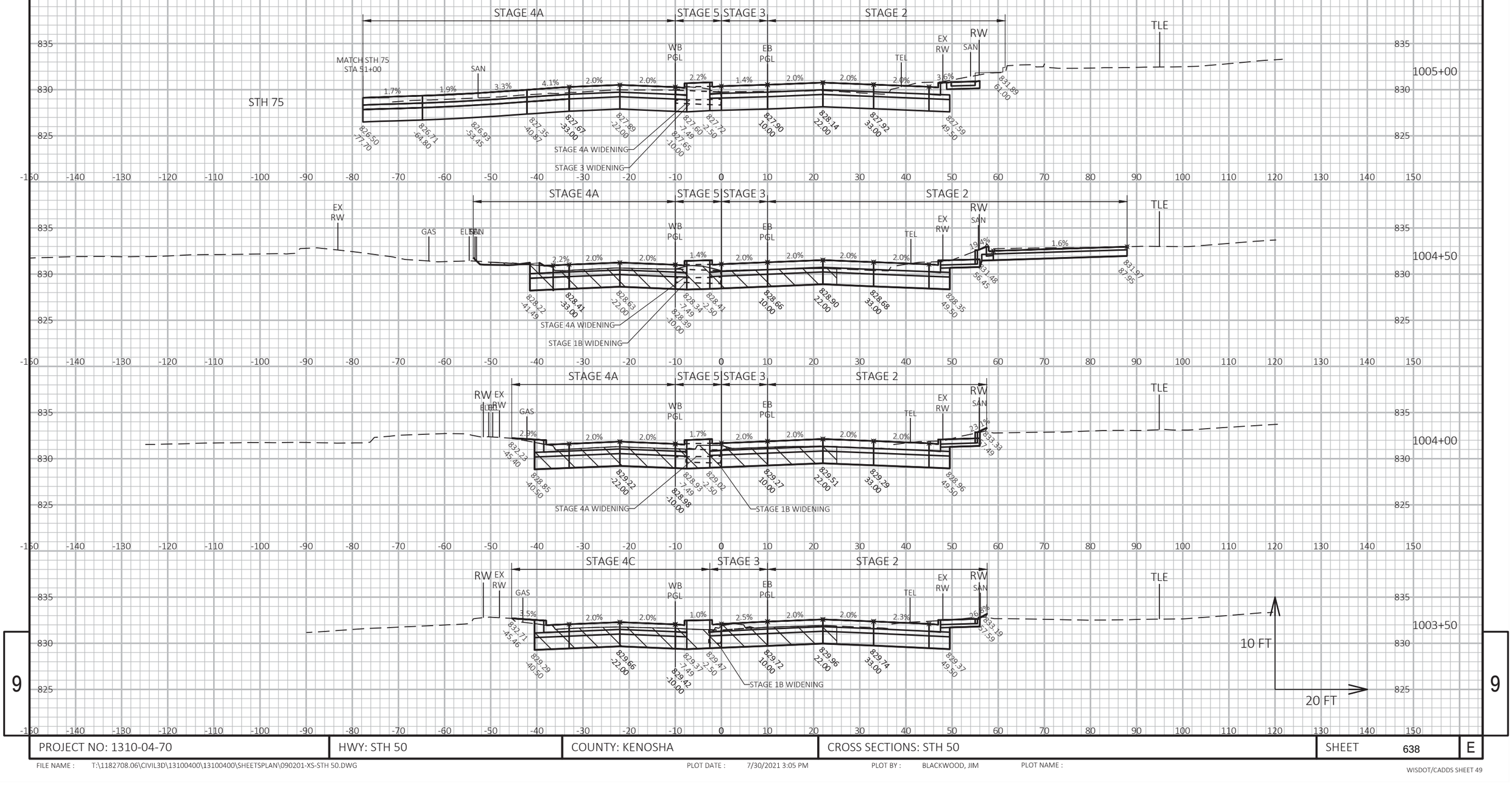


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WISDOT/CADDS SHEET 49

PETROLEUM CONTAMINATED SOIL



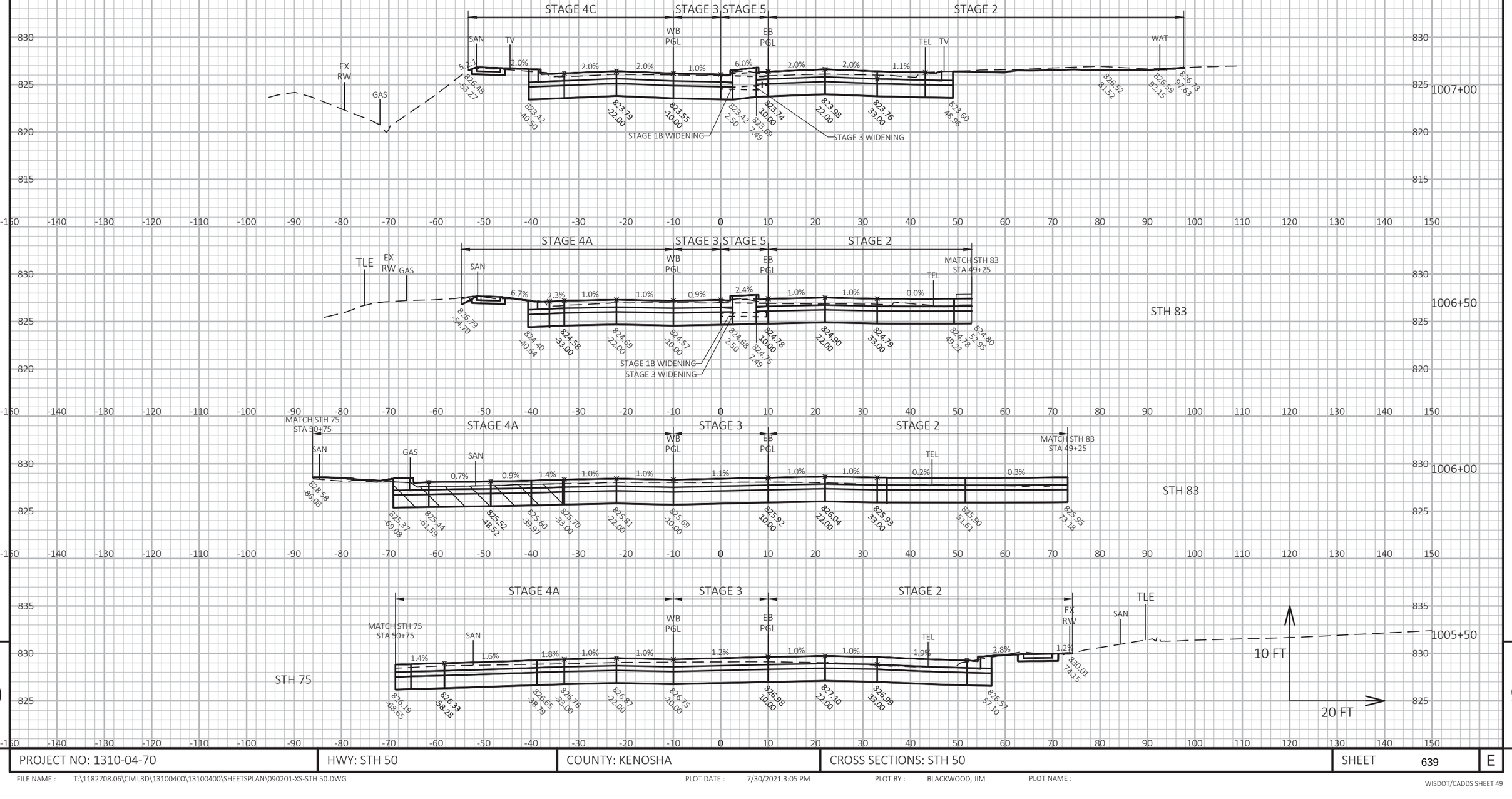
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PETROLEUM CONTAMINATED SOIL

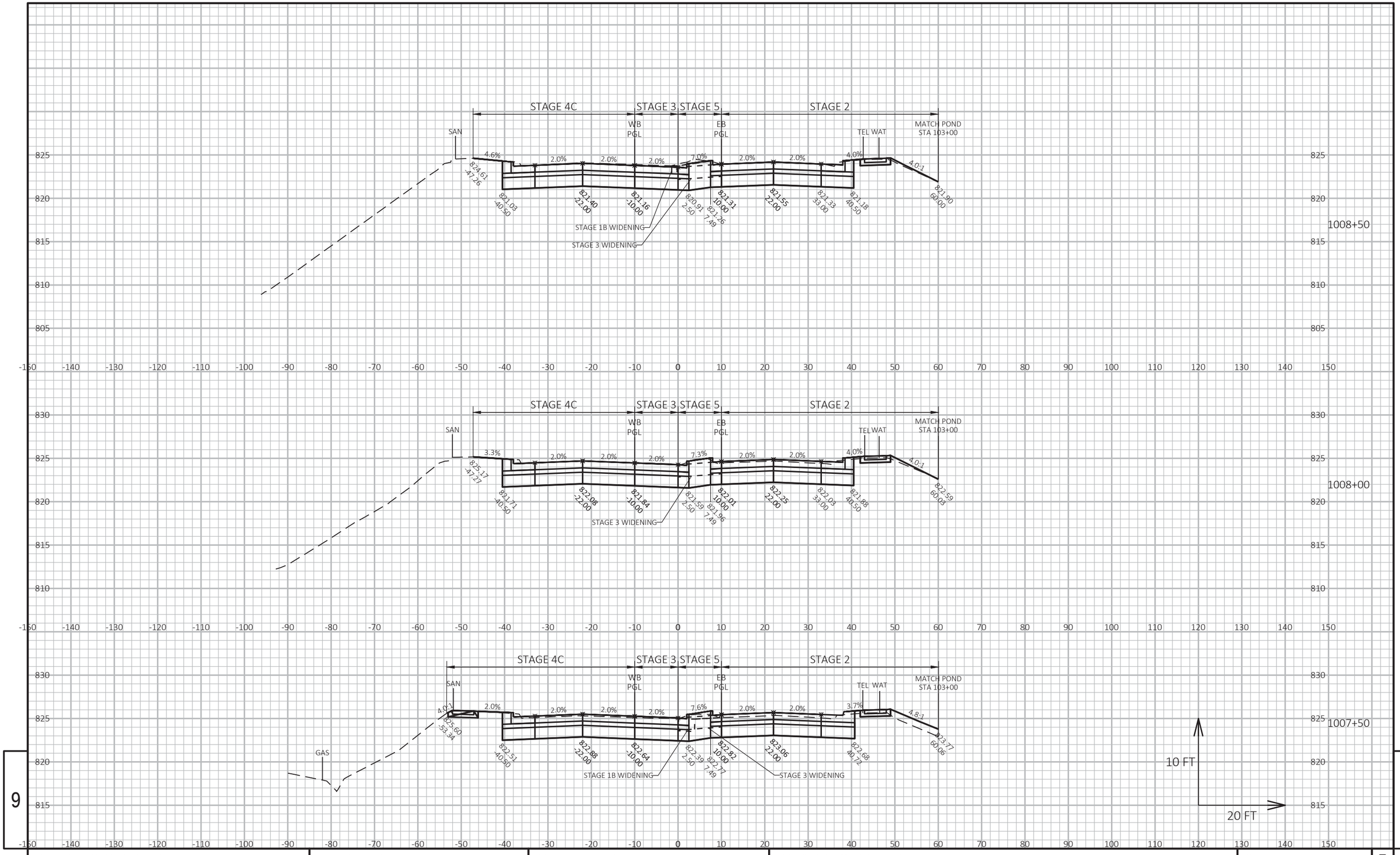


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WISDOT/CADDS SHEET 49



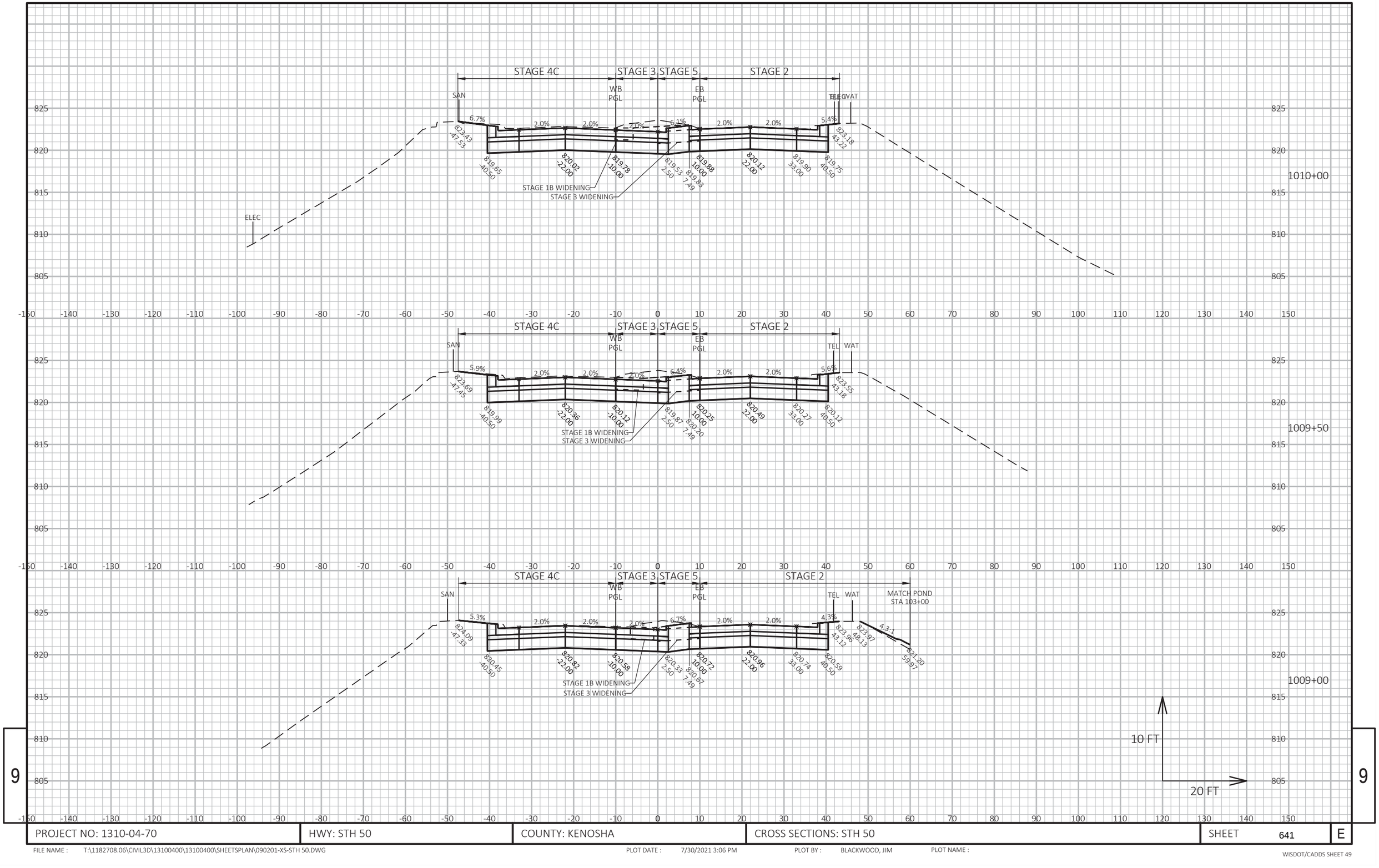
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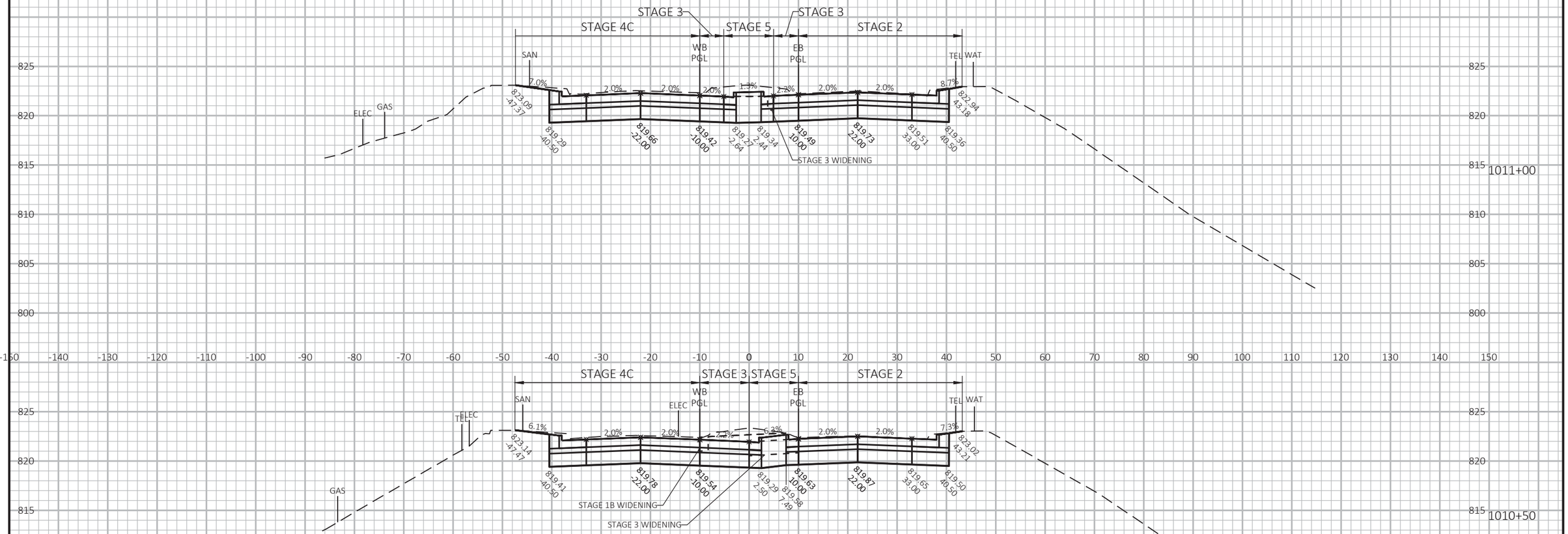
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WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 641	E

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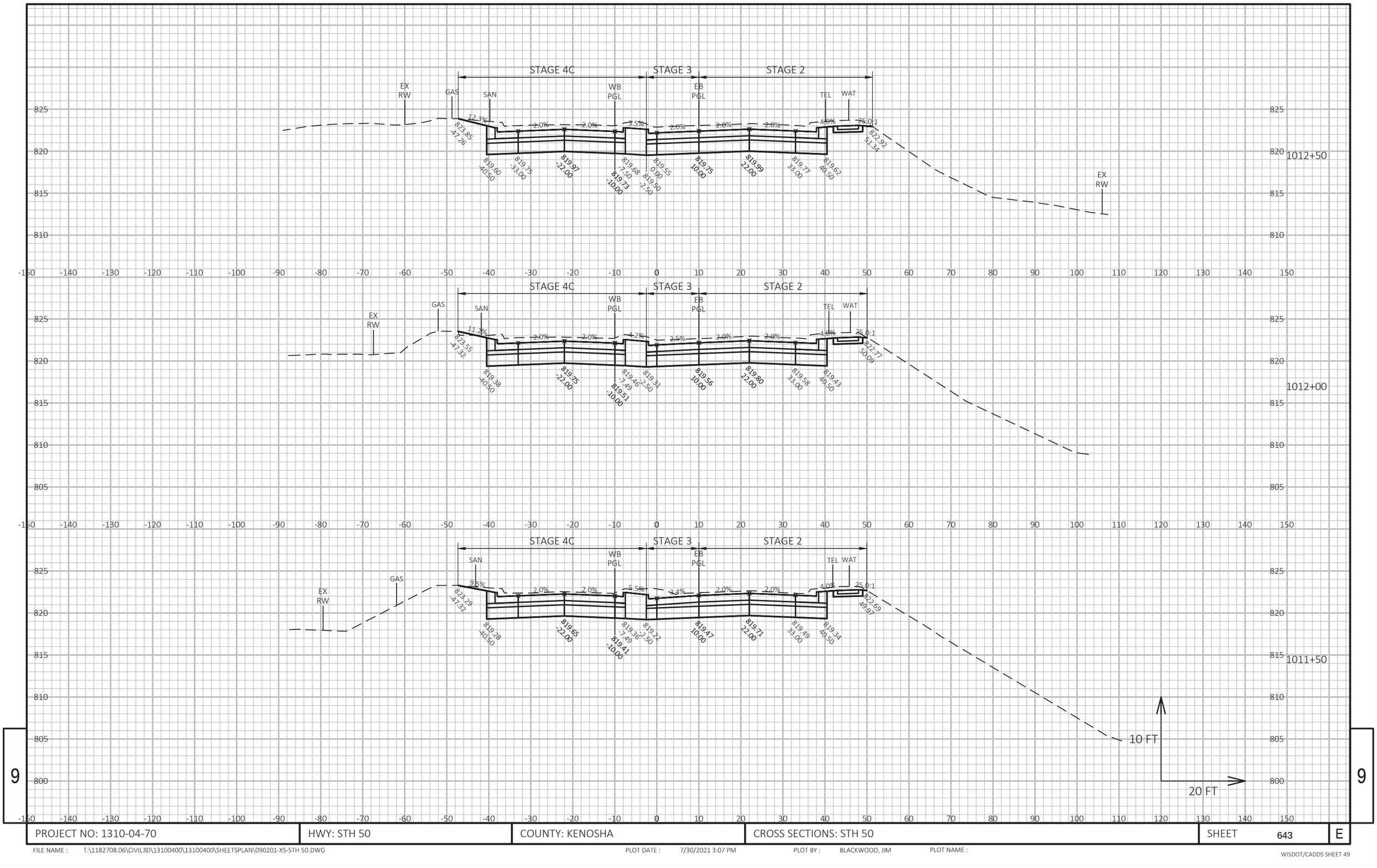


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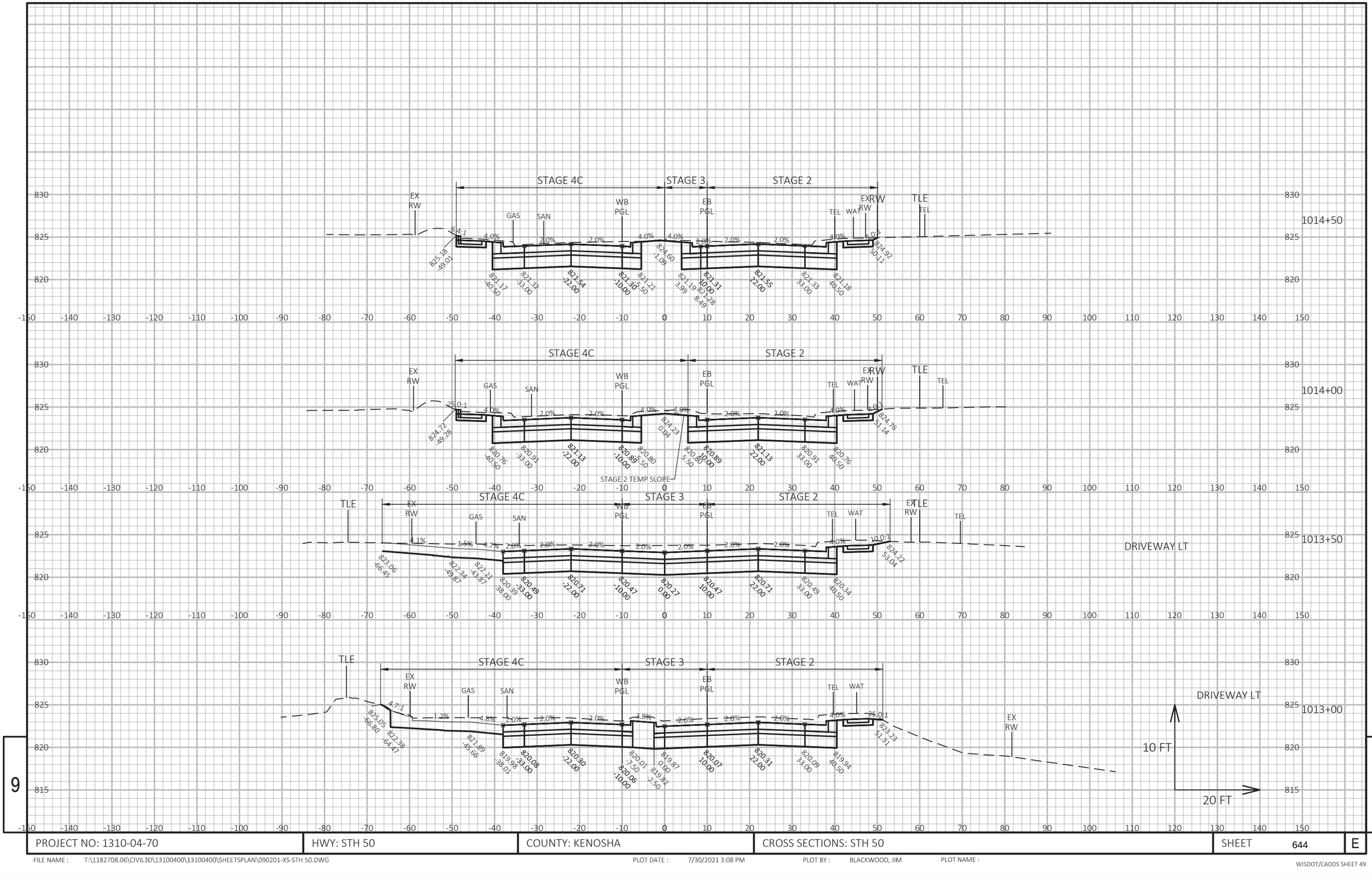
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 643	E

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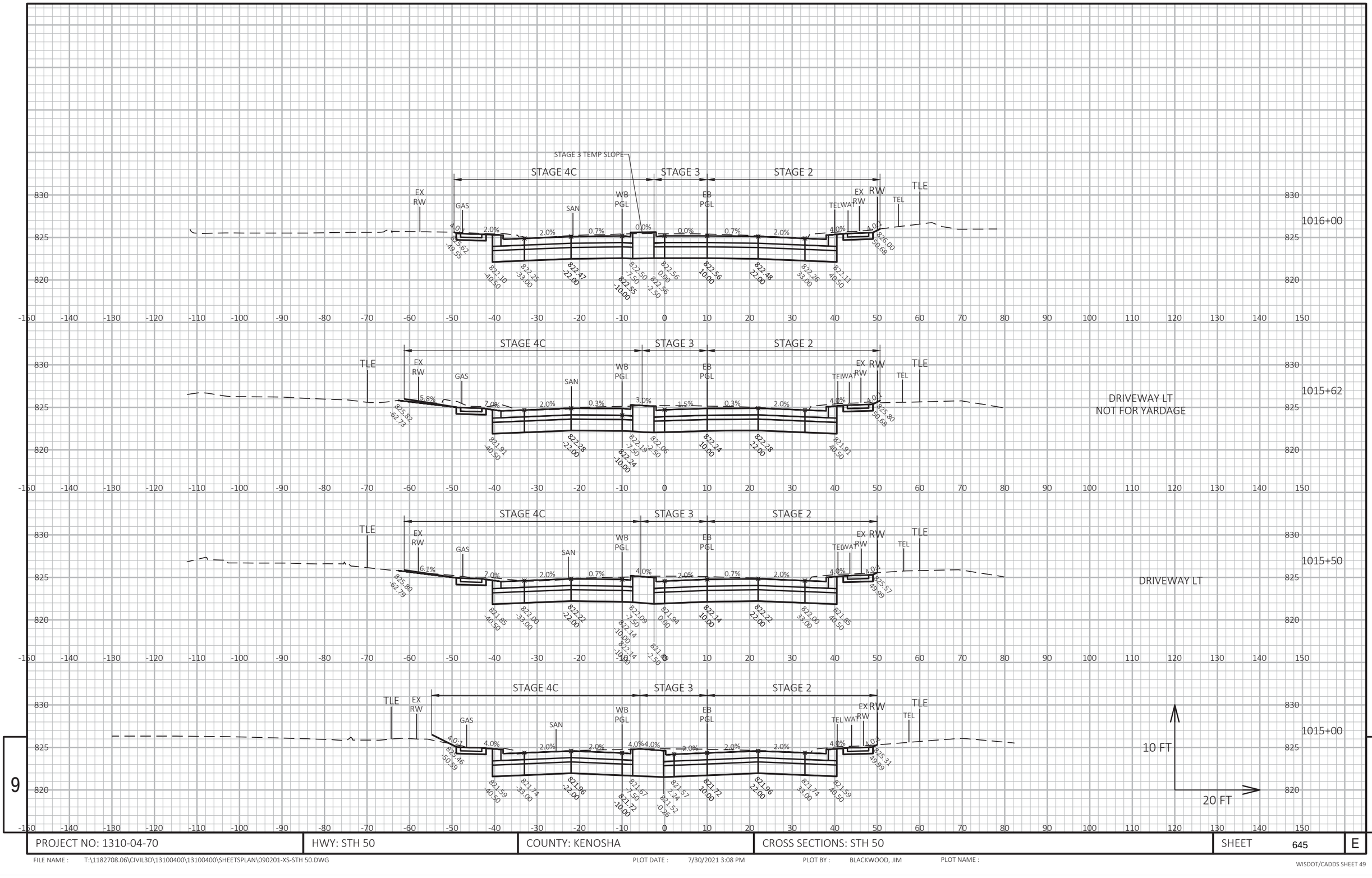
WISDOT/CADDS SHEET 49



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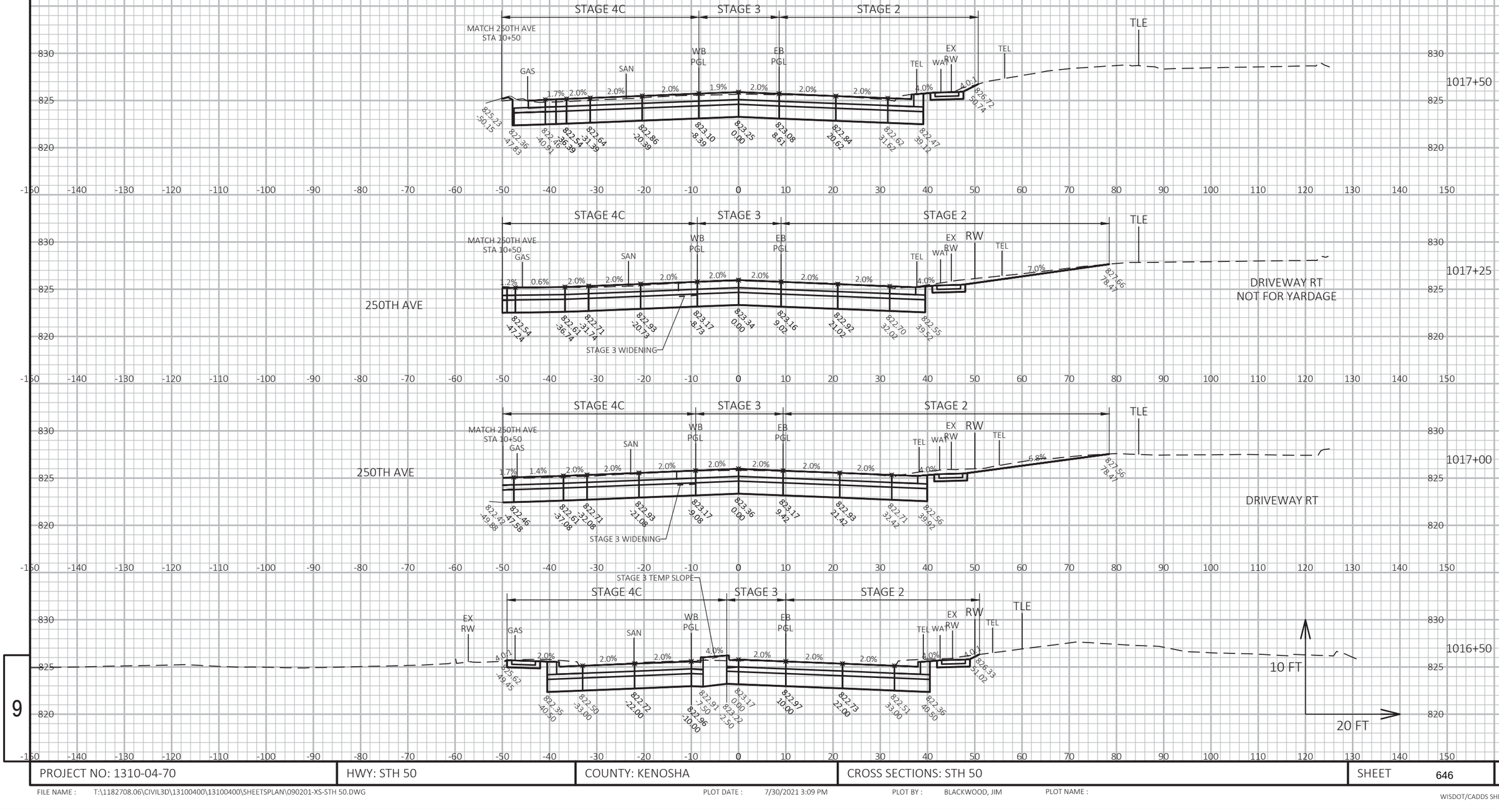
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WISDOT/CADDS SHEET 49



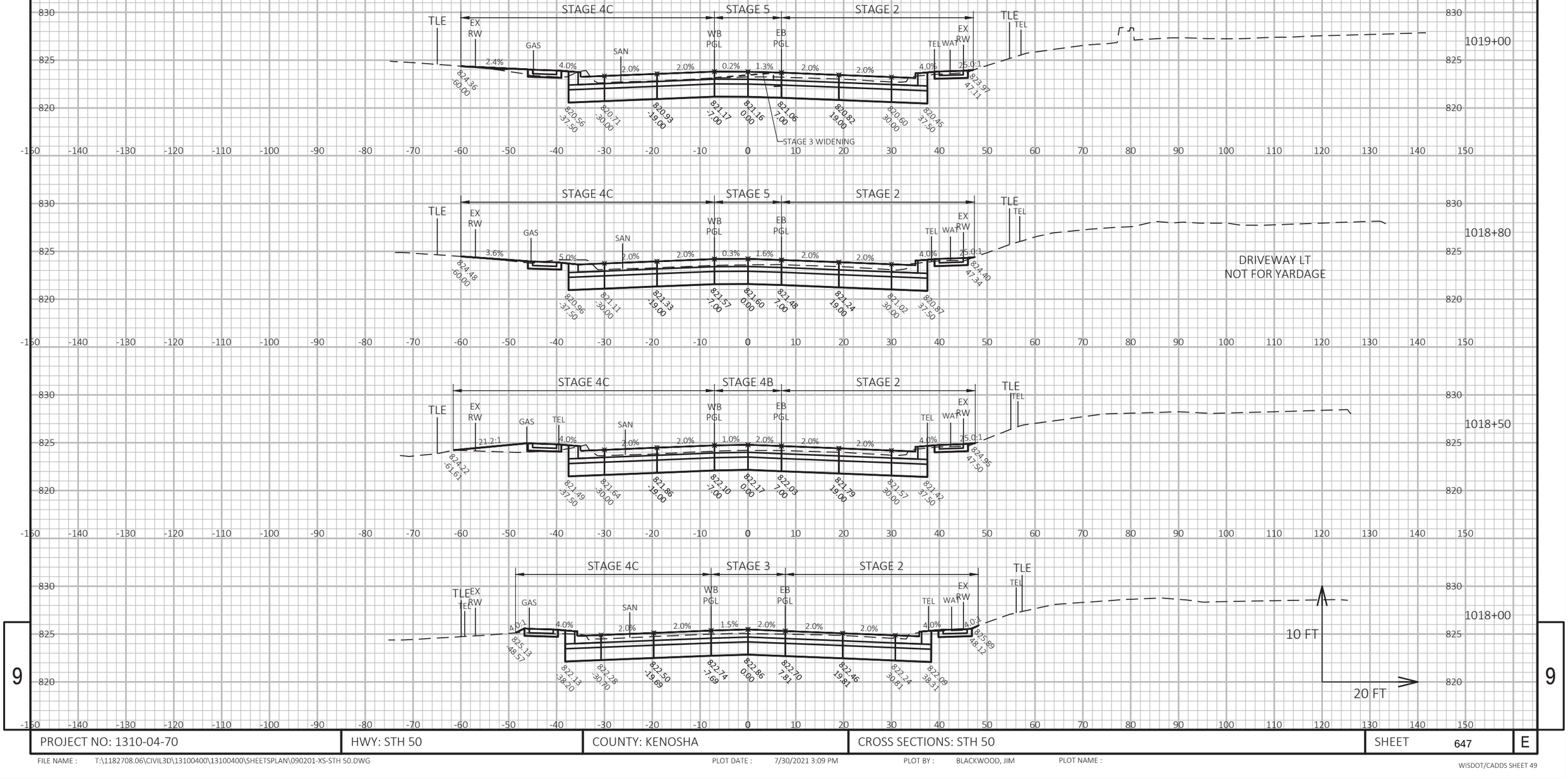
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 645	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:08 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 646	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:09 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :



