PROJECT ID: **2040-14-70**

WITH: N/A

COUNTY: **MILWAUKEE**

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 =



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

LOVERS LANE (CITY OF FRANKLIN)

RAWSON AVE TO COLLEGE AVE

USH 45

MILWAUKEE COUNTY

STATE PROJECT NUMBER
2040-14-70

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
2040-14-70		

60% SUBMITTAL
5/15/2021

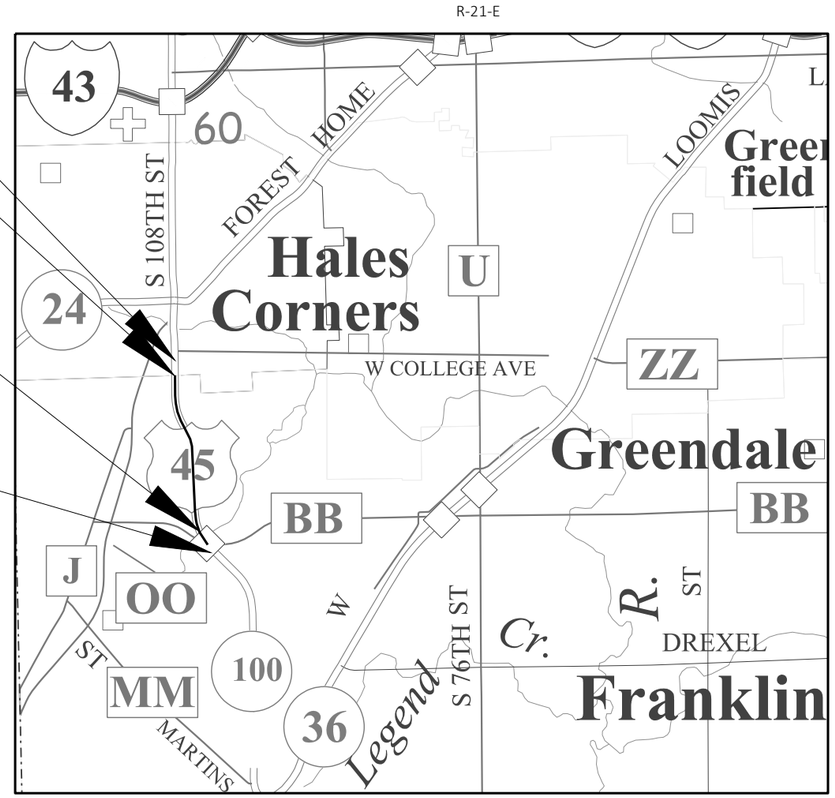
N

END CONSTRUCTION
STA 971+50.00

END PROJECT
STA 968+80.00

BEGIN PROJECT
STA 913+89.19
Y = 254,313.89
X = 569,650.91

BEGIN CONSTRUCTION
STA 904+00.00



LAYOUT

SCALE 0 1 MI

TOTAL NET LENGTH OF CENTERLINE = 1.040 MI.

DESIGN DESIGNATION

A.A.D.T.	2025	=	24,700
A.A.D.T.	2045	=	26,600
D.H.V.		=	10.1%
D.D.		=	58/42
T.		=	6.3%
DESIGN SPEED		=	45-55 MPH*
ESALS		=	1,600,000

* DESIGN SPEED SOUTH OF 923+50 = 55MPH
DESIGN SPEED NORTH OF 923+50 = 45MPH

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

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

UTILITIES

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

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), MILWAUKEE 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 NAVD 88 (2007). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

ORIGINAL PLANS PREPARED BY

BLOOM COMPANIES, LLC
Infrastructure Innovation and Ingenuity

DATE: _____ _____
(Professional Engineer Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	STRAND ASSOCIATES INC.
Designer	BLOOM COMPANIES, LLC
Project Manager	DOUG CAIN, P.E.
Regional Examiner	
Regional Supervisor	

APPROVED FOR THE DEPARTMENT

DATE: _____ _____
(Signature)

PRE_1

E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\010101-TI.DWG PLOT DATE : 5/14/2021 12:34 PM PLOT BY : JAKE BONDHUS PLOT NAME :

GENERAL NOTES

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

THE LOCATION OF STAGING SIGNS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE EXACT NUMBER OF SIGNS AND SIGN LOCATIONS ARE TO BE APPROVED BY THE ENGINEER IN THE FIELD.

ANY CONFLICTING SIGNS SHALL BE COVERED OR REMOVED.

DISTURBED AREAS WITHIN THE RIGHT-OF-WAY SHALL BE RESTORED AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

MISCELLANEOUS REMOVAL ITEMS SHALL BE REMOVED TO AN EXISTING JOINT, SAW CUT WHERE SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

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

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

A SAWED JOINT SHALL BE REQUIRED WHERE NEW PAVEMENT IS TO MEET AN EXISTING PAVED SURFACE.

ABBREVIATIONS

BOC	BACK OF CURB
BP	BREAK POINT
CE	COMMERCIAL ENTRANCE
COR	CORNER
CSCP	CORRUGATED STEEL CULVERT PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
DIM	DIMENSION
e	EXTERNAL DISTANCE
EOP	EDGE OF PAVEMENT
HP	HIGH POINT
L	LENGTH (OF CURVE)
LP	LOW POINT
MAX	MAXIMUM
MIN	MINIMUM
NOR	NORMAL
PE	PRIVATE ENTRANCE
PGL	PROFILE GRADE LINE
PROP	PROPOSED
RCCP	REINFORCED CONCRETE CULVERT PIPE

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

SECTION 2 ORDER OF SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
SUPERELEVATION TRANSITIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
PLAN DETAILS
CURB RAMP DETAILS (LAYOUT FOR REVIEW, ELEVATIONS NOT FOR REVIEW.)
REMOVAL PLANS
EROSION CONTROL (TO BE PROVIDED AT 90%)
DRAINAGE REMOVALS
STORM SEWER PLAN AND PROFILE
STORM WATER DETENTION POND
DRAINAGE SCHEDULE
PERMANENT SIGNING (BY WISDOT TO BE PROVIDED AT 90%)
LIGHTING REMOVAL (TO BE PROVIDED AT 90%)
LIGHTING PLAN (TO BE PROVIDED AT 90%)
TRAFFIC SIGNAL REMOVAL PLAN
TRAFFIC SIGNAL PLAN
PAVEMENT MARKINGS
CONSTRUCTION STAGING OVERVIEW
TRAFFIC CONTROL PLANS
ALIGNMENT PLAN
CONTROL POINT DATA SHEETS (TO BE PROVIDED AT 90%)

2

SECTION CORNER CONTACT INFORMATION
ATTN: ROB MERRY
SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION
W239 N1812 ROCKWOOD DRIVE
P.O. BOX 1607
WAUKESHA, WI 53187-1607
PHONE (262)953-4289
CELL (920)912-1036
FAX (262)547-1103
E-MAIL: RMERRY@SEWRPC.ORG

CONTRACTOR MUST CONTACT THE PROJECT ENGINEER AND SEWRPC (JOHN WASHBURN); AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC SURVEY MONUMENT.

HMA MIX TABLE

TOTAL PAVEMENT DEPTH	LAYER DEPTH	GRADATION TRAFFIC BINDER DESIGNATION
6 3/4 -INCH PAVEMENT	1 3/4-INCH UPPER LAYER 2 1/2-INCH LOWER LAYER 2 1/2-INCH LOWER LAYER	4 MT 58-28 S 3 MT 58-28 S 3 MT 58-28 S
4-INCH SHOULDER (RAWSON NW RAMP)	4-INCH SINGLE LAYER	4 MT 58-28 S
3-INCH ASPHALTIC SURFACE (SHARED USE PATH)	3-INCH SINGLE LAYER	4 MT 58-28 S
2-INCH OVERLAY	2-INCH SINGLE LAYER	4 MT 58-28 S

UTILITIES

AT&T MOBILITY

IFEY ONUA
930 NATIONAL PARKWAY,ROOM 4A01D
SCHAUMBURG, IL 60173
(847) 330-3471
io1826@att.com

AT&T WISCONSIN

MATTHEW DINNAUER
2005 PEWAUKEE RD
WAUKESHA, WI 53188
(262) 896-7690
md9542@att.com

ATC MANAGEMENT, INC ELECTRICITY TRANSMISSION

MIKE OLSEN
801 O'KEEFE RD
P.O. BOX 6113
DE PERE, WI 54115-6113
(920) 338-6582
molsen@atcllc.com

CHARTER COMMUNICATIONS

PETE KRUZELA
1320 N DR MARTIN LUTHER KING DR
MILWAUKEE, WI 53212
(414) 908-1339
wis.engineering@charter.com

CITY OF FRANKLIN

GLEN MORROW
WATER/SEWER/ROAD
9229 W LOOMIS RD
FRANKLIN, WI 53132
(414) 425-7510
gmorrow@franklinwi.gov

ANDREA STORMOEN
STREET LIGHTING
9229 W. LOOMIS ROAD
FRANKLIN, WI 53132
(414) 425-2592
astormoen@franklinwi.gov

VILLAGE OF GREENDALE

TODD MICHAELS
WATER
6500 NORTHWAY
P.O. BOX 257
GREENDALE, WI 53129
(414) 423-2100
tmichaels@greendale.org

CITY OF GREENFIELD

JEFF KATZ
SEWER/ROAD
7325 W FOREST HOME AVE
GREENFIELD, WI 53220
(414) 329-5325
jeffk@greenfieldwi.us

CITY OF MUSKEGO

SCOTT KLOSKOWSKI
SEWER AND WATER
P.O. BOX 749
MUSKEGO, WI 53150-749
(262) 679-4128
skloskowski@ci.muskego.wi.us

CITY OF NEW BERLIN

J.P. WALKER
SEWER/WATER/ROAD
3805 S CASPER DR
NEW BERLIN, WI 53151-5510
(262) 797-2453
jwalker@newberlin.org

FRANKLIN PUBLIC SCHOOLS

MARK CLOUTIER
COMMUNICATION LINE
8255 W FOREST HILL AVE
FRANKLIN, WI 53132
(414) 525-7606
mark.cloutier@franklin.k12.wi.us

LEVEL 3 COMMUNICATIONS

NETWORK RELOCATIONS
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
nationalrelo@centurylink.com

MILWAUKEE COUNTY

DANIEL MURPHY
DEPARTMENT OF PUBLIC WORKS - ROAD FACILITY
10320 WATERTOWN PLANK RD
WAUWATOSA, WI 53226
(414) 257-5942
daniel.murphy@milwaukeecountywi.gov

BLAKE PRUSAK
PARKS DEPARTMENT - ELECTRICITY
1150 N 68TH STREET
MILWAUKEE, WI 53213
blake.prusak@milwaukeecountywi.gov

MMSD

MICKI KLAPPA-SULLIVAN
SEWER
260 W SEEBOTH ST
MILWAUKEE, WI 53204
(414) 225-2178
mklappasullivan@mmsd.com

CITY OF OAK CREEK

BRIAN JOHNSTON
WATER AND SEWER UTILITY
170 W. DREXEL AVE.
OAK CREEK, WI 53154
(414) 570-8200 x 24
bjohnston@water.oak-creek.wi.us

PAETEC COMMUNICATIONS

MARY FISHER
13935 BISHOPS DR
BROOKFIELD, WI 53005
(262) 792-7938
mary.b.fisher@windstream.com

TDS METROCOM

MATTHEW SCHULTE
16924 WEST VICTOR RD
NEW BERLIN, WI 53151
(262) 754-3063
matt.schulte@tdstelecom.com

USDI - GAS/PETROLEUM

MICHAEL WEILER
1927 MILLER DRIVE
OLNEY, IL 62450
(618) 392-5502
mweiler@usdi.us

VILLAGE OF HALES CORNERS

MICHAEL MARTIN
DEPARTMENT OF PUBLIC WORKS
5635 S NEW BERLIN RD
HALES CORNERS, WI 53130
(414) 529-6165
mjmartin@halescorners.org

WISDOT

ERIC PEREA
STREET LIGHTING
141 NW BARSTOW STREET
WAUKESHA, WI 53188
(262) 574-5422
eric.perea@dot.wi.gov

PARWINDER VIRK
WISDOT SIGNALS
141 NW BARSTOW ST
WAUKESHA, WI 53187
(414) 852-0829
PARWINDER.VIRK@DOT.WI.GOV

WE ENERGIES

NICOLE SMULLEN
ELECTRICITY/GAS/PETROLEUM
A299
333 W EVERETT ST
MILWAUKEE, WI 53203
(414) 221-5617
nicole.smullen@wecenergygroup.com

WEST SHORE PIPE LINE CO.

DAVID JONES
GAS/PETROLEUM
FIVE TEK PARK, 9999 HAMILTON BLVD
BREINIGSVILLE, PA 18031
(610) 904-4409
dajones@buckeye.com

NON - UTILITIES

MILWAUKEE COUNTY TRANSIT SYSTEM

MELANIE FLYNN
LEAD & COORDINATOR OF STREET SUPERVISION (ROUTES)
PHONE: (414) 343-1764
MFLYNN@MCTS.ORG

ANDY TILLMAN
TRANSIT PLANNER (STOPS/SHELTERS)
PHONE: (414) 343-1728
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DAVID LOCHER
TRANSPORTATION SPECIALIST (DETOUR/SPECIAL EVENTS)
PHONE: (414) 343-1727
DLOCHER@MCTS.ORG

NON - UTILITIES

MILWAUKEE COUNTY DOT

EDUARDO SANTIAGO
HIGHWAY MAINTENANCE DIRECTOR
MILWAUKEE COUNTY DOT
HIGHWAY MAINTENANCE DIVISION
10190 W. WATERTOWN PLANK RD., 1ST FLOOR
WAUWATOSA, WI 53226
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eduardo.santiago@milwaukeecountywi.gov

ANDREA WEDDLE-HENNING
DIRECTOR OF TRANSPORTATION ENGINEERING
MILWAUKEE COUNTY DOT
TRANSPORTATION SERVICES DIVISION
10320 W. WATERTOWN PLANK RD., 2ND FLOOR
WAUWATOSA, WI 53226
PHONE: (414) 257-5934
andrea.weddle-henning@milwaukeecountywi.gov

CITY OF FRANKLIN

KEVIN SCHLUETER
SUPERINTENDENT OF PUBLIC WORKS
7979 W. RYAN ROAD
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kshlueter@franklinwi.gov

WISDOT CONTACT

DOUG CAIN
WISDOT SOUTHEAST REGION
141 N.W. BARSTOW STREET
WAUKESHA, WI 53188
PH: 262-548-5603
Douglas.Cain@dot.wi.gov

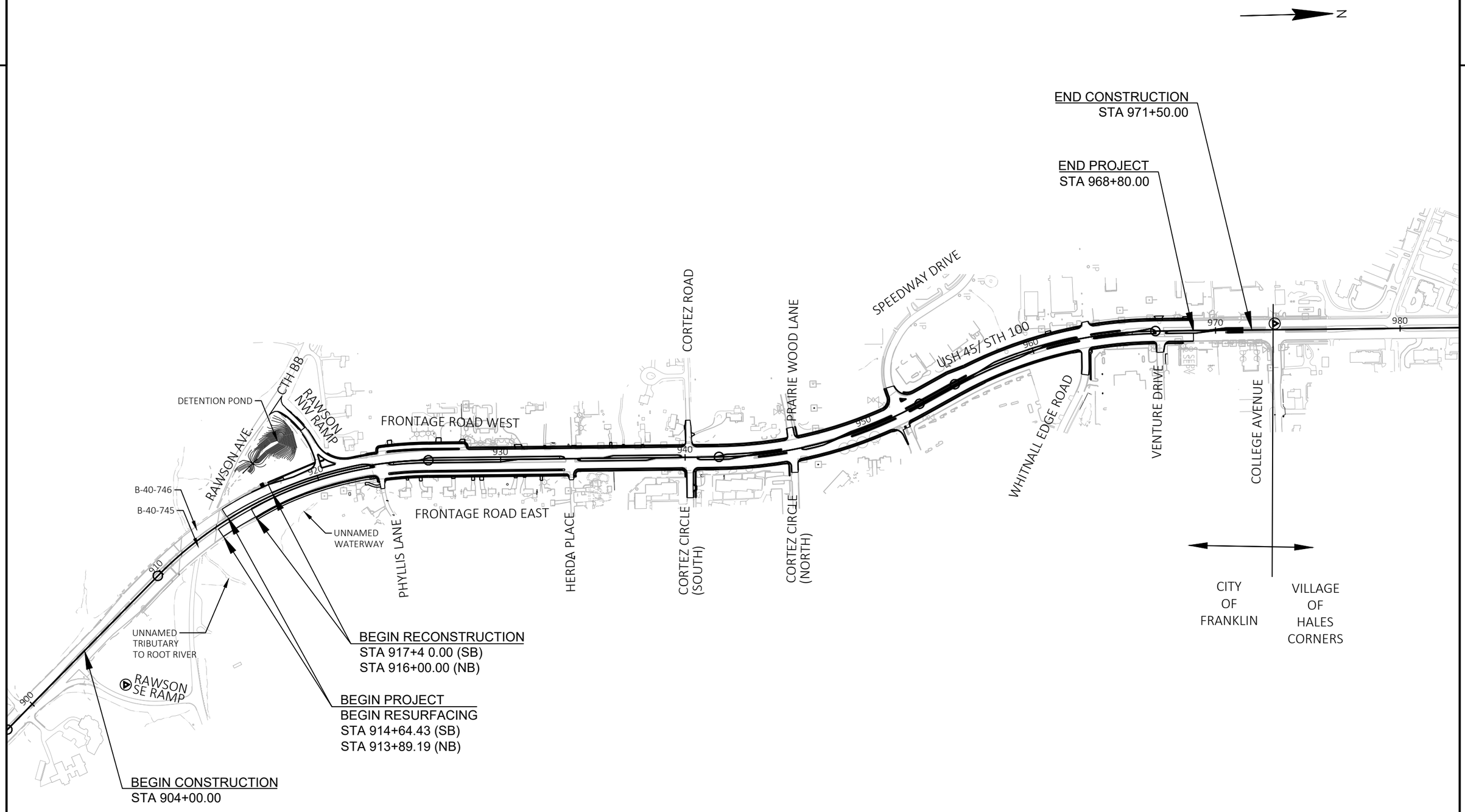
DESIGN CONSULTANT

JACOB BONDHUS
BLOOM COMPANIES
10501 W RESEARCH DR
MILWAUKEE, WI 53226
PH: 414-292-4534
jbondhus@bloomcos.com

WDNR CONTACT

KRISTINA BETZOLD
DNR SOUTHEAST REGION HEADQUARTERS
2300 N. DR. MARTIN LUTHER KING JR. DR.
MILWAUKEE, WI 53212
PH: 414-507-4946
kristina.betzold@wisconsin.gov

2

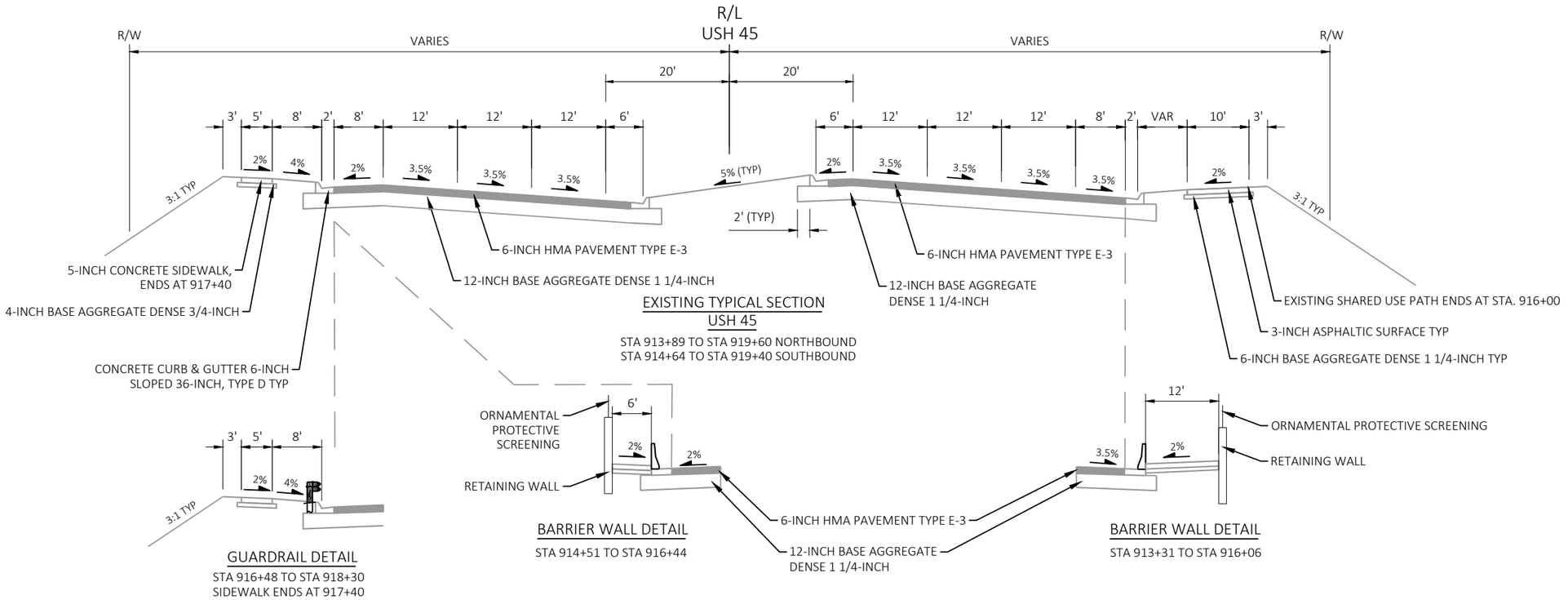


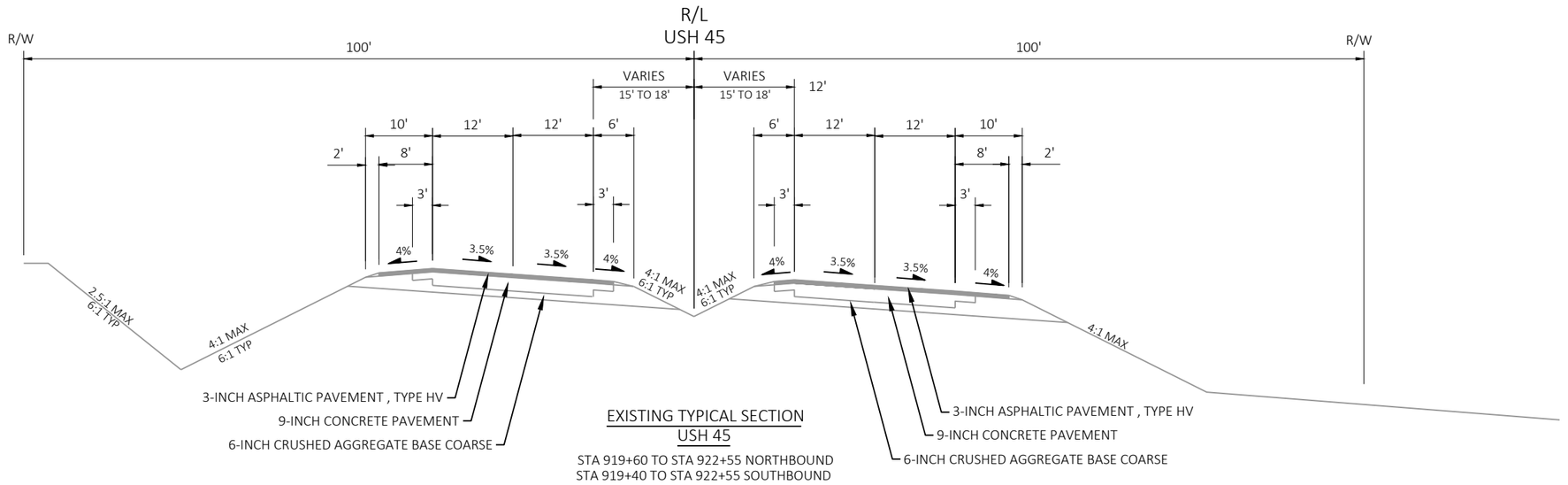
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROJECT OVERVIEW	SHEET E

PRE_4

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LAYOUT NAME - Plan 1 IN 100 FT

PLOT DATE : 5/14/2021 7:48 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:500 FT





PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	EXISTING TYPICAL SECTIONS	SHEET E

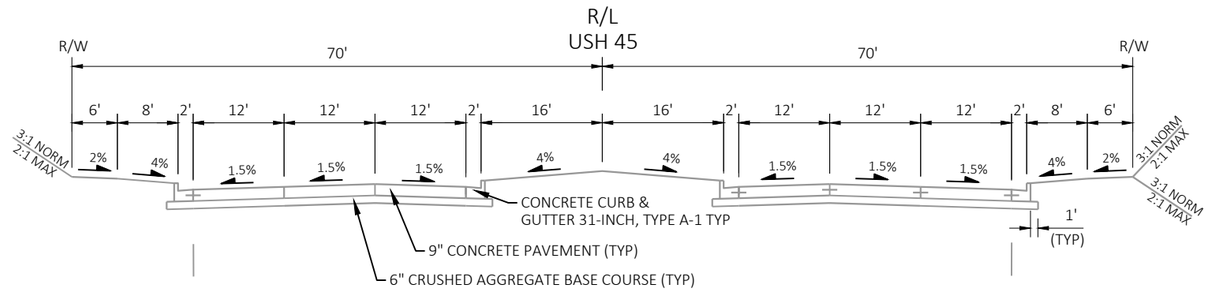
PRE_5

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020301-ts 1in-20ft

PLOT DATE : 5/14/2021 7:48 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:20 FT

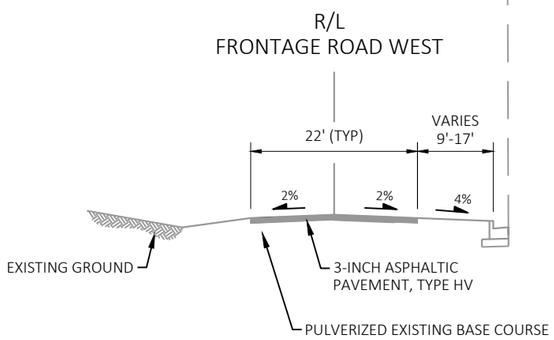
WISDOT/CADDS SHEET 42

2



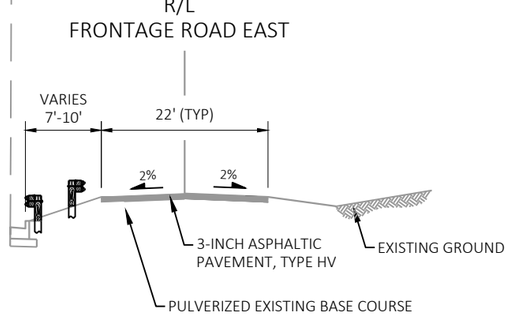
EXISTING TYPICAL SECTION
USH 45

STA 922+55 TO STA 968+80
EXISTING CROSS SLOPES VARY AT
HORIZONTAL CURVES
+2% AND -2% ADJACENT TO
SPEEDWAY DRIVE



EXISTING TYPICAL SECTION
FRONTAGE ROAD WEST

STA 923+43 TO STA 928+19



EXISTING TYPICAL SECTION
FRONTAGE ROAD EAST

STA 923+62 TO STA 933+56

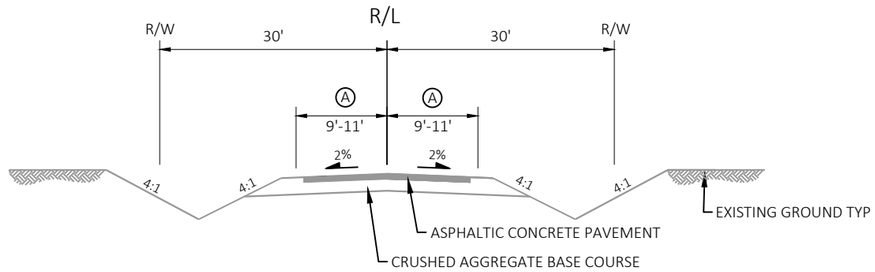
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PRE_6

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\020301-TS.DWG
LAYOUT NAME - 020302-ts 1in-20ft

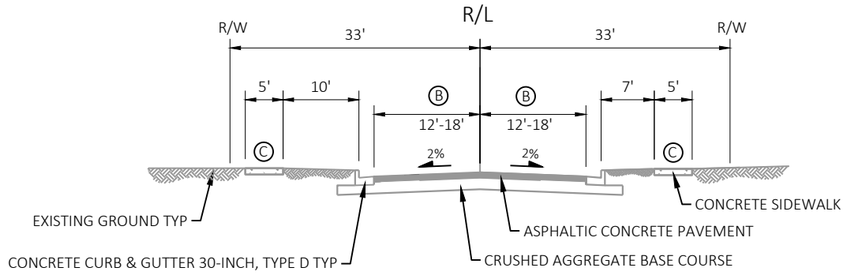
PLOT DATE : 5/14/2021 7:48 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:20 FT

2



EXISTING TYPICAL SECTION
PHYLLIS LANE
HERDA PLACE
CORTEZ ROAD

Ⓐ PHYLLIS LANE = 9'
HERDA PLACE = 9'
CORTEZ ROAD = 11'



EXISTING TYPICAL SECTION
CORTEZ CIRCLE
PRAIRIE WOOD LANE
SPEEDWAY DRIVE

Ⓑ CORTEZ CIRCLE = 16'
PRAIRIE WOOD LANE = 12'
SPEEDWAY DRIVE = 18'

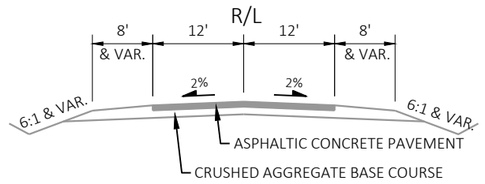
Ⓒ EXISTING SIDEWALK ONLY AT
PRAIRIE WOOD LANE LT AND
SPEEDWAY DRIVE RT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	EXISTING TYPICAL SECTIONS	SHEET E

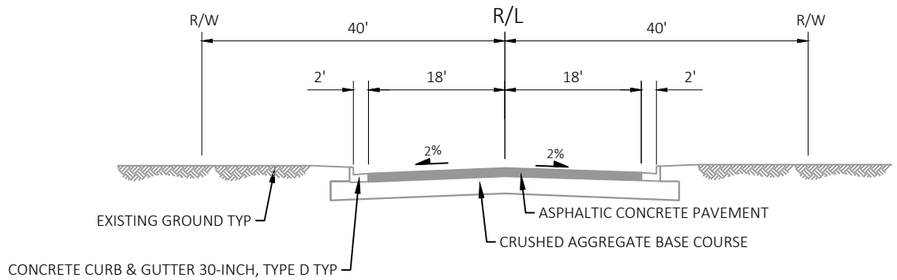
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LAYOUT NAME - 020303-ts 1in-20ft

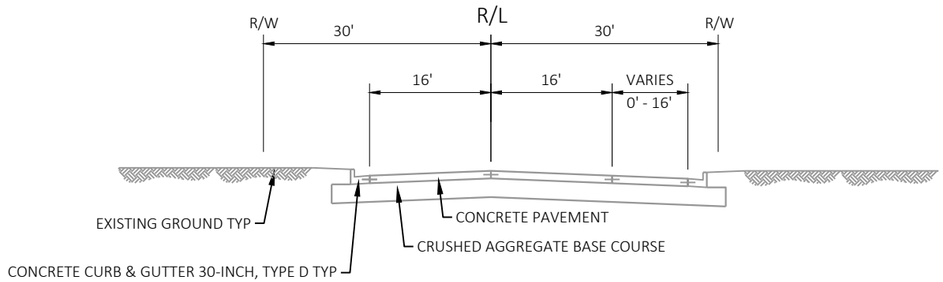
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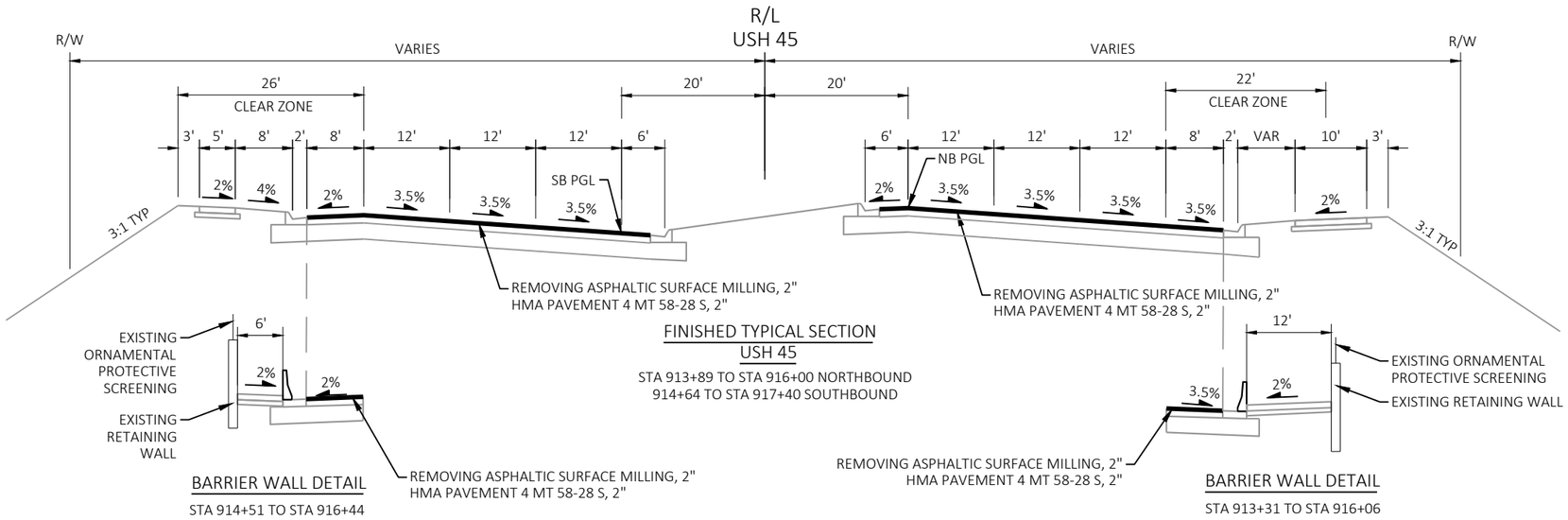
EXISTING TYPICAL SECTION
RAWSON NW RAMP
STA 245+23 TO STA 248+40



EXISTING TYPICAL SECTION
WHITNALL EDGE ROAD



EXISTING TYPICAL SECTION
VENTURE DRIVE



BARRIER WALL DETAIL

STA 914+51 TO STA 916+44

FINISHED TYPICAL SECTION
USH 45

STA 913+89 TO STA 916+00 NORTHBOUND
914+64 TO STA 917+40 SOUTHBOUND

BARRIER WALL DETAIL

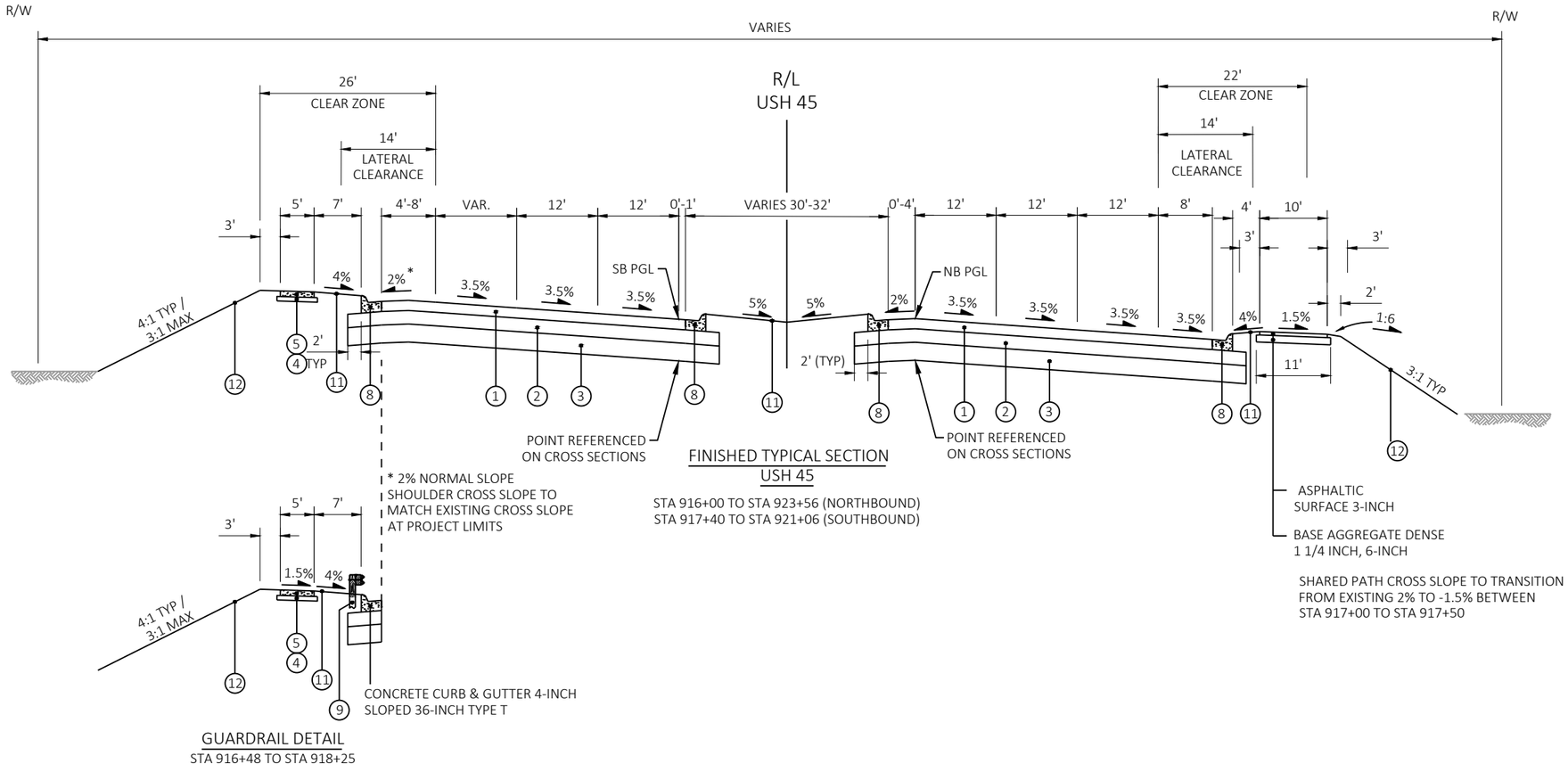
STA 913+31 TO STA 916+06

LEGEND

1. HMA PAVEMENT - 6.75" THICKNESS
   UPPER LIFT 4 MT 58-28 S, 1 3/4"
   LOWER LIFT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
3. BREAKER RUN 16-INCH
4. BASE AGGREGATE DENSE 1 1/4-INCH, 4-INCH, 6' WIDTH
5. CONCRETE SIDEWALK 5-INCH
6. CONCRETE CURB & GUTTER 18-INCH TYPE D
7. CONCRETE CURB & GUTTER 30-INCH TYPE D
8. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
9. GUARDRAIL STIFFENED LHW
10. BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
11. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND EROSION MAT URBAN CLASS I TYPE A
12. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND MULCHING

NOTES

1. PGL IS THE POINT REFERENCED ON THE PROFILE.
2. THE 4' WIDTH BEYOND THE OUTSIDE LANE IS AN URBAN PAVED SHOULDER.
3. WHEN THE MEDIAN IS LESS THAN 8' WIDE (BOC TO BOC) THE SEEDING SHALL BE REPLACED WITH CONCRETE SIDEWALK 5-INCH.
4. SIDE ROAD STATION LIMITS ARE LISTED TO USH 45 INTERSECTION.
5. SEE PLANS AND DETAILS FOR LIMITS OF SIDE ROAD CURB AND GUTTER.



FINISHED TYPICAL SECTION
USH 45

STA 916+00 TO STA 923+56 (NORTHBOUND)
STA 917+40 TO STA 921+06 (SOUTHBOUND)

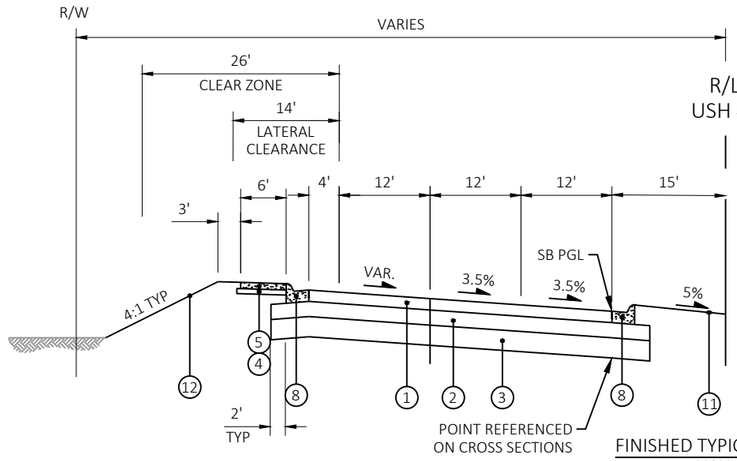
GUARDRAIL DETAIL

STA 916+48 TO STA 918+25

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	FINISHED TYPICAL SECTIONS	SHEET E

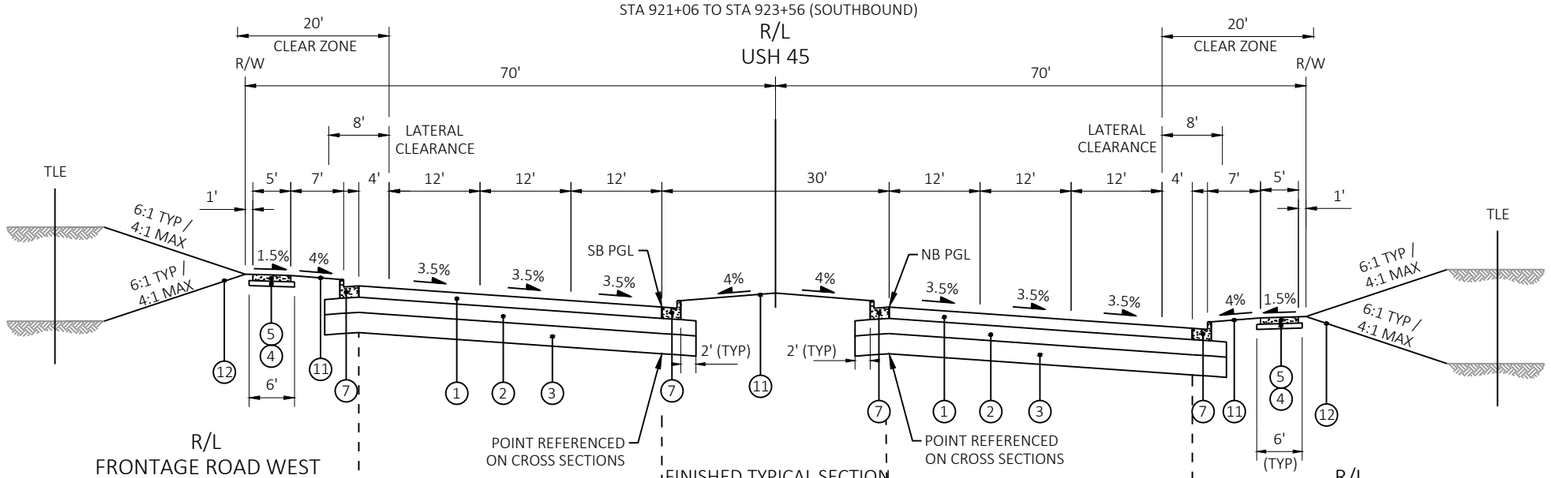
PRE_9

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LAYOUT NAME - 020301
PLOT DATE : 5/14/2021 12:34 PM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

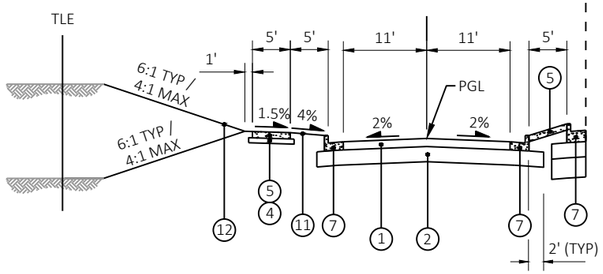


FINISHED TYPICAL SECTION
USH 45

STA 921+06 TO STA 923+56 (SOUTHBOUND)



R/L
FRONTAGE ROAD WEST

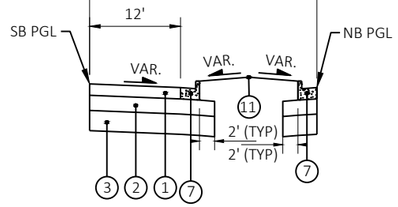


FINISHED TYPICAL SECTION
FRONTAGE ROAD WEST

STA 924+31 TO STA 928+13 (USH 45)
STA 325+39 TO STA 329+37
(FRONTAGE ROAD WEST)

FINISHED TYPICAL SECTION
USH 45

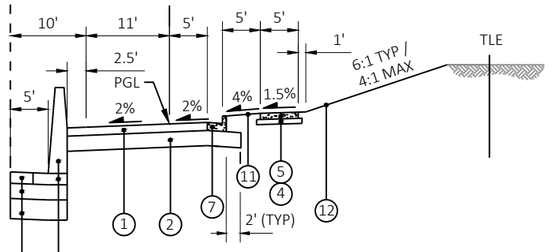
STA 923+56 TO STA 928+31
INCLUDES S.E. TRANSITION
FROM 925+48 TO 928+31



SOUTHBOUND LEFT TURN LANE DETAIL

STA 923+89 TO STA 925+55

R/L
FRONTAGE ROAD EAST



CONCRETE BARRIER
TYPE S32A

FINISHED TYPICAL SECTION
FRONTAGE ROAD EAST

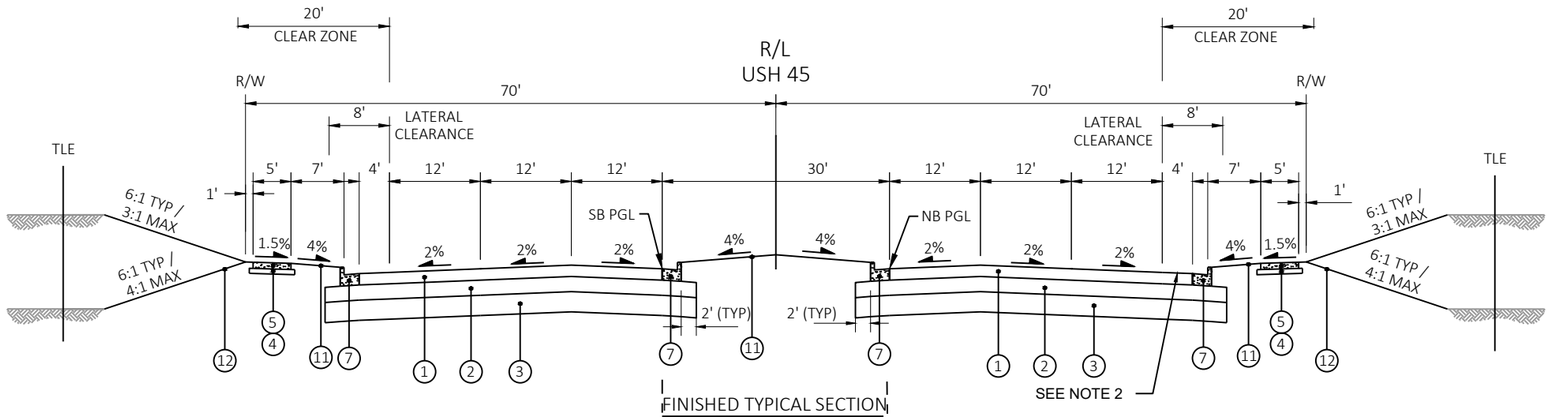
STA 923+48 TO STA 933+82 (USH 45)
STA 350+00 TO STA 360+25
(FRONTAGE ROAD EAST)

LEGEND

1. HMA PAVEMENT - 6.75" THICKNESS
   UPPER LIFT 4 MT 58-28 S, 1 3/4"
   LOWER LIFT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
3. BREAKER RUN 16-INCH
4. BASE AGGREGATE DENSE 1 1/4-INCH, 4-INCH, 6' WIDTH
5. CONCRETE SIDEWALK 5-INCH
6. CONCRETE CURB & GUTTER 18-INCH TYPE D
7. CONCRETE CURB & GUTTER 30-INCH TYPE D
8. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
9. GUARDRAIL STIFFENED LHW
10. BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
11. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND EROSION MAT URBAN CLASS I TYPE A
12. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND MULCHING

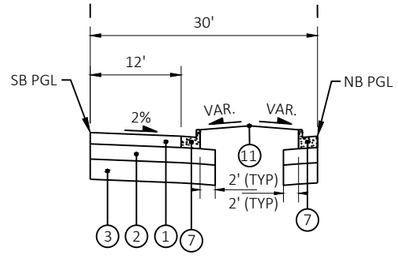
NOTES

1. PGL IS THE POINT REFERENCED ON THE PROFILE.
2. THE 4' WIDTH BEYOND THE OUTSIDE LANE IS AN URBAN PAVED SHOULDER.
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4. SIDE ROAD STATION LIMITS ARE LISTED TO USH 45 INTERSECTION.
5. SEE PLANS AND DETAILS FOR LIMITS OF SIDE ROAD CURB AND GUTTER.



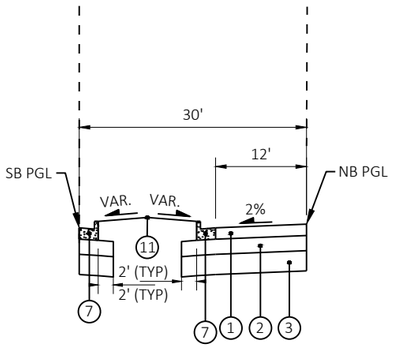
FINISHED TYPICAL SECTION
USH 45

STA 928+31 TO STA 940+34
STA 967+33 TO STA 968+80



SOUTHBOUND LEFT TURN LANE DETAIL

STA 934+16 TO STA 935+55
STA 967+29 TO STA 969+59



NORTHBOUND LEFT TURN LANE DETAIL

STA 930+95 TO STA 933+48
STA 938+45 TO STA 939+72

LEGEND

1. HMA PAVEMENT - 6.75" THICKNESS
   UPPER LIFT 4 MT 58-28 S, 1 3/4"
   LOWER LIFT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
3. BREAKER RUN 16-INCH
4. BASE AGGREGATE DENSE 1 1/4-INCH, 4-INCH, 6' WIDTH
5. CONCRETE SIDEWALK 5-INCH
6. CONCRETE CURB & GUTTER 18-INCH TYPE D
7. CONCRETE CURB & GUTTER 30-INCH TYPE D
8. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
9. GUARDRAIL STIFFENED LHW
10. BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
11. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND EROSION MAT URBAN CLASS I TYPE A
12. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND MULCHING

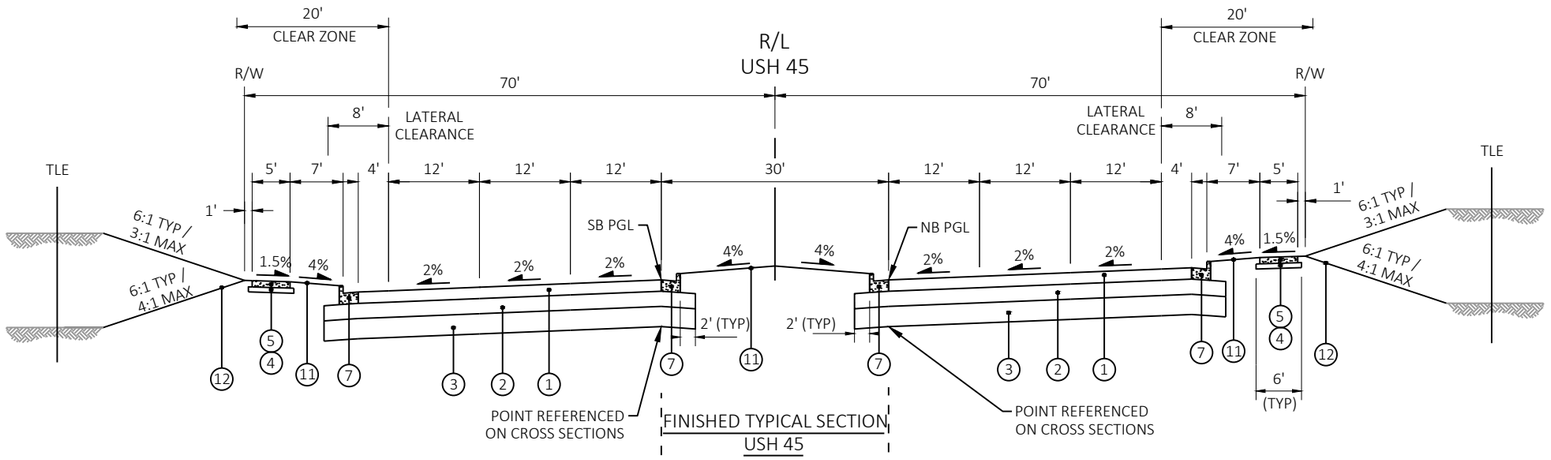
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5. SEE PLANS AND DETAILS FOR LIMITS OF SIDE ROAD CURB AND GUTTER.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	FINISHED TYPICAL SECTIONS	SHEET E

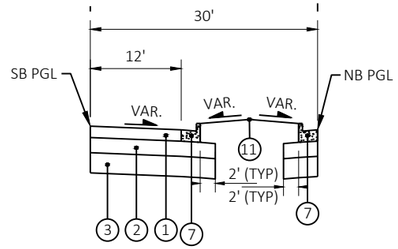
PRE_11

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\020302-TS.DWG
LAYOUT NAME - 020303
PLOT DATE : 5/14/2021 12:34 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42



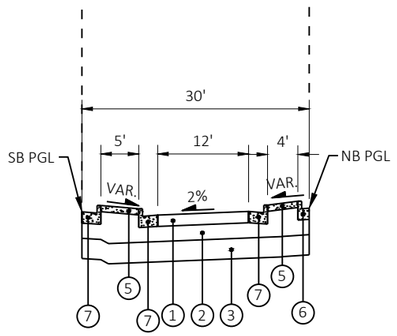
FINISHED TYPICAL SECTION
USH 45

STA 940+34 TO STA 954+28
INCLUDES S.E. TRANSITION
FROM 940+34 TO 942+13, AND
FROM 952+64 TO 954+28



SOUTHBOUND LEFT TURN LANE DETAIL

STA 940+79 TO STA 941+70



NORTHBOUND SLOTTED LEFT TURN LANE DETAIL

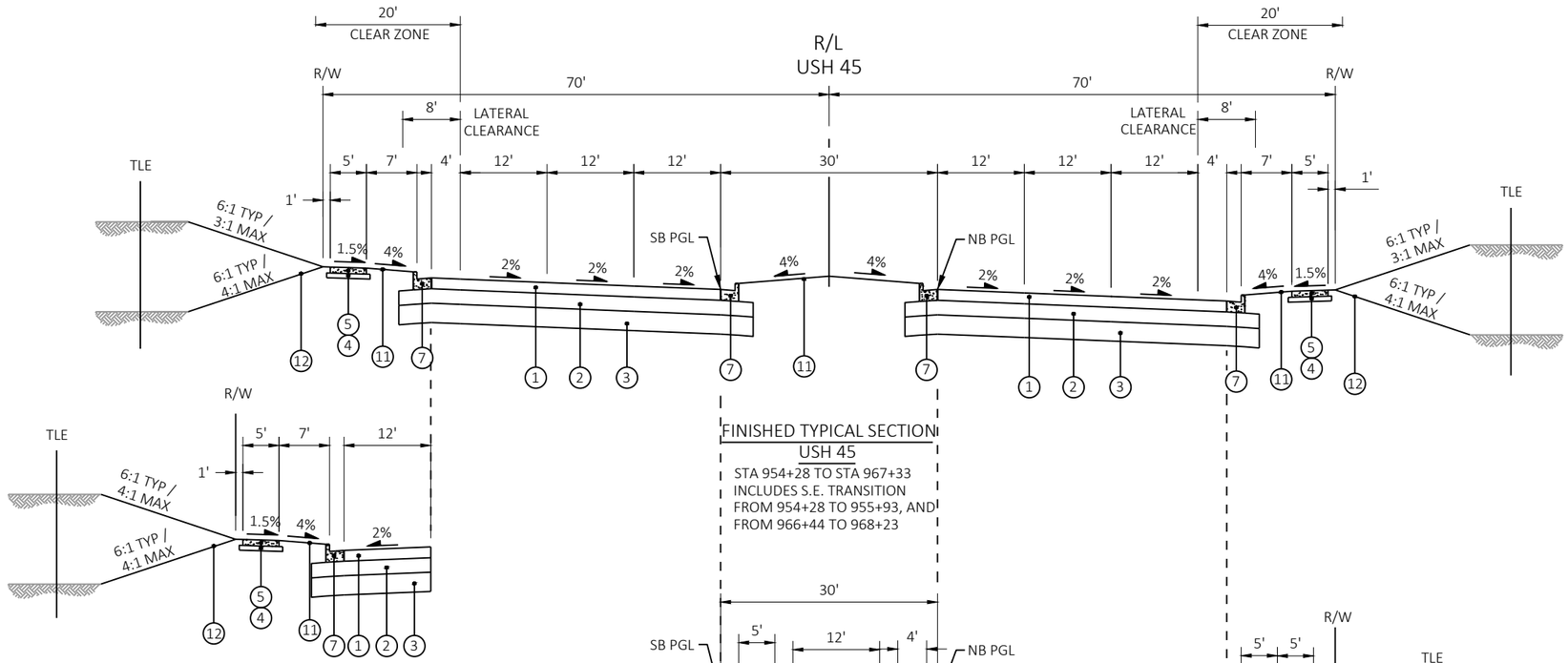
STA 943+95 TO STA 945+52 (S.E. = 2% TOWARDS SB PGL)
STA 949+40 TO STA 951+70 (S.E. = 2% TOWARDS SB PGL)

LEGEND

1. HMA PAVEMENT - 6.75" THICKNESS
   UPPER LIFT 4 MT 58-28 S, 1 3/4"
   LOWER LIFT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
3. BREAKER RUN 16-INCH
4. BASE AGGREGATE DENSE 1 1/4-INCH, 4-INCH, 6' WIDTH
5. CONCRETE SIDEWALK 5-INCH
6. CONCRETE CURB & GUTTER 18-INCH TYPE D
7. CONCRETE CURB & GUTTER 30-INCH TYPE D
8. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
9. GUARDRAIL STIFFENED LHW
10. BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
11. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND EROSION MAT URBAN CLASS I TYPE A
12. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND MULCHING

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4. SIDE ROAD STATION LIMITS ARE LISTED TO USH 45 INTERSECTION.
5. SEE PLANS AND DETAILS FOR LIMITS OF SIDE ROAD CURB AND GUTTER.

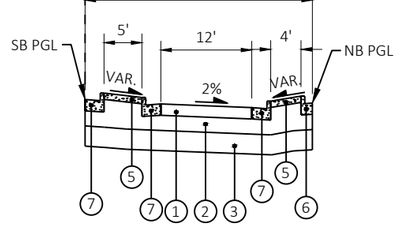


FINISHED TYPICAL SECTION
USH 45

STA 954+28 TO STA 967+33
INCLUDES S.E. TRANSITION
FROM 954+28 TO 955+93, AND
FROM 966+44 TO 968+23

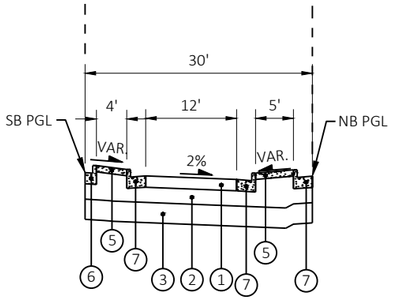
RIGHT TURN LANE TO SPEEDWAY DRIVE DETAIL

STA 952+68 TO STA 955+30



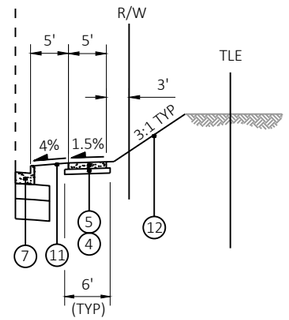
NORTHBOUND SLOTTED LEFT TURN LANE DETAIL

STA 960+74 TO STA 962+60 (S.E. = 2% TOWARDS NB PGL)



SOUTHBOUND SLOTTED LEFT TURN LANE DETAIL

STA 952+39 TO STA 956+15 (S.E. = 2% TOWARDS SB PGL)
STA 963+22 TO STA 965+14 (S.E. = 2% TOWARDS NB PGL)



5' TERRACE DETAIL

STA 957+00 TO STA 962+00

LEGEND

1. HMA PAVEMENT - 6.75" THICKNESS
   UPPER LIFT 4 MT 58-28 S, 1 3/4"
   LOWER LIFT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
3. BREAKER RUN 16-INCH
4. BASE AGGREGATE DENSE 1 1/4-INCH, 4-INCH, 6' WIDTH
5. CONCRETE SIDEWALK 5-INCH
6. CONCRETE CURB & GUTTER 18-INCH TYPE D
7. CONCRETE CURB & GUTTER 30-INCH TYPE D
8. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
9. GUARDRAIL STIFFENED LHW
10. BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
11. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND EROSION MAT URBAN CLASS I TYPE A
12. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND MULCHING

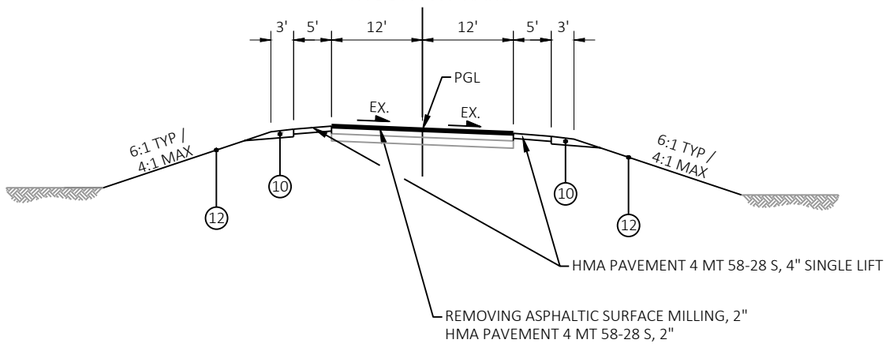
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4. SIDE ROAD STATION LIMITS ARE LISTED TO USH 45 INTERSECTION.
5. SEE PLANS AND DETAILS FOR LIMITS OF SIDE ROAD CURB AND GUTTER.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	FINISHED TYPICAL SECTIONS	SHEET E

PRE_13

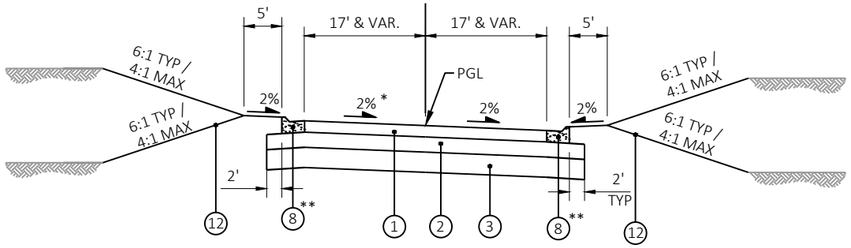
R/L
RAWSON NW RAMP



FINISHED TYPICAL SECTION
RAWSON NW RAMP

STA 245+23 TO STA 247+19

R/L
RAWSON NW RAMP



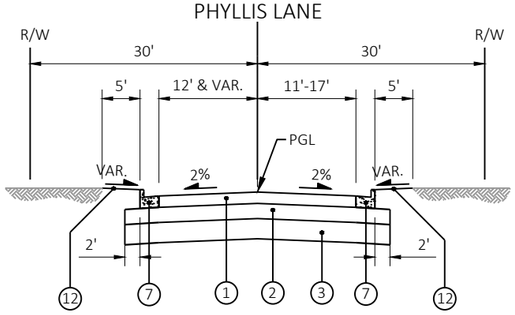
* CROSS SLOPE VARIES WITHIN LIMITS OF RIGHT TURN LANE

FINISHED TYPICAL SECTION
RAWSON NW RAMP

STA 247+19 TO STA 250+00

** CURB AND GUTTER ENDS AT STA 247+75

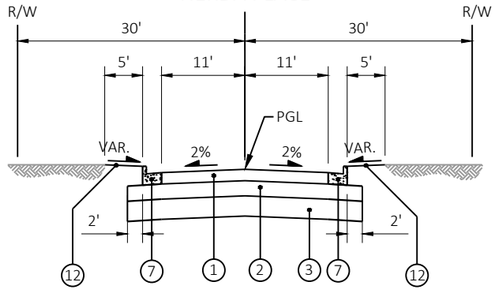
R/L
PHYLLIS LANE



FINISHED TYPICAL SECTION
PHYLLIS LANE

STA 300+00 TO STA 301+35

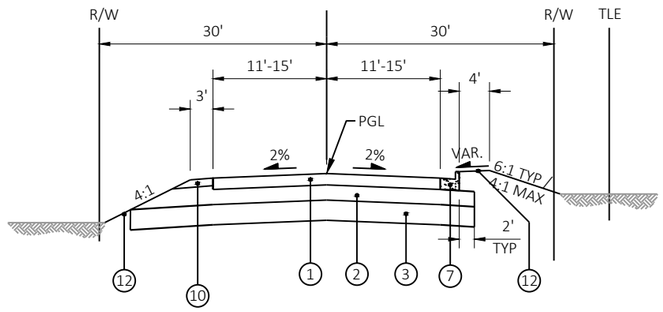
R/L
HERDA PLACE



FINISHED TYPICAL SECTION
HERDA PLACE

STA 400+00 TO STA 401+14

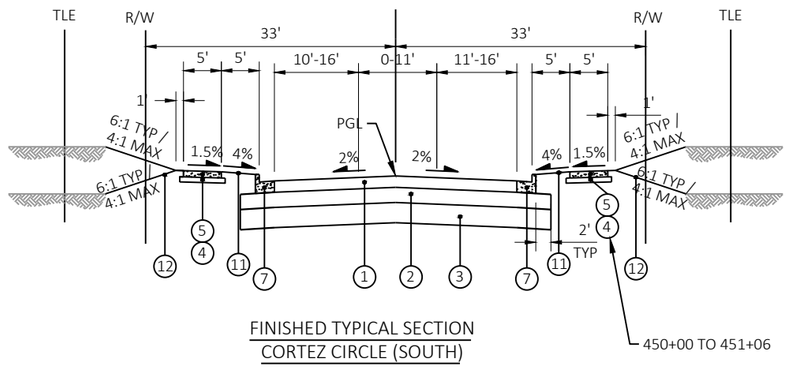
R/L
CORTEZ ROAD



FINISHED TYPICAL SECTION
CORTEZ ROAD

STA 447+99 TO STA 450+00

R/L
CORTEZ CIRCLE (SOUTH)



FINISHED TYPICAL SECTION
CORTEZ CIRCLE (SOUTH)

STA 450+00 TO STA 452+19

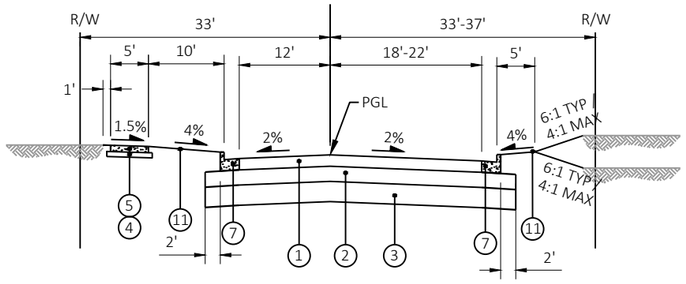
LEGEND

1. HMA PAVEMENT - 6.75" THICKNESS
   UPPER LIFT 4 MT 58-28 S, 1 3/4"
   LOWER LIFT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
3. BREAKER RUN 16-INCH
4. BASE AGGREGATE DENSE 1 1/4-INCH, 4-INCH, 6' WIDTH
5. CONCRETE SIDEWALK 5-INCH
6. CONCRETE CURB & GUTTER 18-INCH TYPE D
7. CONCRETE CURB & GUTTER 30-INCH TYPE D
8. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
9. GUARDRAIL STIFFENED LHW
10. BASE AGGREGATE DENSE 1 1/4-INCH, 6-INCH
11. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND EROSION MAT URBAN CLASS I TYPE A
12. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND MULCHING

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5. SEE PLANS AND DETAILS FOR LIMITS OF SIDE ROAD CURB AND GUTTER.

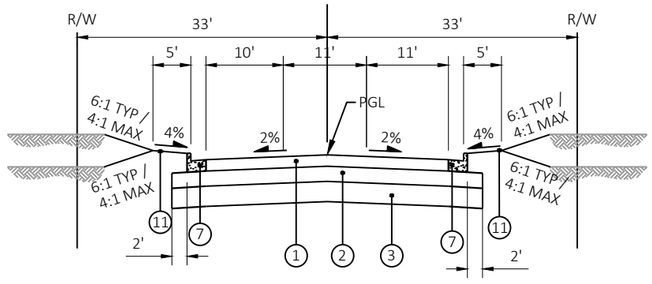
R/L
PRAIRIEWOOD LANE



FINISHED TYPICAL SECTION
PRAIRIEWOOD LANE

STA 498+80 TO STA 500+00

R/L
CORTEZ CIRCLE (NORTH)



FINISHED TYPICAL SECTION
CORTEZ CIRCLE (NORTH)

STA 500+00 TO STA 501+25

R/L
WHITNALL EDGE ROAD

FINISHED TYPICAL SECTION
WHITNALL EDGE ROAD

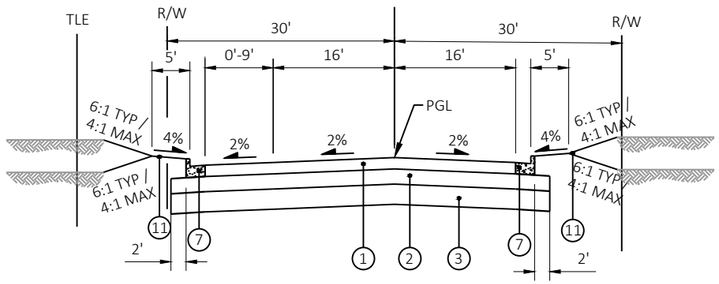
STA 600+00 TO STA 602+00

R/L
SPEEDWAY DRIVE

FINISHED TYPICAL SECTION
SPEEDWAY DRIVE

STA 548+44 TO STA 550+78

R/L
VENTURE DRIVE



FINISHED TYPICAL SECTION
VENTURE DRIVE

STA 650+00 TO STA 651+15

LEGEND

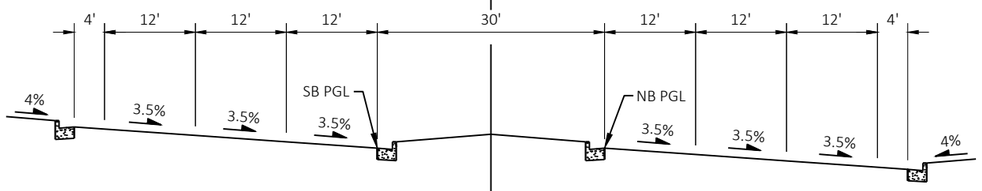
1. HMA PAVEMENT - 6.75" THICKNESS
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   LOWER LIFT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
2. BASE AGGREGATE DENSE 1 1/4-INCH, 12-INCH
3. BREAKER RUN 16-INCH
4. BASE AGGREGATE DENSE 1 1/4-INCH, 4-INCH, 6' WIDTH
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7. CONCRETE CURB & GUTTER 30-INCH TYPE D
8. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
9. GUARDRAIL STIFFENED LHW
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12. TOPSOIL; FERTILIZER TYPE B; SEEDING MIXTURE NO. 30; AND MULCHING

NOTES

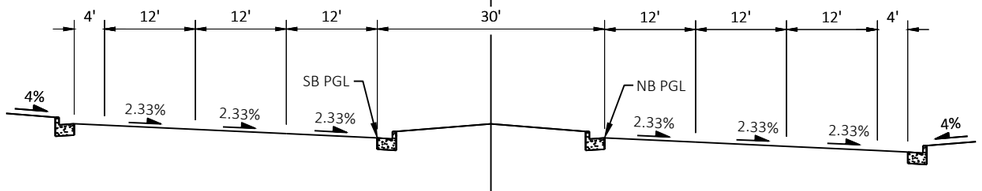
1. PGL IS THE POINT REFERENCED ON THE PROFILE.
2. THE 4' WIDTH BEYOND THE OUTSIDE LANE IS AN URBAN PAVED SHOULDER.
3. WHEN THE MEDIAN IS LESS THAN 8' WIDE (BOC TO BOC) THE SEEDING SHALL BE REPLACED WITH CONCRETE SIDEWALK 5-INCH.
4. SIDE ROAD STATION LIMITS ARE LISTED TO USH 45 INTERSECTION.
5. SEE PLANS AND DETAILS FOR LIMITS OF SIDE ROAD CURB AND GUTTER.

NOTE:
TURN LANES ARE NOT SHOWN.