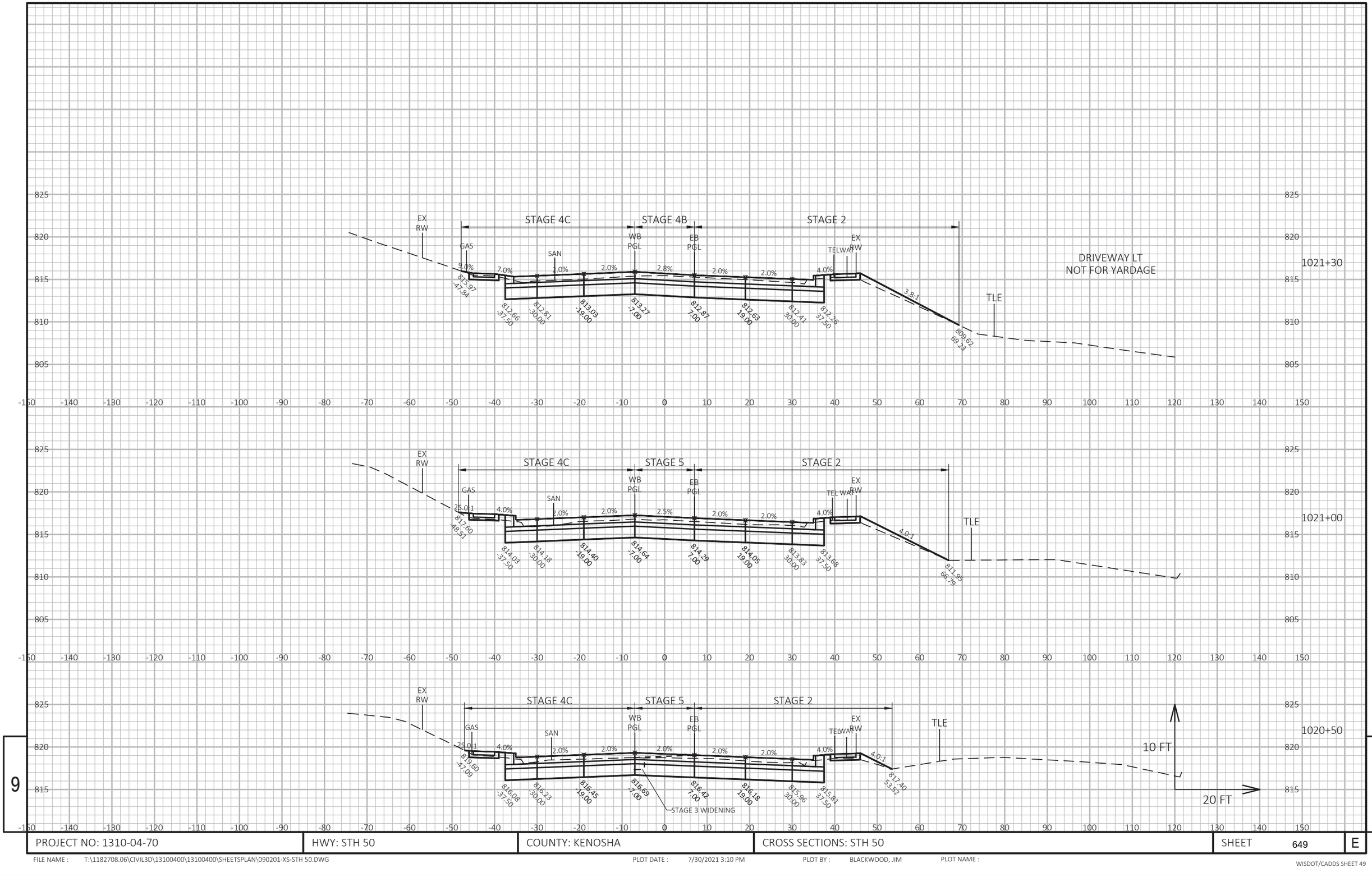
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 647	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:09 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 648	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:10 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

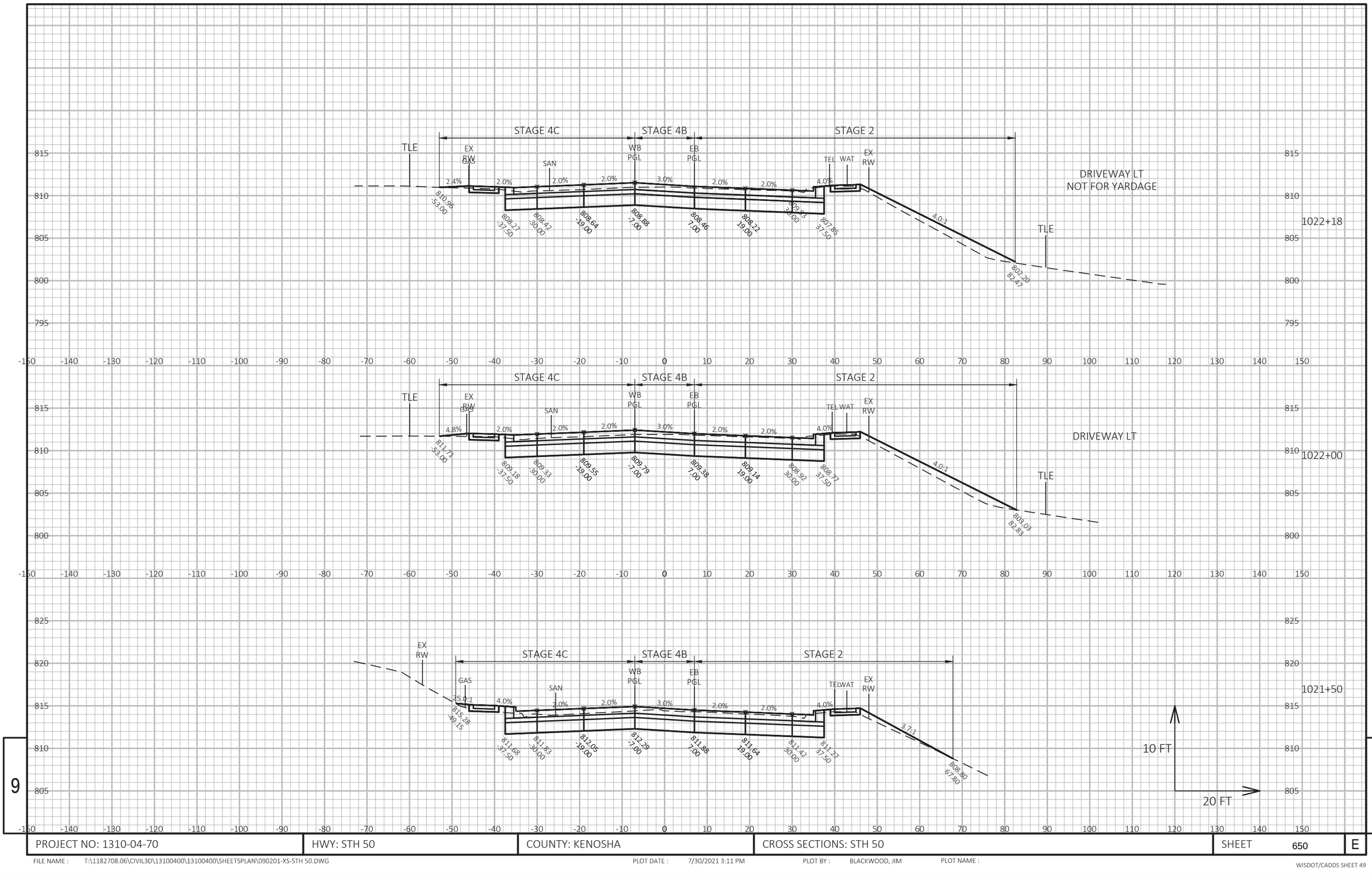


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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 649	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:10 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

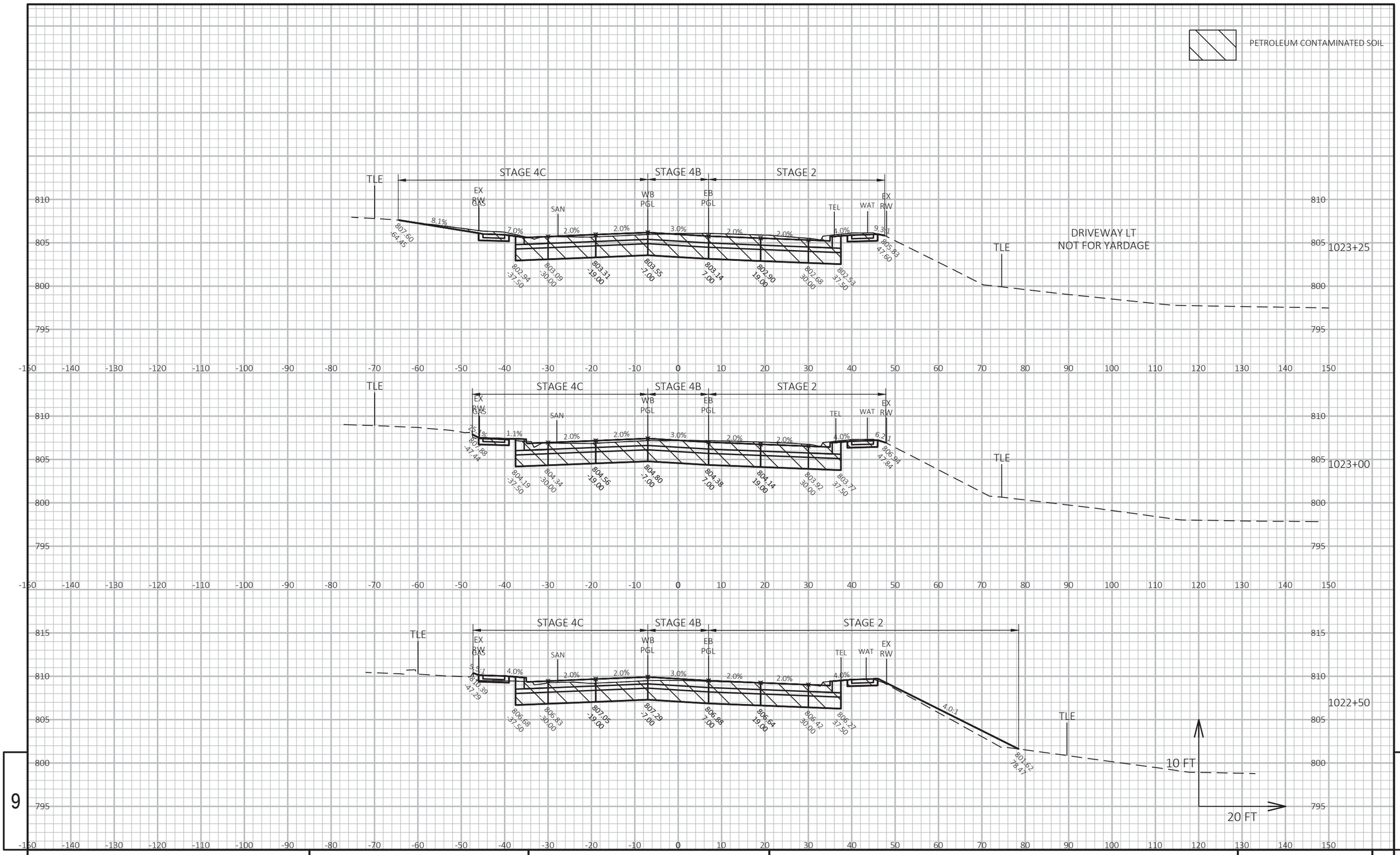


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 650	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:11 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

PETROLEUM CONTAMINATED SOIL

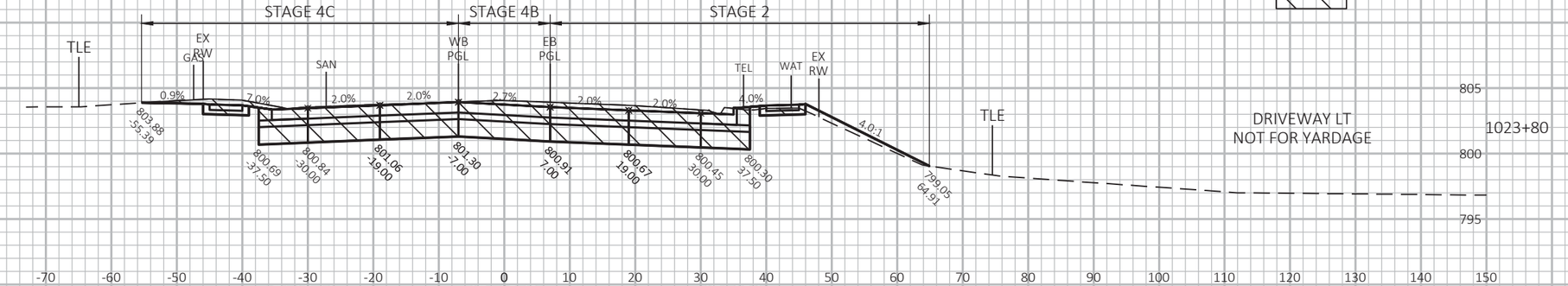


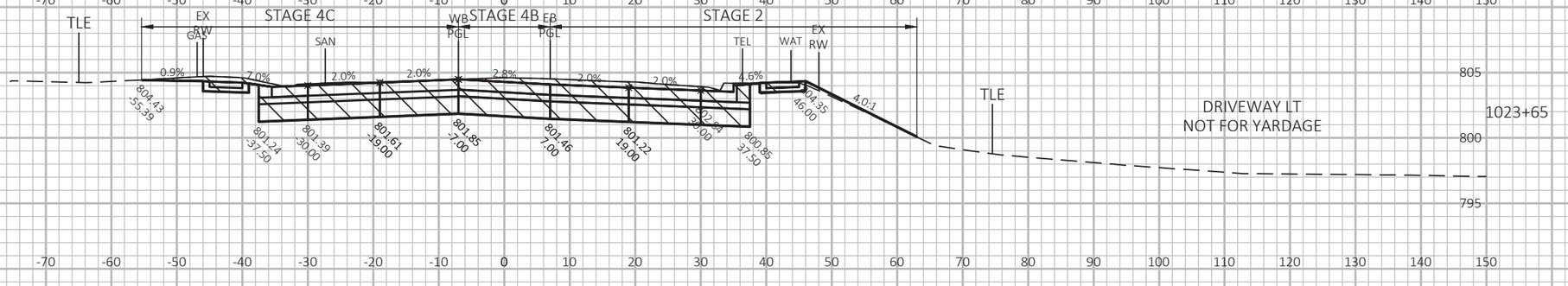
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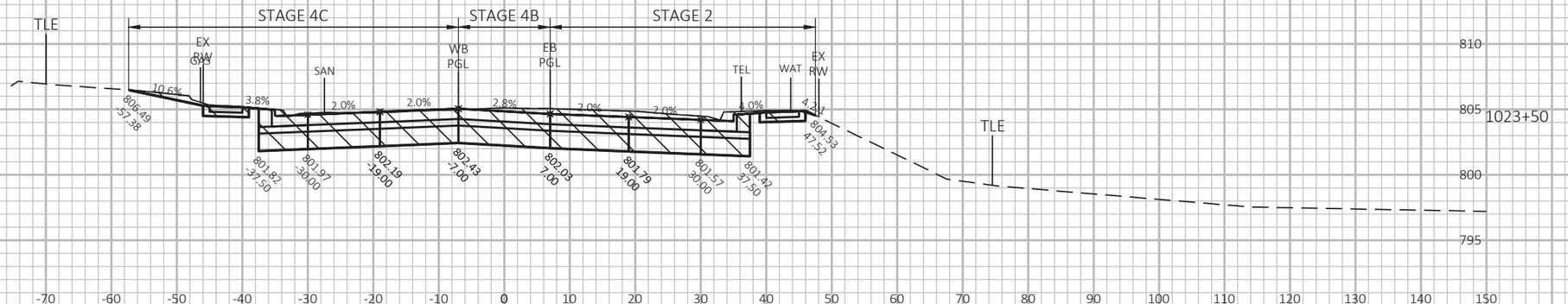
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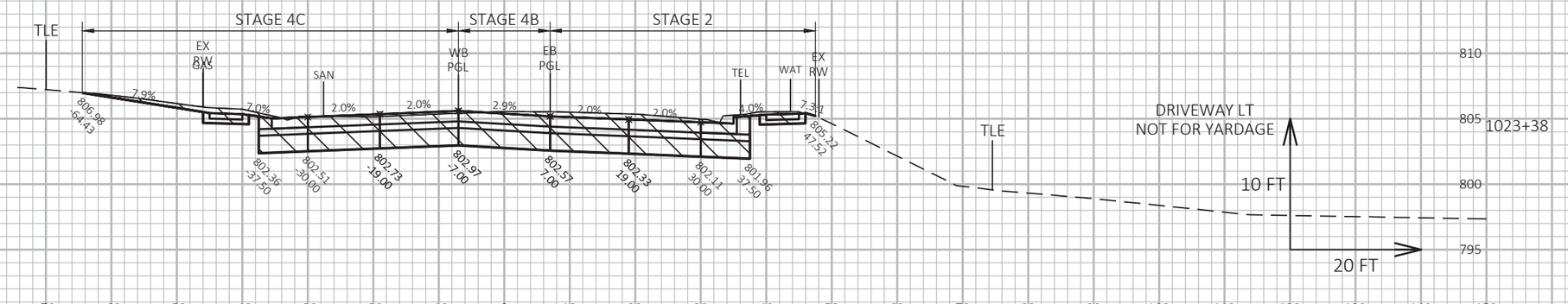
WISDOT/CADDS SHEET 49

PETROLEUM CONTAMINATED SOIL









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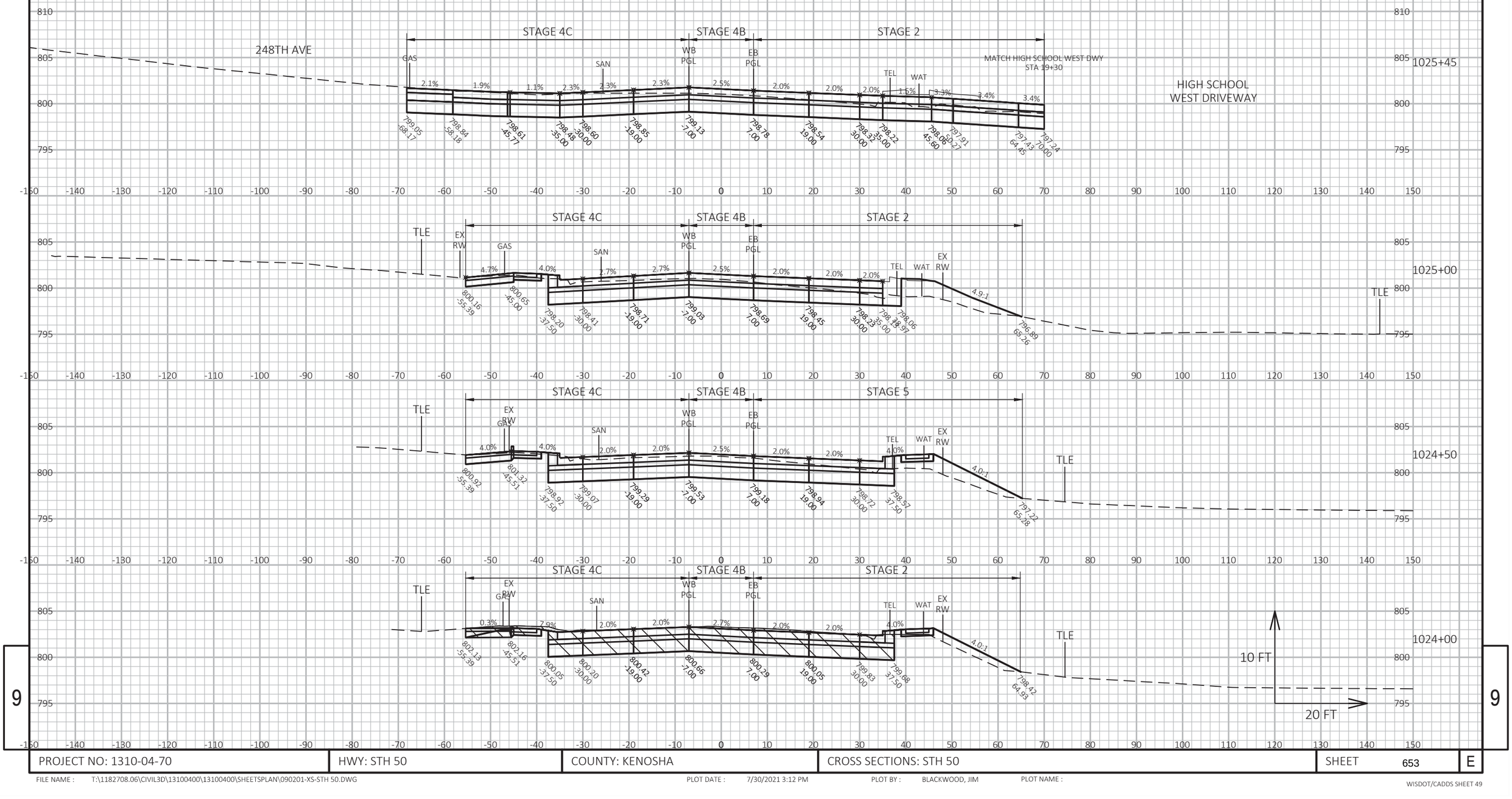
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 652	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:12 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

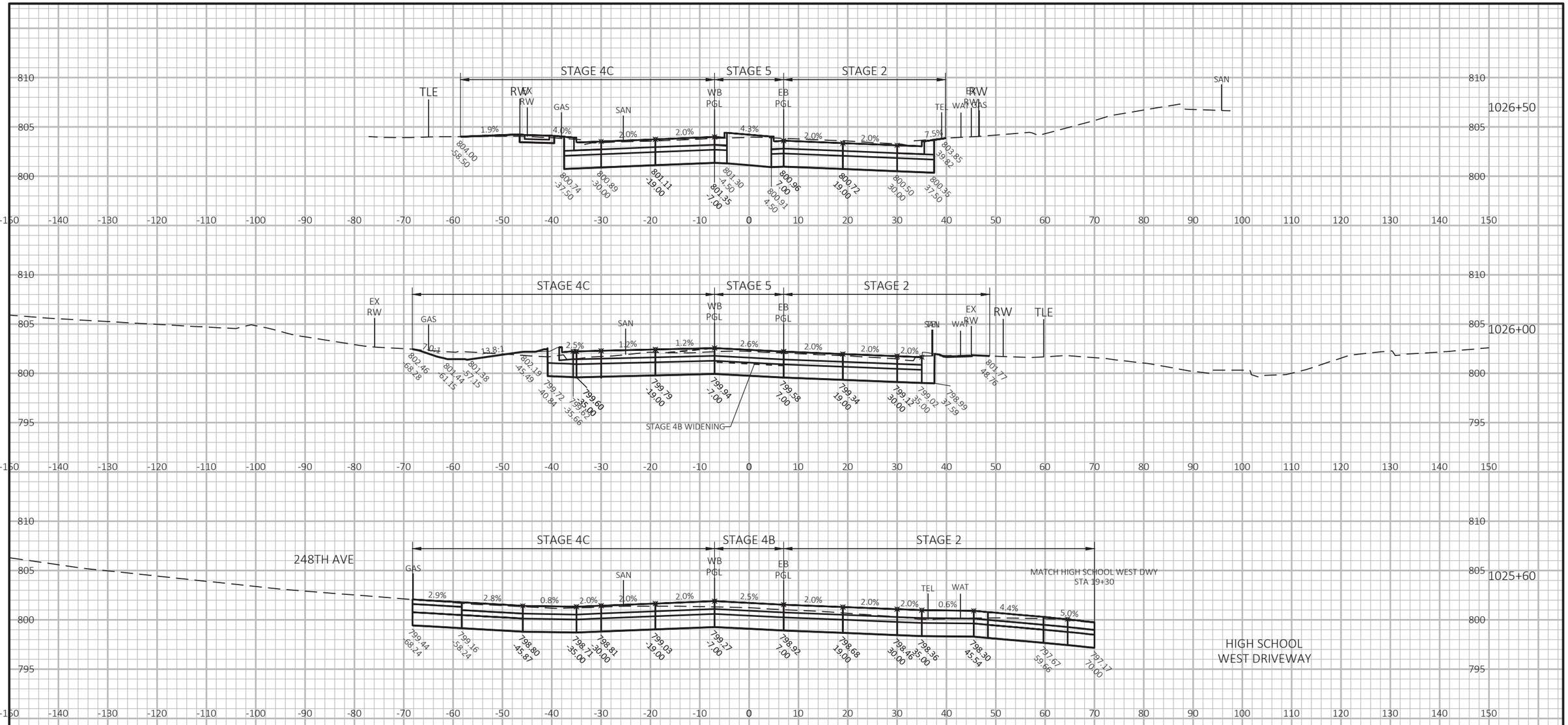
WISDOT/CADDS SHEET 49

PETROLEUM CONTAMINATED SOIL



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 653	E

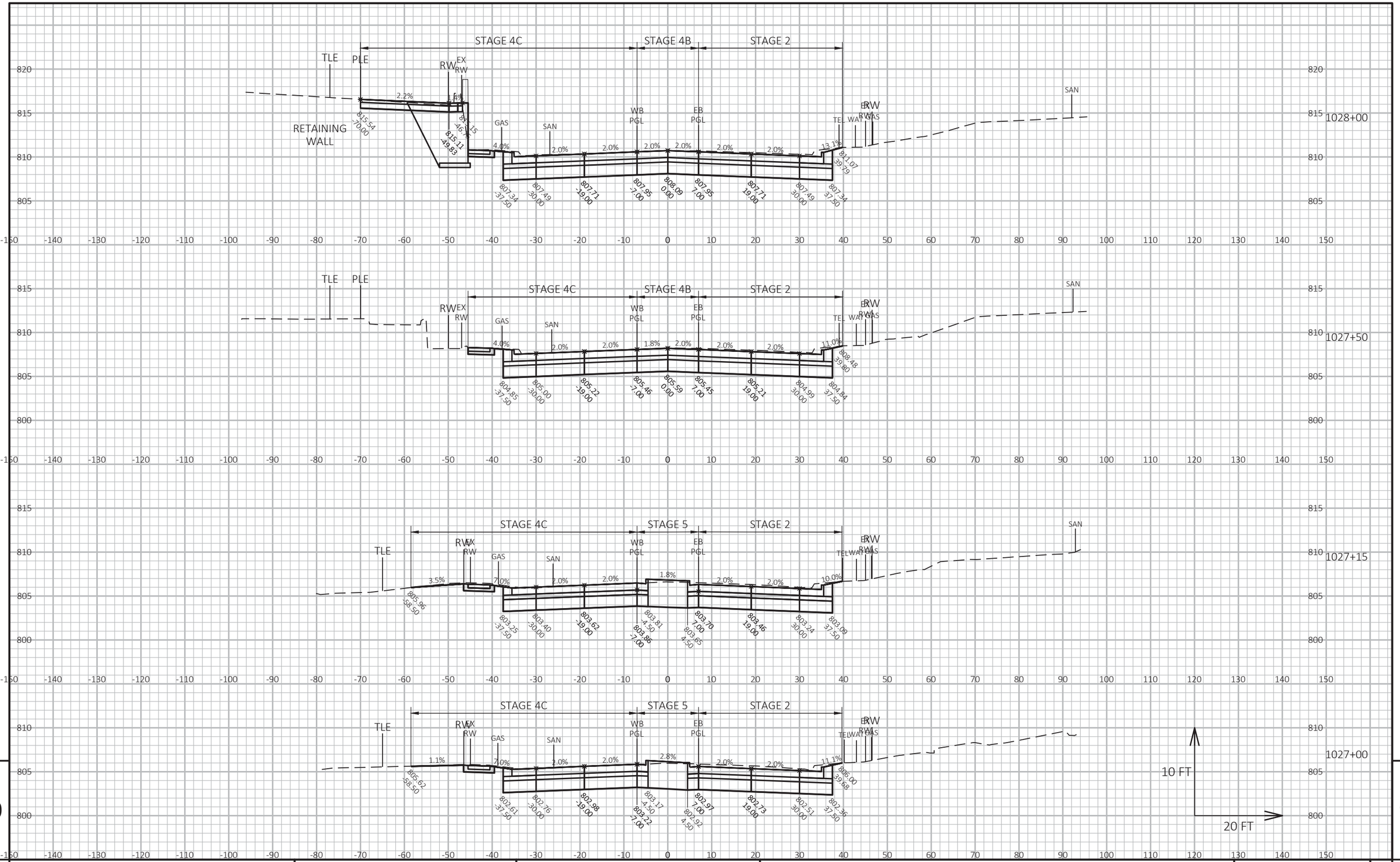
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:12 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 654	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:13 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

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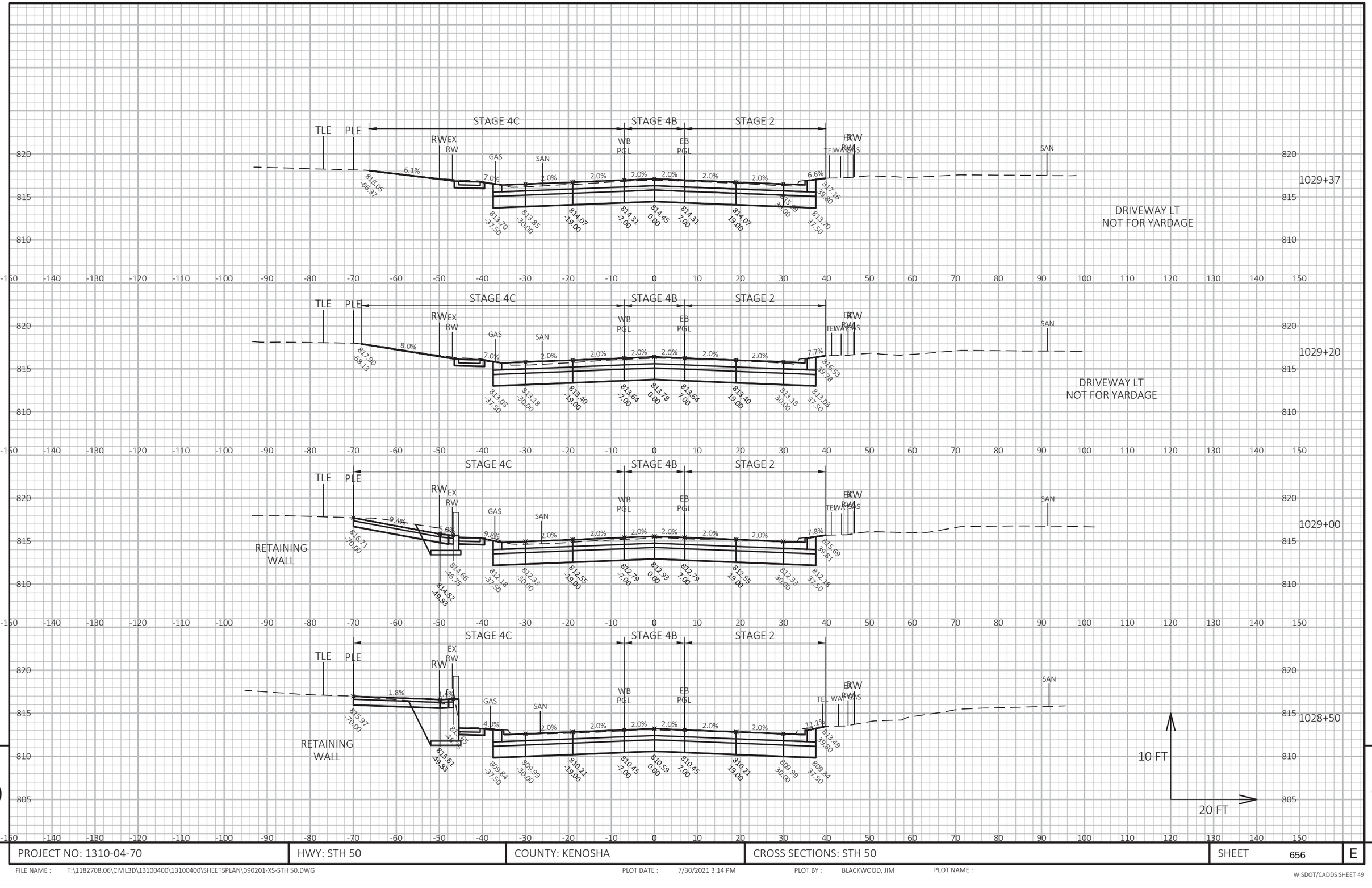
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 655	E

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WISDOT/CADDS SHEET 49

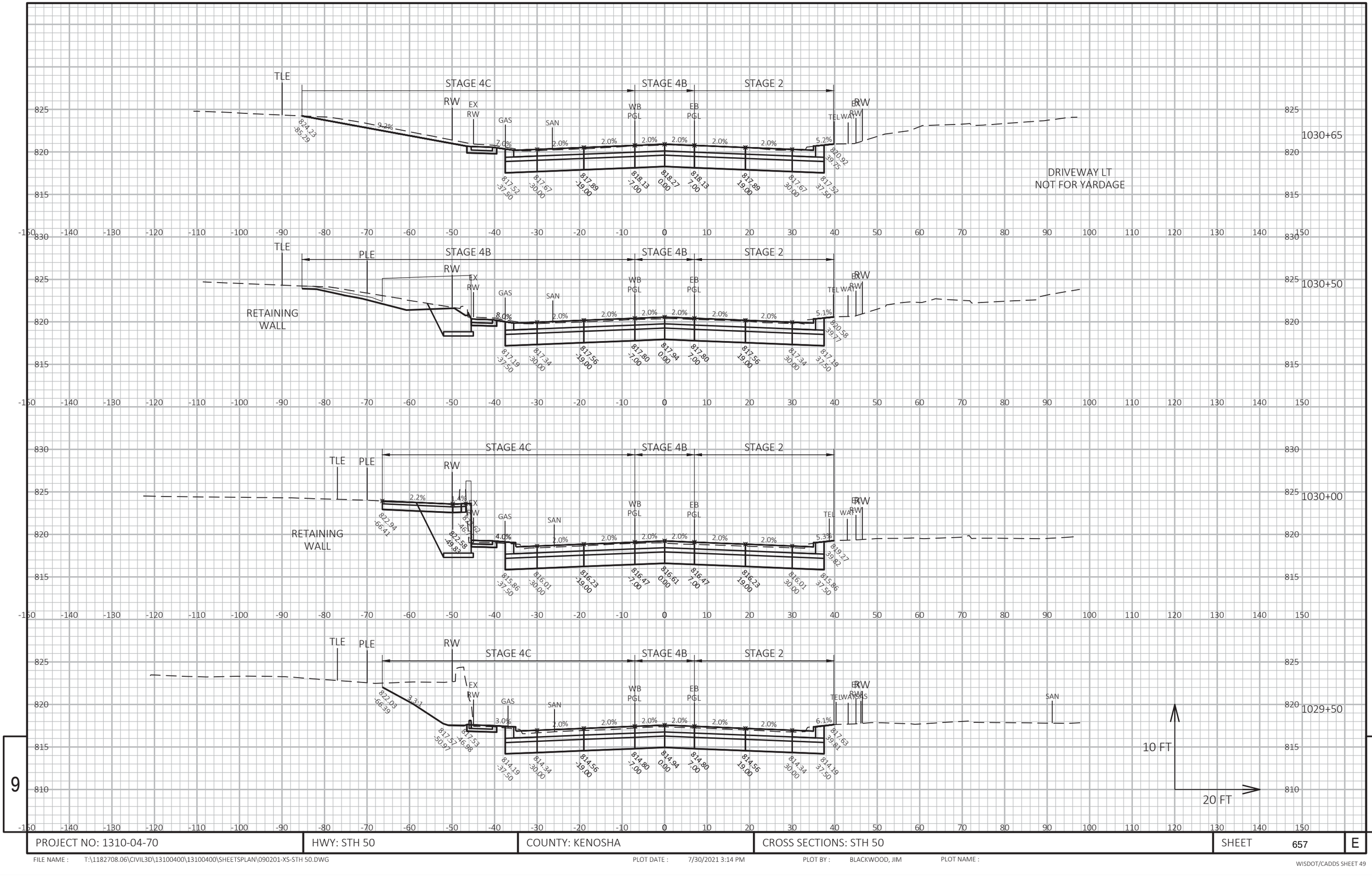
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 656	E

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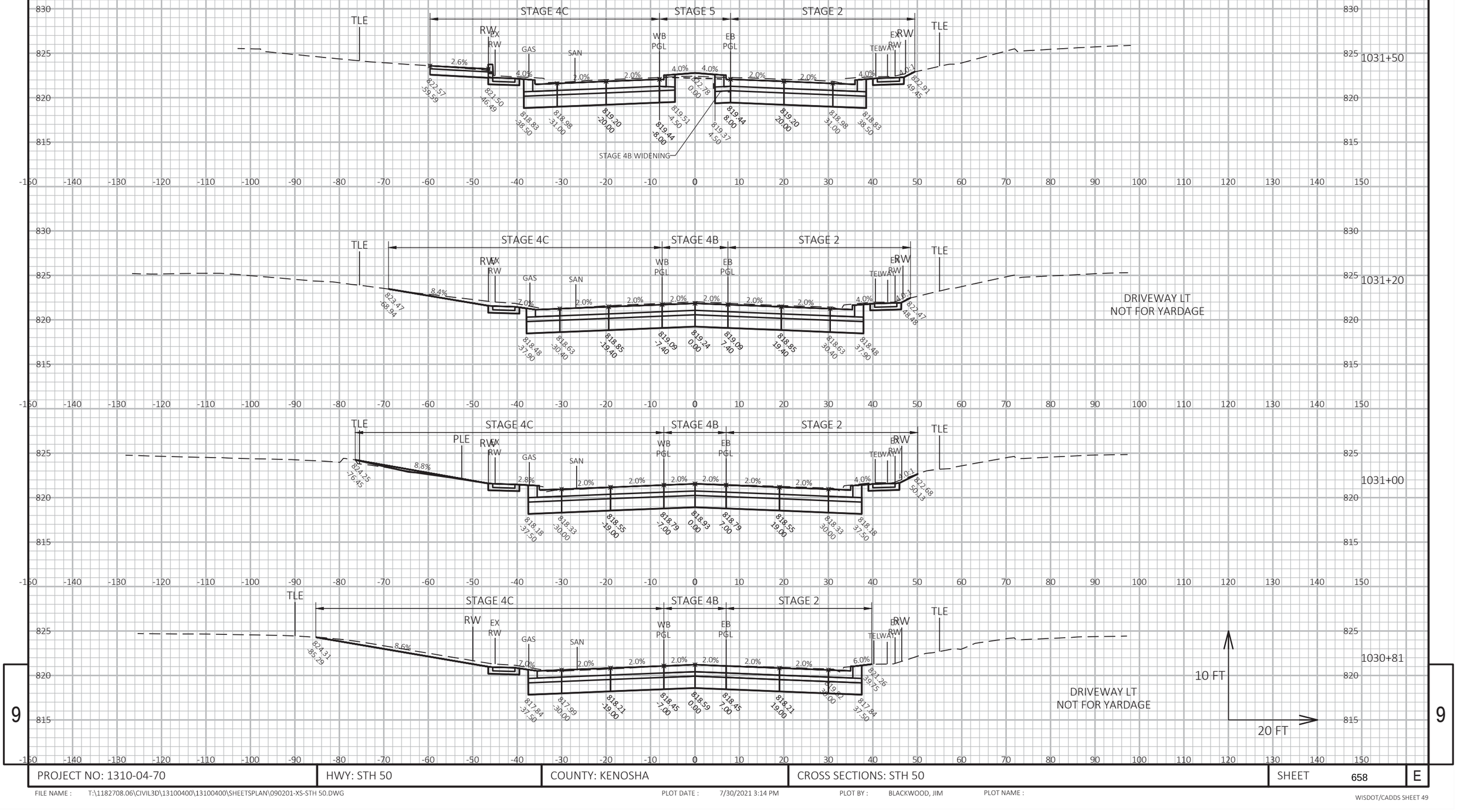
WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 657	E

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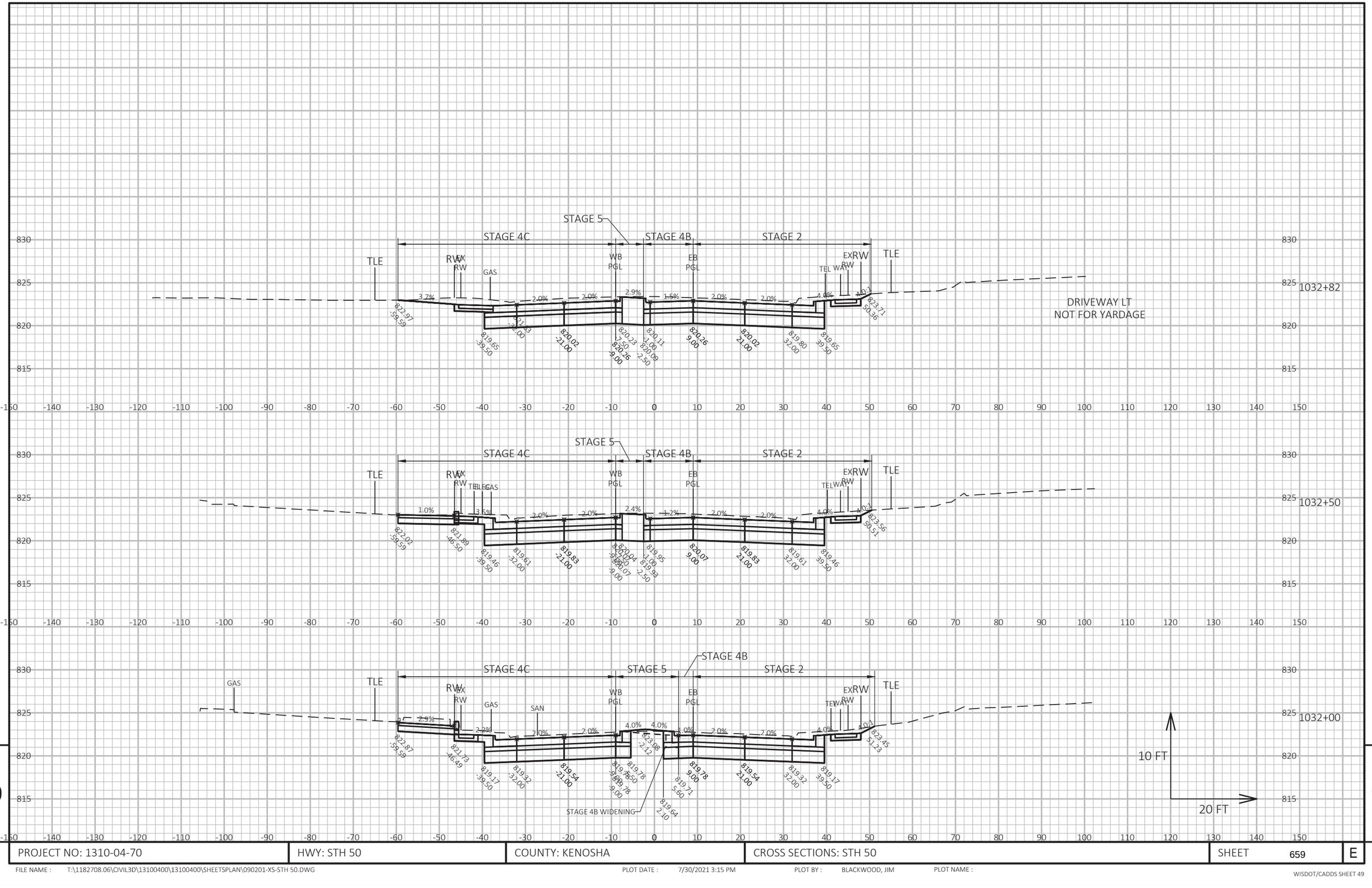
WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 658	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:14 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

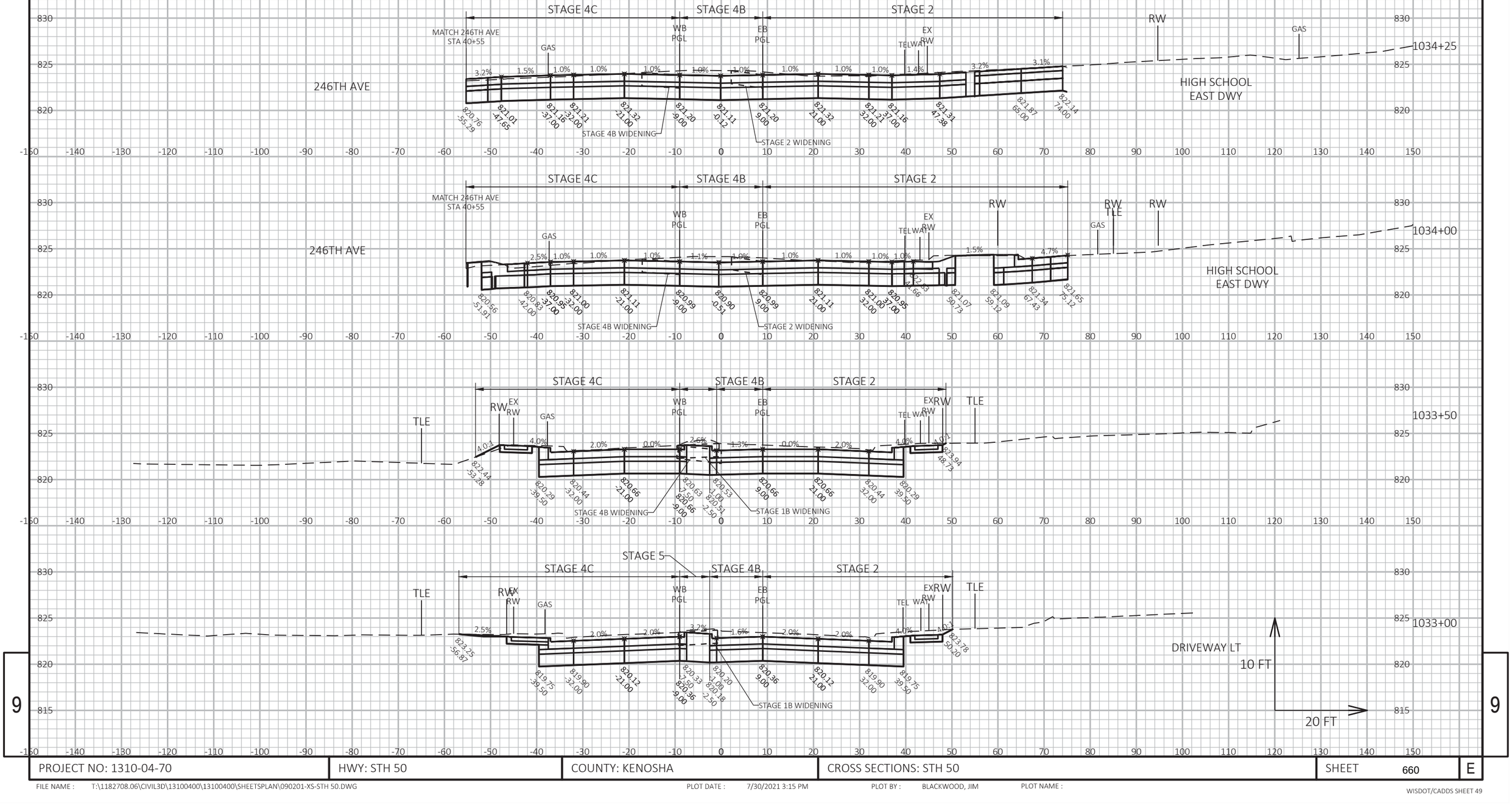


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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 659	E

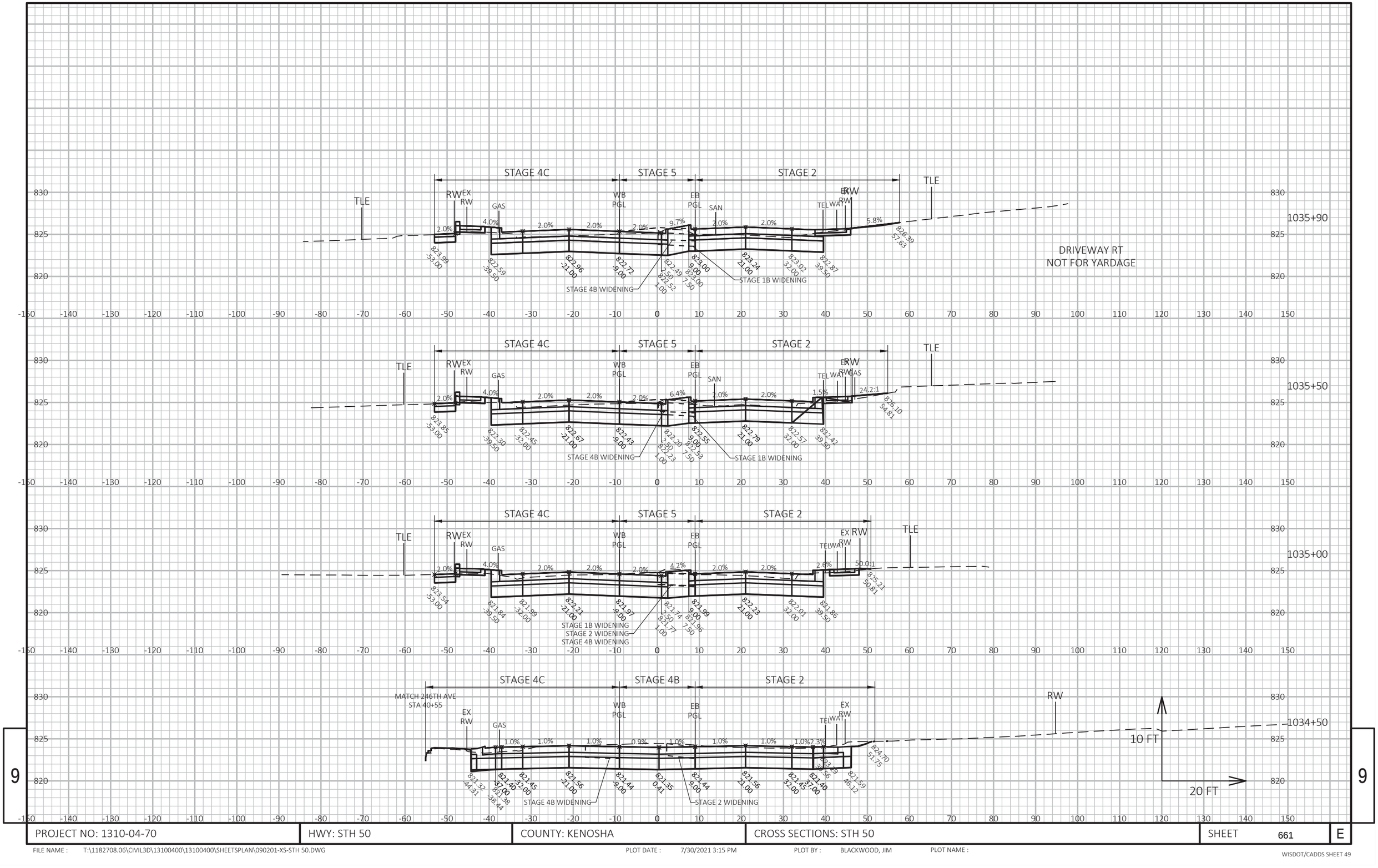
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 660	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:15 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



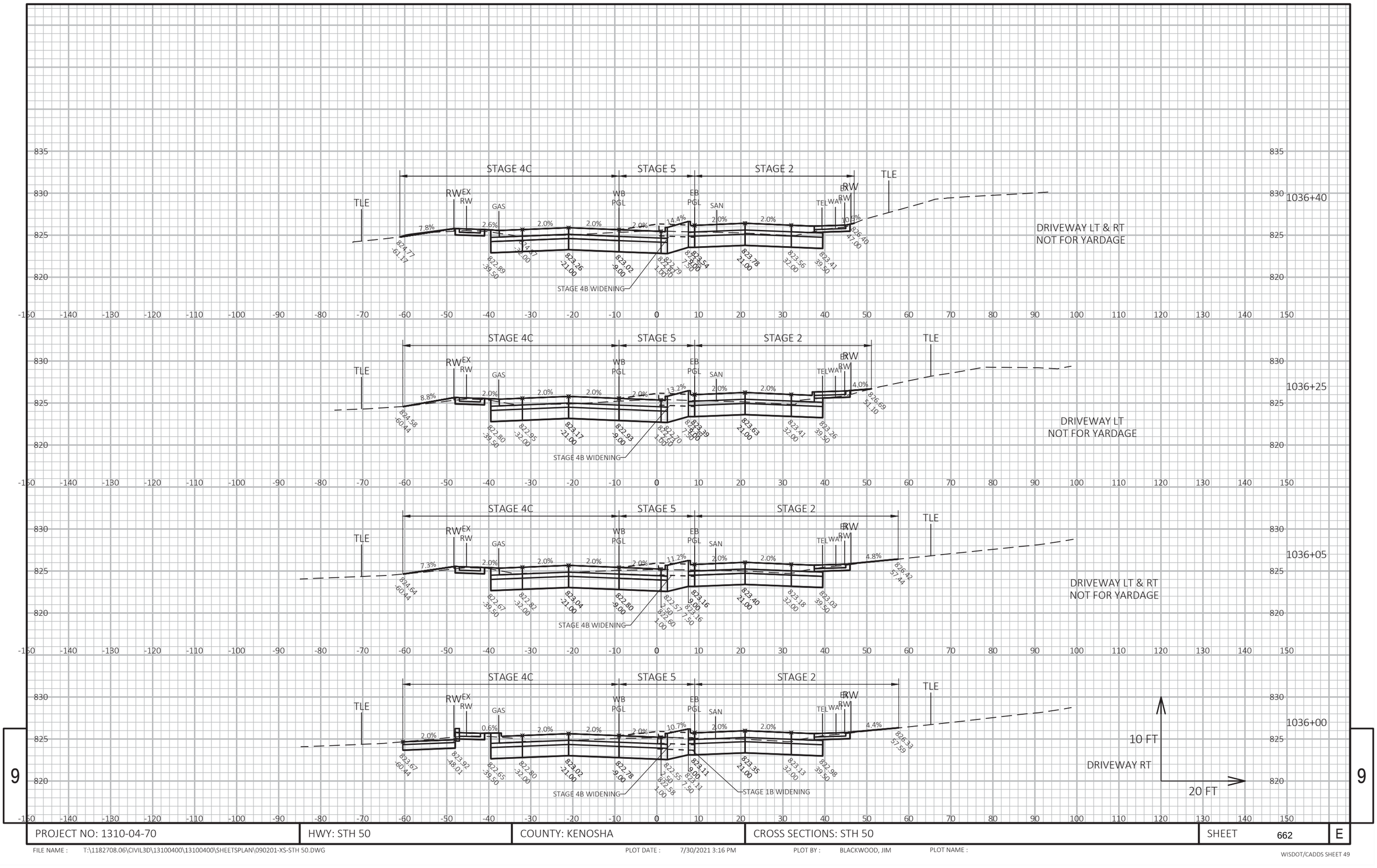
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 661	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:15 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



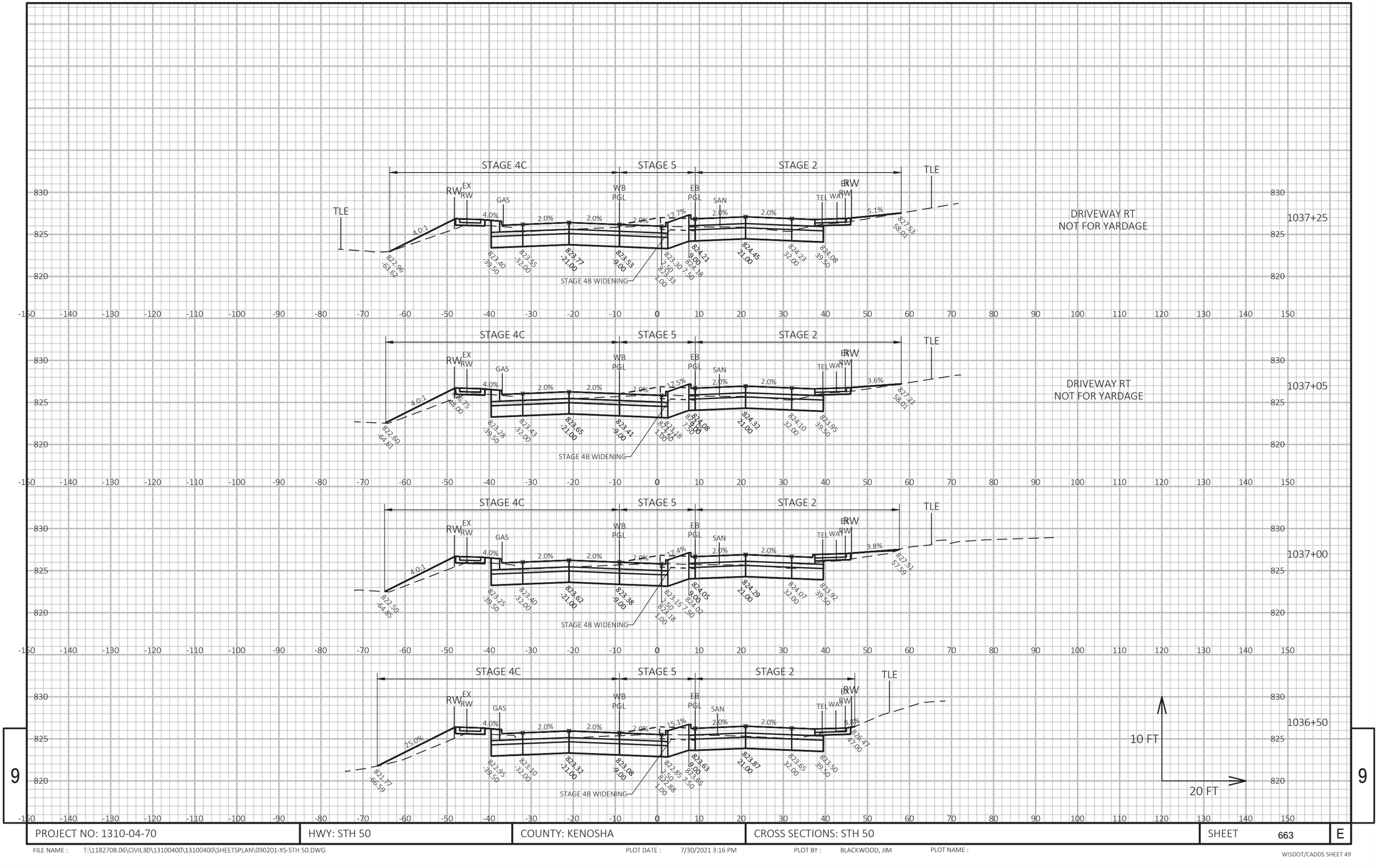
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 662	E

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WISDOT/CADDS SHEET 49



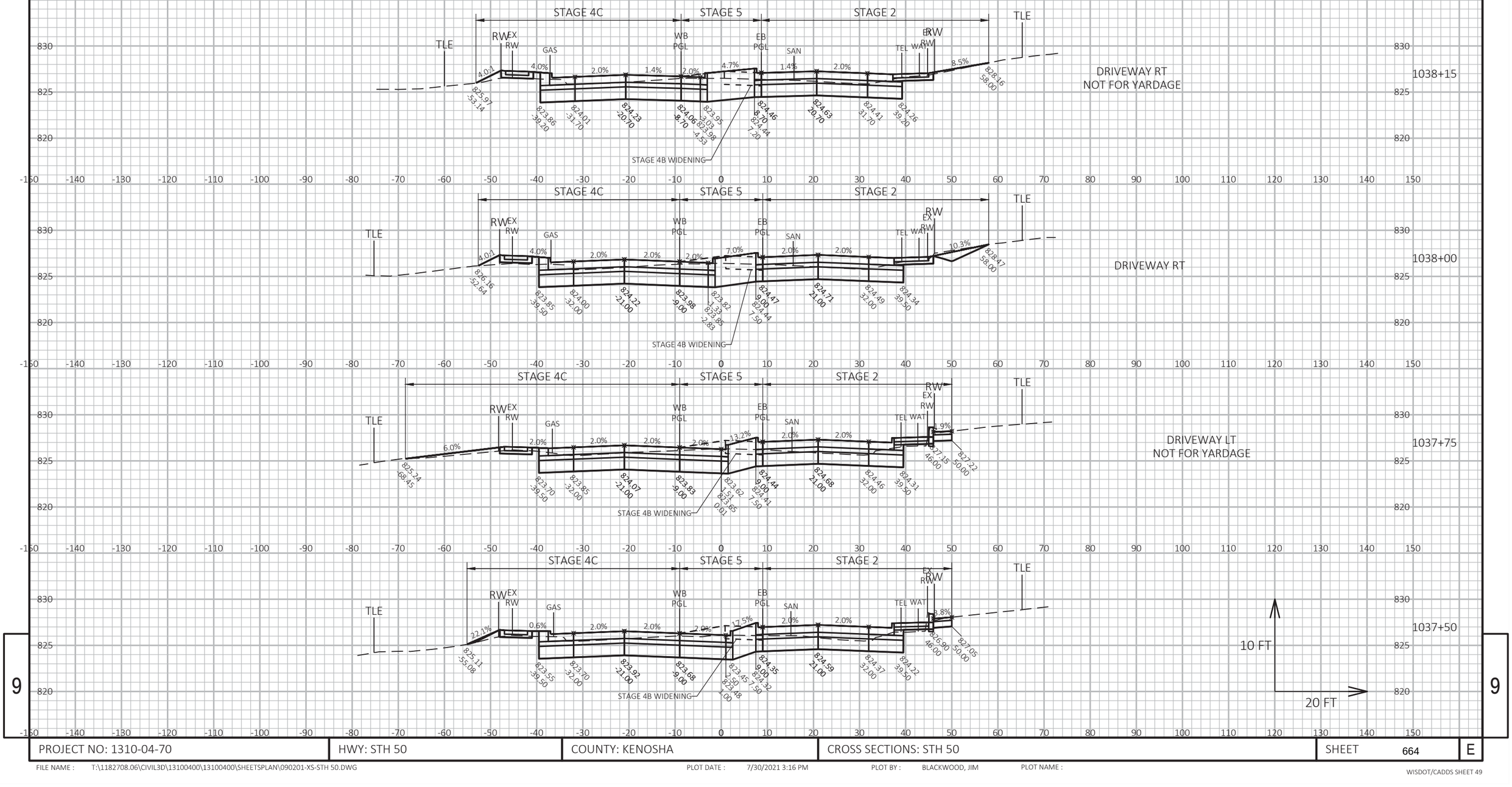
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 663	E

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WISDOT/CADDS SHEET 49

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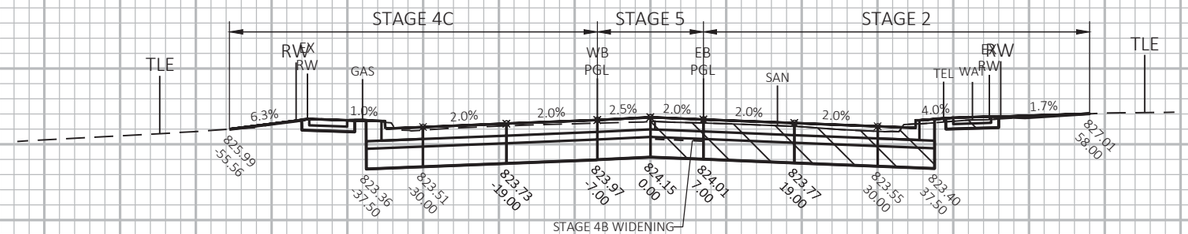


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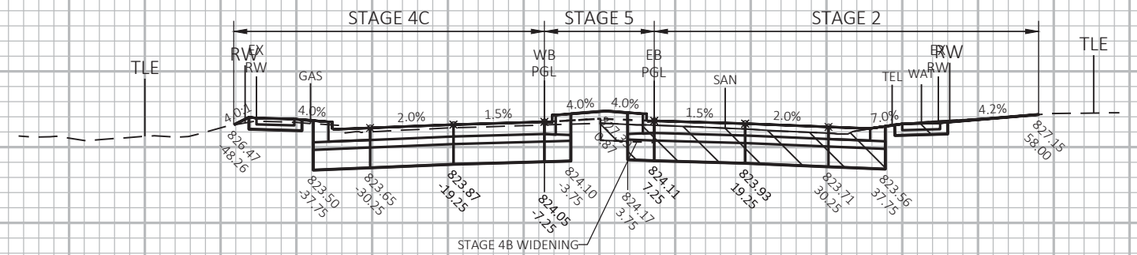
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WISDOT/CADDS SHEET 49

PETROLEUM CONTAMINATED SOIL

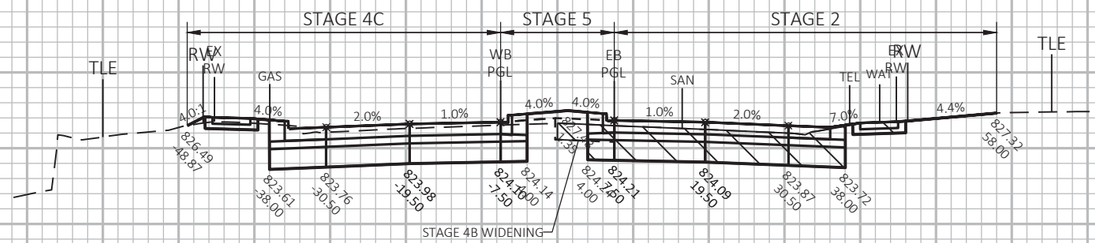


1039+00



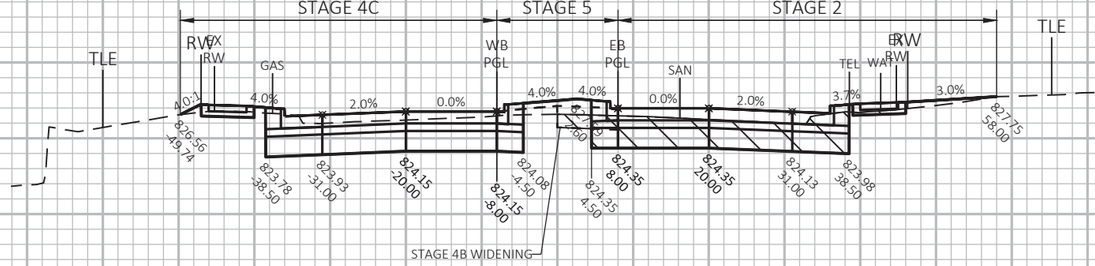
1038+88

DRIVEWAY RT
NOT FOR YARDAGE



1038+75

DRIVEWAY RT
NOT FOR YARDAGE



1038+50

10 FT
20 FT

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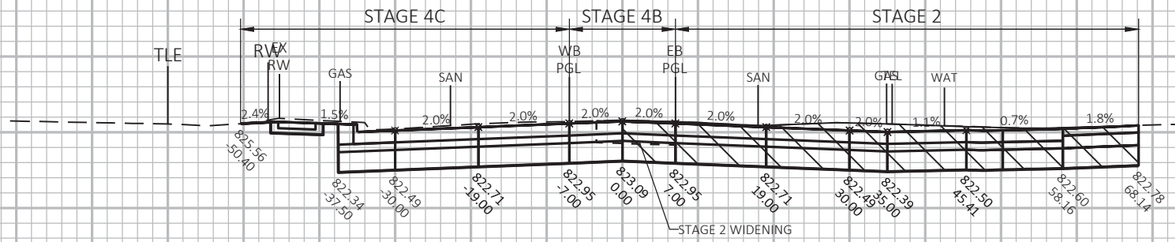
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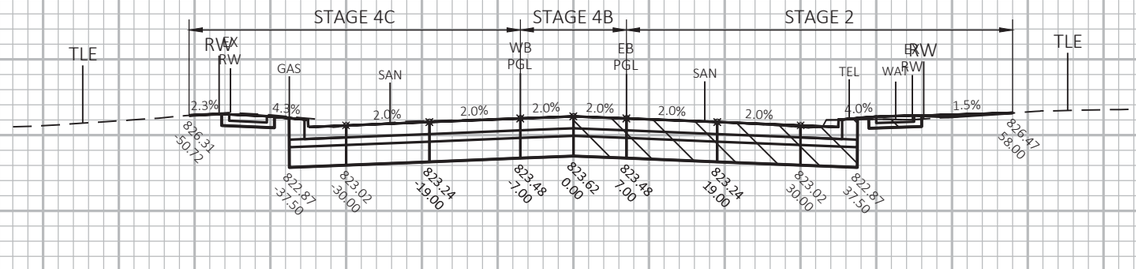
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 665	E

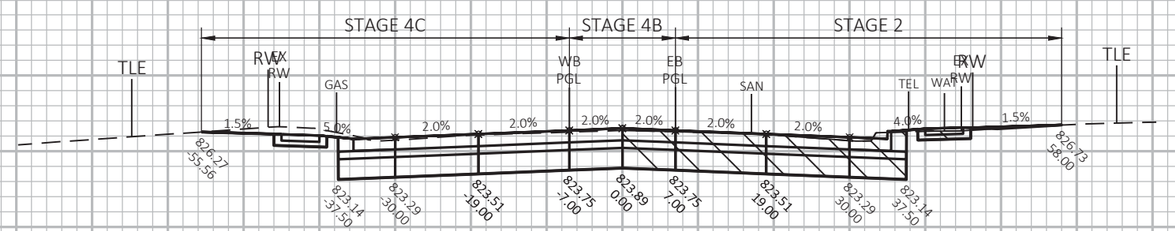
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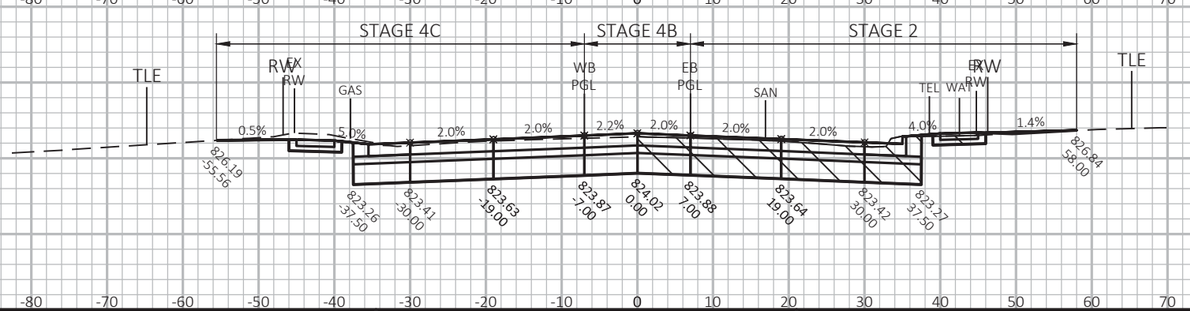
WISDOT/CADDS SHEET 49

PETROLEUM CONTAMINATED SOIL









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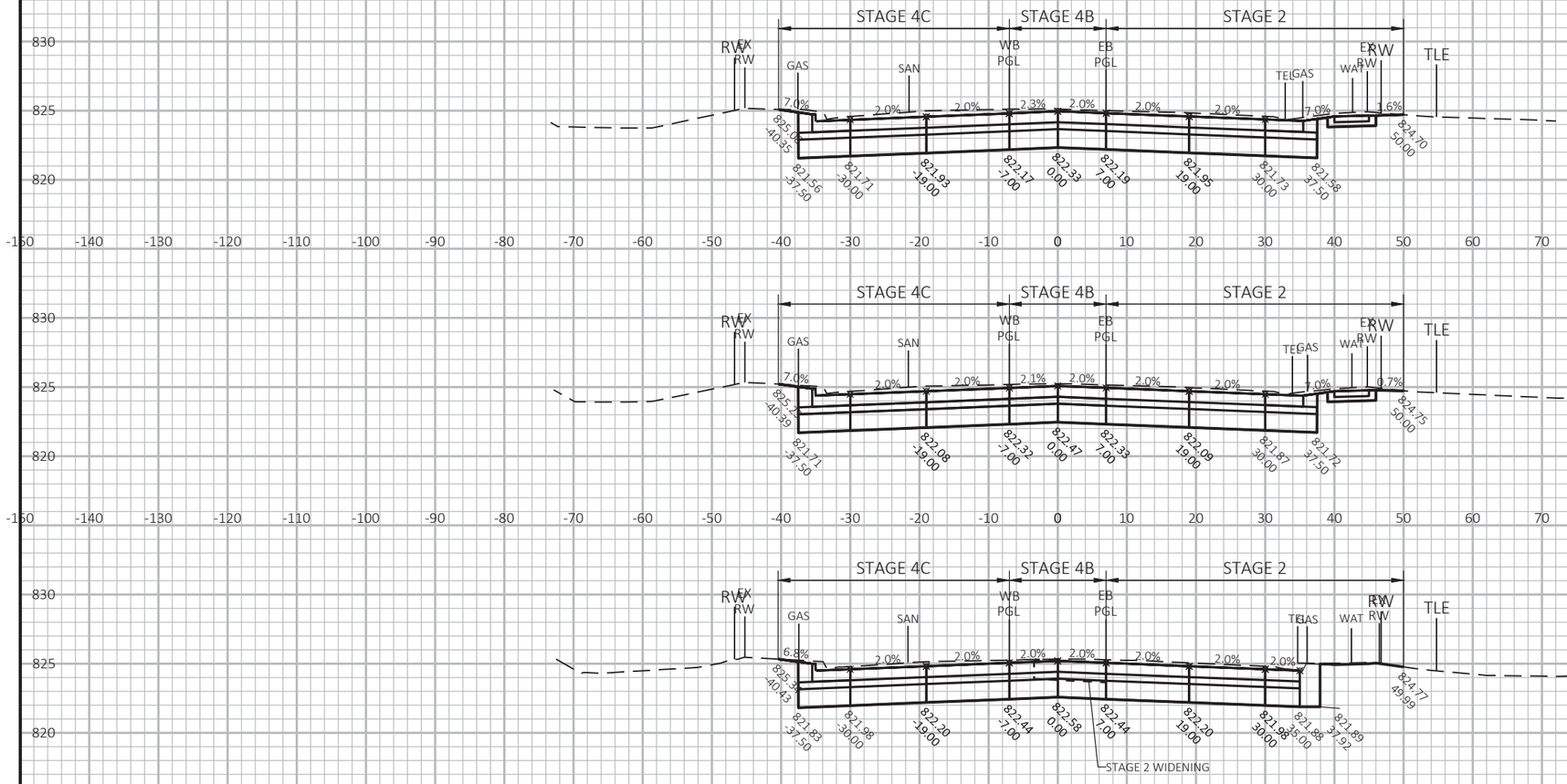
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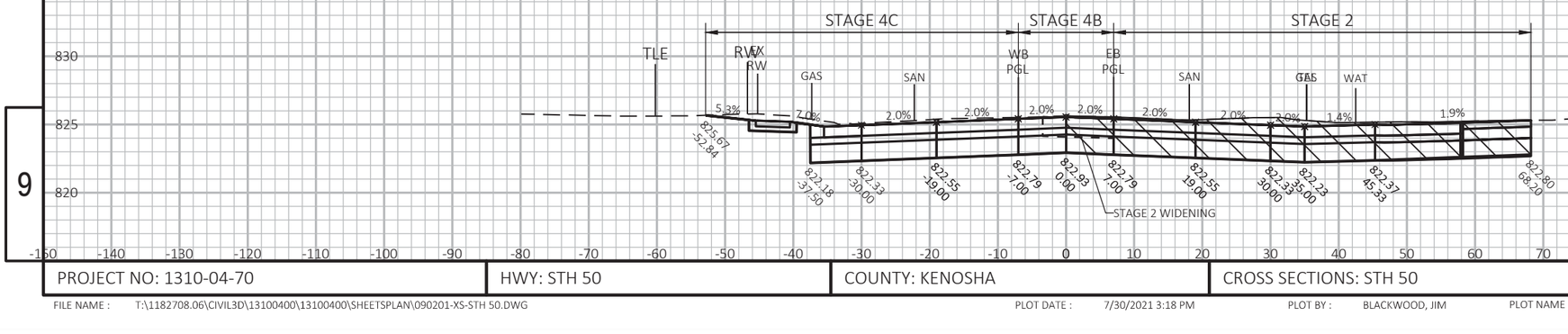
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 666	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:17 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