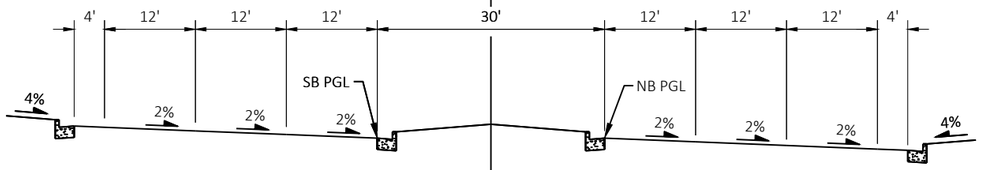
R/L
USH 45



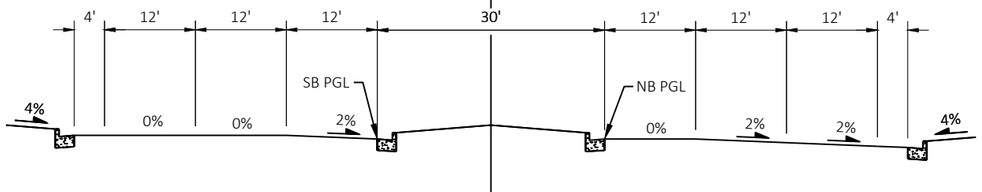
STA 925+48
(FULL S.E. ENDS)



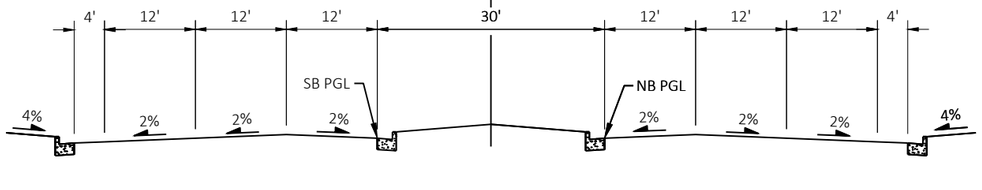
STA 926+08.36
(PT)



STA 926+25

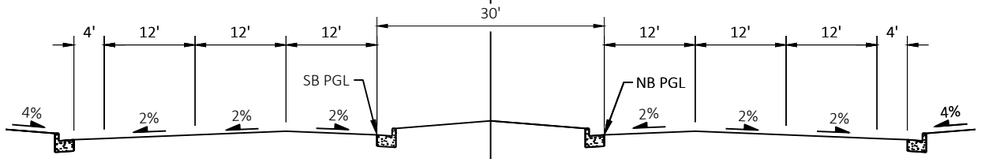


STA 927+28

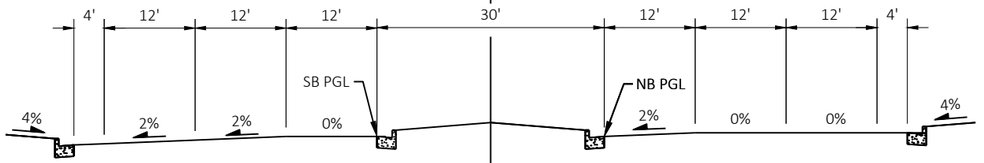


STA 928+31
(NORMAL CROWN
BEGINS)

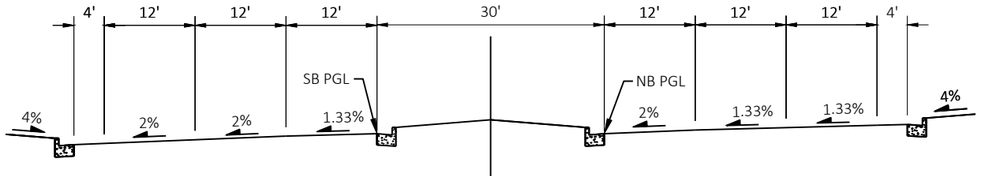
R/L
USH 45



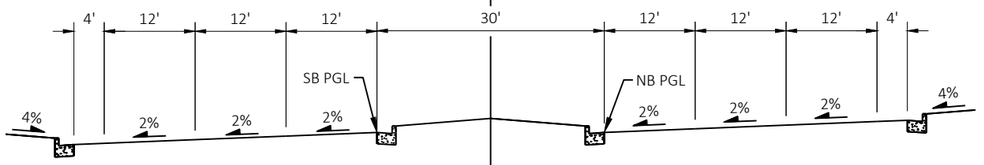
STA 940+34
(NORMAL CROWN
ENDS)



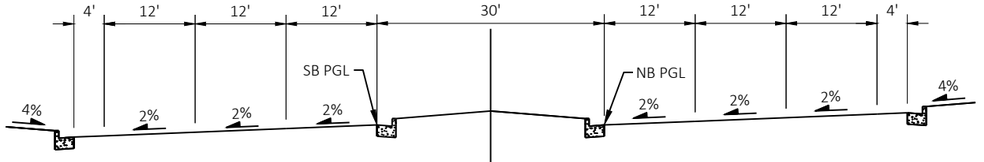
ST 941+24



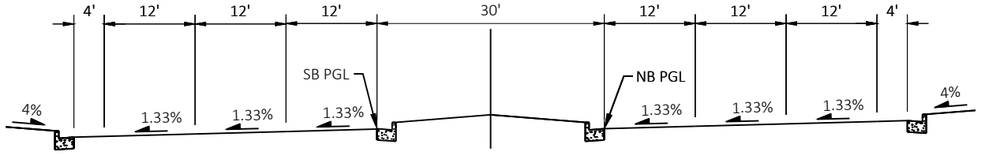
STA 941+83.21
(PC)



STA 942+13
(FULL S.E. BEGINS)

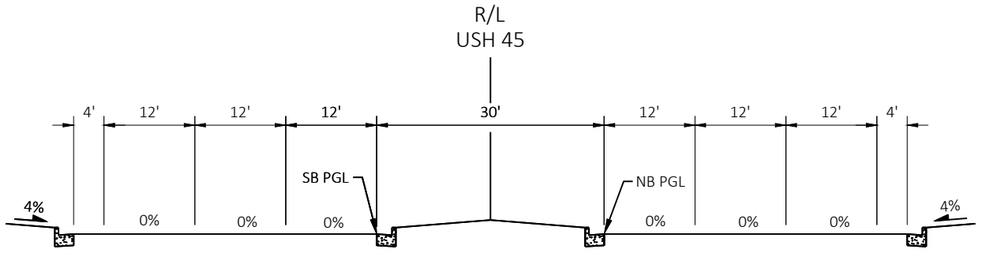


STA 952+64
(FULL S.E. ENDS)

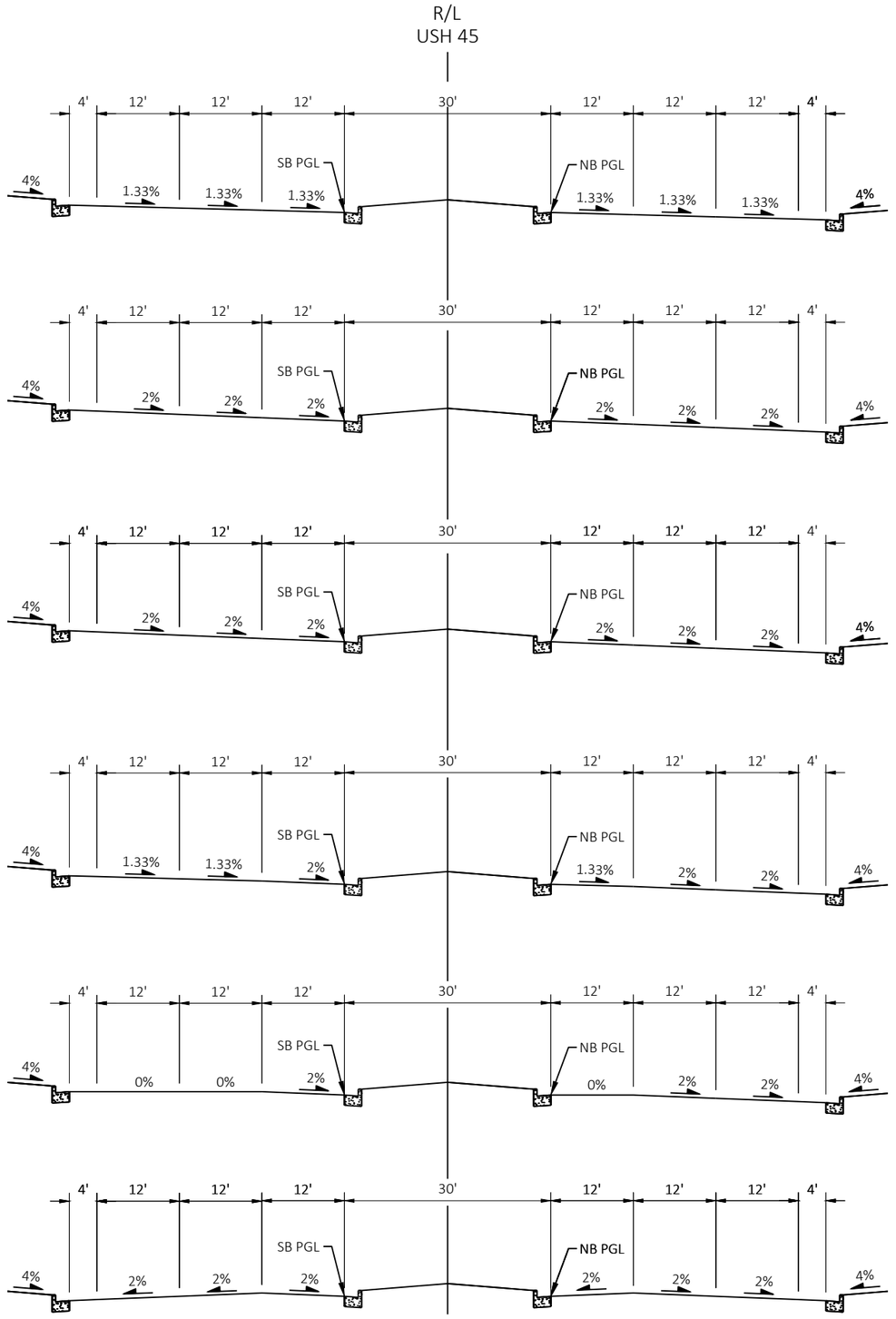


STA 953+18.95
(PT)

NOTE:
TURN LANES ARE NOT SHOWN.



STA 954+28
(LEVEL CROWN)



STA 955+38.00
(PC)

STA 955+93
(FULL S.E. BEGINS)

STA 966+44
(FULL S.E. ENDS)

STA 966+73.93
(PT)

STA 967+33
(LEVEL CROWN)

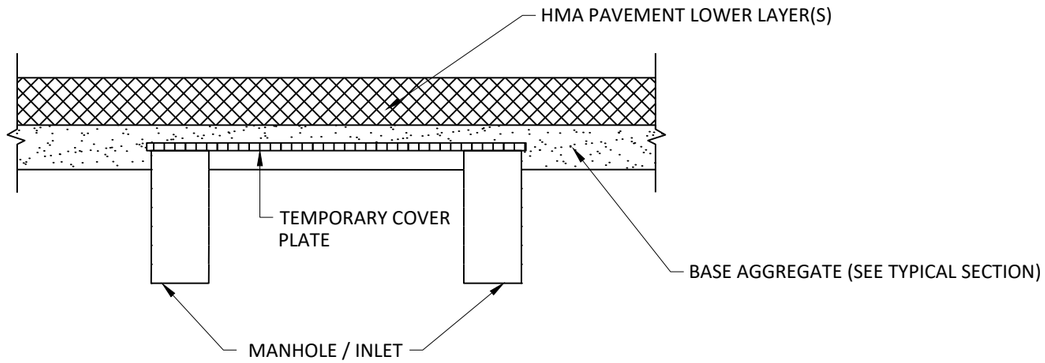
STA 968+23
(BEGIN NORMAL
CROWN)

2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	SUPER ELEVATION TRANSITIONS	SHEET PRE_17 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\020303-TS.DWG
LAYOUT NAME - 020309
PLOT DATE : 5/14/2021 7:48 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT
WISDOT/CADDS SHEET 42

2



STEP 1

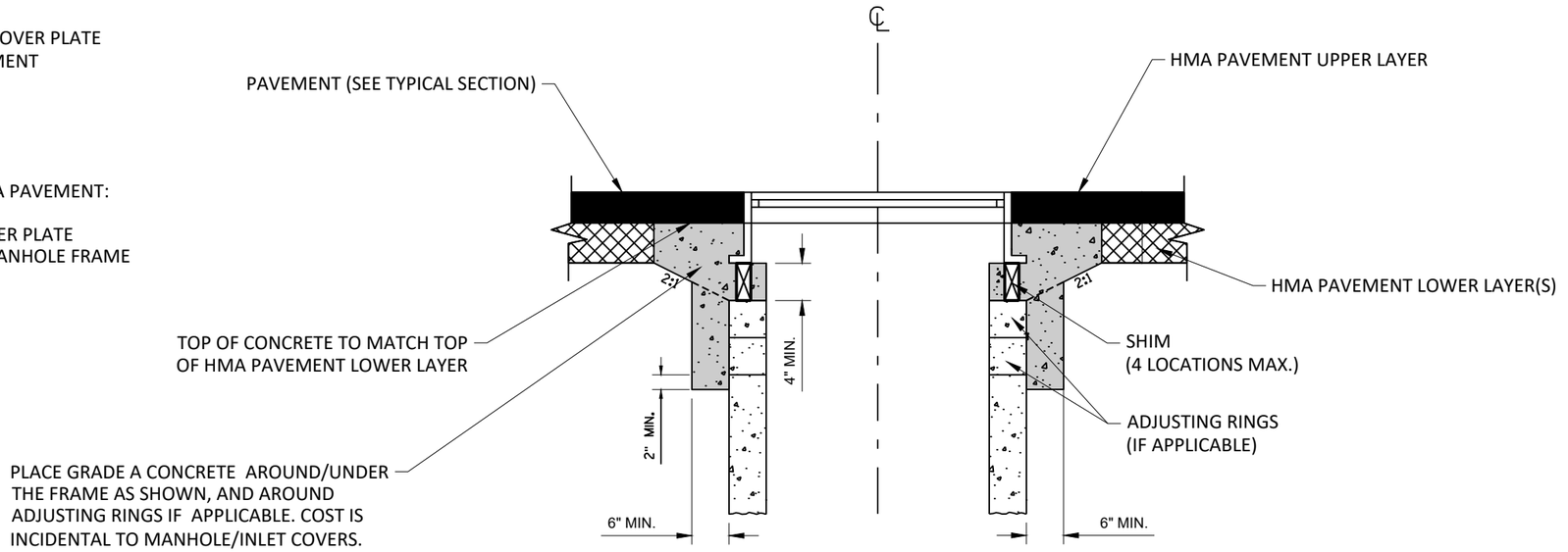
AFTER INSTALLING MANHOLE/INLET:

A. FURNISH AND INSTALL TEMPORARY COVER PLATE
B. PAVE LOVER LAYER(S) OF HMA PAVEMENT

STEP 2

AFTER PAVING LOWER LAYER(S) OF HMA PAVEMENT:

A. EXCAVATE, AND REMOVE TEMP. COVER PLATE
B. ADJUST MANHOLE AND REINSTALL MANHOLE FRAME AND COVER TO FINISHED GRADE



LEGEND

MONOLITHIC CONCRETE

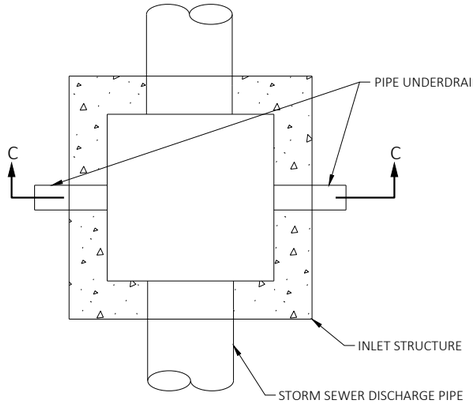
MONOLITHIC CONCRETE SHIMMING DETAIL - MANHOLES & INLETS COVERS

DESIGN NOTE: FOR USE ON RECONSTRUCTION / NEW CONSTRUCTION WITH FULL DEPTH HMA PAVEMENT

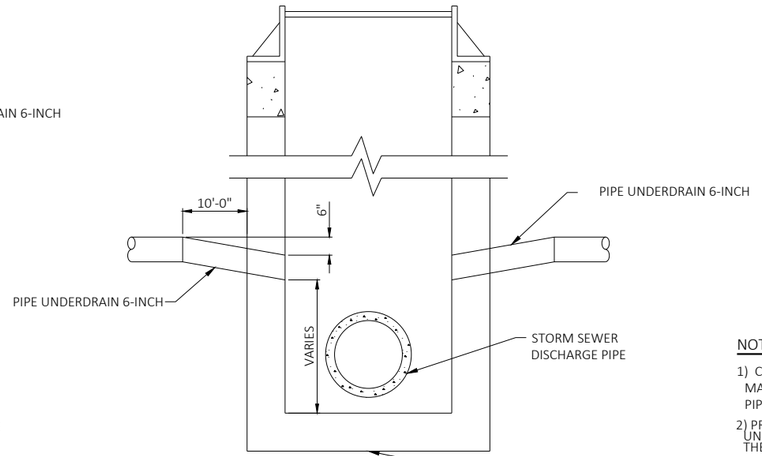
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET PRE_18 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 01
PLOT DATE : 5/14/2021 7:49 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



PLAN VIEW



SECTION C-C

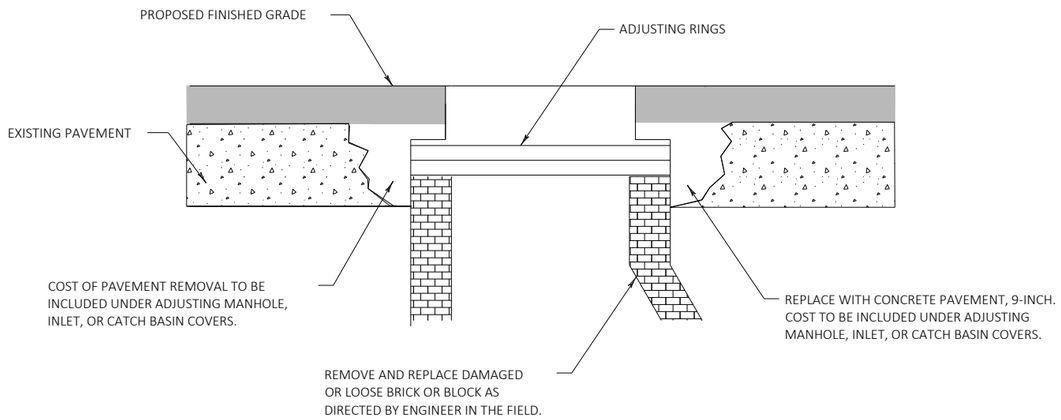
NOTES

1) CONNECTIONS TO INLETS OR MANHOLES IN MEDIAN SHALL USE PIPE UNDERDRAIN, 6-INCH.

2) PROVIDE TWO 6" DIA. OPENINGS FOR UNDERDRAIN PIPE APPROX 48" BELOW THE PROPOSED TOP OF STRUCTURE.

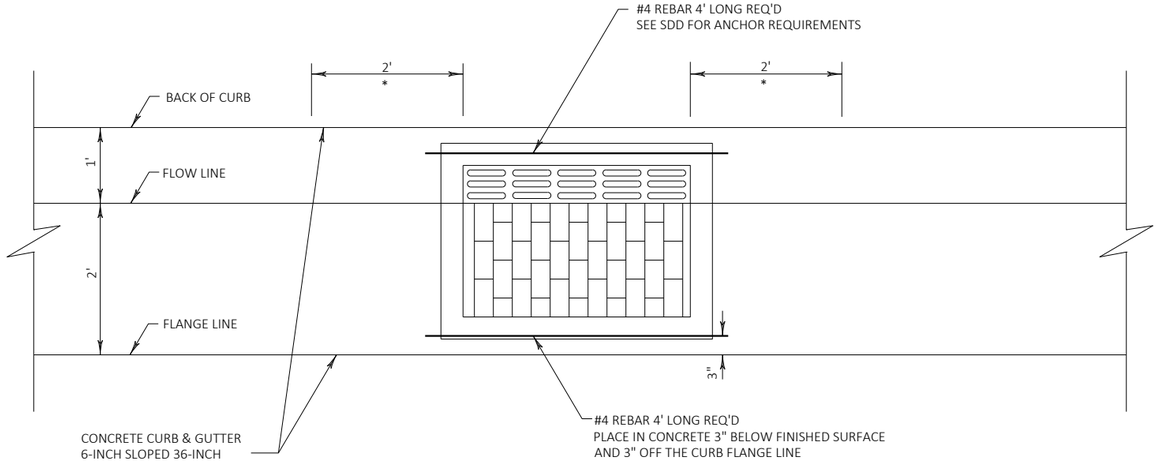
3) SEE STORM SEWER AND UNDERDRAIN PLANS FOR PIPE UNDERDRAIN LOCATIONS.

UNDERDRAIN OUTFALL AT INLET



ADJUSTING MANHOLE OR INLET COVERS

2



PLAN VIEW

* TRANSITION STANDARD CURB HEAD TO MATCH THE TYPE HM INLET COVER.

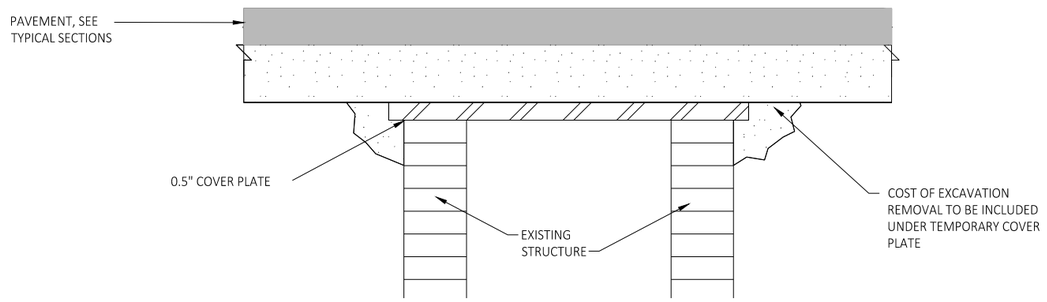
NOTES

1) SEE SDD "INLET COVERS TYPE F, HM, HM-S, S, V, HM-GJ, & HM-GJ-S" FOR ADDITIONAL INFORMATION.

2) THE TWO 2-FOOT LONG CURB TRANSITION SEGMENTS ARE PAID AS CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH.

3) THE TWO 4-FOOT LENGTHS OF #4 REBAR ARE INCIDENTAL TO THE BID ITEM "INLET COVERS TYPE HM".

INLET COVERS, TYPE HM



NOTES

1) DETAIL IS FOR STAGING USE ONLY. NOT FOR PERMANENT INSTALLATION.

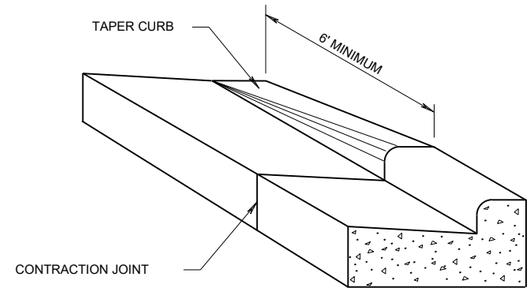
2) INSTALL COVER PLATE TO REST FLAT UPON THE EXISTING STRUCTURE. COVER PLATE SHOULD EXTEND OUTSIDE EDGE OF THE EXISTING MASONRY.

3) THE FOLLOWING ITEMS ARE INCIDENTAL TO ITEM COVER PLATE LEFT IN PLACE:

A. REMOVE INLET FRAME AND LID
B. REMOVE 2' MINIMUM CONCRETE BLOCK
C. FURNISH AND INSTALL COVER PLATE
D. BACKFILL USING BASE AGGREGATE DENSE 1 1/4 "

TEMPORARY COVER PLATE

2



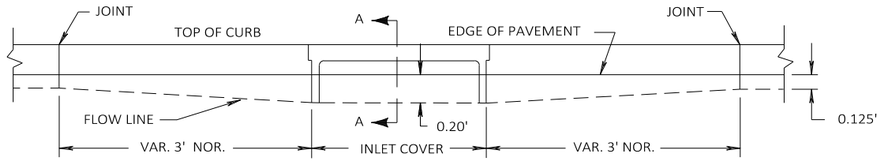
NOTES

1) TO BE USED AT ALL TERMINAL OF CURB AND GUTTER WHERE NO ABUTTING EXISTING CURB AND GUTTER OR ASPHALITC FLUMES.

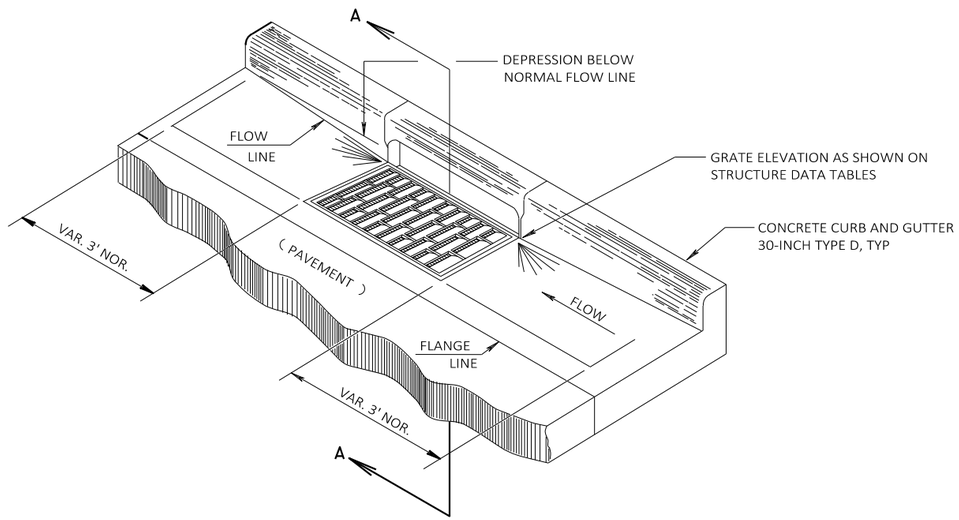
DETAIL OF CURB & GUTTER TERMINAL SECTION DETAIL

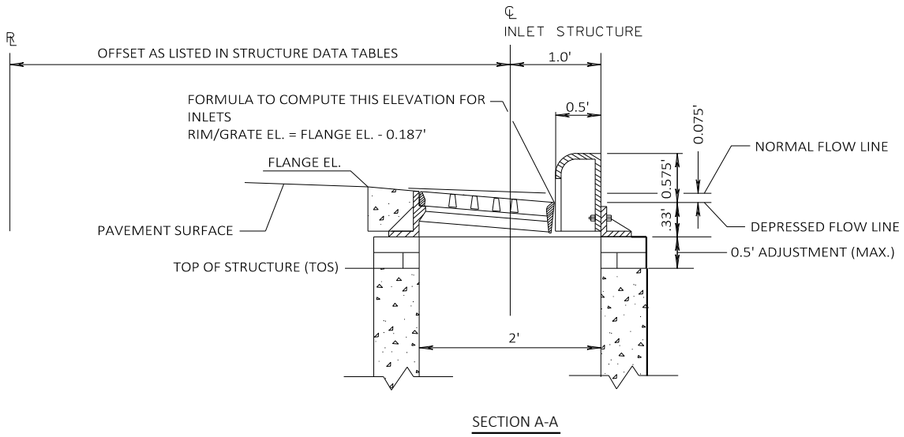
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 04
PLOT DATE : 5/14/2021 7:49 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 2:1
WISDOT/CADDS SHEET 42



ELEVATION

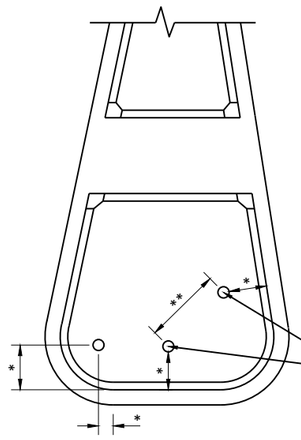




SECTION A-A

CONCRETE CURB & GUTTER 30-INCH TYPE D AT INLETS DETAIL

(TYPE 3 MANHOLE STRUCTURE WITH TYPE H INLET CASTING SHOWN)



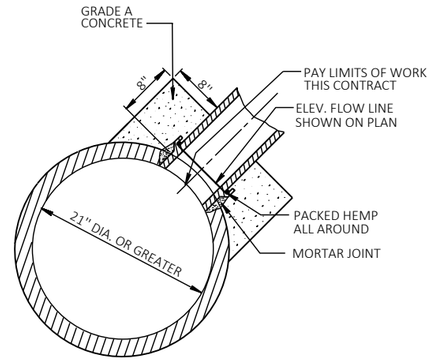
* DISTANCE TO BE LAID OUT IN THE FIELD BASED ON SIGN SIZE. TWO FOOT MINIMUM CLEARANCE BETWEEN THE EDGE OF SIGN AND FACE OF CURB.

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

USE A 18-INCH MINIMUM INSIDE DIAMETER PVC PIPE BOX OUT IN CONCRETE FOR SIGN POST (TYP), PVC BOX OUT DEPTH SHOULD MATCH ADJACENT PAVEMENT DEPTH. THE NUMBER OF BOX OUTS REQUIRED VARIES BY WIDTH OF THE SIGN SHALL BE VERIFIED BEFORE PLACING THE CONCRETE THE ISLAND.GRAVEL BACKFILL IS INCIDENTAL TO POSTS WOOD BID ITEM. SEE A4-3B SIGN PLATE FOR BOX OUT DETAIL.

CENTER AND SPLITTER ISLAND SIGN LOCATION DETAIL (TYP)

2

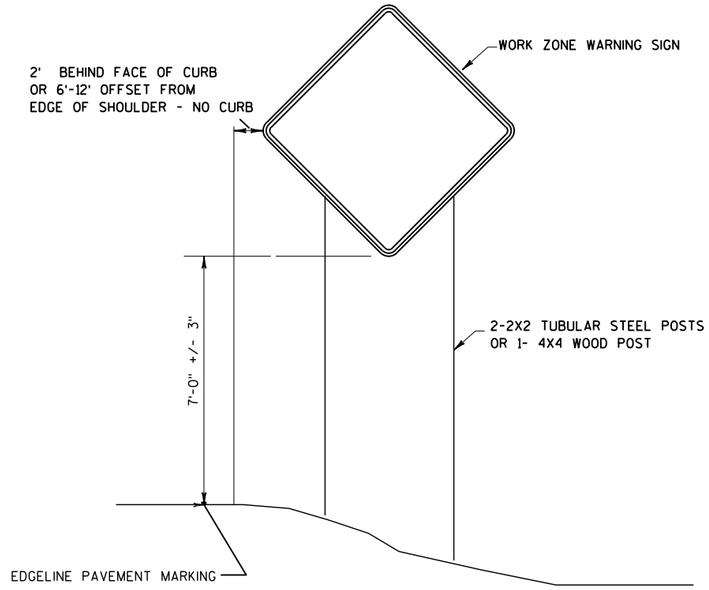


DETAIL OF CONNECTION TO STORM SEWER

NOTE: CONNECTION TO EXISTING STORM SEWER
SHALL BE PAID FOR AS CONCRETE COLLARS FOR PIPE

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CONSTRUCTION DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021001-CD.DWG
LAYOUT NAME - 06
PLOT DATE : 5/14/2021 7:49 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

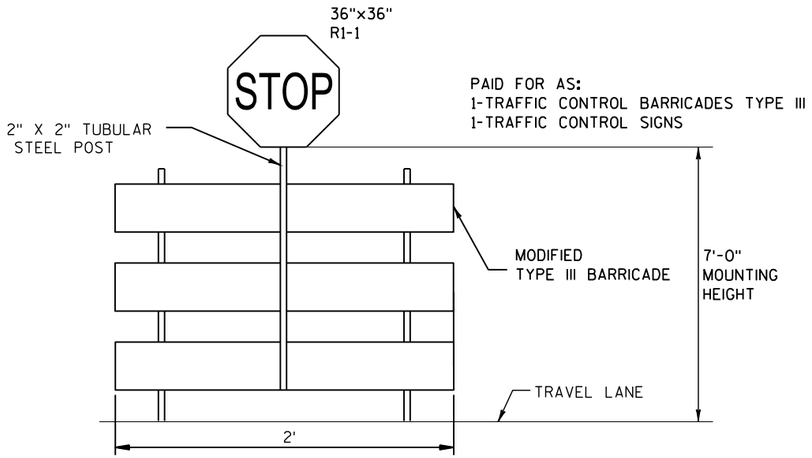


TYPICAL TEMPORARY TRAFFIC CONTROL DETAIL
MOUNTING ON FIXED SUPPORT

LONG TERM
7 DAYS OR MORE

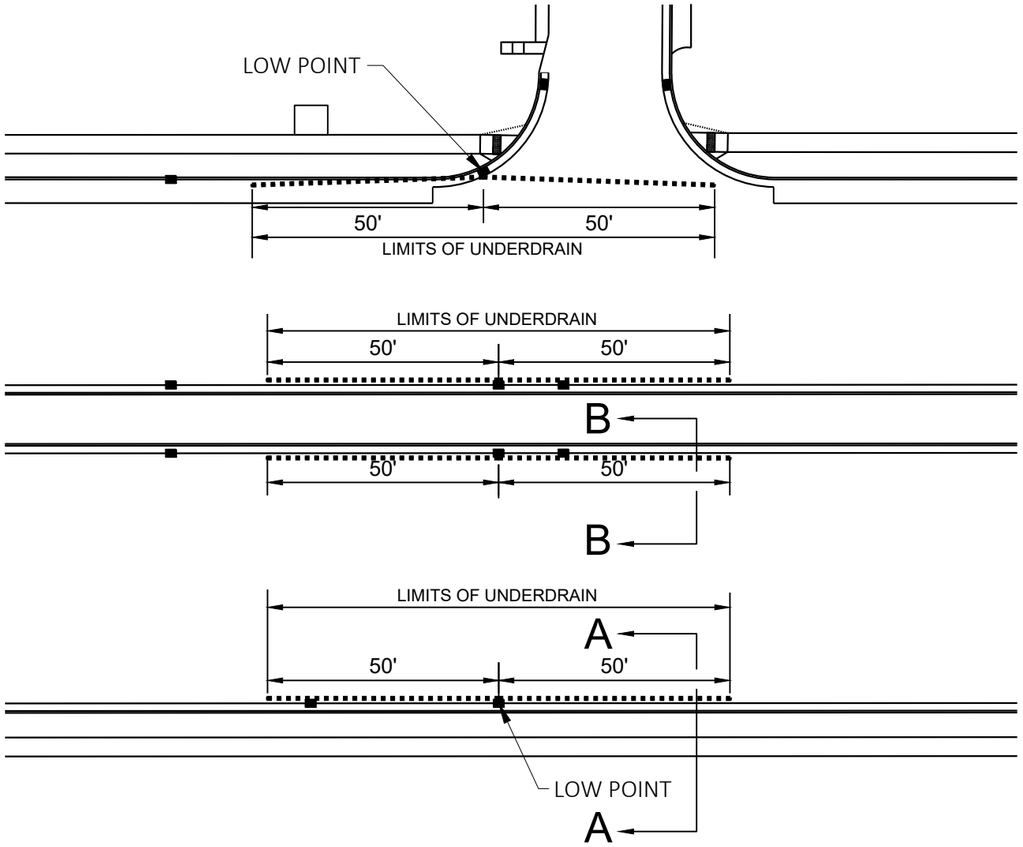
GENERAL NOTES FOR TRAFFIC CONTROL

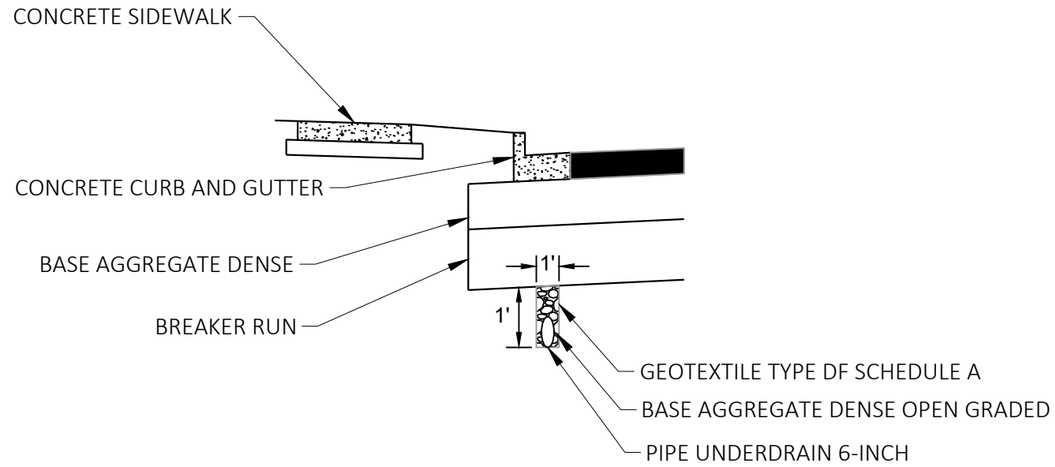
1. TRAFFIC CONTROL DRUMS IN TAPERS, SHALL BE EQUIPPED WITH WARNING LIGHTS, TYPE "C", ONE WAY LIGHTS IN TAPERS ONLY, UNLESS OTHERWISE SHOWN.
2. SIGN LOCATIONS ARE APPROXIMATE. THE ACTUAL LOCATION SPACING MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER TO MEET FIELD CONDITIONS.
3. "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS REFLECTIVE ORANGE.
4. ALL TRAFFIC CONTROL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED IN THE PLANS.
5. BARRICADE STRIPES ARE TO BE SLOPED DOWNWARD IN THE DIRECTIOIN OF TRAFFIC FLOW.



TEMPORARY STOP SIGN

2

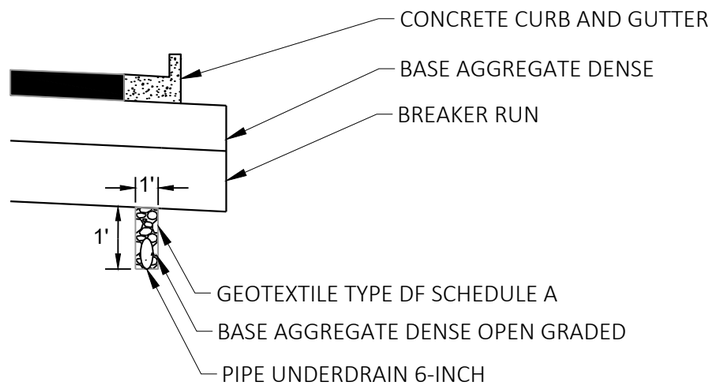




PIPE UNDERDRAIN UNDER OUTSIDE CURB & GUTTER DETAILS

NOT TO SCALE

SECTION A - A

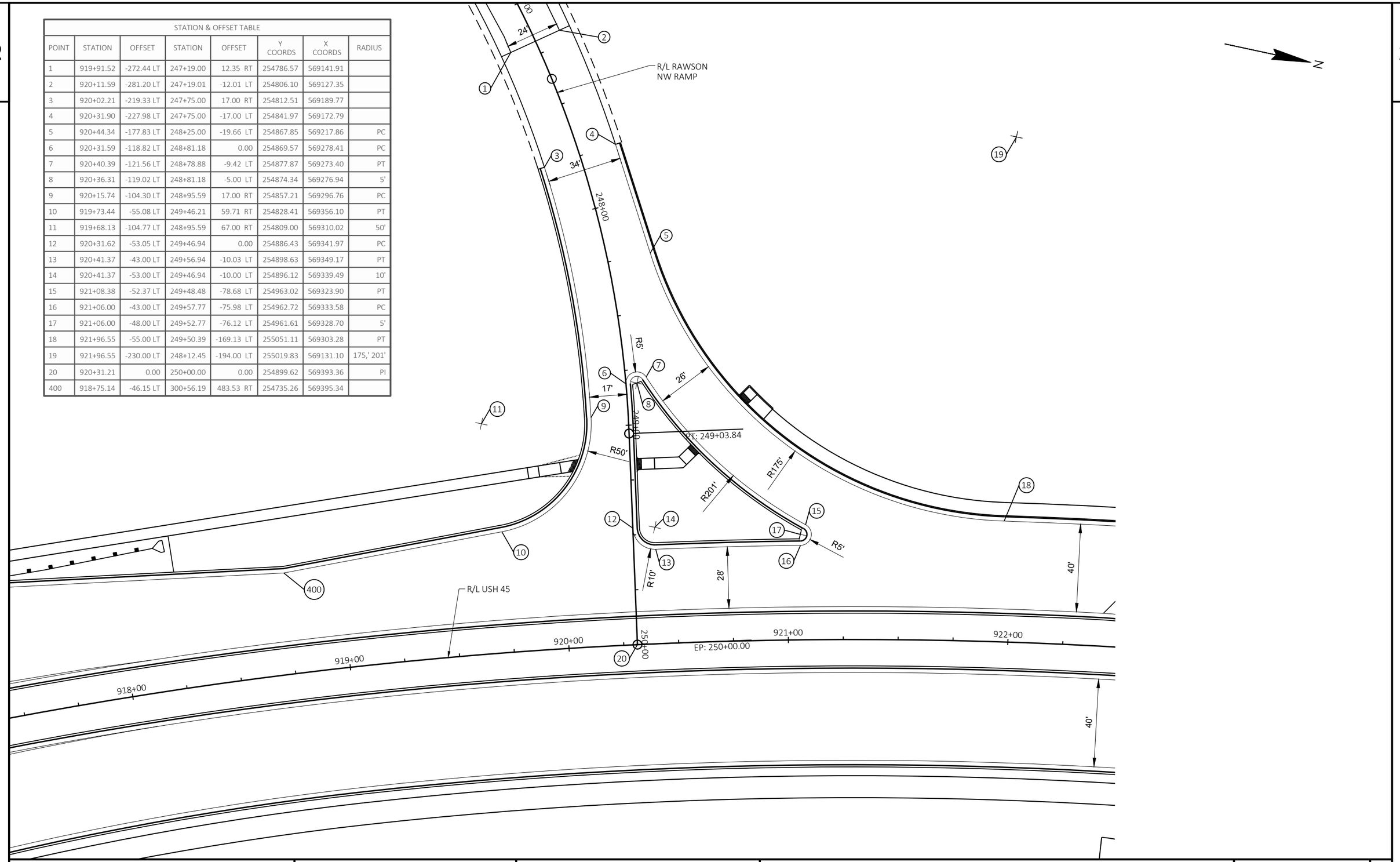


PIPE UNDERDRAIN UNDER MEDIAN CURB & GUTTER DETAILS

NOT TO SCALE

SECTION B - B

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
1	919+91.52	-272.44 LT	247+19.00	12.35 RT	254786.57	569141.91	
2	920+11.59	-281.20 LT	247+19.01	-12.01 LT	254806.10	569127.35	
3	920+02.21	-219.33 LT	247+75.00	17.00 RT	254812.51	569189.77	
4	920+31.90	-227.98 LT	247+75.00	-17.00 LT	254841.97	569172.79	
5	920+44.34	-177.83 LT	248+25.00	-19.66 LT	254867.85	569217.86	PC
6	920+31.59	-118.82 LT	248+81.18	0.00	254869.57	569278.41	PC
7	920+40.39	-121.56 LT	248+78.88	-9.42 LT	254877.87	569273.40	PT
8	920+36.31	-119.02 LT	248+81.18	-5.00 LT	254874.34	569276.94	5'
9	920+15.74	-104.30 LT	248+95.59	17.00 RT	254857.21	569296.76	PC
10	919+73.44	-55.08 LT	249+46.21	59.71 RT	254828.41	569356.10	PT
11	919+68.13	-104.77 LT	248+95.59	67.00 RT	254809.00	569310.02	50'
12	920+31.62	-53.05 LT	249+46.94	0.00	254886.43	569341.97	PC
13	920+41.37	-43.00 LT	249+56.94	-10.03 LT	254898.63	569349.17	PT
14	920+41.37	-53.00 LT	249+46.94	-10.00 LT	254896.12	569339.49	10'
15	921+08.38	-52.37 LT	249+48.48	-78.68 LT	254963.02	569323.90	PT
16	921+06.00	-43.00 LT	249+57.77	-75.98 LT	254962.72	569333.58	PC
17	921+06.00	-48.00 LT	249+52.77	-76.12 LT	254961.61	569328.70	5'
18	921+96.55	-55.00 LT	249+50.39	-169.13 LT	255051.11	569303.28	PT
19	921+96.55	-230.00 LT	248+12.45	-194.00 LT	255019.83	569131.10	175,' 201'
20	920+31.21	0.00	250+00.00	0.00	254899.62	569393.36	PI
400	918+75.14	-46.15 LT	300+56.19	483.53 RT	254735.26	569395.34	



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET E

PRE_26

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021101

PLOT DATE : 5/14/2021 7:49 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
21	928+12.78	-73.29 LT	330+18.07	2.71 RT	255676.43	569254.51	PCC
22	928+32.70	-75.00 LT	0+00.00	0.00	255696.39	569253.15	20'
23	928+32.70	-55.00 LT	0+00.00	0.00	255696.03	569273.15	PT
53	924+11.83	-3.00 LT	350+61.50	-79.00 LT	255274.15	569326.92	PT
58	923+44.64	-78.11 LT	0+00.00	0.00	255199.00	569258.47	PC
59	923+54.23	-77.00 LT	350+05.99	-153.00 LT	255209.00	569258.52	10'
60	923+54.23	-87.00 LT	350+05.99	-163.00 LT	255207.96	569248.57	PT
61	923+93.77	-65.00 LT	350+44.10	-141.00 LT	255250.85	569266.60	PC
62	923+93.77	-60.00 LT	350+44.10	-136.00 LT	255251.27	569271.58	5'
63	923+93.77	-55.00 LT	350+44.10	-131.00 LT	255251.70	569276.56	PT
66	926+08.36	-87.00 LT	352+50.86	-163.00 LT	255472.29	569237.16	
67	926+08.36	-55.00 LT	352+50.86	-131.00 LT	255471.72	569269.15	
68	927+73.16	-55.00 LT	354+15.66	-131.00 LT	255636.49	569272.09	PT
69	927+73.16	-60.00 LT	354+15.66	-136.00 LT	255636.58	569267.09	5'
96	927+73.16	-65.00 LT	329+78.45	11.00 RT	255636.67	569262.09	PC
97	927+97.83	-87.00 LT	330+03.12	-11.00 LT	255661.73	569240.53	PC
98	927+97.83	-72.00 LT	330+03.12	4.00 RT	255661.47	569255.53	15'
99	926+08.36	-65.00 LT	328+13.65	11.00 RT	255471.90	569259.16	
402	924+18.61	-45.00 LT	350+68.03	-121.00 LT	255277.85	569284.52	60'

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
31	923+12.19	5.82 RT	300+10.33	42.41 RT	255175.96	569345.67	PCC
32	923+09.43	15.00 RT	300+19.76	44.07 RT	255174.38	569355.12	PT
33	923+09.43	10.00 RT	300+14.80	44.66 RT	255173.75	569350.15	5'
34	922+80.05	55.00 RT	300+63.03	67.79 RT	255151.04	569398.58	
35	922+99.09	55.97 RT	300+61.65	49.28 RT	255169.53	569397.05	PC
36	923+28.82	84.25 RT	300+86.46	17.50 RT	255201.53	569421.58	PT
37	922+97.59	85.94 RT	300+91.57	47.06 RT	255172.01	569426.95	30'
38	923+29.99	101.66 RT	301+03.59	14.53 RT	255204.65	569438.74	
39	923+31.90	134.39 RT	301+35.00	10.89 RT	255210.21	569471.04	
54	923+29.14	-55.00 LT	0+00.00	0.00	255185.69	569283.23	PC
55	923+29.14	-70.00 LT	0+00.00	0.00	255183.96	569268.33	15'
56	923+43.55	-68.24 LT	0+00.00	0.00	255198.96	569268.40	PT

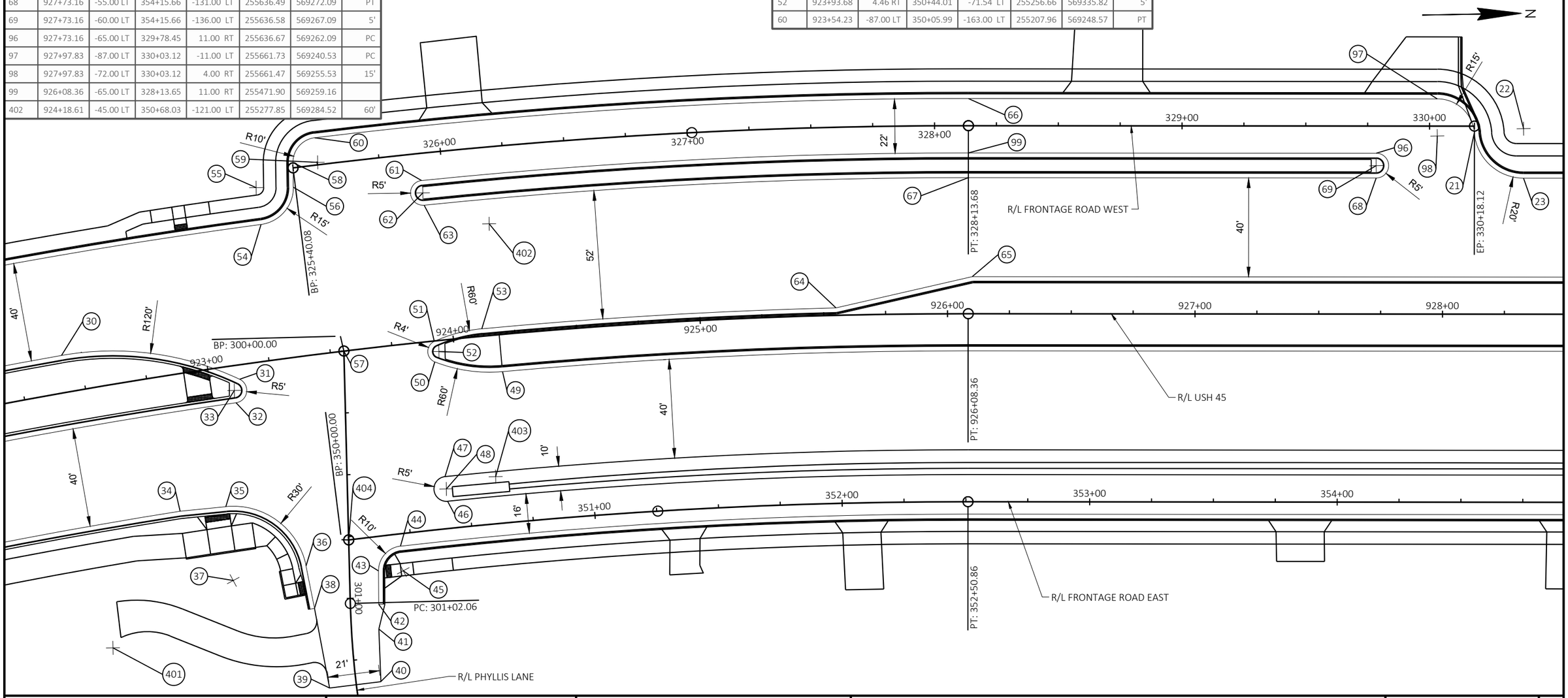
STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
40	923+54.12	134.48 RT	350+05.89	58.48 RT	255230.88	569468.86	
41	923+56.06	113.25 RT	350+07.76	37.25 RT	255230.50	569447.55	
42	923+57.26	103.30 RT	350+08.92	27.30 RT	255230.61	569437.54	
43	923+58.87	89.90 RT	350+10.46	13.90 RT	255230.76	569424.05	PC
44	923+69.25	81.00 RT	350+20.47	5.00 RT	255239.79	569414.21	PT
45	923+69.25	91.00 RT	350+20.47	15.00 RT	255240.76	569424.17	10'
46	923+90.93	65.00 RT	350+41.36	-11.00 LT	255259.16	569396.37	PC
47	923+90.93	55.00 RT	350+41.36	-21.00 LT	255258.29	569386.40	PT
48	923+90.93	60.00 RT	350+41.36	-16.00 LT	255258.73	569391.38	5'
49	924+18.61	15.00 RT	350+68.03	-61.00 LT	255282.23	569344.36	PT
50	923+91.60	8.46 RT	350+42.01	-67.54 LT	255254.94	569339.98	PCC
51	923+92.25	0.19 RT	350+42.63	-75.81 LT	255254.87	569331.69	PCC
52	923+93.68	4.46 RT	350+44.01	-71.54 LT	255256.66	569335.82	5'
60	923+54.23	-87.00 LT	350+05.99	-163.00 LT	255207.96	569248.57	PT

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
61	923+93.77	-65.00 LT	350+44.10	-141.00 LT	255250.85	569266.60	PC
62	923+93.77	-60.00 LT	350+44.10	-136.00 LT	255251.27	569271.58	5'
63	923+93.77	-55.00 LT	350+44.10	-131.00 LT	255251.70	569276.56	PT
64	925+55.00	-3.00 LT	351+99.45	-79.00 LT	255417.36	569320.88	
65	926+10.00	-15.00 LT	352+52.50	-91.00 LT	255472.65	569309.18	
66	926+08.36	-87.00 LT	352+50.86	-163.00 LT	255472.29	569237.16	
67	926+08.36	-55.00 LT	352+50.86	-131.00 LT	255471.72	569269.15	
68	927+73.16	-55.00 LT	354+15.66	-131.00 LT	255636.49	569272.09	PT
69	927+73.16	-60.00 LT	354+15.66	-136.00 LT	255636.58	569267.09	5'
401	922+42.76	105.00 RT	0+00.00	0.00	255122.98	569453.34	120'
403	924+11.83	57.00 RT	350+61.50	-19.00 LT	255278.73	569386.74	60'
404	923+48.01	76.01 RT	350+00.00	0.01 RT	255218.94	569411.33	PI

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET E

PRE_27

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021102
PLOT DATE : 5/14/2021 7:50 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

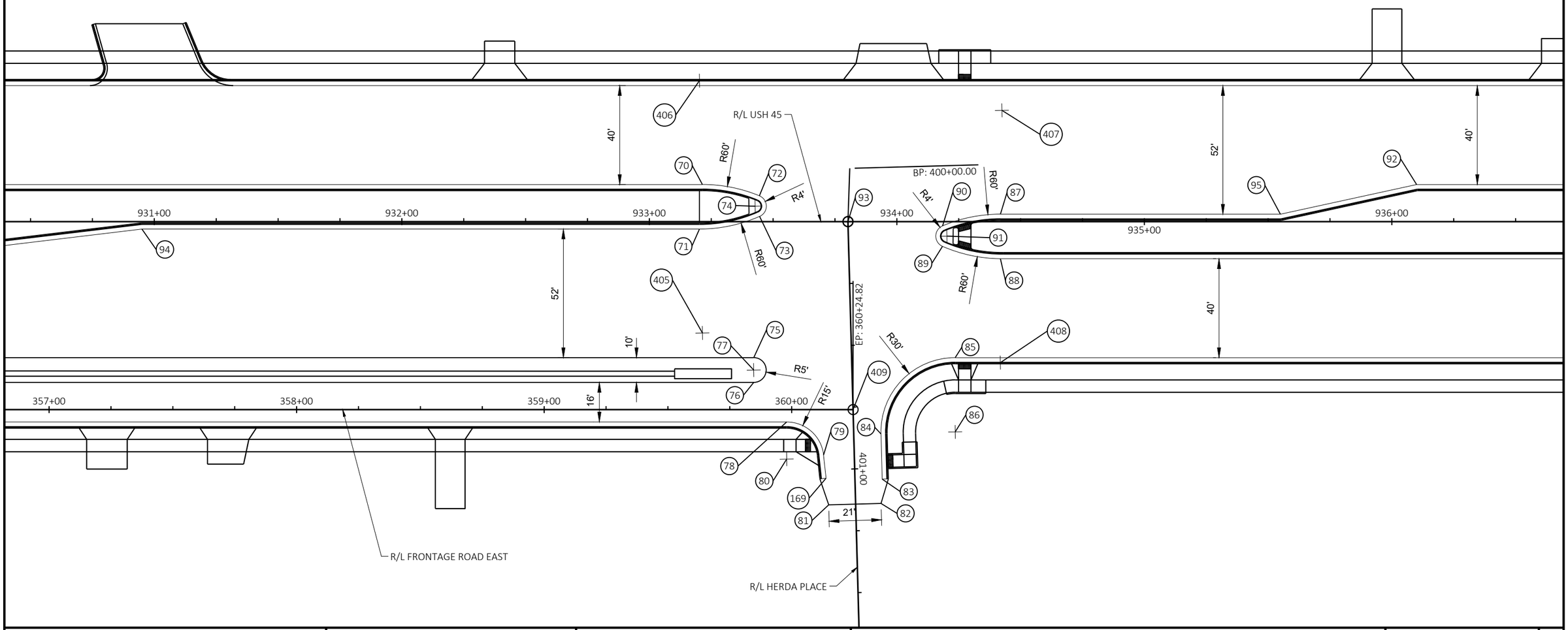
STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
71	933+20.24	3.00 RT	400+01.36	60.06 RT	256182.46	569339.81	PT
75	933+42.17	55.00 RT	400+53.94	39.56 RT	256203.46	569392.20	PC
76	933+42.17	65.00 RT	400+63.94	39.83 RT	256203.28	569402.19	PT
77	933+42.17	60.00 RT	400+58.94	39.70 RT	256203.37	569397.20	5'
78	933+55.47	81.00 RT	400+80.29	26.97 RT	256216.30	569418.43	PC
79	933+70.38	94.38 RT	400+94.08	12.43 RT	256230.97	569432.07	PT
80	933+55.47	96.00 RT	400+95.29	27.38 RT	256216.03	569433.43	15'
81	933+72.46	114.48 RT	401+14.23	10.90 RT	256232.68	569452.21	
169	933+71.40	103.73 RT	401+03.45	11.67 RT	256231.82	569441.44	
405	933+21.45	45.00 RT	400+43.38	60.00 RT	256182.92	569381.83	60'
409	933+82.31	76.00 RT	400+76.03	0.00	256243.22	569413.91	PI

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
72	933+44.45	-10.41 LT	0+00.00	0.00	256206.90	569326.83	PCC
73	933+44.55	-2.14 LT	0+00.00	0.00	256206.85	569335.10	PCC
74	933+42.72	-6.26 LT	0+00.00	0.00	256205.10	569330.96	4'
82	933+93.61	113.91 RT	401+14.23	-10.26 LT	256253.84	569452.01	
83	933+94.08	104.07 RT	401+04.41	-11.00 LT	256254.49	569442.18	
84	933+93.59	85.82 RT	400+86.15	-11.00 LT	256254.32	569423.92	PC
85	934+23.57	55.00 RT	400+56.16	-41.82 LT	256284.85	569393.65	PT
86	934+23.57	85.00 RT	400+86.15	-41.00 LT	256284.32	569423.64	30'
87	934+41.82	-3.00 LT	0+00.00	0.00	256304.12	569335.98	PT
88	934+41.82	15.00 RT	400+16.67	-61.15 LT	256303.80	569353.98	PT

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
89	934+18.43	9.99 RT	400+11.03	-37.91 LT	256280.51	569348.55	PCC
90	934+18.48	1.72 RT	400+02.77	-38.18 LT	256280.71	569340.29	PCC
91	934+20.23	5.87 RT	400+06.96	-39.82 LT	256282.38	569344.46	4'
92	936+10.00	-15.00 LT	0+00.00	0.00	256472.49	569326.97	
93	933+80.24	0.00	400+00.00	0.00	256242.50	569337.88	PI
94	930+95.00	3.00 RT	0+00.00	0.00	255957.25	569335.81	
95	935+54.96	-3.00 LT	400+01.77	-174.73 LT	256417.24	569337.99	
169	933+71.40	103.73 RT	401+03.45	11.67 RT	256231.82	569441.44	
406	933+20.24	-57.00 LT	0+00.00	0.00	256183.53	569279.82	60'
407	934+42.43	-45.00 LT	0+00.00	0.00	256305.49	569294.00	60'

N

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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET E

PRE_28

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021103

PLOT DATE : 5/14/2021 7:50 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
120	939+77.68	-1.72 LT	449+97.18	45.38 RT	256839.88	569346.79	PCC
121	939+54.35	-15.00 LT	449+83.34	68.39 RT	256816.79	569333.10	PC
122	939+75.93	-5.87 LT	449+92.99	47.03 RT	256838.20	569342.62	4'
123	939+77.73	-9.99 LT	449+88.91	45.13 RT	256840.08	569338.52	PCC
124	940+23.12	-15.00 LT	450+00.00	0.00	256885.28	569349.32	PI
129	939+76.05	-55.00 LT	449+43.88	45.73 RT	256839.20	569293.50	PC
130	940+06.04	-85.73 LT	449+13.89	15.00 RT	256869.73	569263.31	PT
131	939+76.05	-85.00 LT	449+13.89	45.00 RT	256839.73	569263.50	30'
136	940+04.10	-165.96 LT	448+33.63	15.00 RT	256869.22	569183.05	
410	939+54.35	-57.00 LT	449+41.35	67.38 RT	256817.53	569291.11	60'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
125	940+90.07	-3.00 LT	449+98.62	-67.00 LT	256952.28	569347.52	PT
126	941+70.00	-3.00 LT	0+00.00	0.00	257032.19	569348.94	
127	942+25.00	-15.00 LT	449+89.50	-201.92 LT	257087.13	569337.54	
132	940+36.09	-84.27 LT	449+16.06	-15.00 LT	256899.75	569265.29	PC
133	940+66.08	-55.00 LT	449+46.05	-44.27 LT	256929.21	569295.10	PT
134	940+66.08	-85.00 LT	449+16.06	-45.00 LT	256929.75	569265.10	30'
135	940+35.85	-94.27 LT	449+06.06	-15.00 LT	256899.68	569255.29	
137	940+34.12	-165.86 LT	448+34.46	-15.00 LT	256899.23	569183.69	
411	940+90.69	-45.00 LT	449+56.65	-68.64 LT	256953.64	569305.54	60'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
100	937+90.00	15.00 RT	450+14.95	235.83 RT	256651.93	569360.17	
101	938+45.00	3.00 RT	450+02.96	180.82 RT	256707.13	569349.15	
102	939+54.35	3.00 RT	450+02.99	71.48 RT	256816.47	569351.10	PC
103	940+25.82	7.00 LT	450+00.00	0.00	256887.98	569349.37	PI
105	939+79.84	55.00 RT	450+54.99	45.99 RT	256841.03	569403.54	PC
106	940+09.84	84.99 RT	450+84.99	16.00 RT	256870.49	569434.07	PT
107	939+79.84	85.00 RT	450+84.99	46.00 RT	256840.50	569433.54	30'
413	939+53.73	45.00 RT	450+44.98	72.10 RT	256815.10	569393.08	60'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
104	942+35.00	15.00 RT	450+14.46	-209.51 LT	257097.20	569367.51	
108	940+41.84	85.01 RT	450+85.01	-16.00 LT	256902.49	569434.65	PC
109	940+71.84	55.00 RT	450+55.01	-46.01 LT	256933.01	569405.18	PT
110	940+71.84	85.00 RT	450+85.01	-46.00 LT	256932.48	569435.18	30'
111	940+66.69	9.99 RT	450+10.00	-40.86 LT	256928.66	569360.09	PCC
112	940+66.74	1.72 RT	450+01.73	-40.91 LT	256928.86	569351.82	PCC
113	940+68.49	5.87 RT	450+05.88	-42.66 LT	256930.54	569356.00	5'
114	940+90.07	15.00 RT	450+15.01	-64.25 LT	256951.95	569365.51	PT
412	940+90.07	57.00 RT	450+57.01	-64.24 LT	256951.21	569407.51	60'

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021104

PLOT DATE : 5/14/2021 7:50 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_29

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N

R/L PRAIRIEWOOD LANE

498+00

499+00

501+00

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
170	945+97.88	LT	500+00.00	0.00	257458.36	569322.16	
171	945+47.37	-55.00 LT	499+43.43	48.11 RT	257400.71	569275.35	PC
172	945+73.22	-78.47 LT	499+20.92	22.16 RT	257422.11	569248.47	PT
173	945+47.37	-80.00 LT	499+18.45	47.04 RT	257397.20	569250.59	25'
174	945+76.12	-119.49 LT	498+80.00	18.10 RT	257418.62	569207.49	
179	943+95.00	-5.00 LT	499+81.80	201.84 RT	257256.60	569341.19	
180	945+21.97	-15.00 LT	499+82.17	75.04 RT	257381.33	569318.35	PC
181	945+21.97	-10.04 LT	499+87.12	75.31 RT	257381.97	569323.28	4'
182	945+21.97	-5.00 LT	499+92.15	75.58 RT	257382.62	569328.27	PT

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
175	946+08.02	-120.21 LT	498+80.00	-12.14 LT	257448.35	569201.96	
176	946+08.76	-79.71 LT	499+20.50	-12.17 LT	257455.79	569241.77	PC
177	946+34.66	-55.00 LT	499+45.48	-37.05 LT	257484.81	569261.78	PT
178	946+34.66	-80.00 LT	499+20.48	-37.17 LT	257480.36	569237.18	25'
183	946+60.00	-3.00 LT	499+97.47	-62.10 LT	257518.95	569308.31	PT
184	948+14.00	-3.00 LT	499+91.39	-215.74 LT	257668.89	569274.23	
414	946+60.63	-45.00 LT	499+55.47	-62.46 LT	257511.63	569266.95	60'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
150	945+93.78	0.00	500+00.00	0.00 LT	257454.32	569322.82	
152	945+35.88	55.00 RT	500+62.93	49.98 RT	257404.50	569385.88	PC
153	945+64.50	89.17 RT	500+92.66	16.00 RT	257438.56	569415.52	PT
154	945+60.72	116.22 RT	501+20.00	16.00 RT	257438.64	569442.86	
155	945+59.77	121.13 RT	501+25.00	16.29 RT	257438.36	569447.86	
160	945+35.88	85.00 RT	500+92.66	46.00 RT	257408.56	569415.60	30'
185	943+99.00	15.00 RT	500+37.50	192.31 RT	257262.11	569360.83	PC
186	943+99.00	11.00 RT	500+33.51	192.61 RT	257261.80	569356.84	4'
187	943+99.00	7.00 RT	500+29.52	192.90 RT	257261.50	569352.85	PT
188	945+47.64	7.00 RT	500+13.75	44.67 RT	257409.68	569336.69	PT
189	945+47.64	11.00 RT	500+17.72	44.12 RT	257410.25	569340.65	4'
190	945+47.64	15.00 RT	500+21.68	43.57 RT	257410.81	569344.61	PC

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
156	945+91.00	126.12 RT	501+25.00	-17.00 LT	257471.65	569447.77	
157	945+91.55	116.08 RT	501+14.99	-16.00 LT	257470.62	569437.77	
158	945+97.08	80.04 RT	500+78.50	-16.00 LT	257470.53	569401.27	PC
159	946+25.64	55.00 RT	500+48.94	-40.86 LT	257495.30	569371.65	PT
161	946+25.64	85.00 RT	500+78.50	-46.00 LT	257500.52	569401.19	30'
162	946+36.68	1.84 RT	0+00.00	0.00	257496.93	569317.35	PCC
163	946+38.47	5.97 RT	0+00.00	0.00	257499.43	569321.10	4'
164	946+36.72	10.11 RT	500+02.78	-44.11 LT	257498.44	569325.49	PCC
165	946+60.00	15.00 RT	500+03.35	-68.02 LT	257522.35	569325.99	PT
191	947+50.00	15.00 RT	0+00.00	0.00	257610.95	569307.14	
415	946+60.00	57.00 RT	500+44.61	-75.84 LT	257530.28	569367.23	60'

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET PRE_30 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021105

PLOT DATE : 5/14/2021 7:50 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
200	951+94.29	-159.14 LT	548+43.69	17.79 RT	257962.49	569005.35	
201	951+88.73	-113.67 LT	548+87.07	17.95 RT	257976.32	569048.99	PT
202	951+20.57	-55.00 LT	549+46.57	82.65 RT	257939.13	569128.79	PC
203	951+20.57	-120.00 LT	548+83.44	82.82 RT	257914.38	569068.69	65'
217	951+41.82	-15.00 LT	549+86.45	61.49 RT	257973.85	569157.65	PCC
218	951+42.02	-5.01 LT	549+96.43	61.20 RT	257977.92	569166.77	PCC
219	951+53.17	-13.92 LT	549+87.39	50.21 RT	257984.65	569154.23	PCC
220	951+53.13	-6.03 LT	549+95.27	50.13 RT	257987.71	569161.49	PCC
221	951+52.47	-9.98 LT	549+91.34	50.84 RT	257985.56	569158.12	4'
248	949+10.00	-15.00 LT	549+77.18	291.52 RT	257757.55	569236.45	
249	949+10.00	-5.00 LT	549+87.14	292.43 RT	257760.49	569246.01	
416	951+40.50	-80.00 LT	549+21.46	63.44 RT	257947.37	569098.27	75'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
204	952+37.35	-151.45 LT	548+43.69	-23.09 LT	258002.16	568995.52	
205	952+39.26	-135.13 LT	548+60.82	-27.66 LT	258010.77	569009.51	PC
206	953+18.76	-67.00 LT	549+26.08	-109.50 LT	258109.09	569036.85	PT
207	953+18.75	-142.00 LT	548+33.34	-99.42 LT	258074.65	568970.22	75', 97'
208	952+34.87	-73.81 LT	549+24.89	-27.90 LT	258033.16	569066.74	PC
209	952+39.92	-75.85 LT	549+22.61	-32.68 LT	258036.71	569062.82	PT
210	952+37.95	-73.53 LT	549+25.02	-30.90 LT	258035.99	569065.73	3'
211	952+33.36	-58.28 LT	549+40.48	-27.22 LT	258038.45	569081.42	PC
212	952+36.42	-55.00 LT	549+43.60	-30.37 LT	258042.56	569083.11	PT
213	952+36.42	-58.00 LT	549+40.61	-30.22 LT	258041.28	569080.40	3'
214	952+65.81	-60.77 LT	549+36.19	-58.64 LT	258065.89	569065.51	PT
215	952+64.63	-55.00 LT	549+42.02	-57.86 LT	258067.38	569071.21	PC
216	952+64.63	-58.00 LT	549+39.03	-57.67 LT	258066.07	569068.51	3'
222	952+42.98	-15.00 LT	549+83.21	-38.94 LT	258065.52	569116.49	PC
223	952+42.98	-7.00 LT	549+91.19	-39.37 LT	258068.96	569123.72	PT
224	952+42.98	-11.00 LT	549+87.20	-39.16 LT	258067.24	569120.11	4'
418	952+65.51	-59.99 LT	549+36.98	-58.40 LT	258065.97	569066.34	75'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
225	952+03.18	0.00 RT	550+00.00	0.00	258035.88	569146.82	PI
226	951+66.05	7.00 RT	550+08.07	36.97 RT	258004.75	569168.33	PCC
227	951+66.05	15.00 RT	550+16.07	36.81 RT	258007.94	569175.67	PCC
228	951+66.05	11.00 RT	550+12.07	36.89 RT	258006.34	569172.00	4'
233	951+12.25	55.00 RT	550+56.56	91.06 RT	257973.13	569233.73	PC
234	951+69.37	112.71 RT	551+13.68	31.29 RT	258050.12	569263.87	PT
235	951+12.25	115.00 RT	551+16.56	91.22 RT	257995.78	569289.30	60'
236	951+70.74	169.87 RT	551+70.80	28.55 RT	258074.36	569315.66	
237	951+72.65	169.82 RT	551+70.70	26.50 RT	258076.22	569314.79	
238	951+79.37	77.90 RT	550+78.63	21.74 RT	258045.65	569227.81	
239	951+91.51	78.18 RT	550+78.54	9.18 RT	258057.23	569222.96	
240	951+91.83	74.78 RT	550+75.13	8.95 RT	258056.14	569219.72	PC
241	951+99.65	75.39 RT	550+75.47	0.86 RT	258063.76	569216.97	PT
242	951+95.74	75.08 RT	550+75.30	4.91 RT	258059.95	569218.34	4'
243	951+99.55	78.40 RT	550+78.48	0.86 RT	258064.90	569219.75	
250	949+14.00	7.00 RT	549+99.45	289.52 RT	257767.86	569256.29	PT
251	949+14.00	11.00 RT	550+03.43	289.87 RT	257769.04	569260.11	4'
252	949+14.00	15.00 RT	550+07.41	290.23 RT	257770.23	569263.93	PC
417	951+40.52	59.99 RT	550+61.45	62.06 RT	258001.82	569227.24	75'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
229	952+53.58	5.02 RT	550+02.59	-50.64 LT	258083.71	569129.98	PCC
230	952+52.85	13.96 RT	550+11.56	-50.43 LT	258086.92	569138.36	PCC
231	952+53.59	9.52 RT	550+07.08	-50.90 LT	258085.66	569134.04	4'
232	952+65.54	15.01 RT	550+11.83	-63.24 LT	258098.88	569133.74	PT
244	952+18.57	79.04 RT	550+78.34	-18.82 LT	258083.06	569212.14	
245	952+18.74	74.21 RT	550+73.51	-18.79 LT	258081.19	569207.68	PC
246	952+38.09	55.03 RT	550+53.40	-37.74 LT	258091.08	569181.88	PT
247	952+38.09	75.03 RT	550+73.37	-38.79 LT	258099.63	569199.96	20'

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET E

PRE_31

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021106

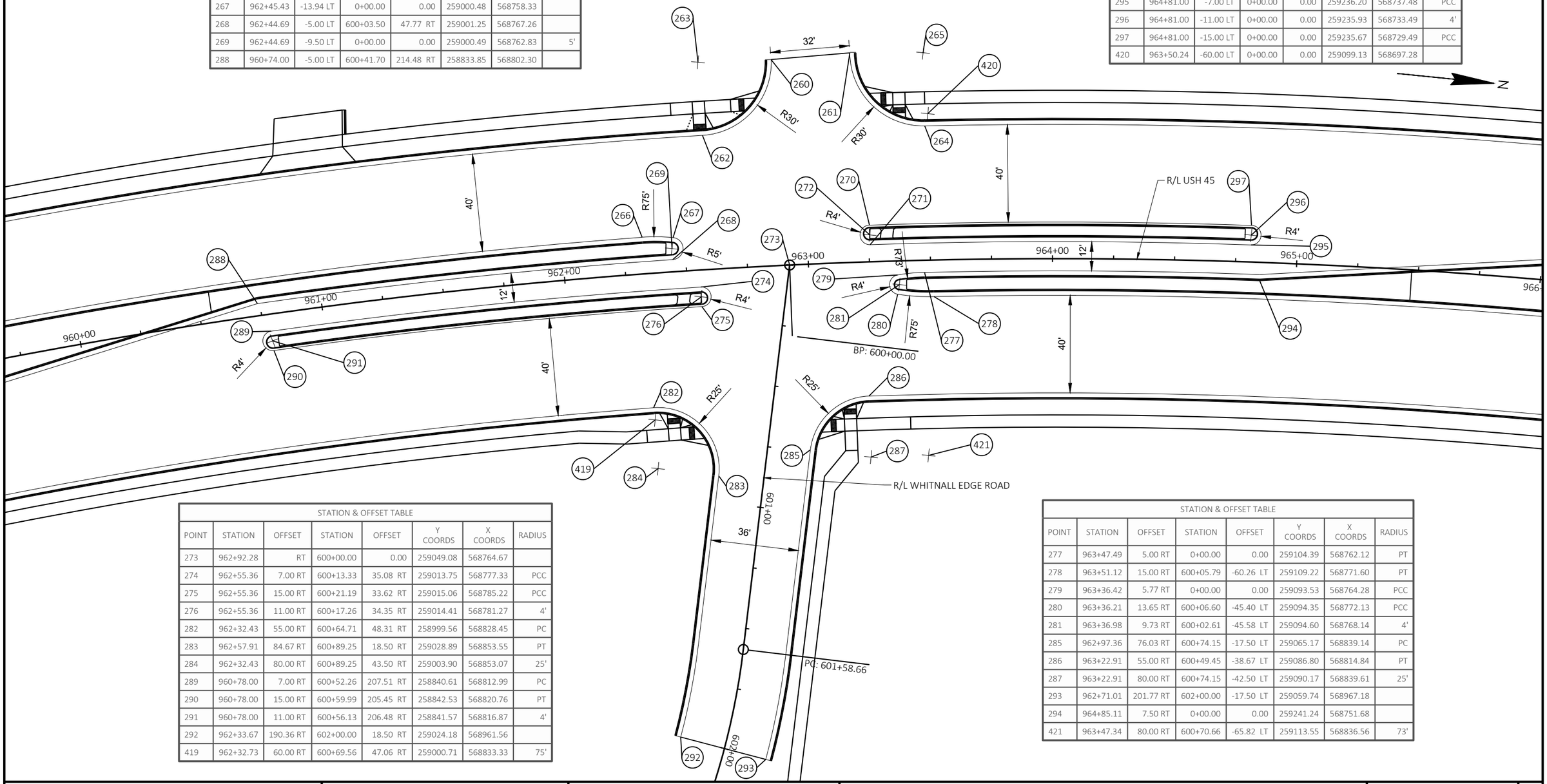
PLOT DATE : 5/14/2021 7:50 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
260	962+88.88	-84.38 LT	0+00.00	0.00	259033.11	568681.74	
262	962+59.95	-55.00 LT	0+00.00	0.00	259008.24	568715.40	
263	962+59.95	-85.00 LT	0+00.00	0.00	259003.39	568685.79	30'
266	962+32.88	-15.00 LT	0+00.00	0.00	258987.85	568759.44	
267	962+45.43	-13.94 LT	0+00.00	0.00	259000.48	568758.33	
268	962+44.69	-5.00 LT	600+03.50	47.77 RT	259001.25	568767.26	
269	962+44.69	-9.50 LT	0+00.00	0.00	259000.49	568762.83	5'
288	960+74.00	-5.00 LT	600+41.70	214.48 RT	258833.85	568802.30	

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
261	963+20.02	-85.83 LT	0+00.00	0.00	259064.87	568675.70	PC
264	963+48.91	-55.00 LT	0+00.00	0.00	259098.39	568702.41	PT
265	963+48.94	-85.00 LT	0+00.00	0.00	259094.72	568672.63	30'
270	963+25.51	-15.00 LT	0+00.00	0.00	259079.97	568745.13	PCC
271	963+25.51	-7.00 LT	0+00.00	0.00	259081.04	568753.05	PCC
272	963+25.51	-11.00 LT	0+00.00	0.00	259080.51	568749.09	4'
295	964+81.00	-7.00 LT	0+00.00	0.00	259236.20	568737.48	PCC
296	964+81.00	-11.00 LT	0+00.00	0.00	259235.93	568733.49	4'
297	964+81.00	-15.00 LT	0+00.00	0.00	259235.67	568729.49	PCC
420	963+50.24	-60.00 LT	0+00.00	0.00	259099.13	568697.28	



STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
273	962+92.28	RT	600+00.00	0.00	259049.08	568764.67	
274	962+55.36	7.00 RT	600+13.33	35.08 RT	259013.75	568777.33	PCC
275	962+55.36	15.00 RT	600+21.19	33.62 RT	259015.06	568785.22	PCC
276	962+55.36	11.00 RT	600+17.26	34.35 RT	259014.41	568781.27	4'
282	962+32.43	55.00 RT	600+64.71	48.31 RT	258999.56	568828.45	PC
283	962+57.91	84.67 RT	600+89.25	18.50 RT	259028.89	568853.55	PT
284	962+32.43	80.00 RT	600+89.25	43.50 RT	259003.90	568853.07	25'
289	960+78.00	7.00 RT	600+52.26	207.51 RT	258840.61	568812.99	PC
290	960+78.00	15.00 RT	600+59.99	205.45 RT	258842.53	568820.76	PT
291	960+78.00	11.00 RT	600+56.13	206.48 RT	258841.57	568816.87	4'
292	962+33.67	190.36 RT	602+00.00	18.50 RT	259024.18	568961.56	
419	962+32.73	60.00 RT	600+69.56	47.06 RT	259000.71	568833.33	75'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
277	963+47.49	5.00 RT	0+00.00	0.00	259104.39	568762.12	PT
278	963+51.12	15.00 RT	600+05.79	-60.26 LT	259109.22	568771.60	PT
279	963+36.42	5.77 RT	0+00.00	0.00	259093.53	568764.28	PCC
280	963+36.21	13.65 RT	600+06.60	-45.40 LT	259094.35	568772.13	PCC
281	963+36.98	9.73 RT	600+02.61	-45.58 LT	259094.60	568768.14	4'
285	962+97.36	76.03 RT	600+74.15	-17.50 LT	259065.17	568839.14	PC
286	963+22.91	55.00 RT	600+49.45	-38.67 LT	259086.80	568814.84	PT
287	963+22.91	80.00 RT	600+74.15	-42.50 LT	259090.17	568839.61	25'
293	962+71.01	201.77 RT	602+00.00	-17.50 LT	259059.74	568967.18	
294	964+85.11	7.50 RT	0+00.00	0.00	259241.24	568751.68	
421	963+47.34	80.00 RT	600+70.66	-65.82 LT	259113.55	568836.56	73'

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET E

PRE_32

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021107

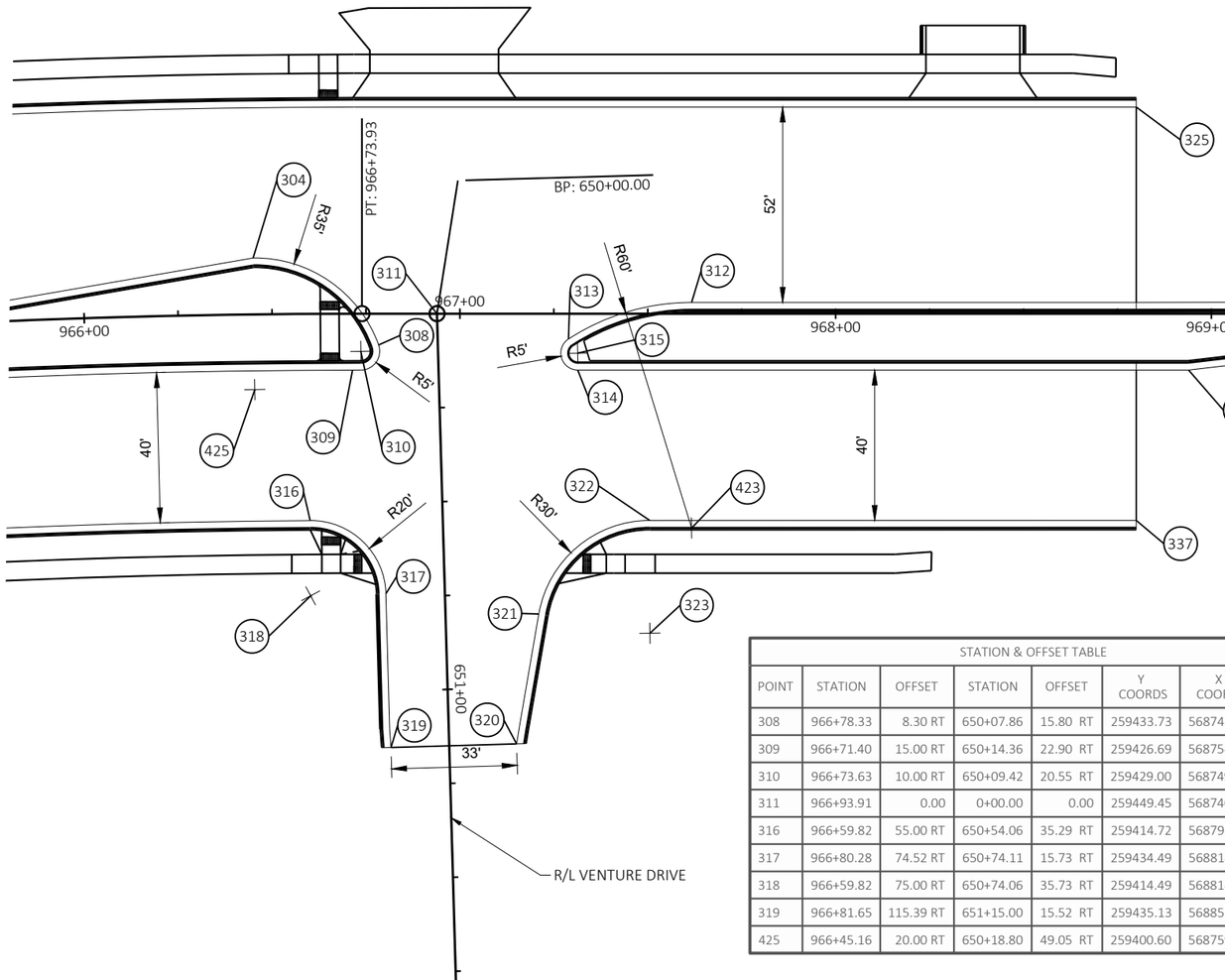
PLOT DATE : 5/14/2021 7:50 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

N

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
304	966+80.60	-15.00 LT	0+00.00	0.00	259400.79	568724.47	

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
312	967+61.64	-3.00 LT	0+00.00	0.00	259517.23	568738.37	PT
325	968+80.00	-55.00 LT	0+00.00	0.00	259636.50	568688.50	
326	969+58.93	-3.13 LT	650+04.37	-265.01 LT	259714.48	568741.77	
327	970+57.09	-14.71 LT	0+00.00	0.00	259812.84	568731.95	
328	971+50.00	-14.96 LT	0+00.00	0.00	259905.74	568733.36	
329	971+50.00	-5.18 LT	650+07.74	-456.06 LT	259905.56	568743.14	
330	970+62.61	-4.88 LT	650+05.56	-368.70 LT	259818.18	568741.87	
337	968+80.00	55.00 RT	650+60.25	-184.46 LT	259634.53	568798.48	



STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
308	966+78.33	8.30 RT	650+07.86	15.80 RT	259433.73	568748.19	PCC
309	966+71.40	15.00 RT	650+14.36	22.90 RT	259426.69	568754.76	PC
310	966+73.63	10.00 RT	650+09.42	20.55 RT	259429.00	568749.80	5'
311	966+93.91	0.00	0+00.00	0.00	259449.45	568740.16	PI
316	966+59.82	55.00 RT	650+54.06	35.29 RT	259414.72	568794.59	PC
317	966+80.28	74.52 RT	650+74.11	15.73 RT	259434.49	568814.43	PT
318	966+59.82	75.00 RT	650+74.06	35.73 RT	259414.49	568814.59	20'
319	966+81.65	115.39 RT	651+15.00	15.52 RT	259435.13	568855.32	
425	966+45.16	20.00 RT	650+18.80	49.05 RT	259400.60	568759.47	35'

STATION & OFFSET TABLE							
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	RADIUS
313	967+28.89	6.73 RT	650+07.72	-34.78 LT	259484.30	568747.52	PCC
314	967+31.34	15.00 RT	650+16.05	-37.00 LT	259486.61	568755.83	PCC
315	967+31.34	10.50 RT	650+11.56	-37.13 LT	259486.69	568751.33	5'
320	967+15.09	114.45 RT	651+15.00	-17.94 LT	259468.59	568854.97	
321	967+21.00	79.89 RT	650+80.62	-24.82 LT	259475.11	568820.52	PC
322	967+50.56	55.00 RT	650+56.58	-55.08 LT	259505.11	568796.17	PT
323	967+50.56	85.00 RT	650+86.57	-54.23 LT	259504.58	568826.16	30'
324	968+93.91	14.98 RT	650+20.63	-199.50 LT	259649.16	568758.71	
331	970+53.91	7.58 RT	650+17.77	-359.65 LT	259809.26	568754.18	
332	970+62.65	7.12 RT	650+17.56	-368.40 LT	259818.01	568753.87	
333	971+50.00	6.82 RT	650+19.73	-455.72 LT	259905.35	568755.13	
334	971+50.00	14.82 RT	650+27.73	-455.49 LT	259905.20	568763.13	
335	970+62.55	15.12 RT	650+25.55	-368.07 LT	259817.76	568761.87	
336	970+54.29	14.74 RT	650+24.94	-359.82 LT	259809.51	568761.34	
337	968+80.00	55.00 RT	650+60.25	-184.46 LT	259634.53	568798.48	

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERSECTION DETAILS	SHEET E

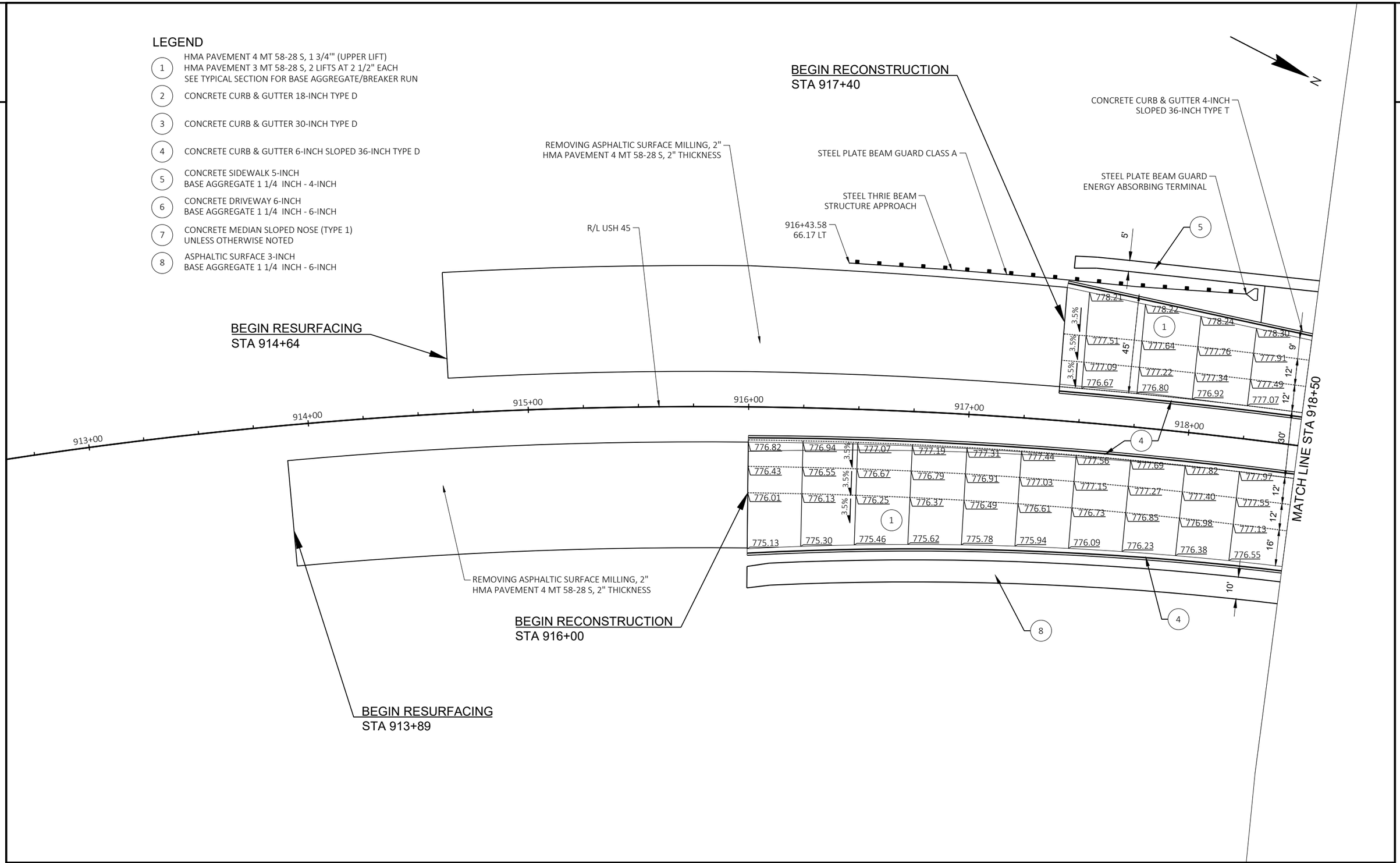
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021101-ID.DWG
LAYOUT NAME - 021108

PLOT DATE : 5/14/2021 7:50 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021201

PLOT DATE : 5/14/2021 12:35 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_34

WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
500	301+28.85	11.36 RT	255209.13	569464.77
501	301+11.03	93.14 RT	255126.28	569449.24
502	300+98.95	94.35 RT	255124.79	569434.74
503	301+07.77	13.87 RT	255205.40	569443.09

MATCH LINE STA 248+40

MATCH LINE STA 918+50

MATCH LINE STA 924+00

R/L RAWSON NW RAMP

CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE T

TRANSITION CURB HEIGHT AT RADIUS RETURN, USE 10' TRANSITION

R/L USH 45

R/L FRONTAGE ROAD EAST

R/L PHYLLIS LANE

6' CURB TRANSITION AFTER RADIUS RETURN

544

543

502

501

503

500

919+00

920+00

921+00

922+00

923+00

924+00

248+00

250+00

301+00

R30'

R10'

21'

5'

10'

30'

12'

16'

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

PRE_35

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021202
PLOT DATE : 5/14/2021 12:35 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
543	924+02.90	-147.72 LT	255250.33	569242.02
544	923+90.59	-168.67 LT	255251.26	569210.90
545	924+27.15	-183.96 LT	255273.91	569208.65
546	924+31.17	-159.56 LT	255279.68	569239.77

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
536	328+51.91	-13.50 LT	255510.59	569235.34
537	328+56.97	-45.72 LT	255516.22	569203.22
538	328+84.10	-45.82 LT	255543.35	569203.59
539	328+87.10	-13.50 LT	255545.77	569235.97

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
540	329+73.77	-13.50 LT	255632.43	569237.51
541	329+90.51	-36.07 LT	255649.57	569215.24
542	330+11.63	-36.07 LT	255670.69	569215.62
590	330+14.07	-9.65 LT	255672.66	569242.07

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

N

MATCH LINE STA 924+00

MATCH LINE STA 929+50

R/L FRONTAGE ROAD WEST

R/L USH 45

R/L FRONTAGE ROAD EAST

CRASH CUSHIONS PERMANENT

CONCRETE BARRIER TYPE S32A

924+17.14
60.51 R

R20'

R15'

22'

5'

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
504	351+26.65	7.50 RT	255345.54	569409.26
505	351+28.72	26.01 RT	255348.39	569427.65
506	351+42.50	26.01 RT	255361.98	569427.12
507	351+44.87	7.52 RT	255363.68	569408.56

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
508	351+96.96	7.50 RT	255415.56	569407.40
509	352+00.53	35.03 RT	255419.31	569434.90
510	352+16.24	35.02 RT	255434.75	569434.84
511	352+18.48	7.50 RT	255437.00	569407.32

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
512	353+72.32	7.50 RT	255590.69	569409.79
513	353+75.56	24.00 RT	255593.64	569426.35
514	353+94.95	24.00 RT	255613.02	569426.69
515	353+97.78	7.50 RT	255616.15	569410.25

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
516	354+81.72	7.50 RT	255700.08	569411.74
517	354+84.28	35.00 RT	255702.15	569439.28
518	354+99.95	34.99 RT	255717.81	569439.56
519	355+03.39	7.50 RT	255721.74	569412.13

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
520	355+25.69	7.50 RT	255744.04	569412.52
521	355+28.69	35.00 RT	255746.55	569440.07
522	355+49.05	35.00 RT	255766.91	569440.43
523	355+52.05	7.50 RT	255770.40	569412.99

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

PRE_36

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021203

PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
591	930+73.99	-55.00 LT	255937.27	569277.44
592	930+76.17	-80.00 LT	255939.91	569252.49
593	931+11.49	-80.00 LT	255975.22	569253.12
594	931+31.85	-55.00 LT	255995.13	569278.47

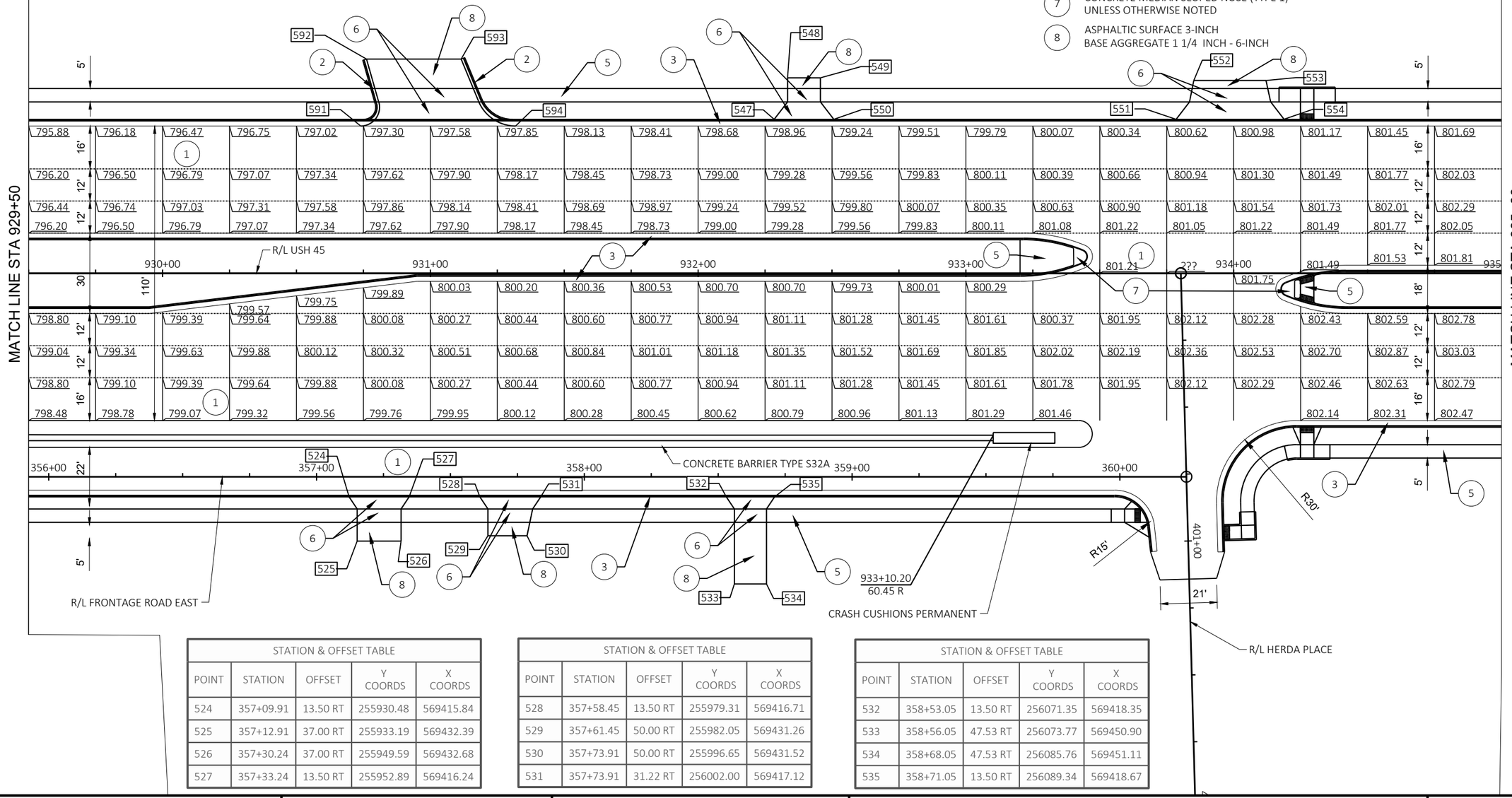
STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
547	932+28.40	-57.50 LT	256091.71	569277.69
548	932+33.40	-73.00 LT	256096.99	569262.28
549	932+45.65	-72.98 LT	256109.23	569262.52
550	932+50.65	-57.50 LT	256113.96	569278.09

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
551	933+78.50	-57.50 LT	256241.78	569280.36
552	933+85.10	-72.00 LT	256248.64	569265.98
553	934+12.05	-72.00 LT	256275.59	569266.46
554	934+18.78	-57.52 LT	256282.06	569281.06

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

N



STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
524	357+09.91	13.50 RT	255930.48	569415.84
525	357+12.91	37.00 RT	255933.19	569432.39
526	357+30.24	37.00 RT	255949.59	569432.68
527	357+33.24	13.50 RT	255952.89	569416.24

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
528	357+58.45	13.50 RT	255979.31	569416.71
529	357+61.45	50.00 RT	255982.05	569431.26
530	357+73.91	50.00 RT	255996.65	569431.52
531	357+73.91	31.22 RT	256002.00	569417.12

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
532	358+53.05	13.50 RT	256071.35	569418.35
533	358+56.05	47.53 RT	256073.77	569450.90
534	358+68.05	47.53 RT	256085.76	569451.11
535	358+71.05	13.50 RT	256089.34	569418.67

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021204

PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_37

2

2

N

MATCH LINE STA 448+50

R/L CORTEZ ROAD

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
559	936+55.45	-57.50 LT	256518.69	569285.29
560	936+60.45	-74.00 LT	256523.98	569268.88
561	936+72.45	-74.00 LT	256535.98	569269.09
562	936+77.45	-57.50 LT	256540.69	569285.68

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
563	937+59.30	-57.50 LT	256622.52	569287.14
564	937+64.30	-73.00 LT	256627.80	569271.73
565	937+76.87	-73.00 LT	256640.37	569271.95
566	937+81.87	-57.50 LT	256645.09	569287.54

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
583	448+60.34	-15.00 LT	256899.39	569209.57
584	448+69.79	-28.25 LT	256912.71	569218.94
585	448+78.53	-32.61 LT	256917.12	569227.64
586	448+93.50	-15.00 LT	256899.60	569242.73

MATCH LINE STA 935+00

MATCH LINE STA 941+00

MATCH LINE STA 451+25

R/L USH 45

R/L CORTEZ CIRCLE (SOUTH)

936+00 937+00 938+00 939+00 940+00 941+00

449+00

451+00

R30'

110'

45'

2%

5'

16'

12'

18'

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
555	935+87.04	-57.50 LT	256450.29	569284.07
556	935+92.04	-86.00 LT	256455.80	569255.67
557	936+04.04	-86.00 LT	256467.80	569255.88
558	936+09.04	-57.50 LT	256472.29	569284.46

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

PRE_38

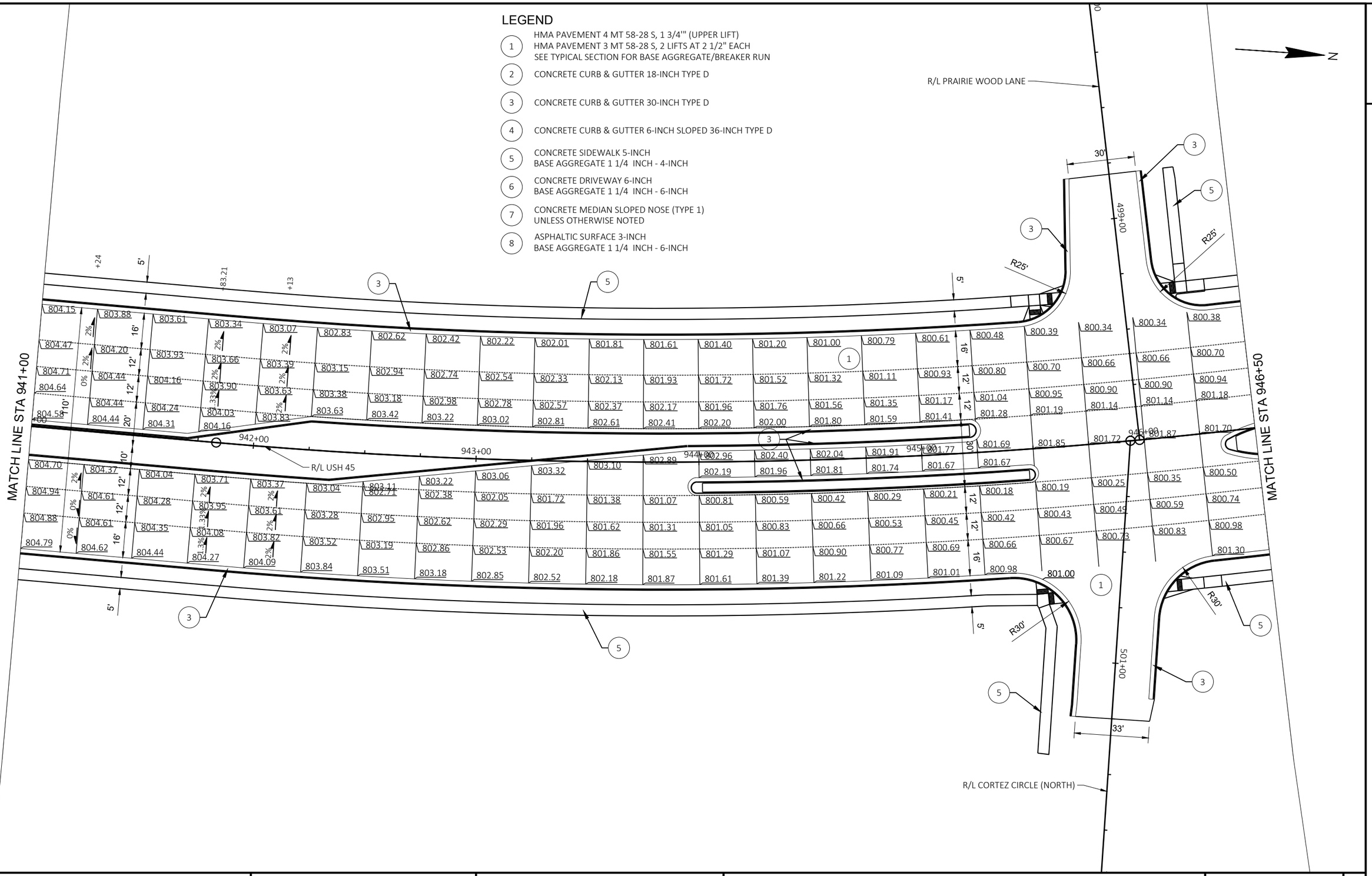
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LAYOUT NAME - 021205

PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

PRE_39

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021206

PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA 946+50

MATCH LINE STA 951+00

R/L USH 45

947+00 948+00 949+00 950+00 951

110'

5' 16' 12' 12' VAR. VAR. 12' 12' 16' 5'

800.46 800.60 800.78 801.00 801.27 801.59 801.94 802.35 802.77 803.18 803.54 803.85 804.11 804.33 804.49 804.60 804.67 804.68

800.79 800.92 801.10 801.32 801.59 801.91 802.26 802.67 803.09 803.50 803.86 804.17 804.43 804.65 804.81 804.92 804.98 805.00

801.03 801.16 801.34 801.56 801.83 802.15 802.50 802.90 803.33 803.74 804.10 804.41 804.67 804.89 805.05 805.16 805.23 805.24

801.27 801.40 801.58 801.80 802.07 802.38 802.74 803.14 803.57 803.98 804.34 804.65 804.91 805.13 805.29 805.40 805.47 805.48

801.43 801.64 801.45 801.17 801.55 801.91 802.27 802.60 ??? ??? 803.70 804.03 804.33 804.59 804.79 804.96 805.07 805.14

804.27 804.57 804.83 805.03 805.20 805.31 805.38

800.69 800.93 801.21 801.55 801.91 802.61 802.45 802.78 803.08 803.39 804.08 804.43 804.73 804.99 805.20 805.36 805.47 805.54

800.93 801.17 801.45 801.79 802.15 802.27 802.63 803.00 803.36 803.72 804.32 804.67 804.97 805.23 805.44 805.60 805.71 805.78

801.17 801.41 801.69 802.03 802.39 802.51 802.87 803.24 803.60 803.96 804.56 804.91 805.21 805.47 805.68 805.84 805.95 806.02

801.49 801.73 802.01 802.35 802.71 802.75 803.11 803.48 803.84 804.20 804.52 804.88 805.23 805.53 805.79 806.00 806.16 806.27 806.34

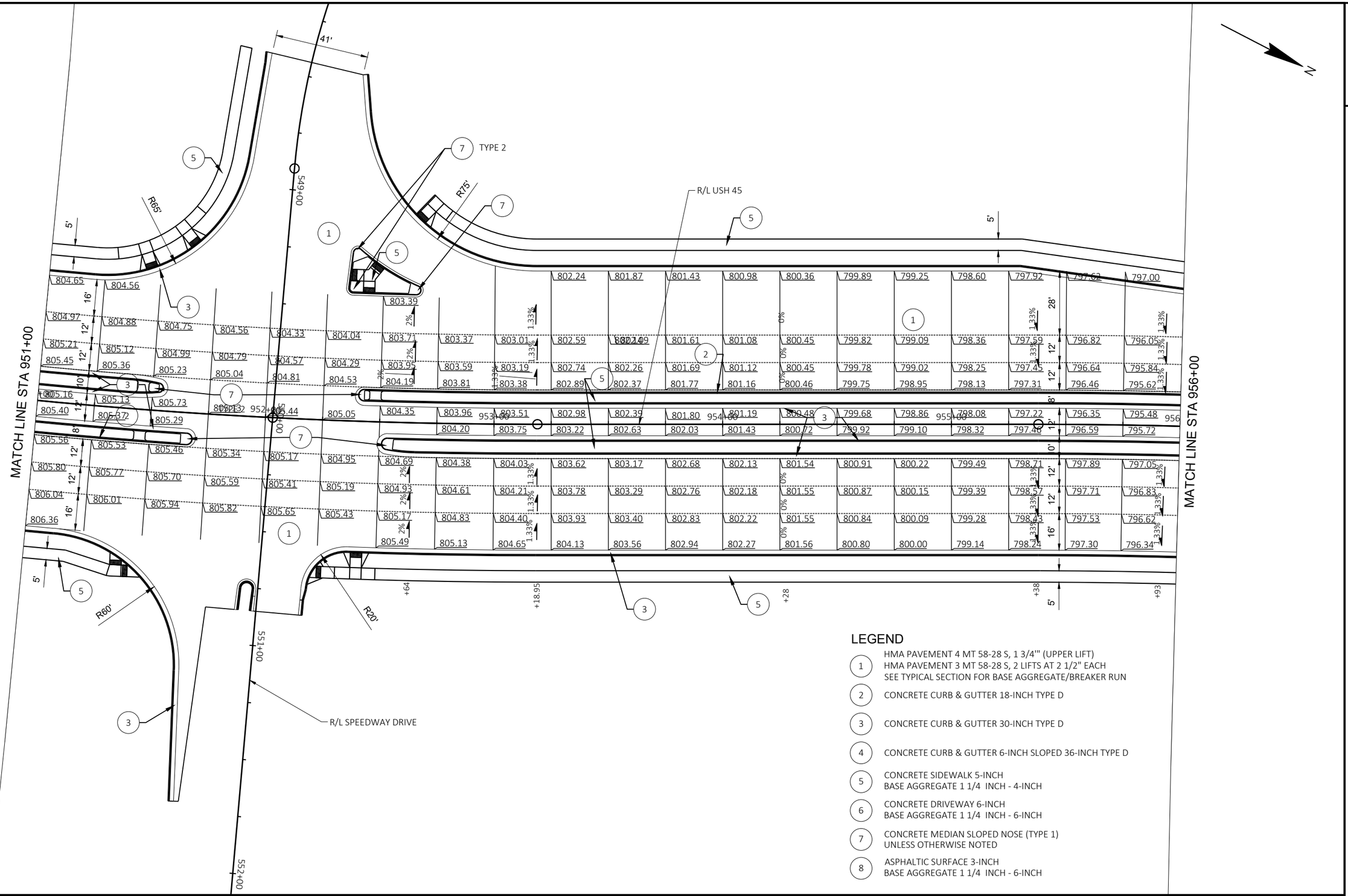
LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021207
PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2



LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

PRE_41

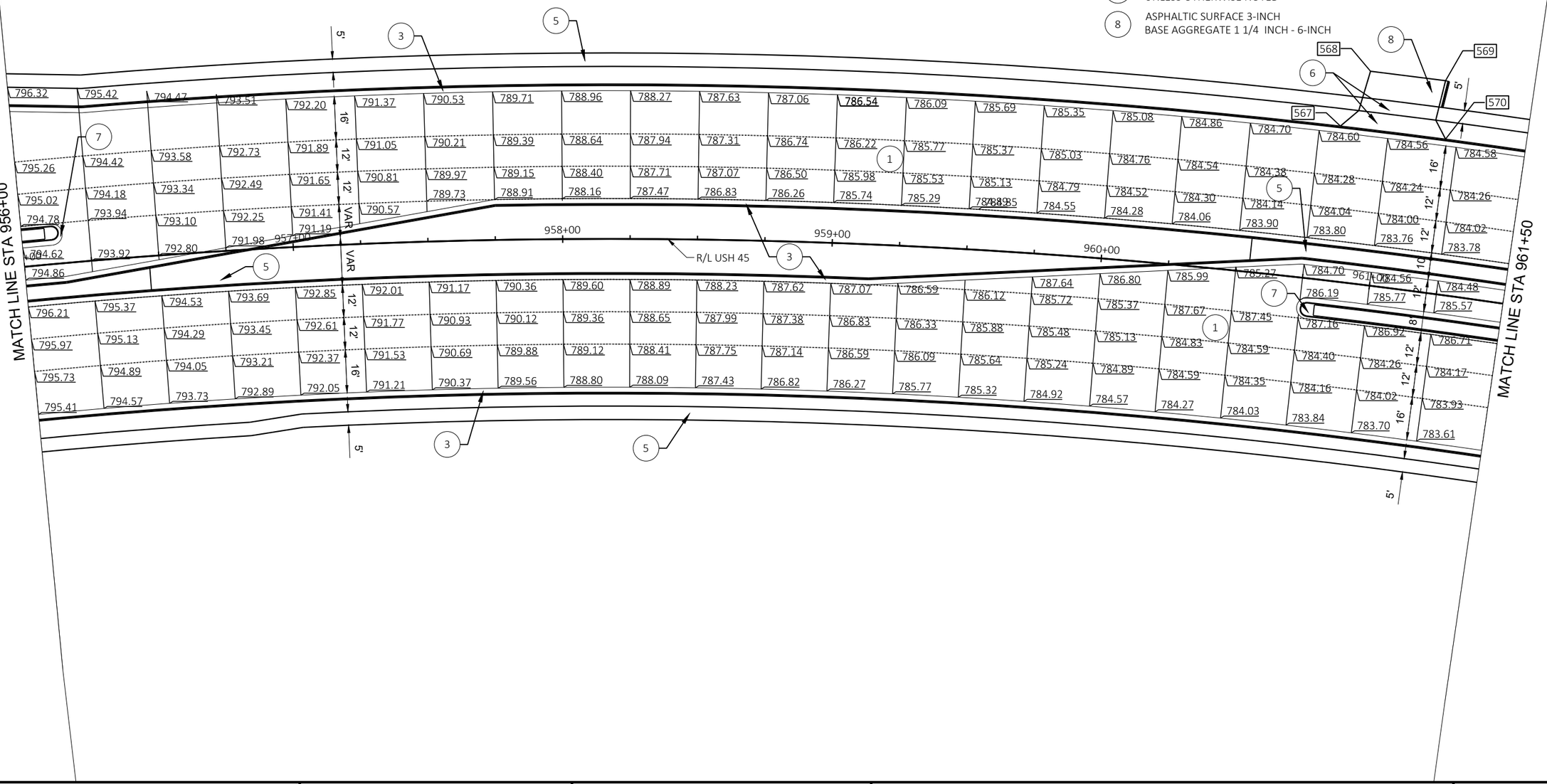
2

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
567	960+82.47	-57.50 LT	258829.62	568749.27
568	960+90.95	-79.00 LT	258833.04	568726.32
569	961+18.08	-78.99 LT	258860.36	568719.93
570	961+20.83	-57.50 LT	258867.89	568740.25

LEGEND

N

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

PRE_42

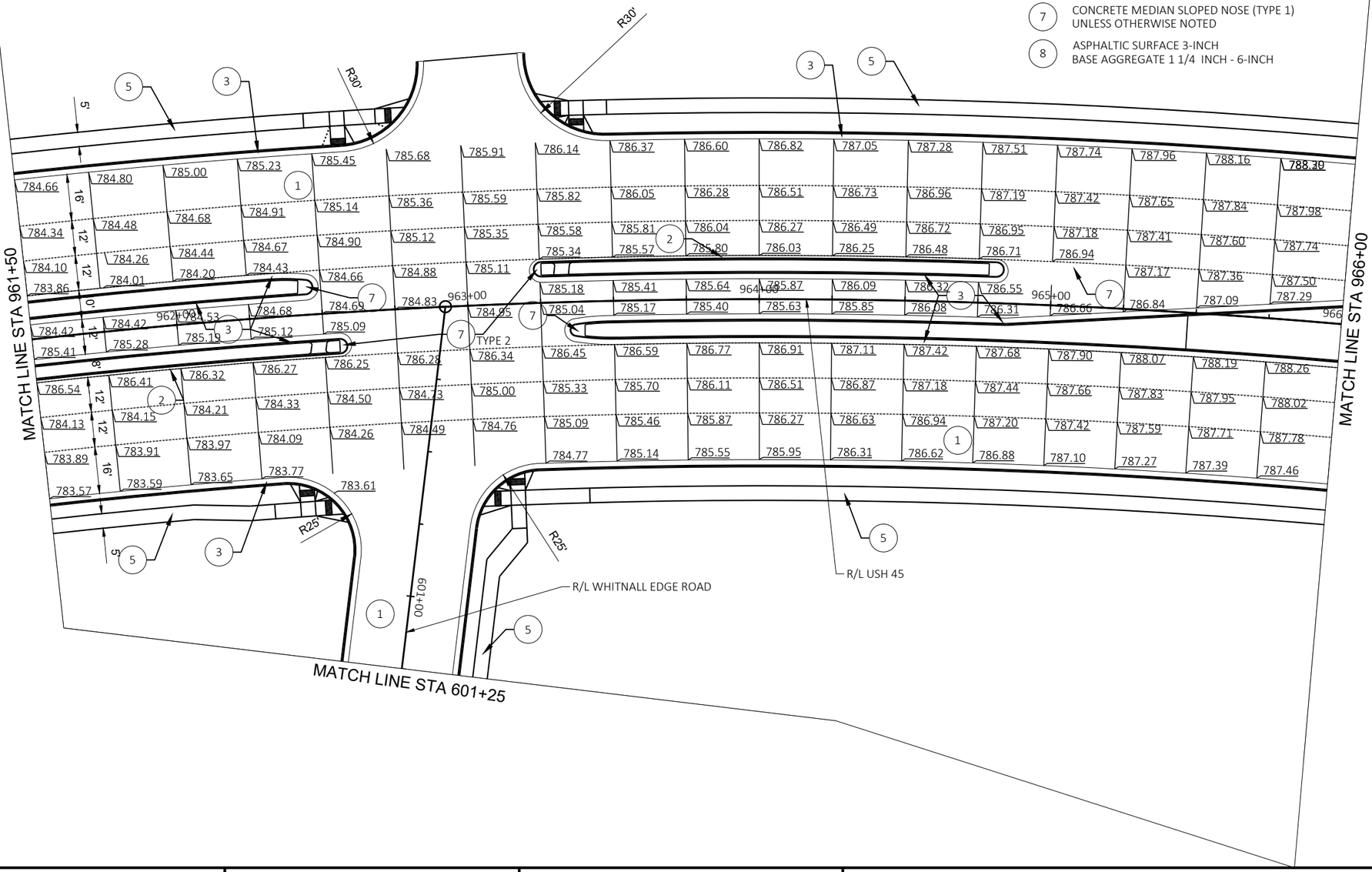
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LAYOUT NAME - 021209

PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

N



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021210
PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

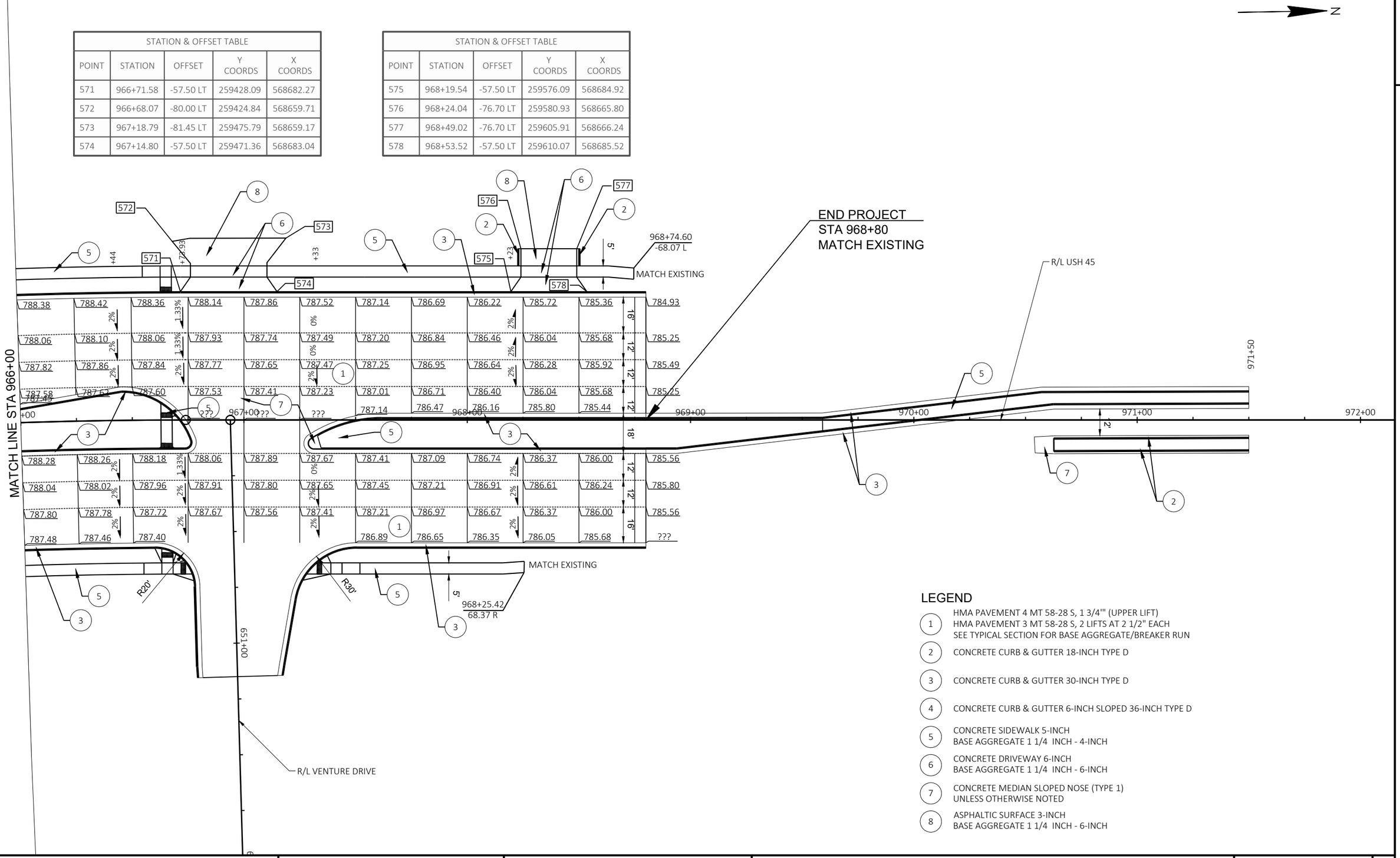
PRE_43

WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
571	966+71.58	-57.50 LT	259428.09	568682.27
572	966+68.07	-80.00 LT	259424.84	568659.71
573	967+18.79	-81.45 LT	259475.79	568659.17
574	967+14.80	-57.50 LT	259471.36	568683.04

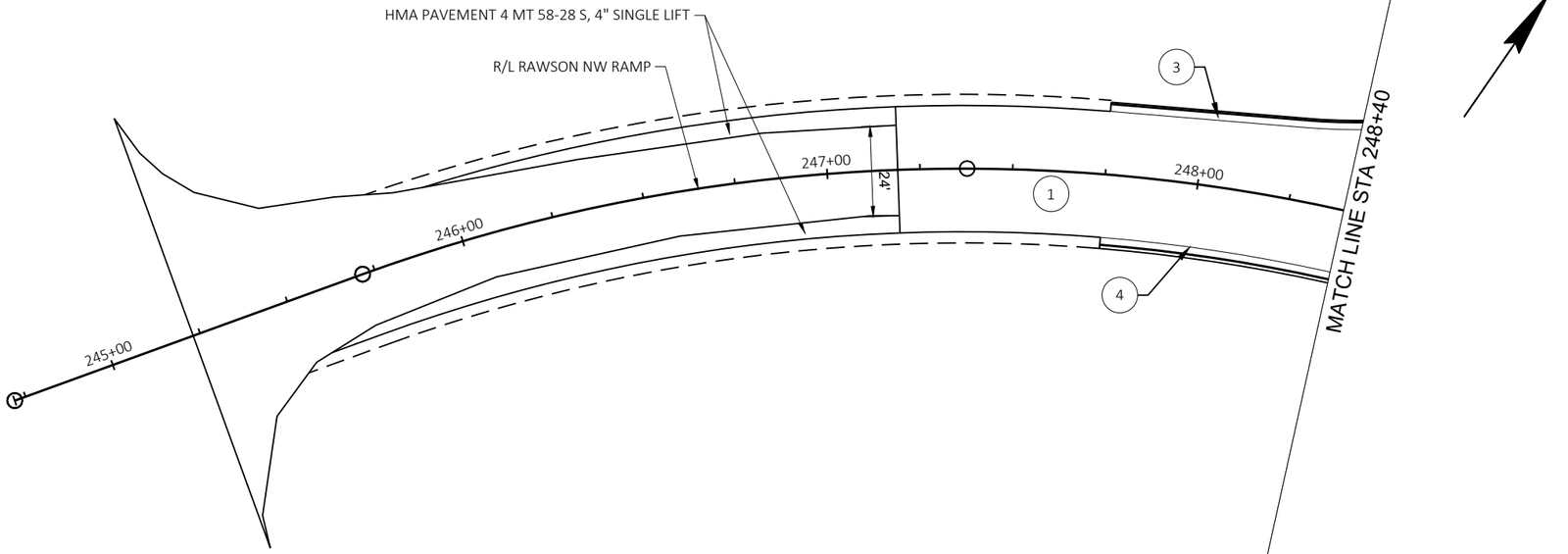
STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
575	968+19.54	-57.50 LT	259576.09	568684.92
576	968+24.04	-76.70 LT	259580.93	568665.80
577	968+49.02	-76.70 LT	259605.91	568666.24
578	968+53.52	-57.50 LT	259610.07	568685.52



LEGEND

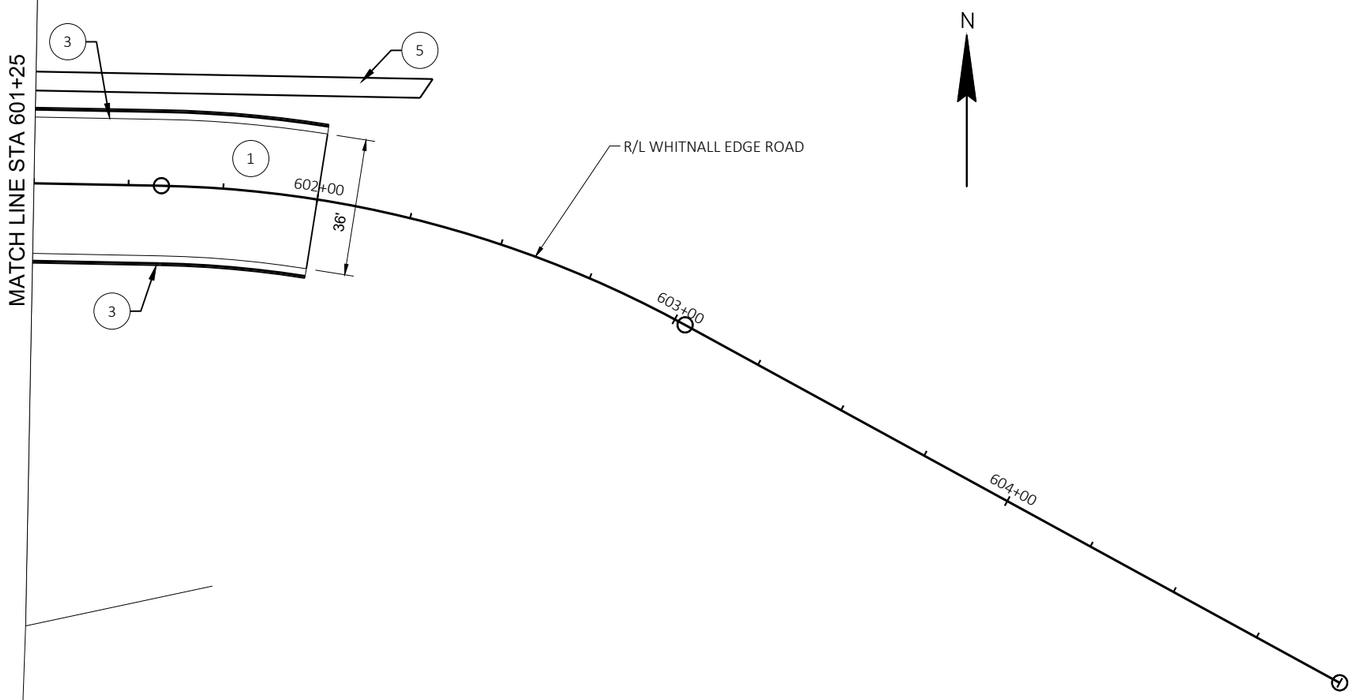
1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4"' (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH

2



LEGEND

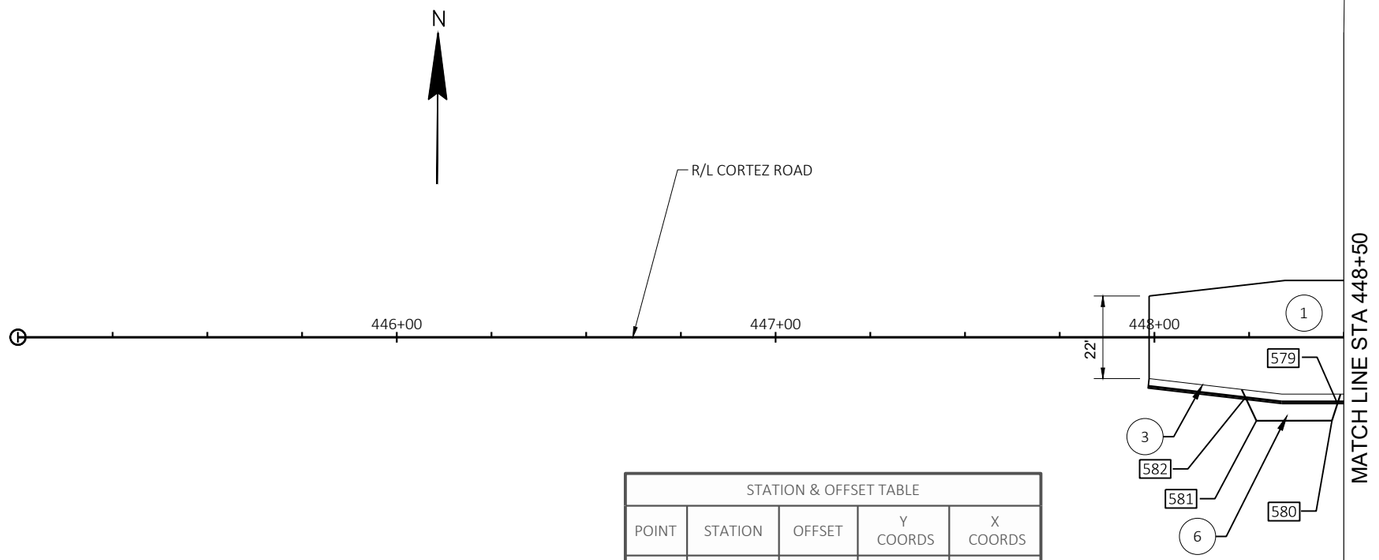
1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN DETAILS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-PD.DWG
LAYOUT NAME - 021212

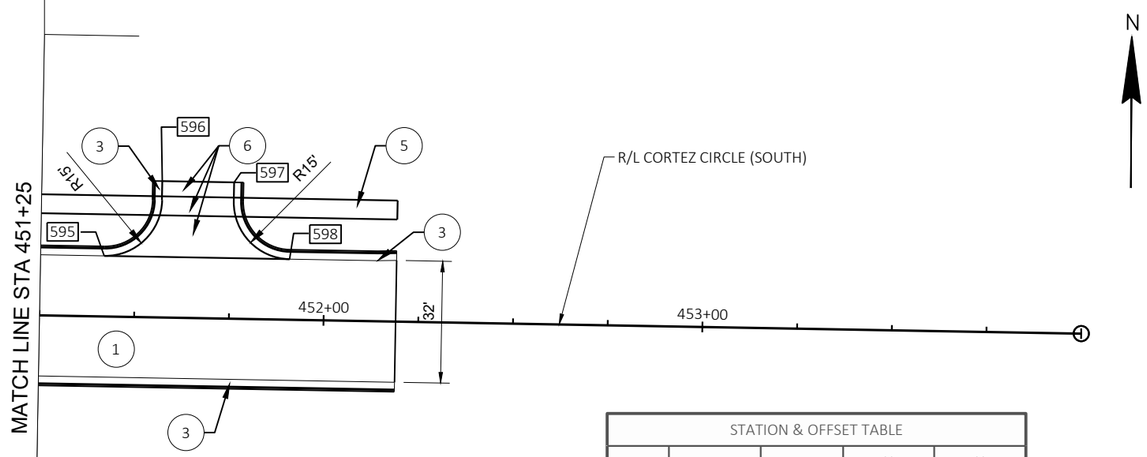
PLOT DATE : 5/14/2021 12:36 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT



STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
579	448+48.30	17.50 RT	256866.81	569197.74
580	448+46.85	22.01 RT	256862.29	569196.32
581	448+26.94	22.04 RT	256862.14	569176.40
582	448+24.03	15.89 RT	256868.27	569173.46

LEGEND

1. HMA PAVEMENT 4 MT 58-28 S, 1 3/4'" (UPPER LIFT)
   HMA PAVEMENT 3 MT 58-28 S, 2 LIFTS AT 2 1/2" EACH
   SEE TYPICAL SECTION FOR BASE AGGREGATE/BREAKER RUN
2. CONCRETE CURB & GUTTER 18-INCH TYPE D
3. CONCRETE CURB & GUTTER 30-INCH TYPE D
4. CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D
5. CONCRETE SIDEWALK 5-INCH
   BASE AGGREGATE 1 1/4 INCH - 4-INCH
6. CONCRETE DRIVEWAY 6-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH
7. CONCRETE MEDIAN SLOPED NOSE (TYPE 1)
   UNLESS OTHERWISE NOTED
8. ASPHALTIC SURFACE 3-INCH
   BASE AGGREGATE 1 1/4 INCH - 6-INCH



STATION & OFFSET TABLE				
POINT	STATION	OFFSET	Y COORDS	X COORDS
595	451+41.80	-16.00 LT	256901.49	569491.43
596	451+56.80	-36.00 LT	256921.22	569506.78
597	451+75.76	-36.00 LT	256920.89	569525.74
598	451+90.76	-16.00 LT	256900.63	569540.39

2

R/L RAWSON
NW RAMP

30-INCH CURB AND GUTTER, TYPE D

R/L USH 45

PROPOSED R/W

920+25

920+00

919+75

919+50

N

LEGEND	
	LANDING
	DETECTABLE WARNING FIELD
	CURB PAN TRANSITION
	SIDEWALK TRANSITION
	PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RAWSON NW RAMP S	SHEET E

PRE_47

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Rawson NW Ramp S

PLOT DATE : 5/14/2021 7:53 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

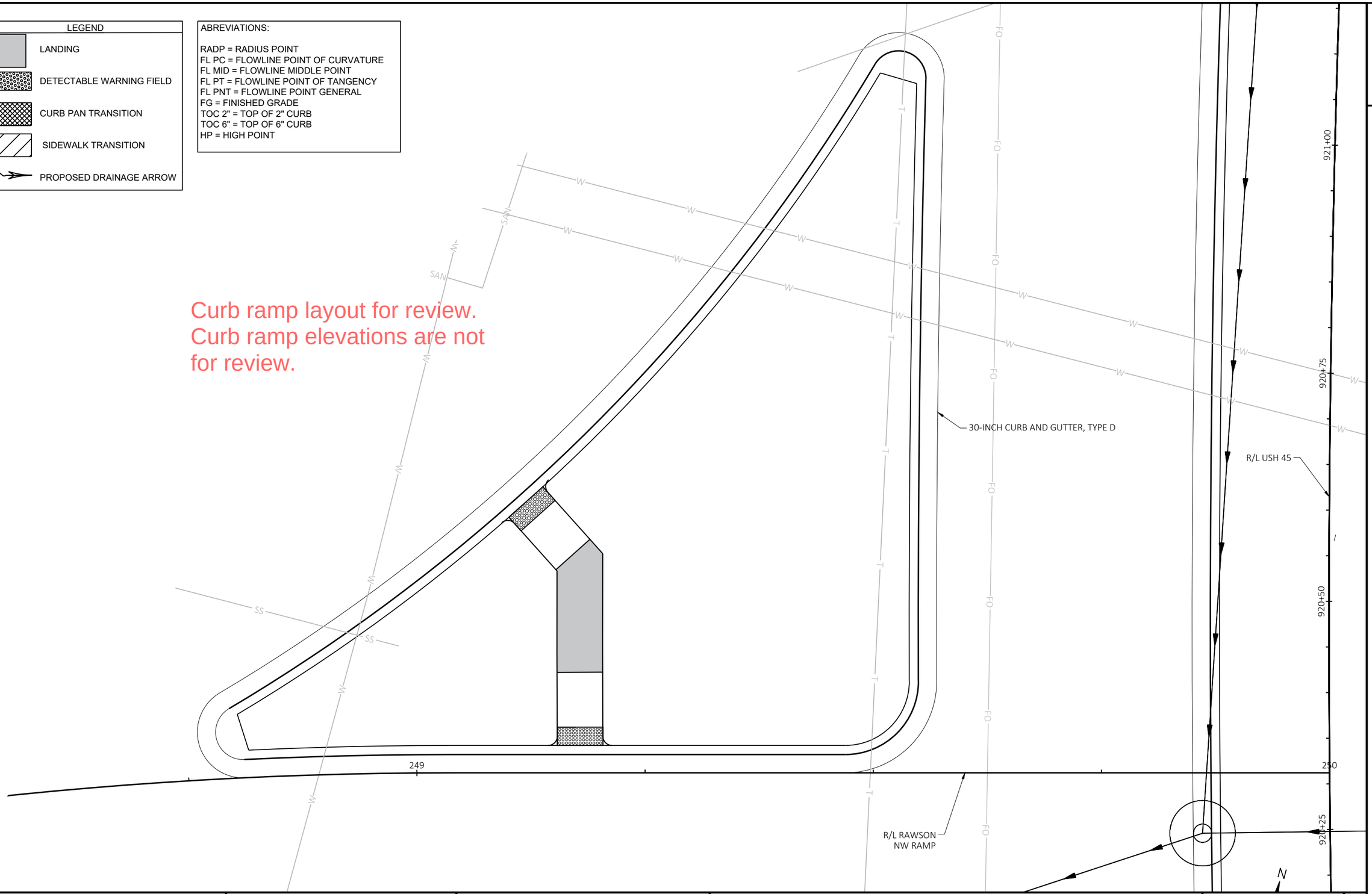
2

LEGEND	
	LANDING
	DETECTABLE WARNING FIELD
	CURB PAN TRANSITION
	SIDEWALK TRANSITION
	PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

Curb ramp layout for review.
Curb ramp elevations are not for review.



2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RAWSON NW RAMP ISLAND	SHEET E

PRE_48

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Rawson NW Ramp Island
PLOT DATE : 5/14/2021 7:53 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

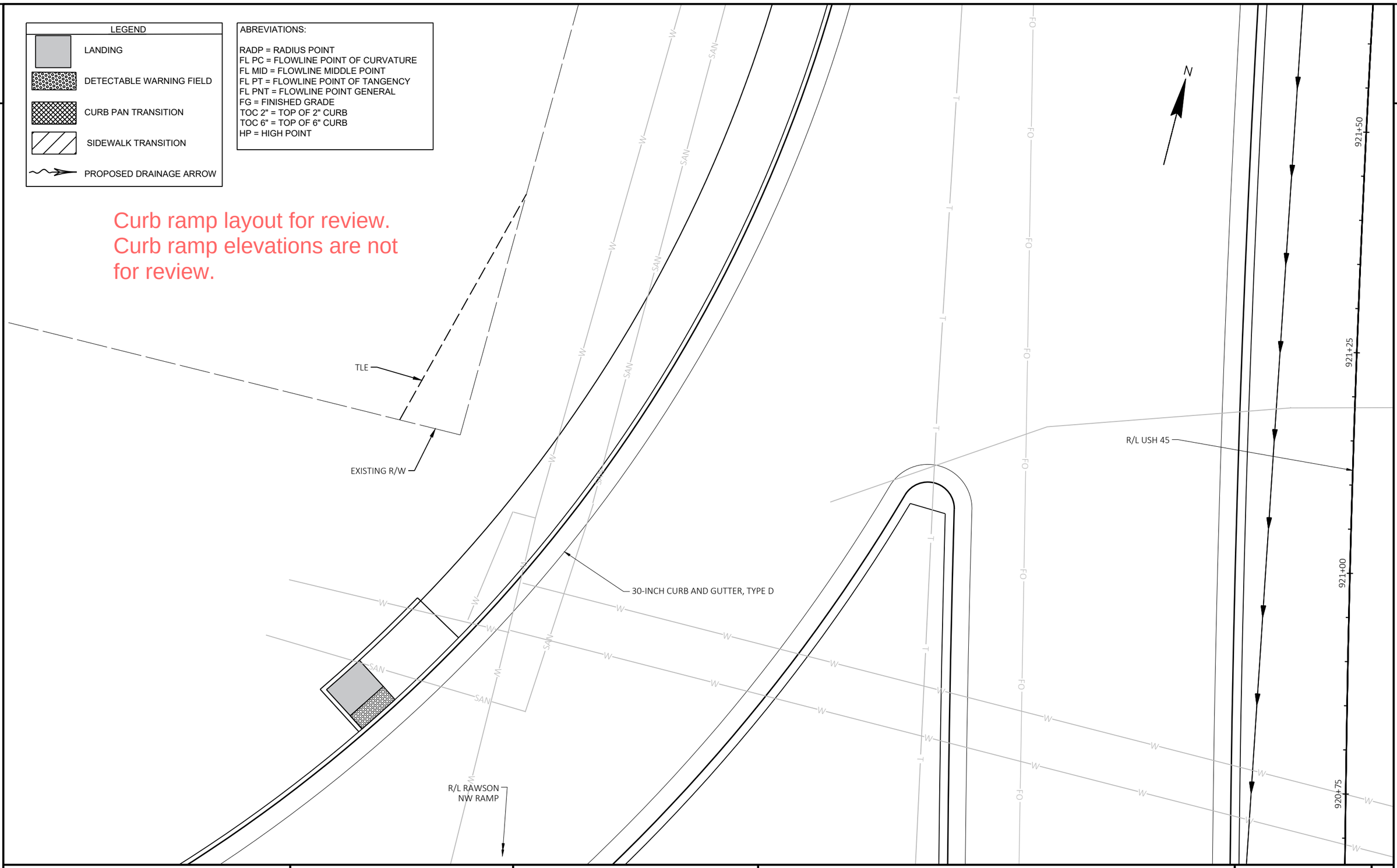
LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

Curb ramp layout for review.
Curb ramp elevations are not for review.



2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - RAWSON NW RAMP N	SHEET E

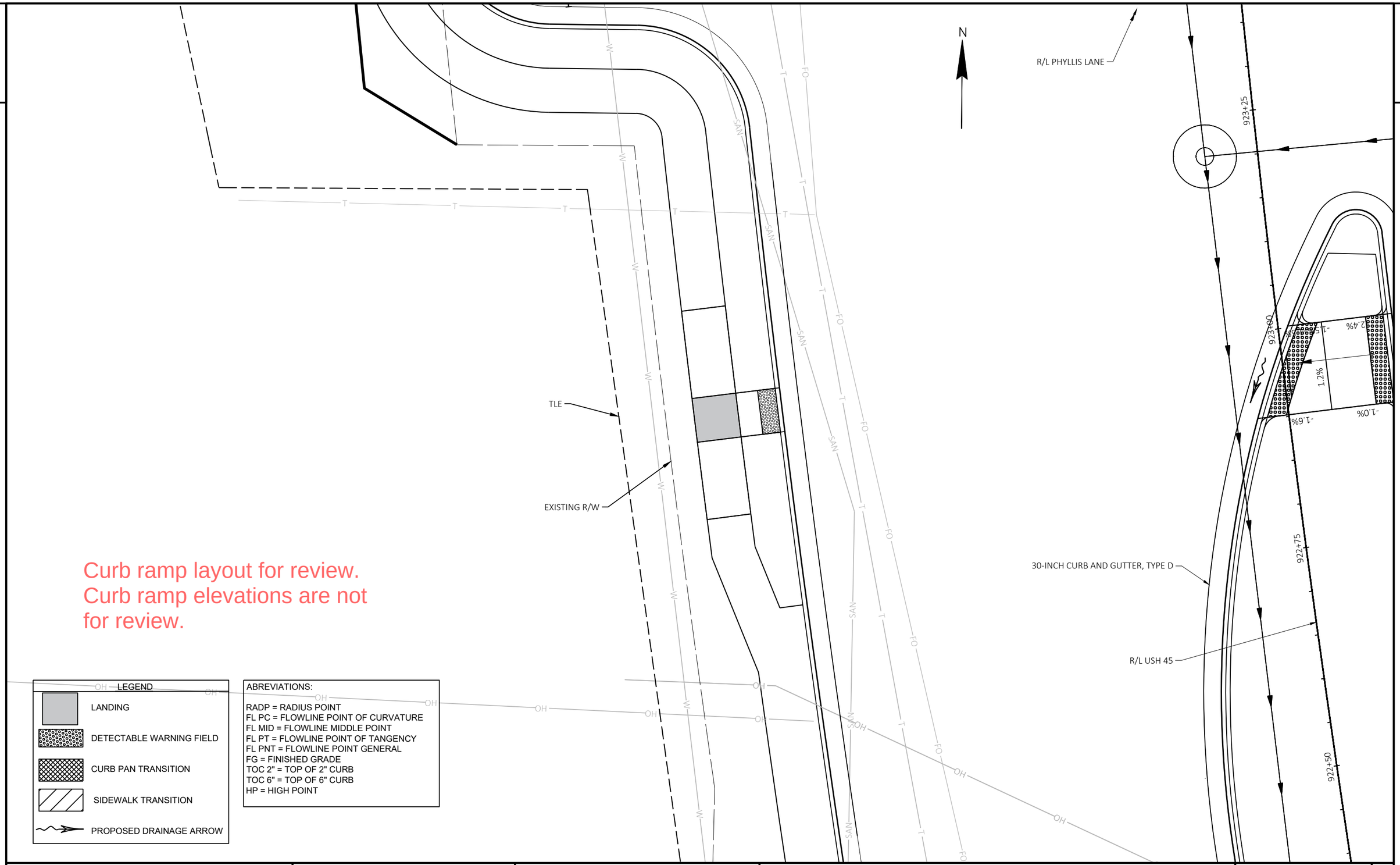
PRE_49

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Rawson NW Ramp N

PLOT DATE : 5/14/2021 7:53 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2



Curb ramp layout for review.
Curb ramp elevations are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PHYLLIS LANE SW	SHEET E

PRE_50

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Phyllis Lane SW

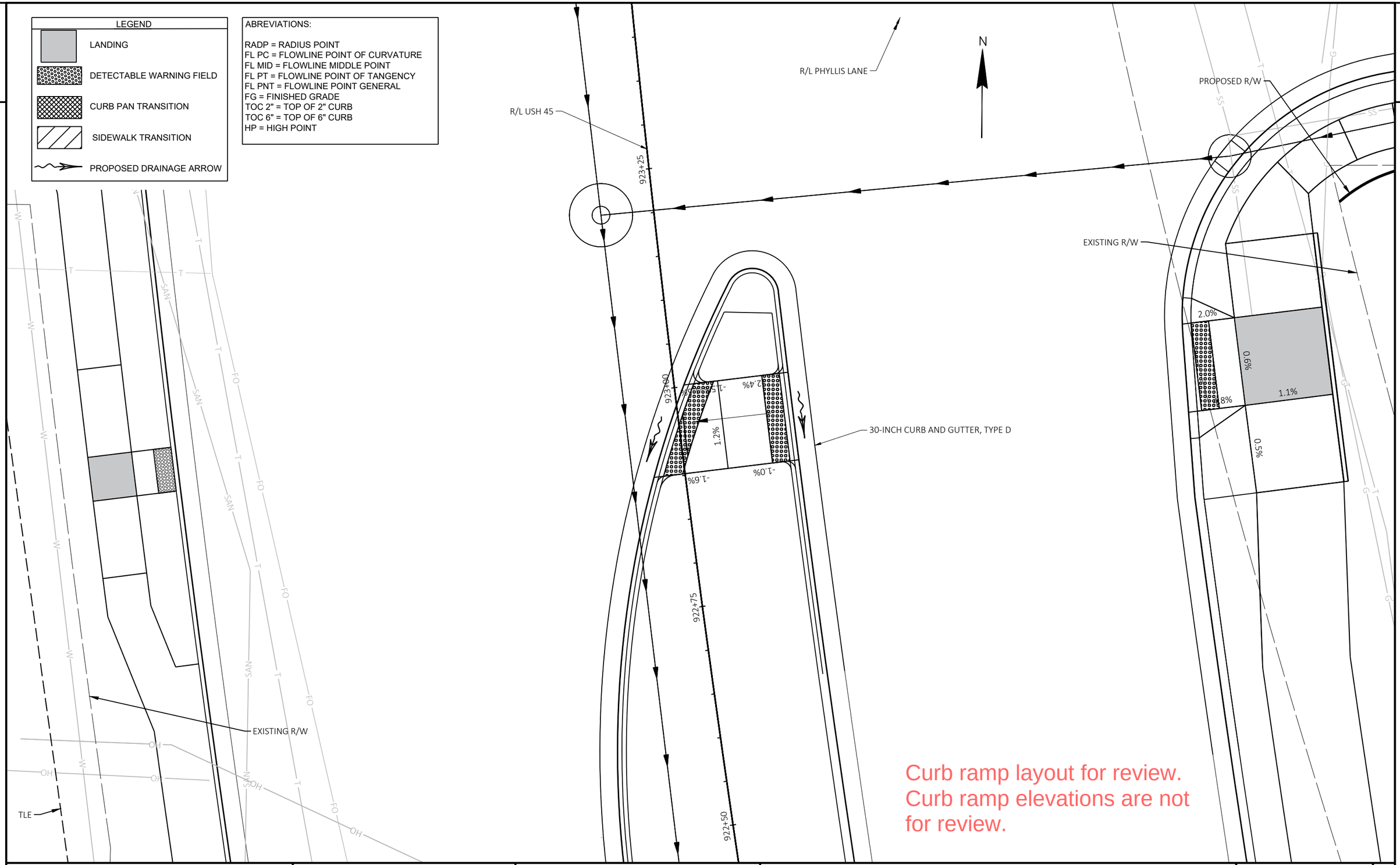
PLOT DATE : 5/14/2021 7:53 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

LEGEND	
	LANDING
	DETECTABLE WARNING FIELD
	CURB PAN TRANSITION
	SIDEWALK TRANSITION
	PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT



Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PHYLLIS LANE MEDIAN	SHEET E

PRE_51

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Phyllis Lane Median

PLOT DATE : 5/14/2021 7:53 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

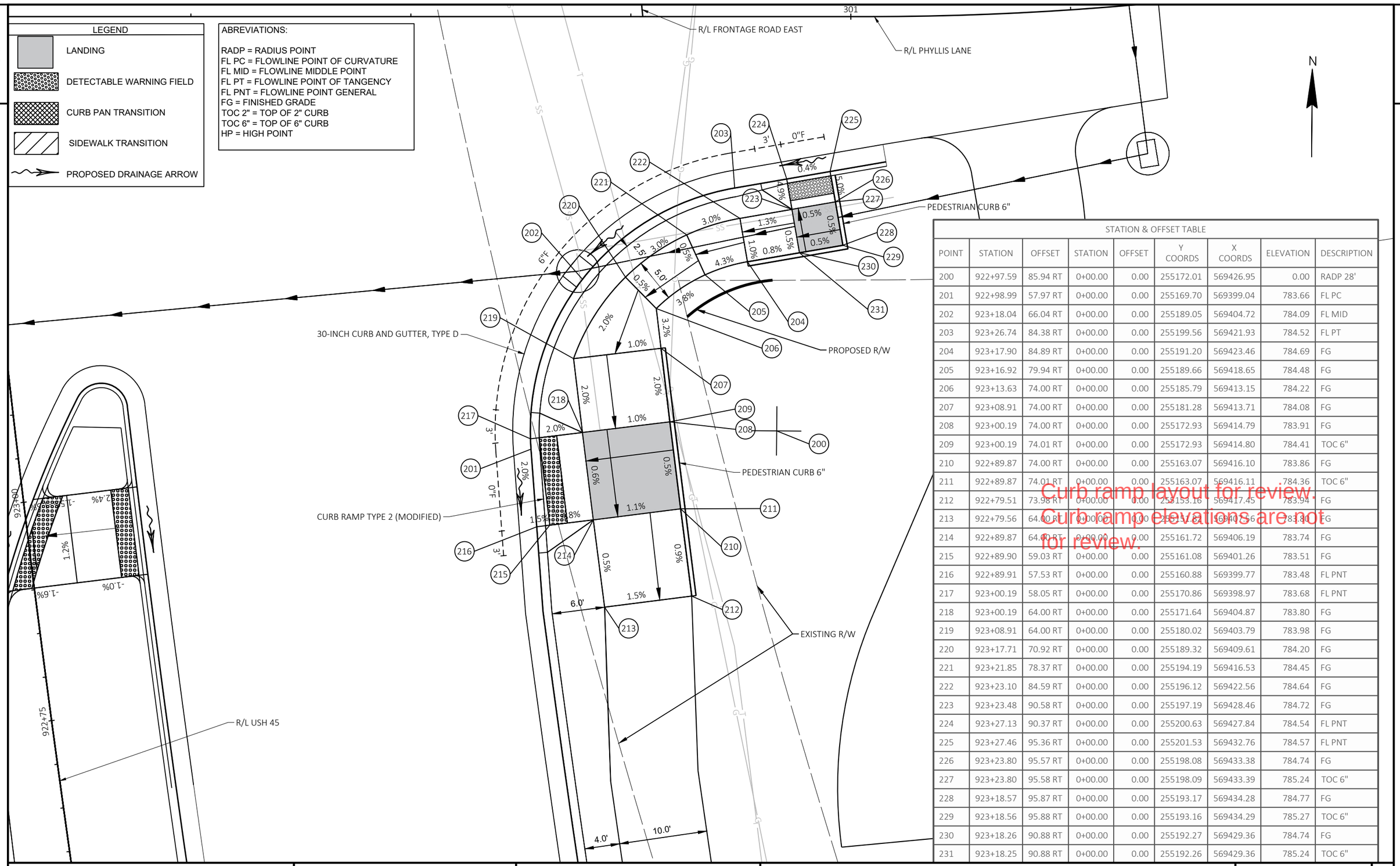
2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT



Curb ramp layout for review.
Curb ramp elevations are not for review.