PETROLEUM CONTAMINATED SOIL





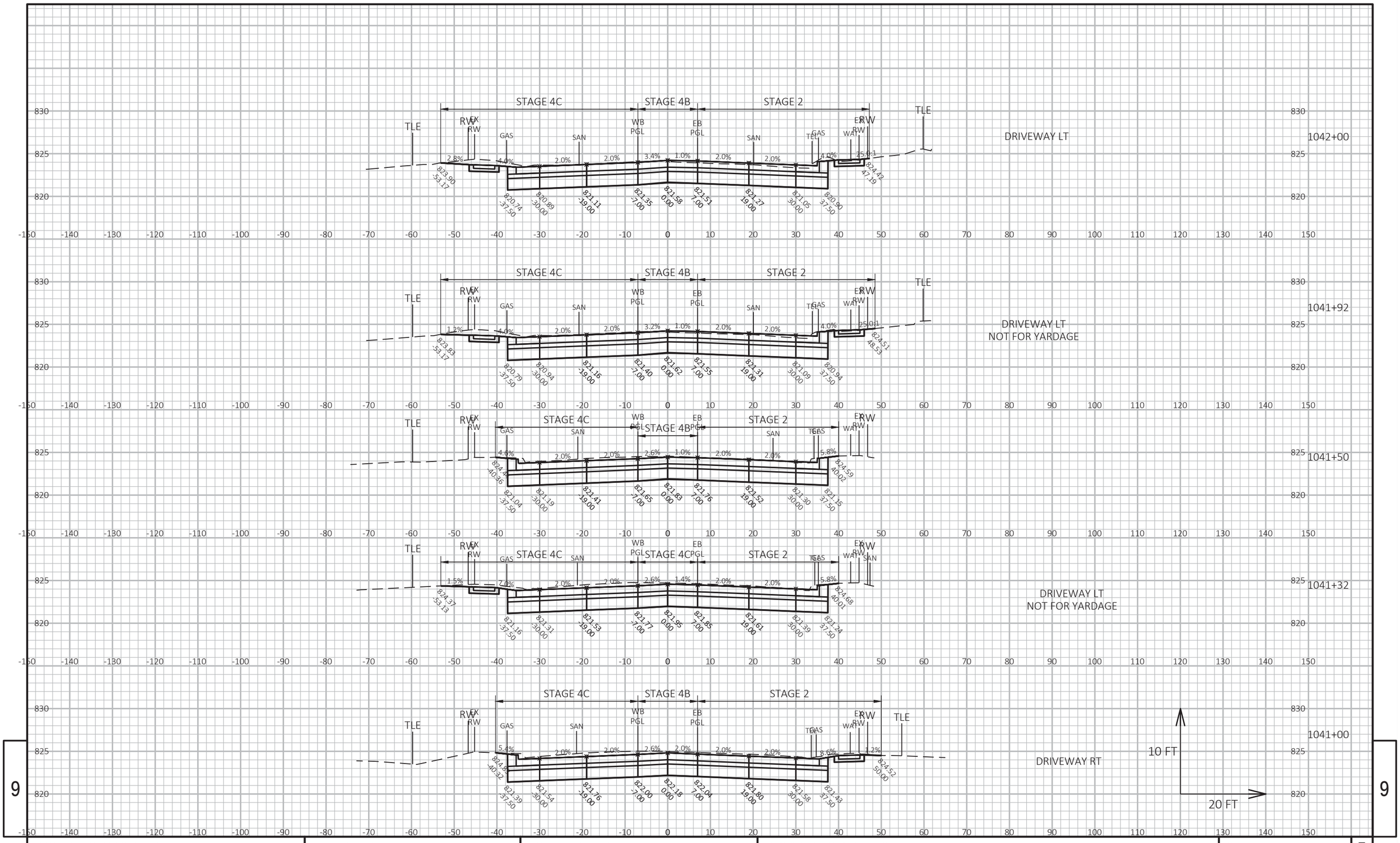
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 667	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:18 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



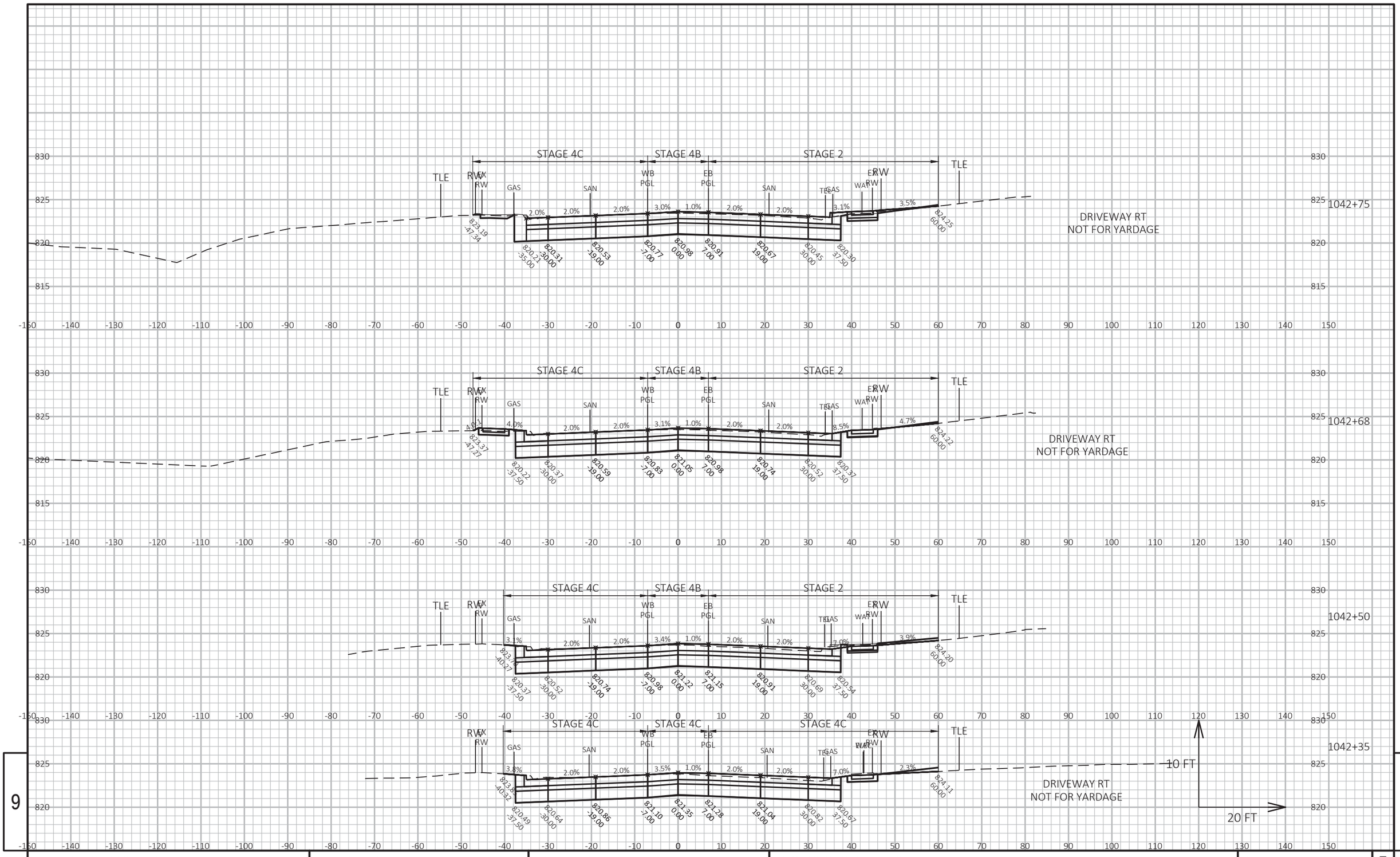
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 668	E

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WISDOT/CADDS SHEET 49



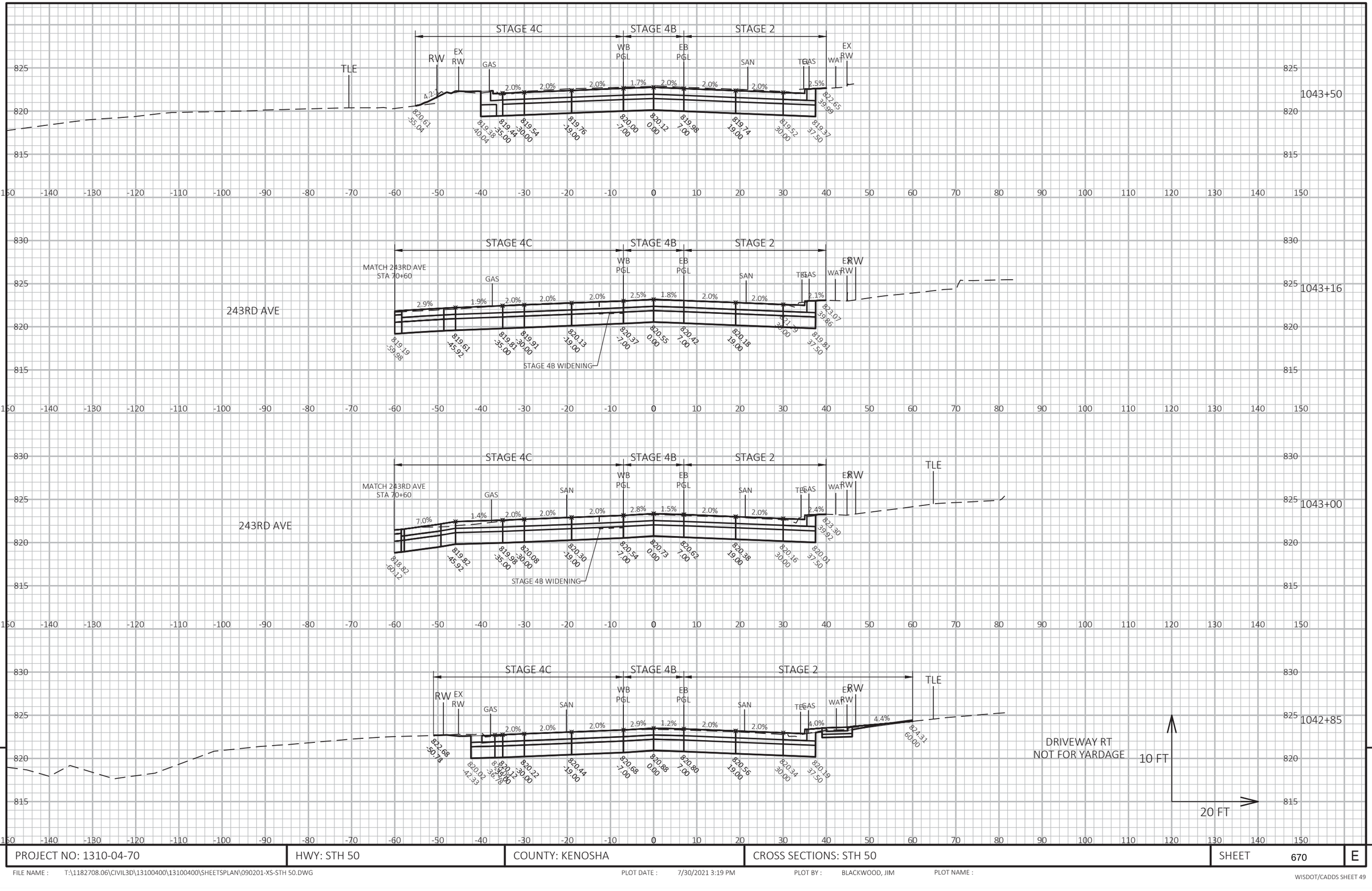
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 669	E

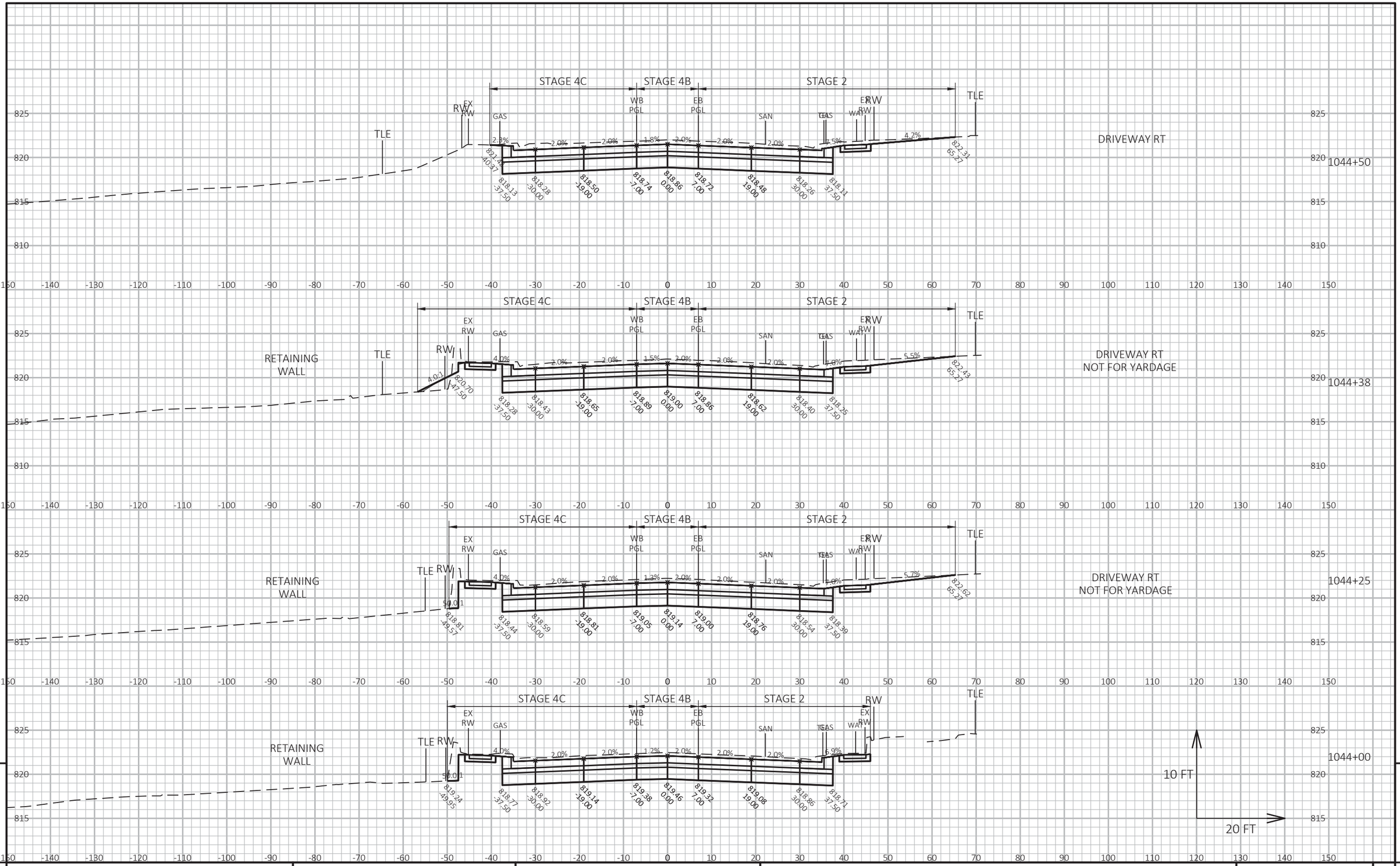
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WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 670 E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:19 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :



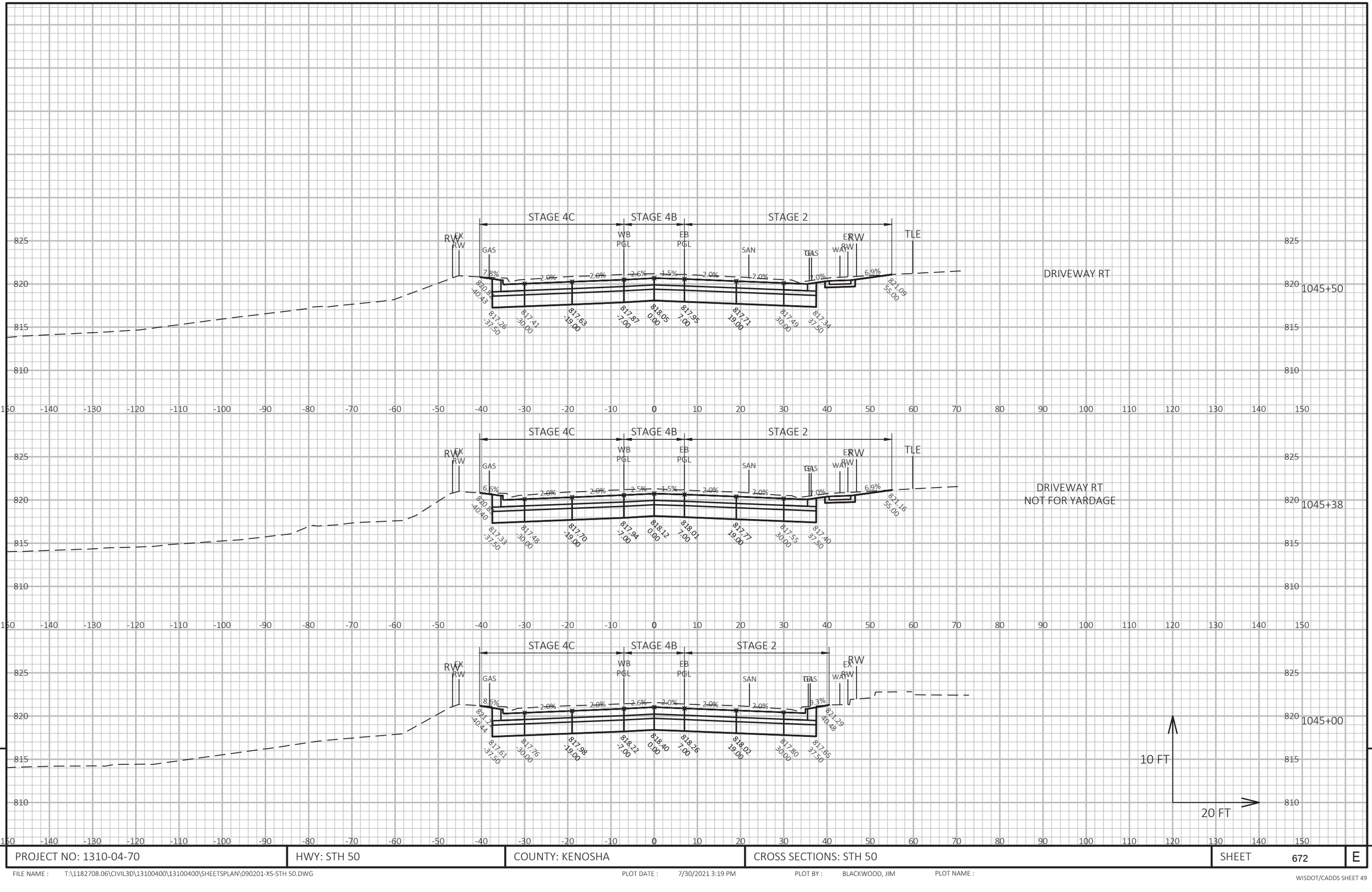
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 671	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:19 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 672	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:19 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

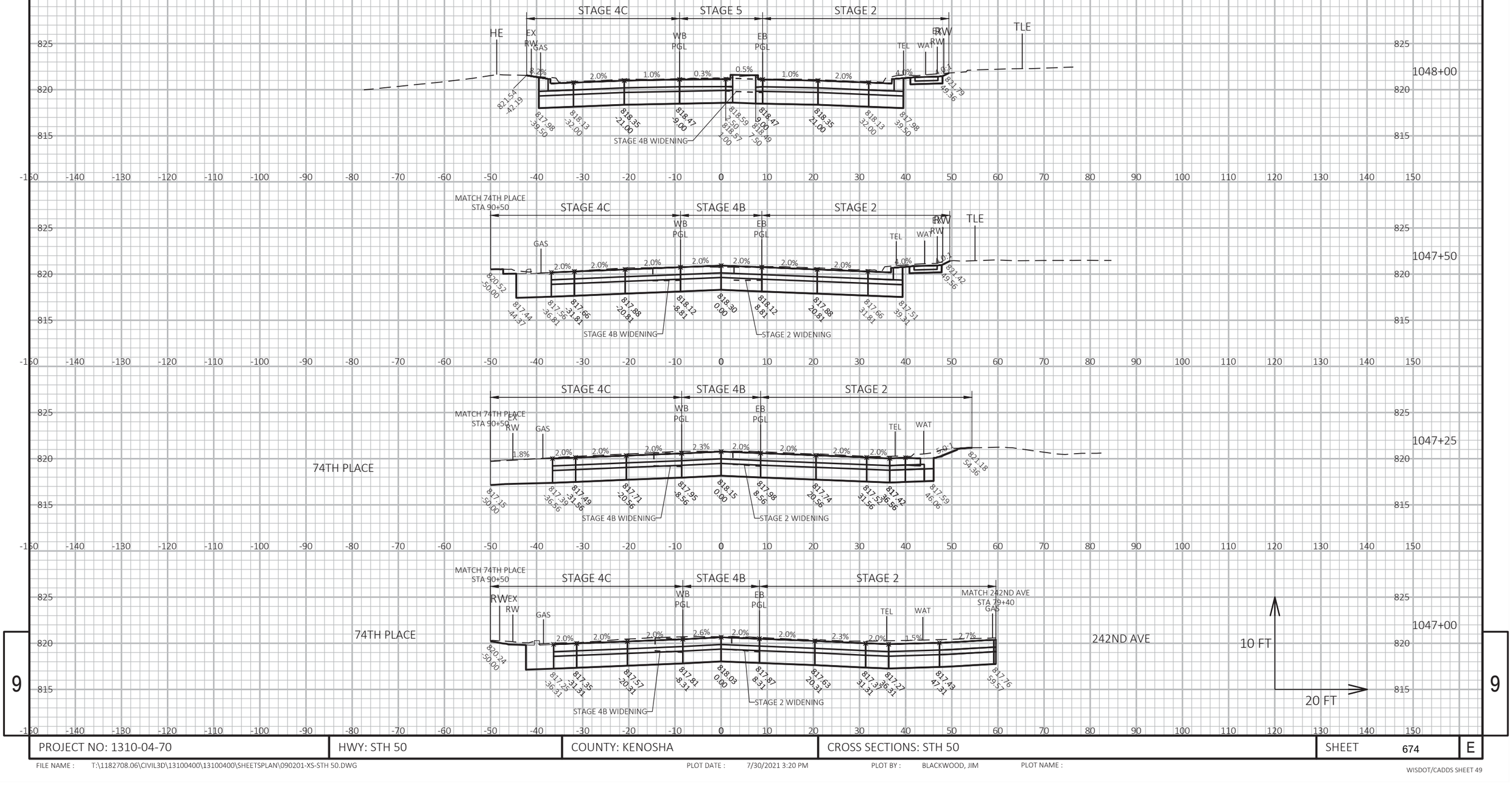
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 673	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:20 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

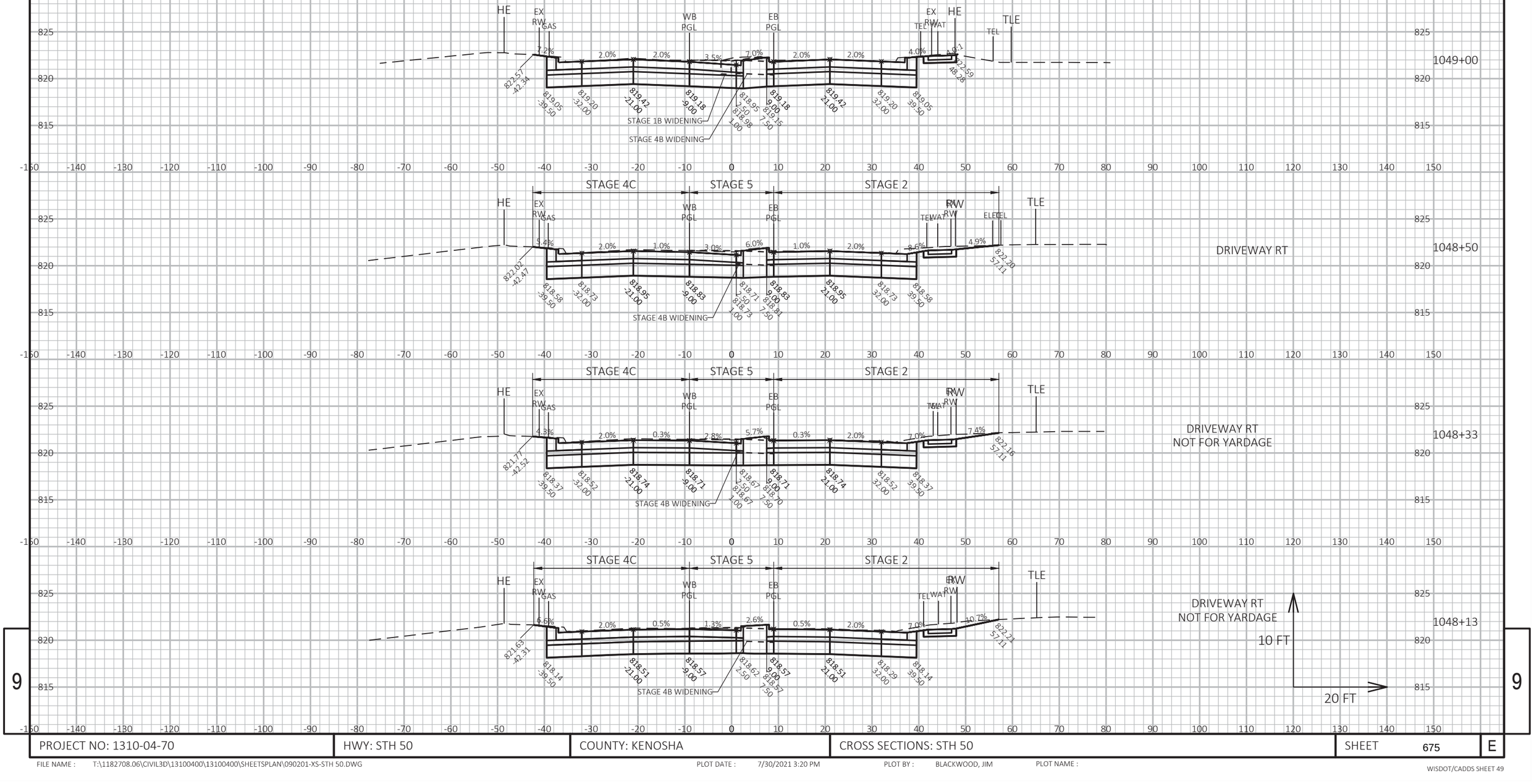
WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 674	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:20 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

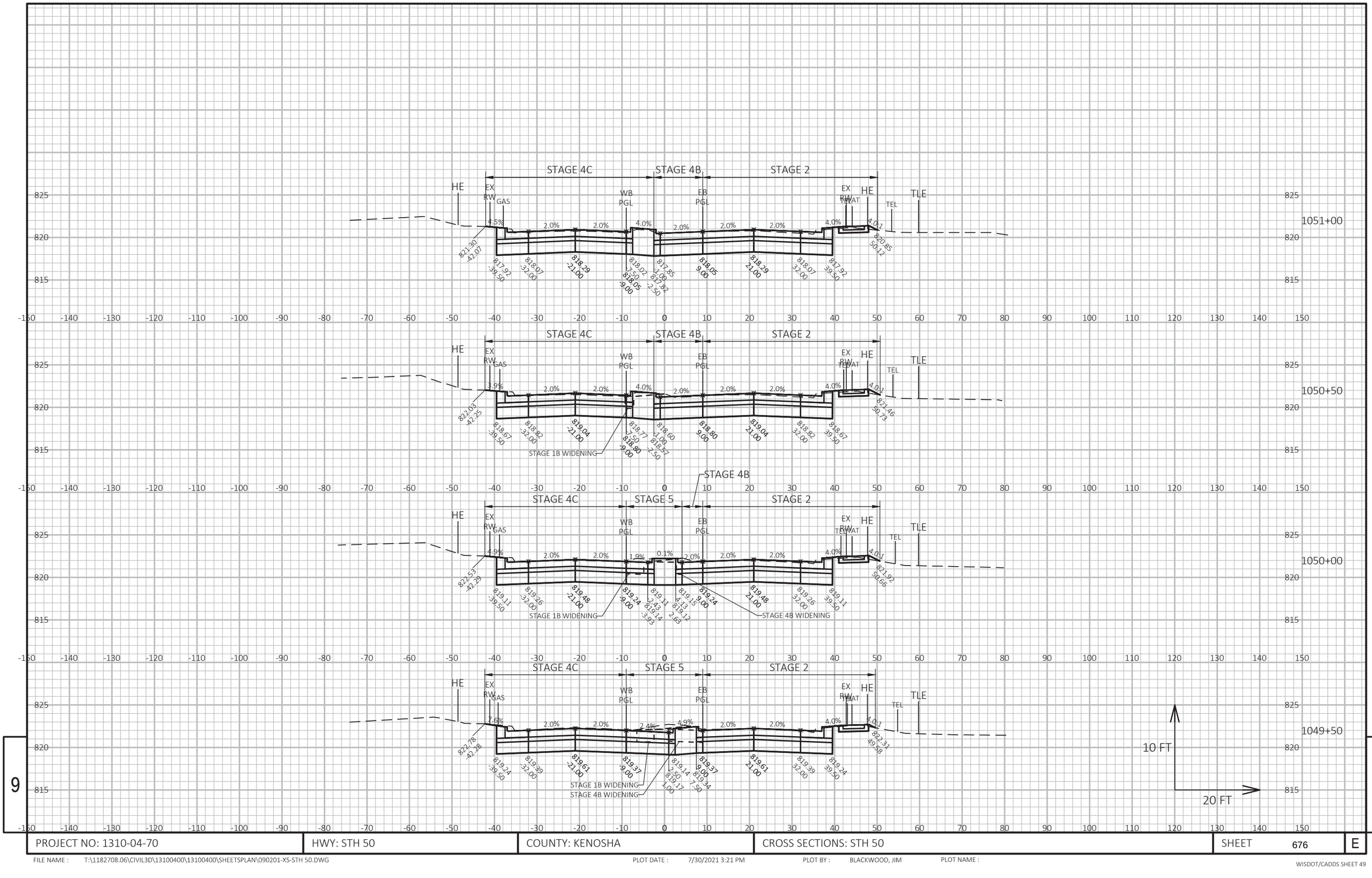
WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 675	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:20 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

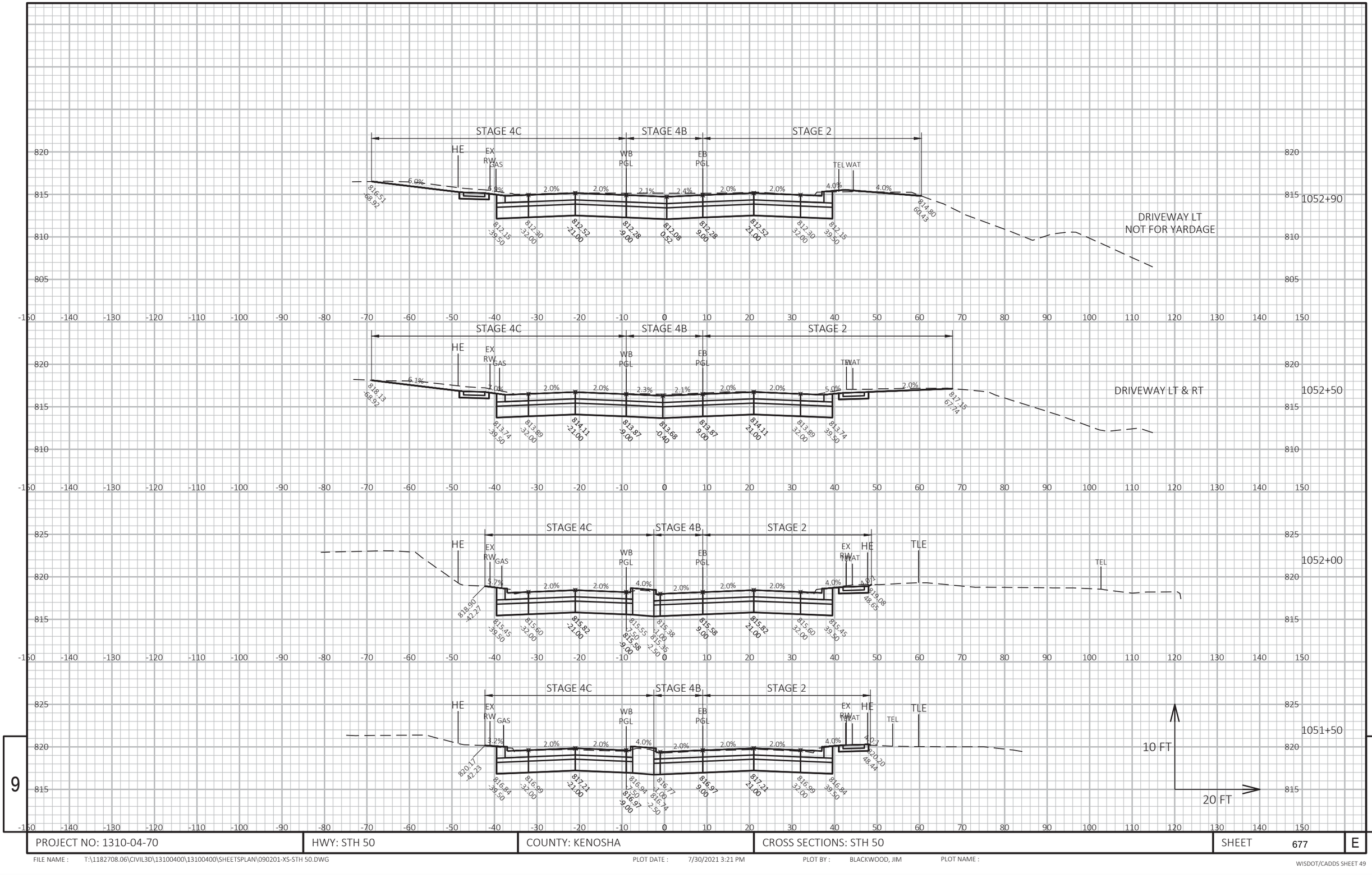
WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 676	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:21 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

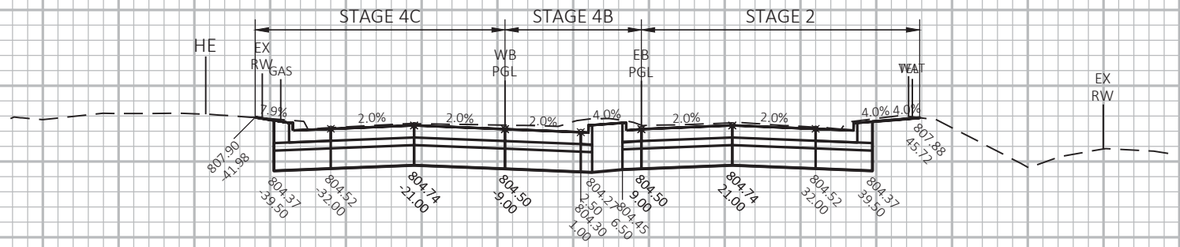
WISDOT/CADDS SHEET 49

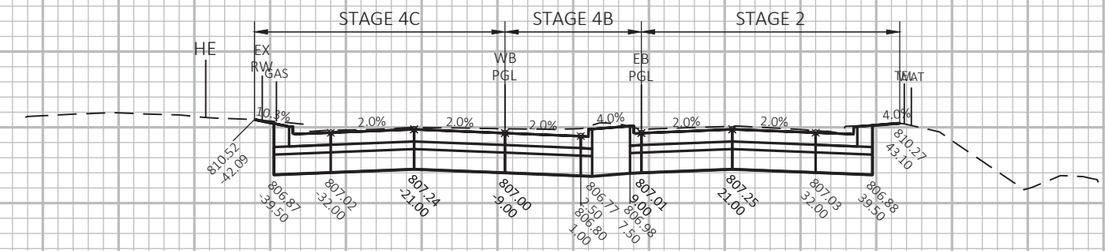


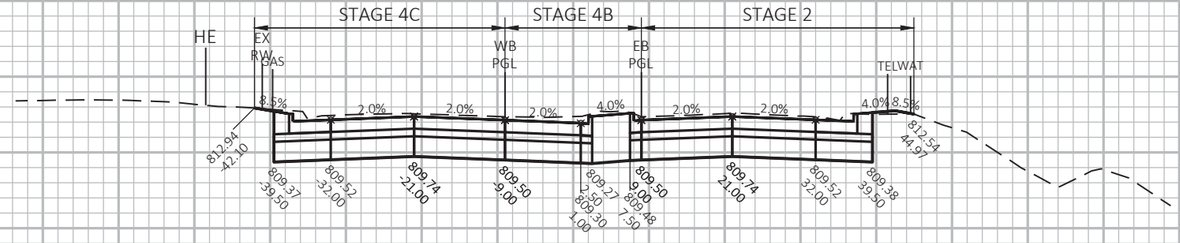
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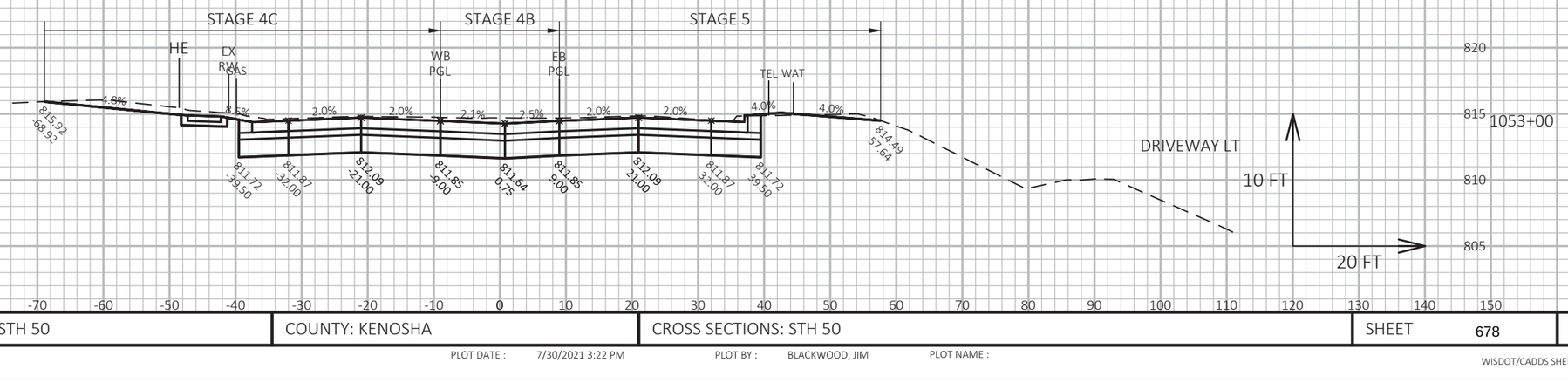
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WISDOT/CADDS SHEET 49