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
200	922+97.59	85.94 RT	0+00.00	0.00	255172.01	569426.95	0.00	RADP 28'
201	922+98.99	57.97 RT	0+00.00	0.00	255169.70	569399.04	783.66	FL PC
202	923+18.04	66.04 RT	0+00.00	0.00	255189.05	569404.72	784.09	FL MID
203	923+26.74	84.38 RT	0+00.00	0.00	255199.56	569421.93	784.52	FL PT
204	923+17.90	84.89 RT	0+00.00	0.00	255191.20	569423.46	784.69	FG
205	923+16.92	79.94 RT	0+00.00	0.00	255189.66	569418.65	784.48	FG
206	923+13.63	74.00 RT	0+00.00	0.00	255185.79	569413.15	784.22	FG
207	923+08.91	74.00 RT	0+00.00	0.00	255181.28	569413.71	784.08	FG
208	923+00.19	74.00 RT	0+00.00	0.00	255172.93	569414.79	783.91	FG
209	923+00.19	74.01 RT	0+00.00	0.00	255172.93	569414.80	784.41	TOC 6"
210	922+89.87	74.00 RT	0+00.00	0.00	255163.07	569416.10	783.86	FG
211	922+89.87	74.01 RT	0+00.00	0.00	255163.07	569416.11	784.36	TOC 6"
212	922+79.51	73.98 RT	0+00.00	0.00	255153.16	569417.45	783.94	FG
213	922+79.56	64.00 RT	0+00.00	0.00	255153.22	569407.56	783.80	FG
214	922+89.87	64.00 RT	0+00.00	0.00	255161.72	569406.19	783.74	FG
215	922+89.90	59.03 RT	0+00.00	0.00	255161.08	569401.26	783.51	FG
216	922+89.91	57.53 RT	0+00.00	0.00	255160.88	569399.77	783.48	FL PNT
217	923+00.19	58.05 RT	0+00.00	0.00	255170.86	569398.97	783.68	FL PNT
218	923+00.19	64.00 RT	0+00.00	0.00	255171.64	569404.87	783.80	FG
219	923+08.91	64.00 RT	0+00.00	0.00	255180.02	569403.79	783.98	FG
220	923+17.71	70.92 RT	0+00.00	0.00	255189.32	569409.61	784.20	FG
221	923+21.85	78.37 RT	0+00.00	0.00	255194.19	569416.53	784.45	FG
222	923+23.10	84.59 RT	0+00.00	0.00	255196.12	569422.56	784.64	FG
223	923+23.48	90.58 RT	0+00.00	0.00	255197.19	569428.46	784.72	FG
224	923+27.13	90.37 RT	0+00.00	0.00	255200.63	569427.84	784.54	FL PNT
225	923+27.46	95.36 RT	0+00.00	0.00	255201.53	569432.76	784.57	FL PNT
226	923+23.80	95.57 RT	0+00.00	0.00	255198.08	569433.38	784.74	FG
227	923+23.80	95.58 RT	0+00.00	0.00	255198.09	569433.39	785.24	TOC 6"
228	923+18.57	95.87 RT	0+00.00	0.00	255193.17	569434.28	784.77	FG
229	923+18.56	95.88 RT	0+00.00	0.00	255193.16	569434.29	785.27	TOC 6"
230	923+18.26	90.88 RT	0+00.00	0.00	255192.27	569429.36	784.74	FG
231	923+18.25	90.88 RT	0+00.00	0.00	255192.26	569429.36	785.24	TOC 6"

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PHYLLIS LANE SE	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Phyllis Lane SE
PLOT DATE : 5/14/2021 7:53 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

PRE_52

Curb ramp layout for review.
Curb ramp elevations are not for review.

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
280	350+20.47	15.00 RT	0+00.00	0.00	255240.76	569424.17	0.00	RADP 8'
281	350+12.47	14.12 RT	0+00.00	0.00	255232.76	569424.08	785.17	FL PC
282	350+15.11	9.04 RT	0+00.00	0.00	255235.37	569418.76	785.32	FL MID
283	350+20.47	7.00 RT	0+00.00	0.00	255239.99	569416.20	785.48	FL PT
284	350+19.61	17.00 RT	0+00.00	0.00	255240.10	569426.24	785.44	FG
285	350+13.55	17.00 RT	0+00.00	0.00	255234.12	569426.84	785.14	FG
286	350+11.67	21.08 RT	0+00.00	0.00	255232.68	569431.07	785.02	FL PNT
287	350+11.68	21.08 RT	0+00.00	0.00	255232.69	569431.07	785.52	TOC 6"
288	350+12.14	17.00 RT	0+00.00	0.00	255232.73	569426.98	785.12	FL PNT
289	350+13.01	12.00 RT	0+00.00	0.00	255233.08	569421.91	785.21	FL PNT
290	350+17.61	7.53 RT	0+00.00	0.00	255237.19	569417.01	785.35	FL PNT
291	350+17.61	7.53 RT	0+00.00	0.00	255237.20	569417.01	785.85	TOC 6"
292	350+19.59	12.00 RT	0+00.00	0.00	255239.60	569421.27	785.54	FG
293	350+24.62	12.00 RT	0+00.00	0.00	255244.57	569420.79	785.57	FG
294	350+40.72	12.00 RT	0+00.00	0.00	255260.51	569419.33	786.48	FG
295	350+40.79	16.98 RT	0+00.00	0.00	255261.01	569424.29	786.55	FG
296	350+24.65	17.00 RT	0+00.00	0.00	255245.08	569425.76	785.47	FG

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
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FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

N

TLE

EXISTING R/W

30-INCH CURB AND GUTTER, TYPE D

R/L FRONTAGE ROAD EAST

R/L USH 45

R/L PHYLLIS LANE

CURB RAMP TYPE 2 (MODIFIED)

924+00

924+25

923+75

350+75

350+50

350+25

4.5'
5.0'
6.4'
4.1'
0"F
1.5%
5.7%
6.8%
2.0%
0.5%
5.0%
1.9%

294 295 296 293 280 292 283 284 285 287 286 291 290 282 289 288 281

301

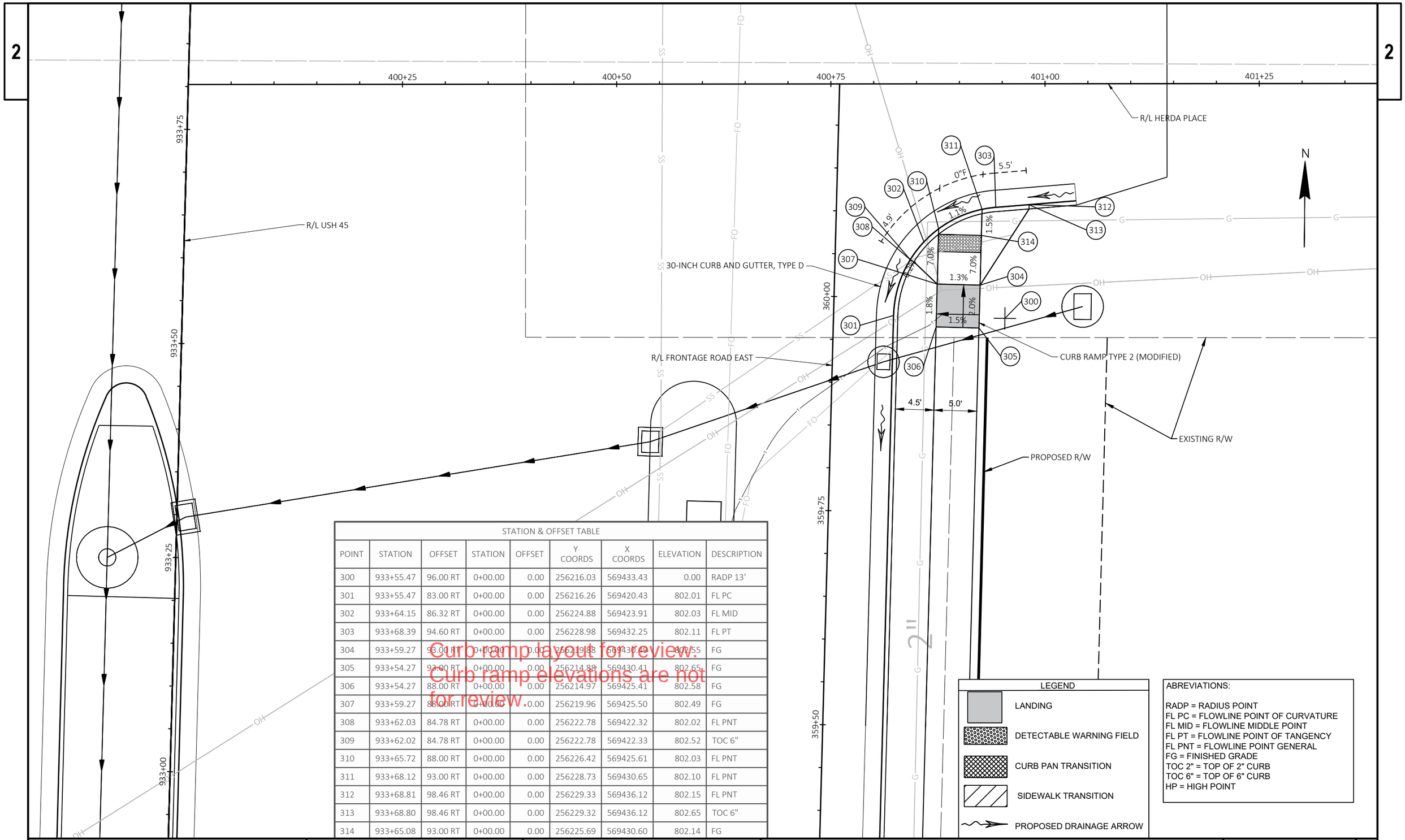
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PHYLLIS LANE NE	SHEET E

PRE_53

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Phyllis Lane NE

PLOT DATE : 5/14/2021 7:54 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
300	933+55.47	96.00 RT	0+00.00	0.00	256216.03	569433.43	0.00	RADP 13'
301	933+55.47	83.00 RT	0+00.00	0.00	256216.26	569420.43	802.01	FL PC
302	933+64.15	86.32 RT	0+00.00	0.00	256224.88	569423.91	802.03	FL MID
303	933+68.39	94.60 RT	0+00.00	0.00	256228.98	569432.25	802.11	FL PT
304	933+59.27	93.00 RT	0+00.00	0.00	256219.88	569430.65	802.55	FG
305	933+54.27	92.00 RT	0+00.00	0.00	256214.88	569430.41	802.65	FG
306	933+54.27	88.00 RT	0+00.00	0.00	256214.97	569425.41	802.58	FG
307	933+59.27	88.00 RT	0+00.00	0.00	256219.96	569425.50	802.49	FG
308	933+62.03	84.78 RT	0+00.00	0.00	256222.78	569422.32	802.02	FL PNT
309	933+62.02	84.78 RT	0+00.00	0.00	256222.78	569422.33	802.52	TOC 6"
310	933+65.72	88.00 RT	0+00.00	0.00	256226.42	569425.61	802.03	FL PNT
311	933+68.12	93.00 RT	0+00.00	0.00	256228.73	569430.65	802.10	FL PNT
312	933+68.81	98.46 RT	0+00.00	0.00	256229.33	569436.12	802.15	FL PNT
313	933+68.80	98.46 RT	0+00.00	0.00	256229.32	569436.12	802.65	TOC 6"
314	933+65.08	93.00 RT	0+00.00	0.00	256225.69	569430.60	802.14	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - HERDA PLACE SE	SHEET E

PRE_54

2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

STATION & OFFSET TABLE

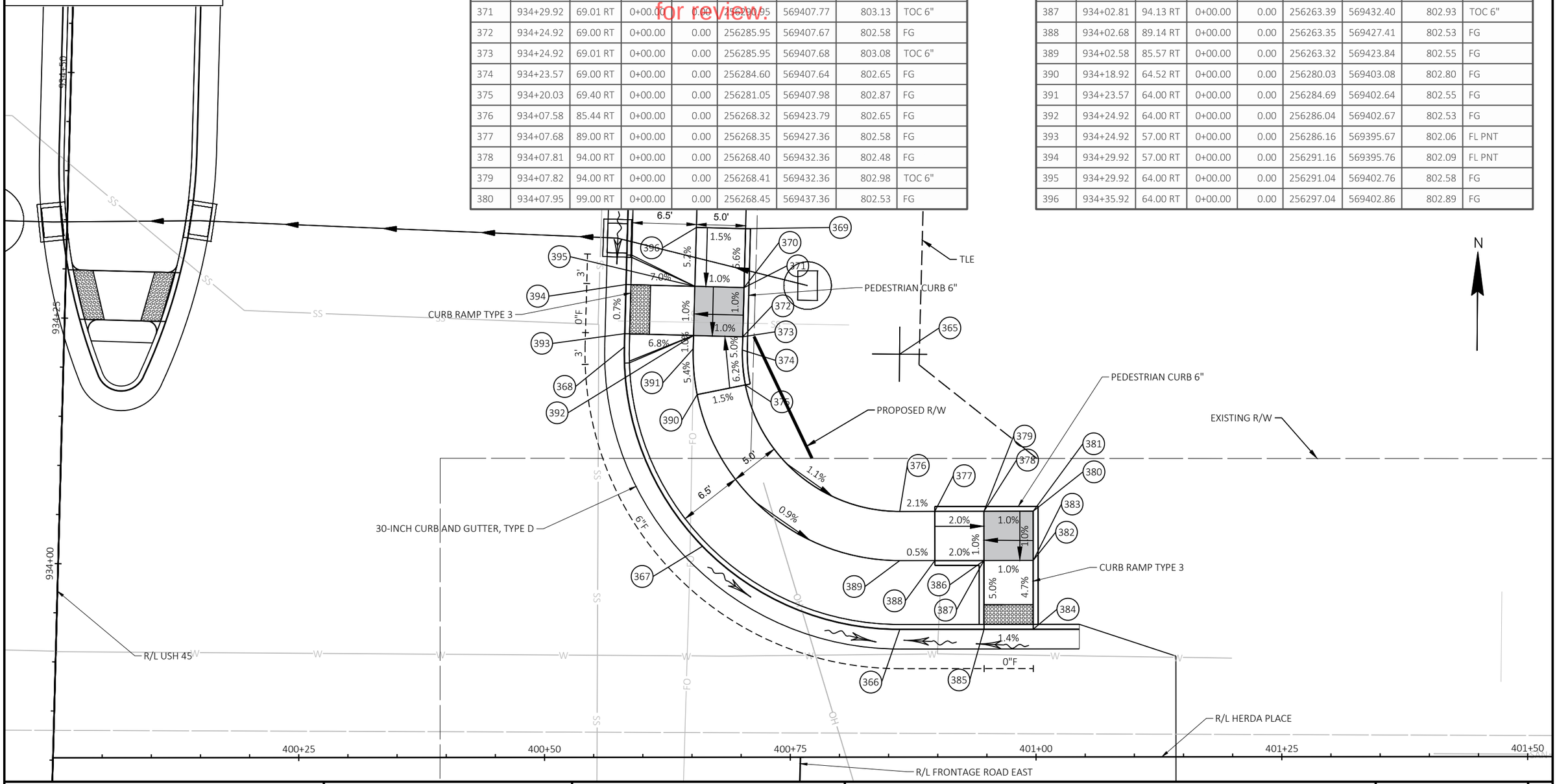
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
365	934+23.57	85.00 RT	0+00.00	0.00	256284.32	569423.64	0.00	RADP 28'
366	933+95.58	85.76 RT	0+00.00	0.00	256256.32	569423.91	801.96	FL PC
367	934+03.51	65.47 RT	0+00.00	0.00	256264.60	569403.76	802.00	FL MID
368	934+23.57	57.00 RT	0+00.00	0.00	256284.81	569395.64	802.05	FL PT
369	934+35.92	69.00 RT	0+00.00	0.00	256296.95	569407.86	802.97	FG
370	934+29.92	69.00 RT	0+00.00	0.00	256290.95	569407.76	802.63	FG
371	934+29.92	69.01 RT	0+00.00	0.00	256290.95	569407.77	803.13	TOC 6"
372	934+24.92	69.00 RT	0+00.00	0.00	256285.95	569407.67	802.58	FG
373	934+24.92	69.01 RT	0+00.00	0.00	256285.95	569407.68	803.08	TOC 6"
374	934+23.57	69.00 RT	0+00.00	0.00	256284.60	569407.64	802.65	FG
375	934+20.03	69.40 RT	0+00.00	0.00	256281.05	569407.98	802.87	FG
376	934+07.58	85.44 RT	0+00.00	0.00	256268.32	569423.79	802.65	FG
377	934+07.68	89.00 RT	0+00.00	0.00	256268.35	569427.36	802.58	FG
378	934+07.81	94.00 RT	0+00.00	0.00	256268.40	569432.36	802.48	FG
379	934+07.82	94.00 RT	0+00.00	0.00	256268.41	569432.36	802.98	TOC 6"
380	934+07.95	99.00 RT	0+00.00	0.00	256268.45	569437.36	802.53	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
381	934+07.96	99.01 RT	0+00.00	0.00	256268.46	569437.37	803.03	TOC 6"
382	934+02.95	99.14 RT	0+00.00	0.00	256263.45	569437.41	802.48	FG
383	934+02.95	99.15 RT	0+00.00	0.00	256263.45	569437.42	802.98	TOC 6"
384	933+95.95	99.33 RT	0+00.00	0.00	256256.45	569437.47	802.15	FL PNT
385	933+95.82	94.33 RT	0+00.00	0.00	256256.40	569432.47	802.08	FL PNT
386	934+02.82	94.14 RT	0+00.00	0.00	256263.40	569432.41	802.43	FG
387	934+02.81	94.13 RT	0+00.00	0.00	256263.39	569432.40	802.93	TOC 6"
388	934+02.68	89.14 RT	0+00.00	0.00	256263.35	569427.41	802.53	FG
389	934+02.58	85.57 RT	0+00.00	0.00	256263.32	569423.84	802.55	FG
390	934+18.92	64.52 RT	0+00.00	0.00	256280.03	569403.08	802.80	FG
391	934+23.57	64.00 RT	0+00.00	0.00	256284.69	569402.64	802.55	FG
392	934+24.92	64.00 RT	0+00.00	0.00	256286.04	569402.67	802.53	FG
393	934+24.92	57.00 RT	0+00.00	0.00	256286.16	569395.67	802.06	FL PNT
394	934+29.92	57.00 RT	0+00.00	0.00	256291.16	569395.76	802.09	FL PNT
395	934+29.92	64.00 RT	0+00.00	0.00	256291.04	569402.76	802.58	FG
396	934+35.92	64.00 RT	0+00.00	0.00	256297.04	569402.86	802.89	FG

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - HERDA PLACE NE	SHEET E

PRE_55

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Herda Place NE

PLOT DATE : 5/14/2021 7:54 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

N

934+75
934+50
934+25
934+00

2.8%
0.1%

30-INCH CURB AND GUTTER, TYPE D
CURB RAMP TYPE 5
R/L USH 45
R/L HERDA PLACE
TLE
EXISTING R/W
PROPOSED R/W

Curb ramp layout for review.
Curb ramp elevations are not for review.

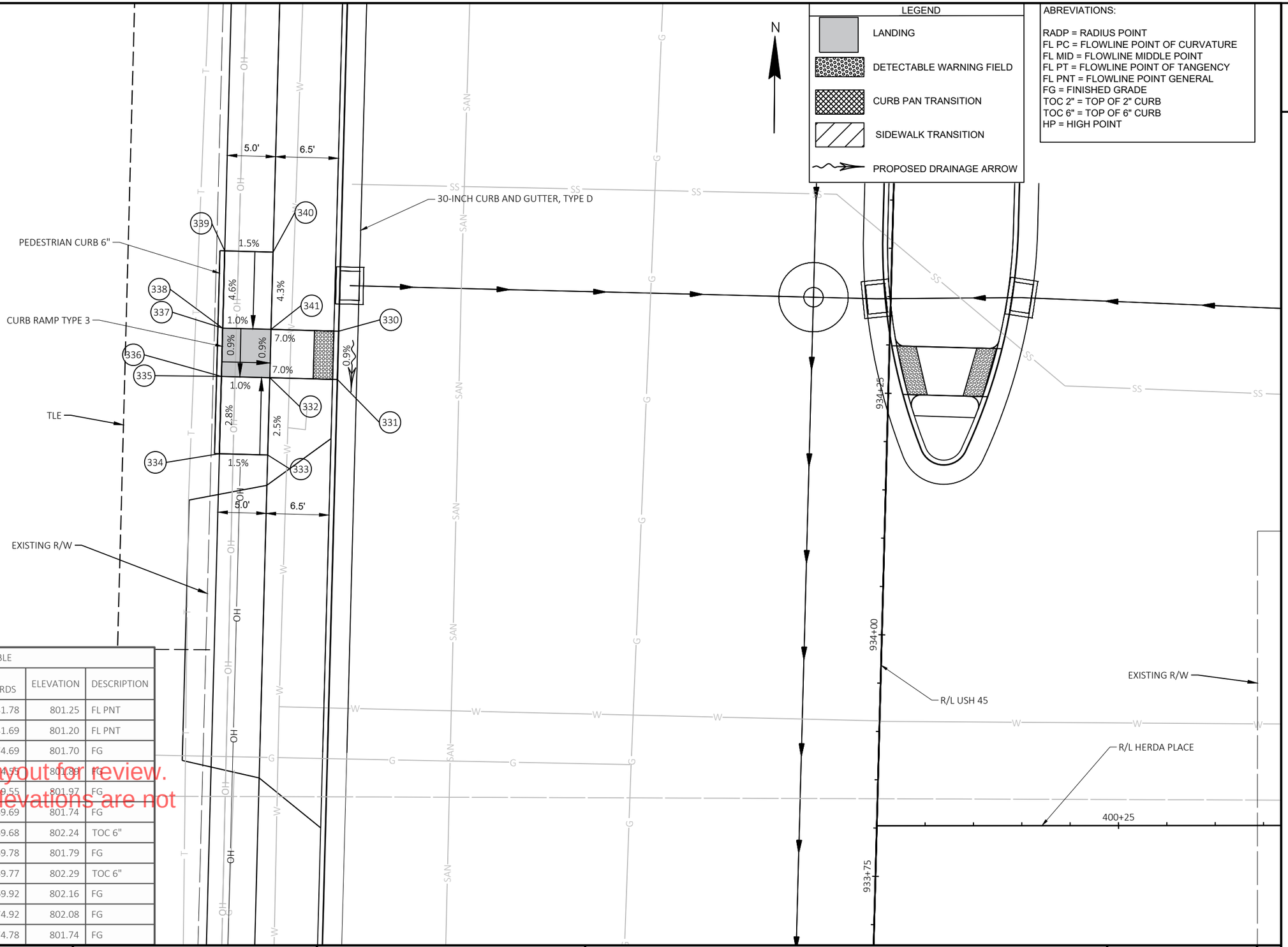
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - HERDA PLACE MEDIAN	SHEET E

PRE_56

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Herda Place Median

PLOT DATE : 5/14/2021 7:54 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



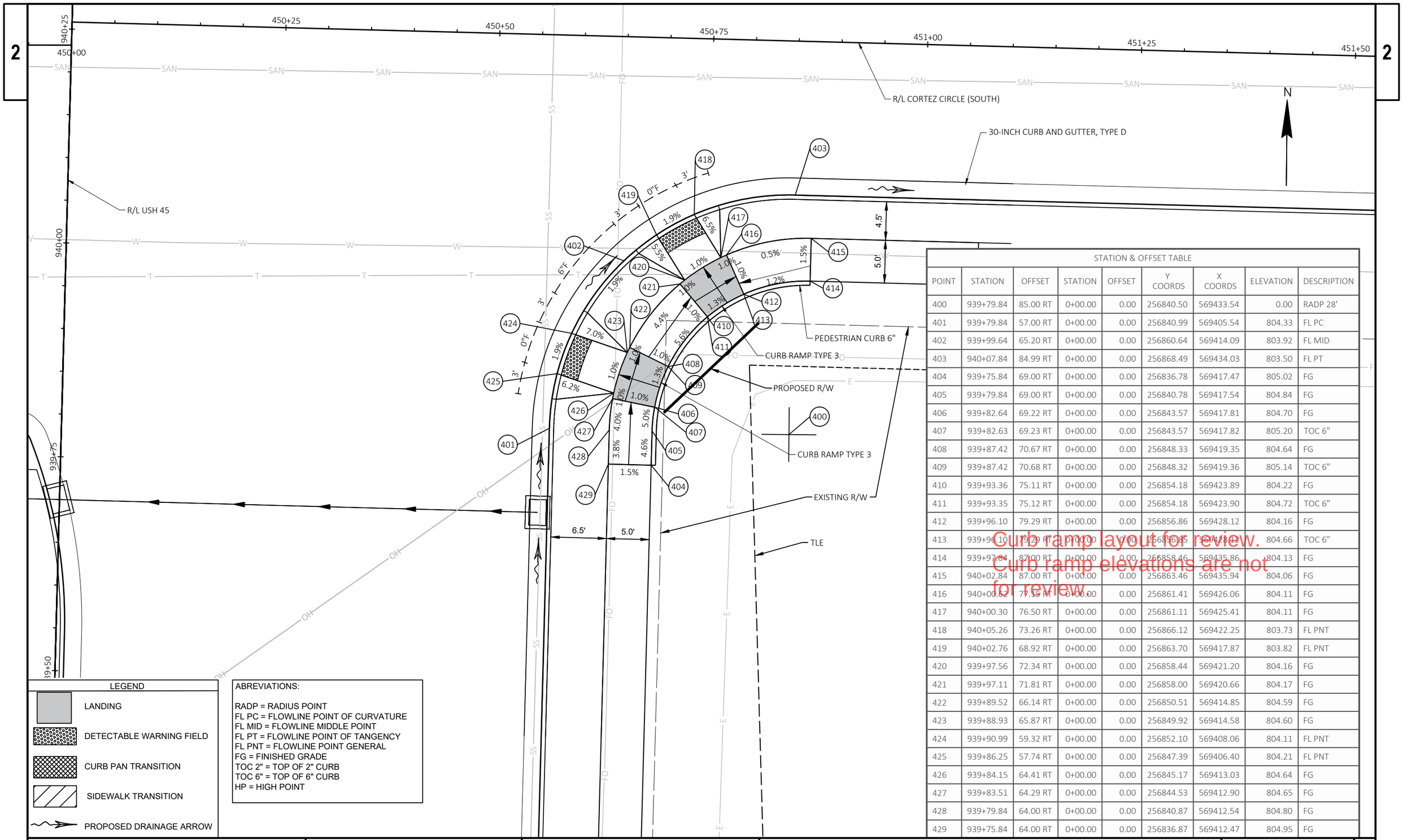
STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
330	934+29.92	-57.00 LT	256293.19	569281.78	801.25	FL PNT
331	934+24.92	-57.00 LT	256288.19	569281.69	801.20	FL PNT
332	934+24.92	-64.00 LT	256288.32	569274.69	801.70	FG
333	934+16.92	-64.00 LT	256280.32	569274.55	801.89	FG
334	934+16.92	-69.00 LT	256280.41	569269.55	801.97	FG
335	934+24.92	-69.00 LT	256288.40	569269.69	801.74	FG
336	934+24.92	-69.01 LT	256288.40	569269.68	802.24	TOC 6"
337	934+29.92	-69.00 LT	256293.40	569269.78	801.79	FG
338	934+29.92	-69.01 LT	256293.40	569269.77	802.29	TOC 6"
339	934+37.92	-69.00 LT	256301.40	569269.92	802.16	FG
340	934+37.92	-64.00 LT	256301.31	569274.92	802.08	FG
341	934+29.92	-64.00 LT	256293.31	569274.78	801.74	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - HERDA PLACE NW	SHEET E

PRE_57

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Herda Place NW
PLOT DATE : 5/14/2021 7:54 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
400	939+79.84	85.00 RT	0+00.00	0.00	256840.50	569433.54	0.00	RADP 28'
401	939+79.84	57.00 RT	0+00.00	0.00	256840.99	569405.54	804.33	FL PC
402	939+99.64	65.20 RT	0+00.00	0.00	256860.64	569414.09	803.92	FL MID
403	940+07.84	84.99 RT	0+00.00	0.00	256868.49	569434.03	803.50	FL PT
404	939+75.84	69.00 RT	0+00.00	0.00	256836.78	569417.47	805.02	FG
405	939+79.84	69.00 RT	0+00.00	0.00	256840.78	569417.54	804.84	FG
406	939+82.64	69.22 RT	0+00.00	0.00	256843.57	569417.81	804.70	FG
407	939+82.63	69.23 RT	0+00.00	0.00	256843.57	569417.82	805.20	TOC 6"
408	939+87.42	70.67 RT	0+00.00	0.00	256848.33	569419.35	804.64	FG
409	939+87.42	70.68 RT	0+00.00	0.00	256848.32	569419.36	805.14	TOC 6"
410	939+93.36	75.11 RT	0+00.00	0.00	256854.18	569423.89	804.22	FG
411	939+93.35	75.12 RT	0+00.00	0.00	256854.18	569423.90	804.72	TOC 6"
412	939+96.10	79.29 RT	0+00.00	0.00	256856.86	569428.12	804.16	FG
413	939+96.10	79.29 RT	0+00.00	0.00	256856.85	569428.11	804.66	TOC 6"
414	939+97.84	87.00 RT	0+00.00	0.00	256858.46	569435.86	804.13	FG
415	940+02.84	87.00 RT	0+00.00	0.00	256863.46	569435.94	804.06	FG
416	940+00.62	77.15 RT	0+00.00	0.00	256861.41	569426.06	804.11	FG
417	940+00.30	76.50 RT	0+00.00	0.00	256861.11	569425.41	804.11	FG
418	940+05.26	73.26 RT	0+00.00	0.00	256866.12	569422.25	803.73	FL PNT
419	940+02.76	68.92 RT	0+00.00	0.00	256863.70	569417.87	803.82	FL PNT
420	939+97.56	72.34 RT	0+00.00	0.00	256858.44	569421.20	804.16	FG
421	939+97.11	71.81 RT	0+00.00	0.00	256858.00	569420.66	804.17	FG
422	939+89.52	66.14 RT	0+00.00	0.00	256850.51	569414.85	804.59	FG
423	939+88.93	65.87 RT	0+00.00	0.00	256849.92	569414.58	804.60	FG
424	939+90.99	59.32 RT	0+00.00	0.00	256852.10	569408.06	804.11	FL PNT
425	939+86.25	57.74 RT	0+00.00	0.00	256847.39	569406.40	804.21	FL PNT
426	939+84.15	64.41 RT	0+00.00	0.00	256845.17	569413.03	804.64	FG
427	939+83.51	64.29 RT	0+00.00	0.00	256844.53	569412.90	804.65	FG
428	939+79.84	64.00 RT	0+00.00	0.00	256840.87	569412.54	804.80	FG
429	939+75.84	64.00 RT	0+00.00	0.00	256836.87	569412.47	804.95	FG

Curb ramp layout for review.
Curb ramp elevations are not for review

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
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FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

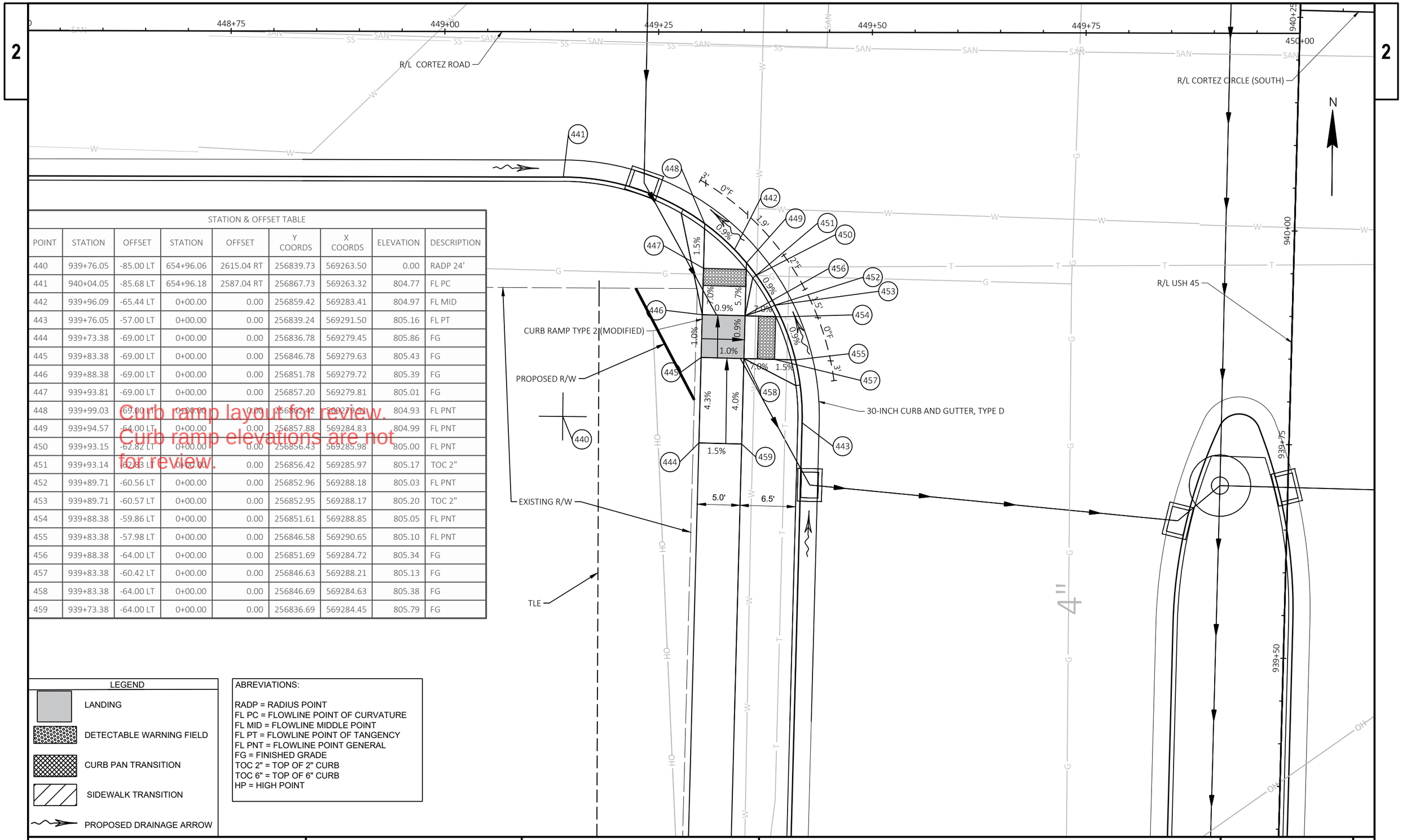
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CORTEZ CIRCLE (SOUTH) SE	SHEET E

PRE_58

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Cortez Circle (South) SE

PLOT DATE : 5/14/2021 7:54 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
440	939+76.05	-85.00 LT	654+96.06	2615.04 RT	256839.73	569263.50	0.00	RADP 24'
441	940+04.05	-85.68 LT	654+96.18	2587.04 RT	256867.73	569263.32	804.77	FL PC
442	939+96.09	-65.44 LT	0+00.00	0.00	256859.42	569283.41	804.97	FL MID
443	939+76.05	-57.00 LT	0+00.00	0.00	256839.24	569291.50	805.16	FL PT
444	939+73.38	-69.00 LT	0+00.00	0.00	256836.78	569279.45	805.86	FG
445	939+83.38	-69.00 LT	0+00.00	0.00	256846.78	569279.63	805.43	FG
446	939+88.38	-69.00 LT	0+00.00	0.00	256851.78	569279.72	805.39	FG
447	939+93.81	-69.00 LT	0+00.00	0.00	256857.20	569279.81	805.01	FG
448	939+99.03	-69.00 LT	0+00.00	0.00	256862.42	569279.91	804.93	FL PNT
449	939+94.57	-64.00 LT	0+00.00	0.00	256857.88	569284.83	804.99	FL PNT
450	939+93.15	-62.82 LT	0+00.00	0.00	256856.43	569285.98	805.00	FL PNT
451	939+93.14	-62.83 LT	0+00.00	0.00	256856.42	569285.97	805.17	TOC 2"
452	939+89.71	-60.56 LT	0+00.00	0.00	256852.96	569288.18	805.03	FL PNT
453	939+89.71	-60.57 LT	0+00.00	0.00	256852.95	569288.17	805.20	TOC 2"
454	939+88.38	-59.86 LT	0+00.00	0.00	256851.61	569288.85	805.05	FL PNT
455	939+83.38	-57.98 LT	0+00.00	0.00	256846.58	569290.65	805.10	FL PNT
456	939+88.38	-64.00 LT	0+00.00	0.00	256851.69	569284.72	805.34	FG
457	939+83.38	-60.42 LT	0+00.00	0.00	256846.63	569288.21	805.13	FG
458	939+83.38	-64.00 LT	0+00.00	0.00	256846.69	569284.63	805.38	FG
459	939+73.38	-64.00 LT	0+00.00	0.00	256836.69	569284.45	805.79	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CORTEZ ROAD SW	SHEET E

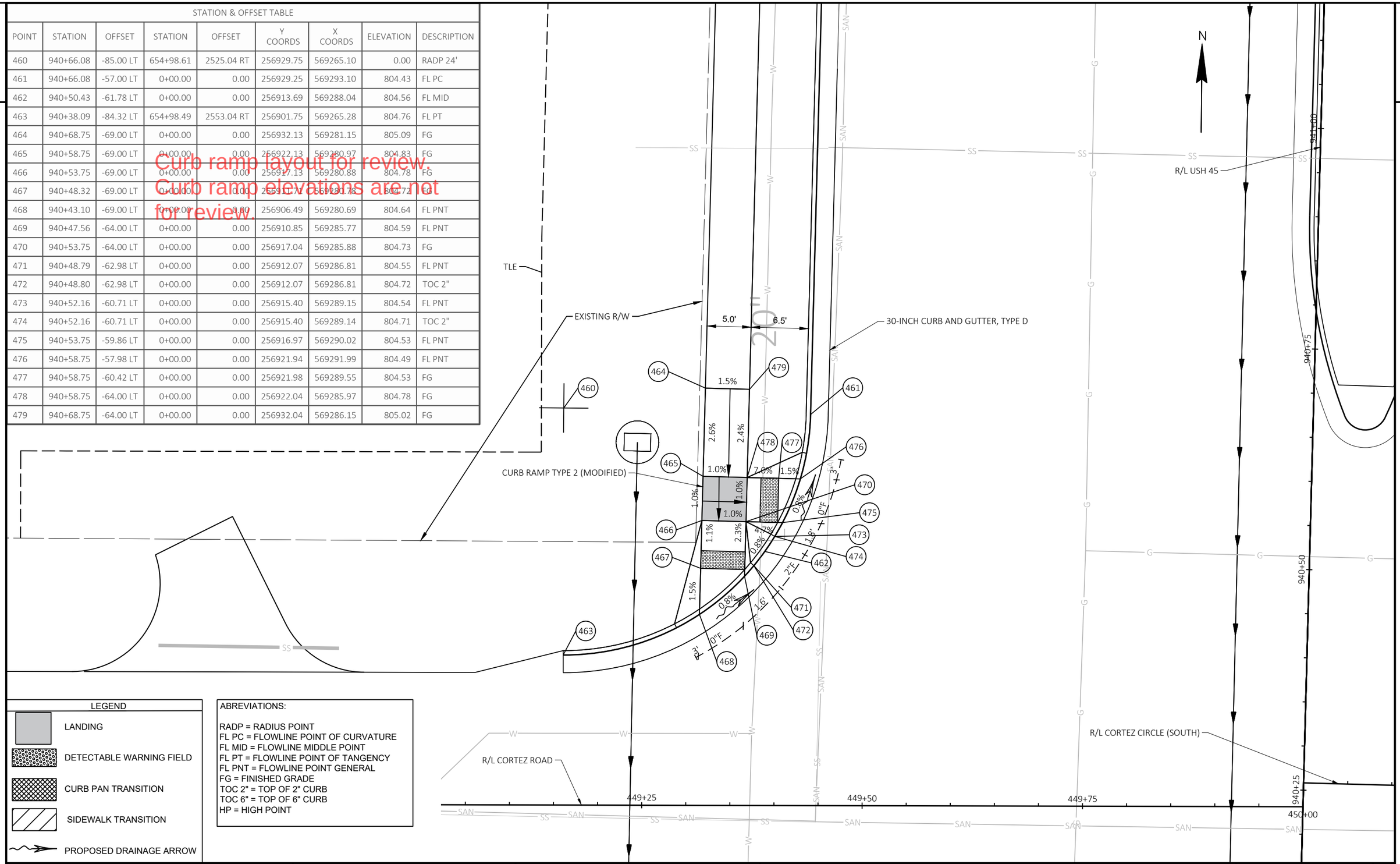
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Cortez Road SW
PLOT DATE : 5/14/2021 7:54 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
460	940+66.08	-85.00 LT	654+98.61	2525.04 RT	256929.75	569265.10	0.00	RADP 24'
461	940+66.08	-57.00 LT	0+00.00	0.00	256929.25	569293.10	804.43	FL PC
462	940+50.43	-61.78 LT	0+00.00	0.00	256913.69	569288.04	804.56	FL MID
463	940+38.09	-84.32 LT	654+98.49	2553.04 RT	256901.75	569265.28	804.76	FL PT
464	940+68.75	-69.00 LT	0+00.00	0.00	256932.13	569281.15	805.09	FG
465	940+58.75	-69.00 LT	0+00.00	0.00	256922.13	569280.97	804.83	FG
466	940+53.75	-69.00 LT	0+00.00	0.00	256917.13	569280.88	804.78	FG
467	940+48.32	-69.00 LT	0+00.00	0.00	256911.71	569280.78	804.72	FG
468	940+43.10	-69.00 LT	0+00.00	0.00	256906.49	569280.69	804.64	FL PNT
469	940+47.56	-64.00 LT	0+00.00	0.00	256910.85	569285.77	804.59	FL PNT
470	940+53.75	-64.00 LT	0+00.00	0.00	256917.04	569285.88	804.73	FG
471	940+48.79	-62.98 LT	0+00.00	0.00	256912.07	569286.81	804.55	FL PNT
472	940+48.80	-62.98 LT	0+00.00	0.00	256912.07	569286.81	804.72	TOC 2"
473	940+52.16	-60.71 LT	0+00.00	0.00	256915.40	569289.15	804.54	FL PNT
474	940+52.16	-60.71 LT	0+00.00	0.00	256915.40	569289.14	804.71	TOC 2"
475	940+53.75	-59.86 LT	0+00.00	0.00	256916.97	569290.02	804.53	FL PNT
476	940+58.75	-57.98 LT	0+00.00	0.00	256921.94	569291.99	804.49	FL PNT
477	940+58.75	-60.42 LT	0+00.00	0.00	256921.98	569289.55	804.53	FG
478	940+58.75	-64.00 LT	0+00.00	0.00	256922.04	569285.97	804.78	FG
479	940+68.75	-64.00 LT	0+00.00	0.00	256932.04	569286.15	805.02	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.



LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CORTEZ ROAD NW	SHEET E

PRE_60

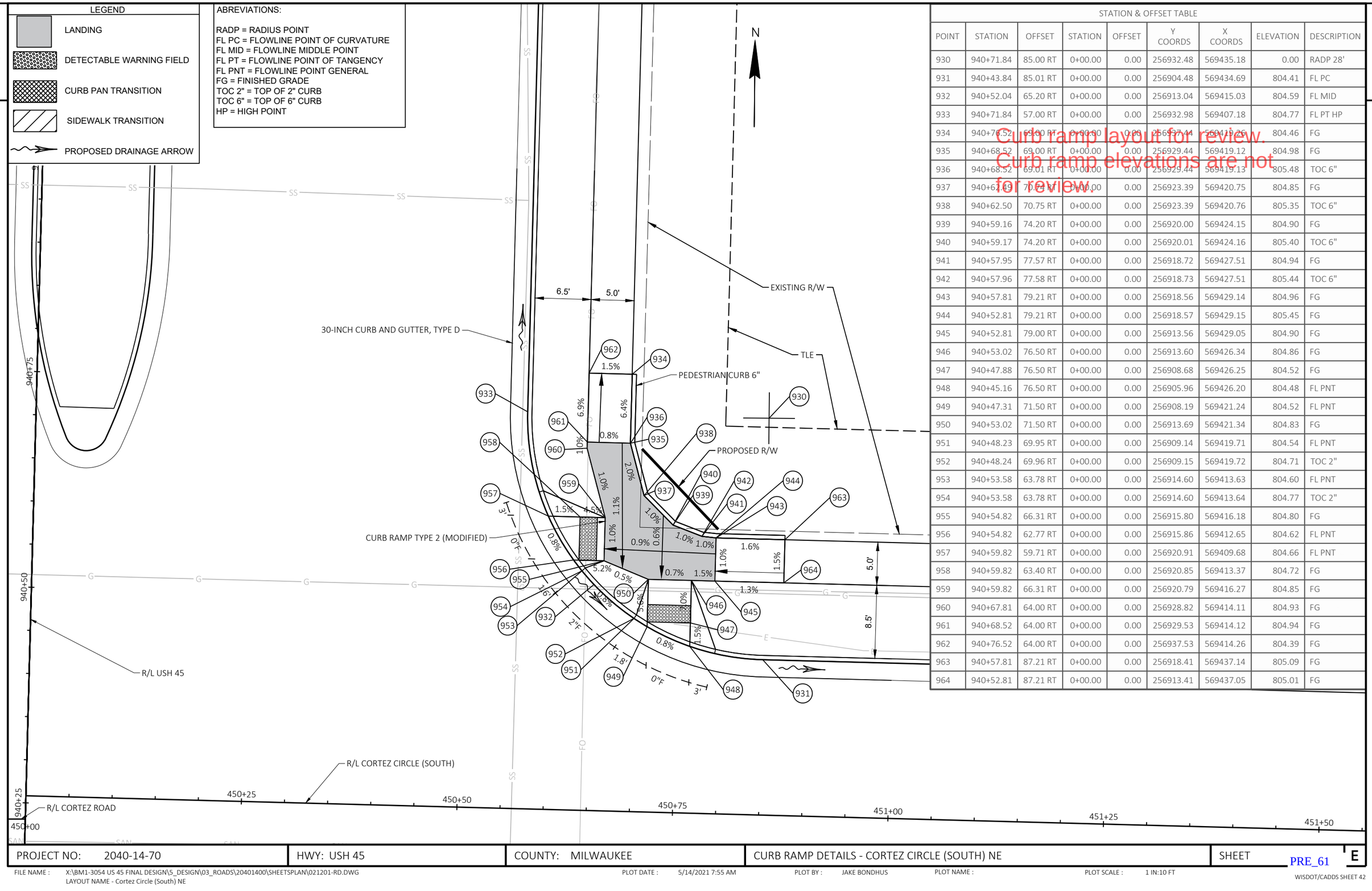
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Cortez Road NW
PLOT DATE : 5/14/2021 7:55 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT



Curb ramp layout for review.

Curb ramp elevations are not for review.

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
930	940+71.84	85.00 RT	0+00.00	0.00	256932.48	569435.18	0.00	RADP 28'
931	940+43.84	85.01 RT	0+00.00	0.00	256904.48	569434.69	804.41	FL PC
932	940+52.04	65.20 RT	0+00.00	0.00	256913.04	569415.03	804.59	FL MID
933	940+71.84	57.00 RT	0+00.00	0.00	256932.98	569407.18	804.77	FL PT HP
934	940+76.52	69.00 RT	0+00.00	0.00	256937.44	569419.26	804.46	FG
935	940+68.52	69.00 RT	0+00.00	0.00	256929.44	569419.12	804.98	FG
936	940+68.52	69.01 RT	0+00.00	0.00	256929.44	569419.13	805.48	TOC 6"
937	940+62.49	70.74 RT	0+00.00	0.00	256923.39	569420.75	804.85	FG
938	940+62.50	70.75 RT	0+00.00	0.00	256923.39	569420.76	805.35	TOC 6"
939	940+59.16	74.20 RT	0+00.00	0.00	256920.00	569424.15	804.90	FG
940	940+59.17	74.20 RT	0+00.00	0.00	256920.01	569424.16	805.40	TOC 6"
941	940+57.95	77.57 RT	0+00.00	0.00	256918.72	569427.51	804.94	FG
942	940+57.96	77.58 RT	0+00.00	0.00	256918.73	569427.51	805.44	TOC 6"
943	940+57.81	79.21 RT	0+00.00	0.00	256918.56	569429.14	804.96	FG
944	940+52.81	79.21 RT	0+00.00	0.00	256918.57	569429.15	805.45	FG
945	940+52.81	79.00 RT	0+00.00	0.00	256913.56	569429.05	804.90	FG
946	940+53.02	76.50 RT	0+00.00	0.00	256913.60	569426.34	804.86	FG
947	940+47.88	76.50 RT	0+00.00	0.00	256908.68	569426.25	804.52	FG
948	940+45.16	76.50 RT	0+00.00	0.00	256905.96	569426.20	804.48	FL PNT
949	940+47.31	71.50 RT	0+00.00	0.00	256908.19	569421.24	804.52	FL PNT
950	940+53.02	71.50 RT	0+00.00	0.00	256913.69	569421.34	804.83	FG
951	940+48.23	69.95 RT	0+00.00	0.00	256909.14	569419.71	804.54	FL PNT
952	940+48.24	69.96 RT	0+00.00	0.00	256909.15	569419.72	804.71	TOC 2"
953	940+53.58	63.78 RT	0+00.00	0.00	256914.60	569413.63	804.60	FL PNT
954	940+53.58	63.78 RT	0+00.00	0.00	256914.60	569413.64	804.77	TOC 2"
955	940+54.82	66.31 RT	0+00.00	0.00	256915.80	569416.18	804.80	FG
956	940+54.82	62.77 RT	0+00.00	0.00	256915.86	569412.65	804.62	FL PNT
957	940+59.82	59.71 RT	0+00.00	0.00	256920.91	569409.68	804.66	FL PNT
958	940+59.82	63.40 RT	0+00.00	0.00	256920.85	569413.37	804.72	FG
959	940+59.82	66.31 RT	0+00.00	0.00	256920.79	569416.27	804.85	FG
960	940+67.81	64.00 RT	0+00.00	0.00	256928.82	569414.11	804.93	FG
961	940+68.52	64.00 RT	0+00.00	0.00	256929.53	569414.12	804.94	FG
962	940+76.52	64.00 RT	0+00.00	0.00	256937.53	569414.26	804.39	FG
963	940+57.81	87.21 RT	0+00.00	0.00	256918.41	569437.14	805.09	FG
964	940+52.81	87.21 RT	0+00.00	0.00	256913.41	569437.05	804.01	FG

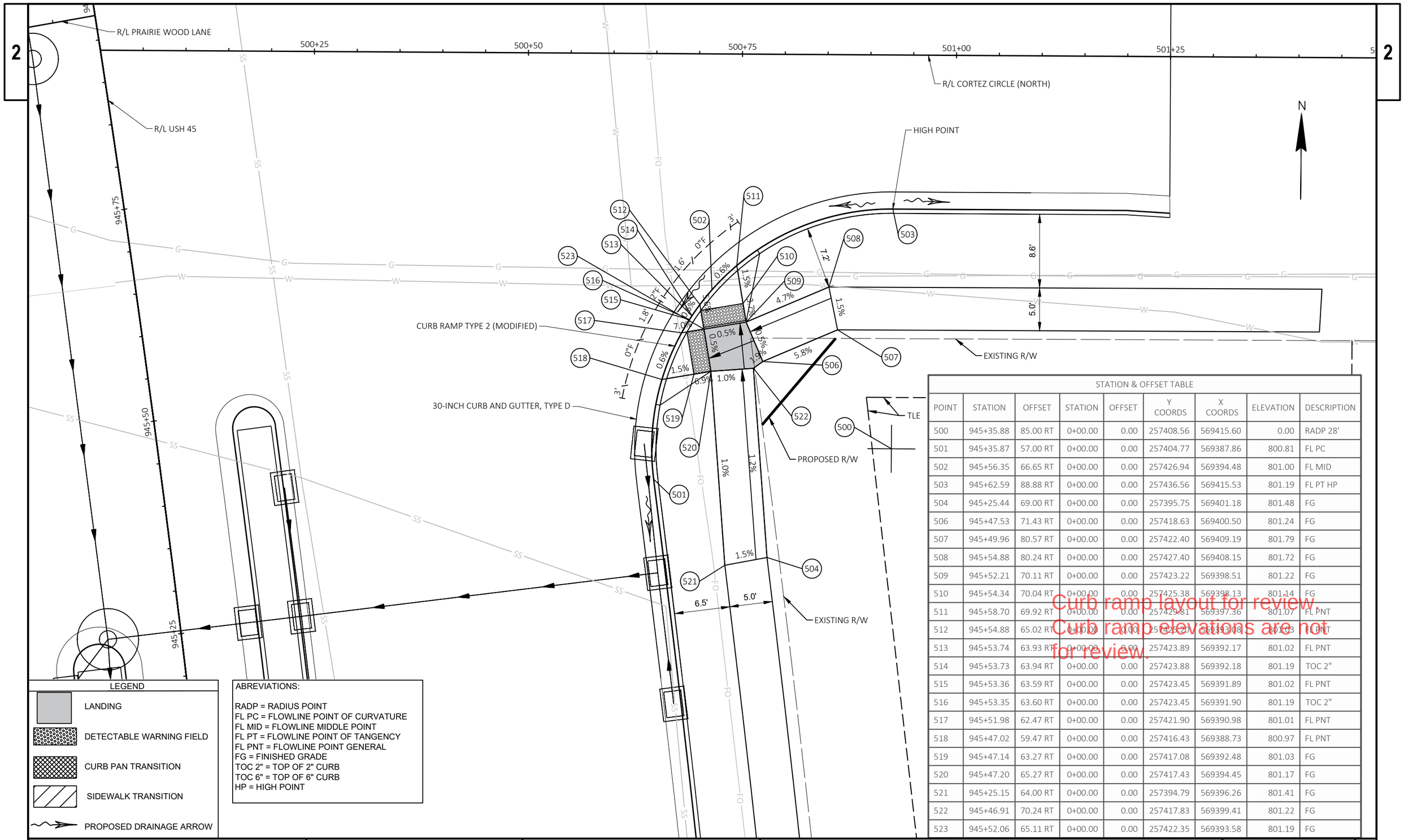
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CORTEZ CIRCLE (SOUTH) NE	SHEET E

PRE_61

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Cortez Circle (South) NE

PLOT DATE : 5/14/2021 7:55 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

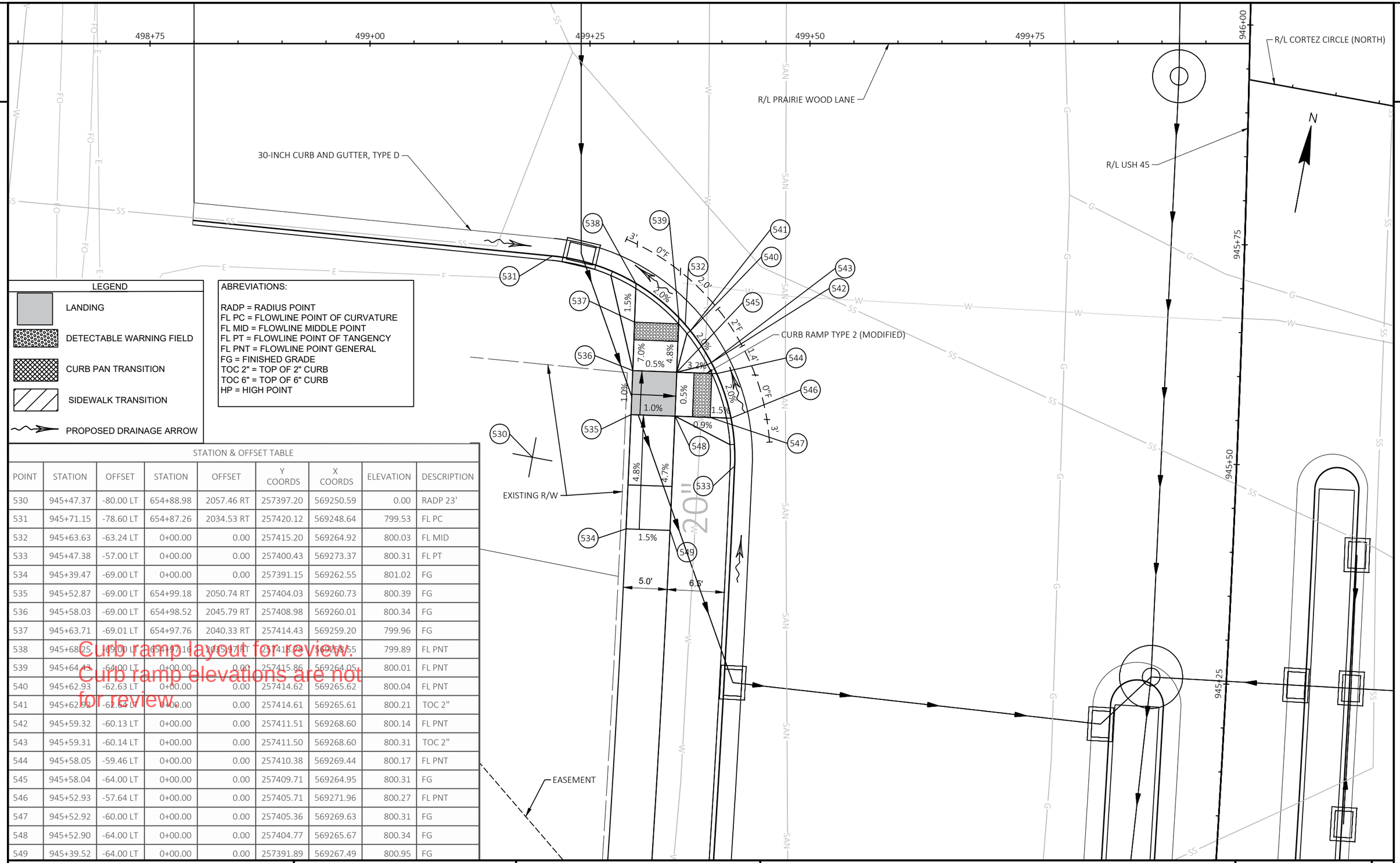
RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
500	945+35.88	85.00 RT	0+00.00	0.00	257408.56	569415.60	0.00	RADP 28'
501	945+35.87	57.00 RT	0+00.00	0.00	257404.77	569387.86	800.81	FL PC
502	945+56.35	66.65 RT	0+00.00	0.00	257426.94	569394.48	801.00	FL MID
503	945+62.59	88.88 RT	0+00.00	0.00	257436.56	569415.53	801.19	FL PT HP
504	945+25.44	69.00 RT	0+00.00	0.00	257395.75	569401.18	801.48	FG
506	945+47.53	71.43 RT	0+00.00	0.00	257418.63	569400.50	801.24	FG
507	945+49.96	80.57 RT	0+00.00	0.00	257422.40	569409.19	801.79	FG
508	945+54.88	80.24 RT	0+00.00	0.00	257427.40	569408.15	801.72	FG
509	945+52.21	70.11 RT	0+00.00	0.00	257423.22	569398.51	801.22	FG
510	945+54.34	70.04 RT	0+00.00	0.00	257425.38	569398.13	801.14	FG
511	945+58.70	69.92 RT	0+00.00	0.00	257429.81	569397.36	801.07	FL PNT
512	945+54.88	65.02 RT	0+00.00	0.00	257428.20	569393.08	801.03	FL PNT
513	945+53.74	63.93 RT	0+00.00	0.00	257423.89	569392.17	801.02	FL PNT
514	945+53.73	63.94 RT	0+00.00	0.00	257423.88	569392.18	801.19	TOC 2"
515	945+53.36	63.59 RT	0+00.00	0.00	257423.45	569391.89	801.02	FL PNT
516	945+53.35	63.60 RT	0+00.00	0.00	257423.45	569391.90	801.19	TOC 2"
517	945+51.98	62.47 RT	0+00.00	0.00	257421.90	569390.98	801.01	FL PNT
518	945+47.02	59.47 RT	0+00.00	0.00	257416.43	569388.73	800.97	FL PNT
519	945+47.14	63.27 RT	0+00.00	0.00	257417.08	569392.48	801.03	FG
520	945+47.20	65.27 RT	0+00.00	0.00	257417.43	569394.45	801.17	FG
521	945+25.15	64.00 RT	0+00.00	0.00	257394.79	569396.26	801.41	FG
522	945+46.91	70.24 RT	0+00.00	0.00	257417.83	569399.41	801.22	FG
523	945+52.06	65.11 RT	0+00.00	0.00	257422.35	569393.58	801.19	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CORTEZ CIRCLE (NORTH) SE	SHEET E



STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
530	945+47.37	-80.00 LT	654+88.98	2057.46 RT	257397.20	569250.59	0.00	RADP 23'
531	945+71.15	-78.60 LT	654+87.26	2034.53 RT	257420.12	569248.64	799.53	FL PC
532	945+63.63	-63.24 LT	0+00.00	0.00	257415.20	569264.92	800.03	FL MID
533	945+47.38	-57.00 LT	0+00.00	0.00	257400.43	569273.37	800.31	FL PT
534	945+39.47	-69.00 LT	0+00.00	0.00	257391.15	569262.55	801.02	FG
535	945+52.87	-69.00 LT	654+99.18	2050.74 RT	257404.03	569260.73	800.39	FG
536	945+58.03	-69.00 LT	654+98.52	2045.79 RT	257408.98	569260.01	800.34	FG
537	945+63.71	-69.01 LT	654+97.76	2040.33 RT	257414.43	569259.20	799.96	FG
538	945+68.25	-69.00 LT	654+97.16	2035.97 RT	257418.78	569258.55	799.89	FL PNT
539	945+64.43	-64.00 LT	0+00.00	0.00	257415.86	569264.05	800.01	FL PNT
540	945+62.93	-62.63 LT	0+00.00	0.00	257414.62	569265.62	800.04	FL PNT
541	945+62.92	-62.64 LT	0+00.00	0.00	257414.61	569265.61	800.21	TOC 2"
542	945+59.32	-60.13 LT	0+00.00	0.00	257411.51	569268.60	800.14	FL PNT
543	945+59.31	-60.14 LT	0+00.00	0.00	257411.50	569268.60	800.31	TOC 2"
544	945+58.05	-59.46 LT	0+00.00	0.00	257410.38	569269.44	800.17	FL PNT
545	945+58.04	-64.00 LT	0+00.00	0.00	257409.71	569264.95	800.31	FG
546	945+52.93	-57.64 LT	0+00.00	0.00	257405.71	569271.96	800.27	FL PNT
547	945+52.92	-60.00 LT	0+00.00	0.00	257405.36	569269.63	800.31	FG
548	945+52.90	-64.00 LT	0+00.00	0.00	257404.77	569265.67	800.34	FG
549	945+39.52	-64.00 LT	0+00.00	0.00	257391.89	569267.49	800.95	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PRAIRE WOOD LANE SW	SHEET E

PRE_63

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Praire Wood Lane SW

PLOT DATE : 5/14/2021 7:55 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
560	946+34.66	-80.00 LT	654+76.44	1974.16 RT	257480.36	569237.18	0.00	RADP 23'
561	946+34.66	-57.00 LT	654+99.11	1970.31 RT	257484.46	569259.81	800.33	FL PC
562	946+17.97	-63.63 LT	654+95.23	1987.42 RT	257467.31	569256.12	800.03	FL MID
563	946+10.83	-79.75 LT	654+80.42	1996.82 RT	257457.76	569241.41	799.72	FL PT
564	946+26.07	-82.00 LT	654+75.84	1982.67 RT	257471.86	569236.68	800.49	FG
565	946+26.06	-69.00 LT	654+88.66	1980.54 RT	257474.11	569248.47	800.20	FG
566	946+41.52	-69.00 LT	654+86.15	1965.75 RT	257488.88	569246.81	801.04	FG
567	946+41.49	-64.00 LT	654+91.09	1964.94 RT	257489.74	569251.73	800.97	FG
568	946+26.06	-64.00 LT	654+93.59	1979.73 RT	257474.98	569254.40	800.29	FG
569	946+26.06	-63.99 LT	654+93.60	1979.72 RT	257474.98	569254.41	800.79	TOC 6"
570	946+20.91	-64.00 LT	654+94.41	1984.66 RT	257470.06	569255.26	800.24	FG
571	946+20.91	-63.99 LT	654+94.42	1984.66 RT	257470.06	569255.27	800.74	TOC 6"
572	946+17.60	-64.00 LT	654+94.93	1987.84 RT	257466.88	569255.82	800.02	FL PNT
573	946+13.78	-69.00 LT	654+90.58	1992.30 RT	257462.38	569251.52	799.91	FL PNT
574	946+12.04	-72.85 LT	654+87.05	1994.57 RT	257460.07	569248.01	799.83	FL PNT
575	946+12.05	-72.85 LT	654+87.05	1994.56 RT	257460.08	569248.00	800.33	TOC 6"
576	946+18.32	-69.00 LT	654+89.88	1987.95 RT	257466.72	569250.77	799.98	FG
577	946+20.90	-69.00 LT	654+89.48	1985.48 RT	257469.19	569250.34	800.15	FG
578	946+20.88	-82.01 LT	654+76.65	1987.60 RT	257466.93	569237.53	800.42	FG

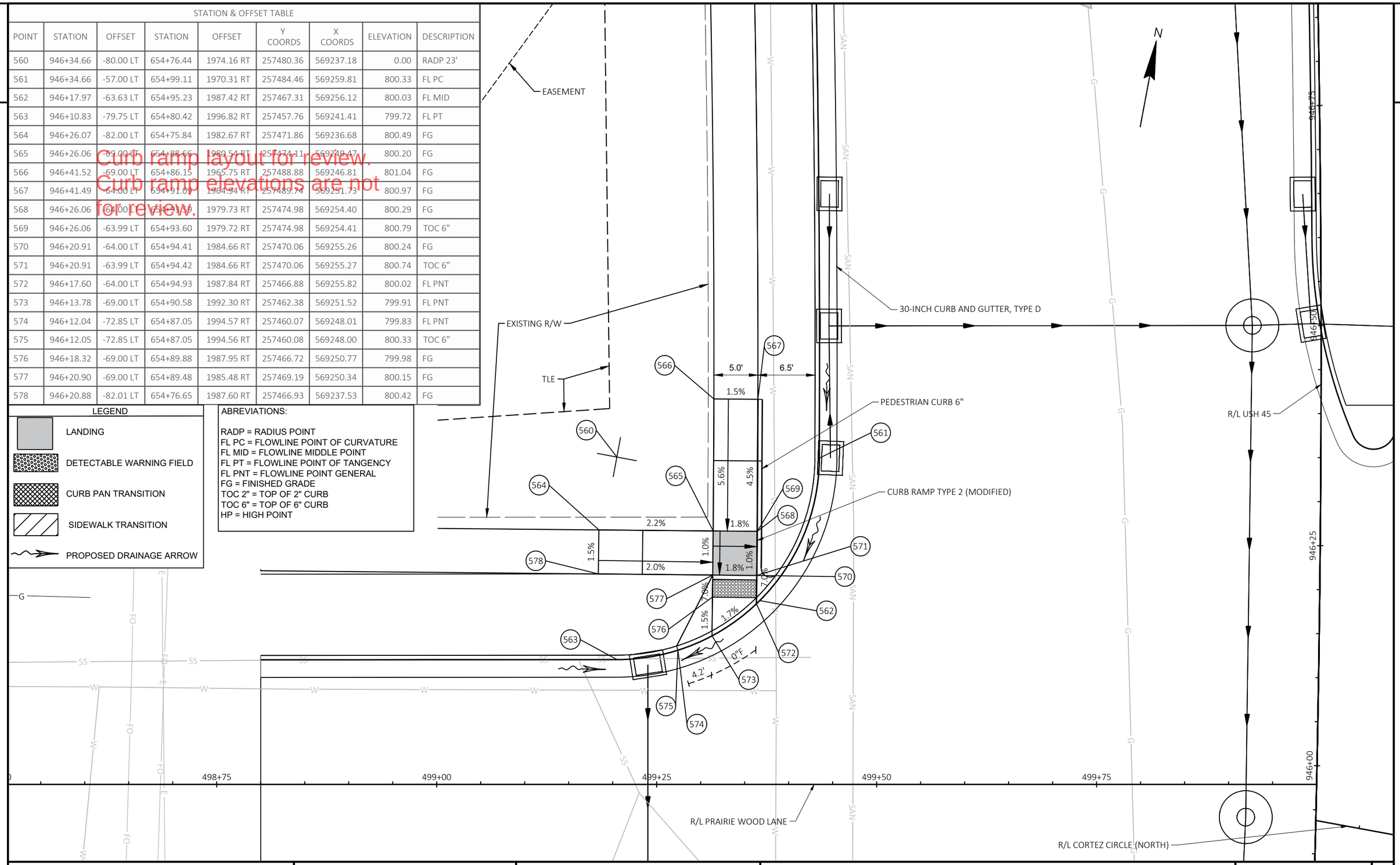
Curb ramp layout for review.
Curb ramp elevations are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - PRAIRE WOOD LANE NW	SHEET E

PRE_64

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Praire Wood Lane NW

PLOT DATE : 5/14/2021 7:55 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
580	946+25.64	85.00 RT	0+00.00	0.00	257500.52	569401.19	0.00	RADP 28'
581	945+98.99	80.36 RT	0+00.00	0.00	257472.53	569401.27	801.07	FL PC
582	946+08.11	63.64 RT	0+00.00	0.00	257479.05	569383.23	801.14	FL MID
583	946+25.65	57.00 RT	0+00.00	0.00	257495.66	569373.61	801.22	FL PT
584	946+27.86	69.00 RT	0+00.00	0.00	257499.99	569385.04	801.90	FG
585	946+20.09	69.00 RT	0+00.00	0.00	257492.11	569386.43	801.63	FG
586	946+15.24	68.96 RT	0+00.00	0.00	257487.18	569387.28	801.58	FG
587	946+08.45	68.99 RT	0+00.00	0.00	257480.29	569388.45	801.19	FG
588	946+03.41	69.00 RT	0+00.00	0.00	257475.17	569389.32	801.12	FL PNT
589	946+07.70	64.00 RT	0+00.00	0.00	257478.70	569383.65	801.14	FL PNT
590	946+15.23	64.00 RT	0+00.00	0.00	257486.33	569382.35	801.53	FG
591	946+20.09	64.00 RT	0+00.00	0.00	257491.25	569381.50	801.58	FG
592	946+27.88	64.00 RT	0+00.00	0.00	257499.13	569380.11	801.83	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

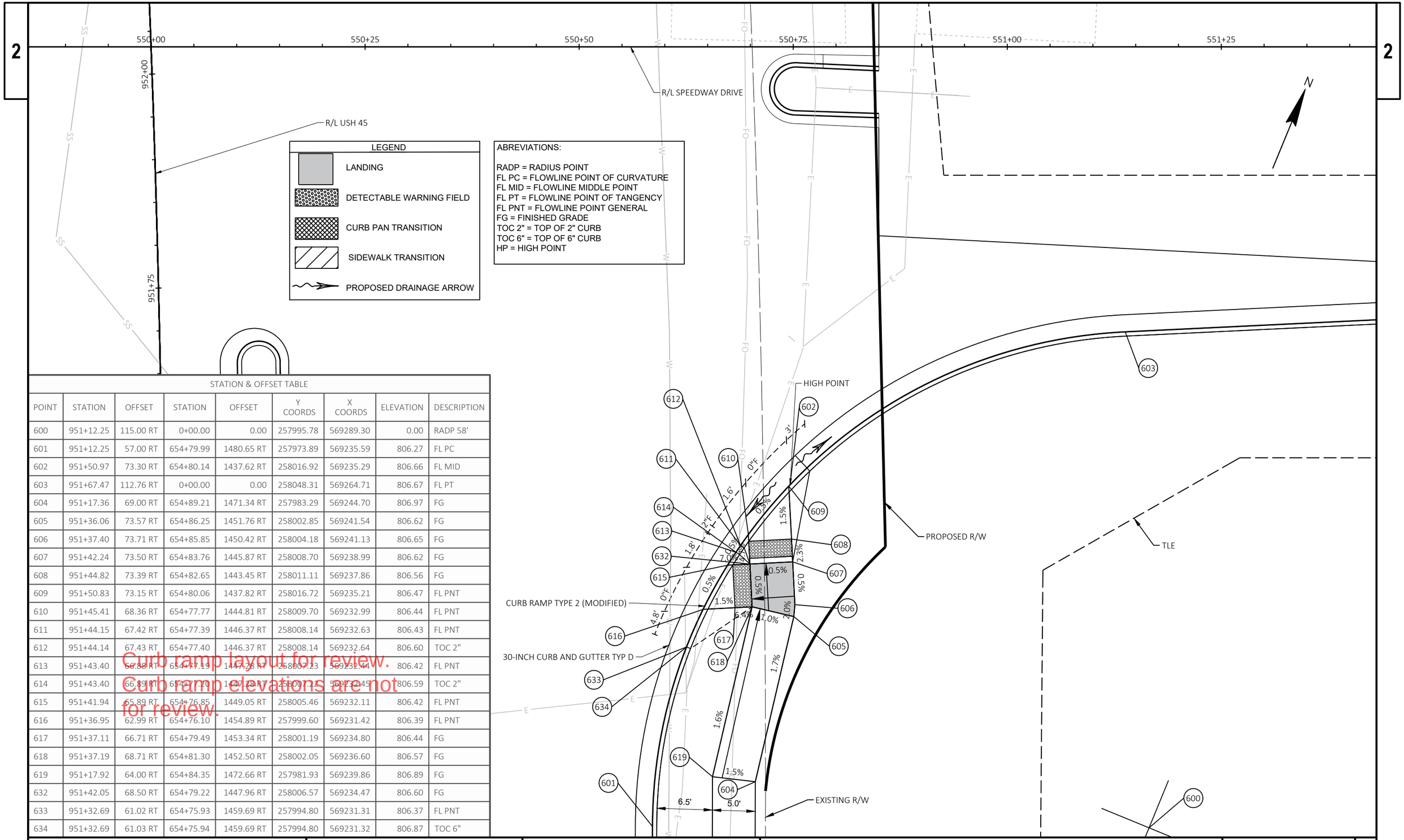
EXISTING R/W
TLE
30-INCH CURB AND GUTTER, TYPE D
CURB RAMP TYPE 2 (MODIFIED)
6.5'
5.0'
1.5%
3.1%
3.4%
1.0%
5.0%
5.5%
0.4%
3'
0"F
3"T
R/L USH 45
R/L PRAIRIE WOOD LANE
R/L CORTEZ CIRCLE (NORTH)
946+25
946+00
500+25
500+50
500+75
501+00
501+25
N

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - CORTEZ CIRCLE (NORTH) NE	SHEET E

PRE_65

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Cortez Circle (North) NE
PLOT DATE : 5/14/2021 7:55 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1:10_XREF

WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
600	951+12.25	115.00 RT	0+00.00	0.00	257995.78	569289.30	0.00	RADP 58'
601	951+12.25	57.00 RT	654+79.99	1480.65 RT	257973.89	569235.59	806.27	FL PC
602	951+50.97	73.30 RT	654+80.14	1437.62 RT	258016.92	569235.29	806.66	FL MID
603	951+67.47	112.76 RT	0+00.00	0.00	258048.31	569264.71	806.67	FL PT
604	951+17.36	69.00 RT	654+89.21	1471.34 RT	257983.29	569244.70	806.97	FG
605	951+36.06	73.57 RT	654+86.25	1451.76 RT	258002.85	569241.54	806.62	FG
606	951+37.40	73.71 RT	654+85.85	1450.42 RT	258004.18	569241.13	806.65	FG
607	951+42.24	73.50 RT	654+83.76	1445.87 RT	258008.70	569238.99	806.62	FG
608	951+44.82	73.39 RT	654+82.65	1443.45 RT	258011.11	569237.86	806.56	FG
609	951+50.83	73.15 RT	654+80.06	1437.82 RT	258016.72	569235.21	806.47	FL PNT
610	951+45.41	68.36 RT	654+77.77	1444.81 RT	258009.70	569232.99	806.44	FL PNT
611	951+44.15	67.42 RT	654+77.39	1446.37 RT	258008.14	569232.63	806.43	FL PNT
612	951+44.14	67.43 RT	654+77.40	1446.37 RT	258008.14	569232.64	806.60	TOC 2"
613	951+43.40	66.88 RT	654+77.19	1447.28 RT	258007.23	569232.44	806.42	FL PNT
614	951+43.40	66.89 RT	654+77.20	1447.28 RT	258007.23	569232.45	806.59	TOC 2"
615	951+41.94	65.89 RT	654+76.85	1449.05 RT	258005.46	569232.11	806.42	FL PNT
616	951+36.95	62.99 RT	654+76.10	1454.89 RT	257999.60	569231.42	806.39	FL PNT
617	951+37.11	66.71 RT	654+79.49	1453.34 RT	258001.19	569234.80	806.44	FG
618	951+37.19	68.71 RT	654+81.30	1452.50 RT	258002.05	569236.60	806.57	FG
619	951+17.92	64.00 RT	654+84.35	1472.66 RT	257981.93	569239.86	806.89	FG
632	951+42.05	68.50 RT	654+79.22	1447.96 RT	258006.57	569234.47	806.60	FG
633	951+32.69	61.02 RT	654+75.93	1459.69 RT	257994.80	569231.31	806.37	FL PNT
634	951+32.69	61.03 RT	654+75.94	1459.69 RT	257994.80	569231.32	806.87	TOC 6"

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SPEEDWAY DRIVE SE	SHEET E

STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
620	951+43.16	14.00 RT	257986.38	569183.83	806.24	FL PNT
621	951+48.13	14.00 RT	257990.98	569181.88	806.22	FL PNT
622	951+48.14	11.50 RT	257990.01	569179.58	806.14	FG
623	951+48.14	9.00 RT	257989.05	569177.28	806.06	FL PNT
624	951+43.16	9.00 RT	257984.43	569179.23	806.08	FL PNT
625	951+43.16	11.50 RT	257985.41	569181.53	806.18	FG
626	951+43.16	7.05 LT	257978.17	569164.45	805.87	FL PNT
627	951+48.18	-7.39 LT	257982.64	569162.18	805.83	FL PNT
628	951+48.18	-9.99 LT	257981.63	569159.78	805.99	FG
629	951+48.19	-12.60 LT	257980.61	569157.38	806.14	FL PNT
630	951+43.16	-12.96 LT	257975.87	569159.00	806.09	FL PNT
631	951+43.16	-10.00 LT	257977.02	569161.73	805.94	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

549+75 550+00 550+25 550+50 550+75

952+00 951+75 951+50 951+25

R/L SPEEDWAY DRIVE
R/L USH 45
EXISTING R/W
EXISTING R/W
30-INCH CURB AND GUTTER, TYPE D
18-INCH CURB AND GUTTER, TYPE D

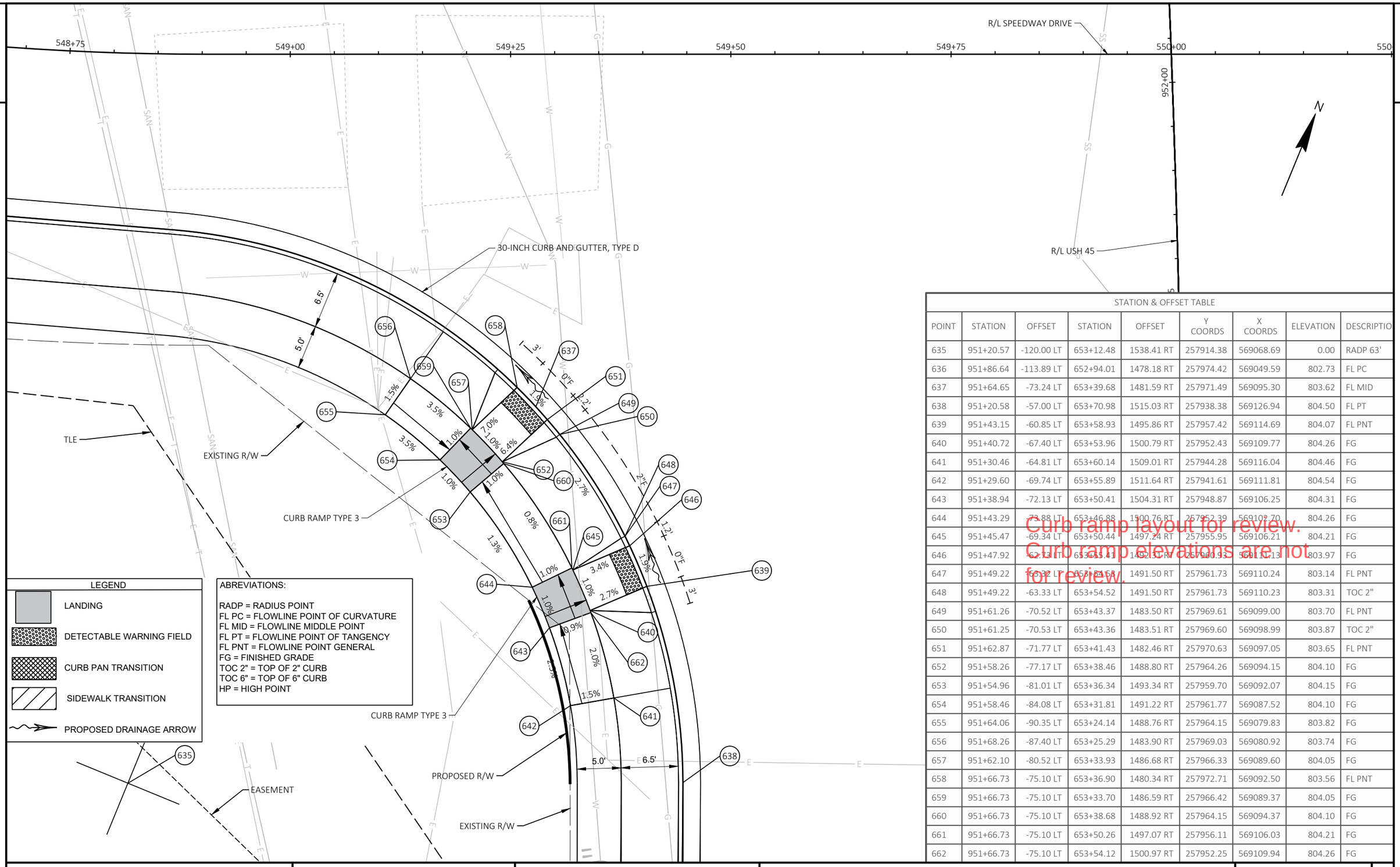
628 627 629 626 630 631
5.7% 6.0% 1.0% 5.1% 2.4%

623 622 621 620 624 625
3.2% 3.1% 0.8% 4.3% 2.0%

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SPEEDWAY DRIVE MEDIAN S	SHEET E

PRE_67

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Speedway Drive Median S
PLOT DATE : 5/14/2021 7:56 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTIO
635	951+20.57	-120.00 LT	653+12.48	1538.41 RT	257914.38	569068.69	0.00	RADP 63'
636	951+86.64	-113.89 LT	652+94.01	1478.18 RT	257974.42	569049.59	802.73	FL PC
637	951+64.65	-73.24 LT	653+39.68	1481.59 RT	257971.49	569095.30	803.62	FL MID
638	951+20.58	-57.00 LT	653+70.98	1515.03 RT	257938.38	569126.94	804.50	FL PT
639	951+43.15	-60.85 LT	653+58.93	1495.86 RT	257957.42	569114.69	804.07	FL PNT
640	951+40.72	-67.40 LT	653+53.96	1500.79 RT	257952.43	569109.77	804.26	FG
641	951+30.46	-64.81 LT	653+60.14	1509.01 RT	257944.28	569116.04	804.46	FG
642	951+29.60	-69.74 LT	653+55.89	1511.64 RT	257941.61	569111.81	804.54	FG
643	951+38.94	-72.13 LT	653+50.41	1504.31 RT	257948.87	569106.25	804.31	FG
644	951+43.29	-73.88 LT	653+46.88	1500.76 RT	257952.39	569102.70	804.26	FG
645	951+45.47	-69.34 LT	653+50.44	1497.24 RT	257955.95	569106.21	804.21	FG
646	951+47.92	-62.74 LT	653+55.41	1492.33 RT	257960.93	569111.13	803.97	FG
647	951+49.22	-66.32 LT	653+54.54	1491.50 RT	257961.73	569110.24	803.14	FL PNT
648	951+49.22	-63.33 LT	653+54.52	1491.50 RT	257961.73	569110.23	803.31	TOC 2"
649	951+61.26	-70.52 LT	653+43.37	1483.50 RT	257969.61	569099.00	803.70	FL PNT
650	951+61.25	-70.53 LT	653+43.36	1483.51 RT	257969.60	569098.99	803.87	TOC 2"
651	951+62.87	-71.77 LT	653+41.43	1482.46 RT	257970.63	569097.05	803.65	FL PNT
652	951+58.26	-77.17 LT	653+38.46	1488.80 RT	257964.26	569094.15	804.10	FG
653	951+54.96	-81.01 LT	653+36.34	1493.34 RT	257959.70	569092.07	804.15	FG
654	951+58.46	-84.08 LT	653+31.81	1491.22 RT	257961.77	569087.52	804.10	FG
655	951+64.06	-90.35 LT	653+24.14	1488.76 RT	257964.15	569079.83	803.82	FG
656	951+68.26	-87.40 LT	653+25.29	1483.90 RT	257969.03	569080.92	803.74	FG
657	951+62.10	-80.52 LT	653+33.93	1486.68 RT	257966.33	569089.60	804.05	FG
658	951+66.73	-75.10 LT	653+36.90	1480.34 RT	257972.71	569092.50	803.56	FL PNT
659	951+66.73	-75.10 LT	653+33.70	1486.59 RT	257966.42	569089.37	804.05	FG
660	951+66.73	-75.10 LT	653+38.68	1488.92 RT	257964.15	569094.37	804.10	FG
661	951+66.73	-75.10 LT	653+50.26	1497.07 RT	257956.11	569106.03	804.21	FG
662	951+66.73	-75.10 LT	653+54.12	1500.97 RT	257952.25	569109.94	804.26	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SPEEDWAY DRIVE SW	SHEET E

PRE_68

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Speedway Drive SW
PLOT DATE : 5/14/2021 7:56 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
675	953+18.75	-142.00 LT	652+15.69	1377.12 RT	258074.65	568970.22	801.80	RADP 73'
676	953+18.76	-69.00 LT	652+80.89	1344.28 RT	258108.17	569035.07	802.13	FL PC
677	952+65.89	-89.00 LT	652+85.36	1398.93 RT	258053.58	569040.11	801.96	FL MID
678	952+41.38	-135.35 LT	652+53.28	1439.70 RT	258012.47	569008.46	801.80	FL PT
679	952+64.01	-90.73 LT	652+84.57	1401.30 RT	258051.20	569039.35	801.95	FL PNT
680	952+68.97	-95.87 LT	652+77.89	1399.21 RT	258053.22	569032.64	802.43	FG
681	952+68.96	-95.87 LT	652+77.89	1399.22 RT	258053.21	569032.64	802.93	TOC 6"
682	952+72.53	-99.53 LT	652+73.10	1397.21 RT	258054.66	569037.85	802.48	FG
683	952+72.53	-99.55 LT	652+73.10	1397.22 RT	258054.66	569037.84	802.98	TOC 6"
684	952+76.35	-96.12 LT	652+74.61	1392.94 RT	258059.45	569029.30	802.51	FG
685	952+76.36	-96.13 LT	652+74.60	1392.94 RT	258059.45	569029.29	803.01	TOC 6"
686	952+80.45	-93.01 LT	652+75.71	1388.04 RT	258064.36	569030.35	802.82	FG
687	952+77.39	-88.96 LT	652+80.63	1388.94 RT	258063.51	569035.27	802.75	FG
688	952+72.79	-92.46 LT	652+79.38	1394.43 RT	258058.01	569034.09	802.46	FG
689	952+67.83	-87.33 LT	652+86.07	1396.53 RT	258055.98	569040.79	801.97	FL PNT

Curb ramp layout for review.
Curb ramp elevations are not for review.

675 676 677 678 679 680 681 682 683 684 685 686 687 688 689

EASEMENT

CURB RAMP TYPE 2 (MODIFIED)

TLE

PROPOSED R/W

EXISTING R/W

PEDESTRIAN CURB 6"

30-INCH CURB AND GUTTER, TYPE D

R/L SPEEDWAY DRIVE

R/L USH 45

5.0'
6.5'
1.5%
1.0%
5.1%
1.0%
1.0%
0.5%
1.0%
6.9%
0.3%
1.5%
1.5%

952+75
952+50
952+25

N

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SPEEDWAY DRIVE NW	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Speedway Drive NW
PLOT DATE : 5/14/2021 7:56 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

PRE_69

WISDOT/CADDS SHEET 42

2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

N

EASEMENT

TLE

PROPOSED R/W

EXISTING R/W

18-INCH CURB AND GUTTER, TYPE D

CURB RAMP TYPE 6

1.5%

1.5%

R/L USH 45

R/L SPEEDWAY DRIVE

548+75

549+00

549+25

549+50

549+75

550+00

952+50

952+25

952+00

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SPEEDWAY DRIVE ISLAND	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Speedway Drive Island

PLOT DATE : 5/14/2021 7:56 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

PRE_70

2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

N

PT: 953+18.95

953+00

952+75

952+50

EXISTING R/W

EXISTING R/W

30-INCH CURB AND GUTTER, TYPE D

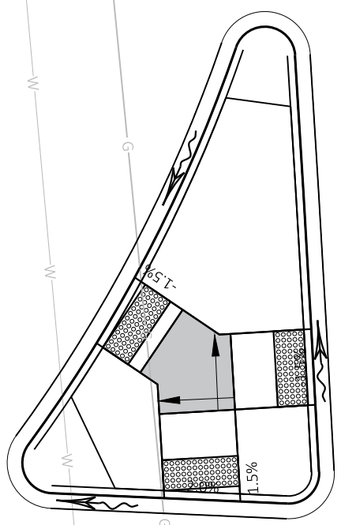
18-INCH CURB AND GUTTER, TYPE D

CURB RAMP TYPE 5

R/L USH 45

R/L SPEEDWAY DRIVE

Curb ramp layout for review.
Curb ramp elevations are not for review.



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SPEEDWAY DRIVE MEDIAN N	SHEET E

PRE_71

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Speedway Drive Median N

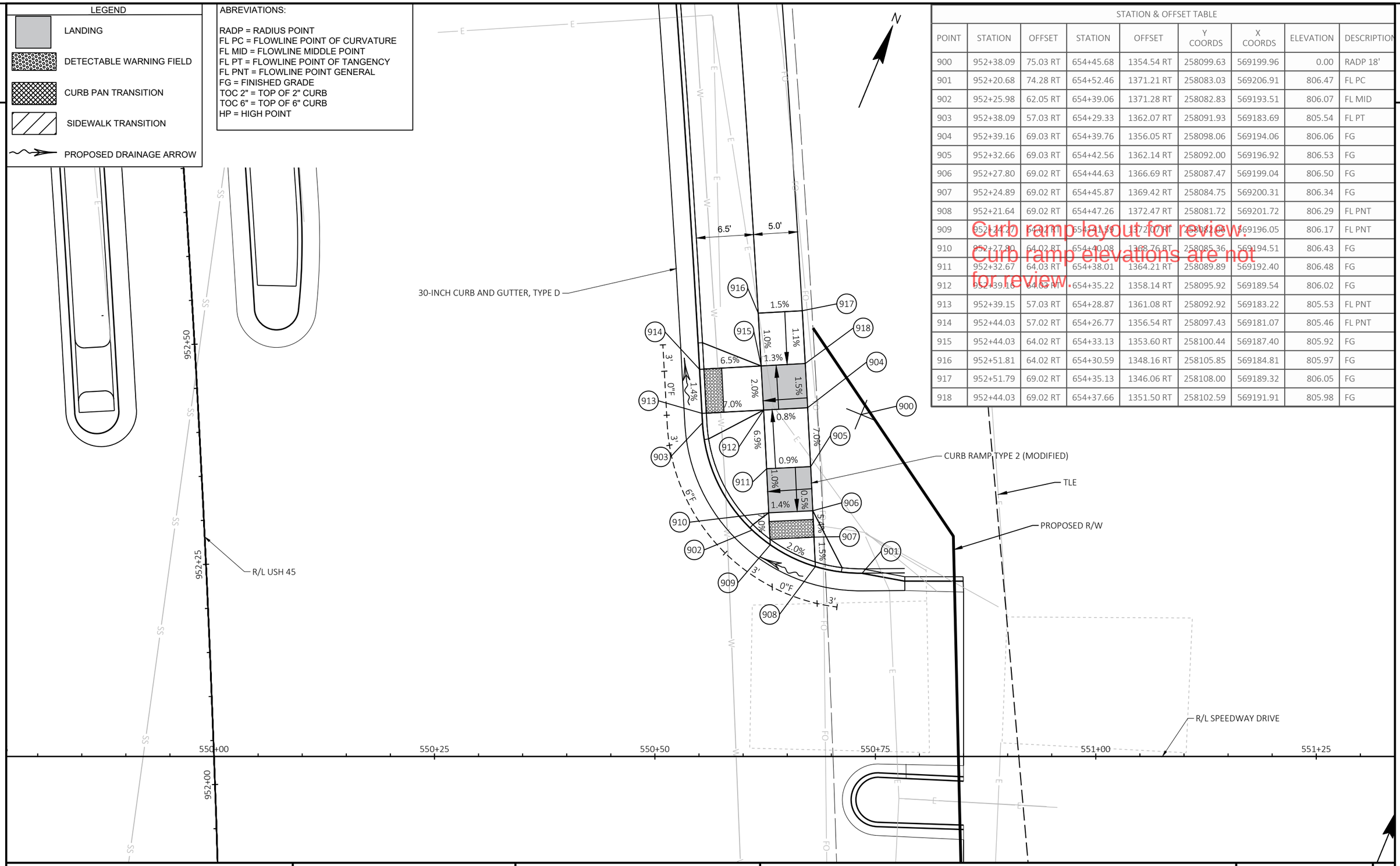
PLOT DATE : 5/14/2021 7:56 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT



STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
900	952+38.09	75.03 RT	654+45.68	1354.54 RT	258099.63	569199.96	0.00	RADP 18'
901	952+20.68	74.28 RT	654+52.46	1371.21 RT	258083.03	569206.91	806.47	FL PC
902	952+25.98	62.05 RT	654+39.06	1371.28 RT	258082.83	569193.51	806.07	FL MID
903	952+38.09	57.03 RT	654+29.33	1362.07 RT	258091.93	569183.69	805.54	FL PT
904	952+39.16	69.03 RT	654+39.76	1356.05 RT	258098.06	569194.06	806.06	FG
905	952+32.66	69.03 RT	654+42.56	1362.14 RT	258092.00	569196.92	806.53	FG
906	952+27.80	69.02 RT	654+44.63	1366.69 RT	258087.47	569199.04	806.50	FG
907	952+24.89	69.02 RT	654+45.87	1369.42 RT	258084.75	569200.31	806.34	FG
908	952+21.64	69.02 RT	654+47.26	1372.47 RT	258081.72	569201.72	806.29	FL PNT
909	952+24.27	64.02 RT	654+41.59	1372.10 RT	258082.06	569196.05	806.17	FL PNT
910	952+27.80	64.02 RT	654+40.08	1368.76 RT	258085.36	569194.51	806.43	FG
911	952+32.67	64.03 RT	654+38.01	1364.21 RT	258089.89	569192.40	806.48	FG
912	952+39.16	64.03 RT	654+35.22	1358.14 RT	258095.92	569189.54	806.02	FG
913	952+39.15	57.03 RT	654+28.87	1361.08 RT	258092.92	569183.22	805.53	FL PNT
914	952+44.03	57.02 RT	654+26.77	1356.54 RT	258097.43	569181.07	805.46	FL PNT
915	952+44.03	64.02 RT	654+33.13	1353.60 RT	258100.44	569187.40	805.92	FG
916	952+51.81	64.02 RT	654+30.59	1348.16 RT	258105.85	569184.81	805.97	FG
917	952+51.79	69.02 RT	654+35.13	1346.06 RT	258108.00	569189.32	806.05	FG
918	952+44.03	69.02 RT	654+37.66	1351.50 RT	258102.59	569191.91	805.98	FG

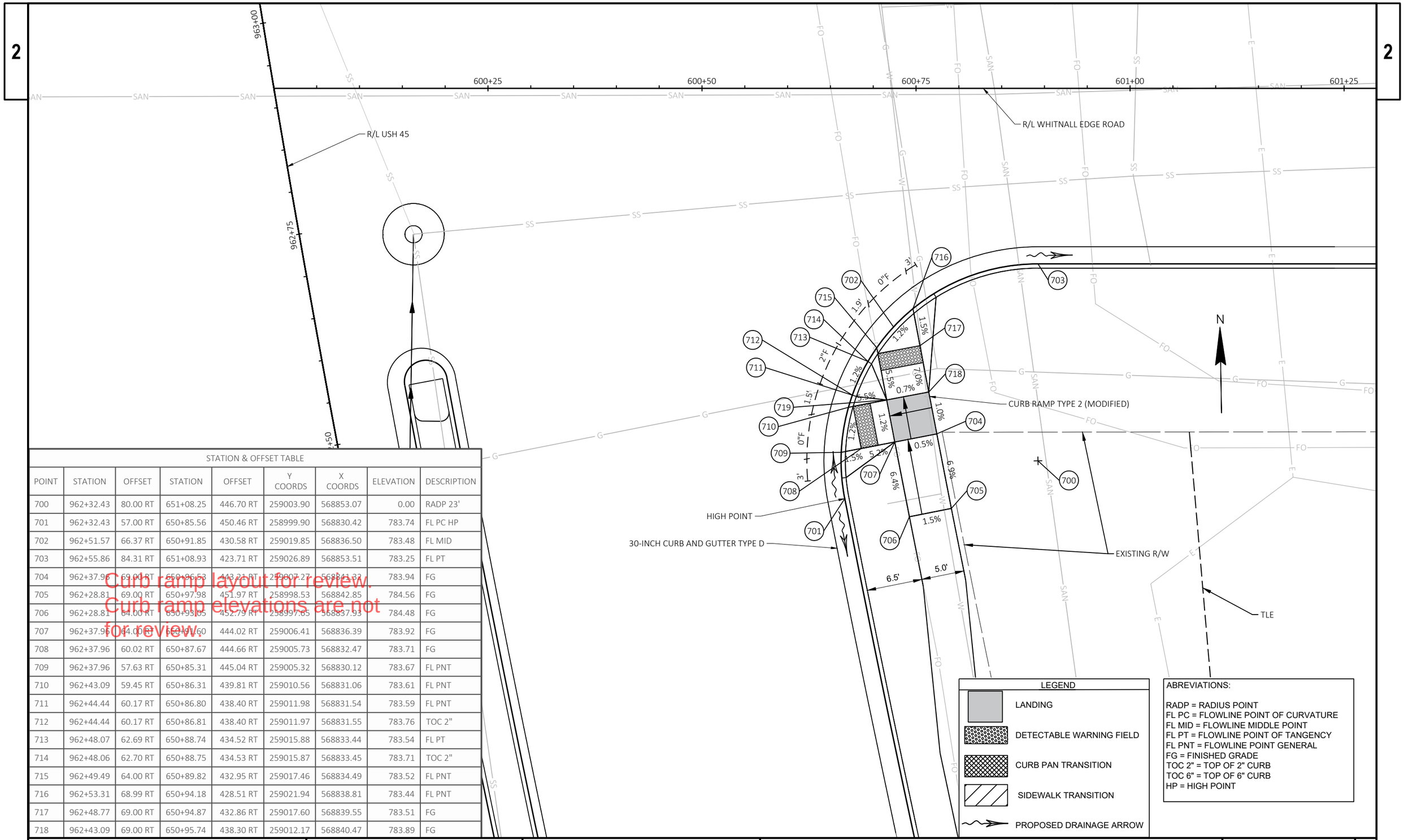
Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - SPEEDWAY DRIVE NE	SHEET E

PRE_72

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Speedway Drive NE
PLOT DATE : 5/14/2021 7:56 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2



STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
700	962+32.43	80.00 RT	651+08.25	446.70 RT	259003.90	568853.07	0.00	RADP 23'
701	962+32.43	57.00 RT	650+85.56	450.46 RT	258999.90	568830.42	783.74	FL PC HP
702	962+51.57	66.37 RT	650+91.85	430.58 RT	259019.85	568836.50	783.48	FL MID
703	962+55.86	84.31 RT	651+08.93	423.71 RT	259026.89	568853.51	783.25	FL PT
704	962+37.96	69.00 RT	650+96.53	443.21 RT	259007.27	568841.32	783.94	FG
705	962+28.81	69.00 RT	650+97.98	451.97 RT	258998.53	568842.85	784.56	FG
706	962+28.81	84.00 RT	650+93.05	452.79 RT	258997.65	568837.93	784.48	FG
707	962+37.96	84.00 RT	650+91.60	444.02 RT	259006.41	568836.39	783.92	FG
708	962+37.96	60.02 RT	650+87.67	444.66 RT	259005.73	568832.47	783.71	FG
709	962+37.96	57.63 RT	650+85.31	445.04 RT	259005.32	568830.12	783.67	FL PNT
710	962+43.09	59.45 RT	650+86.31	439.81 RT	259010.56	568831.06	783.61	FL PNT
711	962+44.44	60.17 RT	650+86.80	438.40 RT	259011.98	568831.54	783.59	FL PNT
712	962+44.44	60.17 RT	650+86.81	438.40 RT	259011.97	568831.55	783.76	TOC 2"
713	962+48.07	62.69 RT	650+88.74	434.52 RT	259015.88	568833.44	783.54	FL PT
714	962+48.06	62.70 RT	650+88.75	434.53 RT	259015.87	568833.45	783.71	TOC 2"
715	962+49.49	64.00 RT	650+89.82	432.95 RT	259017.46	568834.49	783.52	FL PNT
716	962+53.31	68.99 RT	650+94.18	428.51 RT	259021.94	568838.81	783.44	FL PNT
717	962+48.77	69.00 RT	650+94.87	432.86 RT	259017.60	568839.55	783.51	FG
718	962+43.09	69.00 RT	650+95.74	438.30 RT	259012.17	568840.47	783.89	FG

Curb ramp layout for review.
Curb ramp elements are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - WHITNAL EDGE ROAD SE	SHEET E

PRE_73

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Whitnall Edge Road SE

PLOT DATE : 5/14/2021 7:56 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

N

963+00

600+25

R/L WHITNALL EDGE ROAD

R/L USH 45

962+75

30-INCH CURB AND GUTTER, TYPE D

CURB RAMP TYPE 5

962+50

18-INCH CURB AND GUTTER, TYPE D

962+25

EXISTING R/W

EXISTING R/W

2.1%

1.9%

0.9%

1.2%

1.2%

4"

Curb ramp layout for review.
Curb ramp elevations are not for review.

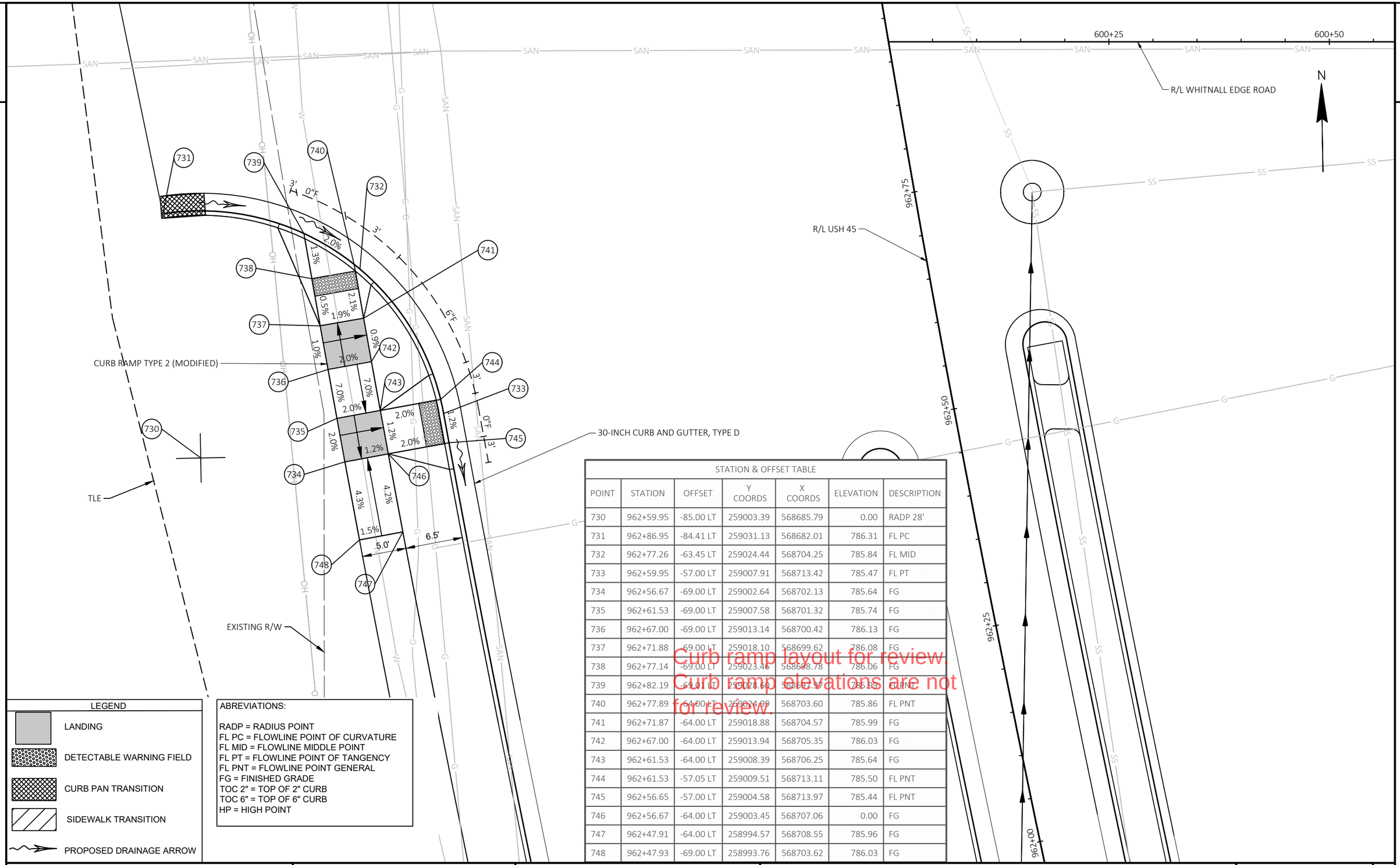
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - WHITNALL EDGE ROAD MEDIAN S	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Whitnall Edge Road Median S

PLOT DATE : 5/14/2021 7:57 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

PRE_74

WISDOT/CADDS SHEET 42



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
730	962+59.95	-85.00 LT	259003.39	568685.79	0.00	RADP 28'
731	962+86.95	-84.41 LT	259031.13	568682.01	786.31	FL PC
732	962+77.26	-63.45 LT	259024.44	568704.25	785.84	FL MID
733	962+59.95	-57.00 LT	259007.91	568713.42	785.47	FL PT
734	962+56.67	-69.00 LT	259002.64	568702.13	785.64	FG
735	962+61.53	-69.00 LT	259007.58	568701.32	785.74	FG
736	962+67.00	-69.00 LT	259013.14	568700.42	786.13	FG
737	962+71.88	-69.00 LT	259018.10	568699.62	786.08	FG
738	962+77.14	-69.00 LT	259023.46	568698.78	786.06	FG
739	962+82.19	-69.00 LT	259028.60	568697.97	785.85	FL PNT
740	962+77.89	-64.00 LT	259024.09	568703.60	785.86	FL PNT
741	962+71.87	-64.00 LT	259018.88	568704.57	785.99	FG
742	962+67.00	-64.00 LT	259013.94	568705.35	786.03	FG
743	962+61.53	-64.00 LT	259008.39	568706.25	785.64	FG
744	962+61.53	-57.05 LT	259009.51	568713.11	785.50	FL PNT
745	962+56.65	-57.00 LT	259004.58	568713.97	785.44	FL PNT
746	962+56.67	-64.00 LT	259003.45	568707.06	0.00	FG
747	962+47.91	-64.00 LT	258994.57	568708.55	785.96	FG
748	962+47.93	-69.00 LT	258993.76	568703.62	786.03	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - WHITNALL EDGE ROAD SW	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Whitnall Edge Road SW
PLOT DATE : 5/14/2021 7:57 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

PRE_75

WISDOT/CADDS SHEET 42

2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

30-INCH CURB AND GUTTER, TYPE D

TLE

CURB RAMP TYPE 2 (MODIFIED)

EXISTING R/W

R/L USH 45

R/L WHITNALL EDGE ROAD

963+25

963+00

964+50

600+25

N

STATION & OFFSET TABLE

POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
750	963+48.94	-85.00 LT	259094.72	568672.63	0.00	RADP 28'
751	963+48.91	-57.00 LT	259098.15	568700.42	786.28	FL PC
752	963+29.47	-65.51 LT	259077.27	568694.53	786.38	FL MID
753	963+21.95	-85.76 LT	259066.86	568675.49	786.48	FL PT
754	963+49.11	-69.00 LT	259096.87	568688.49	786.46	FG
755	963+49.12	-64.00 LT	259097.50	568693.45	786.39	FG
756	963+41.34	-64.00 LT	259089.56	568694.45	786.58	FG
757	963+41.34	-60.69 LT	259089.98	568697.78	786.95	FG
758	963+41.85	-57.12 LT	259090.81	568701.28	786.31	FL PNT
759	963+36.47	-60.13 LT	259085.10	568698.93	786.34	FL PNT
760	963+34.94	-61.01 LT	259083.43	568698.26	786.35	FL PNT
761	963+34.95	-61.02 LT	259083.43	568698.25	786.52	TOC 2"
762	963+36.48	-64.00 LT	259084.60	568695.08	786.56	FG
763	963+32.19	-62.97 LT	259080.37	568696.68	786.36	FL PNT
764	963+32.19	-62.98 LT	259080.37	568696.67	786.53	TOC 2"
765	963+30.99	-64.00 LT	259079.02	568695.82	786.37	FL PNT
766	963+26.70	-69.00 LT	259073.98	568691.44	786.40	FL PNT
767	963+31.74	-69.00 LT	259079.12	568690.76	786.48	FG
768	963+36.48	-69.00 LT	259083.96	568690.13	786.61	FG
769	963+41.34	-69.00 LT	259088.93	568689.49	786.66	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - WHITNALL EDGE ROAD NW	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Whitnall Edge Road NW
PLOT DATE : 5/14/2021 7:57 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
PRE_76
WISDOT/CADDS SHEET 42

2

N

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

963+75
963+50
963+25
963+00
600+25
600+50
600+75

18-INCH CURB AND GUTTER, TYPE D
CURB RAMP TYPE 5
30-INCH CURB AND GUTTER, TYPE D
R/L USH 45
R/L WHITNALL EDGE ROAD
EXISTING R/W
EXISTING R/W
TLE

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - WHITNALL EDGE ROAD MEDIAN N	SHEET E

PRE_77

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Whitnall Edge Road Median N

PLOT DATE : 5/14/2021 7:57 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

Curb ramp layout for review.
Curb ramp elevations are not for review.

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
780	963+12.26	69.00 RT	650+86.09	371.91 RT	259078.46	568830.13	784.22	FG
781	963+06.57	69.01 RT	650+86.81	377.38 RT	259072.99	568830.91	783.94	FG
782	963+02.03	69.00 RT	650+87.39	381.75 RT	259068.63	568831.53	783.87	FL PNT
783	963+05.85	64.00 RT	650+82.90	378.03 RT	259071.59	568828.05	784.00	FL PNT
784	963+07.58	62.44 RT	650+80.17	377.27 RT	259073.04	568824.26	784.06	FL PNT
785	963+07.59	62.44 RT	650+80.17	377.26 RT	259073.05	568824.27	784.23	TOC 2"
786	963+11.27	59.96 RT	650+77.24	374.03 RT	259076.24	568821.31	784.21	FL PNT
787	963+11.27	59.97 RT	650+77.25	374.02 RT	259076.25	568821.31	784.38	TOC 2"
788	963+12.27	59.44 RT	650+76.61	373.13 RT	259077.13	568820.66	784.27	FL PNT
789	963+17.41	57.63 RT	650+74.17	368.40 RT	259081.84	568818.17	784.38	FL PNT
790	963+17.40	60.02 RT	650+76.54	368.10 RT	259082.16	568820.55	784.42	FG
791	963+17.39	64.00 RT	650+80.49	367.61 RT	259082.70	568824.49	784.32	FG
792	963+40.13	64.00 RT	650+77.80	345.66 RT	259104.61	568821.57	785.69	FG
793	963+40.13	69.00 RT	650+82.76	345.08 RT	259105.25	568826.52	785.76	FG
794	963+17.42	69.00 RT	650+85.45	366.95 RT	259083.41	568829.44	784.25	FG

N

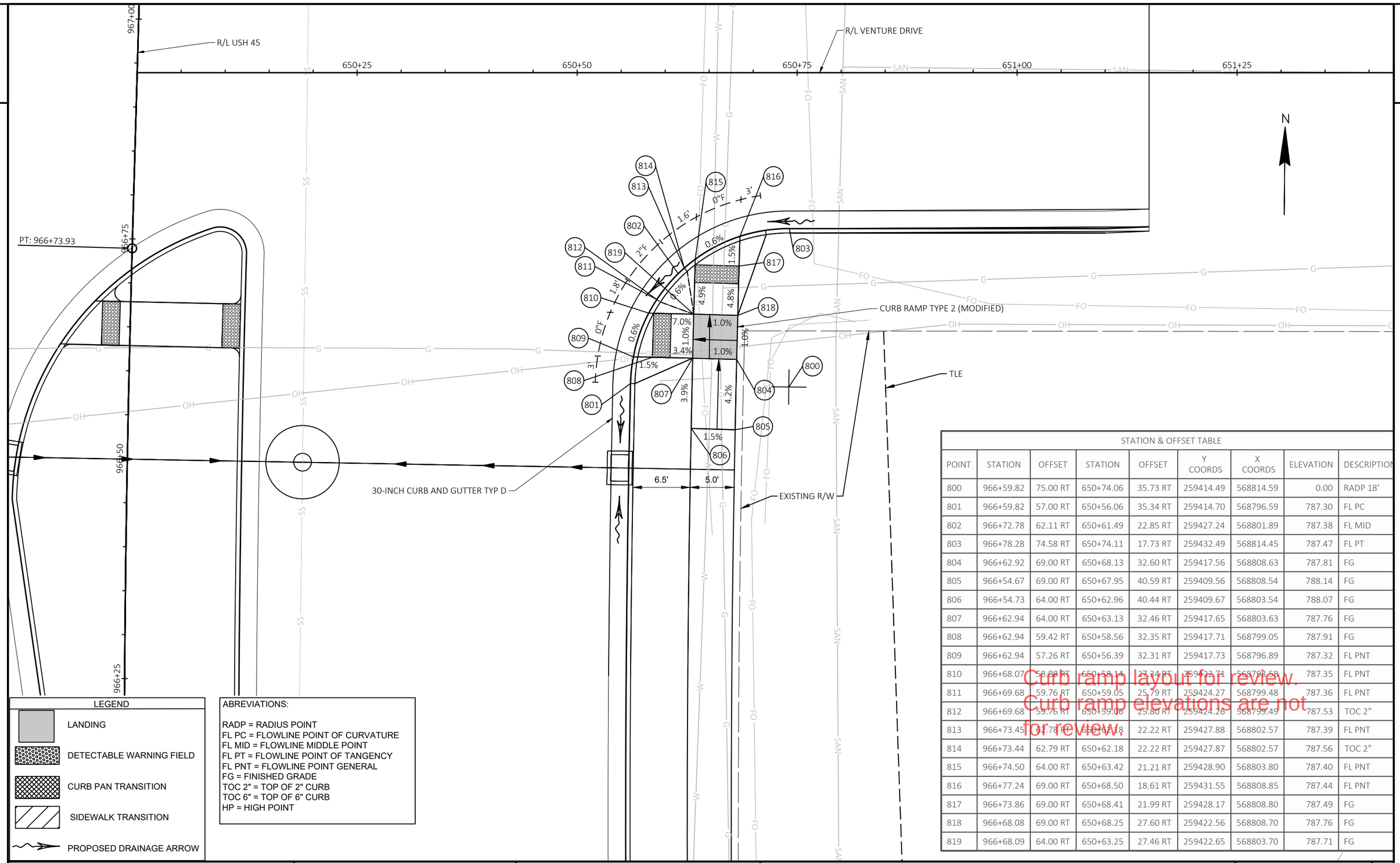
6.5'
5.0'
1.5%
6.2%
6.8%
7.0%
1.0%
3.2%
0.5%
4%
4.9%
5.2%
3.6%
2.0%
3"
11"
2"
0"F
EXISTING R/W
CURB RAMP TYPE 2
TLE
30-INCH CURB AND GUTTER, TYPE D
R/L USH 45
R/L WHITNALL EDGE ROAD
963+50
963+25
963+00
600+25
600+50
600+75
601+00
601+25

PROJECT NO: 2040-14-70 | HWY: USH 45 | COUNTY: MILWAUKEE | CURB RAMP DETAILS - WHITNALL EDGE ROAD NE | SHEET E

PRE_78

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Whitnall Edge Road NE
PLOT DATE : 5/14/2021 7:57 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42



LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

STATION & OFFSET TABLE

POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
800	966+59.82	75.00 RT	650+74.06	35.73 RT	259414.49	568814.59	0.00	RADP 18'
801	966+59.82	57.00 RT	650+56.06	35.34 RT	259414.70	568796.59	787.30	FL PC
802	966+72.78	62.11 RT	650+61.49	22.85 RT	259427.24	568801.89	787.38	FL MID
803	966+78.28	74.58 RT	650+74.11	17.73 RT	259432.49	568814.45	787.47	FL PT
804	966+62.92	69.00 RT	650+68.13	32.60 RT	259417.56	568808.63	787.81	FG
805	966+54.67	69.00 RT	650+67.95	40.59 RT	259409.56	568808.54	788.14	FG
806	966+54.73	64.00 RT	650+62.96	40.44 RT	259409.67	568803.54	788.07	FG
807	966+62.94	64.00 RT	650+63.13	32.46 RT	259417.65	568803.63	787.76	FG
808	966+62.94	59.42 RT	650+58.56	32.35 RT	259417.71	568799.05	787.91	FG
809	966+62.94	57.26 RT	650+56.39	32.31 RT	259417.73	568796.89	787.32	FL PNT
810	966+68.07	58.88 RT	650+58.14	27.34 RT	259422.71	568798.58	787.35	FL PNT
811	966+69.68	59.76 RT	650+59.05	25.79 RT	259424.27	568799.48	787.36	FL PNT
812	966+69.68	59.76 RT	650+59.06	25.80 RT	259424.26	568799.49	787.53	TOC 2"
813	966+73.45	64.78 RT	650+64.18	22.22 RT	259427.88	568802.57	787.39	FL PNT
814	966+73.44	62.79 RT	650+62.18	22.22 RT	259427.87	568802.57	787.56	TOC 2"
815	966+74.50	64.00 RT	650+63.42	21.21 RT	259428.90	568803.80	787.40	FL PNT
816	966+77.24	69.00 RT	650+68.50	18.61 RT	259431.55	568808.85	787.44	FL PNT
817	966+73.86	69.00 RT	650+68.41	21.99 RT	259428.17	568808.80	787.49	FG
818	966+68.08	69.00 RT	650+68.25	27.60 RT	259422.56	568808.70	787.76	FG
819	966+68.09	64.00 RT	650+63.25	27.46 RT	259422.65	568803.70	787.71	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - VENTURE DRIVE SE	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Venture Drive SE
PLOT DATE : 5/14/2021 7:57 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

Curb ramp layout for review.
Curb ramp elevations are not for review.

R/L USH 45

R/L VENTURE DRIVE

967+00

650+25

650+50

PT: 966+73.93

966+75

CURB RAMP TYPE 3

966+50

966+25

30-INCH CURB AND GUTTER, TYPE D

EXISTING R/W

N

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - VENTURE DRIVE MEDIAN S	SHEET E

PRE_80

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Venture Drive Median S

PLOT DATE : 5/14/2021 7:57 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

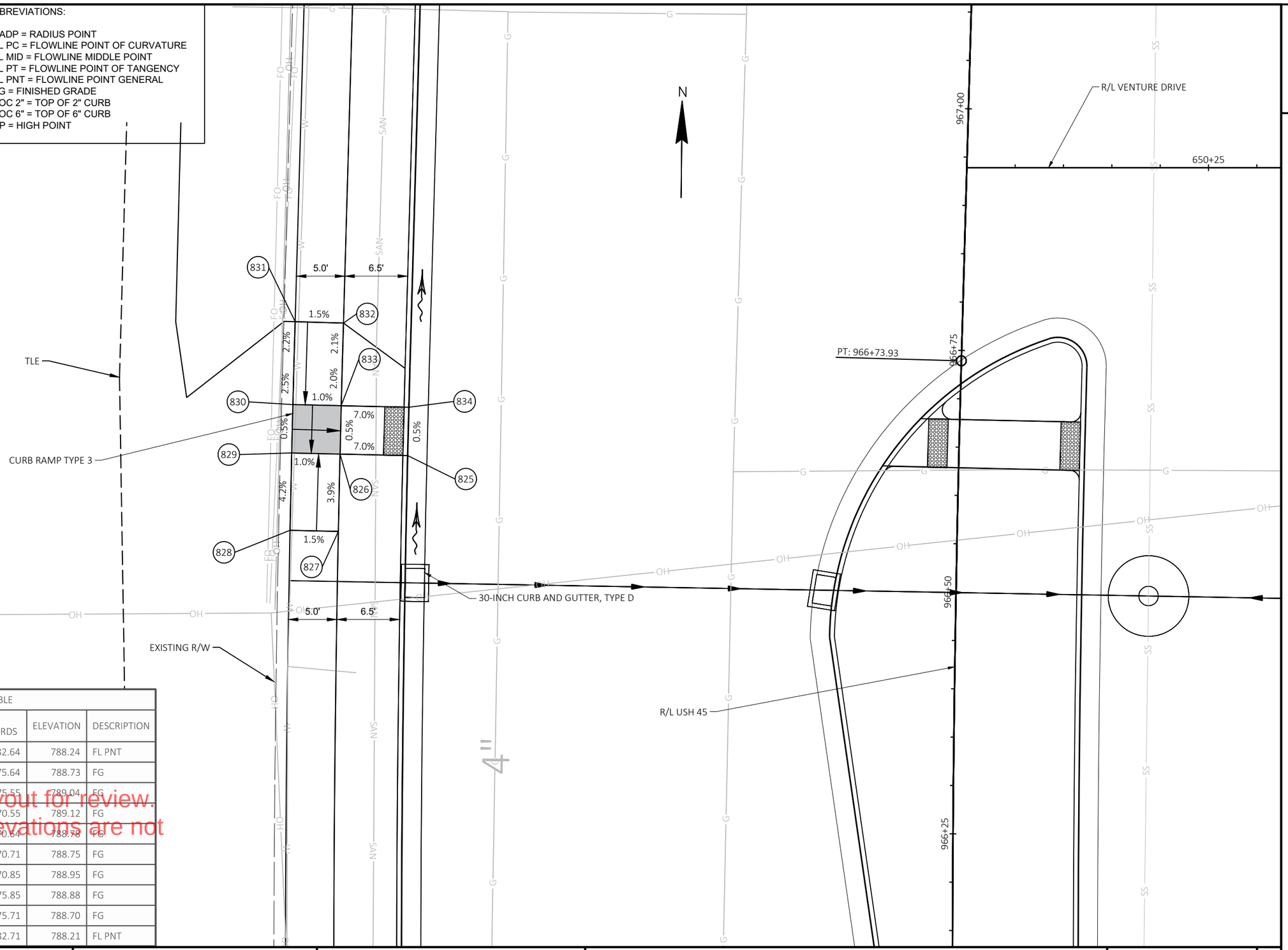
2

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

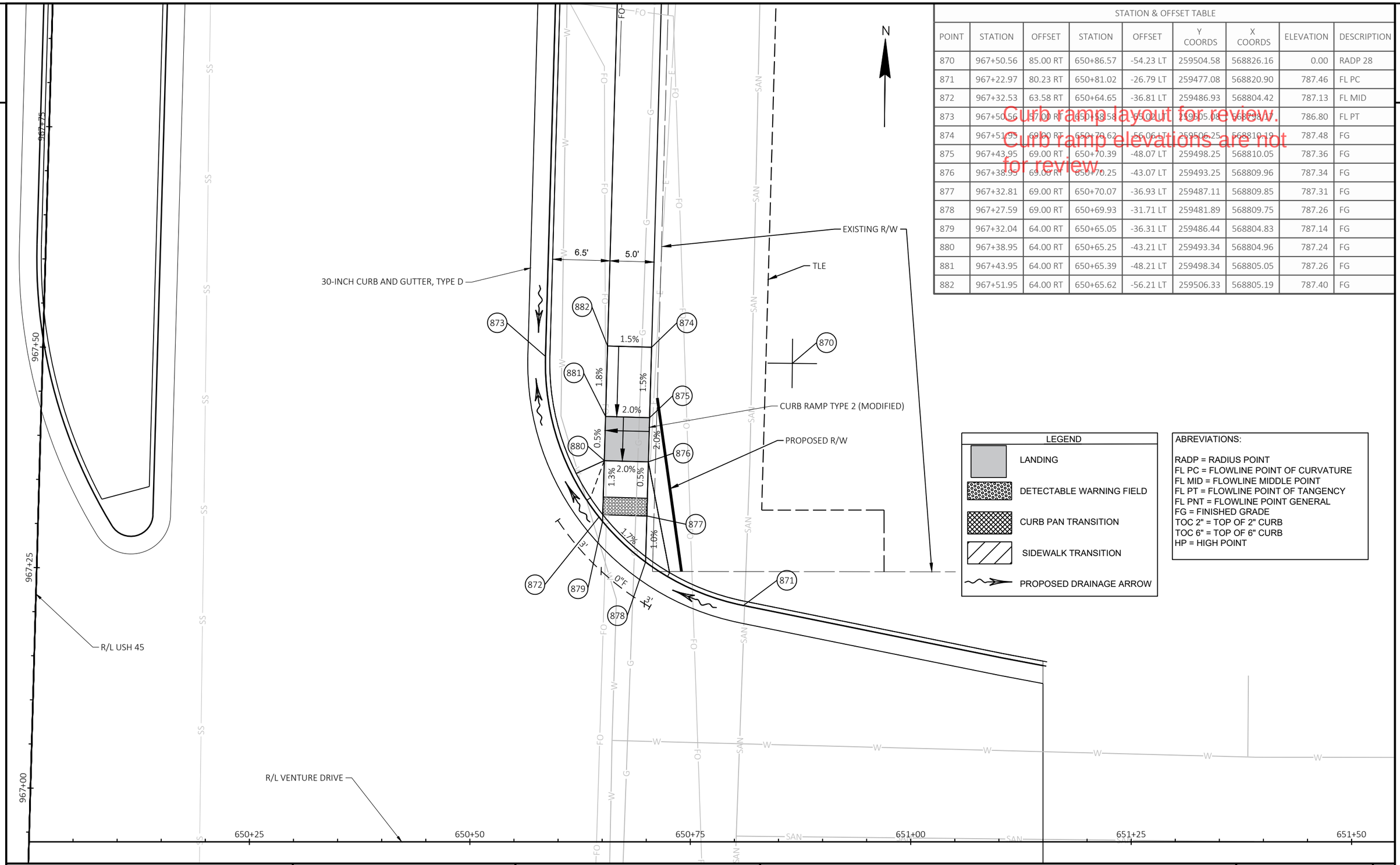
RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT



STATION & OFFSET TABLE						
POINT	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
825	966+62.78	-57.00 LT	259419.07	568682.64	788.24	FL PNT
826	966+62.78	-64.00 LT	259419.15	568675.64	788.73	FG
827	966+54.99	-64.00 LT	259411.16	568675.55	789.04	FG
828	966+55.01	-69.00 LT	259411.22	568670.55	789.12	FG
829	966+62.78	-69.00 LT	259419.22	568670.64	788.78	FG
830	966+67.63	-69.00 LT	259424.22	568670.71	788.75	FG
831	966+76.02	-69.00 LT	259432.80	568670.85	788.95	FG
832	966+76.02	-64.00 LT	259432.71	568675.85	788.88	FG
833	966+67.64	-64.00 LT	259424.15	568675.71	788.70	FG
834	966+67.66	-57.00 LT	259424.07	568682.71	788.21	FL PNT

Curb ramp layout for review.
Curb ramp elevations are not for review.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - VENTURE DRIVE SW	SHEET E



STATION & OFFSET TABLE								
POINT	STATION	OFFSET	STATION	OFFSET	Y COORDS	X COORDS	ELEVATION	DESCRIPTION
870	967+50.56	85.00 RT	650+86.57	-54.23 LT	259504.58	568826.16	0.00	RADP 28
871	967+22.97	80.23 RT	650+81.02	-26.79 LT	259477.08	568820.90	787.46	FL PC
872	967+32.53	63.58 RT	650+64.65	-36.81 LT	259486.93	568804.42	787.13	FL MID
873	967+50.56	47.00 RT	650+48.58	-54.02 LT	259505.08	568788.11	786.80	FL PT
874	967+51.95	69.00 RT	650+70.62	-56.06 LT	259506.25	568810.19	787.48	FG
875	967+43.95	69.00 RT	650+70.39	-48.07 LT	259498.25	568810.05	787.36	FG
876	967+38.95	69.00 RT	650+70.25	-43.07 LT	259493.25	568809.96	787.34	FG
877	967+32.81	69.00 RT	650+70.07	-36.93 LT	259487.11	568809.85	787.31	FG
878	967+27.59	69.00 RT	650+69.93	-31.71 LT	259481.89	568809.75	787.26	FG
879	967+32.04	64.00 RT	650+65.05	-36.31 LT	259486.44	568804.83	787.14	FG
880	967+38.95	64.00 RT	650+65.25	-43.21 LT	259493.34	568804.96	787.24	FG
881	967+43.95	64.00 RT	650+65.39	-48.21 LT	259498.34	568805.05	787.26	FG
882	967+51.95	64.00 RT	650+65.62	-56.21 LT	259506.33	568805.19	787.40	FG

Curb ramp layout for review.
Curb ramp elevations are not for review.

LEGEND

- LANDING
- DETECTABLE WARNING FIELD
- CURB PAN TRANSITION
- SIDEWALK TRANSITION
- PROPOSED DRAINAGE ARROW

ABREVIATIONS:

RADP = RADIUS POINT
FL PC = FLOWLINE POINT OF CURVATURE
FL MID = FLOWLINE MIDDLE POINT
FL PT = FLOWLINE POINT OF TANGENCY
FL PNT = FLOWLINE POINT GENERAL
FG = FINISHED GRADE
TOC 2" = TOP OF 2" CURB
TOC 6" = TOP OF 6" CURB
HP = HIGH POINT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CURB RAMP DETAILS - VENTURE DRIVE NE	SHEET E

PRE_82

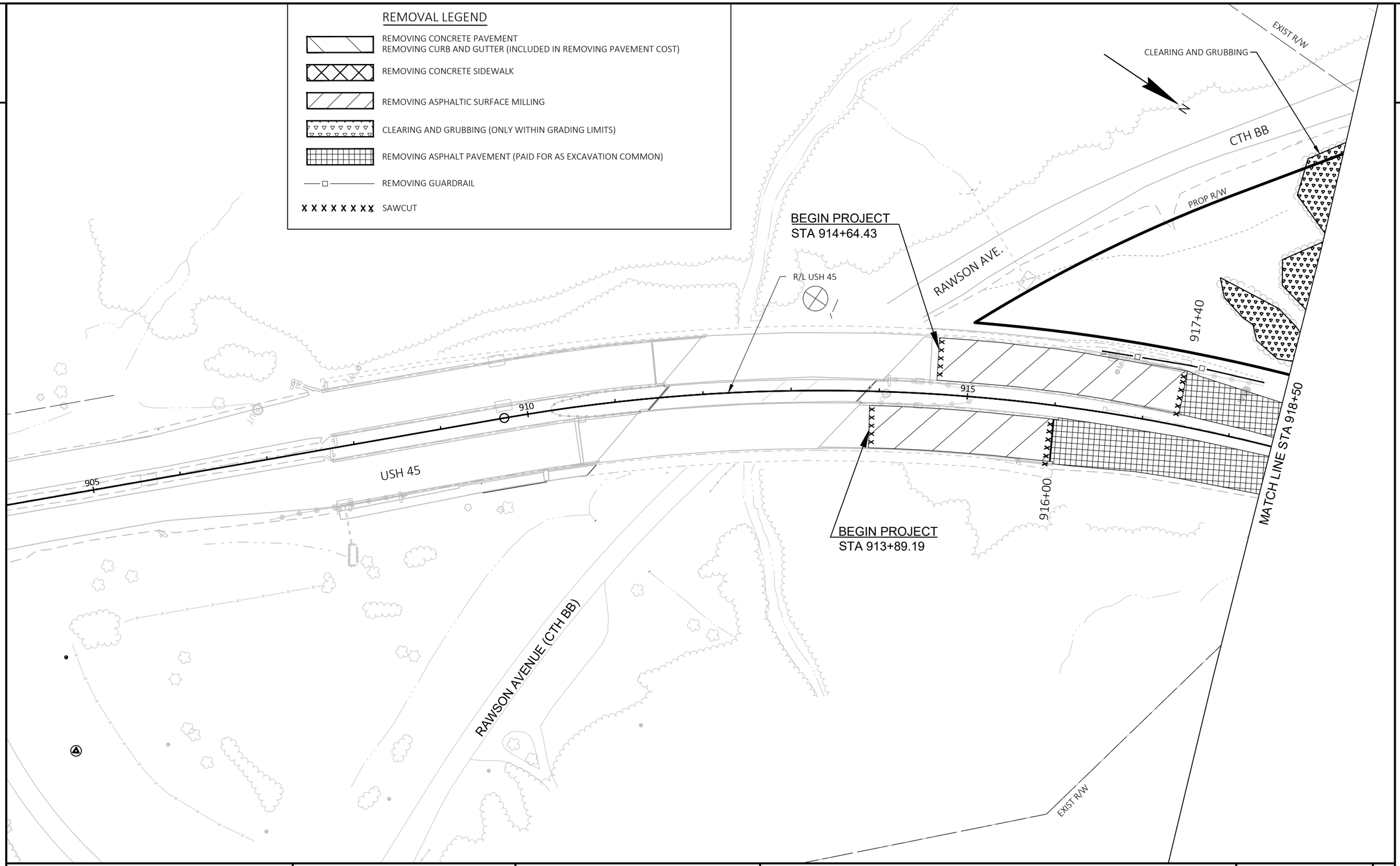
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RD.DWG
LAYOUT NAME - Venture Drive NE

PLOT DATE : 5/14/2021 7:58 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

REMOVAL LEGEND

- REMOVING CONCRETE PAVEMENT
  REMOVING CURB AND GUTTER (INCLUDED IN REMOVING PAVEMENT COST)
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING AND GRUBBING (ONLY WITHIN GRADING LIMITS)
- REMOVING ASPHALT PAVEMENT (PAID FOR AS EXCAVATION COMMON)
- REMOVING GUARDRAIL
- SAWCUT



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET E

PRE_83

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RE.DWG
LAYOUT NAME - 021201

PLOT DATE : 5/14/2021 12:37 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

RAWSON NW RAMP

PROP R/W

CLEARING AND GRUBBING

R/L RAWSON NW RAMP

CLEARING AND GRUBBING

FRONTAGE ROAD WEST

R/L FRONTAGE ROAD WEST

EASEMENT

R/L USH 45

TLE

PROP R/W

REMOVING CURB & GUTTER

EXIST R/W

USH 45

MATCH LINE STA 918+50

MATCH LINE STA 932+50

FRONTAGE ROAD EAST

PHYLLIS LANE

R/L PHYLLIS LANE

R/L FRONTAGE ROAD EAST

RETAINING WALL REMOVAL

RETAINING WALL TO REMAIN

GUARDRAIL REMOVAL

REMOVAL LEGEND

- REMOVING CONCRETE PAVEMENT
  REMOVING CURB AND GUTTER (INCLUDED IN REMOVING PAVEMENT COST)
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING AND GRUBBING (ONLY WITHIN GRADING LIMITS)
- REMOVING ASPHALT PAVEMENT (PAID FOR AS EXCAVATION COMMON)
- REMOVING GUARDRAIL
- SAWCUT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RE.DWG
LAYOUT NAME - 021202

PLOT DATE : 5/14/2021 12:37 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_84

WISDOT/CADDS SHEET 42

2

REMOVAL LEGEND

- REMOVING CONCRETE PAVEMENT
  REMOVING CURB AND GUTTER (INCLUDED IN REMOVING PAVEMENT COST)
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING AND GRUBBING (ONLY WITHIN GRADING LIMITS)
- REMOVING ASPHALT PAVEMENT (PAID FOR AS EXCAVATION COMMON)
- REMOVING GUARDRAIL
- SAWCUT

MATCH LINE STA 932+50

EASEMENT

PRIVATE SIGN REMOVAL PART OF REAL ESTATE NEGOTIATIONS

TLE

EXIST R/W

935

940

945

947+00

360

402

404

HERDA PLACE

R/L HERDA PLACE

PROP R/W

REMOVE RETAINING WALL

EXIST R/W

TLE

R/L CORTEZ CIRCLE (SOUTH)

CORTEZ CIRCLE (SOUTH)

EXIST R/W

CORTEZ ROAD

450

452

R/L CORTEZ ROAD

TLE

USH 45

R/L USH 45

EXIST R/W

TLE

REMOVE SIGN AND BASE

EXIST R/W

TLE

PROP R/W

R/L CORTEZ CIRCLE (NORTH)

CORTEZ CIRCLE (NORTH)

502

504

EXIST R/W

TLE

PROP R/W

R/L PRAIRIEWOOD LANE

PRAIRIEWOOD LANE

498

EXIST R/W

REMOVING CURB AND GUTTER

INL

MATCH LINE STA 947+00

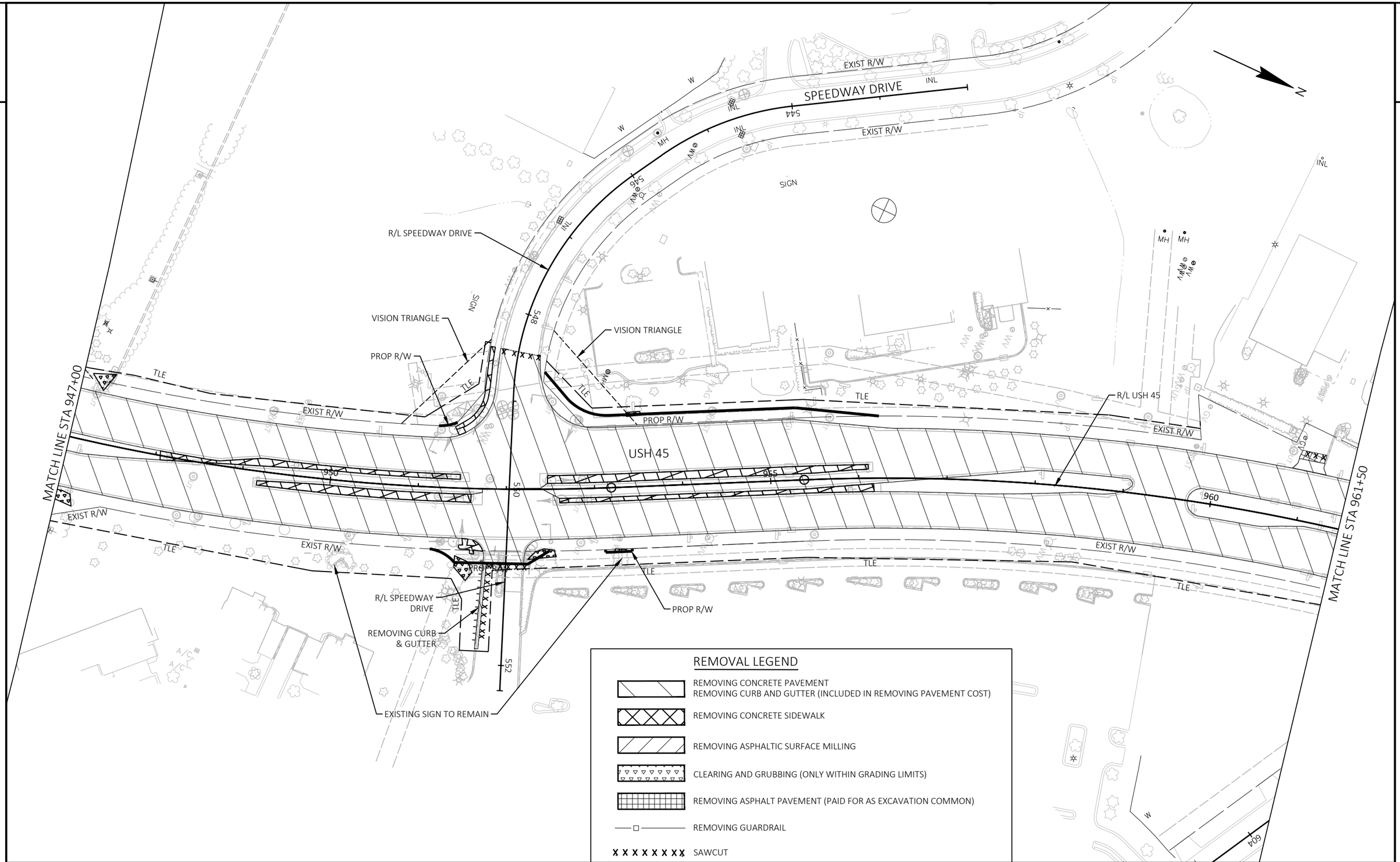
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET E

PRE_85

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RE.DWG
LAYOUT NAME - 021203

PLOT DATE : 5/14/2021 12:37 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



REMOVAL LEGEND

- REMOVING CONCRETE PAVEMENT
  REMOVING CURB AND GUTTER (INCLUDED IN REMOVING PAVEMENT COST)
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING AND GRUBBING (ONLY WITHIN GRADING LIMITS)
- REMOVING ASPHALT PAVEMENT (PAID FOR AS EXCAVATION COMMON)
- REMOVING GUARDRAIL
- SAWCUT

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET E

PRE_86

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RE.DWG
LAYOUT NAME - 021204

PLOT DATE : 5/14/2021 12:37 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

REMOVAL LEGEND

- REMOVING CONCRETE PAVEMENT
  REMOVING CURB AND GUTTER (INCLUDED IN REMOVING PAVEMENT COST)
- REMOVING CONCRETE SIDEWALK
- REMOVING ASPHALTIC SURFACE MILLING
- CLEARING AND GRUBBING (ONLY WITHIN GRADING LIMITS)
- REMOVING ASPHALT PAVEMENT (PAID FOR AS EXCAVATION COMMON)
- REMOVING GUARDRAIL
- SAWCUT

N

REMOVING CURB & GUTTER
REMOVING CONCRETE SIDEWALK
SAWCUT 1' FROM FLANGE LINE
FOR CROSSOVER

END CONSTRUCTION
STA 971+50.00

END PROJECT
STA 968+80.00

MATCH LINE STA 961+50

USH 45

R/L USH 45

EASEMENT

TLE

EXIST R/W

PROP R/W

R/L WHITNALL EDGE ROAD

R/L VENTURE DRIVE

WHITNALL EDGE ROAD

VENTURE DRIVE

COLLEGE AVENUE

SIGN

FILLER CAPS

CANOPY

WALLS

965

975

652

654

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	REMOVAL PLANS	SHEET E

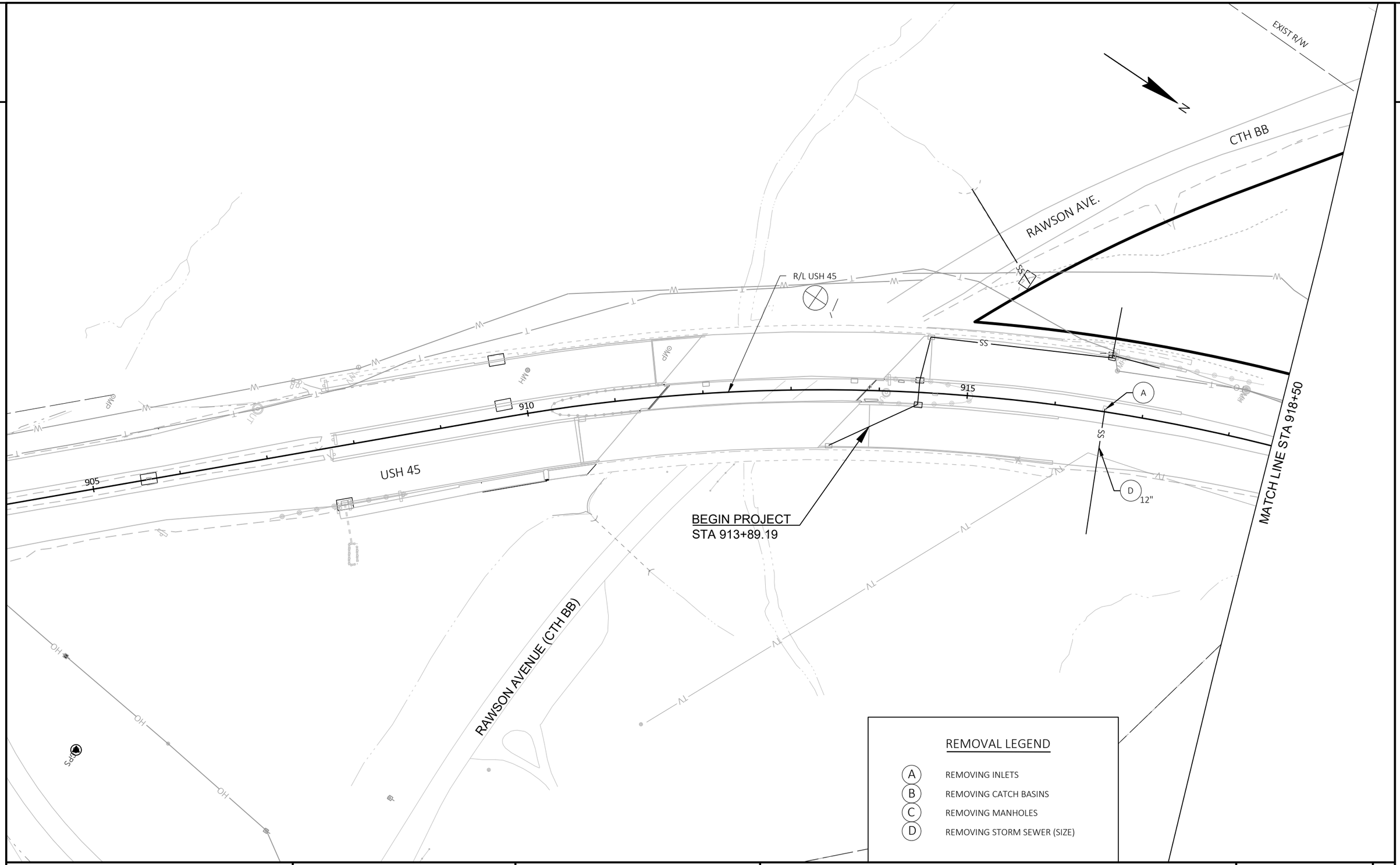
PRE_87

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-RE.DWG
LAYOUT NAME - 021205

PLOT DATE : 5/14/2021 12:37 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	DRAINAGE REMOVALS	SHEET E

PRE_88

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-UR.DWG
LAYOUT NAME - 021201

PLOT DATE : 5/14/2021 8:03 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

MATCH LINE STA 918+50

MATCH LINE STA 932+50

RAWSON NW RAMP

246

R/L RAWSON NW RAMP

R/L FRONTAGE ROAD WEST

R/L USH 45

FRONTAGE ROAD WEST

USH 45

FRONTAGE ROAD EAST

PHYLLIS LANE

R/L PHYLLIS LANE

R/L FRONTAGE ROAD EAST

10" PVC PIPE TO REMAIN

EXIST R/W

PROP R/W

TLE

REMOVE ENDWALL

18" CONCRETE PIPE TO REMAIN

6" DRAIN TILE TO REMAIN

920

925

930

326

328

330

352

354

356

358

304

REMOVAL LEGEND

- A — REMOVING INLETS
- B — REMOVING CATCH BASINS
- C — REMOVING MANHOLES
- D — REMOVING STORM SEWER (SIZE)

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	DRAINAGE REMOVALS	SHEET E

PRE_89

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-UR.DWG
LAYOUT NAME - 021202

PLOT DATE : 5/14/2021 8:03 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA 932+50

MATCH LINE STA 947+00

N

CORTEZ ROAD

PRAIRIEWOOD LANE

USH 45

HERDA PLACE

CORTEZ CIRCLE (SOUTH)

CORTEZ CIRCLE (NORTH)

R/L CORTEZ ROAD

R/L PRAIRIEWOOD LANE

R/L USH 45

R/L HERDA PLACE

R/L CORTEZ CIRCLE (SOUTH)

R/L CORTEZ CIRCLE (NORTH)

REMOVING SMALL PIPE CULVERTS - 18"

REMOVING SMALL PIPE CULVERTS - 18"

REMOVE ENDWALL

REMOVE ENDWALL

6" PVC TO REMAIN

4" DRAIN TILE TO REMAIN

EXIST R/W

PROP R/W

TLE

935

940

945

360

402

404

448

449

498

502

504

452

REMOVAL LEGEND

- A — REMOVING INLETS
- B — REMOVING CATCH BASINS
- C — REMOVING MANHOLES
- D — REMOVING STORM SEWER (SIZE)

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	DRAINAGE REMOVALS	SHEET E

PRE_90

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-UR.DWG
LAYOUT NAME - 021203

PLOT DATE : 5/14/2021 8:03 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA 947+00

MATCH LINE STA 961+50

SPEEDWAY DRIVE

R/L SPEEDWAY DRIVE

R/L USH 45

USH 45

EXIST R/W

PROP R/W

TLE

INL

SS

SAN

W

G

SIGN

MH

6" PIPE TO REMAIN

12" PIPE TO REMAIN

4" DRAIN TILE TO REMAIN

15" PIPE TO REMAIN

950

955

960

544

548

550

552

604

12"

15"

18"

30"

REMOVAL LEGEND

- A — REMOVING INLETS
- B — REMOVING CATCH BASINS
- C — REMOVING MANHOLES
- D — REMOVING STORM SEWER (SIZE)

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	DRAINAGE REMOVALS	SHEET E

PRE_91

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-UR.DWG
LAYOUT NAME - 021204

PLOT DATE : 5/14/2021 8:03 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

MATCH LINE STA 961+50

USH 45 / STH 100

R/L USH 45

EXIST R/W

TLE

PROP R/W

965

970

975

30" D

72" D

12" D

36" D

12" D

12" D

A

C

SS

SIGN

FILLER CAPS

CANOPY

1" WEEP HOLE TO REMAIN

R/L WHITNALL EDGE ROAD

WHITNALL EDGE ROAD

602

652

654

VENTURE DRIVE

R/L VENTURE DRIVE

WALLS

END PROJECT
STA 968+80.00

COLLEGE AVENUE

REMOVAL LEGEND

- (A) REMOVING INLETS
- (B) REMOVING CATCH BASINS
- (C) REMOVING MANHOLES
- (D) REMOVING STORM SEWER (SIZE)