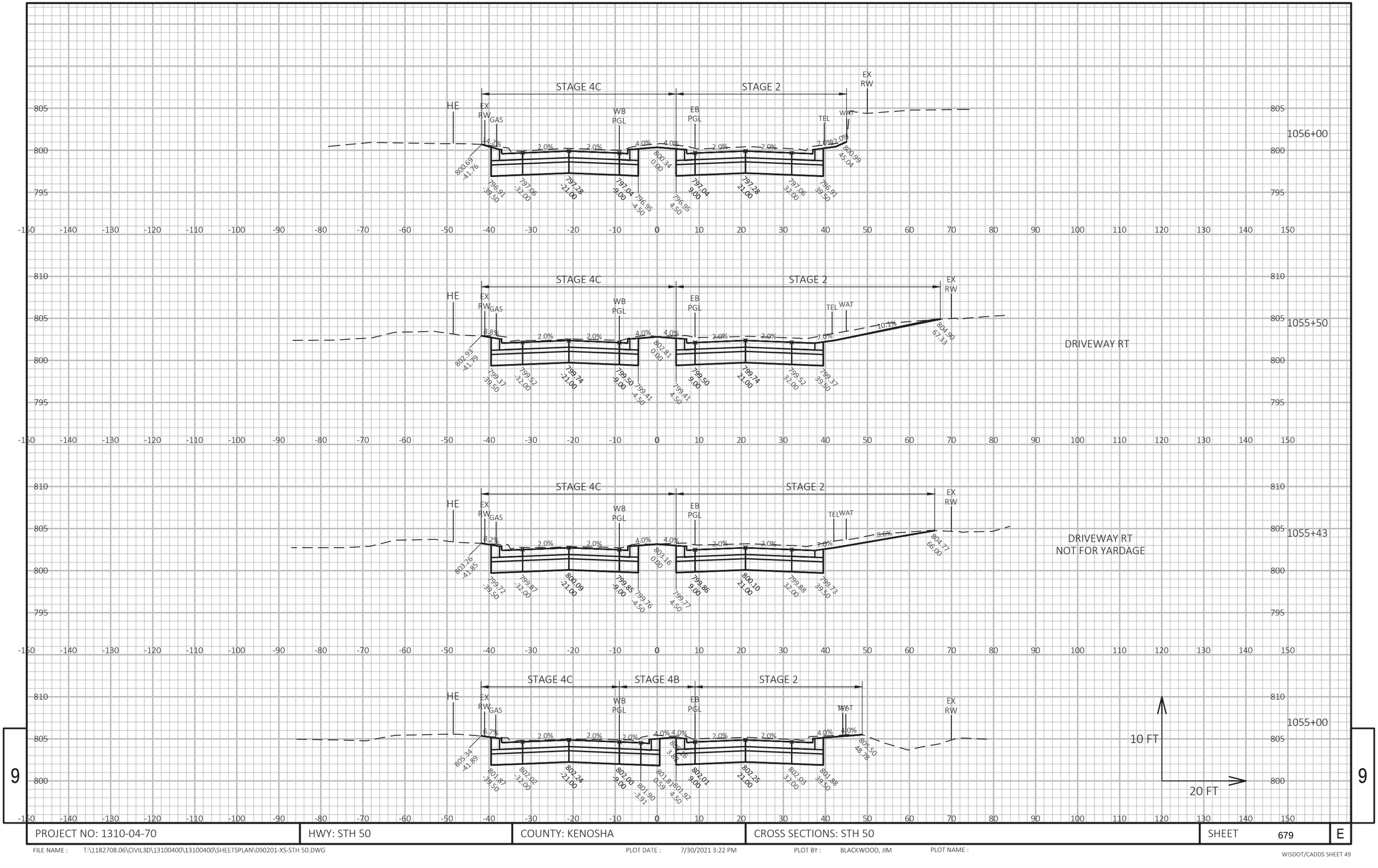




PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 678	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:22 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

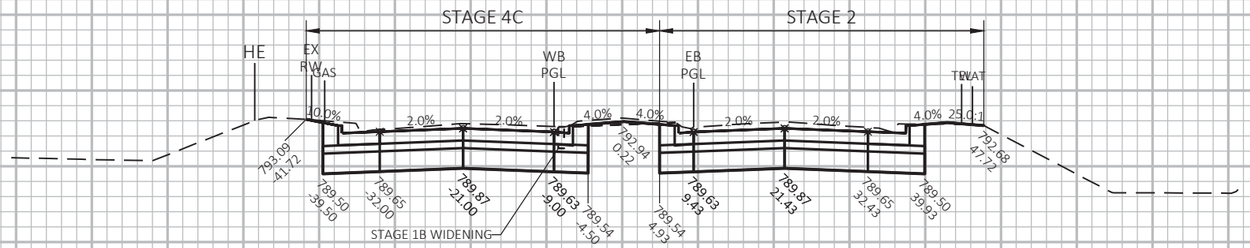
WISDOT/CADDS SHEET 49



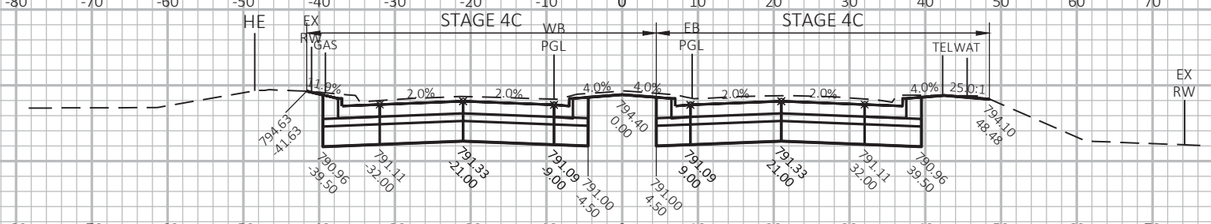
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 679 E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:22 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

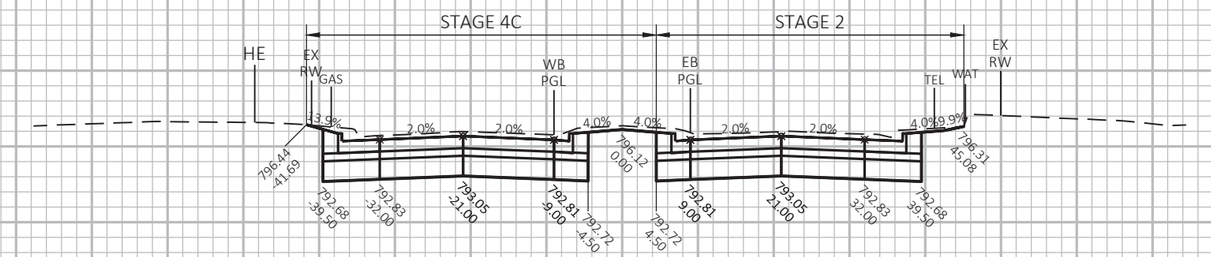
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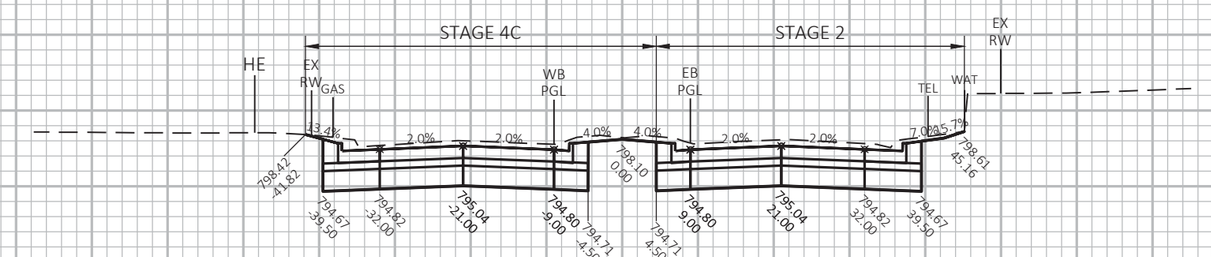
1058+00



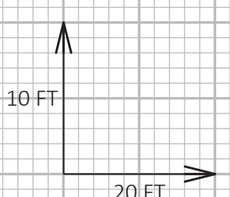
1057+50



1057+00



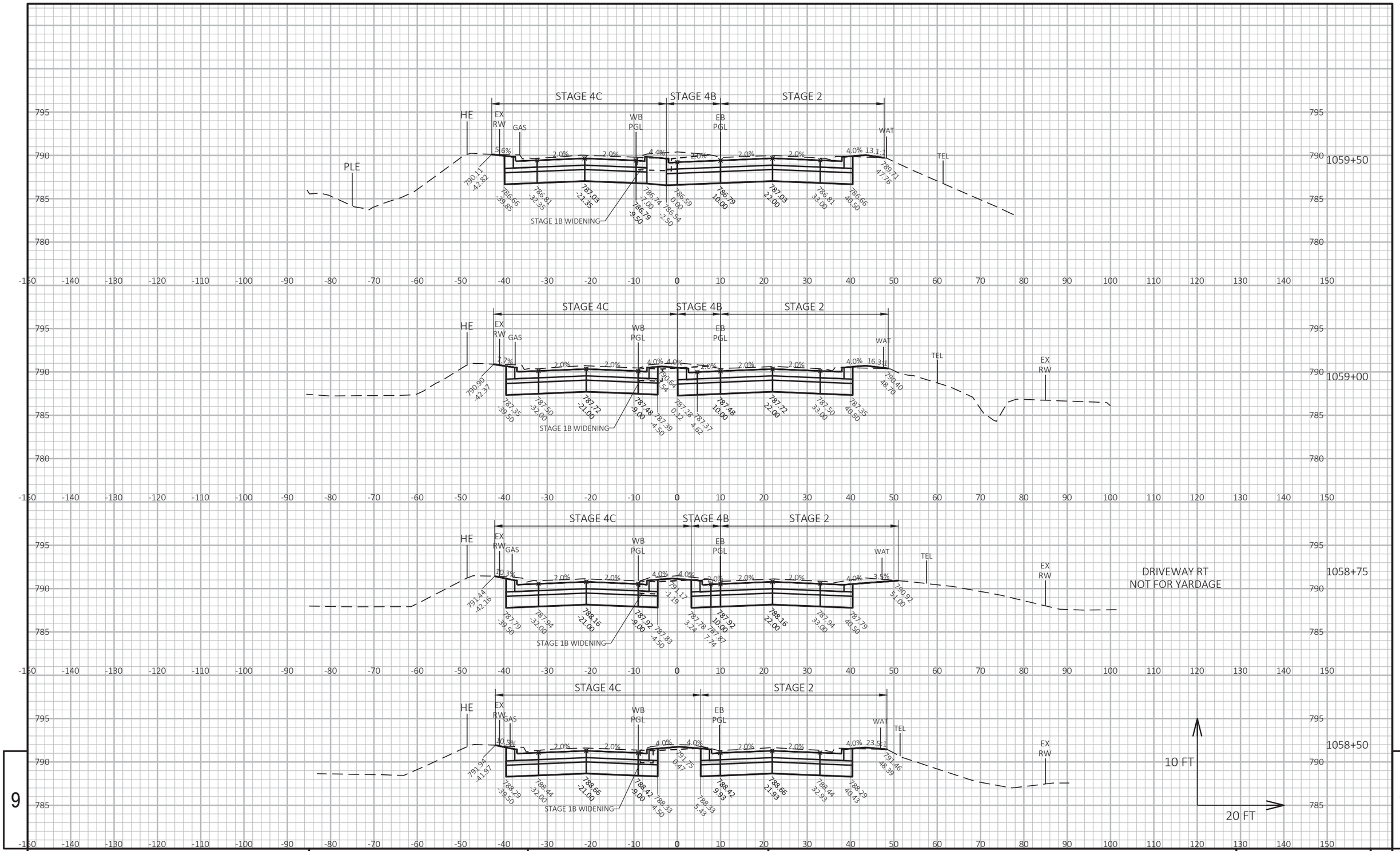
1056+50



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 680 E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:22 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



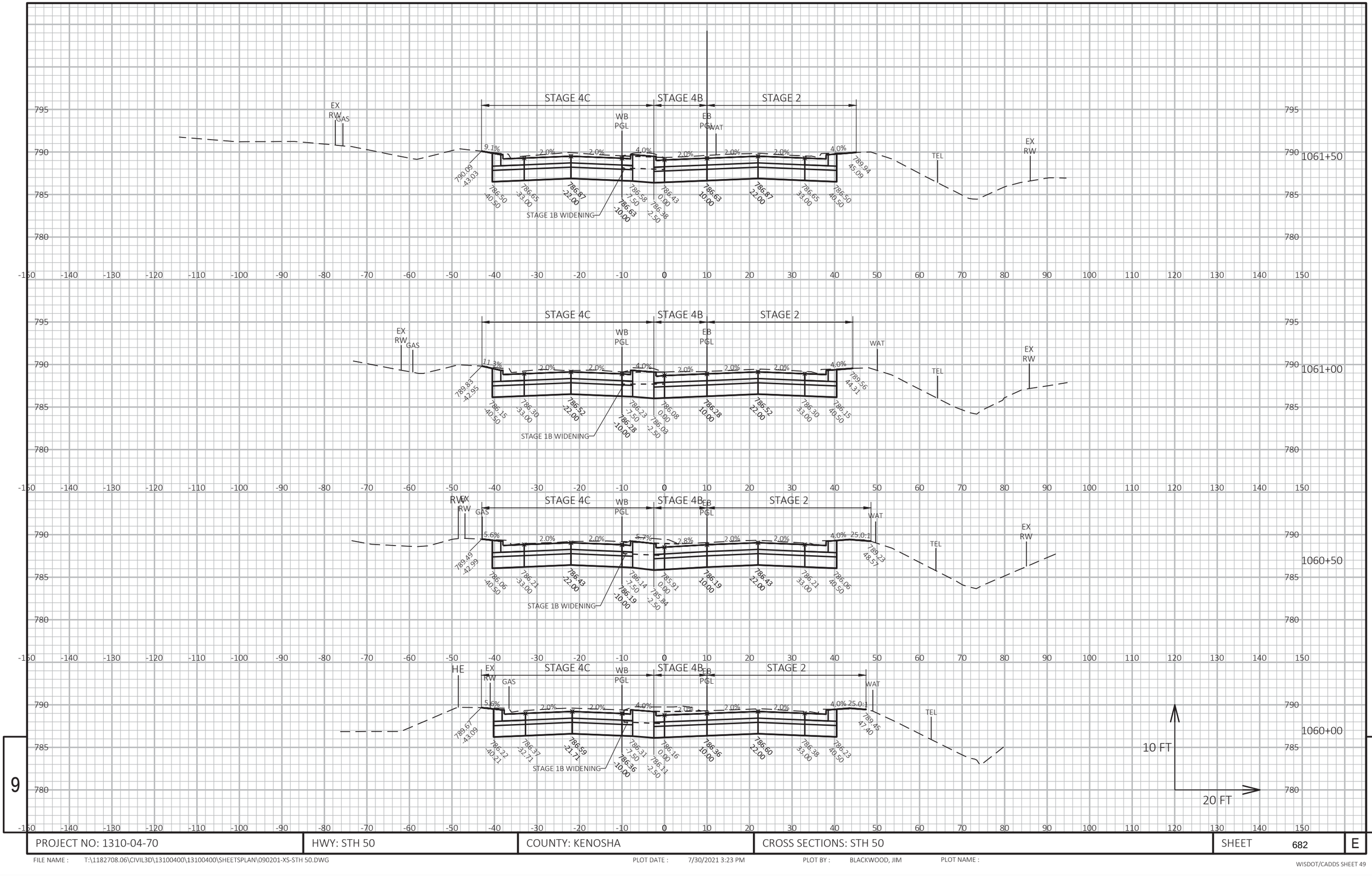
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 681	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:23 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

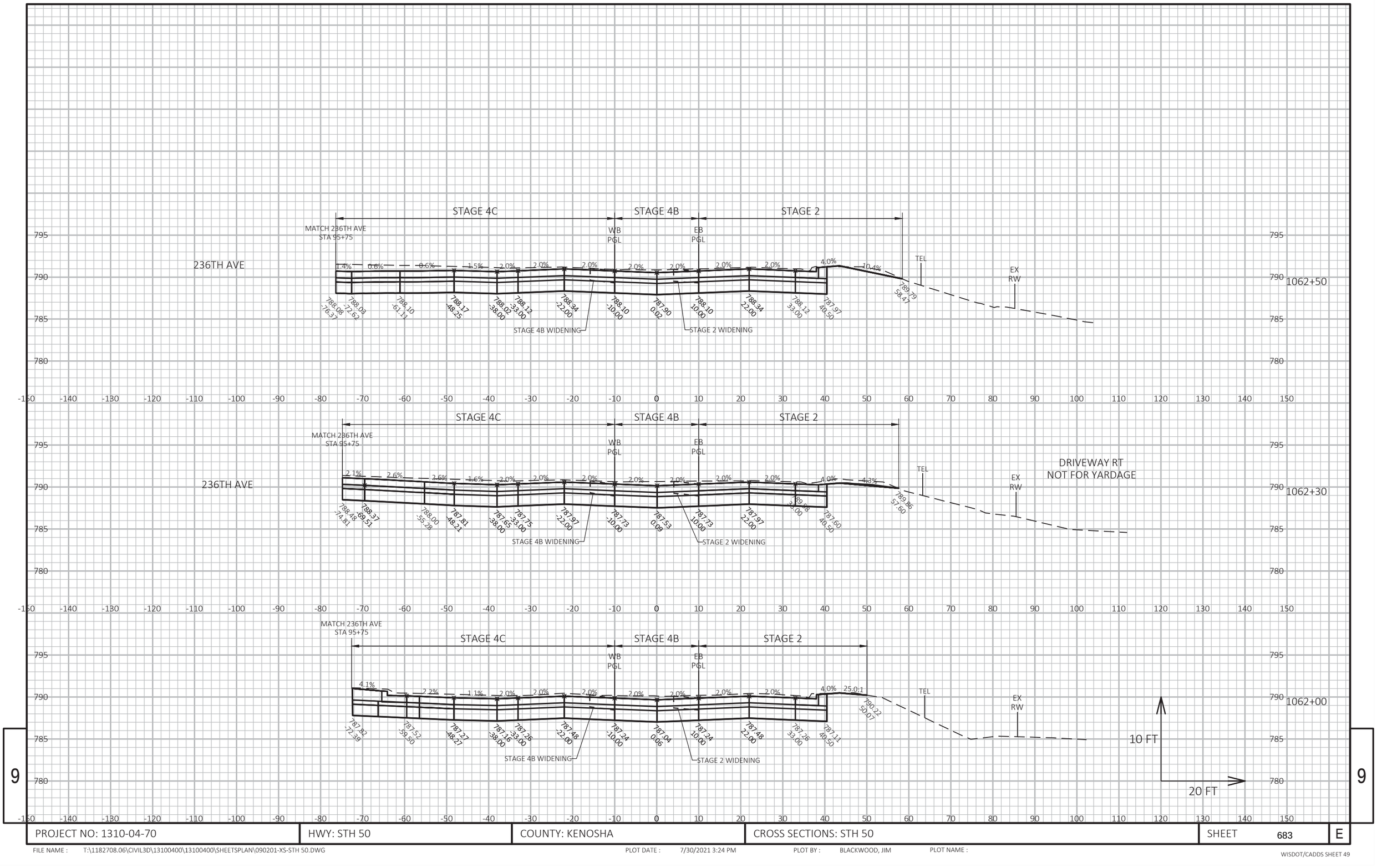
WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 682	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:23 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 683	E

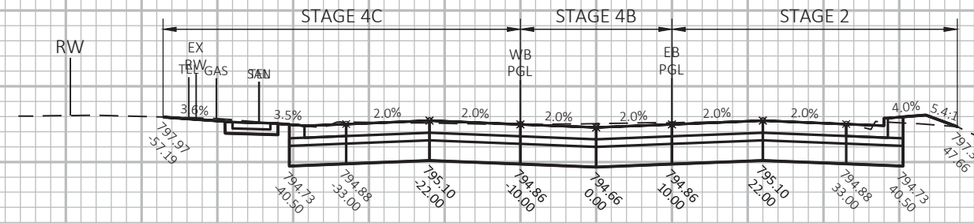
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WISDOT/CADDS SHEET 49

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 684	E

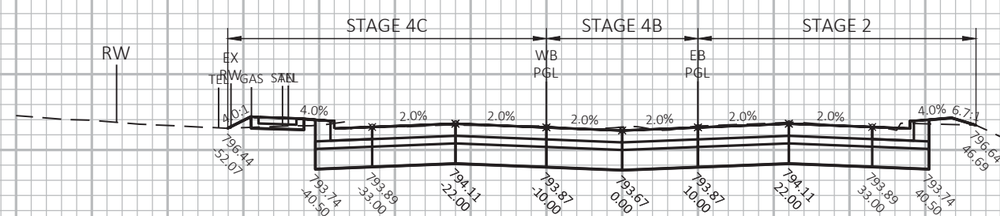
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WISDOT/CADDS SHEET 49



DRIVEWAY LT
NOT FOR YARDAGE

1064+80



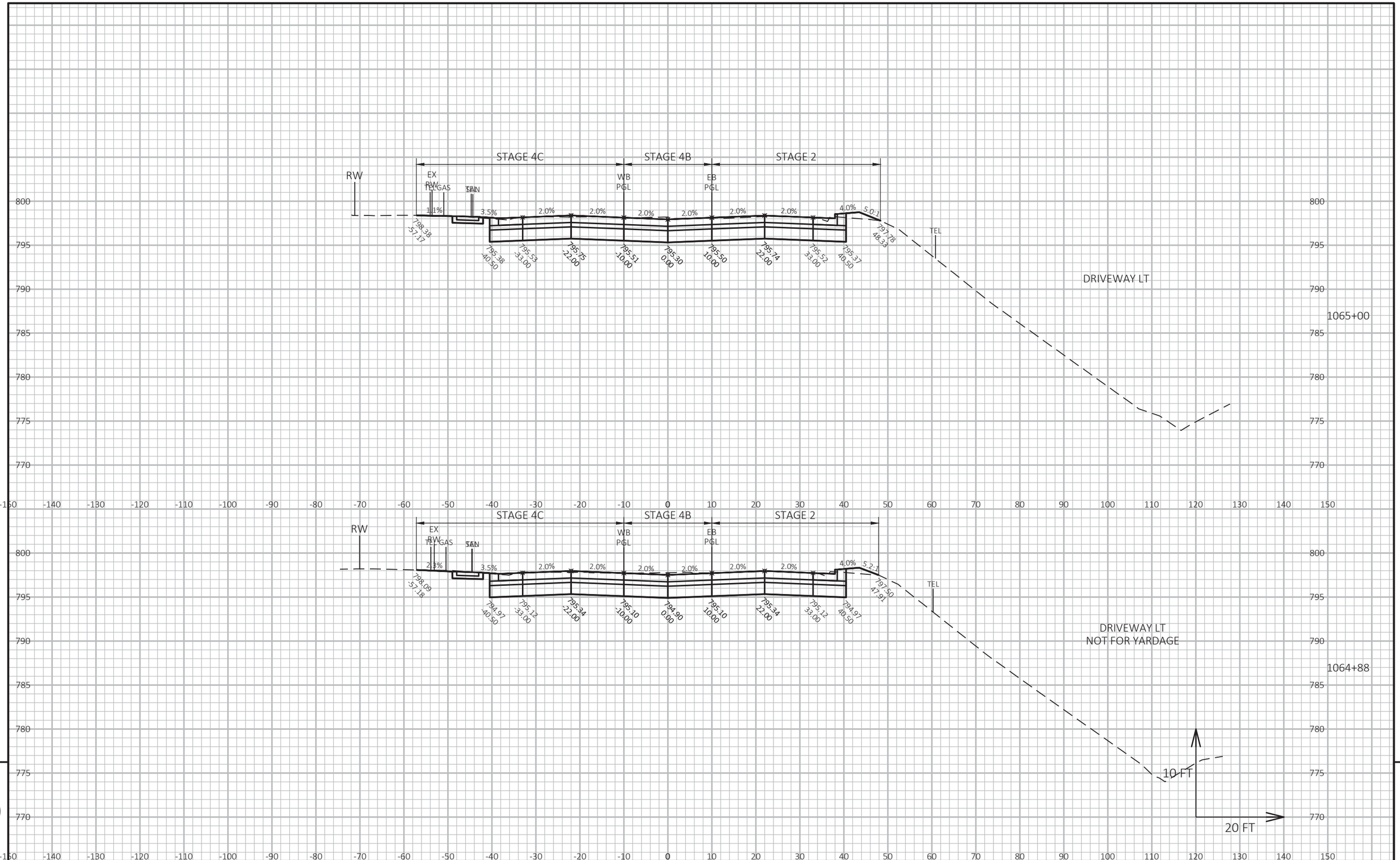
1064+50

10 FT
20 FT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 685	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:24 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

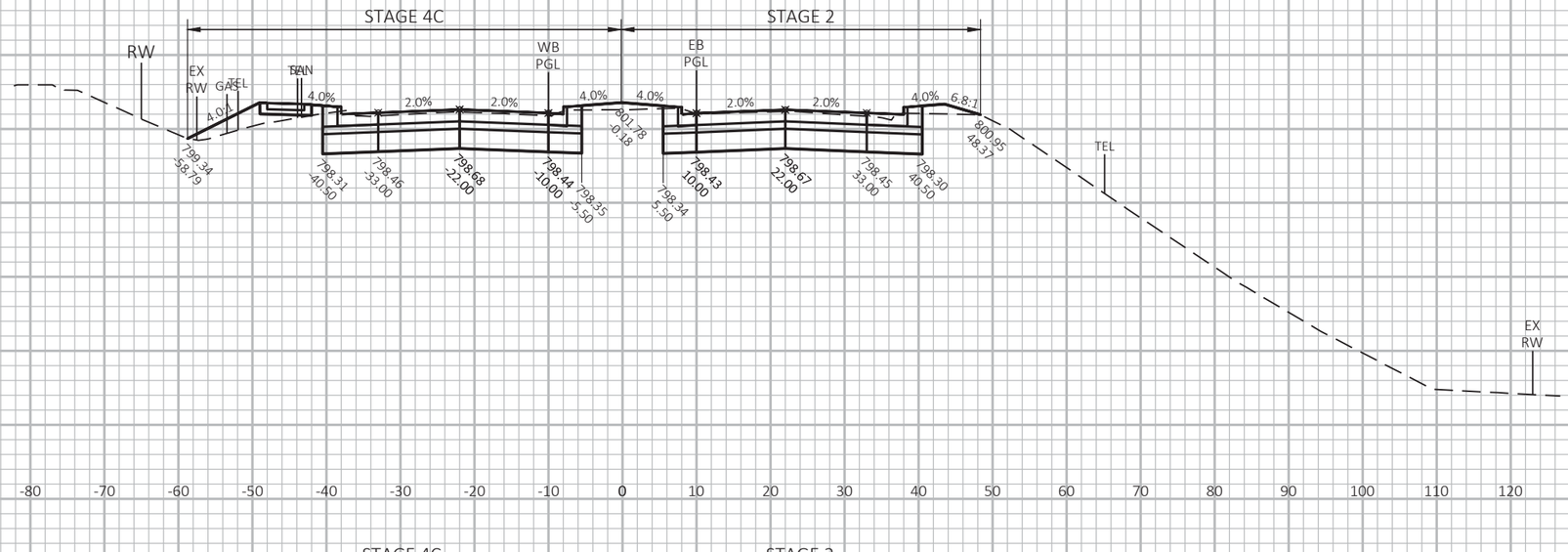


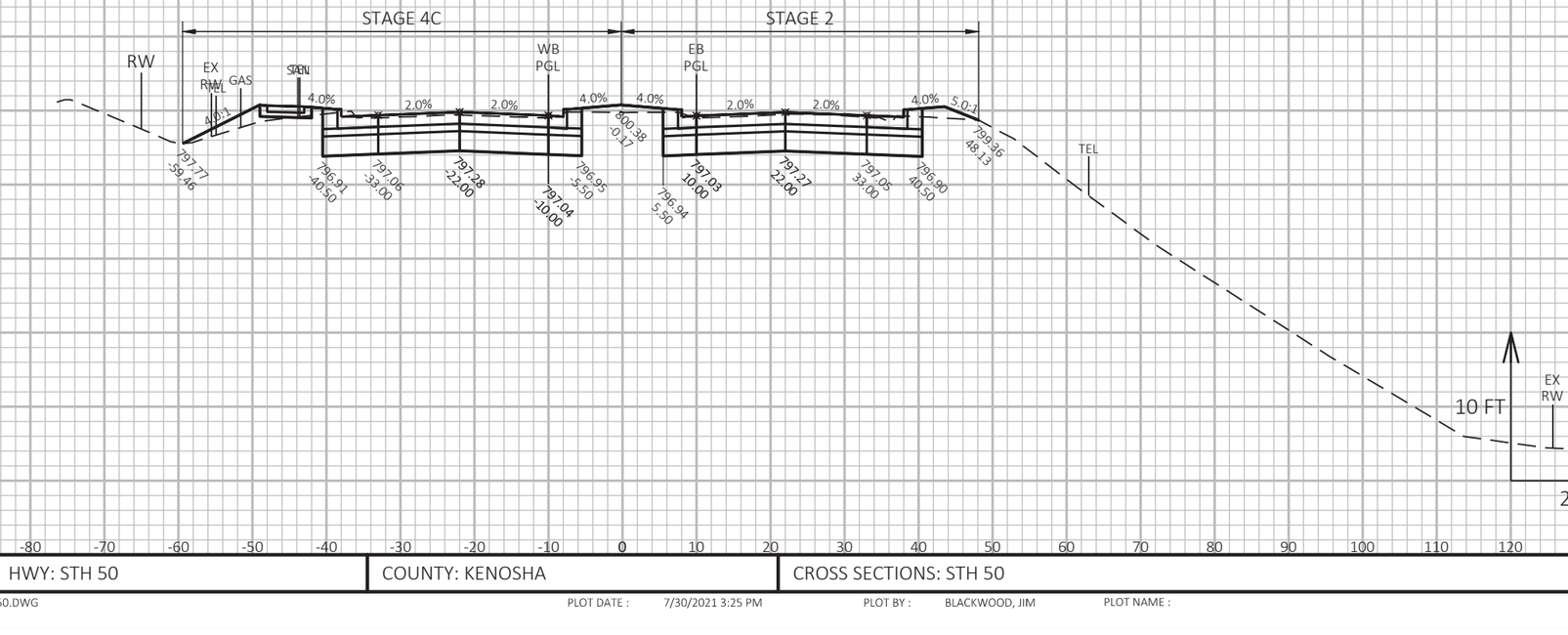
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 686	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:25 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

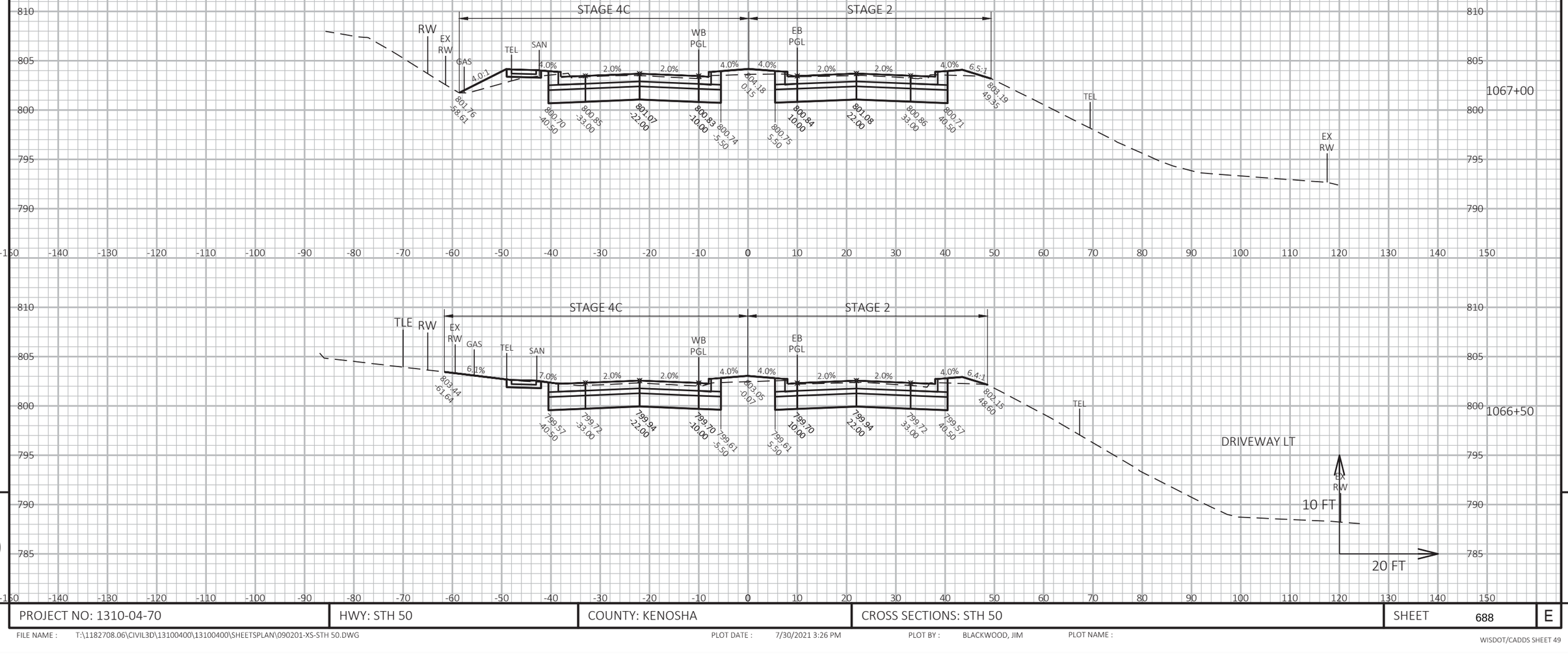




PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 687	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:25 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

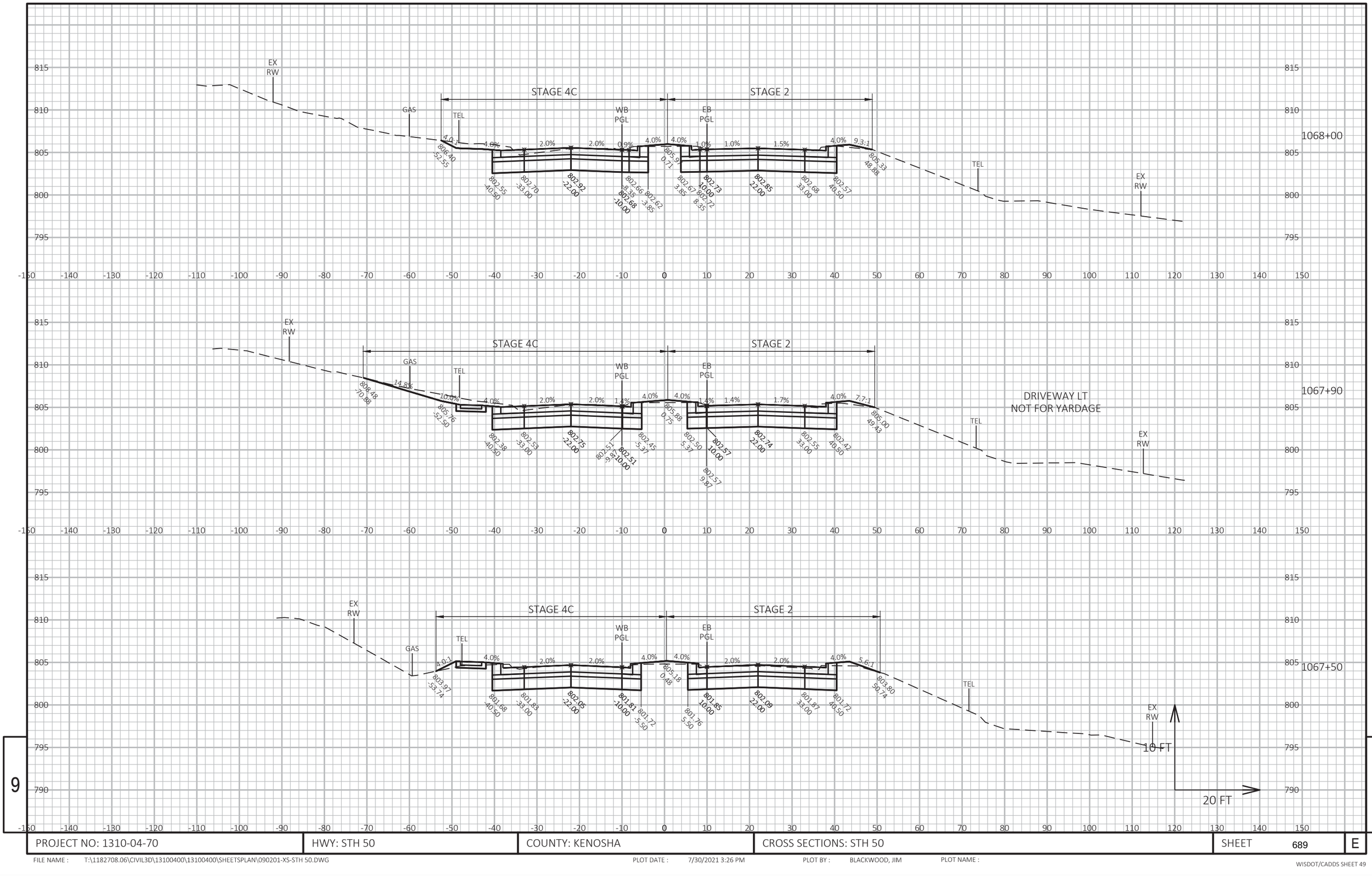
WISDOT/CADDS SHEET 49



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 688	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:26 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

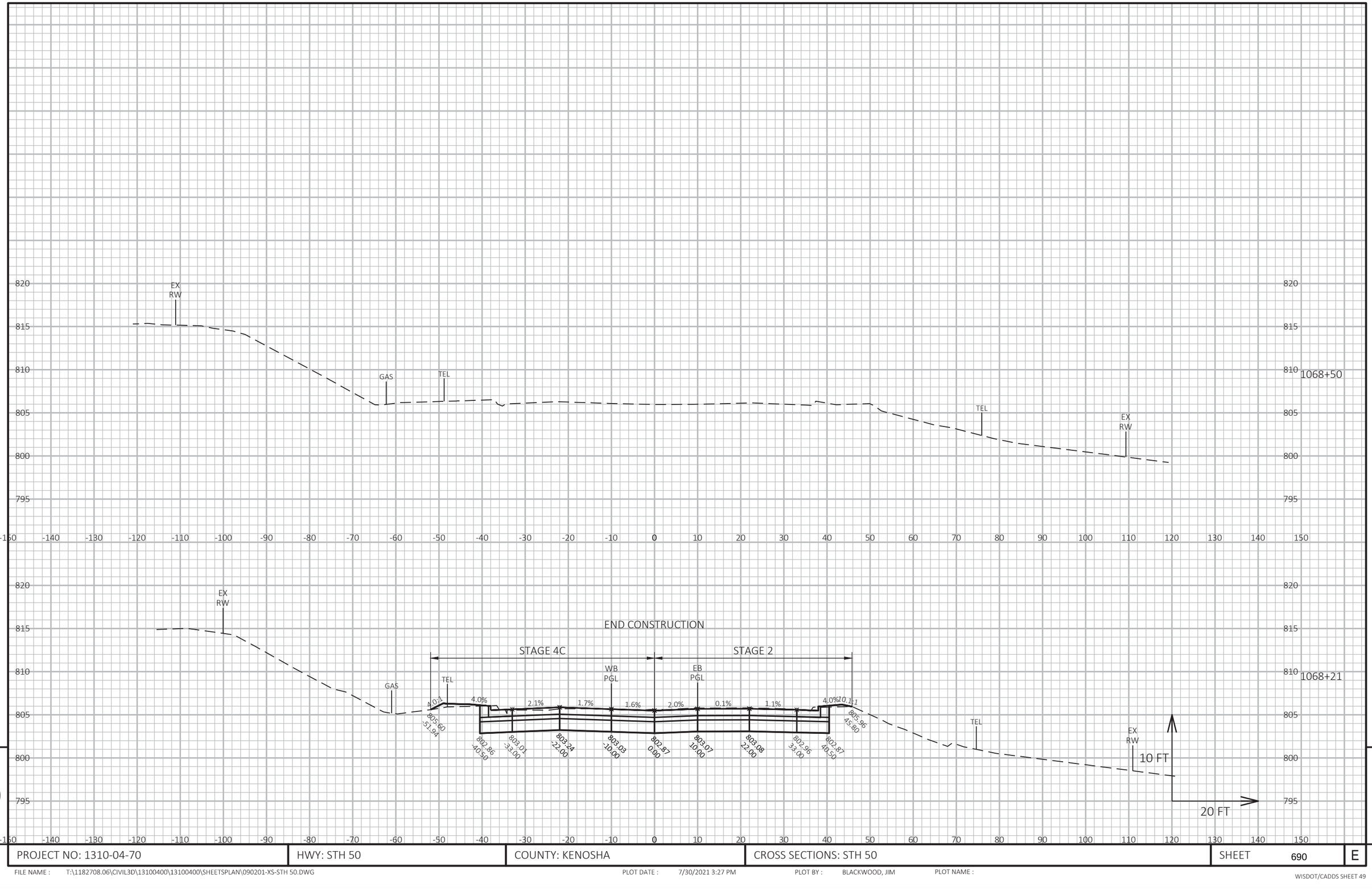


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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 689	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:26 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

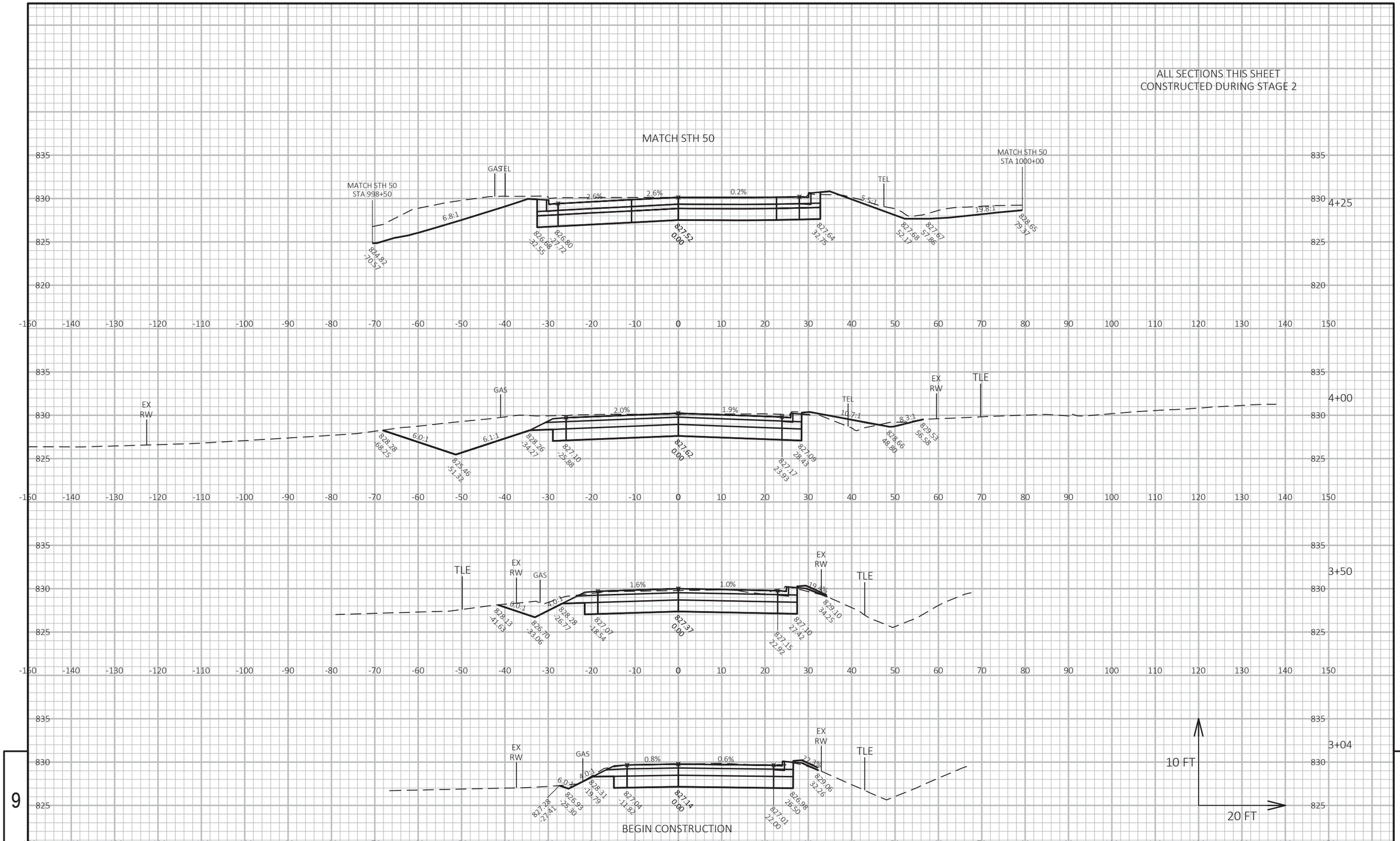


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 50	SHEET 690	E

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WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: CTH F	SHEET 691	E

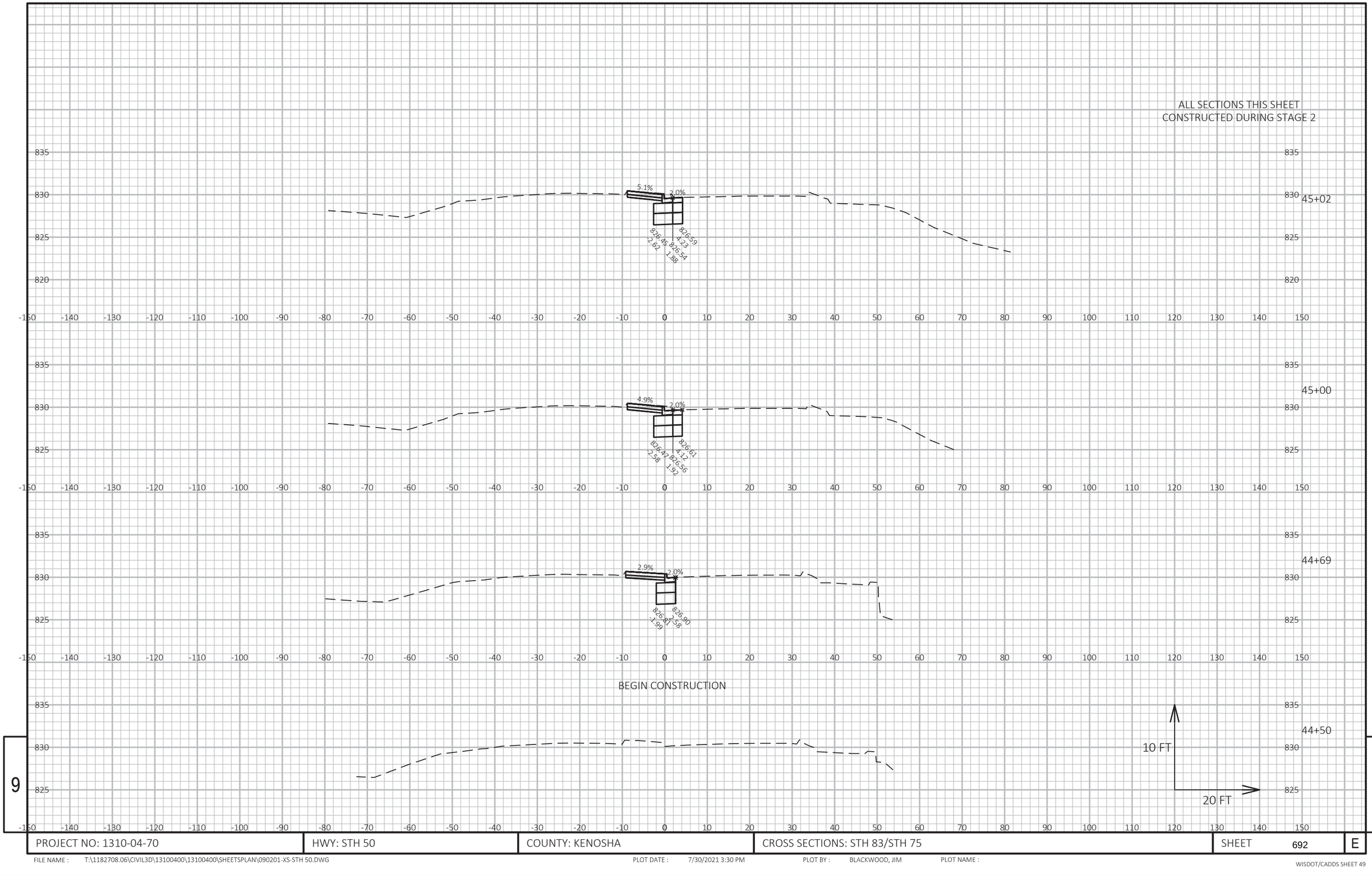
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WISDOT/CADDS SHEET 49

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9

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



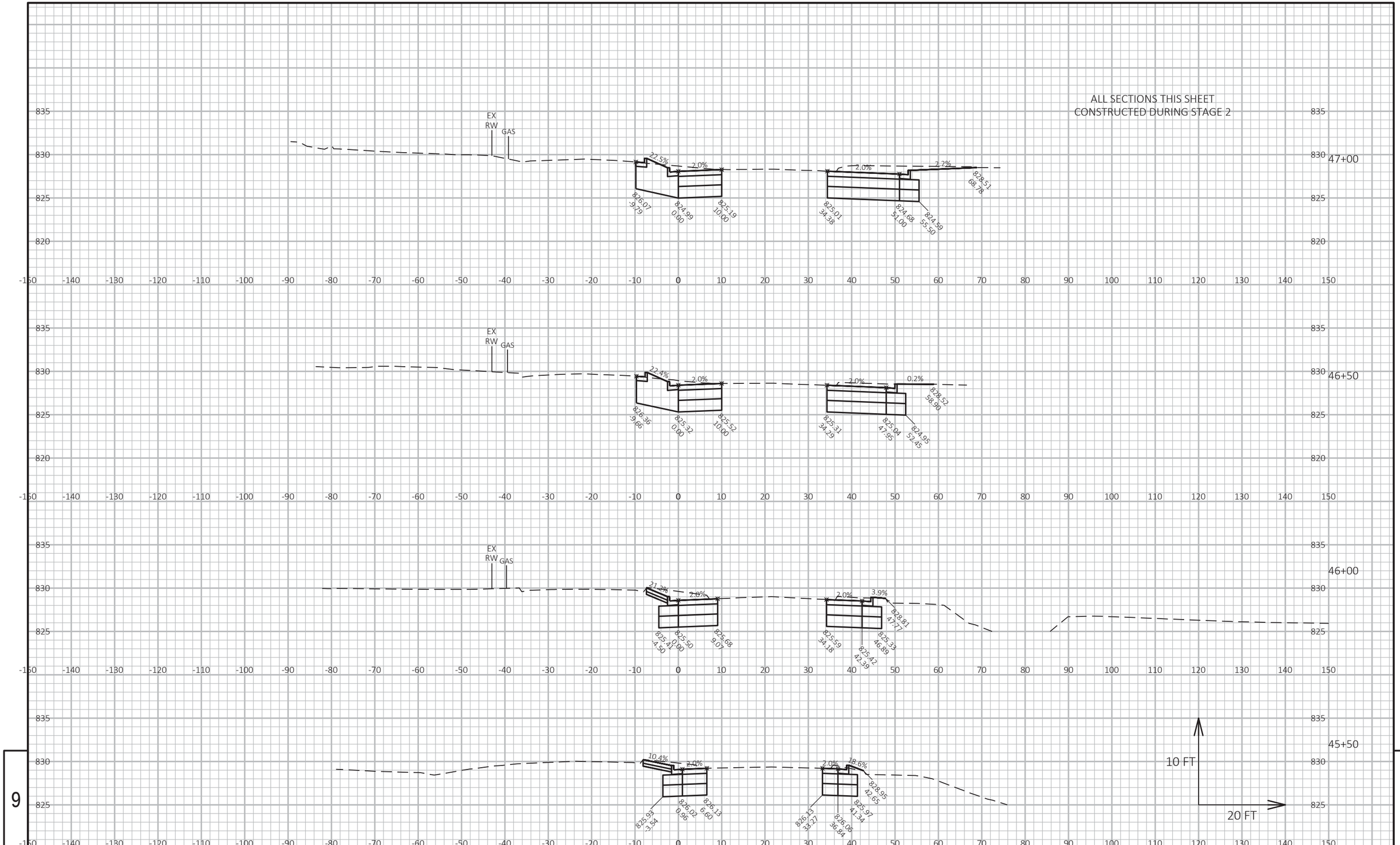
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 83/STH 75	SHEET 692	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:30 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



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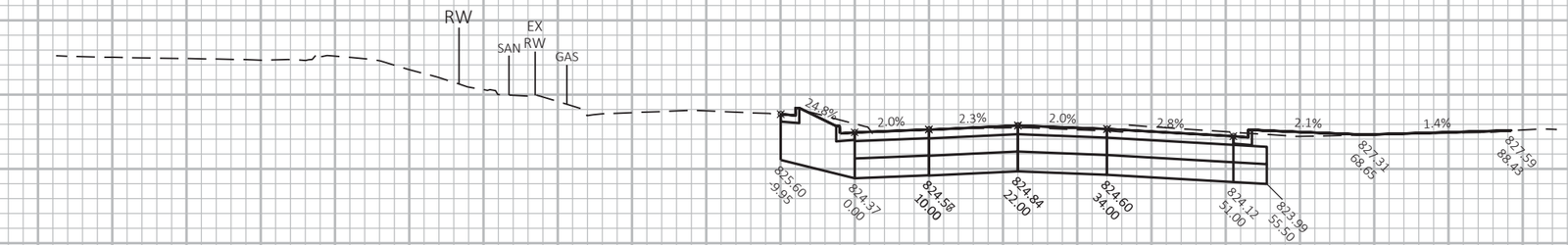
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 83/STH 75	SHEET 693	E

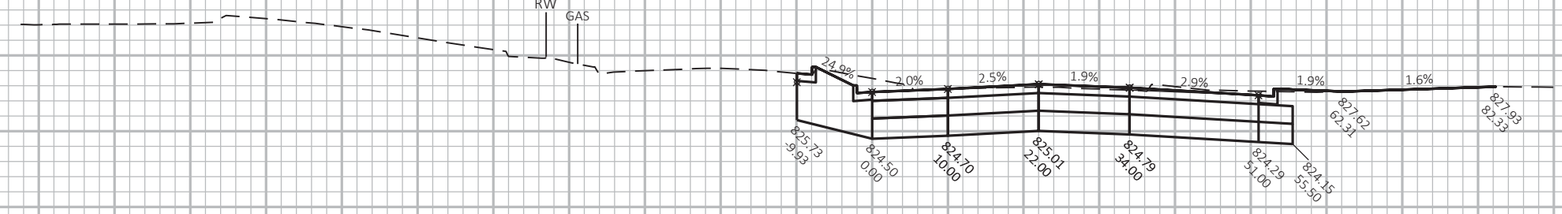
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WISDOT/CADDS SHEET 49

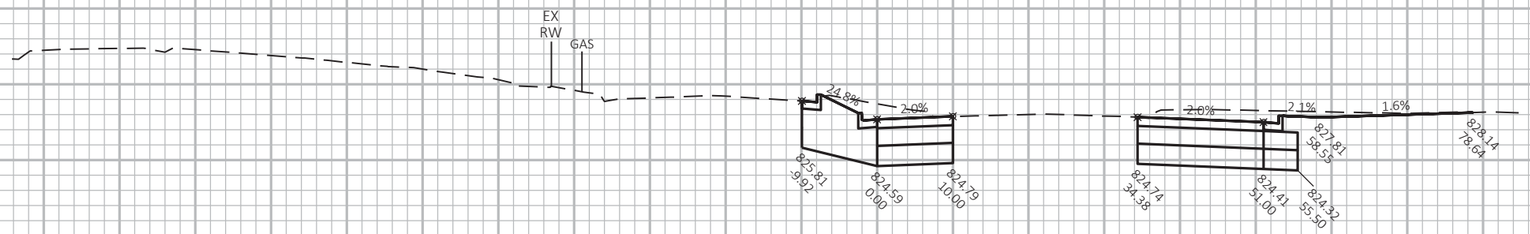
ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



48+00



47+69



47+50

10 FT
20 FT

9

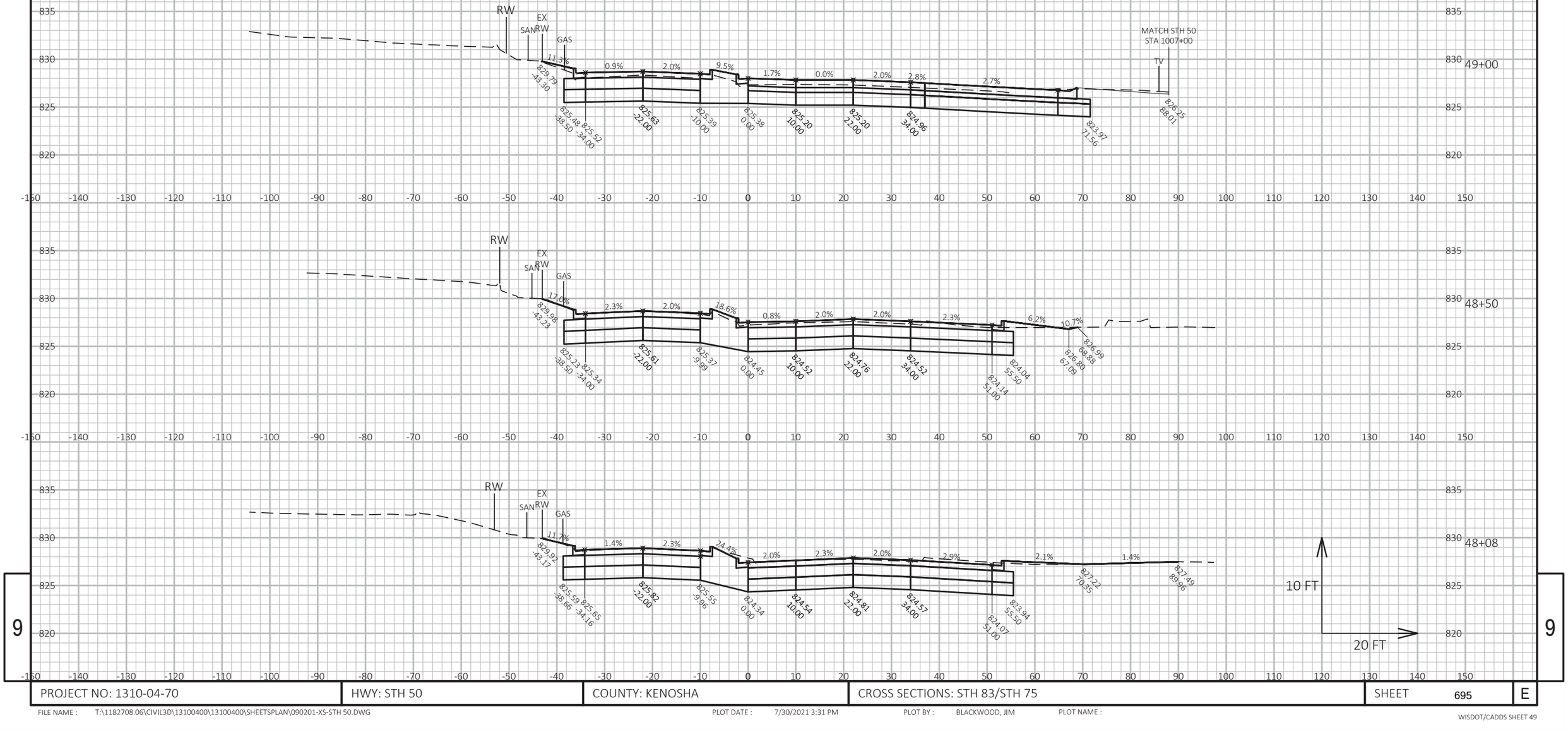
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 83/STH 75	SHEET 694	E

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WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



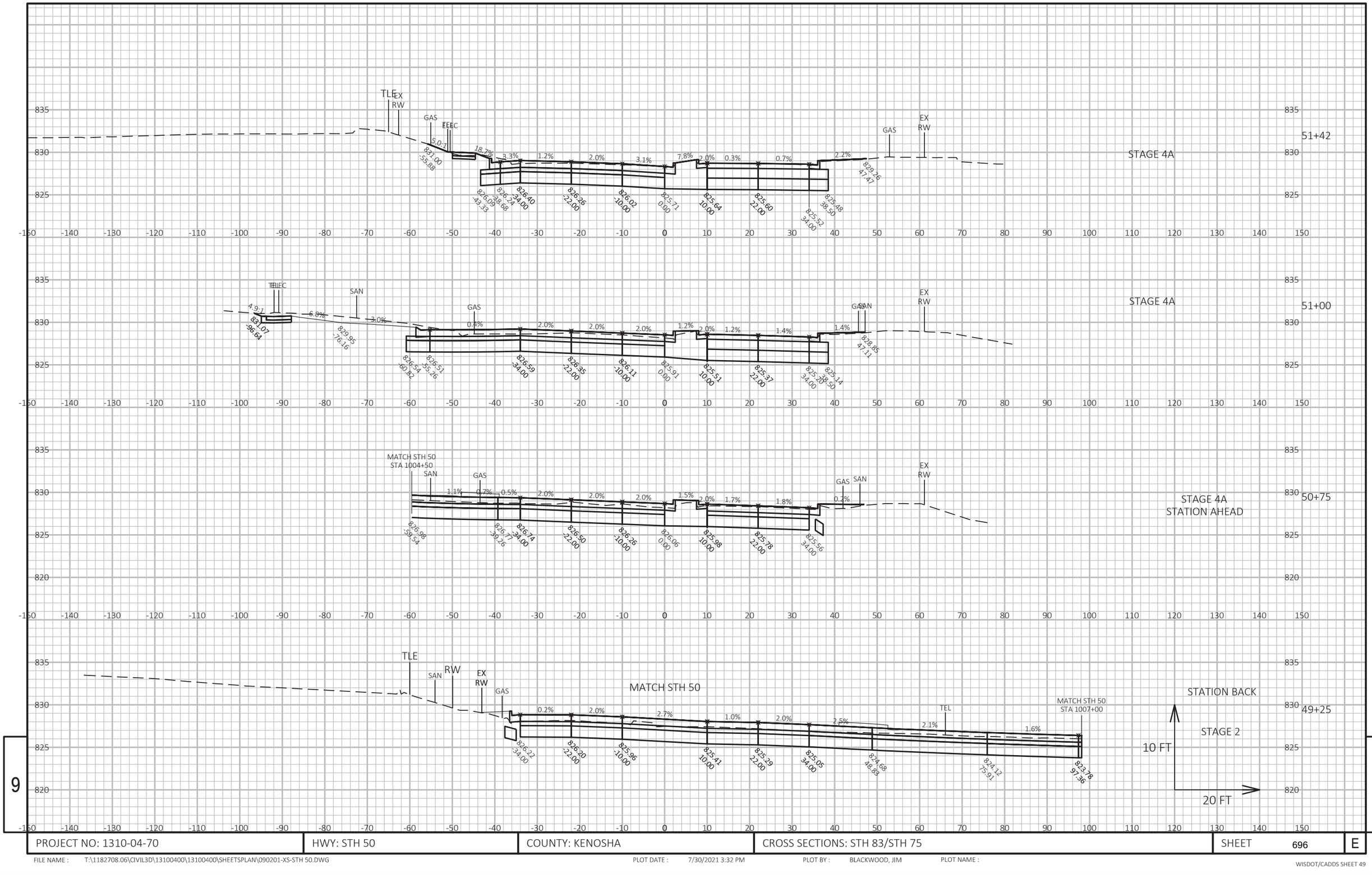
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9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 83/STH 75	SHEET 695	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:31 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



9

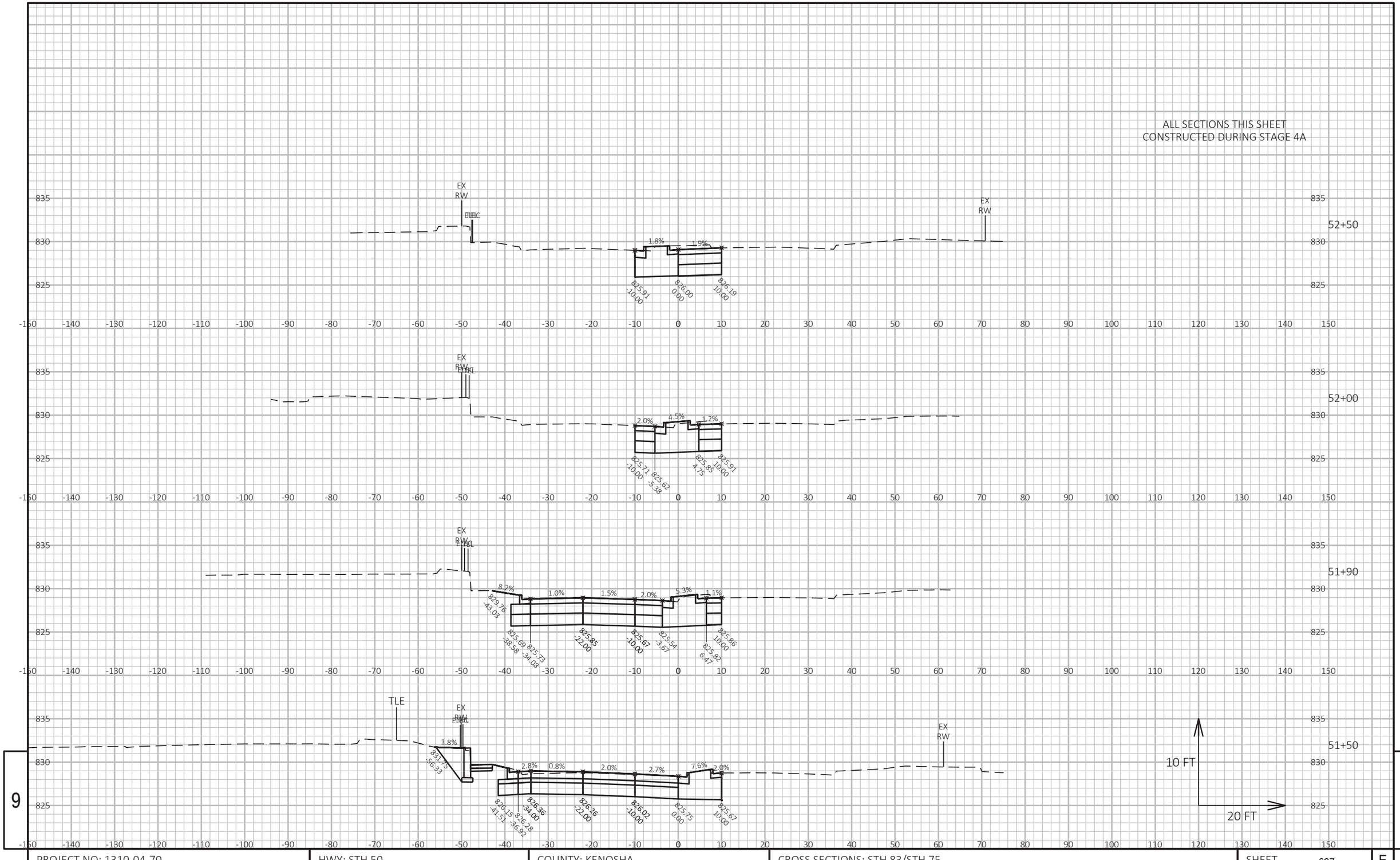
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 83/STH 75	SHEET 696	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:32 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 4A



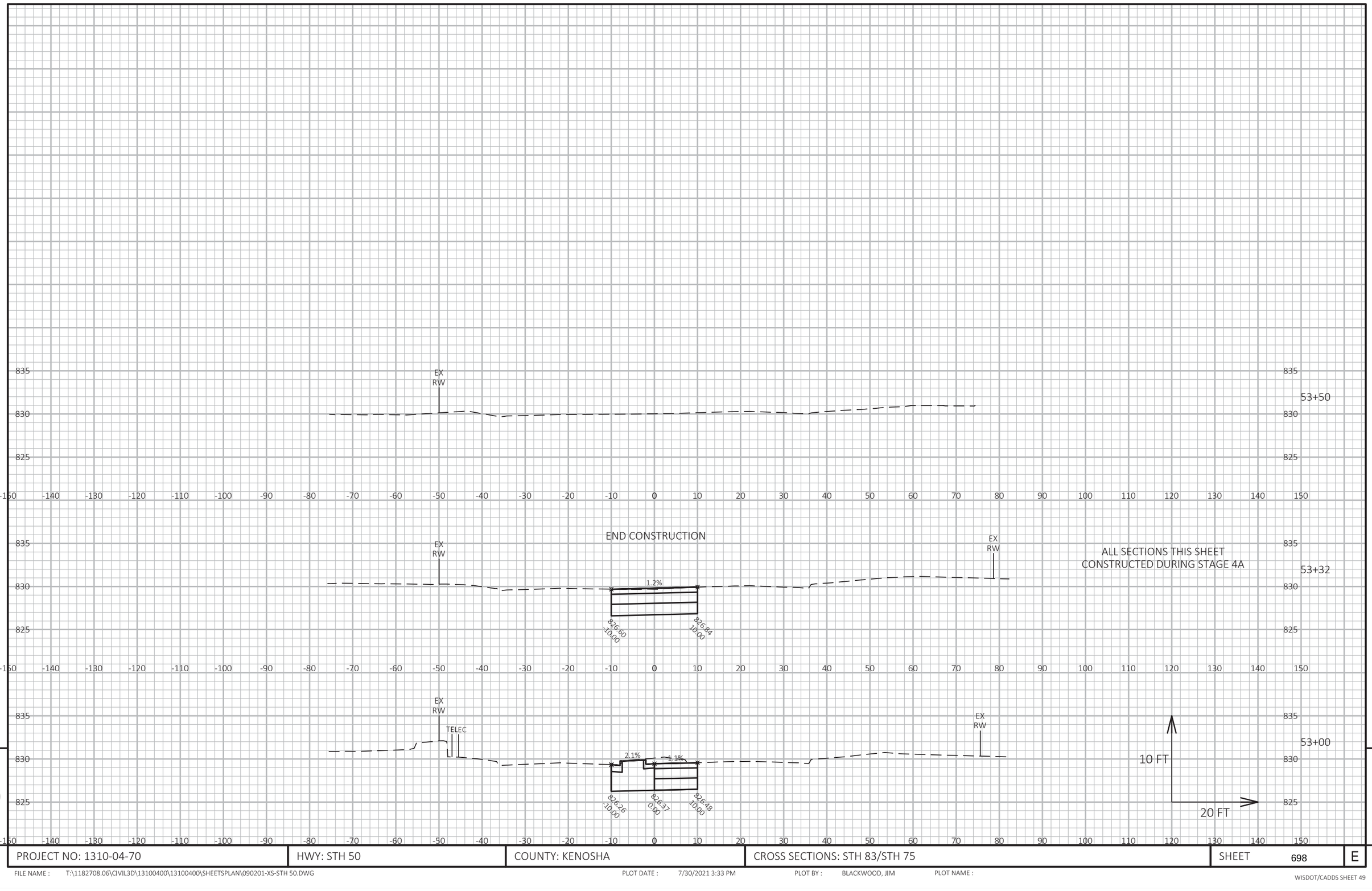
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 83/STH 75	SHEET 697	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:32 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49



9

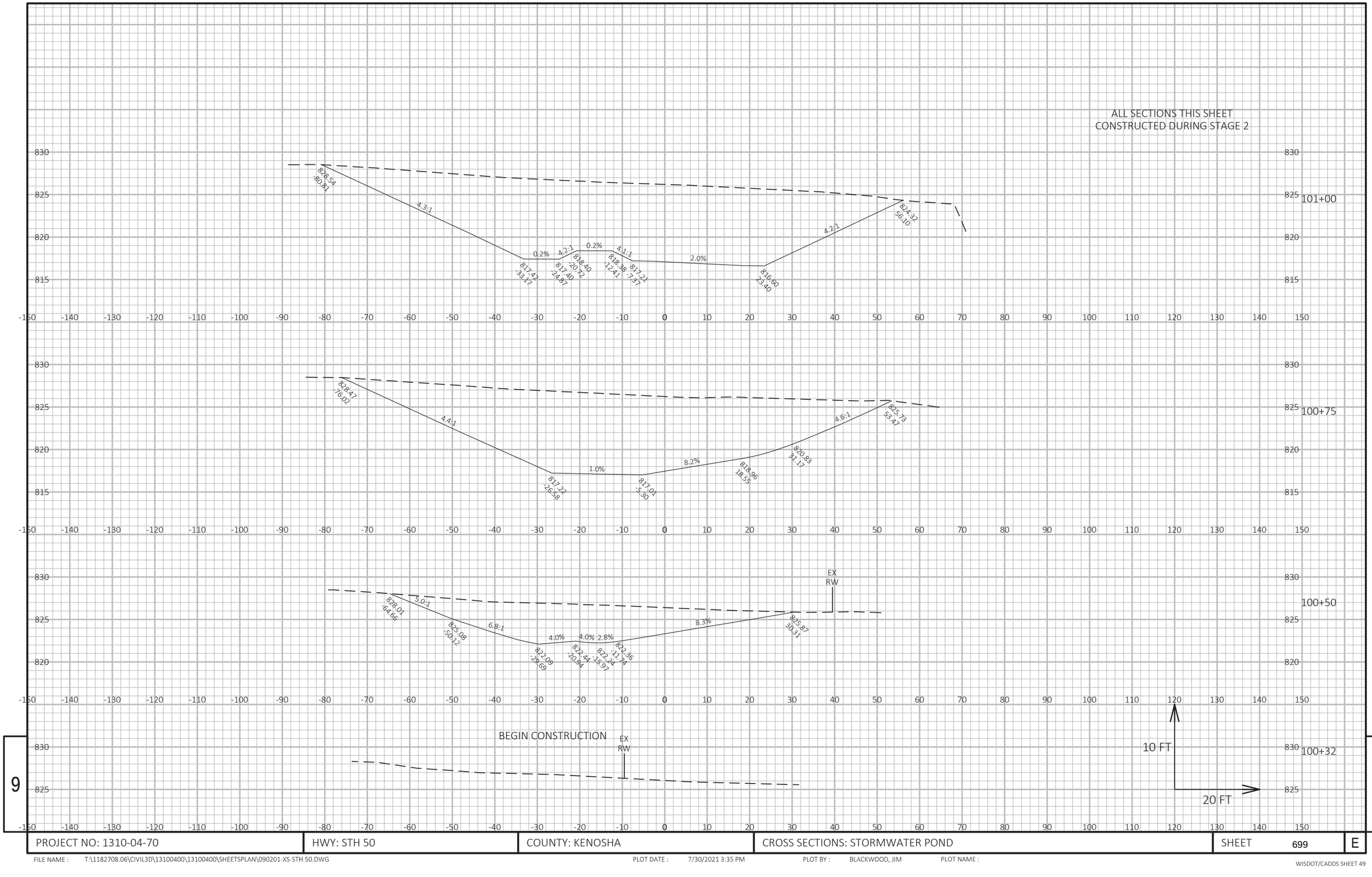
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STH 83/STH 75	SHEET 698	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:33 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