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	DRAINAGE REMOVALS	SHEET E

PRE_92

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\021201-UR.DWG
LAYOUT NAME - 021205

PLOT DATE : 5/14/2021 8:03 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

BEGIN PROJECT
STA 913+89

PROPOSED R/W

STA 918+02, 231.3' L
APRON ENDWALLS FOR CPRC 15-INCH
OUTFALL - 2

44.4 TO Outfall - 2
181 FT SSPRC CLASS III 15-INCH

STA 917+43, 61.5' L
INLETS 2x3-HM
44.4

R/L USH 45

44.3 TO 44.4
47 FT SSPRC CLASS III 15-INCH

USH 45

MATCH LINE STA 918+50

915

STA 916+03, 15.0' R
INLETS 4-HM
44.2

44.3
STA 917+43, 14.3' L
INLETS 4-HM

44.1 TO 44.2
51 FT SSPRC CLASS III 12-INCH

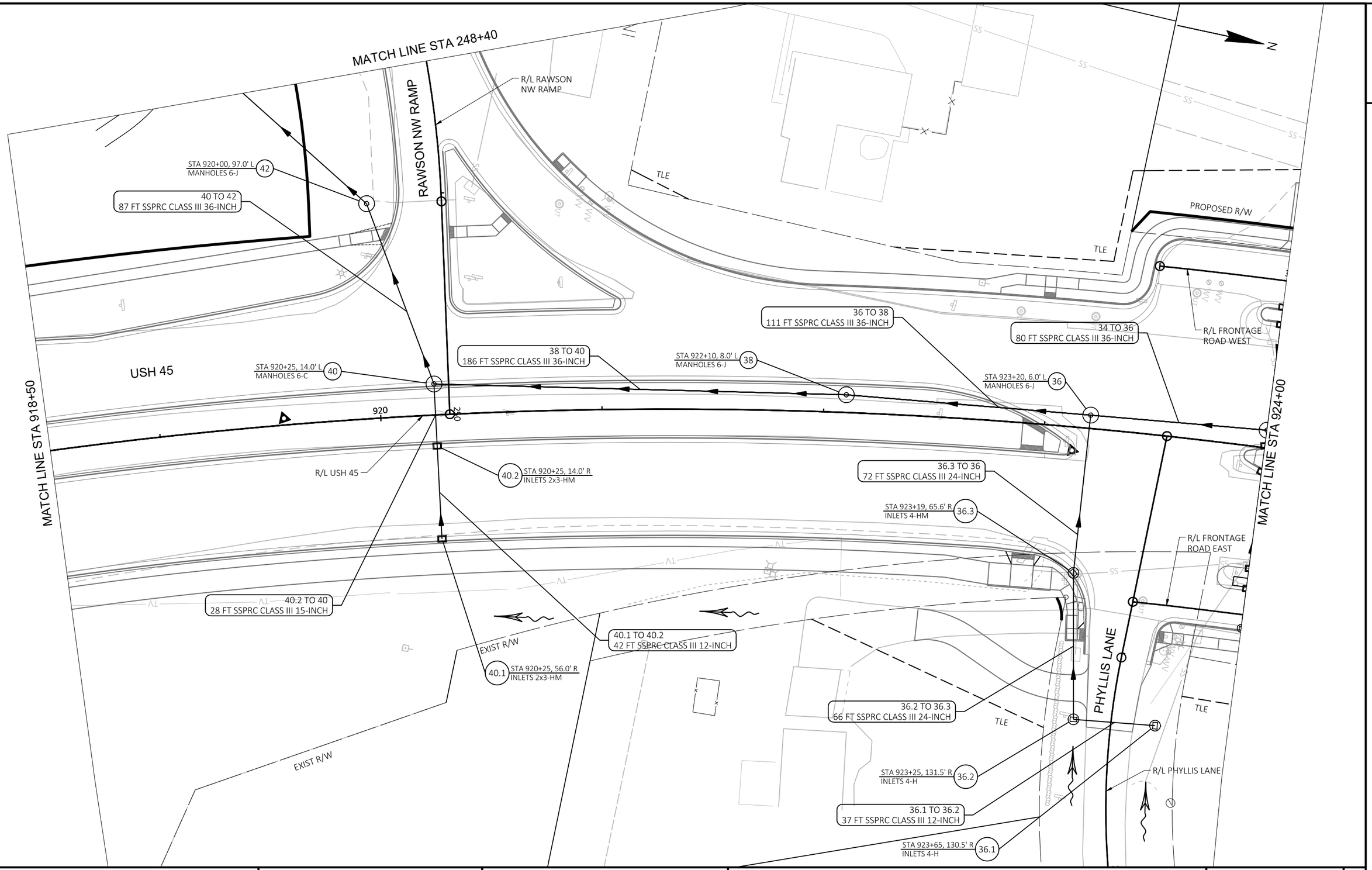
44.1
STA 916+03, 65.5' R
INLETS 2x3-HM

44.2 TO 44.3
143 FT SSPRC CLASS III 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

PRE_93

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

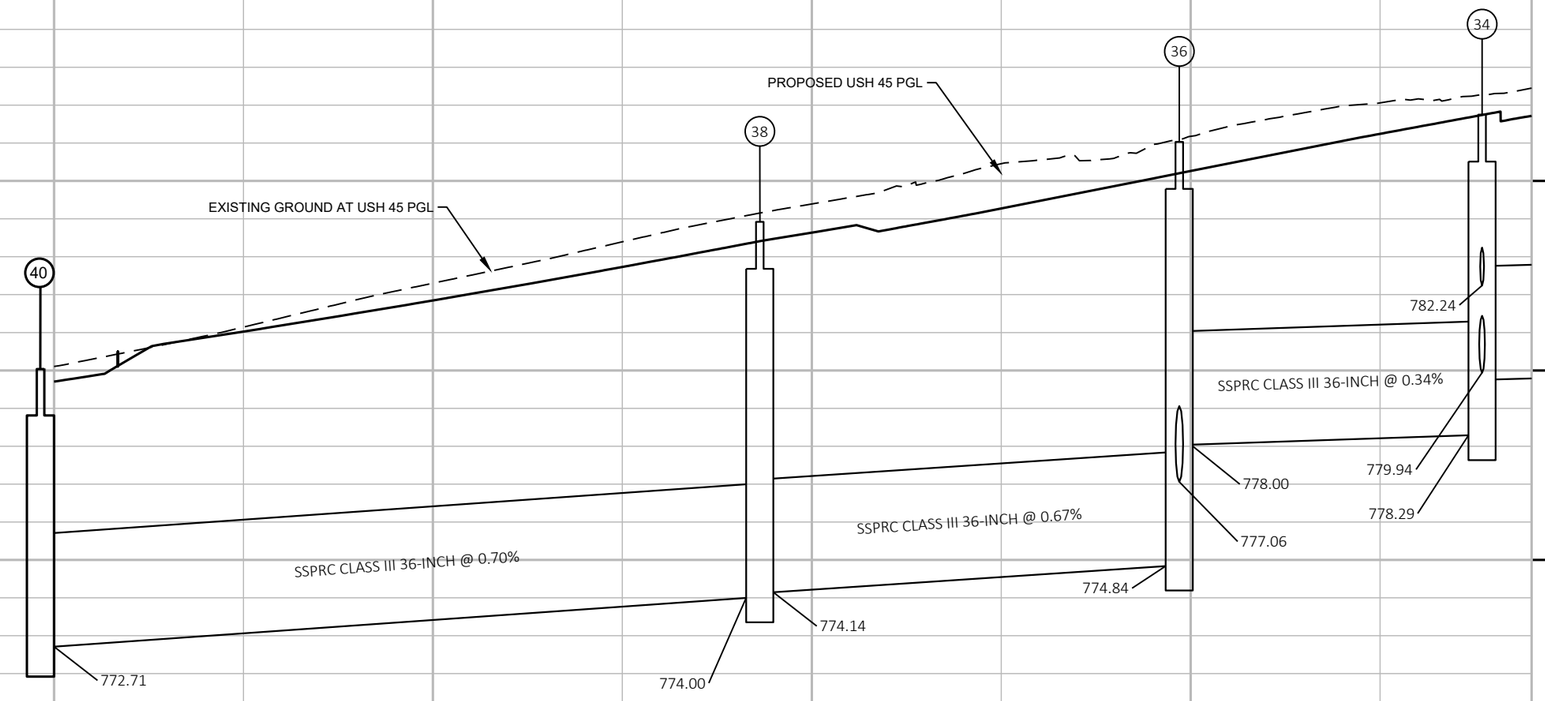
PRE_94

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022502

PLOT DATE : 5/14/2021 11:23 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

795
790
785
780
775
770
765
760



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_95

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022503-ss

PLOT DATE : 5/14/2021 11:23 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : ##########

2

2

N

MATCH LINE STA 924+00

MATCH LINE STA 929+50

TLE

34.2 STA 924+00, 64.0' L INLETS 2x3-H

34.1 TO 34.2
43 FT SSPRC CLASS III 12-INCH

34.1 STA 924+35, 88.0' L INLETS 2x3-H

STA 926+15, 64.0' L INLETS 2x3-H 32.2

STA 926+15, 56.0' L INLETS 2x3-H 32.3

32.1 STA 926+15, 88.0' L INLETS 2x3-H

32.1 TO 32.2
24 FT SSPRC CLASS III 12-INCH

PROPOSED R/W

34.2 TO 34.3
8 FT SSPRC CLASS III 12-INCH

32.2 TO 32.3
8 FT SSPRC CLASS III 12-INCH

30.1 TO 30.2
44 FT SSPRC CLASS III 12-INCH

28 TO 30
225 FT SSPRC CLASS III 36-INCH

EXIST R/W

34.3 STA 924+00, 56.0' L INLETS 2x3-H

328

330

FRONTAGE ROAD WEST

R/L FRONTAGE ROAD WEST

326

32.4 STA 926+15, 14.0' L INLETS 2x3-H

STA 928+25, 57.6' L INLETS 2x3-H 30.1

30.2 STA 928+25, 14.0' L INLETS 2x3-H

32.3 TO 32.4
42 FT SSPRC CLASS III 12-INCH

34.3 TO 34
48 FT SSPRC CLASS III 12-INCH

USH 45

30.2 TO 30
6 FT SSPRC CLASS III 15-INCH

32.4 TO 32
6 FT SSPRC CLASS III 15-INCH

30 TO 32
210 FT SSPRC CLASS III 36-INCH

32 TO 34
216 FT SSPRC CLASS III 36-INCH

34 STA 924+00, 8.0' L MANHOLES 6-J

STA 926+15, 8.0' L MANHOLES 6-J 32

30 STA 928+25, 8.0' L MANHOLES 6-J

34.4 STA 924+00, 1.0' L INLETS 2x3-H

925

R/L USH 45

34.4 TO 34
7 FT SSPRC CLASS III 18-INCH

32.5 STA 926+15, 14.0' R INLETS 2x3-H

30.3 TO 30
22 FT SSPRC CLASS III 15-INCH

30.3 STA 928+25, 14.0' R INLETS 2x3-H

34.5 TO 34.4
12 FT SSPRC CLASS III 15-INCH

34.5 STA 924+00, 11.0' R INLETS 2x3-H

32.6 STA 926+15, 55.0' R INLETS 2x2.5-BW

30.4 STA 928+25, 55.0' R INLETS 2x2.5-BW

34.6 TO 34.5
44 FT SSPRC CLASS III 12-INCH

FRONTAGE ROAD EAST

352

354

R/L FRONTAGE ROAD EAST

34.6 STA 924+00, 55.0' R INLETS 2x2.5-BW

32.5 TO 32
22 FT SSPRC CLASS III 15-INCH

EXIST R/W

PROPOSED R/W

34.7 TO 34.6
9 FT SSPRC CLASS III 12-INCH

TLE

30.4 TO 30.3
41 FT SSPRC CLASS III 12-INCH

34.7 STA 924+00, 64.2' R INLETS 2x2.5-BW

32.6 TO 32.5
41 FT SSPRC CLASS III 15-INCH

32.7 TO 32.6
9 FT SSPRC CLASS III 12-INCH

30.5 STA 928+25, 63.8' R INLETS 2x2.5-BW

34.8 TO 34.7
18 FT SSPRC CLASS III 12-INCH

32.8 TO 32.7
18 FT SSPRC CLASS III 12-INCH

30.5 TO 30.4
9 FT SSPRC CLASS III 12-INCH

30.6 TO 30.5
18 FT SSPRC CLASS III 12-INCH

32.7 STA 926+15, 63.8' R INLETS 2x2.5-BW

34.8 STA 924+00, 82.2' R INLETS 3-Z

STA 926+15, 82.0' R INLETS 3-Z 32.8

STA 928+25, 82.0' R INLETS 3-Z 30.6

A/C

WELL

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

PRE_96

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022503

PLOT DATE : 5/14/2021 11:24 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

805
800
795
790
785
780
775
770

PROPOSED USH 45 PGL

EXISTING GROUND AT USH 45 PGL

34

32

30

790.25

788.78

788.69

785.75

785.15

783.88

784.38

782.24

780.38

779.76

779.94

778.26

SSPRC CLASS III 36-INCH @ 0.25%

SSPRC CLASS III 36-INCH @ 0.30%

SSPRC CLASS III 36-INCH @ 0.34%

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_97

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022504-ss

PLOT DATE : 5/14/2021 11:24 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 41

2

28.1 TO 28.2
42 FT SSPRC CLASS III 12-INCH

STA 930+50, 56.0' L
INLETS 2x3-H
28.1

28.2 TO 28
6 FT SSPRC CLASS III 15-INCH

24.1 TO 24
48 FT SSPRC CLASS III 15-INCH

24.1 STA 934+35, 56.0' L
INLETS 2x3-H

24.2 TO 24
7 FT SSPRC CLASS III 18-INCH

24 STA 934+35, 8.0' L
MANHOLES 6-J

STA 930+50, 14.0' L
INLETS 2x3-H
28.2

26.4 TO 26
10 FT SSPRC CLASS III 15-INCH

26 STA 933+25, 8.0' L
MANHOLES 6-J

TLE
EXIST R/W
TLE
EXIST R/W
TLE
EXIST R/W

24.3 TO 24.2
15 FT SSPRC CLASS III 12-INCH

28.3 TO 28
15 FT SSPRC CLASS III 18-INCH

28 STA 930+50, 8.0' L
MANHOLES 6-J

USH 45

26 TO 28
275 FT SSPRC CLASS III 36-INCH

24.2 STA 934+35, 1.5' L
INLETS 2x3-H

24 TO 26
110 FT SSPRC CLASS III 36-INCH

24.3 STA 934+35, 13.5' R
INLETS 2x3-H

930

R/L USH 45

28.4 STA 930+50, 55.0' R
INLETS 2x2.5-BW

STA 933+30, 1.0' R
INLETS 2x3-H
26.4

STA 930+50, 7.4' R
INLETS 2x3-H
28.3

28.4 TO 28.3
48 FT SSPRC CLASS III 15-INCH

R/L FRONTAGE ROAD EAST

26.3 TO 26.4
55 FT SSPRC CLASS III 12-INCH

24.4 TO 24.3
42 FT SSPRC CLASS III 12-INCH

356
358
360

EXIST R/W

PROPOSED R/W

STA 933+40, 55.0' R
INLETS 2x2.5-BW
26.3

TLE
TLE
TLE

24.4 STA 934+35, 56.0' R
INLETS 2x3-H

28.5 TO 28.4
9 FT SSPRC CLASS III 12-INCH

STA 933+50, 82.0' R
INLETS 3-Z
26.2

28.5 STA 930+50, 63.8' R
INLETS 2x2.5-BW

26.2 TO 26.3
29 FT SSPRC CLASS III 12-INCH

26.1 TO 26.2
24 FT SSPRC CLASS III 12-INCH

28.6 TO 28.5
18 FT SSPRC CLASS III 12-INCH

STA 933+57, 105.0' R
INLETS 4-H
26.1

24.5 STA 934+30, 75.5' R
INLETS 4-H

28.6 STA 930+50, 82.0' R
INLETS 3-Z

24.5 TO 24.4
20 FT SSPRC CLASS III 12-INCH

HERDA PLACE

R/L HERDA PLACE

WELL

MATCH LINE STA 929+50

MATCH LINE STA 935+00

N

2

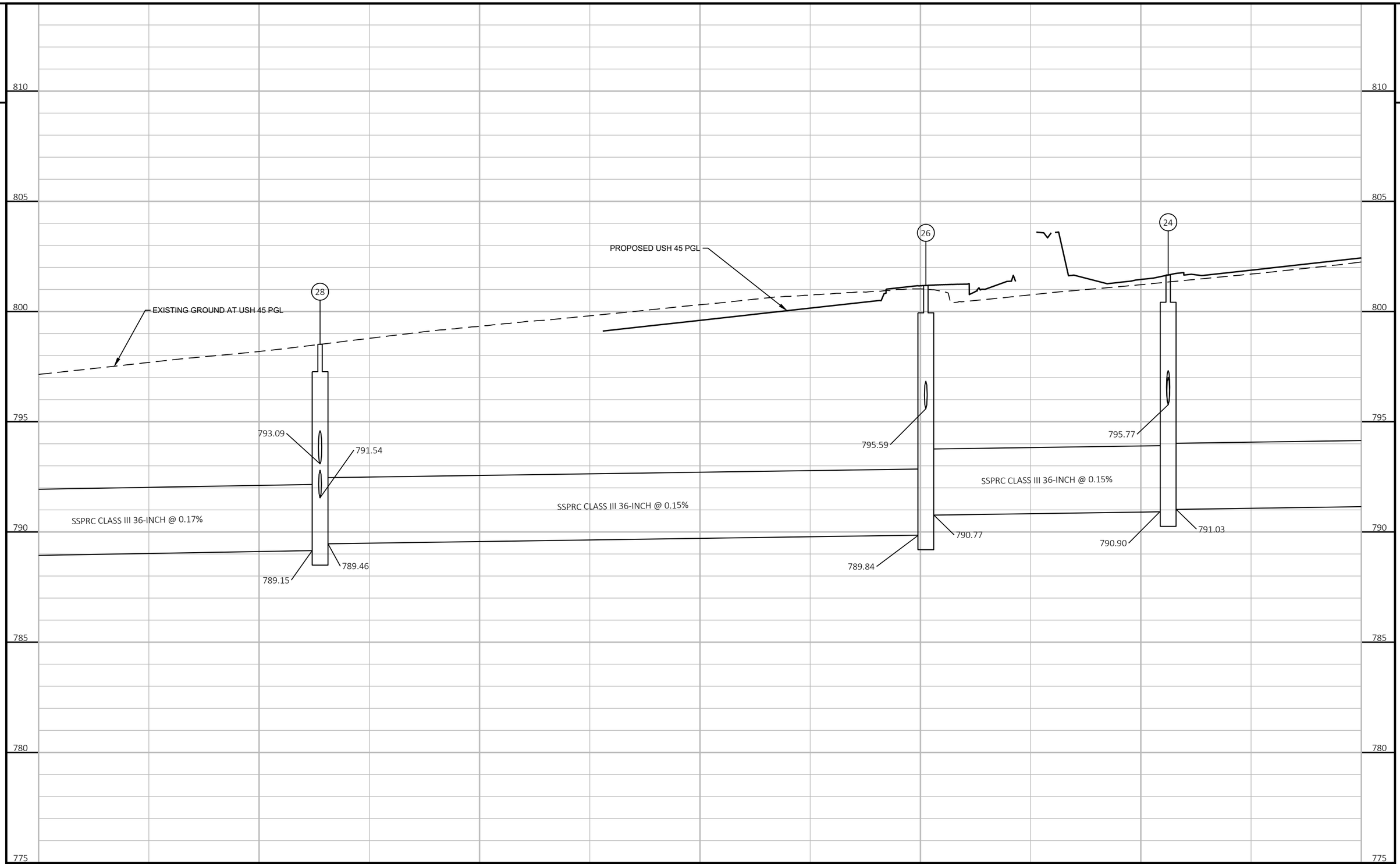
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

PRE_98

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022504

PLOT DATE : 5/14/2021 11:24 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

2

2

N

MATCH LINE STA 448+50

R/L CORTEZ ROAD

CORTEZ ROAD

STA 940+62, 76.5' L
INLETS 4-H
20.1

20.1 TO 20.2
59 FT SSPRC CLASS III 12-INCH

22.1 STA 937+00, 56.0' L
INLETS 2x3-H

STA 939+69, 55.9' L
INLETS 2x3-H
20.3

22.2 TO 22
6 FT SSPRC CLASS III 15-INCH

TLE

EXIST R/W

EXIST R/W

EXIST R/W

22.1 TO 22.2
42 FT SSPRC CLASS III 12-INCH

20.3 TO 20.4
43 FT SSPRC CLASS III 12-INCH

20.2 STA 940+04, 76.2' L
INLETS 2x3-H

STA 937+00, 14.0' L
INLETS 2x3-H
22.2

USH 45

20.4 TO 20
6 FT SSPRC CLASS III 15-INCH

22 TO 24
265 FT SSPRC CLASS III 36-INCH

20.2 TO 20.3
40 FT SSPRC CLASS III 12-INCH

MATCH LINE STA 935+00

MATCH LINE STA 941+00

940

20 TO 22
270 FT SSPRC CLASS III 36-INCH

20.5 TO 20
8 FT SSPRC CLASS III 15-INCH

20.4 STA 939+66, 12.8' L
INLETS 2x3-H

R/L USH 45

22.3 TO 22
22 FT SSPRC CLASS III 15-INCH

22 STA 937+00, 8.0' L
MANHOLES 6-J

22.3 STA 937+00, 14.0' R
INLETS 2x3-H

22.4 TO 22.3
42 FT SSPRC CLASS III 12-INCH

20.6 TO 20.5
56 FT SSPRC CLASS III 12-INCH

20 STA 939+70, 7.9' L
MANHOLES 6-J

SS

EXIST R/W

EXIST R/W

EXIST R/W

TLE

TLE

TLE

22.4 STA 937+00, 56.0' R
INLETS 2x3-H

STA 939+70, 55.9' R
INLETS 2x3-H
20.6

S CORTEZ CIRCLE

20.5 STA 939+70, 0.1' L
INLETS 2x3-H

R/L CORTEZ CIRCLE (SOUTH)

MATCH LINE STA 451+25

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

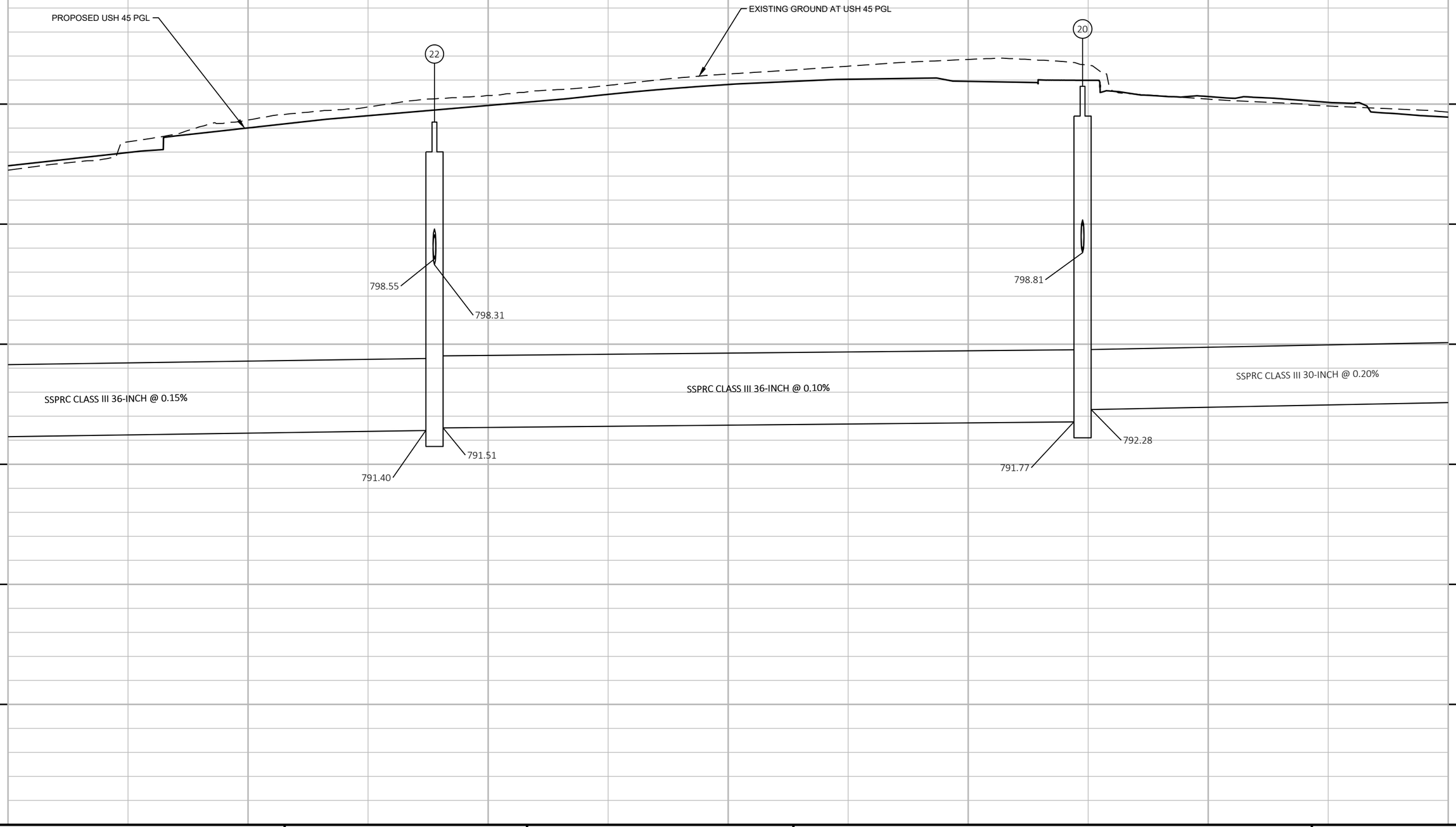
PRE_100

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022505

PLOT DATE : 5/14/2021 11:24 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_101

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022506-ss
PLOT DATE : 5/14/2021 11:25 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

2

N

MATCH LINE STA 941+00

MATCH LINE STA 946+50

R/L PRAIRIEWOOD LANE

PRAIRIEWOOD LANE

USH 45

R/L USH 45

N CORTEZ CIRCLE

R/L CORTEZ CIRCLE (NORTH)

945

EXIST R/W

TLE

16.1 TO 16.2
37 FT SSPRC CLASS III 12-INCH

12.1 TO 12.2
15 FT SSPRC CLASS III 18-INCH

18.1 TO 18.2
42 FT SSPRC CLASS III 12-INCH

STA 945+72, 75.3' L
INLETS 2x3-H
16.2

STA 946+35, 55.7' L
INLETS 2x3-H
12.1

18.1
STA 942+50, 55.9' L
INLETS 2x3-H

16.2 TO 16.3
52 FT SSPRC CLASS III 12-INCH

STA 946+10, 76.2' L
INLETS 2x3-H
16.1

STA 945+22, 56.0' L
INLETS 2x3-H
16.3

18.2
STA 942+50, 14.0' L
INLETS 2x3-H

16.3 TO 16.4
42 FT SSPRC CLASS III 24-INCH

STA 945+20, 14.0' L
INLETS 2x3-H
16.4

12 TO 14
56 FT SSPRC CLASS III 30-INCH

18 TO 20
280 FT SSPRC CLASS III 30-INCH

18
STA 942+50, 7.9' L
MANHOLES 6-J

16.4 TO 16
8 FT SSPRC CLASS III 24-INCH

STA 945+94, 8.0' L
MANHOLES 5-C
14

16.5 TO 16
16 FT SSPRC CLASS III 18-INCH

16
STA 945+25, 8.6' L
MANHOLES 6-C

14 TO 16
68 FT SSPRC CLASS III 30-INCH

16 TO 18
274 FT SSPRC CLASS III 30-INCH

STA 945+25, 7.9' R
INLETS 2x3-H
16.5

16.8
STA 945+40, 14.1' R
INLETS 2x3-H

STA 945+10, 14.2' R
INLETS 2x3-H
16.6

16.8 TO 16.7
15 FT SSPRC CLASS III 12-INCH

16.6 TO 16.7
15 FT SSPRC CLASS III 12-INCH

18.2 TO 18
6 FT SSPRC CLASS III 15-INCH

16.7 TO 16.5
6 FT SSPRC CLASS III 18-INCH

16.10 TO 16.7
42 FT SSPRC CLASS III 12-INCH

18.3
STA 942+50, 11.6' R
INLETS 2x3-H

STA 945+10, 56.2' R
INLETS 2x3-H
16.9

16.7
STA 945+25, 14.2' R
INLETS 2x3-H

18.3 TO 18
19 FT SSPRC CLASS III 15-INCH

16.11
STA 945+40, 56.4' R
INLETS 2x3-H

16.9 TO 16.10
15 FT SSPRC CLASS III 12-INCH

16.11 TO 16.10
15 FT SSPRC CLASS III 12-INCH

18.4 TO 18.3
45 FT SSPRC CLASS III 12-INCH

STA 942+50, 56.1' R
INLETS 2x3-H
18.4

STA 945+25, 56.1' R
INLETS 2x3-H
16.10

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

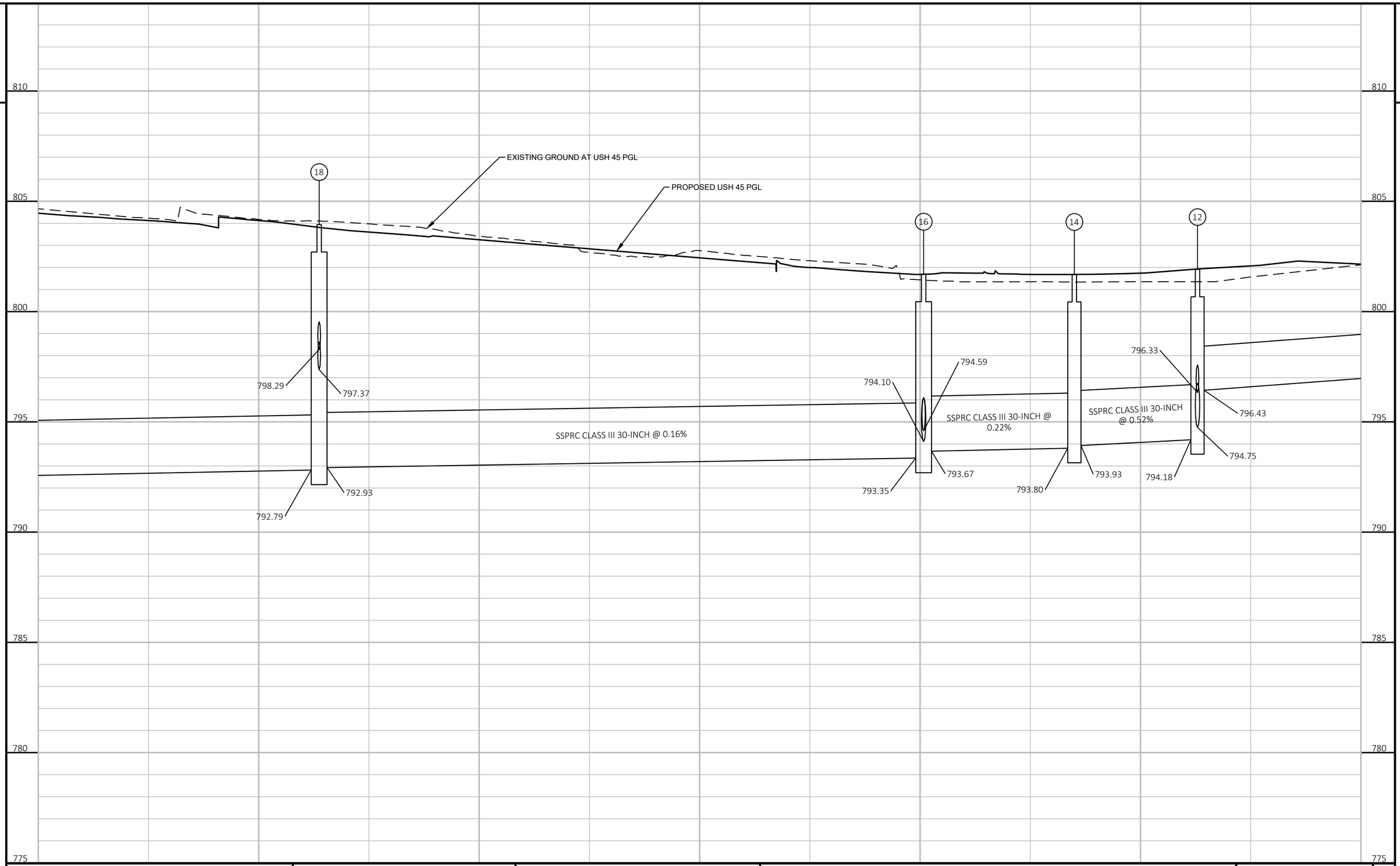
PRE_102

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022506

PLOT DATE : 5/14/2021 11:25 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_103

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022507-ss
PLOT DATE : 5/14/2021 11:25 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

N

12.2 STA 946+50, 55.9' L
INLETS 2x3-H

12.3 TO 12.2
15 FT SSPRC CLASS III 18-INCH

STA 949+20, 56.0' L
INLETS 2x3-H 10.1

10.1 TO 10.2
42 FT SSPRC CLASS III 12-INCH

12.3 STA 946+65, 55.8' L
INLETS 2x3-H

STA 949+20, 6.0' L
INLETS 4-H 10

10.2 STA 949+20, 14.0' L
INLETS 2x3-H

12.2 TO 12
48 FT SSPRC CLASS III 24-INCH

TLE

TLE

EXIST R/W

12 STA 946+50, 7.8' L
MANHOLES 5-J

10.2 TO 10
8 FT SSPRC CLASS III 12-INCH

R/L USH 45

12.4 TO 12
7 FT SSPRC CLASS III 15-INCH

10 TO 12
269 FT SSPRC CLASS III 24-INCH

950

MATCH LINE STA 946+50

MATCH LINE STA 951+00

12.5 STA 946+65, 2.0' L
INLETS 2x3-H

USH 45

10.3 TO 10
14 FT SSPRC CLASS III 12-INCH

12.5 TO 12.4
15 FT SSPRC CLASS III 12-INCH

EXIST R/W

12.4 STA 946+50, 1.2' L
INLETS 2x3-H

TLE

TLE

12.6 TO 12.4
14 FT SSPRC CLASS III 12-INCH

10.4 STA 949+20, 15.0' R
INLETS 2x3-H

12.6 STA 946+50, 13.0' R
INLETS 2x3-H

STA 949+20, 7.9' R
INLETS 2x3-H 10.3

12.7 TO 12.6
43 FT SSPRC CLASS III 12-INCH

10.4 TO 10.3
7 FT SSPRC CLASS III 12-INCH

STA 949+20, 56.0' R
INLETS 2x3-H 10.5

10.5 TO 10.4
41 FT SSPRC CLASS III 12-INCH

12.7 STA 946+50, 56.2' R
INLETS 2x3-H

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

PRE_104

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022507
PLOT DATE : 5/14/2021 11:25 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2

815

810

805

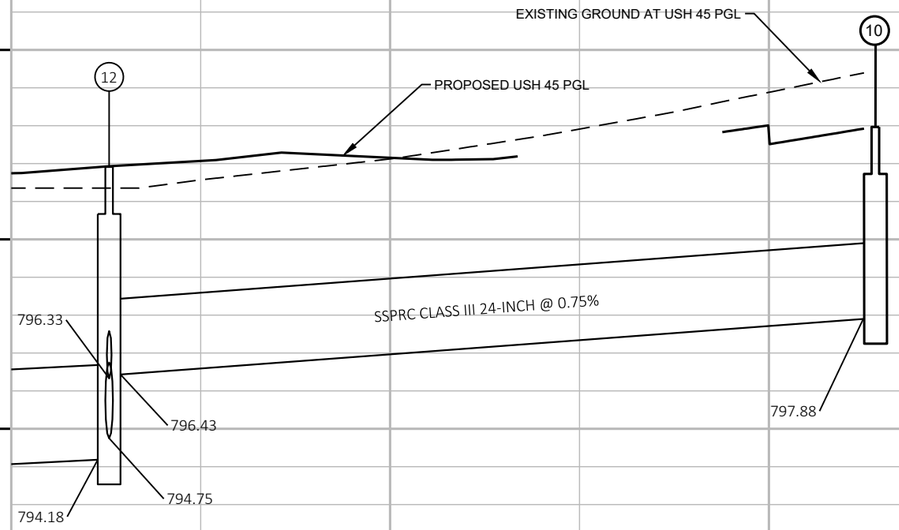
800

795

790

785

780

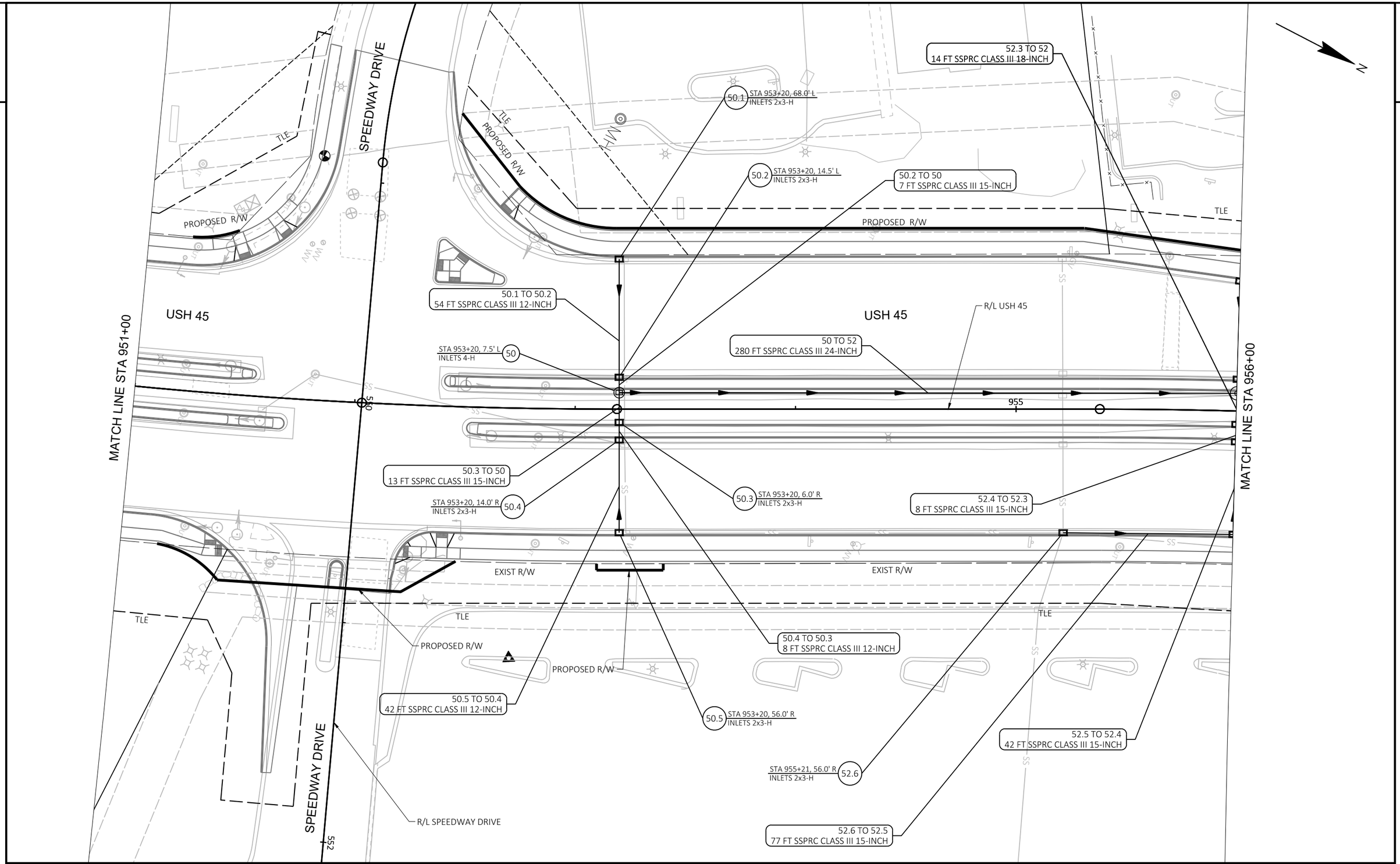


PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_105

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022508-ss

PLOT DATE : 5/14/2021 11:26 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : ##########



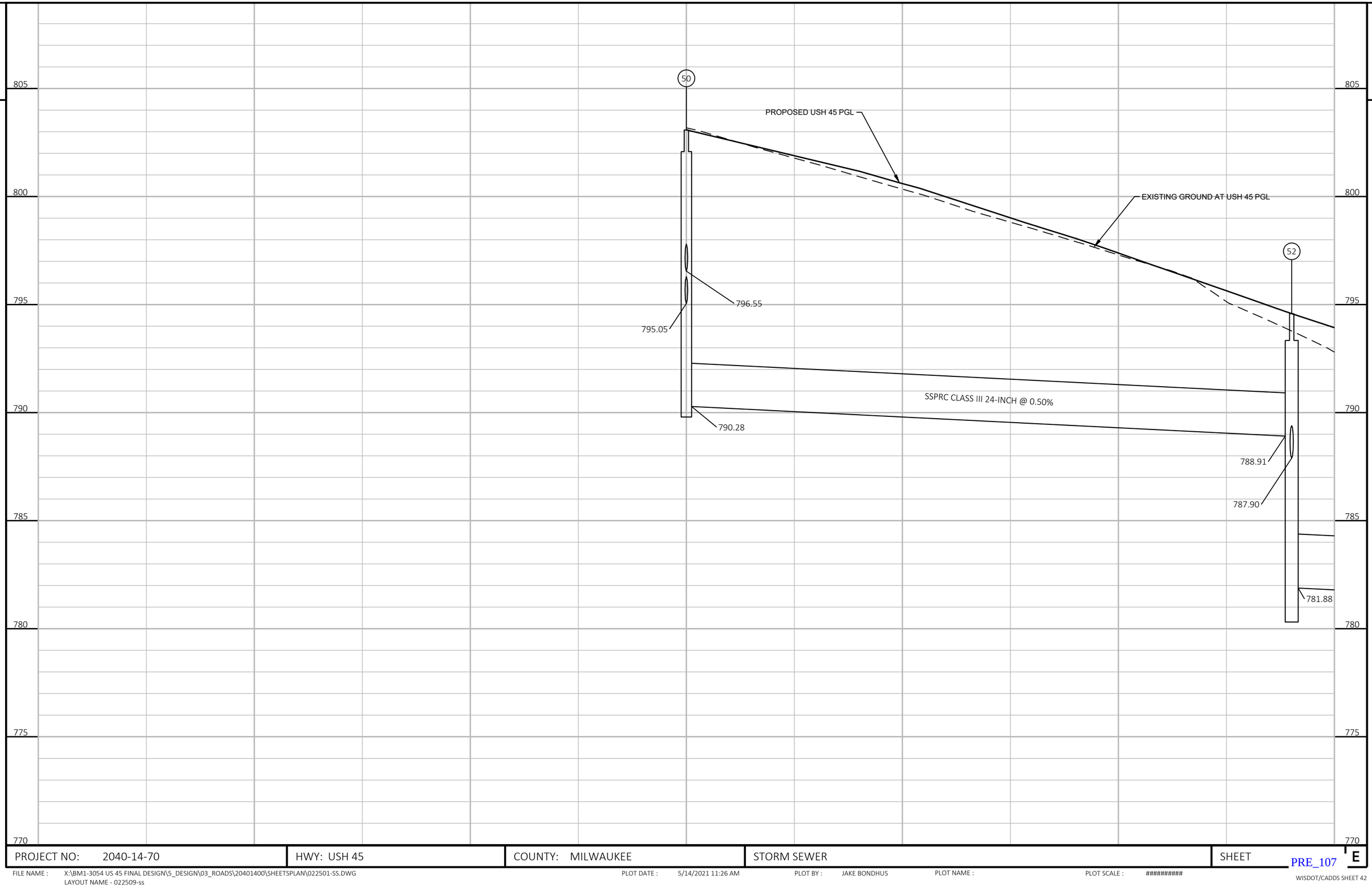
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022508

PLOT DATE : 5/14/2021 11:26 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_106

WISDOT/CADDS SHEET 42



2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_107

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022509-ss
PLOT DATE : 5/14/2021 11:26 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : ##########
WISDOT/CADDS SHEET 42

2

52.1 STA 956+00, 58.9' L
INLETS 2x3-H

52.1 TO 52.2
44 FT SSPRC CLASS III 12-INCH

52.2 STA 956+00, 14.4' L
INLETS 2x3-H

52.2 TO 52
6 FT SSPRC CLASS III 15-INCH

PROPOSED R/W

TLE

EXIST R/W

52 TO 54
201 FT SSPRC CLASS III 30-INCH

54 TO 56
205 FT SSPRC CLASS III 30-INCH

R/L USH 45

54 STA 958+00, 13.0' L
MANHOLES 5-J

USH 45

MATCH LINE STA 956+00

52 STA 956+00, 8.0' L
MANHOLES 5-J

52.3 STA 956+00, 6.1' R
INLETS 2x3-H

52.4 STA 956+00, 14.0' R
INLETS 2x3-H

52.5 STA 956+00, 56.0' R
INLETS 2x3-H

56.1 TO 56.2
15 FT SSPRC CLASS III 12-INCH

STA 959+89, 55.9' L
INLETS 2x3-H 56.1

STA 960+04, 14.0' L
INLETS 2x3-H 56.5

56.4 TO 56.5
15 FT SSPRC CLASS III 12-INCH

STA 959+89, 14.0' L
INLETS 2x3-H 56.4

STA 959+46, 56.0' R
INLETS 4-H 56.7

56.7 TO 56
86 FT SSPRC CLASS III 24-INCH

STA 960+04, 8.5' L
MANHOLES 6-J 56

56.2 STA 960+04, 56.0' L
INLETS 2x3-H

56.3 TO 56.2
15 FT SSPRC CLASS III 12-INCH

56.3 STA 960+19, 55.9' L
INLETS 2x3-H

56.2 TO 56.5
42 FT SSPRC CLASS III 12-INCH

TLE

58.1 TO 58.2
15 FT SSPRC CLASS III 12-INCH

56.6 STA 960+19, 14.0' L
INLETS 2x3-H

STA 961+40, 6.0' L
INLETS 2x3-H 58.1

56 TO 58
151 FT SSPRC CLASS III 36-INCH

960

STA 961+40, 14.5' R
INLETS 2x3-H 58.5

58.5 TO 58.6
15 FT SSPRC CLASS III 12-INCH

56.6 TO 56.5
15 FT SSPRC CLASS III 12-INCH

TLE

56.5 TO 56
5 FT SSPRC CLASS III 18-INCH

STA 961+39, 56.0' R
INLETS 2x3-H 58.8

58.8 TO 58.9
15 FT SSPRC CLASS III 15-INCH

MATCH LINE STA 961+50

N

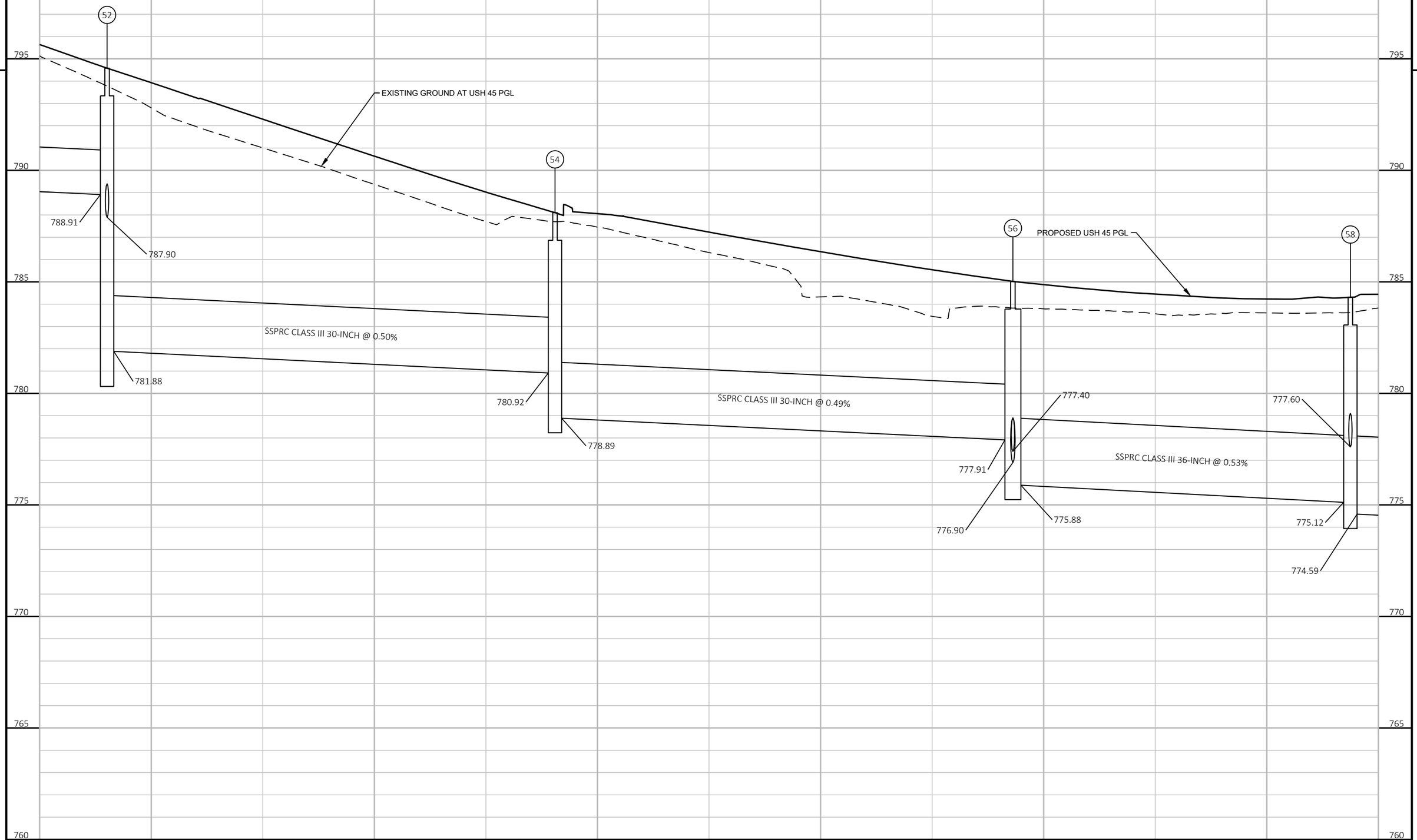
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

PRE_108

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022509

PLOT DATE : 5/14/2021 11:26 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_109

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022510-ss

PLOT DATE : 5/14/2021 11:26 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : ##########

2

N

58 STA 961+55, 13.0' L
MANHOLES 5-J

58.2 TO 58
7 FT SSPRC CLASS III 18-INCH

58.2 STA 961+55, 6.0' L
INLETS 2x3-H

58.3 TO 58.2
15 FT SSPRC CLASS III 12-INCH

58.4 TO 58.2
14 FT SSPRC CLASS III 18-INCH

58.3 STA 961+70, 6.0' L
INLETS 2x3-H

58.4 STA 961+55, 7.5' R
INLETS 2x3-H

62.1 STA 963+50, 55.5' L
INLETS 2x3-H

62.1 TO 62.2
41 FT SSPRC CLASS III 12-INCH

62.2 STA 963+55, 14.5' L
INLETS 2x3-H

62.2 TO 62
7 FT SSPRC CLASS III 15-INCH

EXIST R/W

TLE

EXIST R/W

TLE

58.6 TO 58.4
7 FT SSPRC CLASS III 18-INCH

58 TO 60
121 FT SSPRC CLASS III 42-INCH

58.7 TO 58.6
15 FT SSPRC CLASS III 12-INCH

MATCH LINE STA 961+50

60 STA 962+73, 13.2' R
MANHOLES 6-J

R/L USH 45

USH 45

965

MATCH LINE STA 966+00

62 STA 963+56, 8.0' L
48 x 36 inch Rectangular Structure

58.7 STA 961+70, 14.5' R
INLETS 2x3-H

USH 45

58.6 STA 961+55, 14.5' R
INLETS 2x3-H

WHITNALL EDGE ROAD

62.3 TO 62
22 FT SSPRC CLASS III 15-INCH

EXIST R/W

62.3 STA 963+59, 14.0' R
INLETS 2x3-H

EXIST R/W

R/L WHITNALL EDGE ROAD

TLE

58.9 TO 58.6
41 FT SSPRC CLASS III 18-INCH

TLE

58.9 STA 961+55, 56.0' R
INLETS 2x3-H

58.10 STA 961+70, 56.0' R
INLETS 2x3-H

62.4 TO 62.3
47 FT SSPRC CLASS III 12-INCH

58.10 TO 58.9
15 FT SSPRC CLASS III 12-INCH

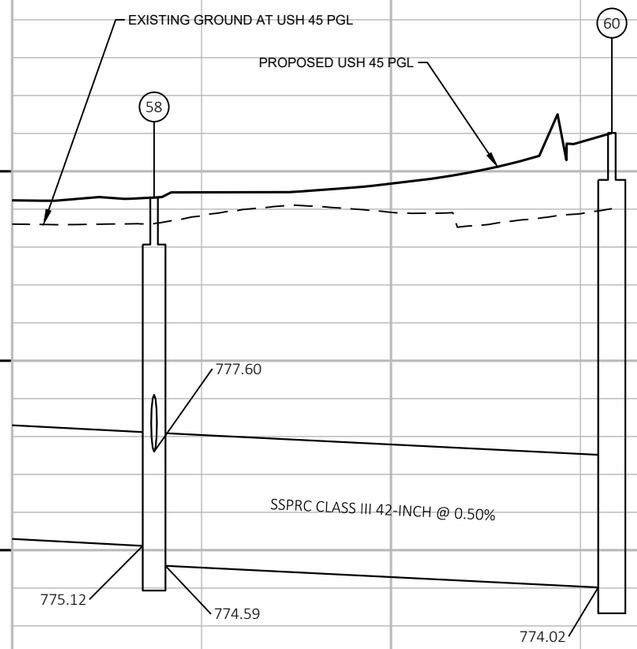
62.4 STA 963+38, 56.0' R
INLETS 2x3-H

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022510

PLOT DATE : 5/14/2021 11:27 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_110



2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER	SHEET E

PRE_111

2

2

64.1 STA 966+50, 56.0' L
INLETS 2x3-H

64.1 TO 64.2
42 FT SSPRC CLASS III 12-INCH

64.2 STA 966+50, 13.7' L
INLETS 2x3-H

END PROJECT
STA 968+80

64.2 TO 64
34 FT SSPRC CLASS III 15-INCH

64.3 TO 64
36 FT SSPRC CLASS III 15-INCH

64.3 STA 966+50, 56.0' R
INLETS 2x3-H

64 STA 966+50, 19.9' R
MANHOLES 7-J-S

REMOVE INLET COVER TYPE H FOR TEMPORARY CROSSOVER.
COVER INLET WITH STEEL PLATE
REINSTALL INLET COVERS AFTER CROSSOVERS REMOVED.

R/L USH 45

R/L VENTURE DRIVE

MATCH LINE STA 966+00

USH 45

USH 45

VENTURE DRIVE

EXIST R/W

TLE

970

SIGN

CANOPY

BLDG

N

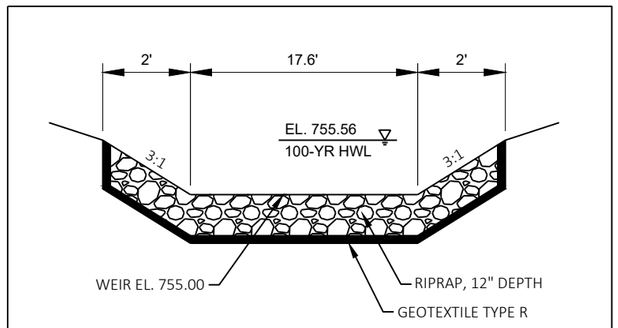
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM SEWER PLAN	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022501-SS.DWG
LAYOUT NAME - 022511

PLOT DATE : 5/14/2021 11:27 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_112

WISDOT/CADDS SHEET 42



SECTION A-A

OVERFLOW WEIR
(NOT TO SCALE)

DRY-BOTTOM DETENTION POND

50-YR STORAGE = 0.95 AC-FT
50-YR HWL = 753.56
100-YR HWL = 755.66
OUTLET ELEV. = 747.55

N

W RAWSON AVE (CTH BB)

PROPOSED R/W

EXIST R/W

246

R/L RAWSON
NW RAMP

MAINTENANCE
ACCESS

RAWSON NW RAMP

760

755

750

748

OUTFALL - 1

STA 918+72, 246.1' L
APRON ENDWALLS FOR CPRC 72-INCH

4:1

STA 918+02, 231.3' L
APRON ENDWALLS FOR CPRC 15-INCH

OUTFALL - 2

36" OUTLET PIPE, 107 LF @ 0.5%
WITH OUTLET CONTROL STRUCTURE
(21" RESTRICTOR)

A

A

50-YR HWL

INV. 747.55

INV. 747.00

42 TO Outfall - 1
203 FT SSPRC CLASS III 36-INCH

44.4 TO Outfall - 2
181 FT SSPRC CLASS III 15-INCH

765

248

EXIST R/W

STA 920+00, 97.0' L
MANHOLES 6-J

42

SS

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	STORM WATER DETENTION POND	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\022502-SS.DWG
LAYOUT NAME - 022512
PLOT DATE : 5/14/2021 11:28 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

							DISCHARGE PIPE				
STRUCT. NO	STATION	OFFSET	C-C (FT)	TO STRUCT.	TYPE	RIM/GRATE ELEV.	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)
10	949+20	6' LT	269.00	12	INLETS 4-H	803.92	24	798.42	796.41	264.58	0.75%
10.1	949+20	56' LT	42.00	10.2	INLETS 2x3-H	803.76	12	799.76	799.55	40.01	0.50%
10.2	949+20	14' LT	8.00	10	INLETS 2x3-H	804.55	12	799.55	799.41	5.02	1.75%
10.3	949+20	7.9' RT	14.00	10	INLETS 2x3-H	805.41	12	799.51	799.42	10.95	0.65%
10.4	949+20	15' RT	7.00	10.3	INLETS 2x3-H	804.36	12	799.76	799.61	5.09	2.12%
10.5	949+20	56' RT	41.00	10.4	INLETS 2x3-H	805.12	12	800.15	799.86	39.01	0.71%
12	946+50	7.8' LT	56.00	14	MANHOLES 5-J	801.91	30	794.20	793.91	50.87	0.52%
12.1	946+35	55.7' LT	15.00	12.2	INLETS 2x3-H	800.38	18	795.88	795.80	12.01	0.53%
12.2	946+50	55.9' LT	48.00	12	INLETS 2x3-H	800.43	24	794.99	794.75	44.62	0.50%
12.3	946+65	55.8' LT	15.00	12.2	INLETS 2x3-H	800.52	18	795.91	795.83	12.01	0.53%
12.4	946+50	1.2' LT	7.00	12	INLETS 2x3-H	801.60	15	796.45	796.33	3.18	1.80%
12.5	946+65	2' LT	15.00	12.4	INLETS 2x3-H	801.59	12	797.59	797.15	11.79	2.98%
12.6	946+50	13' RT	14.00	12.4	INLETS 2x3-H	801.42	12	796.90	796.83	12.09	0.50%
12.7	946+50	56.2' RT	43.00	12.6	INLETS 2x3-H	801.42	12	797.42	797.20	41.20	0.51%
14	945+94	8' LT	68.00	16	MANHOLES 5-C	801.68	30	793.81	793.66	62.87	0.22%
16	945+25	8.6' LT	274.00	18	MANHOLES 6-C	801.69	30	793.36	792.92	268.22	0.16%
16.1	946+10	76.2' LT	37.00	16.2	INLETS 2x3-H	799.81	12	795.81	795.62	35.41	0.51%
16.2	945+72	75.3' LT	52.00	16.3	INLETS 2x3-H	799.63	12	795.62	795.36	48.83	0.50%
16.3	945+22	56' LT	42.00	16.4	INLETS 2x3-H	800.45	24	794.36	794.15	40.06	0.50%
16.4	945+20	14' LT	8.00	16	INLETS 2x3-H	801.76	24	794.15	794.10	3.25	0.64%
16.5	945+25	7.9' RT	17.00	16	INLETS 2x3-H	801.67	18	794.77	794.59	12.52	1.09%
16.6	945+10	14.2' RT	15.00	16.7	INLETS 2x3-H	800.17	12	796.17	796.04	12.49	0.84%
16.7	945+25	14.2' RT	6.00	16.5	INLETS 2x3-H	800.15	18	794.90	794.84	4.29	0.96%
16.8	945+40	14.1' RT	15.00	16.7	INLETS 2x3-H	800.15	12	796.15	796.04	12.17	0.72%
16.9	945+10	56.2' RT	15.00	16.10	INLETS 2x3-H	800.77	12	796.77	796.58	12.45	1.23%
16.10	945+25	56.1' RT	42.00	16.7	INLETS 2x3-H	800.88	12	795.98	795.50	39.95	1.14%
16.11	945+40	56.5' RT	15.00	16.10	INLETS 2x3-H	800.88	12	796.88	796.53	12.15	2.31%
18	942+50	7.9' LT	280.00	20	MANHOLES 6-J	803.94	30	792.82	792.27	273.77	0.20%

							DISCHARGE PIPE				
STRUCT. NO	STATION	OFFSET	C-C (FT)	TO STRUCT.	TYPE	RIM/GRATE ELEV.	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)
18.1	942+50	55.9' LT	42.00	18.2	INLETS 2x3-H	802.59	12	798.09	797.75	39.92	0.81%
18.2	942+50	14' LT	6.00	18	INLETS 2x3-H	803.38	15	797.40	797.37	2.12	0.49%
18.3	942+50	11.6' RT	19.00	18	INLETS 2x3-H	803.47	15	798.39	798.29	15.48	0.51%
18.4	942+50	56.1' RT	45.00	18.3	INLETS 2x3-H	803.47	12	798.97	798.74	42.52	0.52%
20	939+70	8' LT	270.00	22	MANHOLES 6-J	805.74	36	791.77	791.51	264.00	0.10%
20.1	940+62	76.6' LT	59.00	20.2	INLETS 4-H	804.93	12	800.40	799.84	55.72	0.95%
20.2	940+04	76.2' LT	40.00	20.3	INLETS 2x3-H	804.89	12	799.74	799.54	36.84	0.50%
20.3	939+69	55.9' LT	43.00	20.4	INLETS 2x3-H	805.23	12	799.44	799.22	41.24	0.51%
20.4	939+66	12.8' LT	6.00	20	INLETS 2x3-H	806.00	15	798.87	798.81	1.48	0.93%
20.5	939+70	0.1' LT	8.00	20	INLETS 2x3-H	806.27	15	799.09	798.93	3.80	2.05%
20.6	939+70	55.9' RT	56.00	20.5	INLETS 2x3-H	805.07	12	801.07	799.84	53.99	2.20%
22	937+00	8' LT	265.00	24	MANHOLES 6-J	804.25	36	791.41	791.02	259.27	0.15%
22.1	937+00	56' LT	42.00	22.2	INLETS 2x3-H	804.18	12	799.60	798.96	40.04	1.52%
22.2	937+00	14' LT	6.00	22	INLETS 2x3-H	804.50	15	798.61	798.55	2.03	1.00%
22.3	937+00	14' RT	22.00	22	INLETS 2x3-H	804.27	15	798.45	798.31	18.01	0.64%
22.4	937+00	56' RT	42.00	22.3	INLETS 2x3-H	803.95	12	799.45	799.03	40.04	1.00%
24	934+35	8' LT	110.00	26	MANHOLES 6-J	801.66	36	790.92	790.76	103.94	0.15%
24.1	934+35	56' LT	48.00	24	INLETS 2x3-H	801.26	15	796.25	795.77	44.00	1.00%
24.2	934+35	1.5' LT	7.00	24	INLETS 2x3-H	801.66	18	795.89	795.82	2.54	1.07%
24.3	934+35	13.5' RT	15.00	24.2	INLETS 2x3-H	802.37	12	796.54	796.39	12.98	1.00%
24.4	934+35	56' RT	42.00	24.3	INLETS 2x3-H	802.16	12	797.07	796.64	40.48	1.01%
24.5	934+30	75.5' RT	20.00	24.4	INLETS 4-H	803.69	12	797.76	797.16	16.96	3.01%
26	933+25	8' LT	275.00	28	MANHOLES 6-J	801.18	36	789.86	789.46	268.81	0.15%
26.1	933+57	105' RT	24.00	26.2	INLETS 4-H	802.41	12	798.41	797.68	20.66	3.03%
26.2	933+50	82' RT	29.00	26.3	INLETS 3-Z	802.03	12	797.56	796.69	26.24	3.02%
26.3	933+40	55' RT	55.00	26.4	INLETS 2x2.5-BW	801.56	12	796.34	796.05	52.93	0.53%
26.4	933+30	1' RT	10.00	26	INLETS 2x3-H	801.27	15	795.70	795.59	6.23	1.07%
28	930+50	8' LT	225.00	30	MANHOLES 6-J	798.51	36	789.16	788.77	219.01	0.17%

							DISCHARGE PIPE				
STRUCT. NO	STATION	OFFSET	C-C (FT)	TO STRUCT.	TYPE	RIM/GRATE ELEV.	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)
28.1	930+50	56' LT	42.00	28.2	INLETS 2x3-H	796.98	12	792.48	792.06	39.96	1.00%
28.2	930+50	14' LT	6.00	28	INLETS 2x3-H	797.31	15	791.62	791.55	2.06	1.16%
28.3	930+50	7.4' RT	15.00	28	INLETS 2x3-H	799.71	18	793.24	793.09	11.41	0.97%
28.4	930+50	55' RT	48.00	28.3	INLETS 2x2.5-BW	799.56	15	794.21	793.86	45.61	0.74%
28.5	930+50	63.8' RT	9.00	28.4	INLETS 2x2.5-BW	800.22	12	795.09	794.96	6.85	1.47%
28.6	930+50	82' RT	18.00	28.5	INLETS 3-Z	800.53	12	796.03	795.66	15.70	2.04%
30.0	928+25	8' LT	210.00	32	MANHOLES 6-J	795.50	36	784.39	783.87	204.01	0.25%
30.1	928+25	57.6' LT	44.00	30.2	INLETS 2x3-H	794.50	12	790.00	789.55	41.57	1.03%
30.2	928+25	14' LT	6.00	30	INLETS 2x3-H	794.25	15	788.72	788.69	1.97	0.50%
30.3	928+25	14' RT	22.00	30	INLETS 2x3-H	796.84	15	790.45	790.25	18.00	0.91%
30.4	928+25	55' RT	41.00	30.3	INLETS 2x2.5-BW	796.55	12	791.55	790.80	39.05	1.83%
30.5	928+25	63.8' RT	9.00	30.4	INLETS 2x2.5-BW	799.20	12	792.67	792.55	6.81	1.36%
30.6	928+25	82' RT	18.00	30.5	INLETS 3-Z	799.72	12	794.89	794.45	15.75	2.41%
32	926+15	8' LT	216.00	34	MANHOLES 6-J	792.00	36	780.39	779.75	209.71	0.30%
32.1	926+15	88' LT	24.00	32.2	INLETS 2x3-H	790.80	12	786.80	786.56	22.01	1.00%
32.2	926+15	64' LT	8.00	32.3	INLETS 2x3-H	790.75	12	786.38	786.33	6.02	0.63%
32.3	926+15	56' LT	42.00	32.4	INLETS 2x3-H	793.00	12	786.26	785.77	40.01	1.17%
32.4	926+15	14' LT	6.00	32	INLETS 2x3-H	791.20	15	785.25	785.15	2.04	1.66%
32.5	926+15	14' RT	22.00	32	INLETS 2x3-H	792.34	15	786.00	785.75	18.00	1.14%
32.6	926+15	55' RT	41.00	32.5	INLETS 2x2.5-BW	791.51	15	786.85	786.60	39.03	0.61%
32.7	926+15	63.8' RT	9.00	32.6	INLETS 2x2.5-BW	793.71	12	787.63	787.50	6.84	1.47%
32.8	926+15	82' RT	18.00	32.7	INLETS 3-Z	794.02	12	789.52	789.15	15.72	2.03%
34	924+00	8' LT	80.00	36	MANHOLES 6-J	786.75	36	778.30	778.03	73.94	0.34%
34.1	924+35	88' LT	43.00	34.2	INLETS 2x3-H	789.00	12	784.50	783.87	39.43	1.46%
34.2	924+00	64' LT	8.00	34.3	INLETS 2x3-H	789.20	12	783.20	783.12	5.97	1.01%
34.3	924+00	56' LT	48.00	34	INLETS 2x3-H	788.50	12	782.72	782.24	44.01	1.00%
34.4	924+00	1' LT	7.00	34	INLETS 2x3-H	786.50	18	779.98	779.94	2.97	0.57%
34.5	924+00	11' RT	12.00	34.4	INLETS 2x3-H	787.89	15	780.35	780.28	9.97	0.58%

							DISCHARGE PIPE				
STRUCT. NO	STATION	OFFSET	C-C (FT)	TO STRUCT.	TYPE	RIM/GRATE ELEV.	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)
34.6	924+00	55' RT	44.00	34.5	INLETS 2x2.5-BW	786.04	12	781.08	780.66	41.92	0.96%
34.7	924+00	64.2' RT	9.00	34.6	INLETS 2x2.5-BW	785.86	12	781.35	781.26	7.23	0.98%
34.8	924+00	82.2' RT	18.00	34.7	INLETS 3-Z	786.15	12	781.71	781.49	15.51	1.22%
36	923+20	6' LT	111.00	38	MANHOLES 6-J	786.03	36	774.86	774.12	104.76	0.67%
36.1	923+65	130.5' RT	37.00	36.2	INLETS 4-H	785.78	12	780.98	780.51	32.97	1.26%
36.2	923+25	131.5' RT	66.00	36.3	INLETS 4-H	784.51	24	778.41	778.08	62.15	0.50%
36.3	923+19	65.6' RT	72.00	36	INLETS 4-HM	784.24	24	777.49	777.06	66.64	0.60%
38	922+10	8' LT	186.00	40	MANHOLES 6-J	783.92	36	774.02	772.71	180.30	0.70%
40	920+25	14' LT	87.00	42	MANHOLES 6-C	779.96	36	770.61	769.96	83.93	0.75%
40.1	920+25	56' RT	42.00	40.2	INLETS 2x3-HM	778.56	12	774.56	773.84	40.03	1.71%
40.2	920+25	14' RT	28.00	40	INLETS 2x3-HM	779.96	15	773.16	772.76	24.02	1.43%
42	920+00	97' LT	203.00	Outfall - 1	MANHOLES 6-J	781.00	36	749.87	748.00	204.09	0.92%
44.1	916+03	65.6' RT	51.00	44.2	INLETS 2x3-HM	775.09	12	769.50	769.00	47.53	0.99%
44.2	916+03	15' RT	143.00	44.3	INLETS 4-HM	776.79	12	768.90	767.40	138.53	1.05%
44.3	917+43	14.3' LT	47.00	44.4	INLETS 4-HM	777.39	15	767.00	766.50	45.18	1.06%
44.4	917+43	61.5' LT	181.00	Outfall - 2	INLETS 2x3-HM	777.70	15	749.20	748.00	181.68	0.66%
50	953+20	7.5' LT	280.00	52	INLETS 4-H	803.08	24	790.30	788.90	275.73	0.50%
50.1	953+20	68' LT	54.00	50.2	INLETS 2x3-H	802.24	12	796.50	795.90	51.59	1.12%
50.2	953+20	14.5' LT	7.00	50	INLETS 2x3-H	802.98	15	795.15	795.05	4.01	1.52%
50.3	953+20	6' RT	13.00	50	INLETS 2x3-H	803.30	15	796.70	796.55	10.50	1.12%
50.4	953+20	14' RT	8.00	50.3	INLETS 2x3-H	803.67	12	797.60	797.45	6.01	1.88%
50.5	953+20	56' RT	42.00	50.4	INLETS 2x3-H	804.20	12	799.00	798.60	40.03	0.97%
52	956+00	8' LT	201.00	54	MANHOLES 5-J	794.58	30	781.90	780.90	195.79	0.50%
52.1	956+00	58.9' LT	44.00	52.2	INLETS 2x3-H	795.60	12	789.86	789.45	41.00	1.00%
52.2	956+00	14.4' LT	6.00	52	INLETS 2x3-H	794.76	15	787.70	787.66	4.00	1.00%
52.3	956+00	6.1' RT	14.00	52	INLETS 2x3-H	794.82	18	788.00	787.90	10.63	0.71%
52.4	956+00	14' RT	8.00	52.3	INLETS 2x3-H	796.17	15	788.85	788.80	5.00	1.00%
52.5	956+00	56' RT	42.00	52.4	INLETS 2x3-H	795.37	15	789.60	789.35	39.97	0.60%

2

							DISCHARGE PIPE				
STRUCT. NO	STATION	OFFSET	C-C (FT)	TO STRUCT.	TYPE	RIM/GRATE ELEV.	SIZE (IN)	INLET ELEV.	DISCHARGE ELEV.	LENGTH (FT)	SLOPE (%)
52.6	955+21	56' RT	77.00	52.5	INLETS 2x3-H	798.33	15	790.00	789.60	74.13	0.52%
54	958+00	13' LT	205.00	56	MANHOLES 5-J	788.10	30	778.90	777.90	199.73	0.49%
56	960+04	8.5' LT	151.00	58	MANHOLES 6-J	785.02	36	775.90	775.10	145.79	0.53%
56.1	959+89	55.9' LT	15.00	56.2	INLETS 2x3-H	785.16	12	779.70	779.50	12.02	1.37%
56.2	960+04	56' LT	42.00	56.5	INLETS 2x3-H	785.00	12	779.00	778.50	40.02	1.18%
56.3	960+19	55.9' LT	15.00	56.2	INLETS 2x3-H	784.88	12	779.60	779.50	12.01	0.71%
56.4	959+89	14' LT	15.00	56.5	INLETS 2x3-H	784.36	12	778.69	778.50	12.02	1.31%
56.5	960+04	14' LT	5.00	56	INLETS 2x3-H	784.20	18	777.50	777.40	1.50	1.87%
56.6	960+19	14' LT	15.00	56.5	INLETS 2x3-H	784.07	12	778.60	778.50	12.01	0.64%
56.7	959+46	56' RT	86.00	56	INLETS 4-H	785.35	24	777.80	776.90	81.51	1.04%
58	961+55	13' LT	121.00	60	MANHOLES 5-J	784.31	42	774.60	774.00	115.35	0.50%
58.1	961+40	6' LT	15.00	58.2	INLETS 2x3-H	784.38	12	778.90	778.70	11.90	1.38%
58.2	961+55	6' LT	7.00	58	INLETS 2x3-H	784.38	18	777.70	777.60	3.48	1.37%
58.3	961+70	6' LT	15.00	58.2	INLETS 2x3-H	784.39	12	778.90	778.70	12.07	1.37%
58.4	961+55	7.5' RT	14.00	58.2	INLETS 2x3-H	785.45	18	777.80	777.70	11.56	0.79%
58.5	961+40	14.5' RT	15.00	58.6	INLETS 2x3-H	786.54	12	778.60	778.45	12.01	0.97%
58.6	961+55	14.5' RT	7.00	58.4	INLETS 2x3-H	786.45	18	777.85	777.80	5.01	0.71%
58.7	961+70	14.5' RT	15.00	58.6	INLETS 2x3-H	786.37	12	778.75	778.45	12.03	1.97%
58.8	961+39	56' RT	15.00	58.9	INLETS 2x3-H	783.55	15	778.63	778.55	12.01	0.54%
58.9	961+55	56' RT	41.00	58.6	INLETS 2x3-H	783.53	18	778.00	777.85	39.49	0.36%
58.10	961+70	56' RT	15.00	58.9	INLETS 2x3-H	783.54	12	778.90	778.80	12.01	0.64%

2

LEGEND

- CONTROL CABINET
- (XX) SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-55' ARM
- B PEDESTRIAN HEAD WITH PUSH BUTTON
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- VX VIDEO DETECTION CAMERA
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR

LEGEND

- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT WITH 12" PULLBOX
- R RED ARROW
- R Y YELLOW ARROW
- G GREEN ARROW
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- Y YIELD SIGN
- S STOP SIGN
- LANE DESIGNATION FOR INFO ONLY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

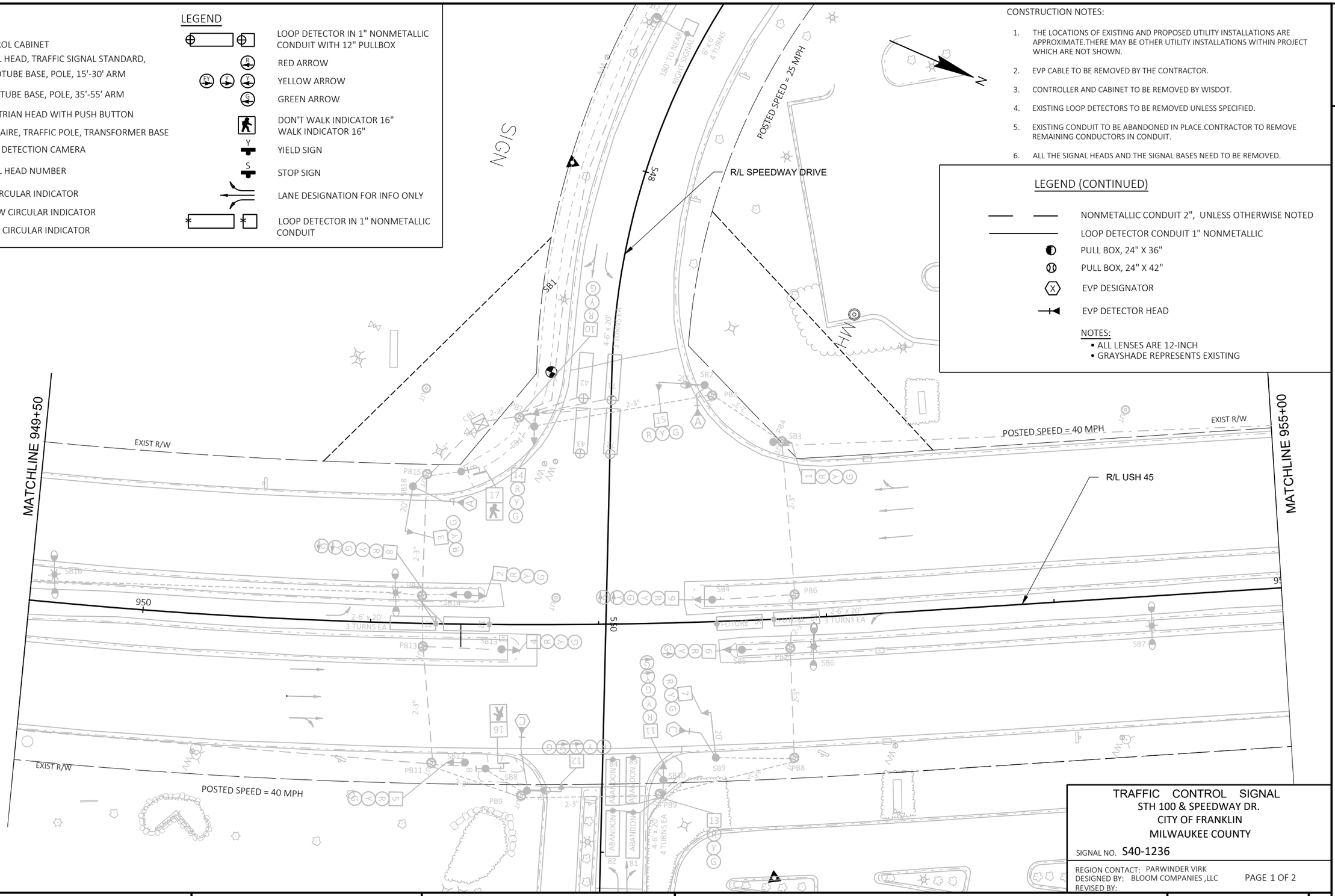
CONSTRUCTION NOTES:

1. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS ARE APPROXIMATE.THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN PROJECT WHICH ARE NOT SHOWN.
2. EVP CABLE TO BE REMOVED BY THE CONTRACTOR.
3. CONTROLLER AND CABINET TO BE REMOVED BY WISDOT.
4. EXISTING LOOP DETECTORS TO BE REMOVED UNLESS SPECIFIED.
5. EXISTING CONDUIT TO BE ABANDONED IN PLACE.CONTRACTOR TO REMOVE REMAINING CONDUCTORS IN CONDUIT.
6. ALL THE SIGNAL HEADS AND THE SIGNAL BASES NEED TO BE REMOVED.