9

9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STORMWATER POND	SHEET 699	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:35 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2

101+75

827.95
-95.03
4:1:1
847.95
-54.05
0.2%
4:2:1
818.93
-41.60
817.92
-45.75
0.2%
818.91
-33.29
4:1:1
816.39
-23.09
1.0%
816.83
-35.62
4.0:1
820.00
50.29
0.0%
820.00
58.30

101+50

828.19
-90.32
4:1:1
817.77
-47.09
0.2%
4:2:1
818.75
-34.64
817.76
-36.79
0.2%
818.73
-26.33
4:1:1
816.59
-17.53
1.0%
816.08
-33.90
4.0:1
820.00
49.57
9.2:1
821.01
59.35

101+25

828.37
-85.56
4:2:1
817.59
-40.13
0.2%
4:2:1
818.57
-27.68
817.58
-31.83
0.2%
818.56
-19.97
4:1:1
816.86
-12.46
1.2%
816.34
-30.81
4:2:1
823.43
60.84

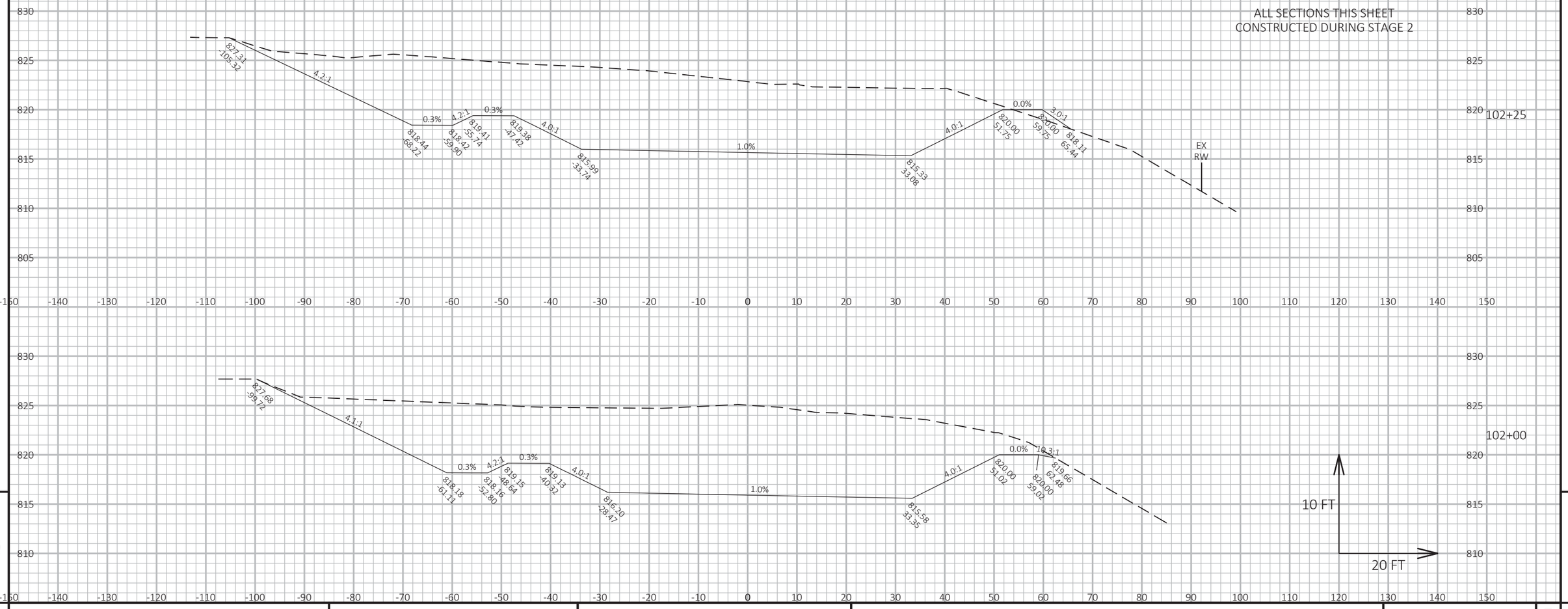
10 FT
20 FT

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STORMWATER POND	SHEET 700	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:35 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



9

9

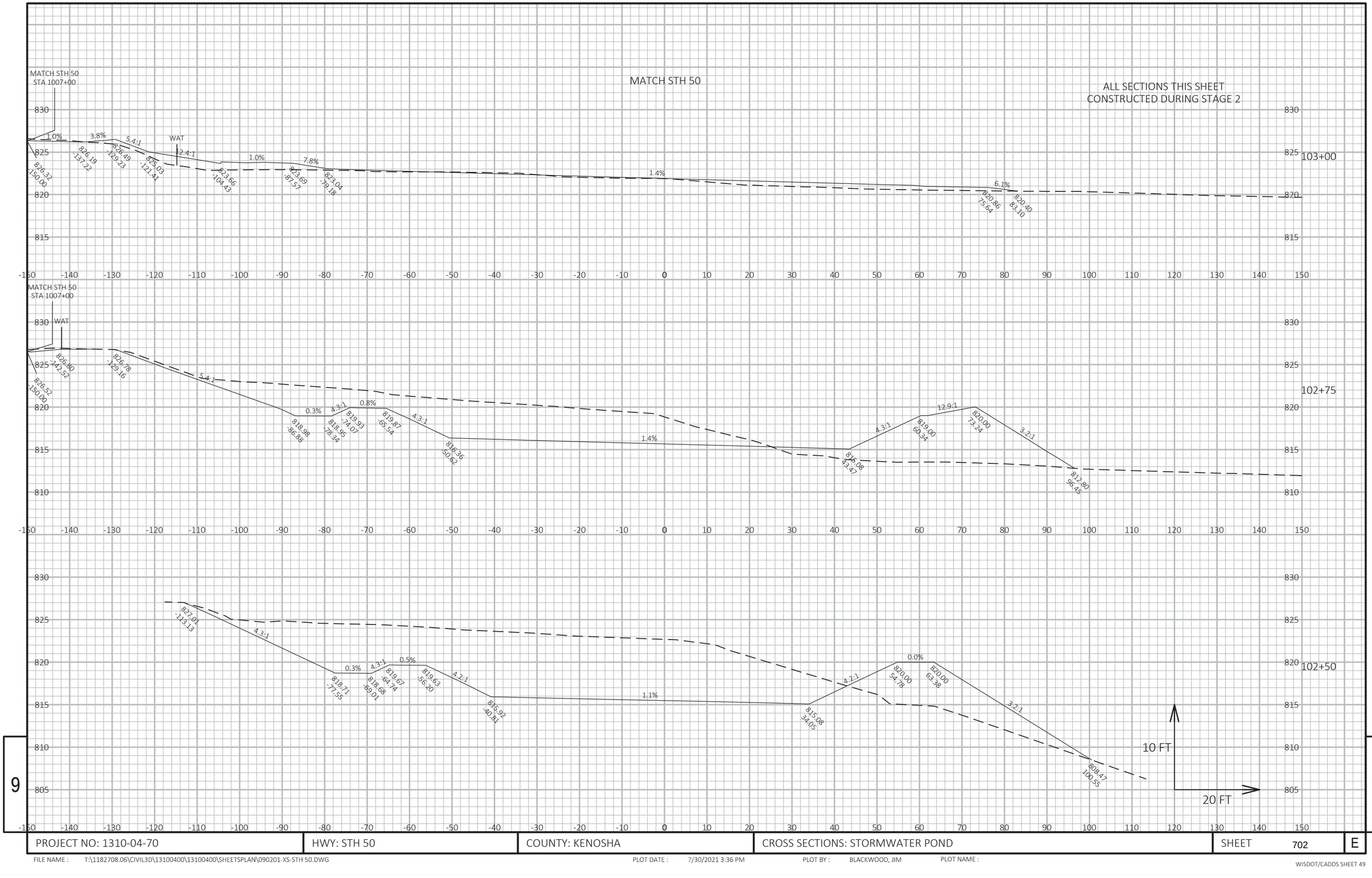
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STORMWATER POND	SHEET 701	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:36 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

MATCH STH 50

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2

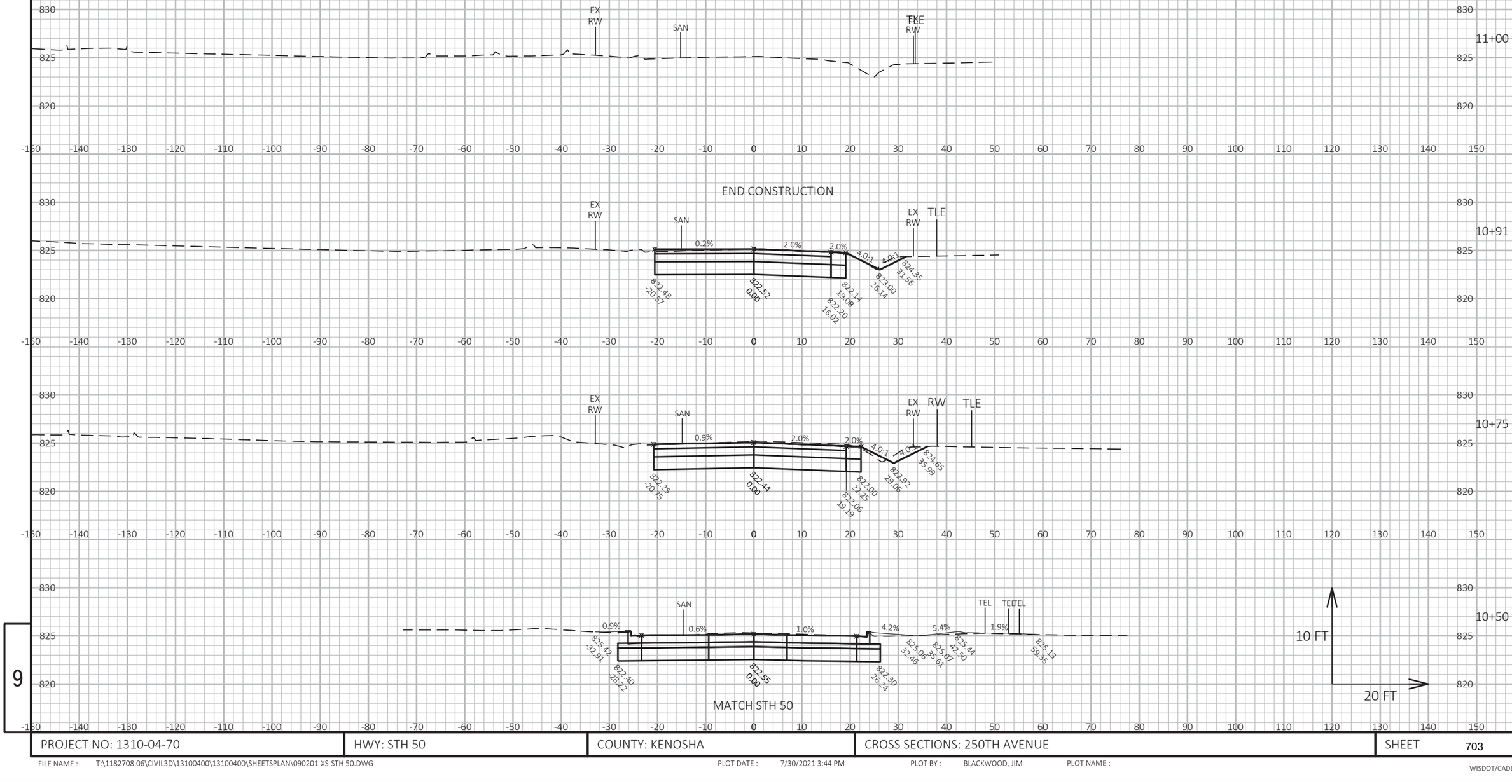


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: STORMWATER POND	SHEET 702	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:36 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 4C



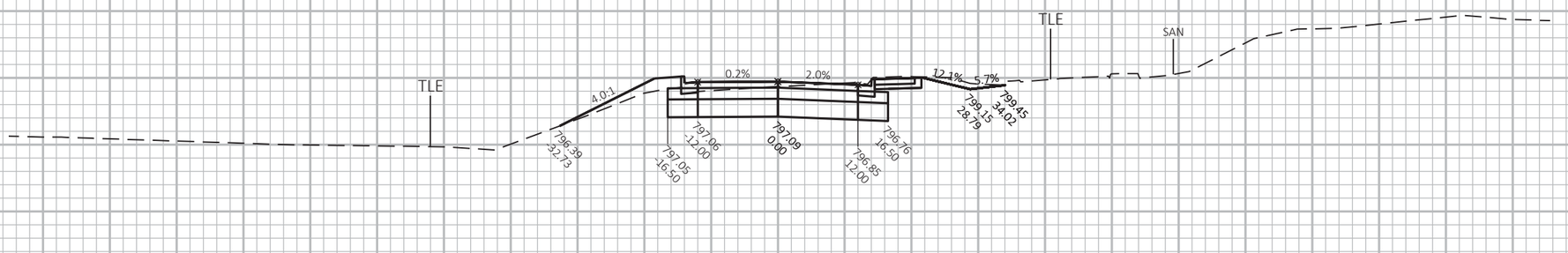
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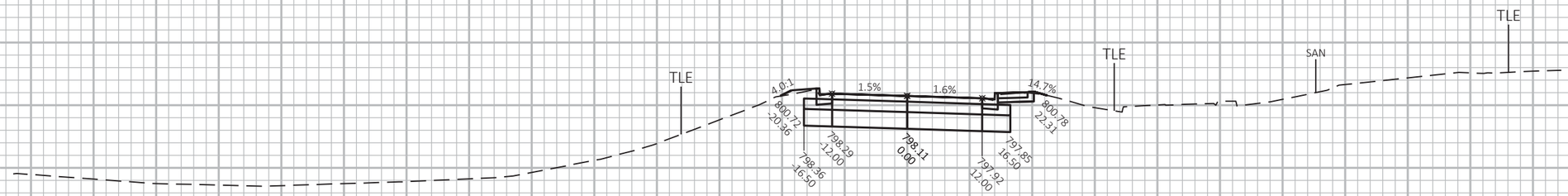
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: 250TH AVENUE	SHEET 703	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:44 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

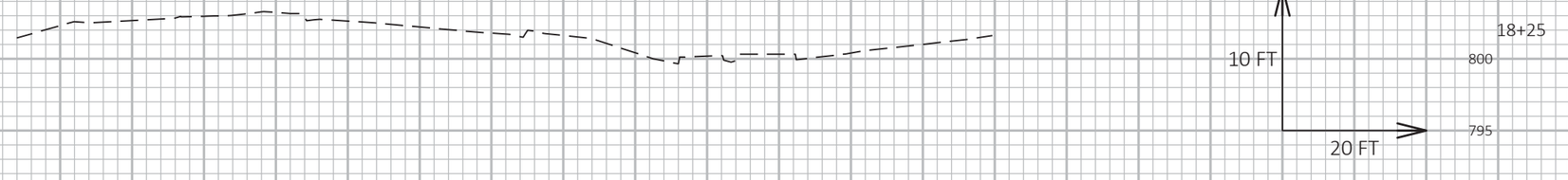
ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2



18+75



18+50



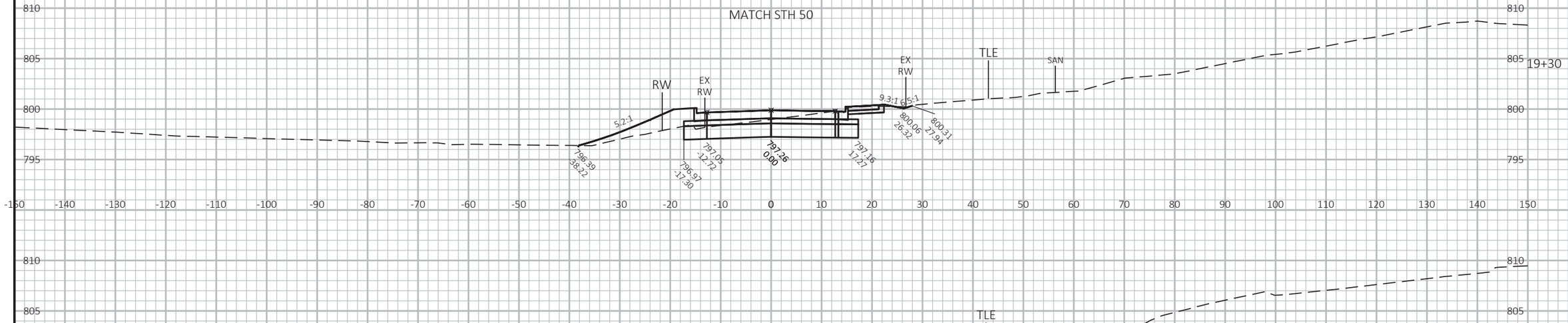
18+25

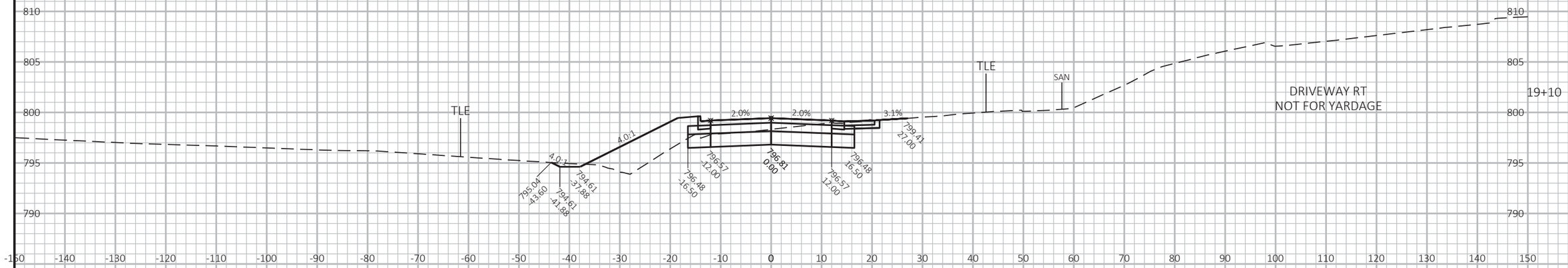
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: HIGH SCHOOL WEST DRIVEWAY	SHEET 704	E

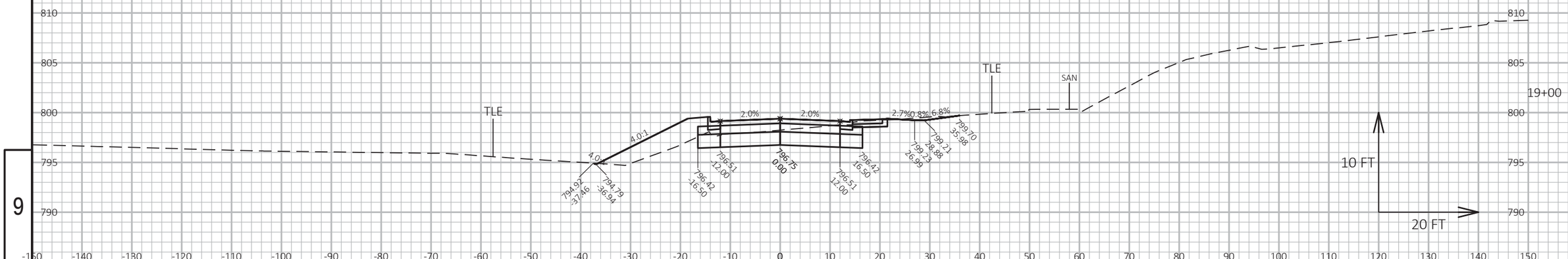
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:45 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2







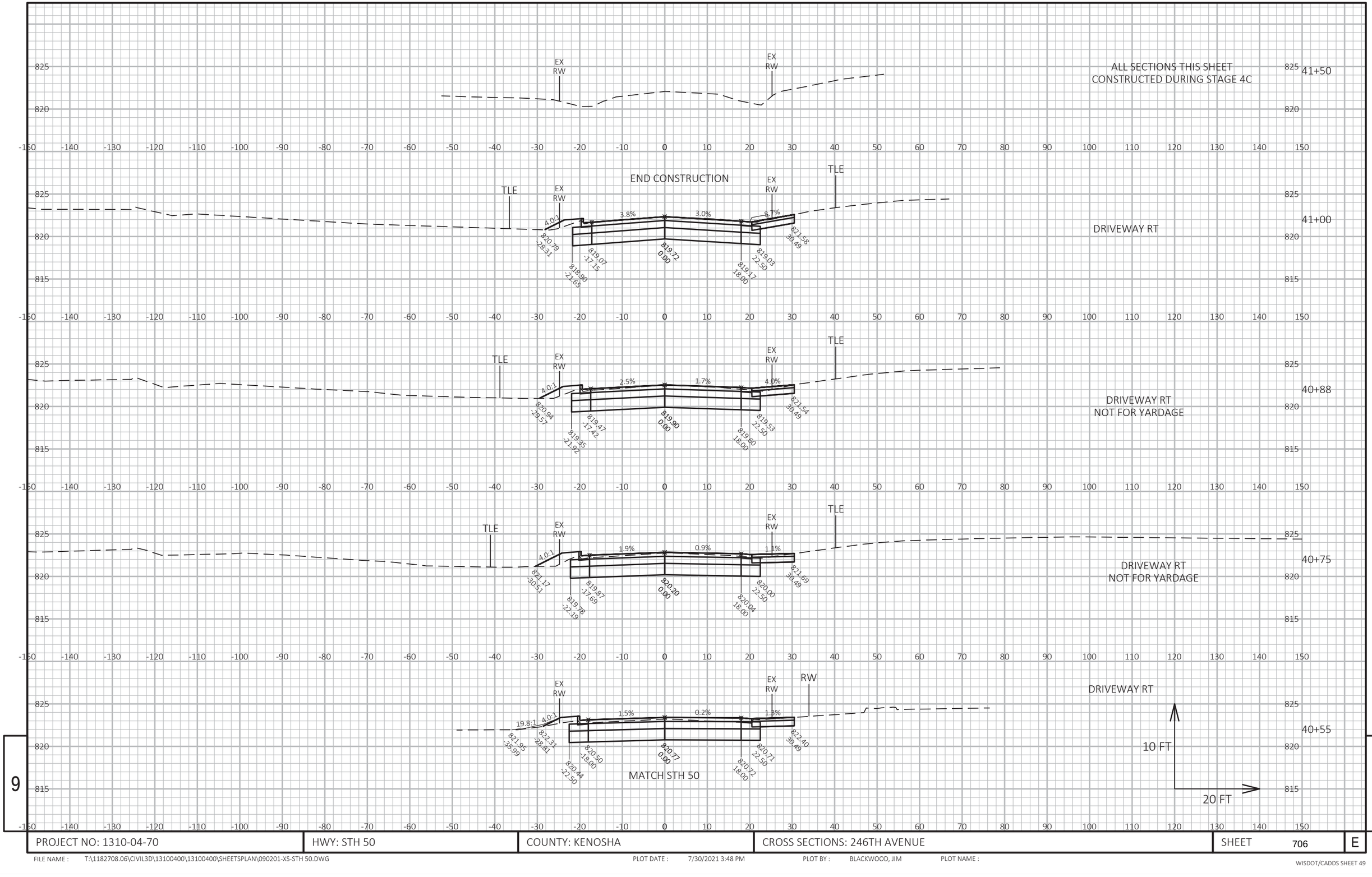
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: HIGH SCHOOL WEST DRIVEWAY	SHEET 705	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:46 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

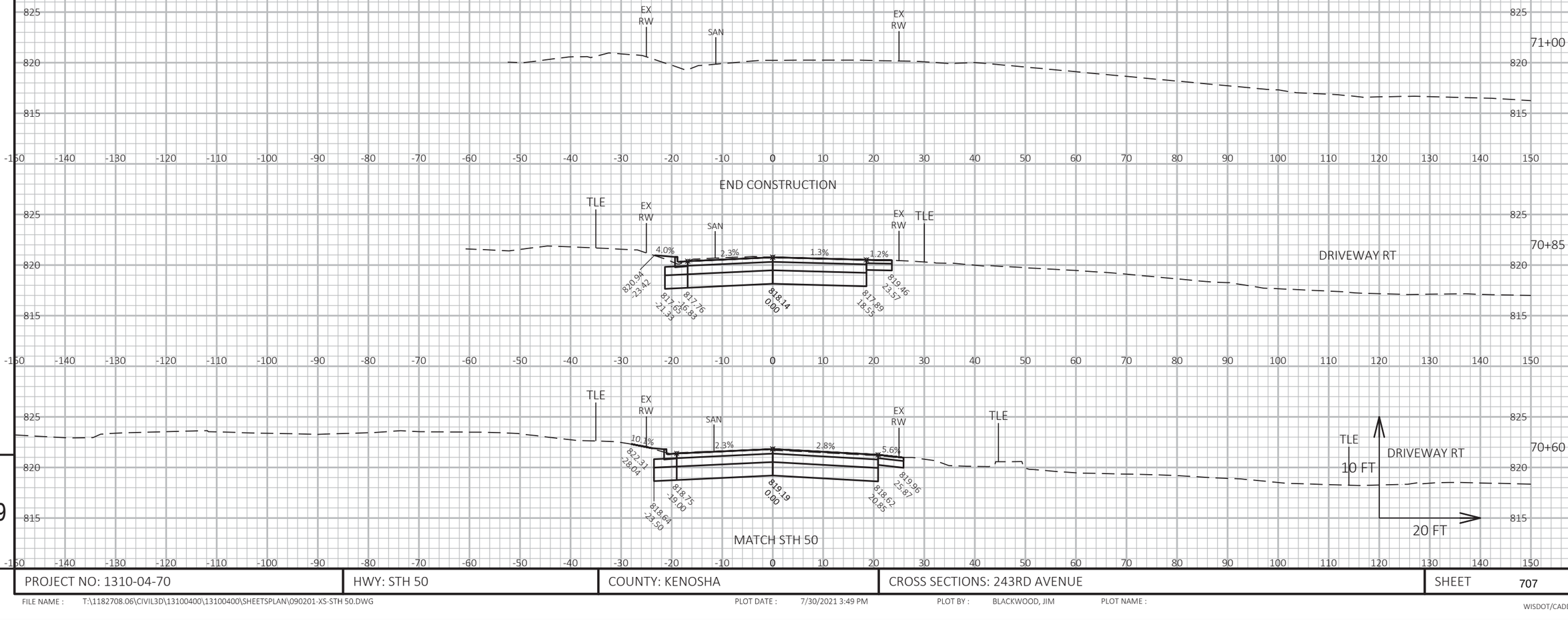


PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: 246TH AVENUE	SHEET 706	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:48 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 4C



9

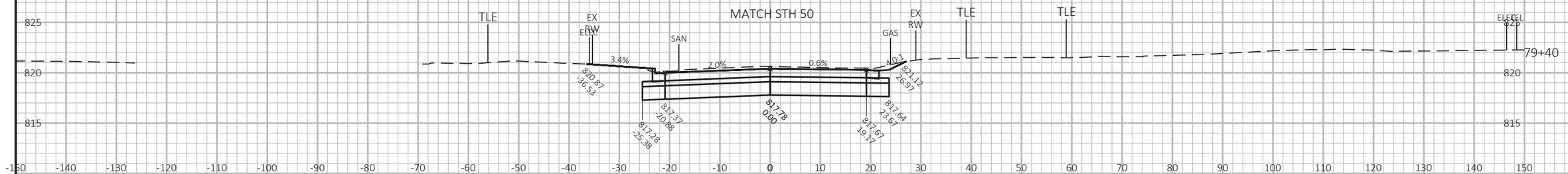
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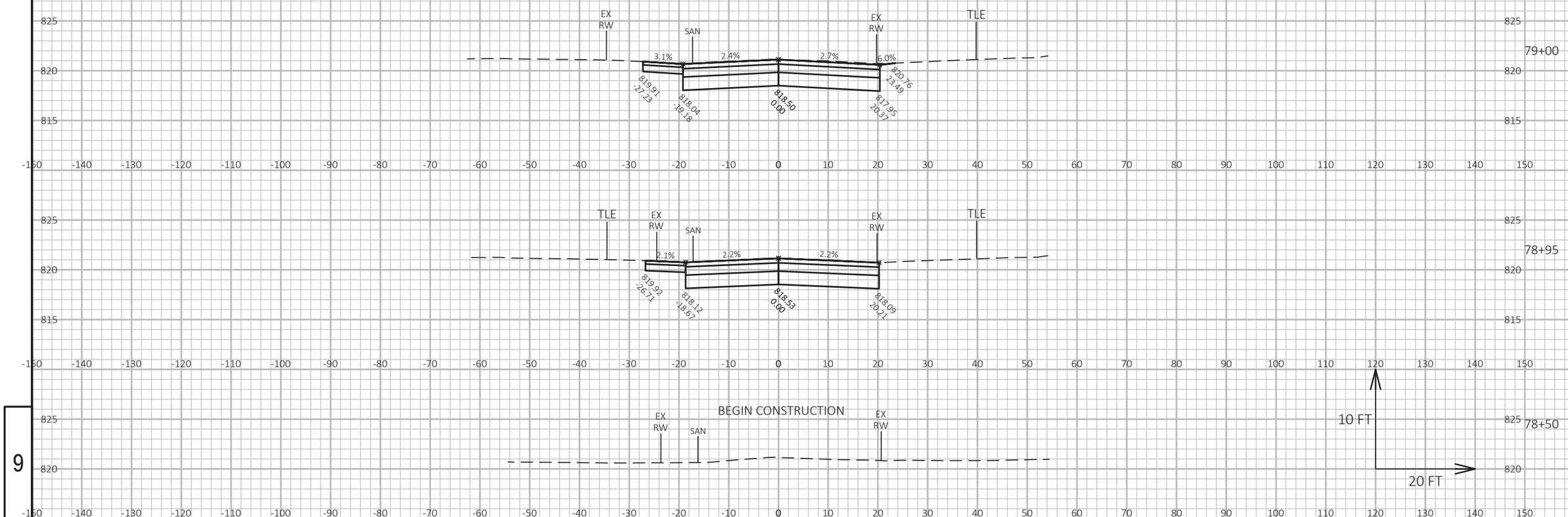
PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: 243RD AVENUE	SHEET 707	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:49 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 2





9

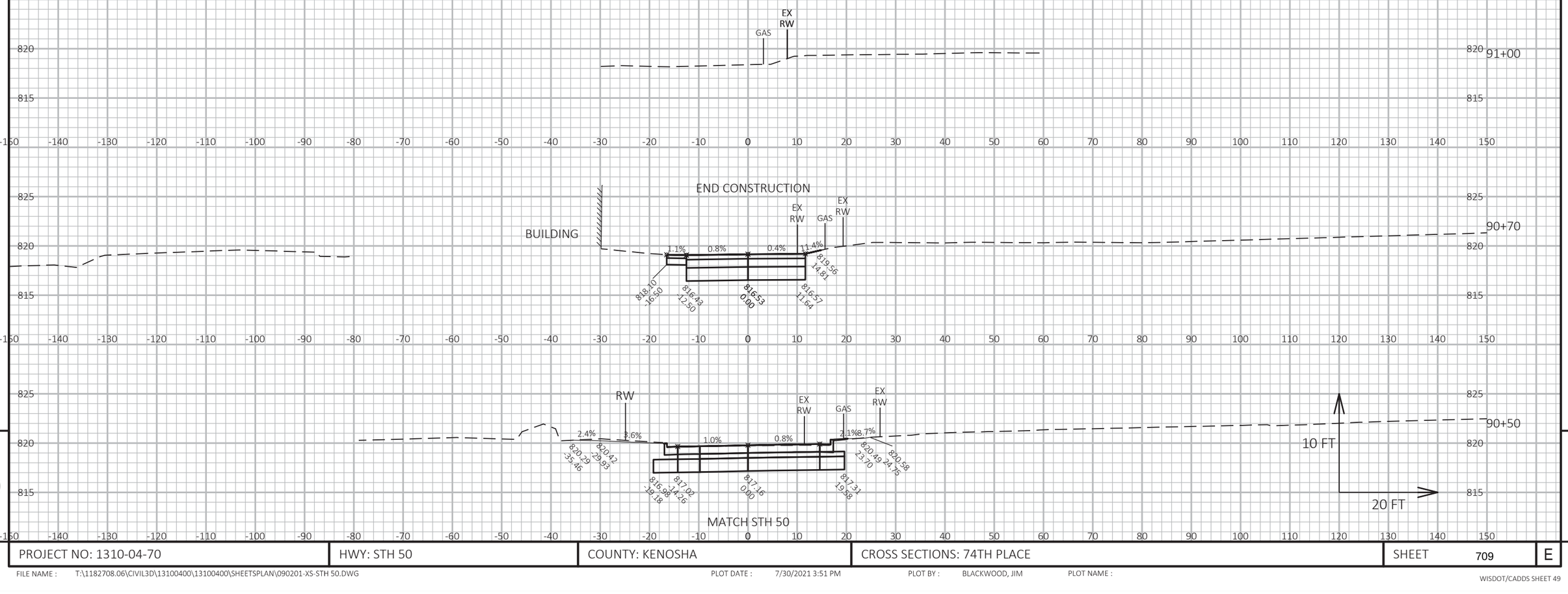
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: 242ND AVENUE	SHEET 708	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:50 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 4C



9

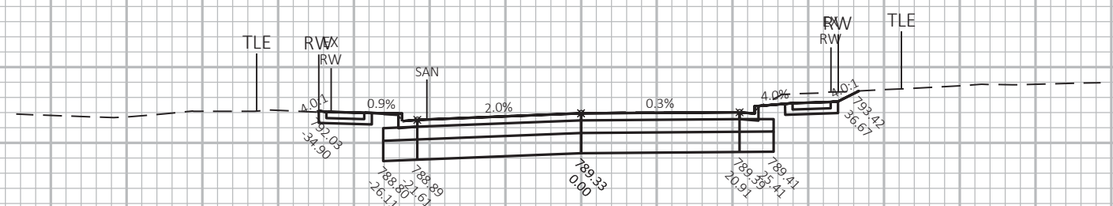
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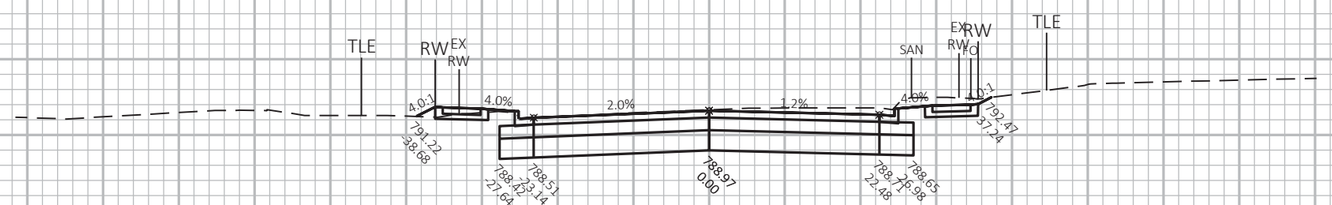
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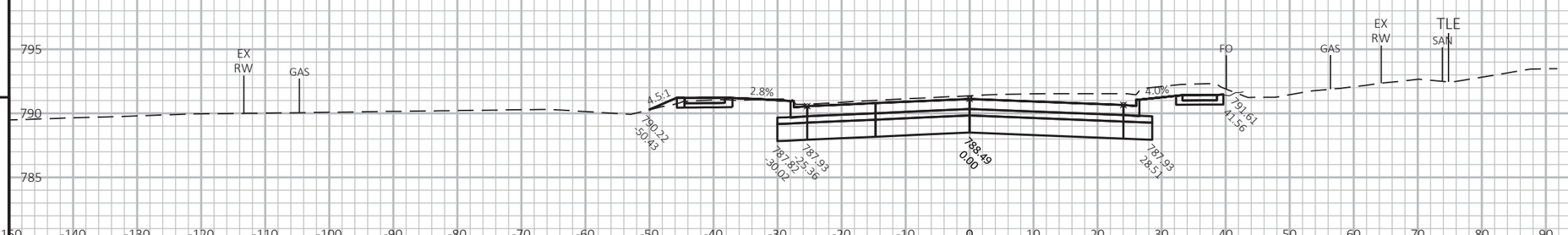
FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG PLOT DATE : 7/30/2021 3:51 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

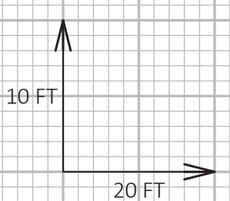
ALL SECTIONS THIS SHEET
CONSTRUCTED DURING STAGE 4C