LEGEND (CONTINUED)

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

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



TRAFFIC CONTROL SIGNAL
STH 100 & SPEEDWAY DR.
CITY OF FRANKLIN
MILWAUKEE COUNTY

SIGNAL NO. S40-1236

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES ,LLC
REVISED BY:

PAGE 1 OF 2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL	SHEET E

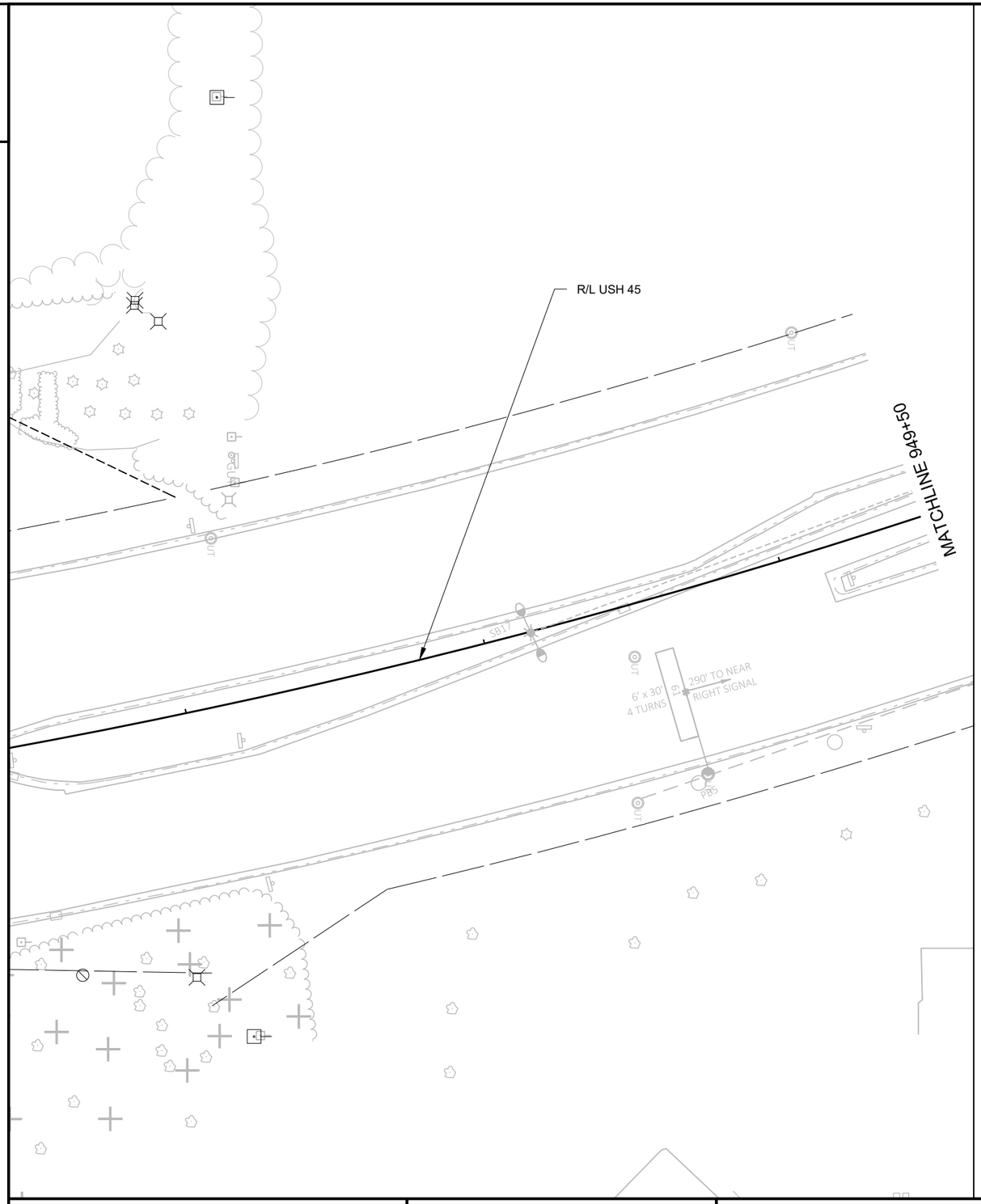
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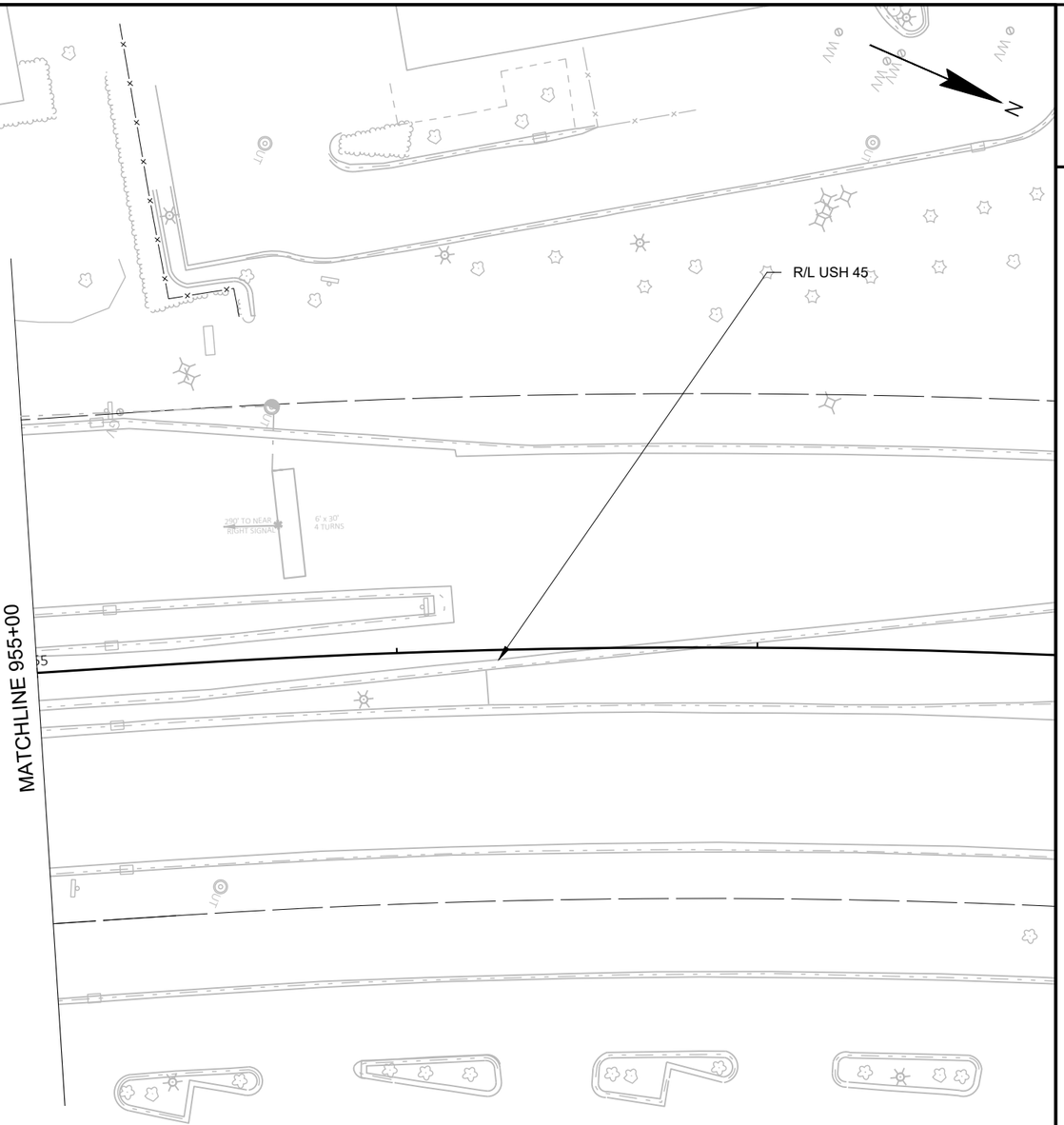
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LAYOUT NAME - 024001

PLOT DATE : 5/14/2021 8:06 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2





2

TRAFFIC CONTROL SIGNAL
STH 100 & SPEEDWAY DR.
CITY OF FRANKLIN
MILWAUKEE COUNTY

SIGNAL NO. S40-1236

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES,LLC
REVISED BY:

PAGE 2 OF 2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC SIGNAL REMOVAL	SHEET E

PRE_118

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024001-SR.DWG
LAYOUT NAME - 024002

PLOT DATE : 5/14/2021 8:06 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

LEGEND

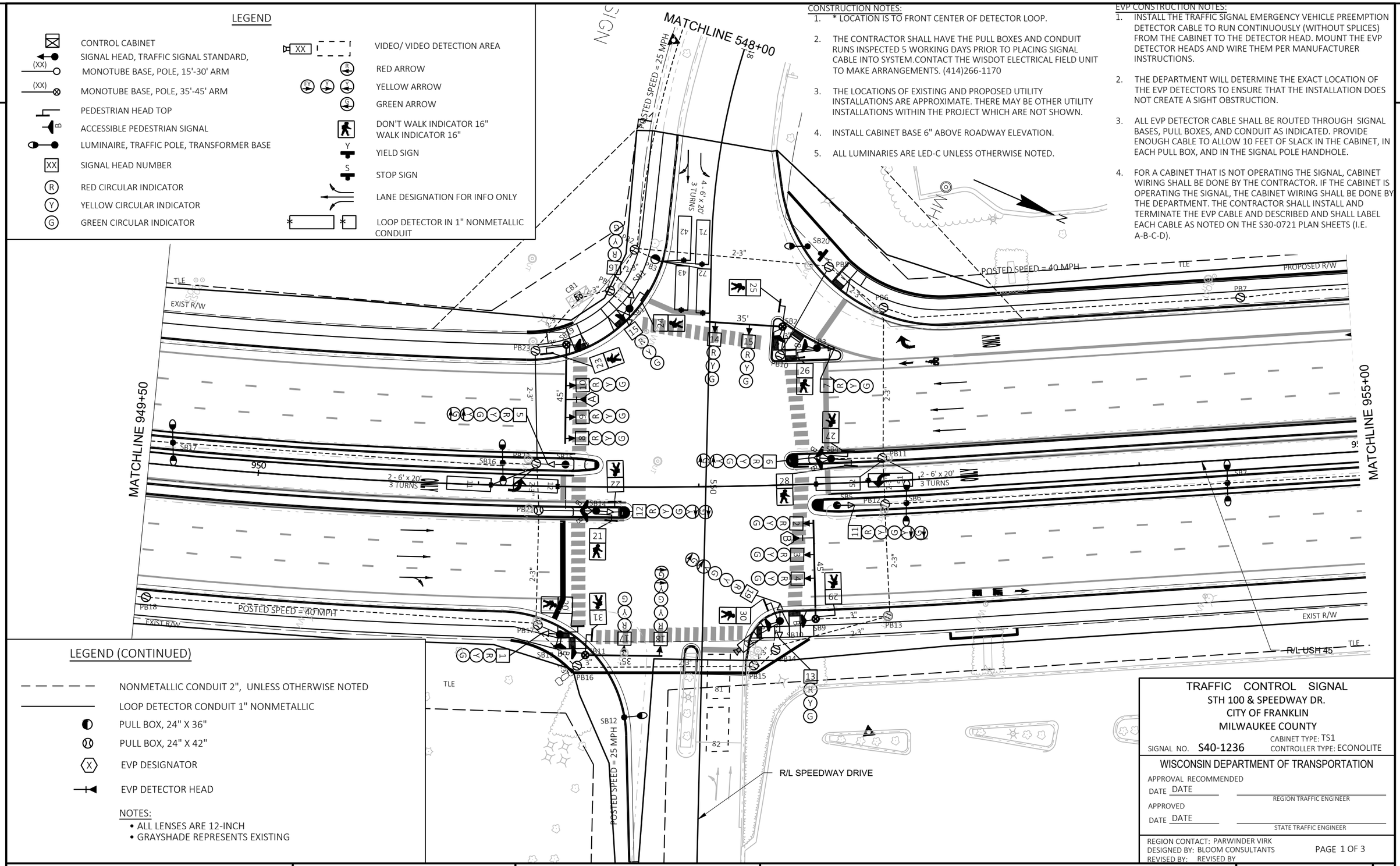
- CONTROL CABINET
- SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, (XX) MONOTUBE BASE, POLE, 15'-30' ARM
- (XX) MONOTUBE BASE, POLE, 35'-45' ARM
- PEDESTRIAN HEAD TOP
- ACCESSIBLE PEDESTRIAN SIGNAL
- LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE
- XX SIGNAL HEAD NUMBER
- R RED CIRCULAR INDICATOR
- Y YELLOW CIRCULAR INDICATOR
- G GREEN CIRCULAR INDICATOR
- XX VIDEO/ VIDEO DETECTION AREA
- RED ARROW
- YELLOW ARROW
- GREEN ARROW
- DON'T WALK INDICATOR 16" / WALK INDICATOR 16"
- Y YIELD SIGN
- S STOP SIGN
- LANE DESIGNATION FOR INFO ONLY
- LOOP DETECTOR IN 1" NONMETALLIC CONDUIT

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 LUMINARIES ARE LED-C UNLESS OTHERWISE NOTED.

EVP CONSTRUCTION NOTES:

1. INSTALL THE TRAFFIC SIGNAL EMERGENCY VEHICLE PREEMPTION DETECTOR CABLE TO RUN CONTINUOUSLY (WITHOUT SPLICES) FROM THE CABINET TO THE DETECTOR HEAD. MOUNT THE EVP DETECTOR HEADS AND WIRE THEM PER MANUFACTURER INSTRUCTIONS.
2. THE DEPARTMENT WILL DETERMINE THE EXACT LOCATION OF THE EVP DETECTORS TO ENSURE THAT THE INSTALLATION DOES NOT CREATE A SIGHT OBSTRUCTION.
3. ALL EVP DETECTOR CABLE SHALL BE ROUTED THROUGH SIGNAL BASES, PULL BOXES, AND CONDUIT AS INDICATED. PROVIDE ENOUGH CABLE TO ALLOW 10 FEET OF SLACK IN THE CABINET, IN EACH PULL BOX, AND IN THE SIGNAL POLE HANDHOLE.
4. FOR A CABINET THAT IS NOT OPERATING THE SIGNAL, CABINET WIRING SHALL BE DONE BY THE CONTRACTOR. IF THE CABINET IS OPERATING THE SIGNAL, THE CABINET WIRING SHALL BE DONE BY THE DEPARTMENT. THE CONTRACTOR SHALL INSTALL AND TERMINATE THE EVP CABLE AND DESCRIBED AND SHALL LABEL EACH CABLE AS NOTED ON THE S30-0721 PLAN SHEETS (I.E. A-B-C-D).



LEGEND (CONTINUED)

- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- LOOP DETECTOR CONDUIT 1" NONMETALLIC
- PULL BOX, 24" X 36"
- PULL BOX, 24" X 42"
- X EVP DESIGNATOR
- EVP DETECTOR HEAD

NOTES:

- ALL LENSES ARE 12-INCH
- GRAYSHADE REPRESENTS EXISTING

TRAFFIC CONTROL SIGNAL

STH 100 & SPEEDWAY DR.
CITY OF FRANKLIN
MILWAUKEE COUNTY

SIGNAL NO. S40-1236
CABINET TYPE: TS1
CONTROLLER TYPE: ECONOLITE

WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVAL RECOMMENDED
DATE DATE _____ REGION TRAFFIC ENGINEER

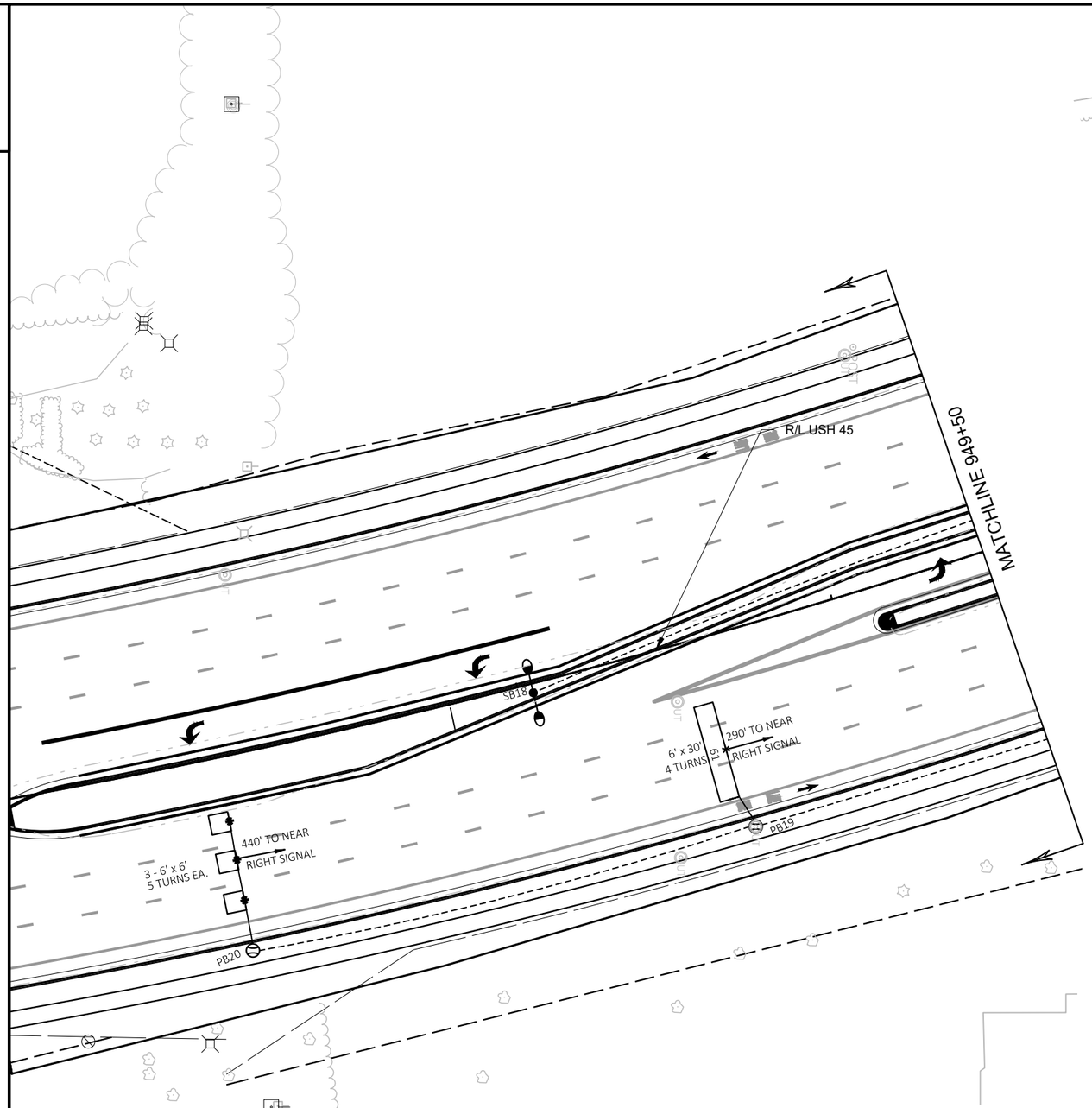
APPROVED
DATE DATE _____ STATE TRAFFIC ENGINEER

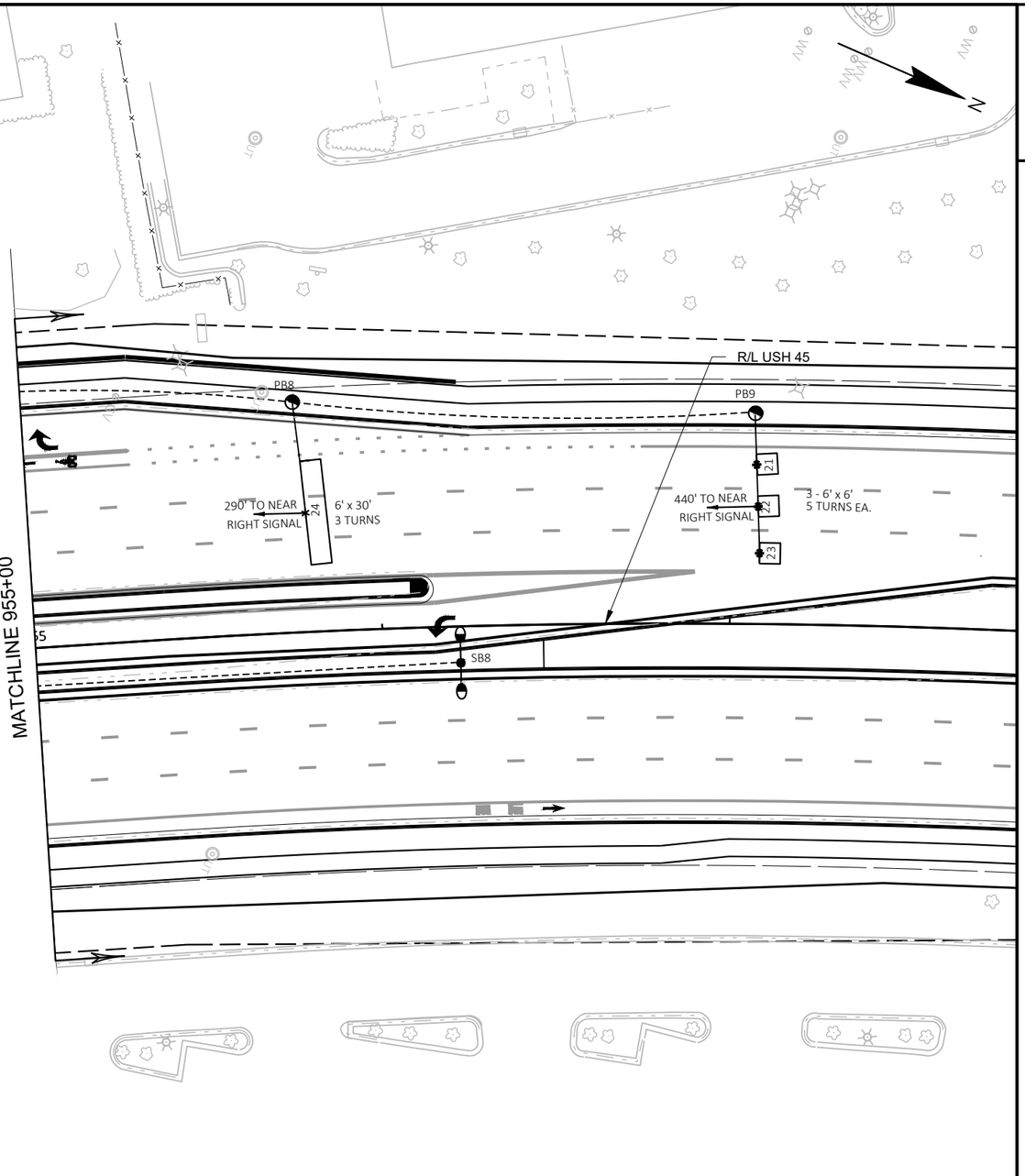
REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM CONSULTANTS
REVISED BY: REVISED BY

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET PRE_119 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024201
PLOT DATE : 5/14/2021 8:07 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

2





TRAFFIC CONTROL SIGNAL
USH 45/ STH100 & SPEEDWAY DRIVE
FRANKLIN/VILLAGE OF HALES CORNERS
MILWAUKEE

SIGNAL NO. S40-1236

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES,LLC
REVISED BY:

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET E

PRE_120

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024202

PLOT DATE : 5/14/2021 8:07 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

W

INL

INL

MH

W

546

R/L SPEEDWAY DR

INL

6' x 6'
3 TURNS

PB4

180' TO NEAR
RIGHT SIGNAL

MATCHLINE 548+00

TRAFFIC CONTROL SIGNAL
USH 45/ STH100 & SPEEDWAY DRIVE
FRANKLIN/VILLAGE OF HALES CORNERS
MILWAUKEE

SIGNAL NO. S40-1236

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES,LLC
REVISED BY:

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC SIGNAL PLAN	SHEET E

PRE_121

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024203

PLOT DATE : 5/14/2021 8:07 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : ##########

WISDOT/CADDS SHEET 42

DETECTOR LOGIC

DETECTOR INPUT	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR #(S)	11,12	22	24	61	81,82			
PHASE CALLED	1	2	2	6	8			
PHASE EXTENDED	1	2	2	6	8			
DISCONNECT TIME								
CALLING DELAY						(X=3")		
EXTENSION STRETCH	X	X	X	X	X			
LOOP FUNCTION								

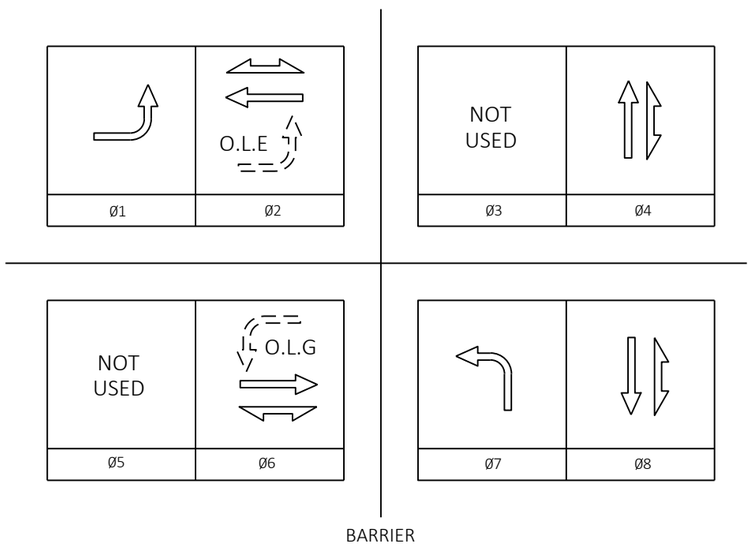
DETECTOR INPUT	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR #(S)								
PHASE CALLED								
PHASE EXTENDED								
DISCONNECT TIME								
CALLING DELAY								
EXTENSION STRETCH								
LOOP FUNCTION								

DETECTOR INPUT	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR #(S)	21	23	51,52	71,72				
PHASE CALLED	2	2	2	7				
PHASE EXTENDED	2	2	2	7				
DISCONNECT TIME								
CALLING DELAY			(X=10")			(X=3")		
EXTENSION STRETCH	X	X	X	X				
LOOP FUNCTION								

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

	HEAD NUMBERS	FLASH
Ø1	5,6	
Ø2	7,8,9,10,11,12	Y
Ø4	16,17,18,19	Y
Ø6	1,2,3,4,5,6	Y
Ø7	18,19	
Ø8	13,14,15	R
Ø6 PED	25,24,30,31	
Ø8 PED	20,21,22,23, 26,27,28,29	





CONTROLLER LOGIC

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

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

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

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

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

TRAFFIC CONTROL SIGNAL
USH 45/ STH100 & SPEEDWAY DRIVE
FRANKLIN/VILLAGE OF HALES CORNERS
MILWAUKEE

SIGNAL NO. S40-1236

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES,LLC
REVISED BY:

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	SEQUENCE OF OPERATIONS	SHEET PRE_122 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024201-SP.DWG
LAYOUT NAME - 024204
PLOT DATE : 5/14/2021 8:07 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:50 FT
WISDOT/CADDS SHEET 42

USH 45/STH 100
FIBER OPTIC INTERCONNECT
COMMUNICATIONS OVERVIEW

N

LEGEND

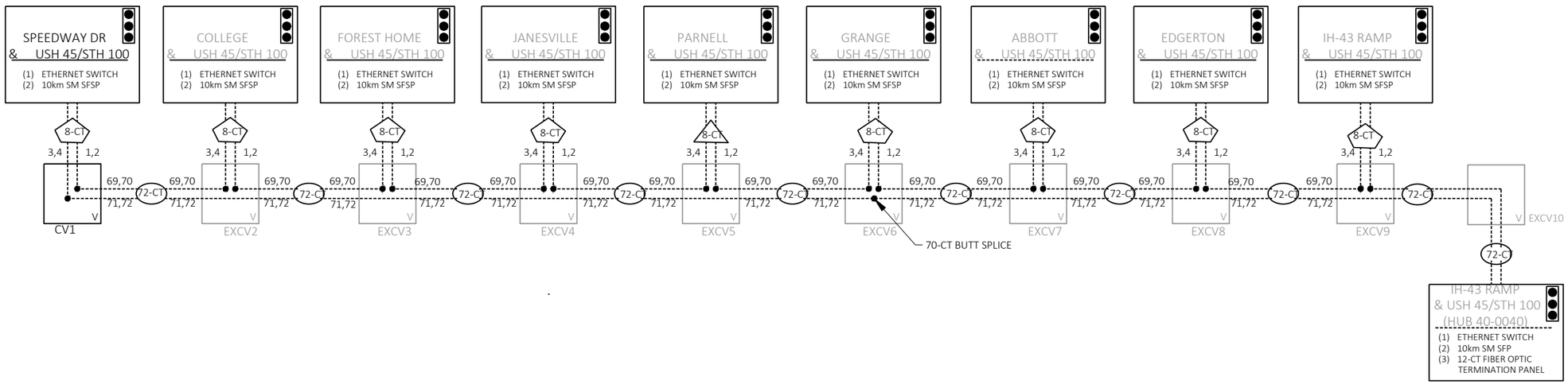
- FIBER PAIR
- FIBER OPTIC CABLE
- FACTORY TERMINATED FIBER OPTIC CABLE (200FT)-SM
- FACTORY TERMINATED FIBER OPTIC CABLE (400FT)-SM
- FIELD SPLICE LOCATION (FIBER PAIR)
- X,X FIBER PAIR DESIGNATION
- V COMMUNICATION SPLICE VAULT / PULL BOX

NOTES

SM = SINGLE MODE FIBER OPTIC

SFP = SMALL FORM-FACTOR PLUGGABLE

GREYSHADE REPRESENTS EXISTING,UNLESS OTHERWISE NOTED.



TRAFFIC CONTROL INTERCONNECT
USH 45/ STH100
CITY OF FRANKLIN, VILLAGE OF HALES CORNERS
MILWAUKEE

SIGNAL NO. S40-1236

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES, LLC
REVISED BY:

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	INTERCONNECT COMMUNICATIONS OVERVIEW	SHEET PRE_123 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024401-CR.DWG
LAYOUT NAME - 024401

PLOT DATE : 5/14/2021 8:07 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:50 FT

2

FIBRE OPTIC SPLICE ENCLOSURE

8 CT FIBRE OPTIC WIRE 200 FT WITH TRACER WIRE

START THE COMMUNICATION CABLE AT SPEEDWAY TRAFFIC SIGNAL CABINET

R/L SPEEDWAY DR

INSTALL 3 - 2" HOPE AND FIBRE OPTIC CABLE OUTDOOR PLANT 72-CT W/ TRACER WIRE

ICPB1 ICPB2 ICPB3 ICPB4 ICPB5 ICPB6 ICPB7

R/L USH 45

290' TO NEAR RIGHT SIGNAL

6' x 30' 3 TURNS

2 - 6' x 20' 3 TURNS

3 - 6' x 6' 5 TURNS EA.

440' TO NEAR RIGHT SIGNAL

MATCHLINE STA 956+00

MATCHLINE STA 962+00

INSTALL 3 - 2" HOPE AND FIBRE OPTIC CABLE OUTDOOR PLANT 72-CT W/ TRACER WIRE

R/L USH 45

LEGEND

- CONTROL CABINET
- NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED
- PULL BOX, 24" X 42"
- V COMMUNICATION VAULT

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL HAVE THE PULL BOXES AND CONDUIT RUNS INSPECTED. CONTACT WISDOT ELECTRICAL UNIT AT 414-266-1170 TO MAKE ARRANGEMENTS.5 WORKING DAYS PRIOR TO PLACING INTERCONNECT CABLE INTO SYSTEM.
2. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATION ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS ARE NOT SHOWN WITHIN THE PROJECT WHICH.
3. LEAVE 100-FEET OF FIBER OPTIC INTERCONNECT PIGTAIL COILED IN EACH COMMUNICATIONS VAULT AND 30-FEET IN EACH PULL BOX.
4. THE ENTIRE MAINLINE FIBER OPTIC CABLE SHALL NOT BE CUT AND/OR SPLICED IN THE VAULTS NEAREST THE TRAFFIC SIGNAL CABINET WHILE MAKING THE PIGTAIL CONNECTION. ONLY THE REQUIRED BUFFER TUBE SHALL BE CUT AND SPLICED WITH THE PIGTAIL CONNECTION.
5. INCIDENTAL 12AWG PULL WIRE TO BE INSTALLED AS FIBER OPTIC TRACER WIRE IN INTERCONNECT CONDUIT.
6. PROPOSED PAVEMENT MARKING, PROPOSED TRAFFIC SIGNALS, AND STORM SEWER SHOWN GRAYSHADED FOR PLAN CLARITY.

TRAFFIC CONTROL INTERCONNECT
USH 45/STH 100
VILLAGE OF HALES CORNERS , CITY OF FRANKLIN
MILWAUKEE

SIGNAL NO. S40-1236,S40-1446

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES , LLC
REVISED BY:

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET E

PRE_124

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024402-INTER.DWG
LAYOUT NAME - 024402
PLOT DATE : 5/14/2021 8:08 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

2

2

N

MATCHLINE STA 962+00

MATCHLINE STA 968+00

ICPB8

ICPB9

ICPB10

INSTALL 3 - 2" HOPE AND FIBRE OPTIC CABLE
OUTDOOR PLANT 72-CT W/ TRACER WIRE

R/L USH 45

965

R/L WHITNALL EDGE RD

R/L VENTURE DR

ICPB11

ICPB12

ICPB13

N

INSTALL 3 - 2" HOPE AND FIBRE OPTIC CABLE
OUTDOOR PLANT 72-CT W/ TRACER WIRE

R/L USH 45

MATCHLINE STA 968+00

970

ICPB14

SIGN

SIGN

SIGN

FIBRE OPTIC SPLICE
ENCLOSURE

CV2-1

TRAFFIC CONTROL INTERCONNECT

USH 45/STH 100

VILLAGE OF HALES CORNERS , CITY OF FRANKLIN

MILWAUKEE

SIGNAL NO. S40-1236,S40-1446

REGION CONTACT: PARWINDER VIRK
DESIGNED BY: BLOOM COMPANIES, LLC
REVISED BY:

PAGE 3 OF 3

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC SIGNAL INTERCONNECT PLAN	SHEET E

PRE_125

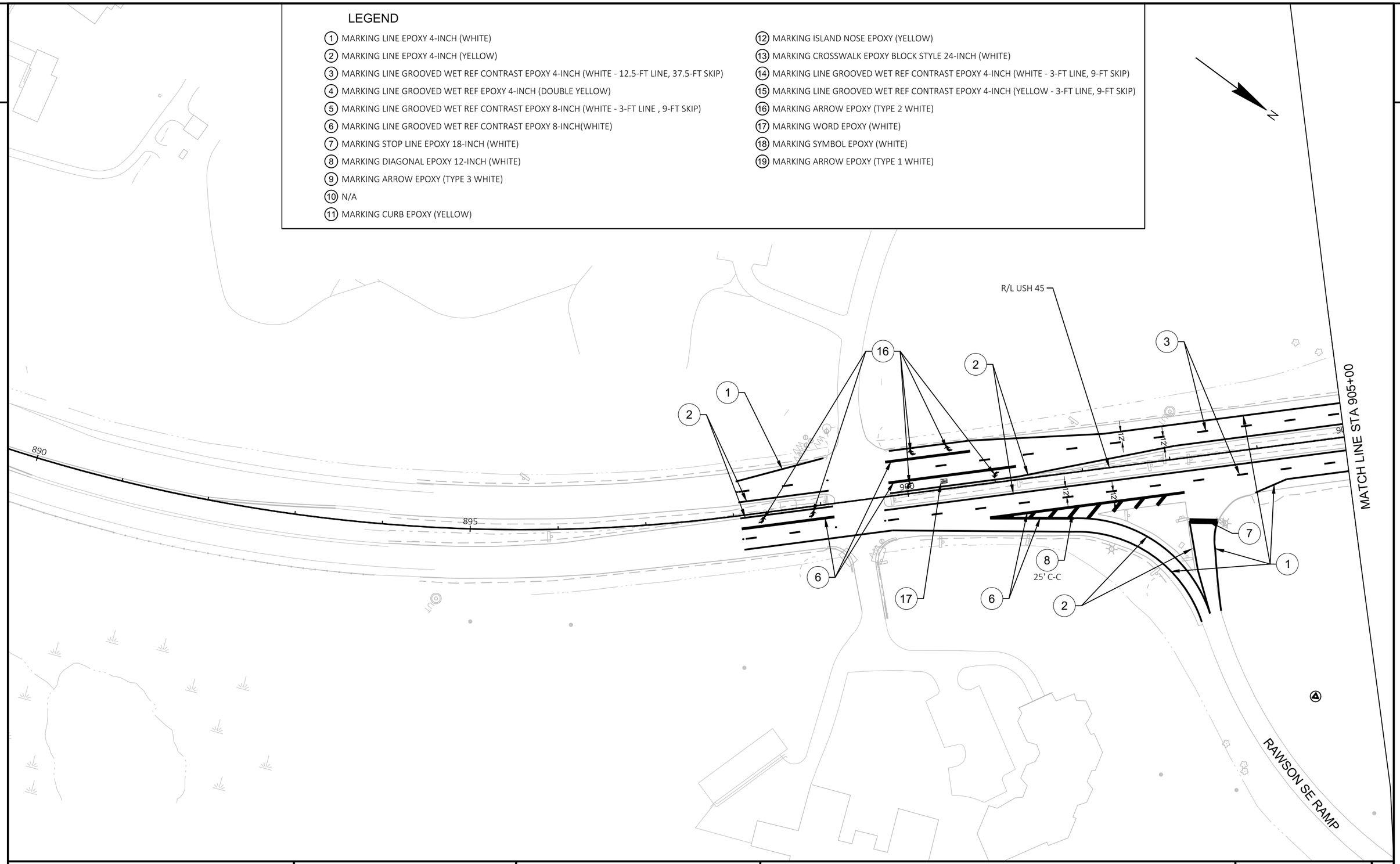
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024402-INTER.DWG
LAYOUT NAME - 024403

PLOT DATE : 5/14/2021 8:09 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44

LEGEND

1. MARKING LINE EPOXY 4-INCH (WHITE)
2. MARKING LINE EPOXY 4-INCH (YELLOW)
3. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. MARKING LINE GROOVED WET REF EPOXY 4-INCH (DOUBLE YELLOW)
5. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE - 3-FT LINE , 9-FT SKIP)
6. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH(WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
9. MARKING ARROW EPOXY (TYPE 3 WHITE)
10. N/A
11. MARKING CURB EPOXY (YELLOW)
12. MARKING ISLAND NOSE EPOXY (YELLOW)
13. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
14. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
15. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (YELLOW - 3-FT LINE, 9-FT SKIP)
16. MARKING ARROW EPOXY (TYPE 2 WHITE)
17. MARKING WORD EPOXY (WHITE)
18. MARKING SYMBOL EPOXY (WHITE)
19. MARKING ARROW EPOXY (TYPE 1 WHITE)



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKINGS	SHEET E

PRE_126

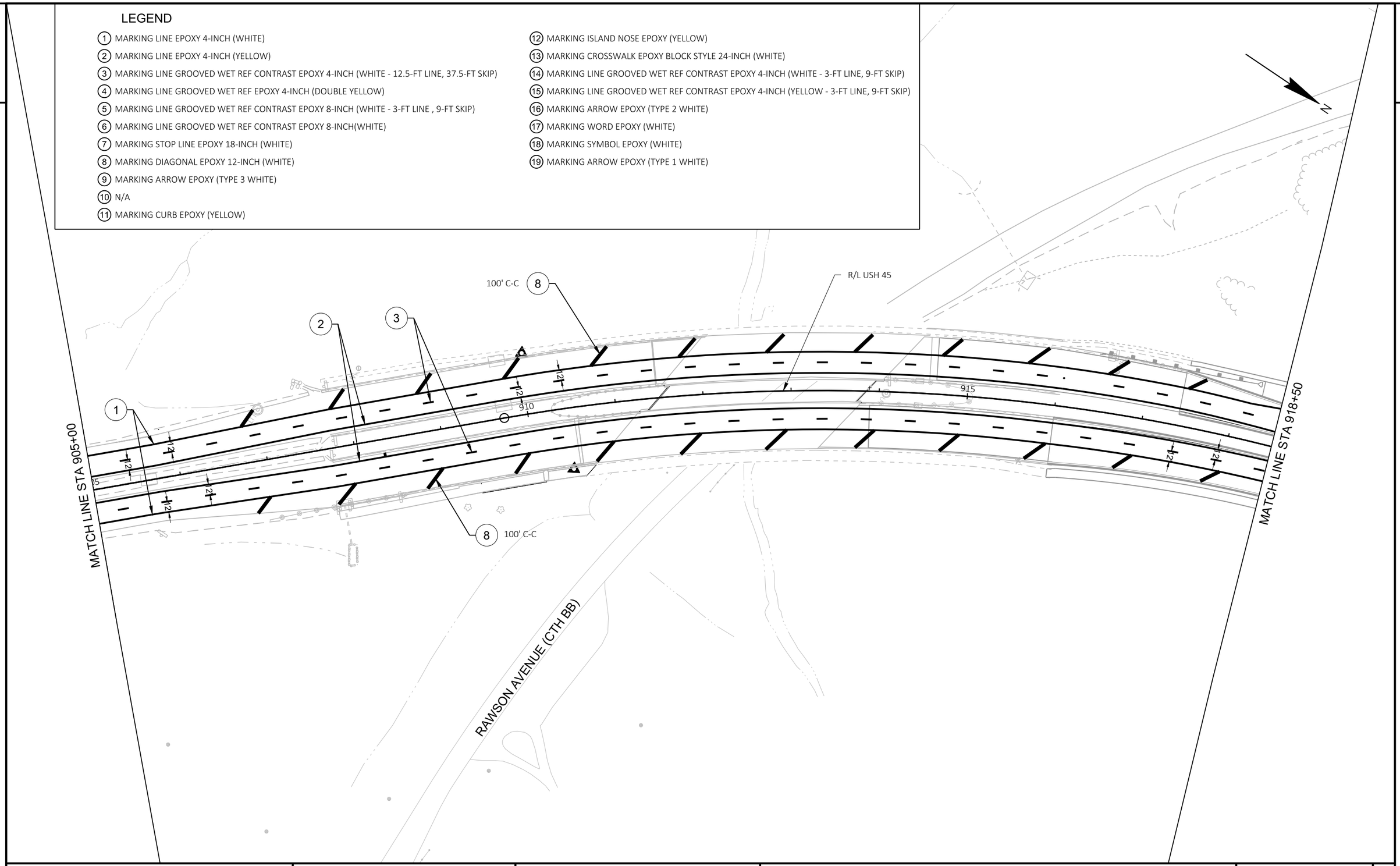
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024501

PLOT DATE : 5/14/2021 12:38 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

LEGEND

1. MARKING LINE EPOXY 4-INCH (WHITE)
2. MARKING LINE EPOXY 4-INCH (YELLOW)
3. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. MARKING LINE GROOVED WET REF EPOXY 4-INCH (DOUBLE YELLOW)
5. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE - 3-FT LINE , 9-FT SKIP)
6. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH(WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
9. MARKING ARROW EPOXY (TYPE 3 WHITE)
10. N/A
11. MARKING CURB EPOXY (YELLOW)
12. MARKING ISLAND NOSE EPOXY (YELLOW)
13. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
14. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
15. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (YELLOW - 3-FT LINE, 9-FT SKIP)
16. MARKING ARROW EPOXY (TYPE 2 WHITE)
17. MARKING WORD EPOXY (WHITE)
18. MARKING SYMBOL EPOXY (WHITE)
19. MARKING ARROW EPOXY (TYPE 1 WHITE)

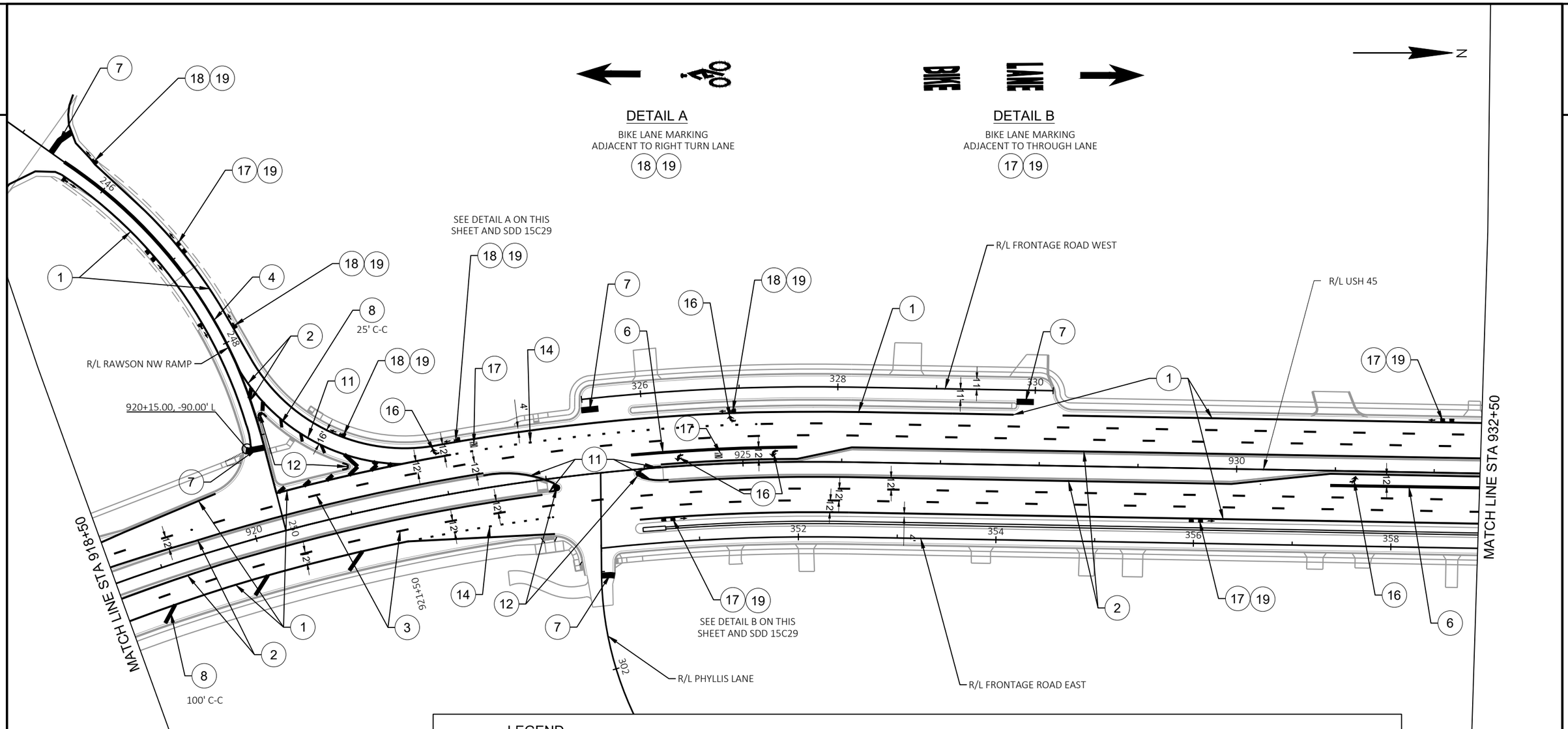


PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKINGS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024502

PLOT DATE : 5/14/2021 12:38 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_127



LEGEND

1. MARKING LINE EPOXY 4-INCH (WHITE)
2. MARKING LINE EPOXY 4-INCH (YELLOW)
3. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. MARKING LINE GROOVED WET REF EPOXY 4-INCH (DOUBLE YELLOW)
5. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE - 3-FT LINE , 9-FT SKIP)
6. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH(WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
9. MARKING ARROW EPOXY (TYPE 3 WHITE)
10. N/A
11. MARKING CURB EPOXY (YELLOW)
12. MARKING ISLAND NOSE EPOXY (YELLOW)
13. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
14. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
15. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (YELLOW - 3-FT LINE, 9-FT SKIP)
16. MARKING ARROW EPOXY (TYPE 2 WHITE)
17. MARKING WORD EPOXY (WHITE)
18. MARKING SYMBOL EPOXY (WHITE)
19. MARKING ARROW EPOXY (TYPE 1 WHITE)

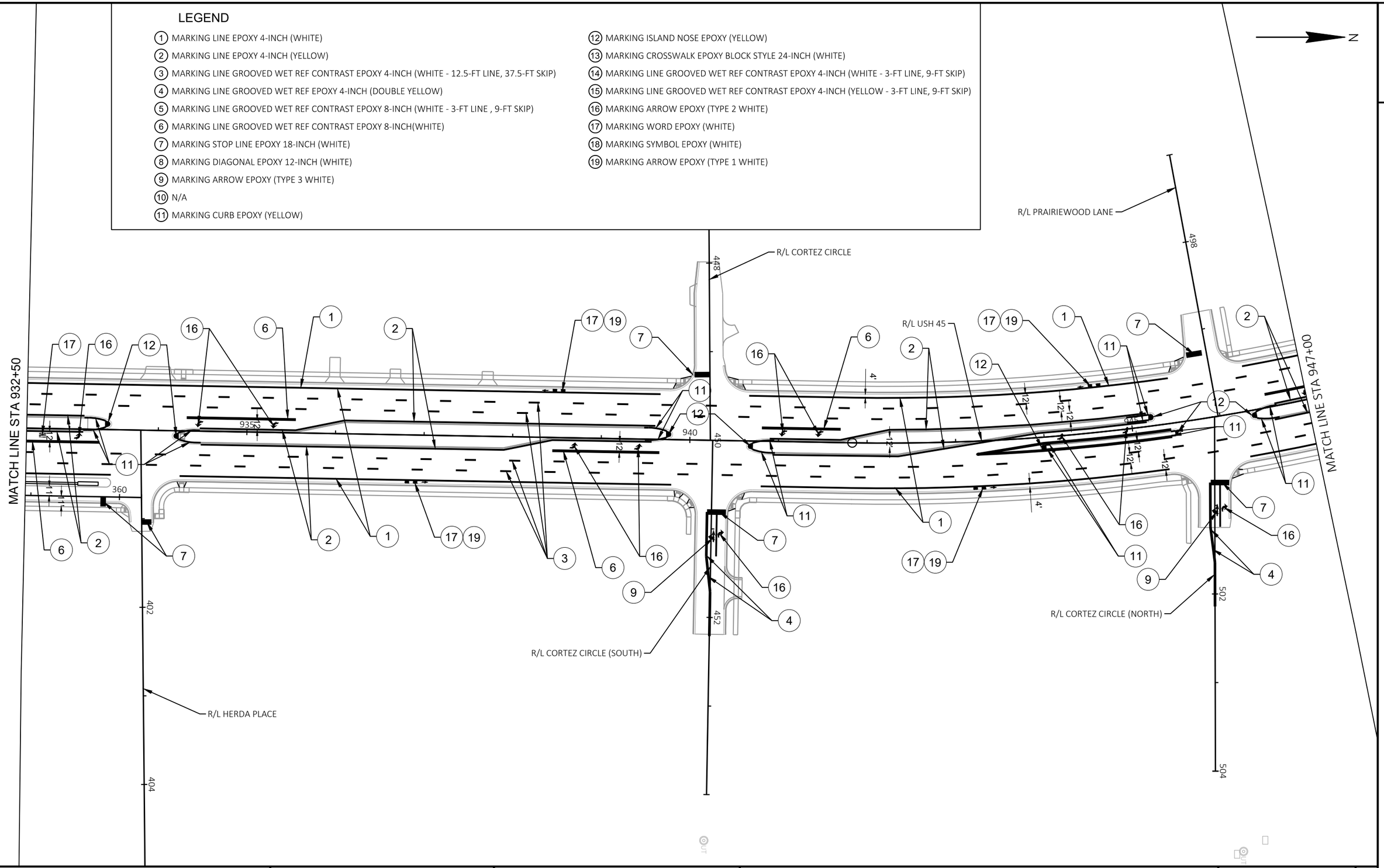
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKINGS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024503
PLOT DATE : 5/14/2021 12:38 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

1. MARKING LINE EPOXY 4-INCH (WHITE)
2. MARKING LINE EPOXY 4-INCH (YELLOW)
3. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. MARKING LINE GROOVED WET REF EPOXY 4-INCH (DOUBLE YELLOW)
5. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE - 3-FT LINE , 9-FT SKIP)
6. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH(WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
9. MARKING ARROW EPOXY (TYPE 3 WHITE)
10. N/A
11. MARKING CURB EPOXY (YELLOW)
12. MARKING ISLAND NOSE EPOXY (YELLOW)
13. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
14. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
15. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (YELLOW - 3-FT LINE, 9-FT SKIP)
16. MARKING ARROW EPOXY (TYPE 2 WHITE)
17. MARKING WORD EPOXY (WHITE)
18. MARKING SYMBOL EPOXY (WHITE)
19. MARKING ARROW EPOXY (TYPE 1 WHITE)



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKINGS	SHEET E

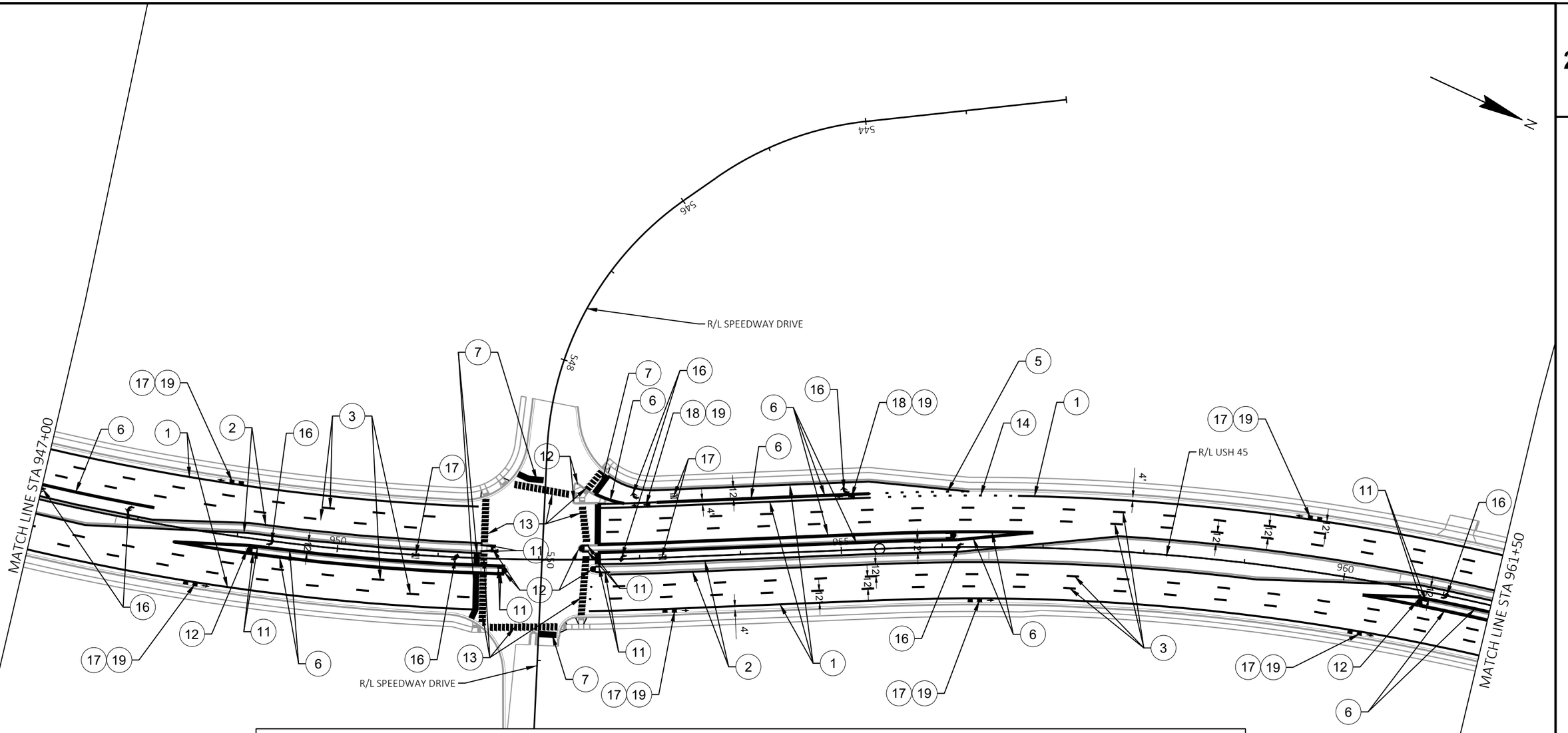
PRE_129

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024504

PLOT DATE : 5/14/2021 12:38 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

1. MARKING LINE EPOXY 4-INCH (WHITE)
2. MARKING LINE EPOXY 4-INCH (YELLOW)
3. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. MARKING LINE GROOVED WET REF EPOXY 4-INCH (DOUBLE YELLOW)
5. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE - 3-FT LINE , 9-FT SKIP)
6. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH(WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
9. MARKING ARROW EPOXY (TYPE 3 WHITE)
10. N/A
11. MARKING CURB EPOXY (YELLOW)
12. MARKING ISLAND NOSE EPOXY (YELLOW)
13. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
14. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
15. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (YELLOW - 3-FT LINE, 9-FT SKIP)
16. MARKING ARROW EPOXY (TYPE 2 WHITE)
17. MARKING WORD EPOXY (WHITE)
18. MARKING SYMBOL EPOXY (WHITE)
19. MARKING ARROW EPOXY (TYPE 1 WHITE)

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKINGS	SHEET E

PRE_130

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024505

PLOT DATE : 5/14/2021 12:38 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

1. MARKING LINE EPOXY 4-INCH (WHITE)
2. MARKING LINE EPOXY 4-INCH (YELLOW)
3. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. MARKING LINE GROOVED WET REF EPOXY 4-INCH (DOUBLE YELLOW)
5. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE - 3-FT LINE , 9-FT SKIP)
6. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH(WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
9. MARKING ARROW EPOXY (TYPE 3 WHITE)
10. N/A
11. MARKING CURB EPOXY (YELLOW)
12. MARKING ISLAND NOSE EPOXY (YELLOW)
13. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
14. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
15. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (YELLOW - 3-FT LINE, 9-FT SKIP)
16. MARKING ARROW EPOXY (TYPE 2 WHITE)
17. MARKING WORD EPOXY (WHITE)
18. MARKING SYMBOL EPOXY (WHITE)
19. MARKING ARROW EPOXY (TYPE 1 WHITE)

N

MATCH LINE STA 961+50

MATCH LINE STA 975+50

R/L USH 45

R/L WHITNALL EDGE ROAD

R/L VENTURE DRIVE

COLLEGE AVENUE

CANOPY

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKINGS	SHEET E

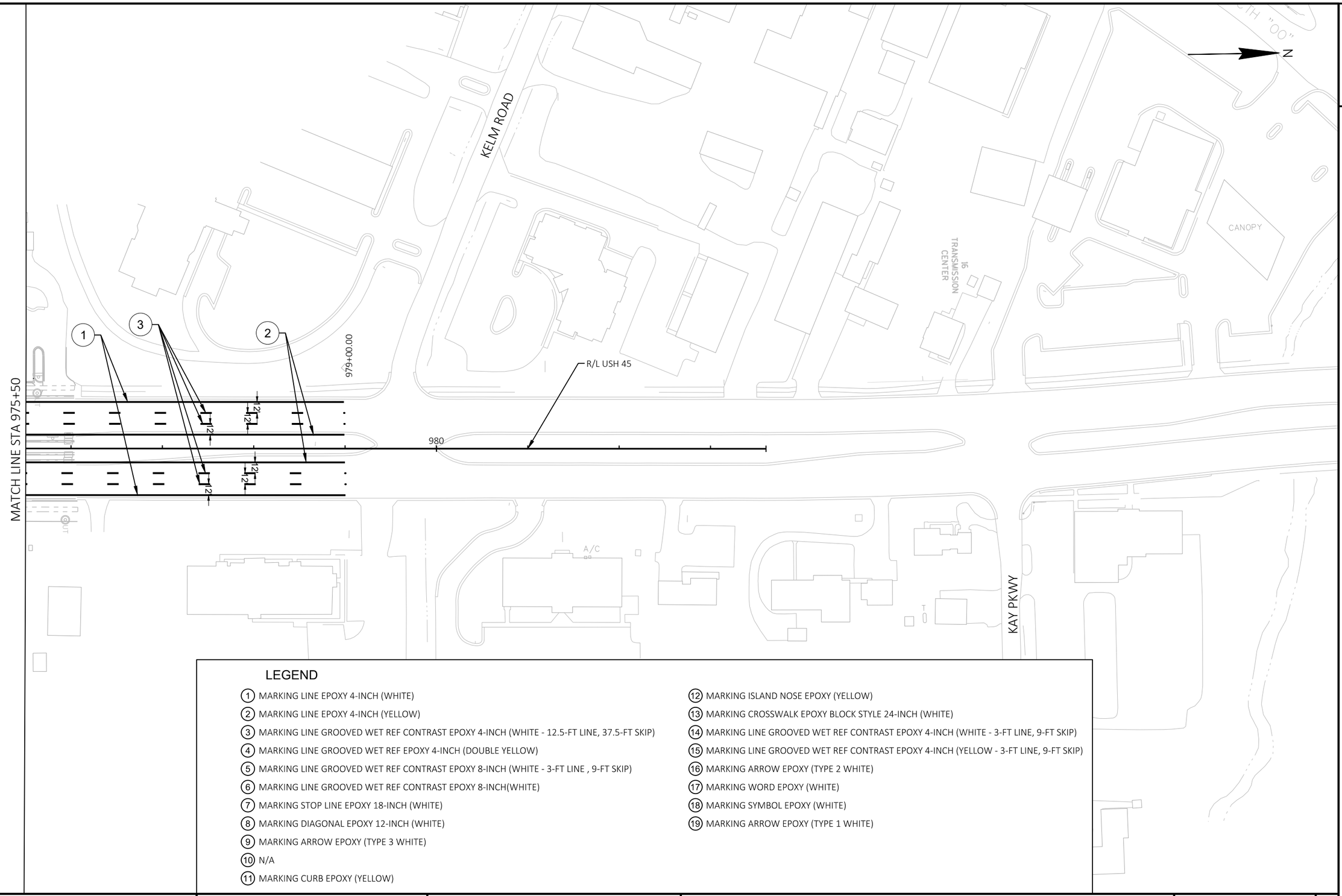
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LAYOUT NAME - 024506

PLOT DATE : 5/14/2021 12:38 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

1. MARKING LINE EPOXY 4-INCH (WHITE)
2. MARKING LINE EPOXY 4-INCH (YELLOW)
3. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. MARKING LINE GROOVED WET REF EPOXY 4-INCH (DOUBLE YELLOW)
5. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH (WHITE - 3-FT LINE , 9-FT SKIP)
6. MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH(WHITE)
7. MARKING STOP LINE EPOXY 18-INCH (WHITE)
8. MARKING DIAGONAL EPOXY 12-INCH (WHITE)
9. MARKING ARROW EPOXY (TYPE 3 WHITE)
10. N/A
11. MARKING CURB EPOXY (YELLOW)
12. MARKING ISLAND NOSE EPOXY (YELLOW)
13. MARKING CROSSWALK EPOXY BLOCK STYLE 24-INCH (WHITE)
14. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
15. MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH (YELLOW - 3-FT LINE, 9-FT SKIP)
16. MARKING ARROW EPOXY (TYPE 2 WHITE)
17. MARKING WORD EPOXY (WHITE)
18. MARKING SYMBOL EPOXY (WHITE)
19. MARKING ARROW EPOXY (TYPE 1 WHITE)

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PAVEMENT MARKINGS	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\024501-PM.DWG
LAYOUT NAME - 024507
PLOT DATE : 5/14/2021 12:38 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

TRAFFIC CONTROL NOTES (APPLIES TO ALL STAGES)

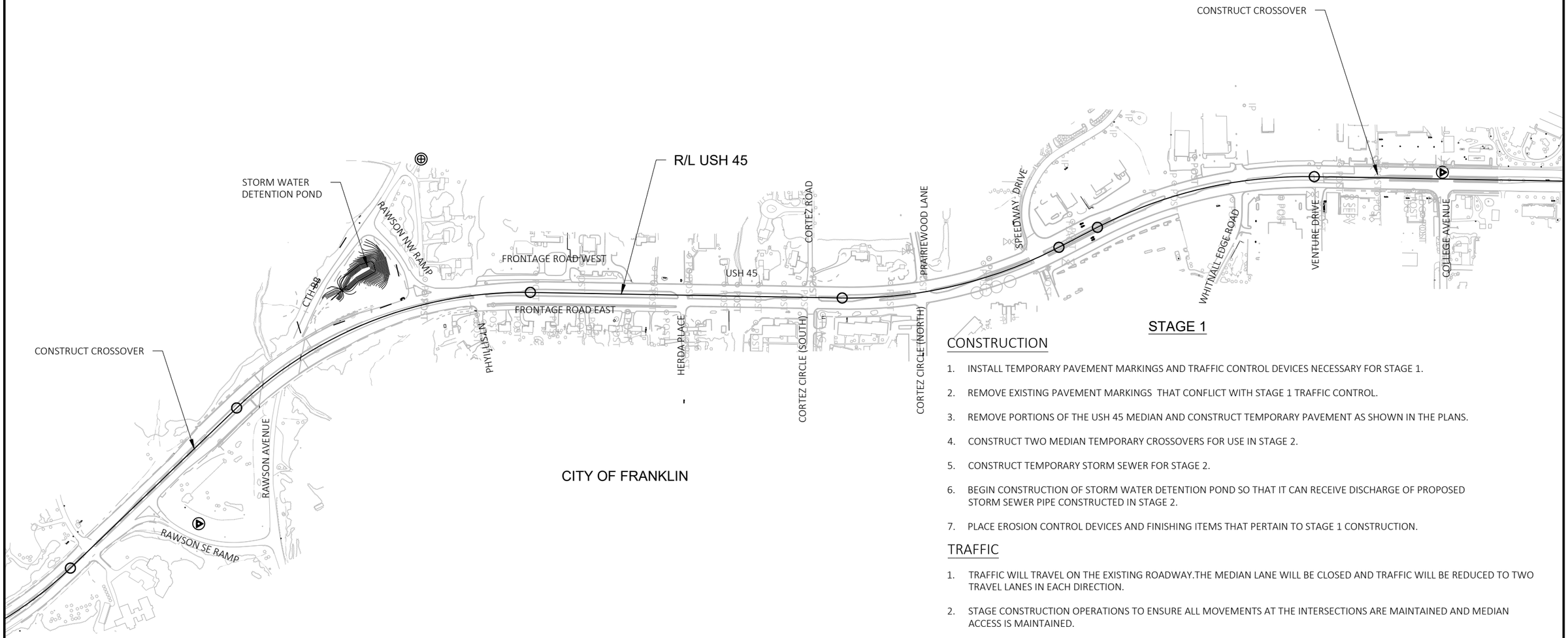
1. THE EXACT NUMBER,LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.
2. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.
3. ANY SIGNS, TEMPORARY OR EXISTING,WHICH CONFLICT WITH TRAFFIC CONTROL SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.
4. SIGNS DESIGNATED AS "WO" ARE THE SAME AS "W" EXCEPT BACKGROUND IS ORANGE.
5. SEE SPECIAL PROVISIONS FOR TRAFFIC/STAGING REQUIREMENTS.
6. PAVEMENT MARKING WHICH MAY CONFLICT WITH TRAFFIC CONTROL SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.
7. ALL DRUM SPACING IS 50', UNLESS OTHERWISE NOTED.
8. IF A DROP-OFF (CHANGE IN ELEVATION OF 2" OR GREATER WITH A SLOPE STEEPER THAN 3:1) IS ANTICIPATED TO EXIST FOR MORE THAN 48 HOURS, AND IS WITHIN 8 FEET OF THE EDGE OF THE TEMPORARY TRAVELED WAY, USE A 3H:1V SLOPE OF COMPACTED AGGREGATE TO ELIMINATE THE DROP-OFF. A QUANTITY OF BASE AGGREGATE DENSE 3/4 -INCH IS PROVIDED IN STAGE 1, 2, 3 AND 4 FOR THIS PURPOSE.

LEGEND

N

WORK AREA

DIRECTION OF TRAFFIC



STAGE 1

CONSTRUCTION

1. INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 1.
2. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 1 TRAFFIC CONTROL.
3. REMOVE PORTIONS OF THE USH 45 MEDIAN AND CONSTRUCT TEMPORARY PAVEMENT AS SHOWN IN THE PLANS.
4. CONSTRUCT TWO MEDIAN TEMPORARY CROSSOVERS FOR USE IN STAGE 2.
5. CONSTRUCT TEMPORARY STORM SEWER FOR STAGE 2.
6. BEGIN CONSTRUCTION OF STORM WATER DETENTION POND SO THAT IT CAN RECEIVE DISCHARGE OF PROPOSED STORM SEWER PIPE CONSTRUCTED IN STAGE 2.
7. PLACE EROSION CONTROL DEVICES AND FINISHING ITEMS THAT PERTAIN TO STAGE 1 CONSTRUCTION.

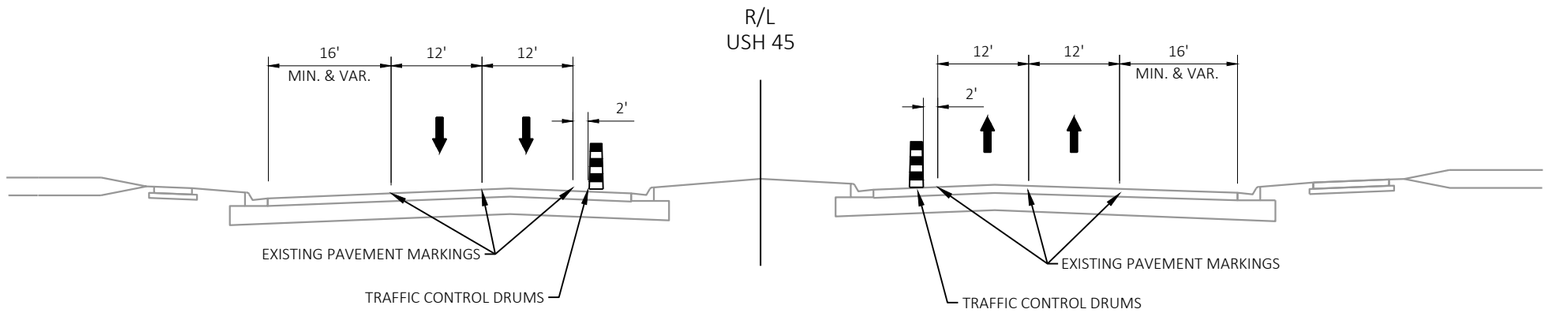
TRAFFIC

1. TRAFFIC WILL TRAVEL ON THE EXISTING ROADWAY.THE MEDIAN LANE WILL BE CLOSED AND TRAFFIC WILL BE REDUCED TO TWO TRAVEL LANES IN EACH DIRECTION.
2. STAGE CONSTRUCTION OPERATIONS TO ENSURE ALL MOVEMENTS AT THE INTERSECTIONS ARE MAINTAINED AND MEDIAN ACCESS IS MAINTAINED.