END CONSTRUCTION









96+25

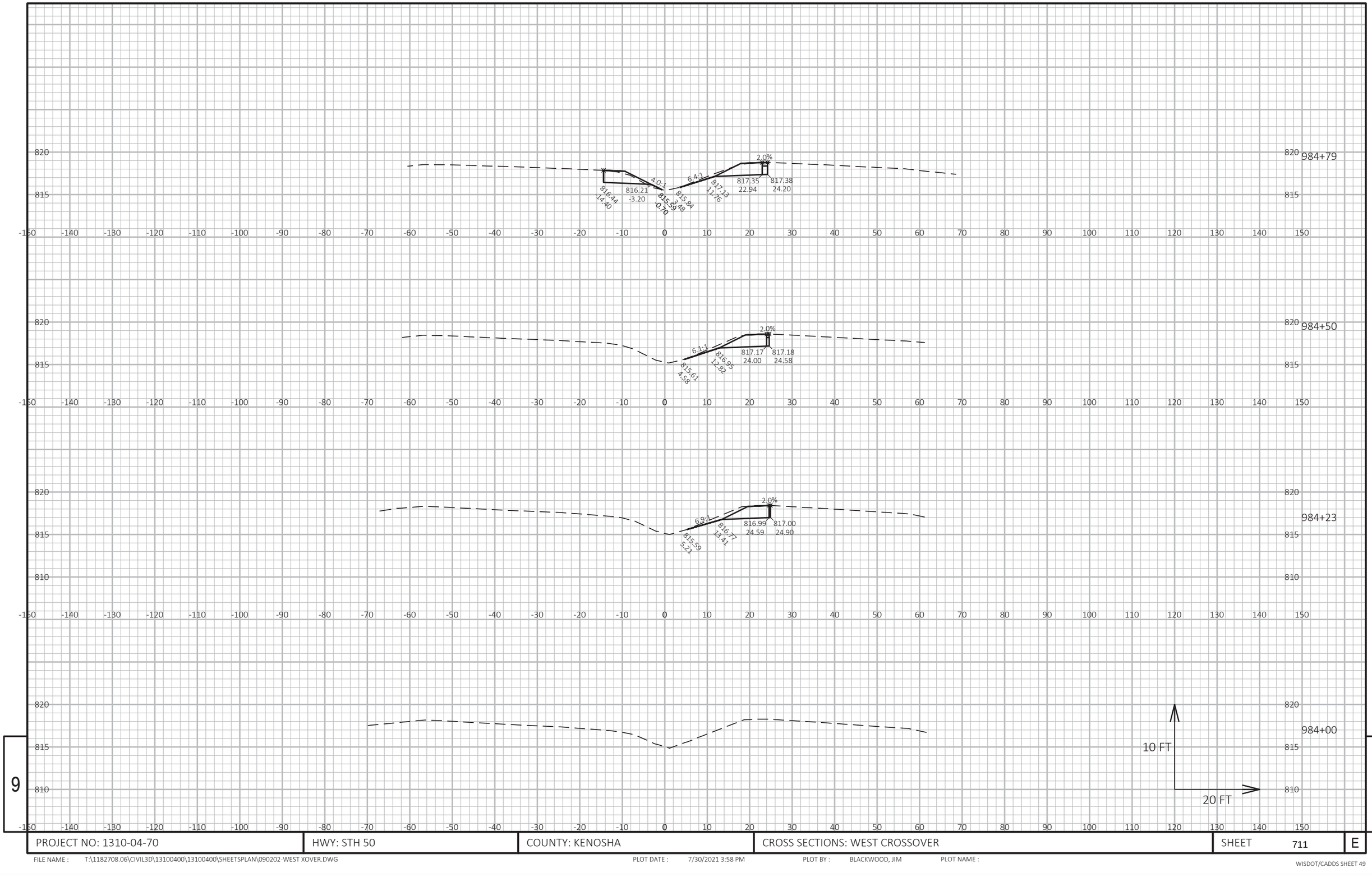
96+00

95+75

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: 236TH AVENUE	SHEET 710	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090201-XS-STH 50.DWG
PLOT DATE : 7/30/2021 3:52 PM
PLOT BY : BLACKWOOD, JIM
PLOT NAME :

WISDOT/CADDS SHEET 49

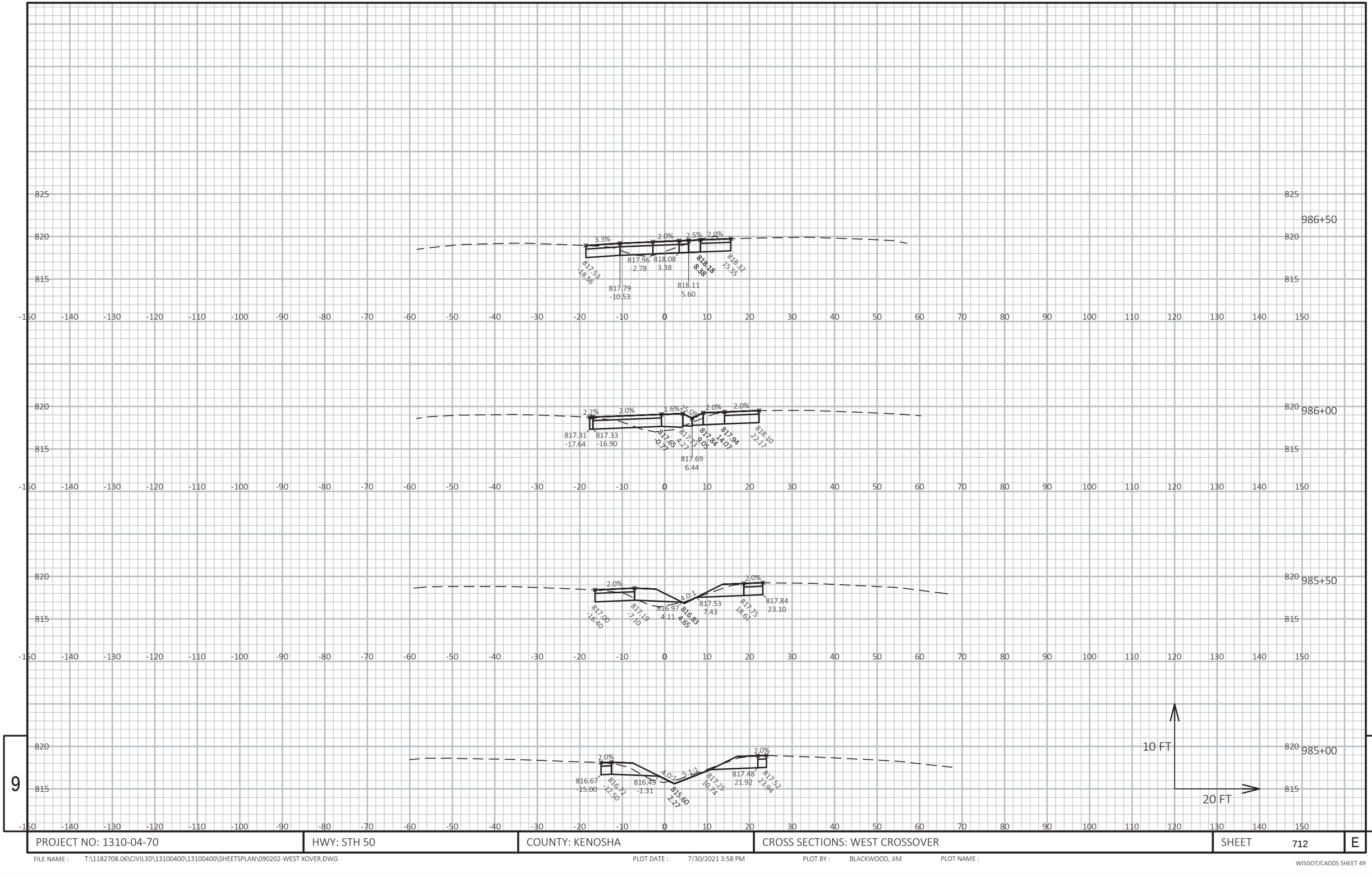


9

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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: WEST CROSSOVER	SHEET 711	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090202-WEST XOVER.DWG PLOT DATE : 7/30/2021 3:58 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

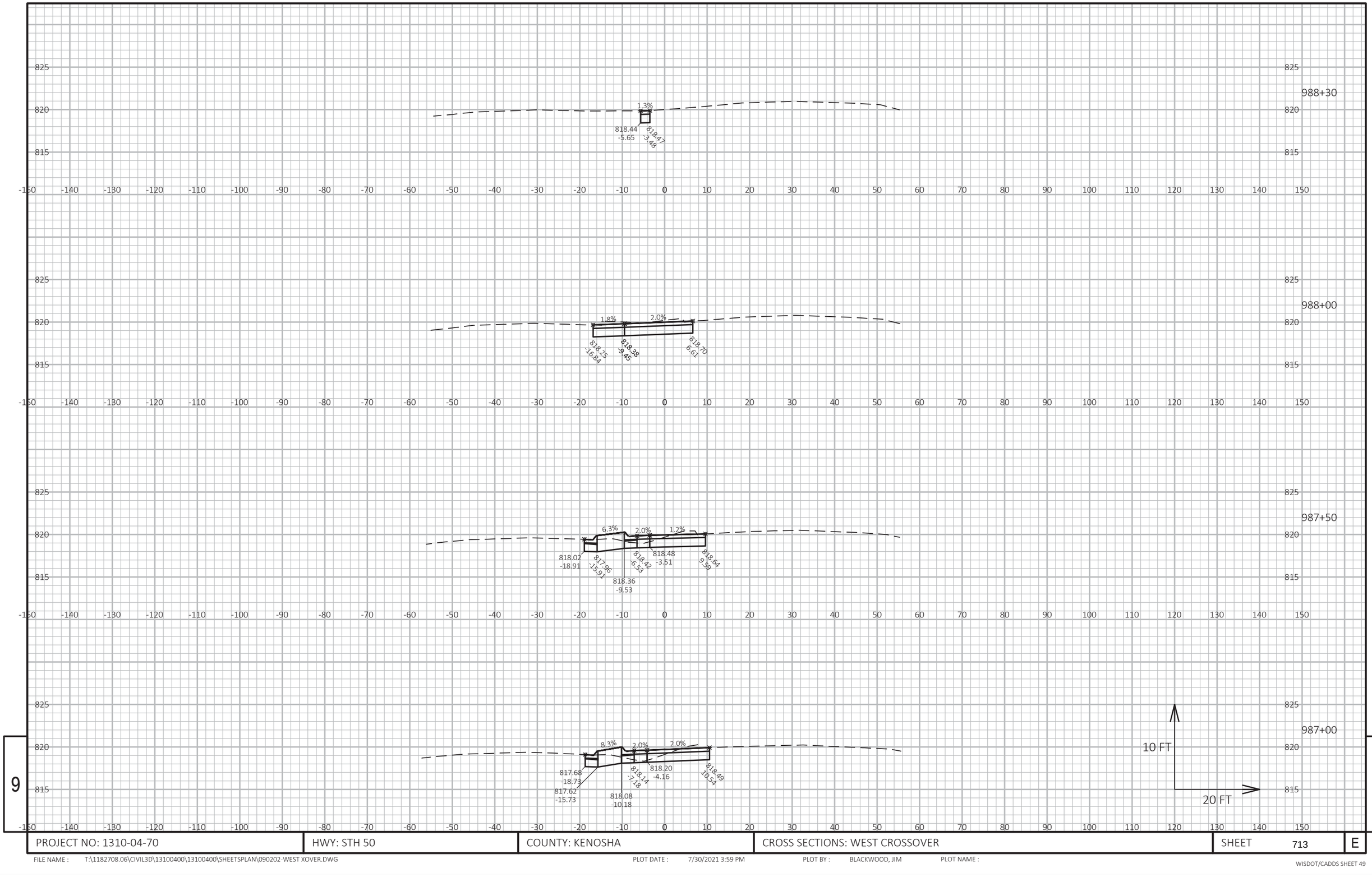


9

9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: WEST CROSSOVER	SHEET 712	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090202-WEST XOVER.DWG PLOT DATE : 7/30/2021 3:58 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

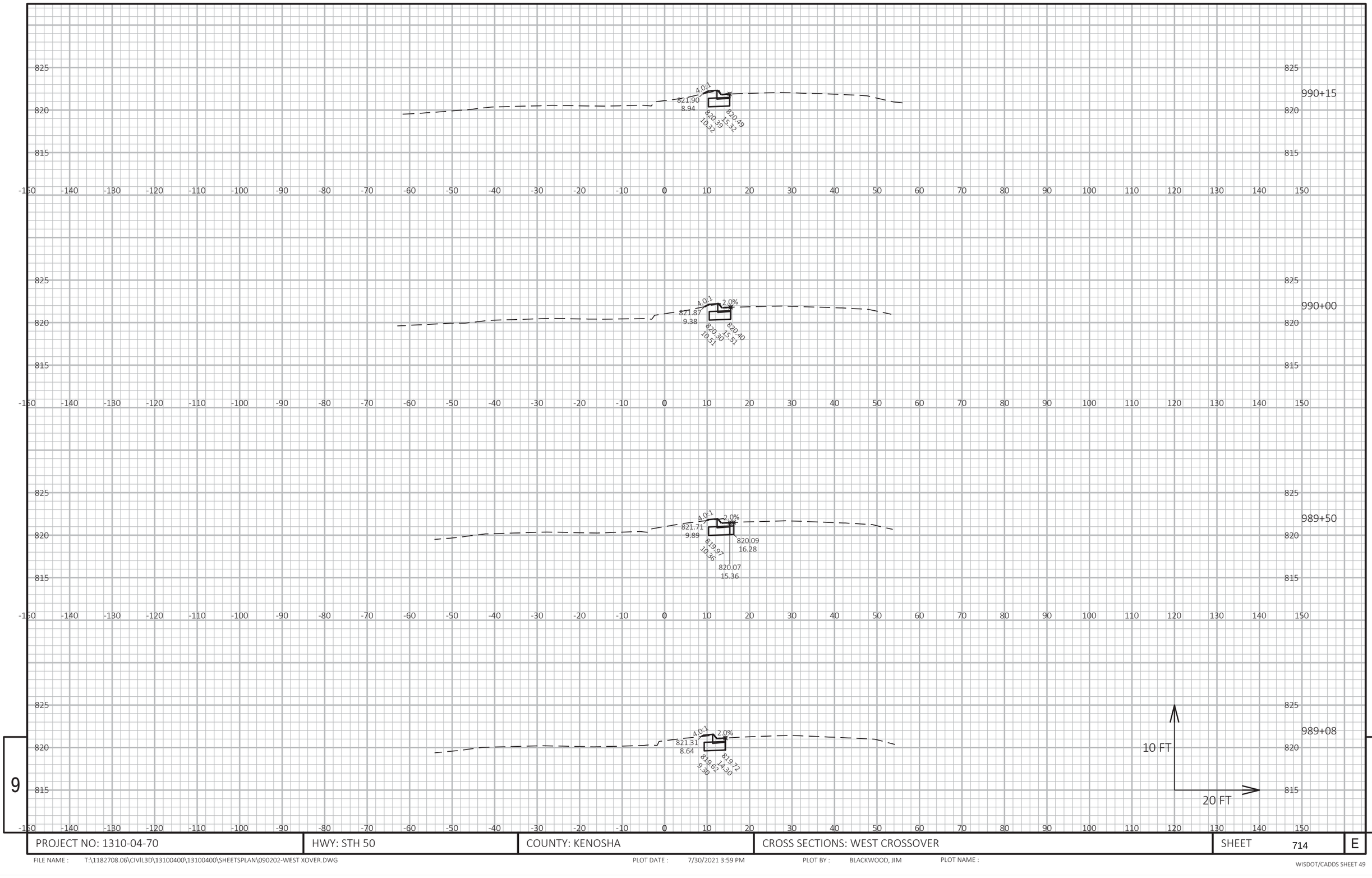


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9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: WEST CROSSOVER	SHEET 713	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090202-WEST XOVER.DWG PLOT DATE : 7/30/2021 3:59 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

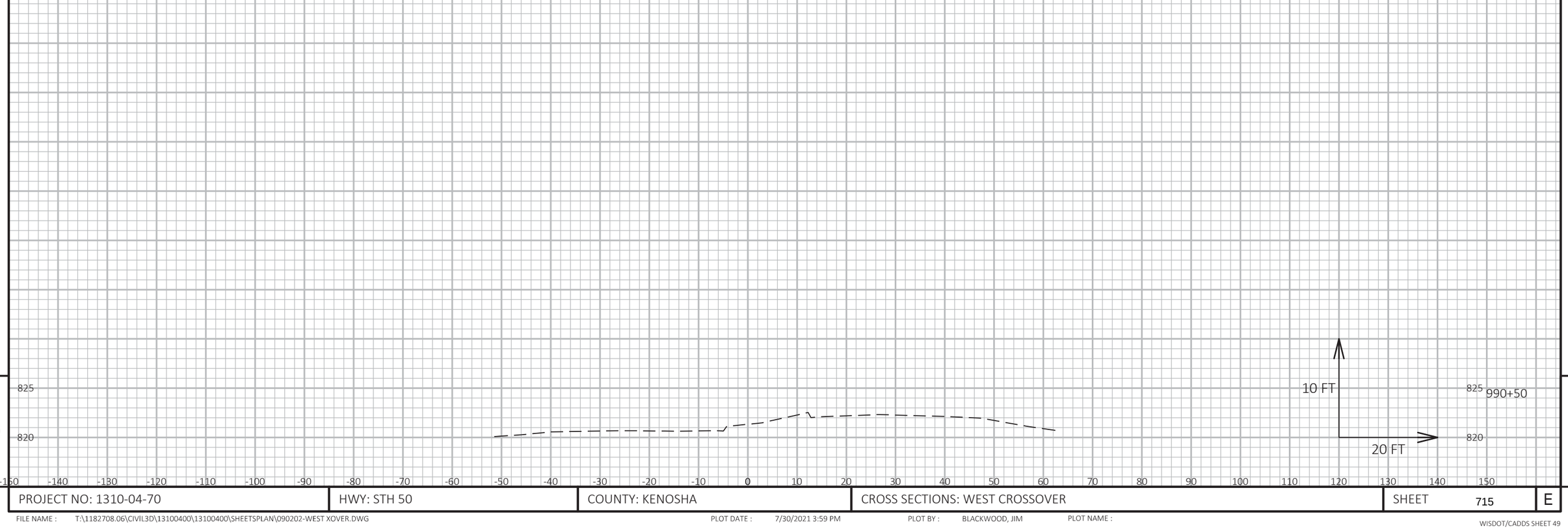


9

9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: WEST CROSSOVER	SHEET 714	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090202-WEST XOVER.DWG PLOT DATE : 7/30/2021 3:59 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

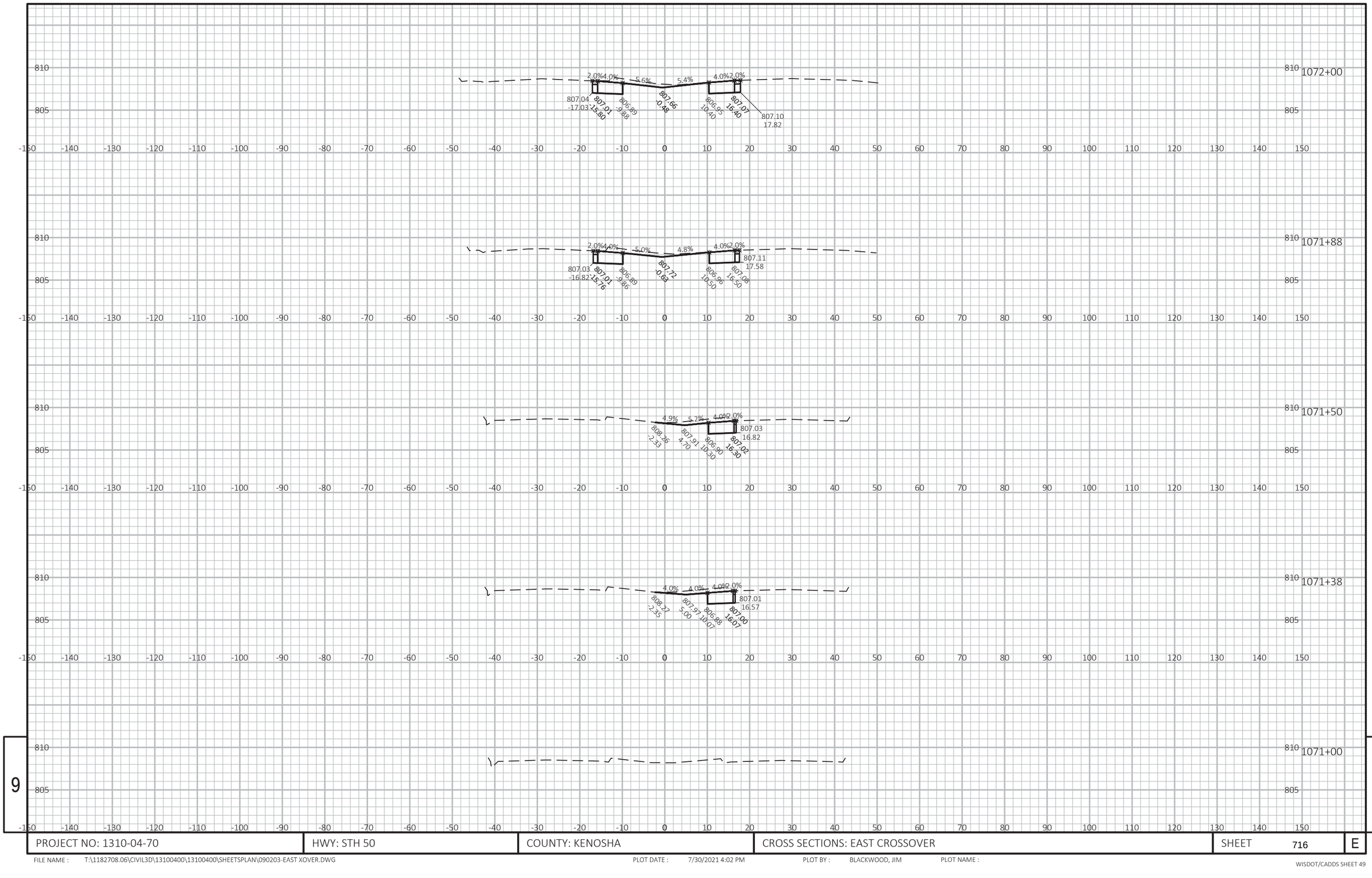


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9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: WEST CROSSOVER	SHEET 715	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090202-WEST XOVER.DWG PLOT DATE : 7/30/2021 3:59 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

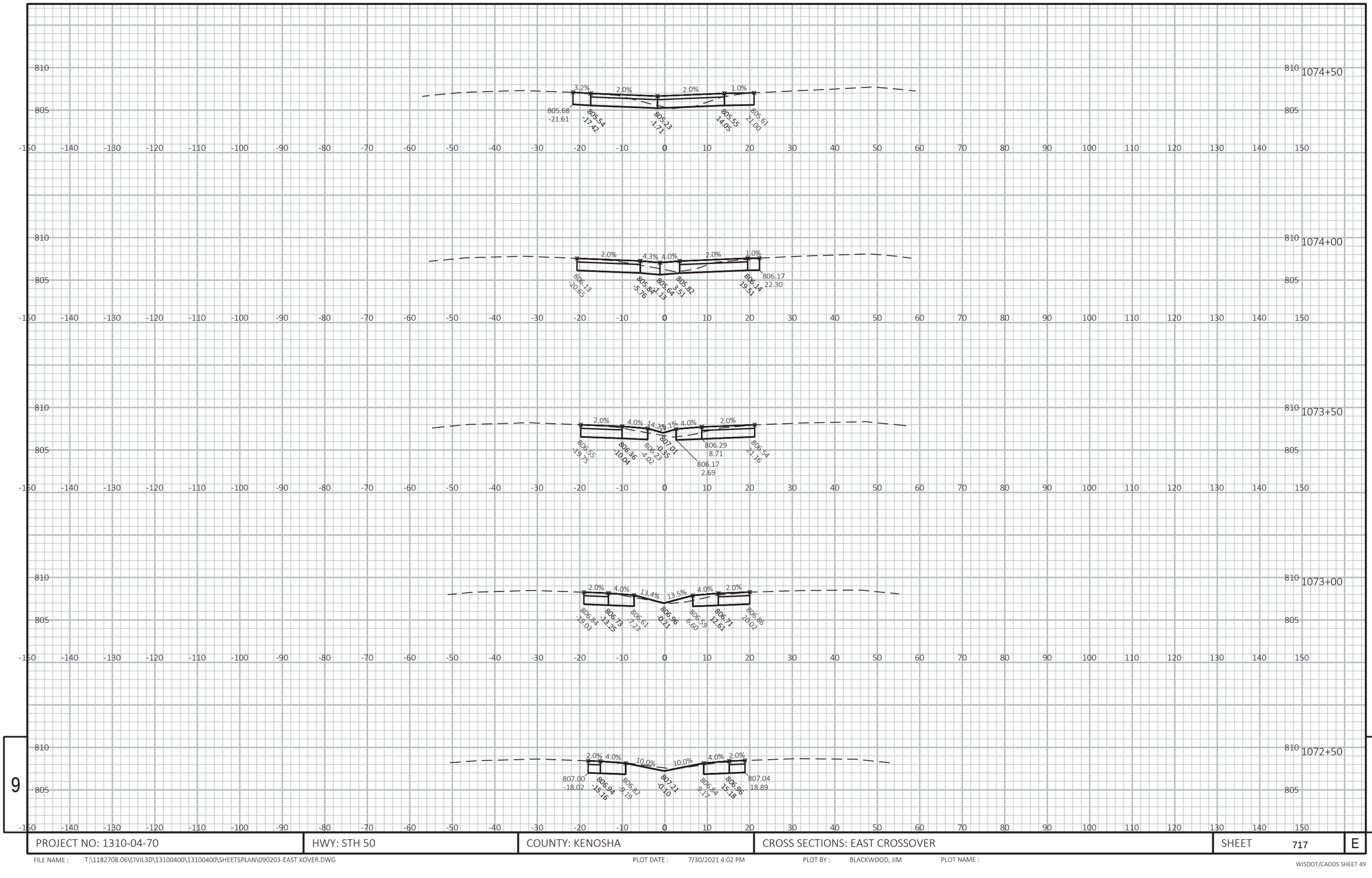


9

9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: EAST CROSSOVER	SHEET 716	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090203-EAST XOVER.DWG PLOT DATE : 7/30/2021 4:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :



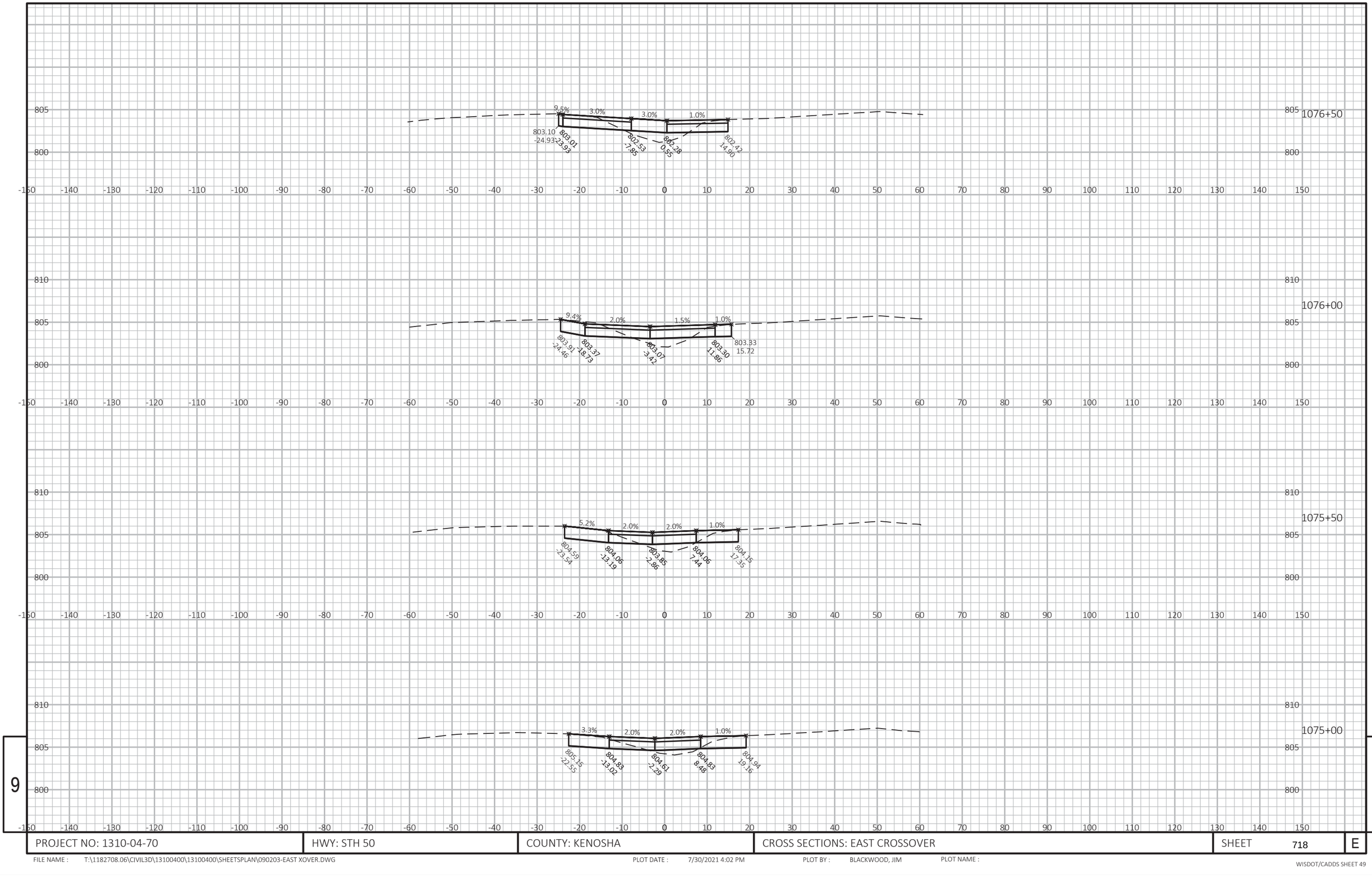
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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: EAST CROSSOVER	SHEET 717	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090203-EAST XOVER.DWG PLOT DATE : 7/30/2021 4:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

WISDOT/CADDS SHEET 49

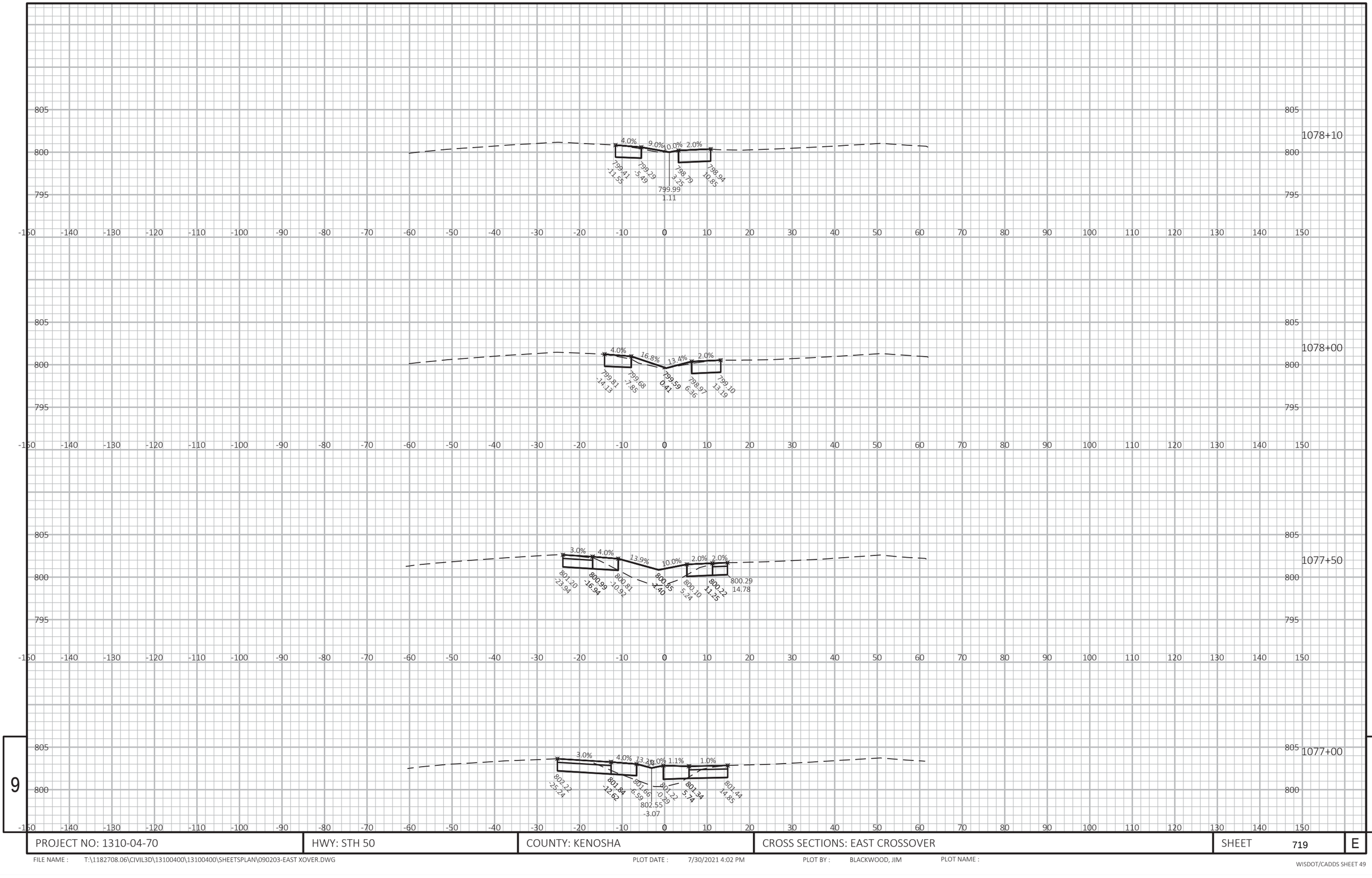


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9

PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: EAST CROSSOVER	SHEET 718	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090203-EAST XOVER.DWG PLOT DATE : 7/30/2021 4:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :

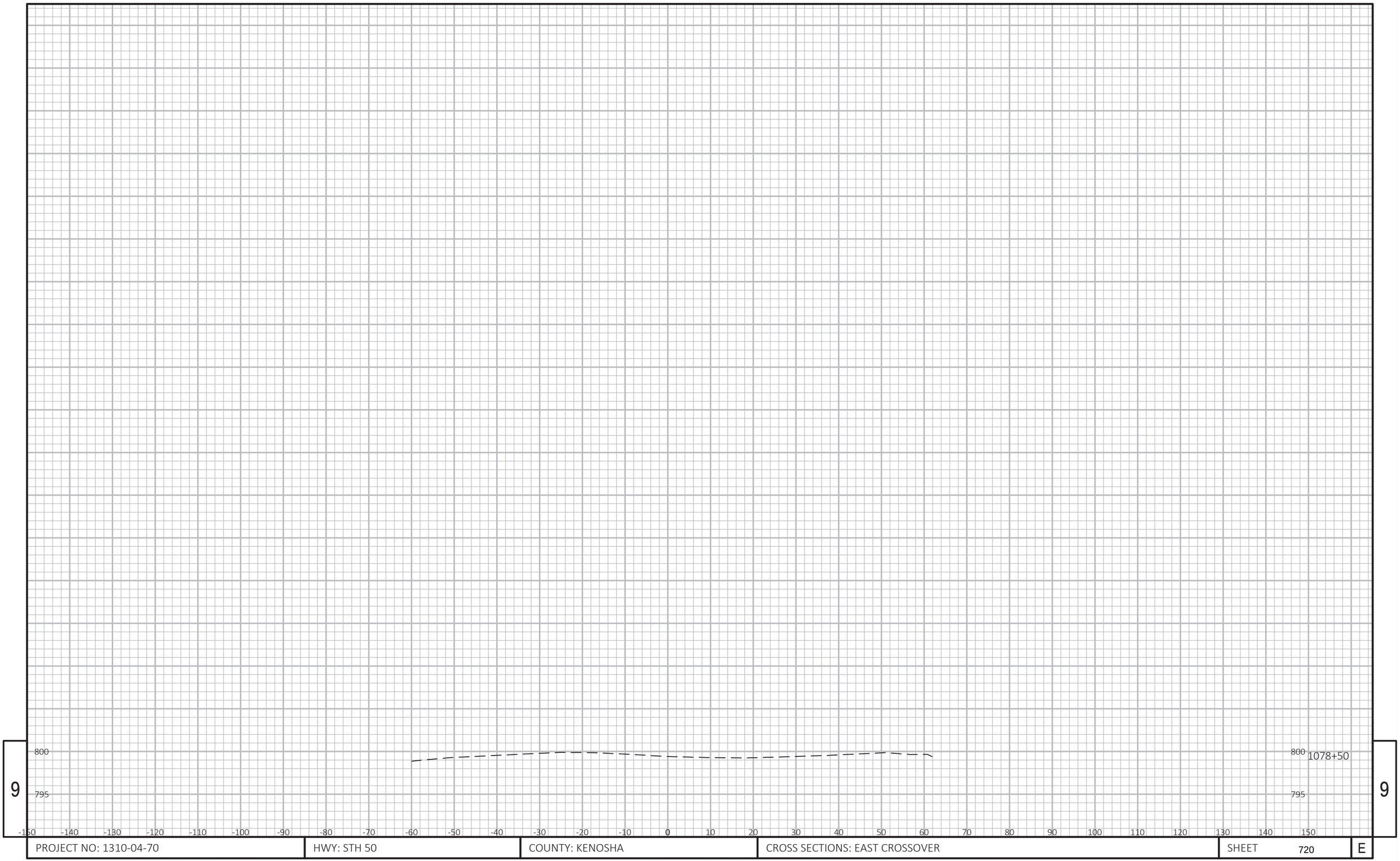


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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: EAST CROSSOVER	SHEET 719	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090203-EAST XOVER.DWG PLOT DATE : 7/30/2021 4:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :



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PROJECT NO: 1310-04-70	HWY: STH 50	COUNTY: KENOSHA	CROSS SECTIONS: EAST CROSSOVER	SHEET 720	E

FILE NAME : T:\1182708.06\CIVIL3D\13100400\13100400\SHEETSPLAN\090203-EAST XOVER.DWG PLOT DATE : 7/30/2021 4:02 PM PLOT BY : BLACKWOOD, JIM PLOT NAME :