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1 OVERVIEW	SHEET E

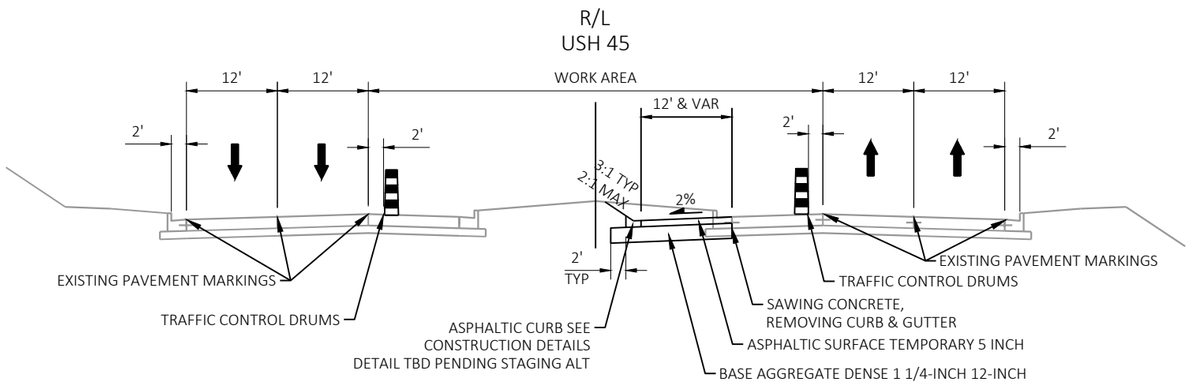
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LAYOUT NAME - 026000_s1
PLOT DATE : 5/14/2021 8:11 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:500 FT
WISDOT/CADDS SHEET 42

2



STAGE 1 TYPICAL SECTION
USH 45

STA 910+00 TO STA 916+00



STAGE 1 TYPICAL SECTION
USH 45

STA 916+00 TO STA 968+25

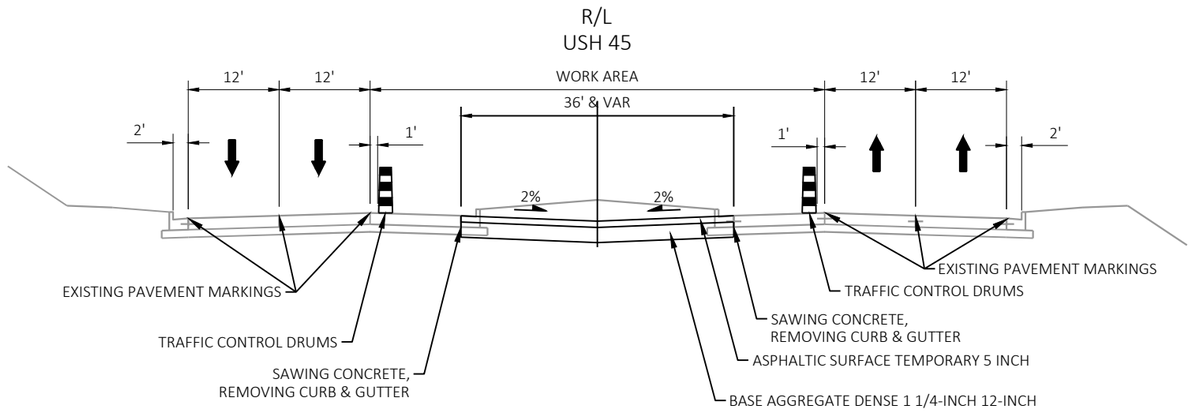
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS STAGE 1	SHEET E

PRE_134

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025101

PLOT DATE : 5/14/2021 8:10 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:20 FT

2



STAGE 1 TYPICAL SECTION
USH 45

CROSSOVER LOCATIONS

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS STAGE 1	SHEET PRE_135 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025102

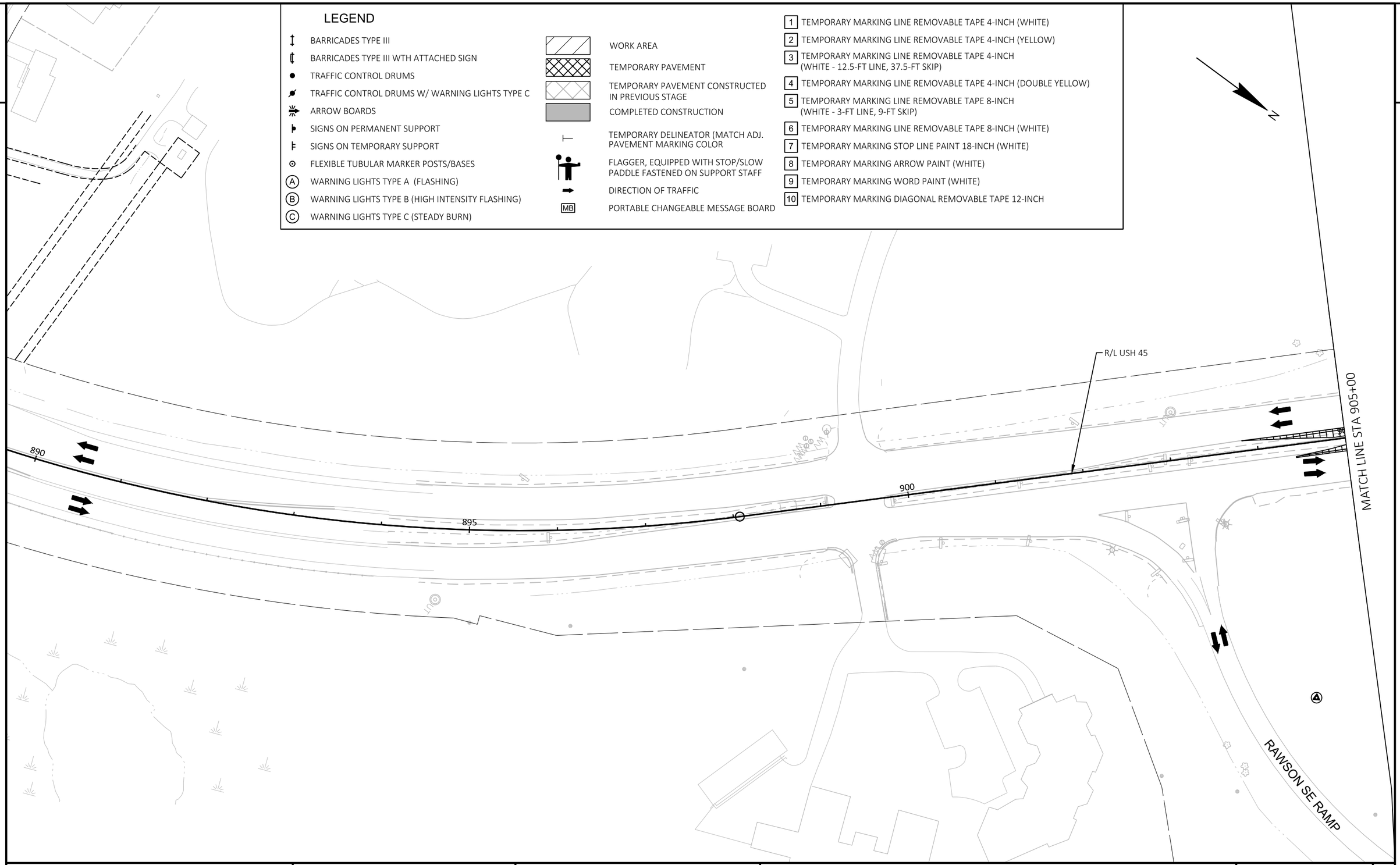
PLOT DATE : 5/14/2021 8:10 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:20 FT

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

- 1 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- 2 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- 3 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
- 4 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- 5 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
- 6 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- 7 TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
- 8 TEMPORARY MARKING ARROW PAINT (WHITE)
- 9 TEMPORARY MARKING WORD PAINT (WHITE)
- 10 TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET E

PRE_136

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026001-S1

PLOT DATE : 5/14/2021 8:11 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

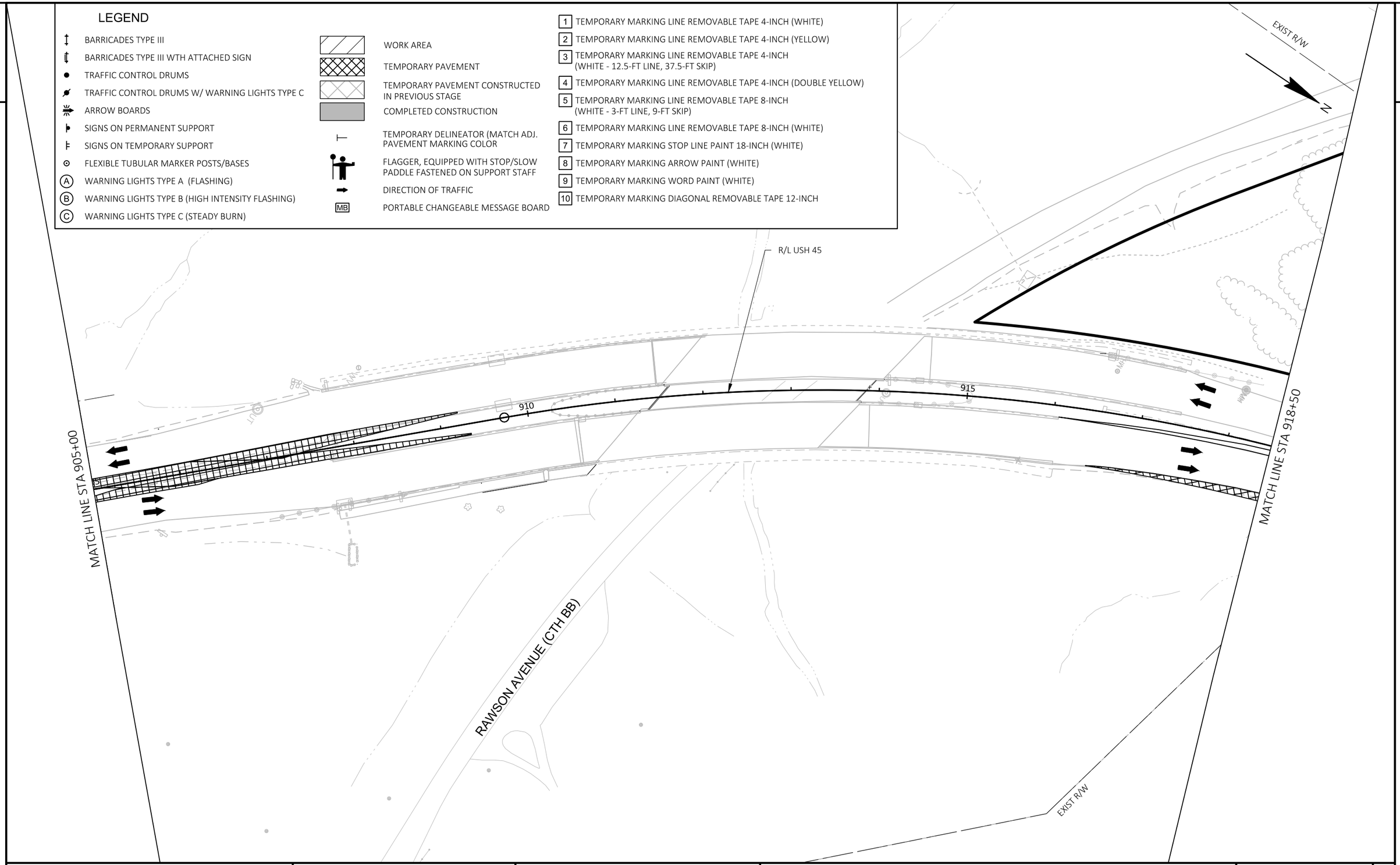
WISDOT/CADDS SHEET 42

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH



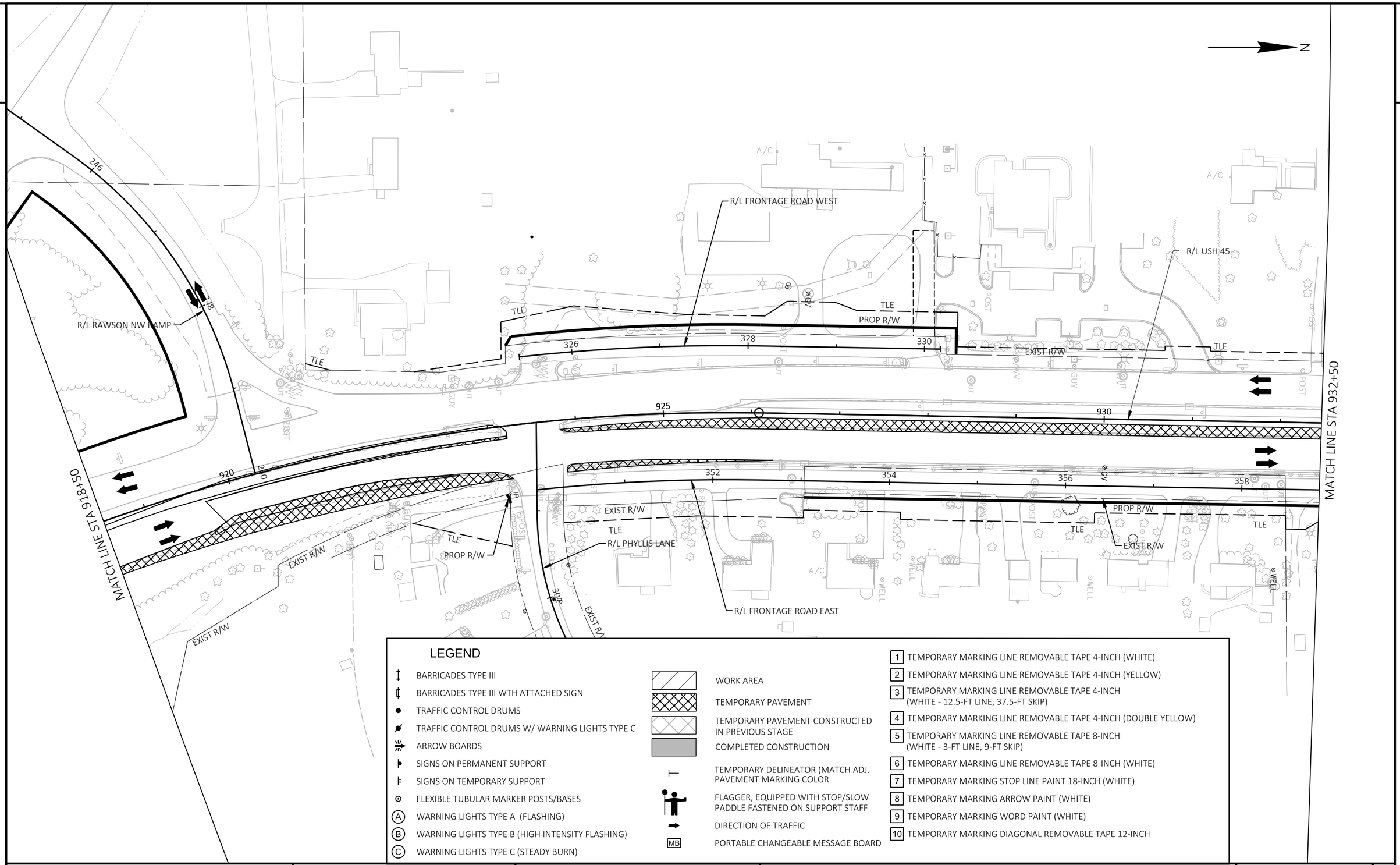
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET E

PRE_137

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026002-S1

PLOT DATE : 5/14/2021 8:11 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET E

PRE_138

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026003-S1

PLOT DATE : 5/14/2021 8:11 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 932+50

MATCH LINE STA 947+00

R/L PRAIRIEWOOD LANE

R/L CORTEZ CIRCLE

R/L USH 45

R/L HERDA PLACE

R/L CORTEZ CIRCLE (SOUTH)

R/L CORTEZ CIRCLE (NORTH)

PROP R/W

EXIST R/W

TLE

360

402

404

448

452

498

502

504

935

940

945

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET E

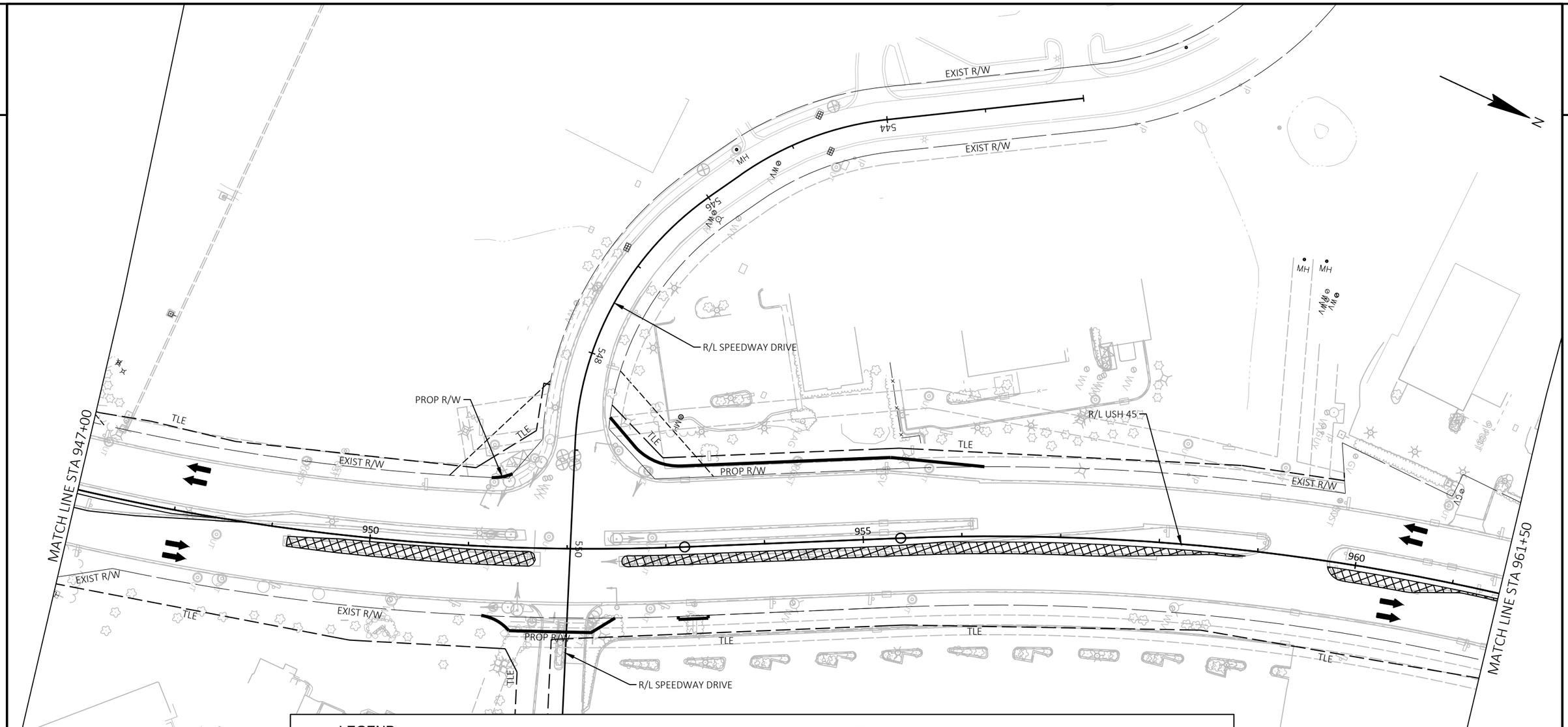
PRE_139

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LAYOUT NAME - 026004-S1

PLOT DATE : 5/14/2021 8:11 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026005-S1
PLOT DATE : 5/14/2021 8:11 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
PRE_140
WISDOT/CADDS SHEET 42

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 961+50

MATCH LINE STA 975+50

R/L USH 45

TLE

EXIST R/W

PROP R/W

965

970

975

652

654

R/L WHITNALL EDGE ROAD

R/L VENTURE DRIVE

COLLEGE AVENUE

FILLER CAPS

CANOPY

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET E

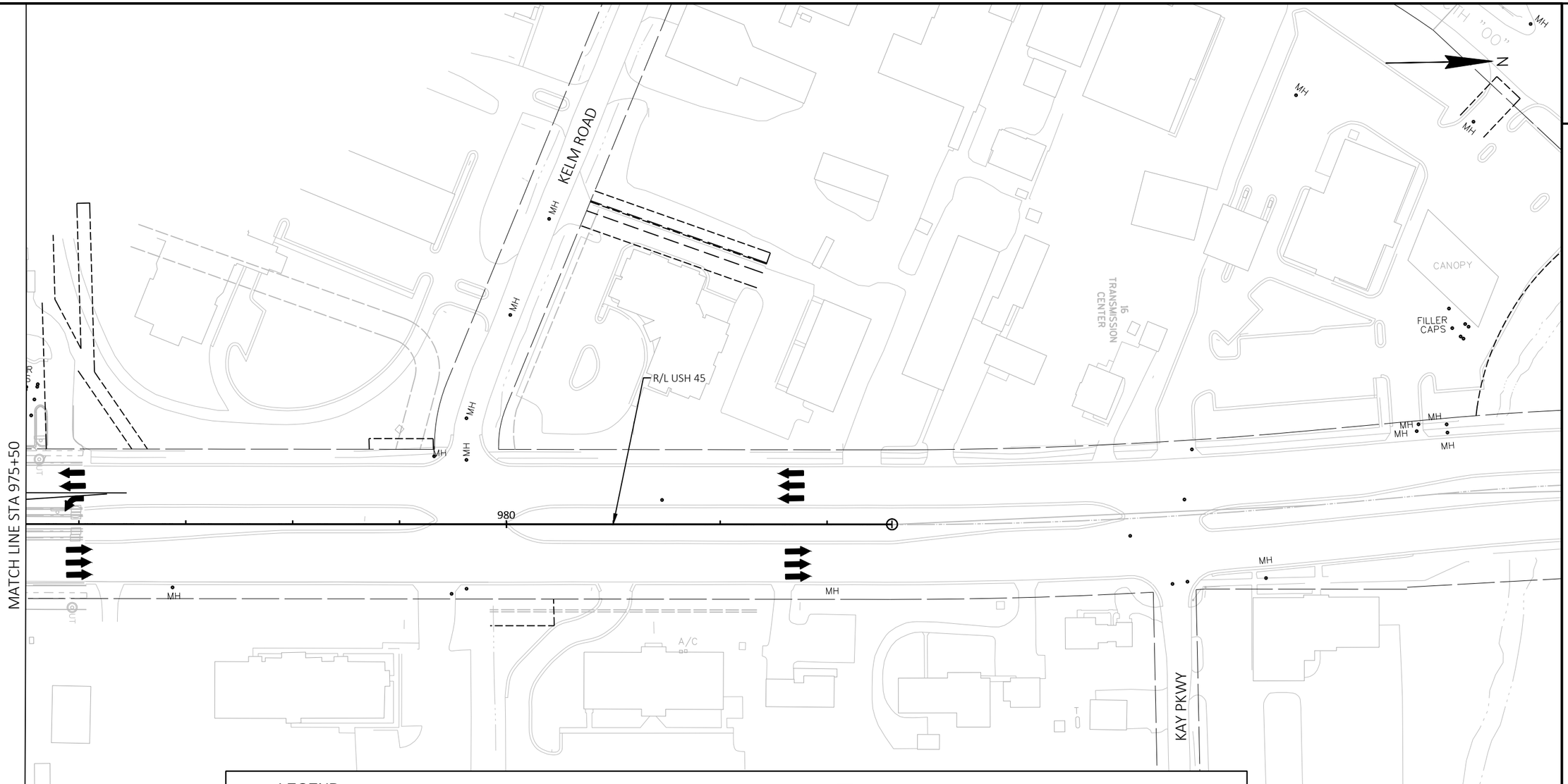
PRE_141

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026006-S1

PLOT DATE : 5/14/2021 8:11 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- [MB] PORTABLE CHANGEABLE MESSAGE BOARD

- [1] TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- [2] TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- [3] TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
- [4] TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- [5] TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
- [6] TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- [7] TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
- [8] TEMPORARY MARKING ARROW PAINT (WHITE)
- [9] TEMPORARY MARKING WORD PAINT (WHITE)
- [10] TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1	SHEET PRE_142 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S1.DWG
LAYOUT NAME - 026007-S1
PLOT DATE : 5/14/2021 8:12 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

STAGE 2

CONSTRUCTION

1. INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 2.
2. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 2 TRAFFIC CONTROL.
3. CONSTRUCT SOUTHBOUND USH 45, DETENTION POND, RAWSON NW RAMP (BY HALVES), WEST FRONTAGE ROAD, CORTEZ ROAD AND SPEEDWAY DRIVE (BY HALVES) AND SOUTHBOUND STORM SEWER TRUNKLINE AS SHOWN IN THE PLANS.
4. CONSTRUCT TEMPORARY PAVEMENT AND TEMPORARY STORM SEWER FOR STAGE 3. DO NOT CONSTRUCT SOUTHBOUND CURB AND GUTTER ADJACENT TO TEMPORARY PAVEMENT NEEDED FOR STAGE 3.
5. PLACE EROSION CONTROL DEVICES AND FINISHING ITEMS THAT PERTAIN TO STAGE 2 CONSTRUCTION.

TRAFFIC

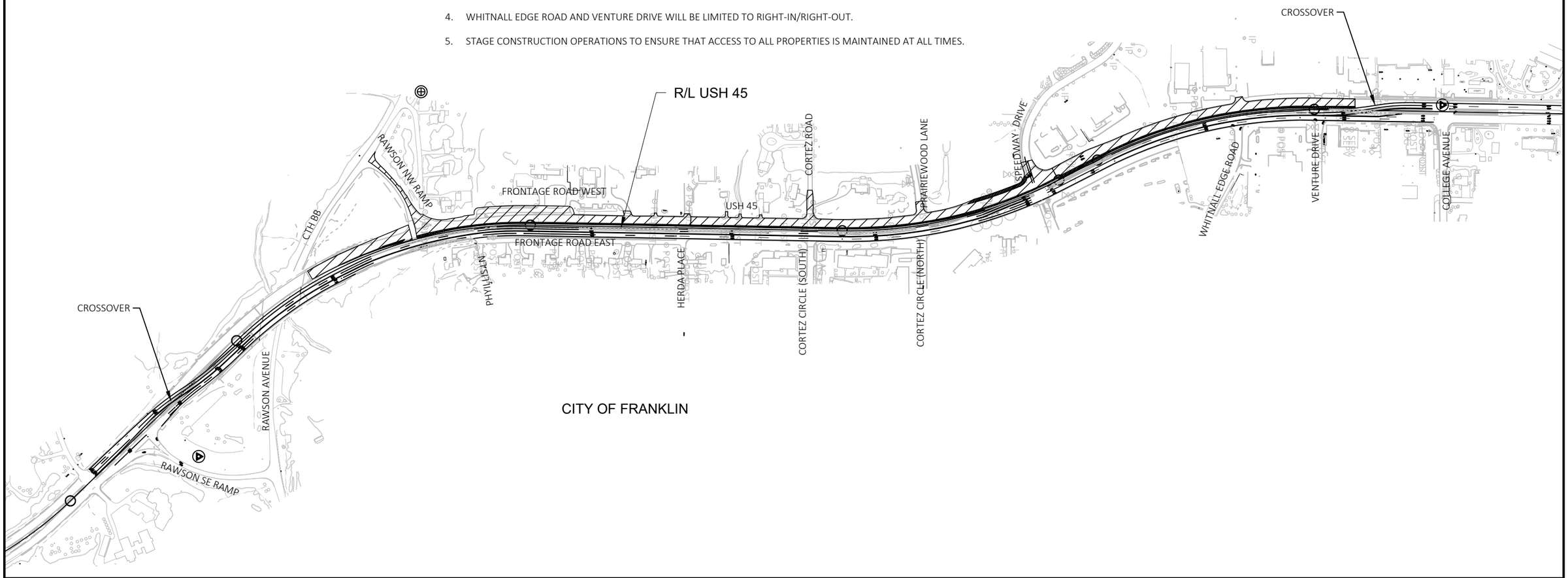
1. TRAFFIC WILL TRAVEL ON THE EXISTING NORTHBOUND SIDE OF THE USH 45 ROADWAY. TRAFFIC WILL BE REDUCED TO TWO TRAVEL LANES IN EACH DIRECTION. NORTHBOUND TRAFFIC WILL BE ON THE EXISTING PAVEMENT, AND SOUTHBOUND TRAFFIC WILL BE ON THE EXISTING PAVEMENT AND NEWLY WIDENED TEMPORARY PAVEMENT. TEMPORARY TRAFFIC SIGNALS AND LEFT TURN LANES WILL BE REQUIRED AT SPEEDWAY DRIVE.
2. PRAIRIEWOOD LANE AND CORTEZ ROAD CAN EACH BE CLOSED INDIVIDUALLY, BUT NOT AT THE SAME TIME.
3. THE EASTBOUND RAWSON RAMP TO SOUTHBOUND USH 45 MOVEMENT WILL BE DETOURED TO LOOMIS ROAD
4. WHITNALL EDGE ROAD AND VENTURE DRIVE WILL BE LIMITED TO RIGHT-IN/RIGHT-OUT.
5. STAGE CONSTRUCTION OPERATIONS TO ENSURE THAT ACCESS TO ALL PROPERTIES IS MAINTAINED AT ALL TIMES.

LEGEND

N

WORK AREA

DIRECTION OF TRAFFIC



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2 OVERVIEW	SHEET E

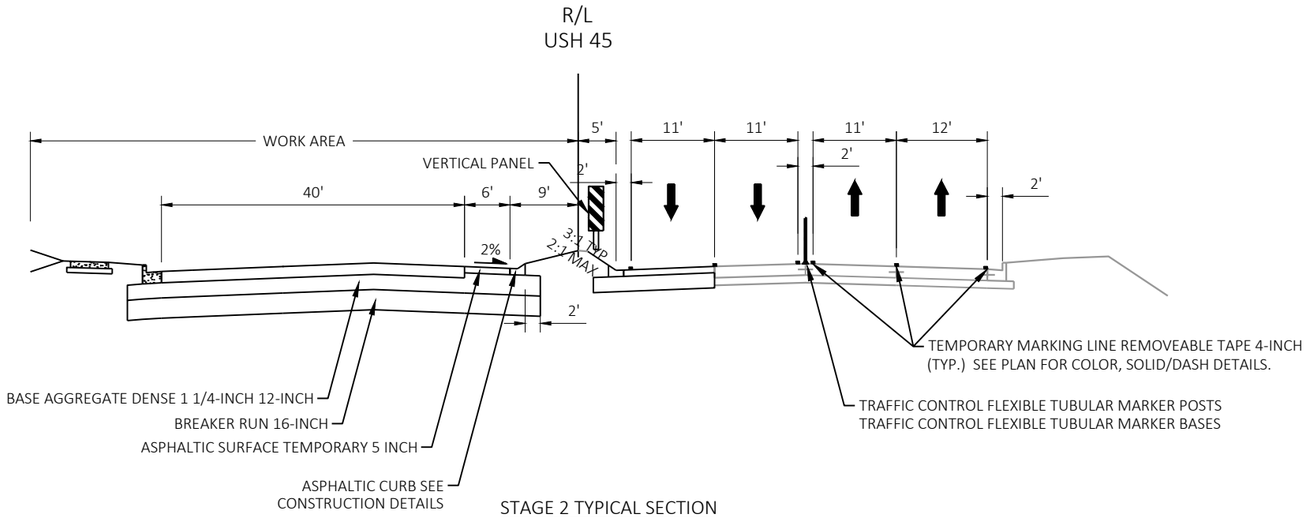
PRE_143

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LAYOUT NAME - 026000_s2

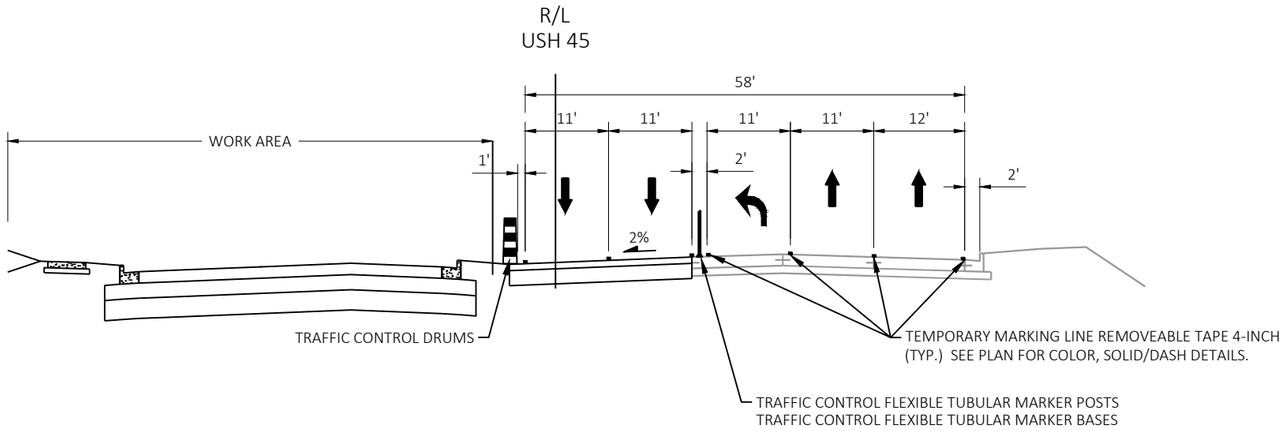
PLOT DATE : 5/14/2021 8:12 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2



STAGE 2 TYPICAL SECTION
USH 45
STA 916+50 TO 971+00



STAGE 2 TYPICAL SECTION
USH 45
SPEEDWAY DRIVE

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS STAGE 2	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025103

PLOT DATE : 5/14/2021 8:10 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:20 FT

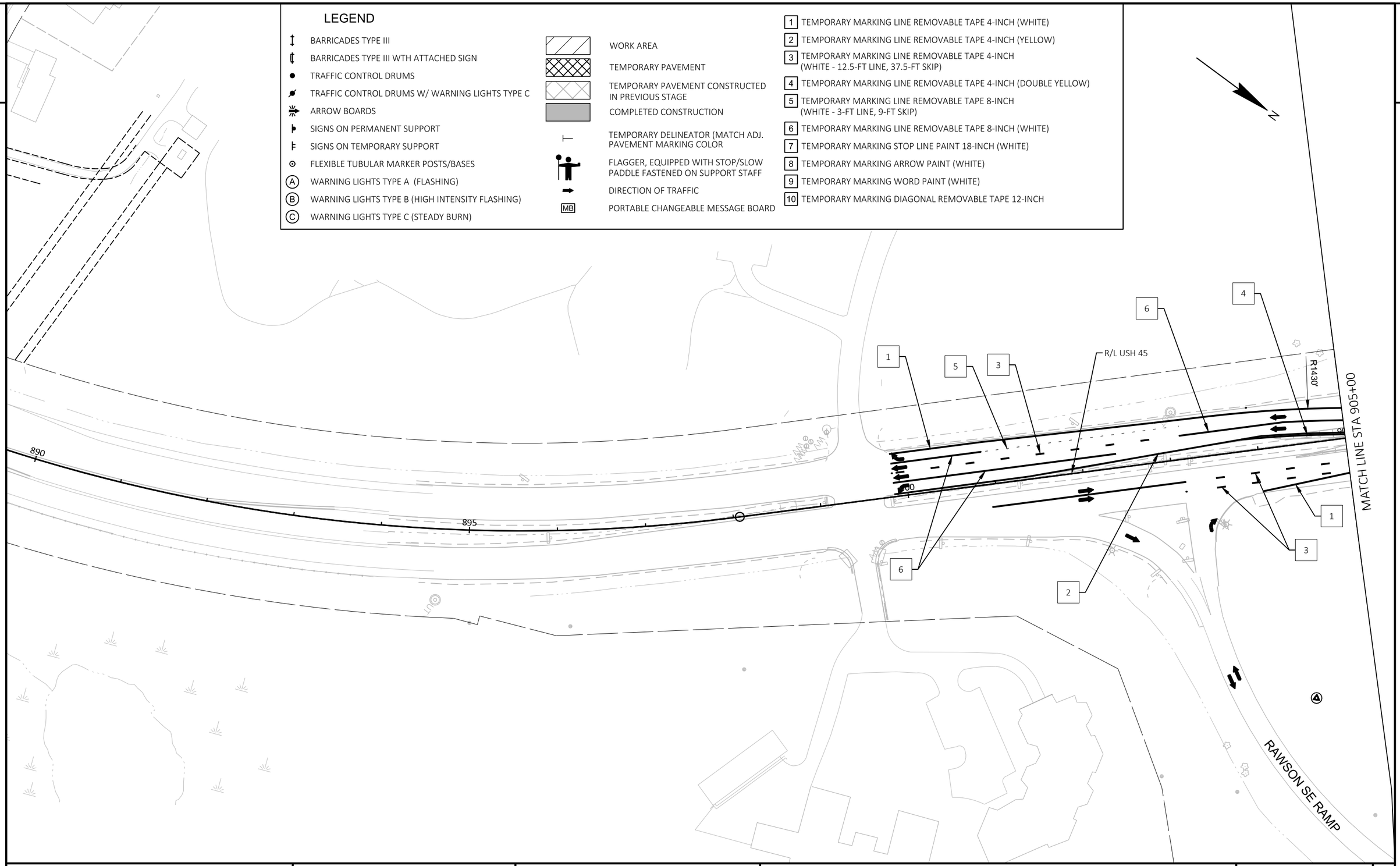
PRE_144

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET E

PRE_145

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026001-S2

PLOT DATE : 5/14/2021 8:12 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

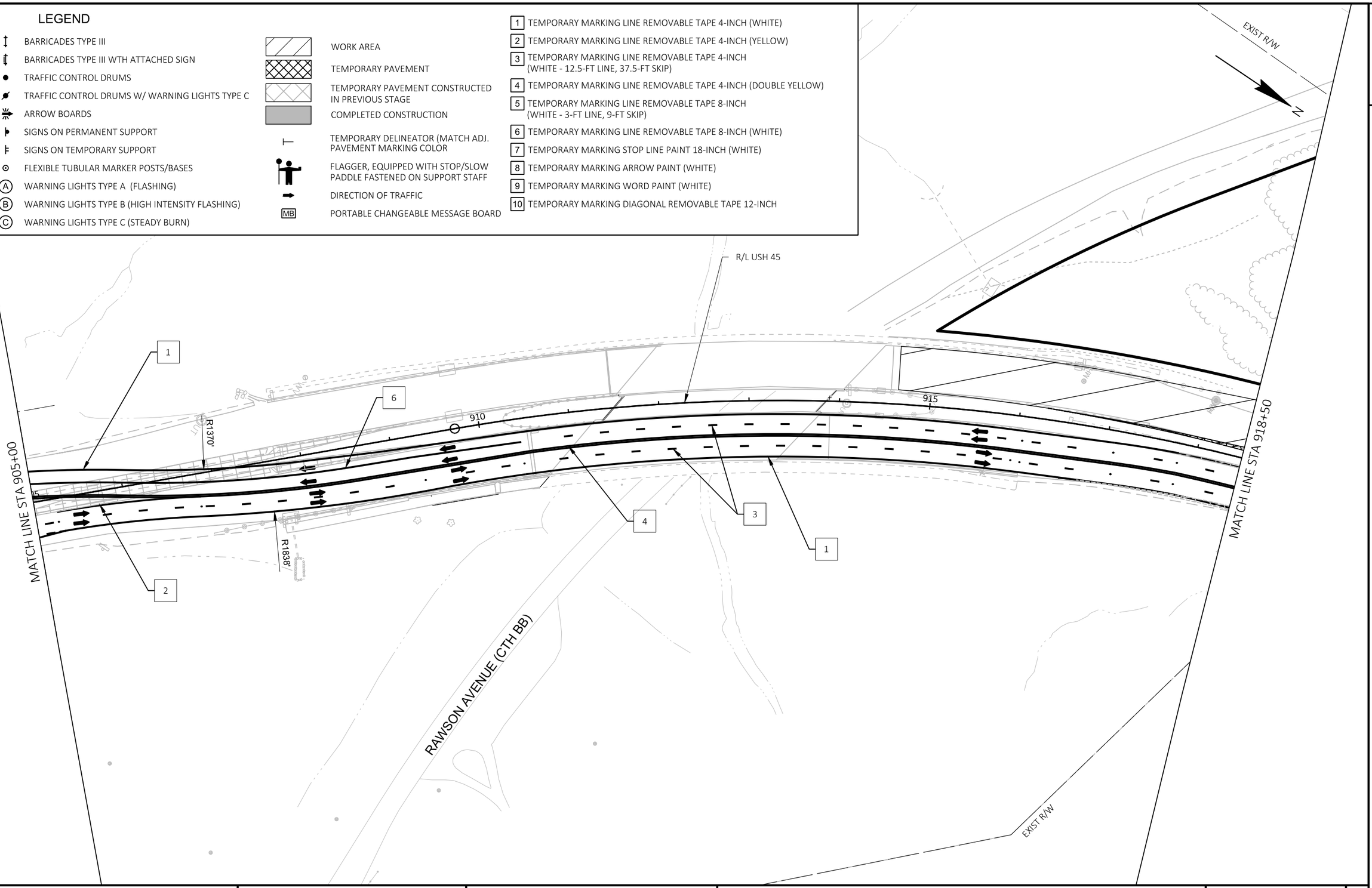
2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH



2

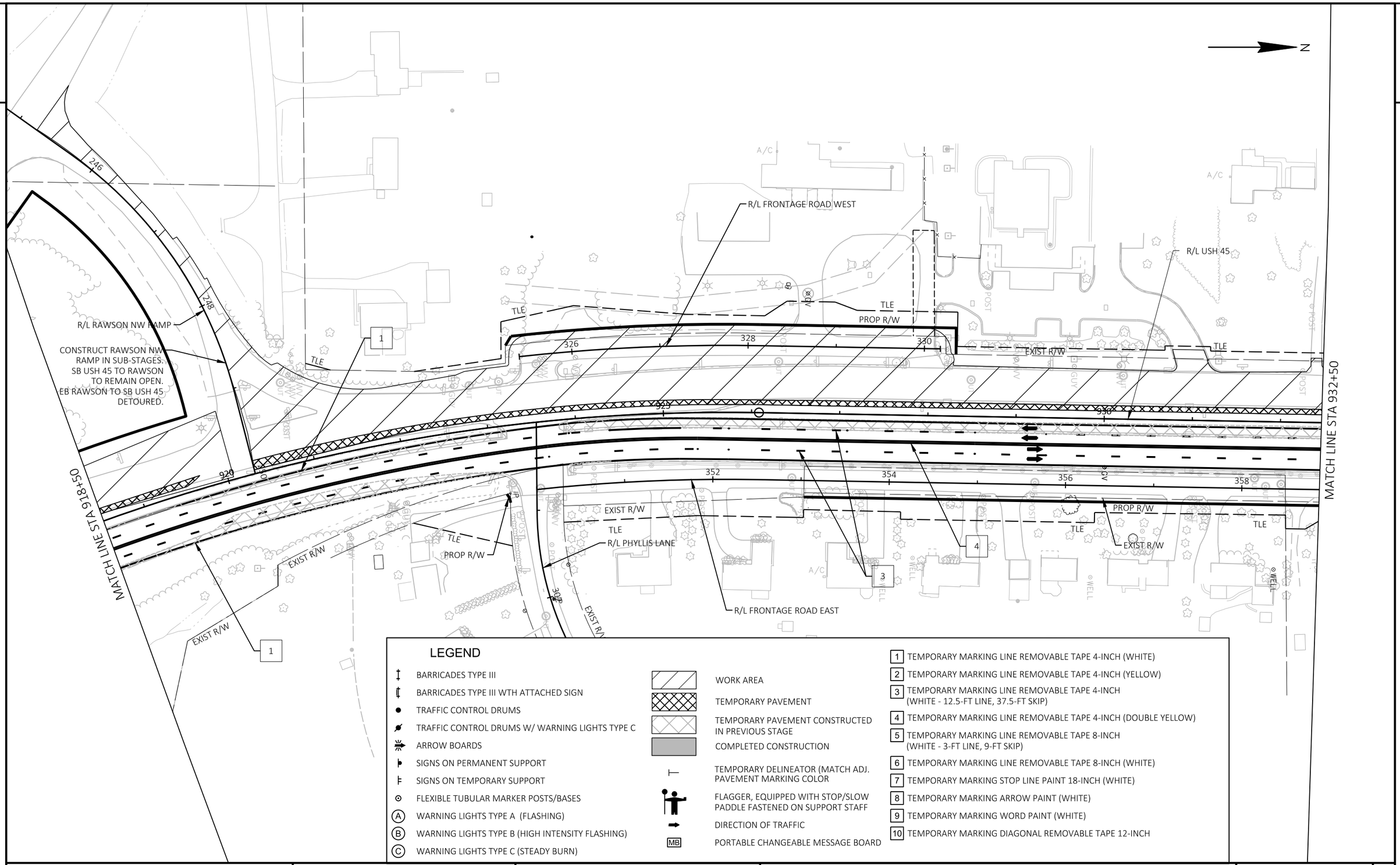
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET E

PRE_146

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026002-S2

PLOT DATE : 5/14/2021 8:12 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET E

PRE_147

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026003-S2

PLOT DATE : 5/14/2021 8:13 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 932+50

MATCH LINE STA 947+00

R/L PRAIRIEWOOD LANE

R/L CORTEZ CIRCLE

R/L USH 45

R/L HERDA PLACE

R/L CORTEZ CIRCLE (SOUTH)

R/L CORTEZ CIRCLE (NORTH)

EXIST R/W

PROP R/W

TLE

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET E

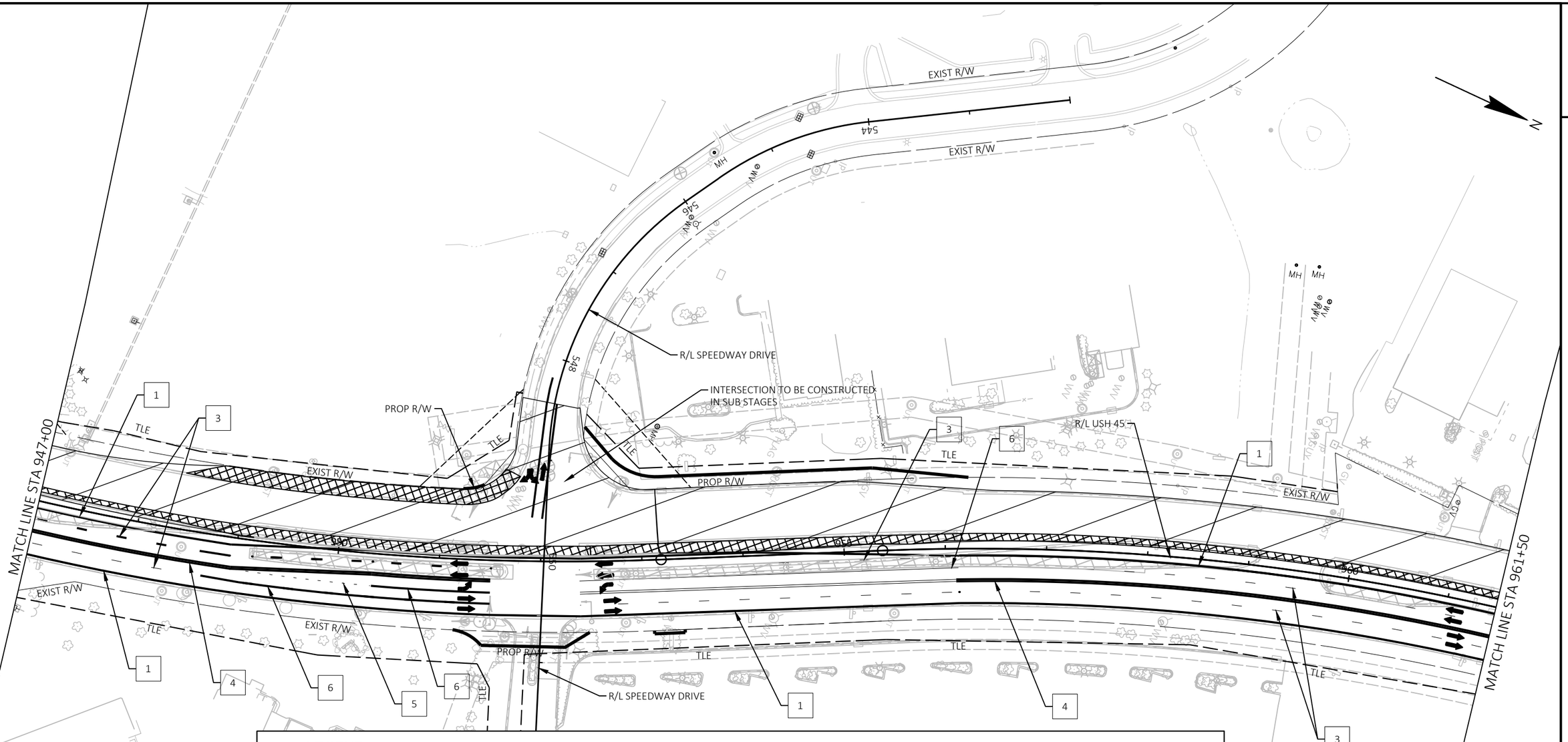
PRE_148

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026004-S2

PLOT DATE : 5/14/2021 8:13 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

- 1 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- 2 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- 3 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
- 4 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- 5 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
- 6 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- 7 TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
- 8 TEMPORARY MARKING ARROW PAINT (WHITE)
- 9 TEMPORARY MARKING WORD PAINT (WHITE)
- 10 TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET E

PRE_149

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026005-S2
PLOT DATE : 5/14/2021 8:13 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
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6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 961+50

MATCH LINE STA 975+50

R/L USH 45

TLE

EXIST R/W

R1707

R928'

970

975

PROP R/W

RIGHT-IN/RIGHT OUT

CONSTRUCT TEMPORARY PAVEMENT FOR STAGE 3 CROSSOVER AFTER SOUTHBOUND TRAFFIC SWITCHED TO STAGE 3 CONFIGURATION

R/L WHITNALL EDGE ROAD

R/L VENTURE DRIVE

652

654

662

FILLER CAPS

CANOPY

COLLEGE AVENUE

MH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026006-S2

PLOT DATE : 5/14/2021 8:13 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_150

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA 975+50

KELM ROAD

R/L USH 45

980

1

3

16 TRANSMISSION CENTER

CANOPY

FILLER CAPS

A/C

KAY PKWY

MH

N

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

- 1 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
- 2 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
- 3 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
- 4 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
- 5 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
- 6 TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
- 7 TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
- 8 TEMPORARY MARKING ARROW PAINT (WHITE)
- 9 TEMPORARY MARKING WORD PAINT (WHITE)
- 10 TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2	SHEET E

PRE_151

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S2.DWG
LAYOUT NAME - 026007-S2

PLOT DATE : 5/14/2021 8:13 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

STAGE 3

CONSTRUCTION

1. INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 3.
2. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 3 TRAFFIC CONTROL.
3. CONSTRUCT NORTHBOUND USH 45 PAVEMENT AND STORM SEWER AS SHOWN IN THE PLANS.
4. CONSTRUCT TEMPORARY STORM SEWER FOR STAGE 4.
5. PLACE EROSION CONTROL DEVICES AND FINISHING ITEMS THAT PERTAIN TO STAGE 3 CONSTRUCTION.

TRAFFIC

1. TRAFFIC WILL TRAVEL ON THE FINISHED SOUTHBOUND SIDE OF THE USH 45 ROADWAY. TRAFFIC WILL BE REDUCED TO TWO TRAVEL LANES IN EACH DIRECTION. SOUTHBOUND TRAFFIC WILL BE ON THE FINISHED ROADWAY, AND NORTHBOUND TRAFFIC WILL BE ON THE FINISHED ROADWAY AND TEMPORARY PAVEMENT. TEMPORARY TRAFFIC SIGNALS AND LEFT TURN LANES WILL BE REQUIRED AT SPEEDWAY DRIVE.
2. PHYLLIS LANE AND HERDA PLACE CAN EACH BE CLOSED INDIVIDUALLY, BUT NOT AT THE SAME TIME.
3. CORTEZ CIRCLE (SOUTH), CORTEZ CIRCLE (NORTH) CAN EACH BE CLOSED INDIVIDUALLY, BUT NOT AT THE SAME TIME.
4. WHITNALL EDGE ROAD AND VENTURE DRIVE WILL BE OPEN, BUT RESTRICTED TO RIGHT-IN/RIGHT-OUT MOVEMENTS.
5. STAGE CONSTRUCTION OPERATIONS TO ENSURE THAT ACCESS TO ALL PROPERTIES IS MAINTAINED AT ALL TIMES.

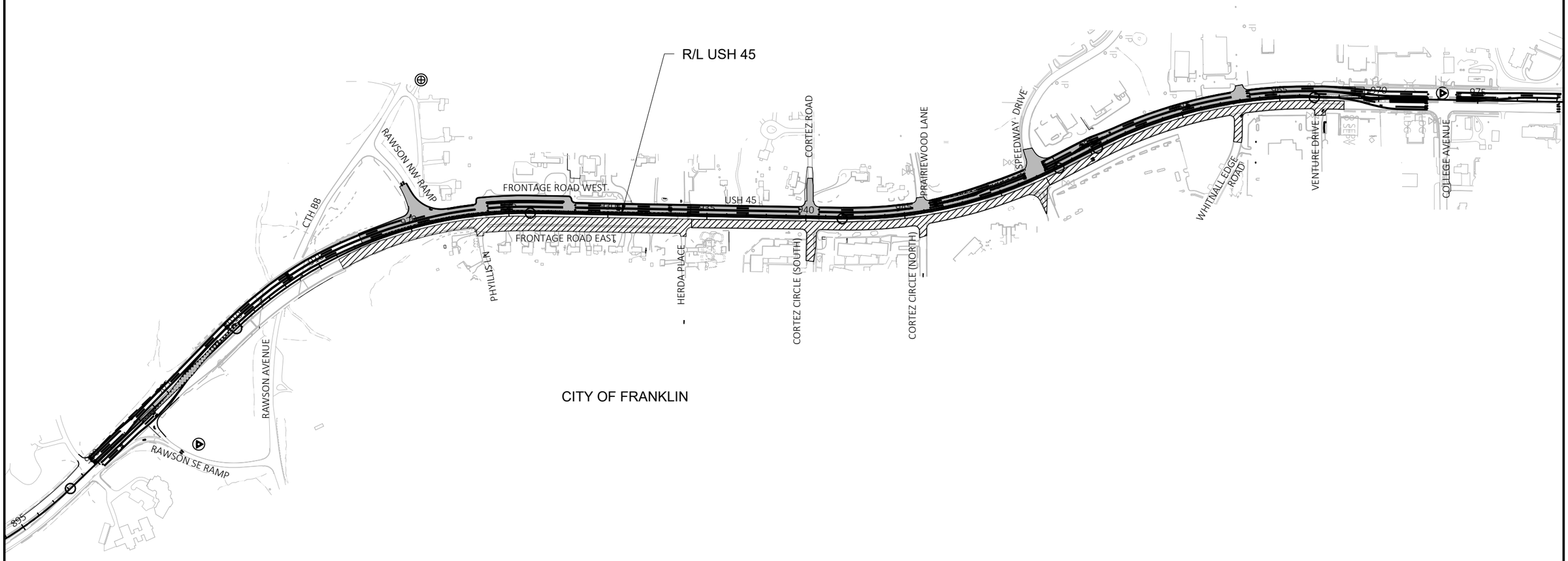
LEGEND

N

WORK AREA

DIRECTION OF TRAFFIC

COMPLETED CONSTRUCTION



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3 OVERVIEW	SHEET E

PRE_152

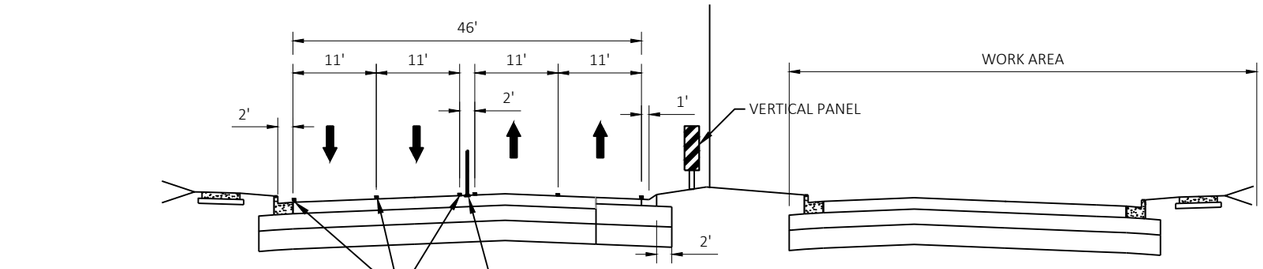
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LAYOUT NAME - 026000_s3

PLOT DATE : 5/14/2021 8:13 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2

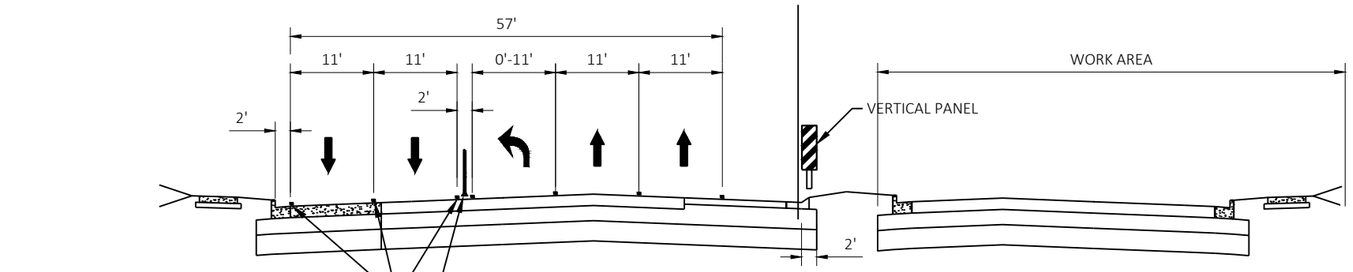
R/L
USH 45



STAGE 3 TYPICAL SECTION
USH 45

STA 916+00 TO STA 968+25

R/L
USH 45



STAGE 3 TYPICAL SECTION
USH 45

SPEEDWAY DRIVE

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS STAGE 3	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025104

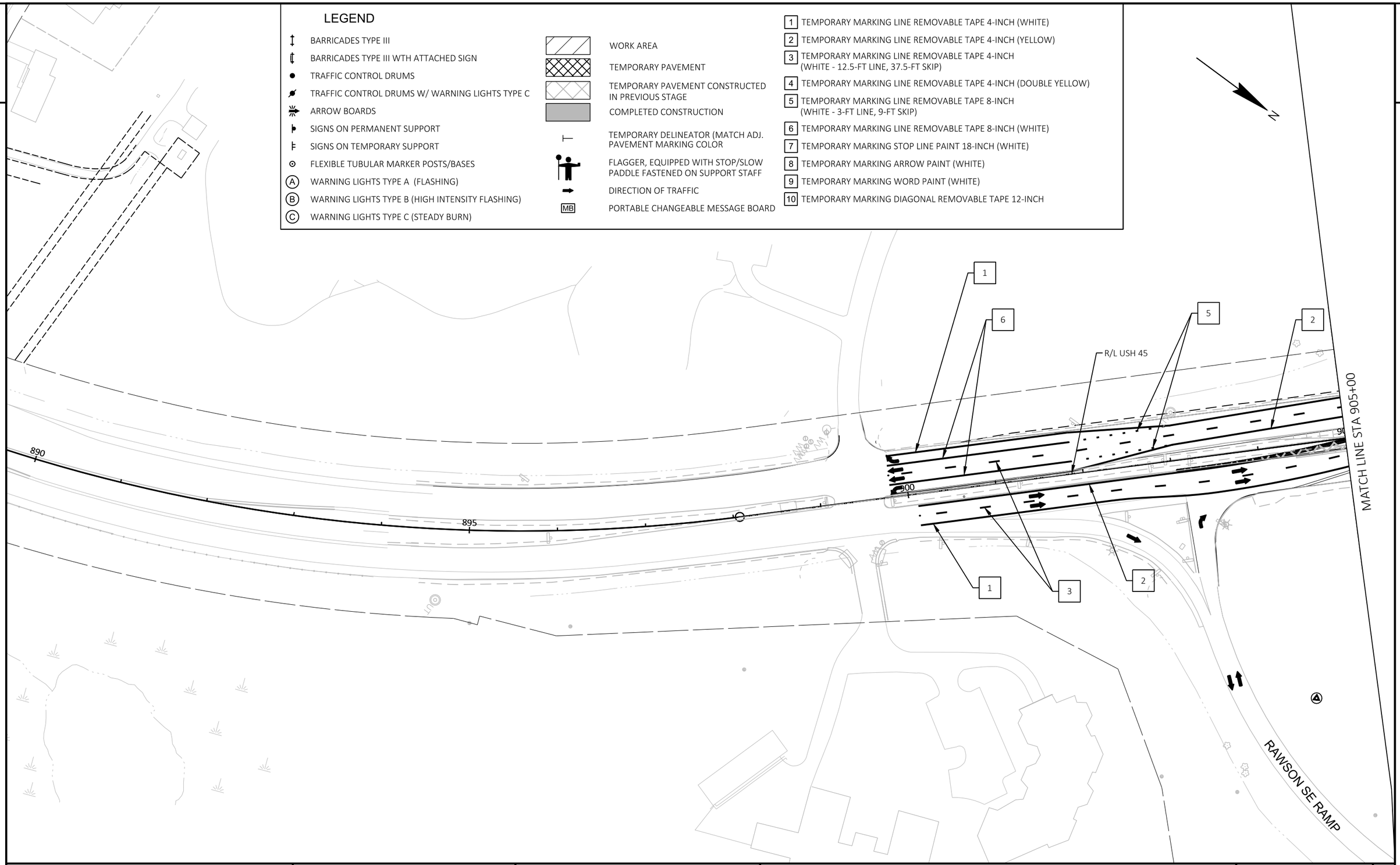
PLOT DATE : 5/14/2021 8:10 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:20 FT

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S3.DWG
LAYOUT NAME - 026001-S3

PLOT DATE : 5/14/2021 12:40 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

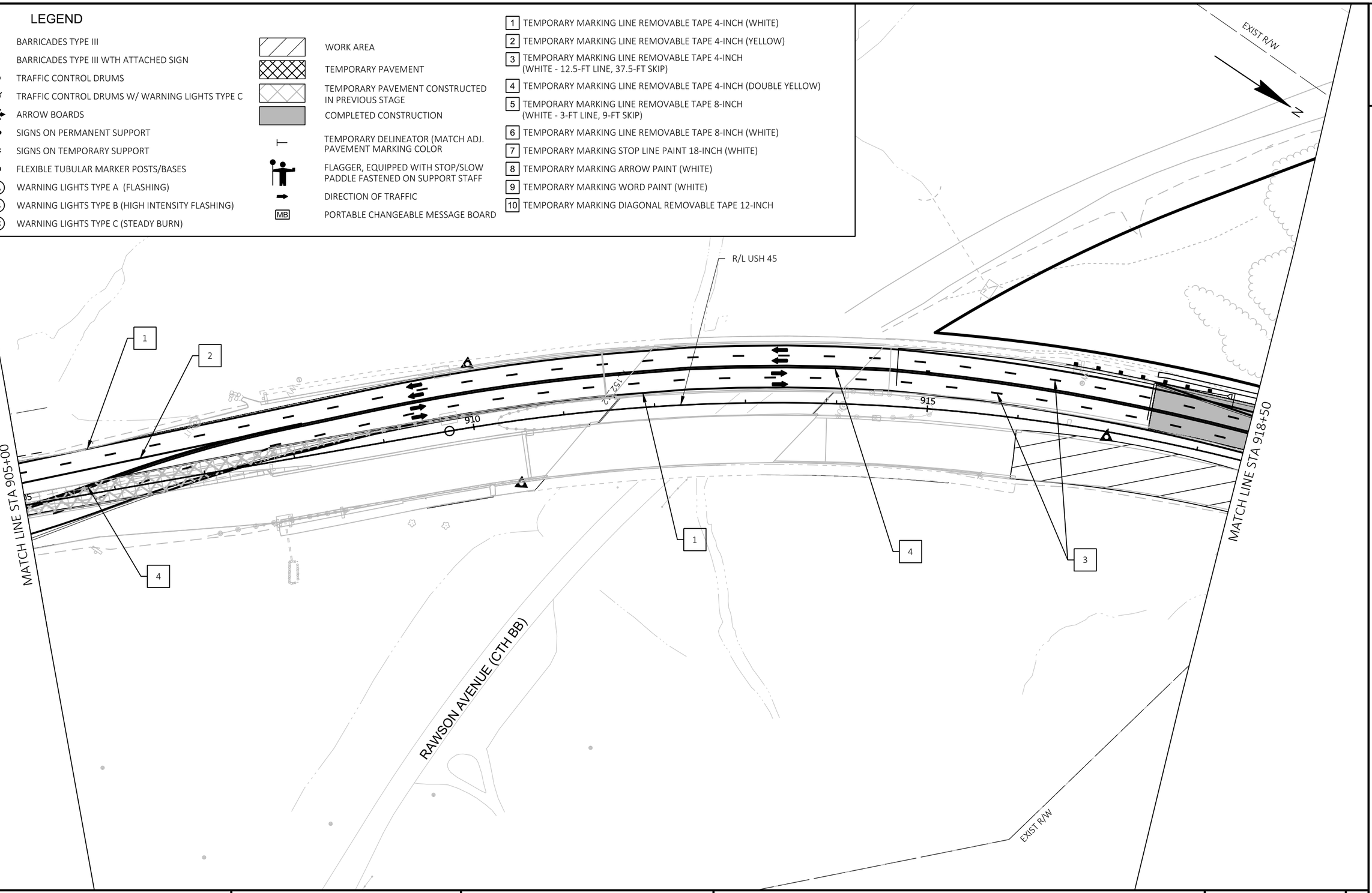
2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH



2

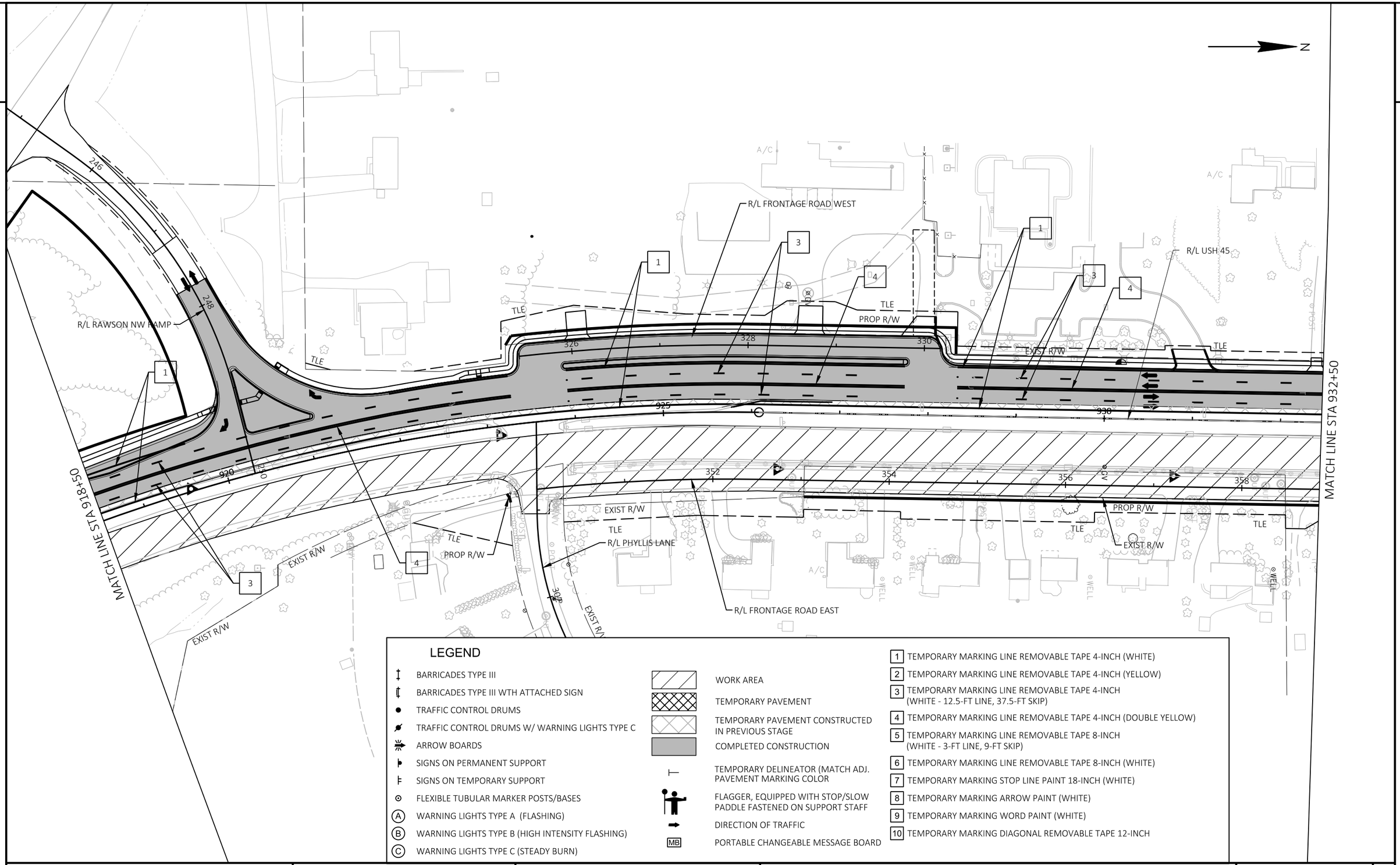
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S3.DWG
LAYOUT NAME - 026002-S3

PLOT DATE : 5/14/2021 12:40 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_155

WISDOT/CADDS SHEET 42



LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3	SHEET E

PRE_156

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S3.DWG
LAYOUT NAME - 026003-S3

PLOT DATE : 5/14/2021 12:40 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 932+50

MATCH LINE STA 947+00

R/L PRAIRIEWOOD LANE

R/L CORTEZ CIRCLE

R/L USH 45

R/L HERDA PLACE

R/L CORTEZ CIRCLE (SOUTH)

R/L CORTEZ CIRCLE (NORTH)

EXIST R/W

PROP R/W

TLE

935 940 945 360 402 404 498 450 452 502 504

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3	SHEET E

PRE_157

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S3.DWG
LAYOUT NAME - 026004-S3

PLOT DATE : 5/14/2021 12:40 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

EXIST R/W

544

EXIST R/W

MH

546

548

R/L SPEEDWAY DRIVE

MH MH

1 2 3 5 4 6

PROP R/W

TLE

EXIST R/W

6

TLE

PROP R/W

2 10 4

R/L USH 45

TLE

EXIST R/W

3 1

MATCH LINE STA 947+00

950

955

960

MATCH LINE STA 961+50

EXIST R/W

TLE

EXIST R/W

PROP R/W

TLE

TLE

EXIST R/W

TLE

INTERSECTION TO BE
COMPLETED IN SUB STAGES

TLE

R/L SPEEDWAY DRIVE

4 5

604

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3	SHEET E

PRE_158

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S3.DWG
LAYOUT NAME - 026005-S3

PLOT DATE : 5/14/2021 12:41 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 961+50

MATCH LINE STA 975+50

R/L USH 45

TLE

EXIST R/W

PROP R/W

965

970

975

652

654

662

INTERSECTION TO BE CONSTRUCTED IN SUB STAGES, RIGHT-IN/RIGHT-OUT

R/L WHITNALL EDGE ROAD

R/L VENTURE DRIVE

COLLEGE AVENUE

FILLER CAPS

CANOPY

MH

2

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3	SHEET E

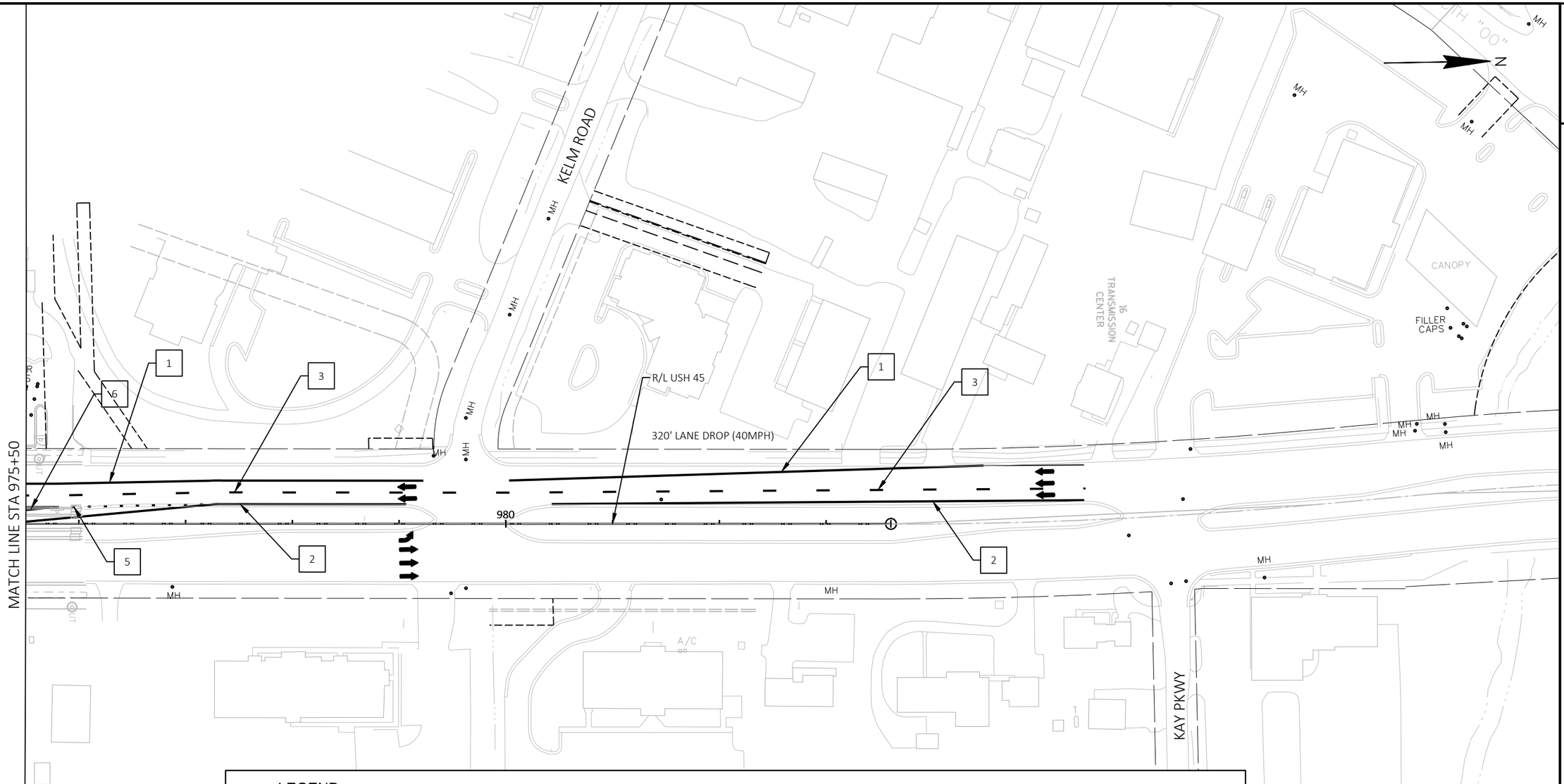
PRE_159

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S3.DWG
LAYOUT NAME - 026006-S3

PLOT DATE : 5/14/2021 12:41 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2


KELM ROAD
MH
MH
MH

2

STAGE 4

CONSTRUCTION

1. INSTALL PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES NECESSARY FOR STAGE 4.
2. REMOVE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 4 TRAFFIC CONTROL..
3. CONSTRUCT REMAINING USH 45 MEDIAN LANES, LEFT TURN LANES AND MEDIANS.
4. REMOVE THE CROSSOVERS AT THE NORTH AND SOUTH LIMITS.
5. PLACE EROSION CONTROL DEVICES AND FINISHING ITEMS THAT PERTAIN TO STAGE 4 CONSTRUCTION.

TRAFFIC

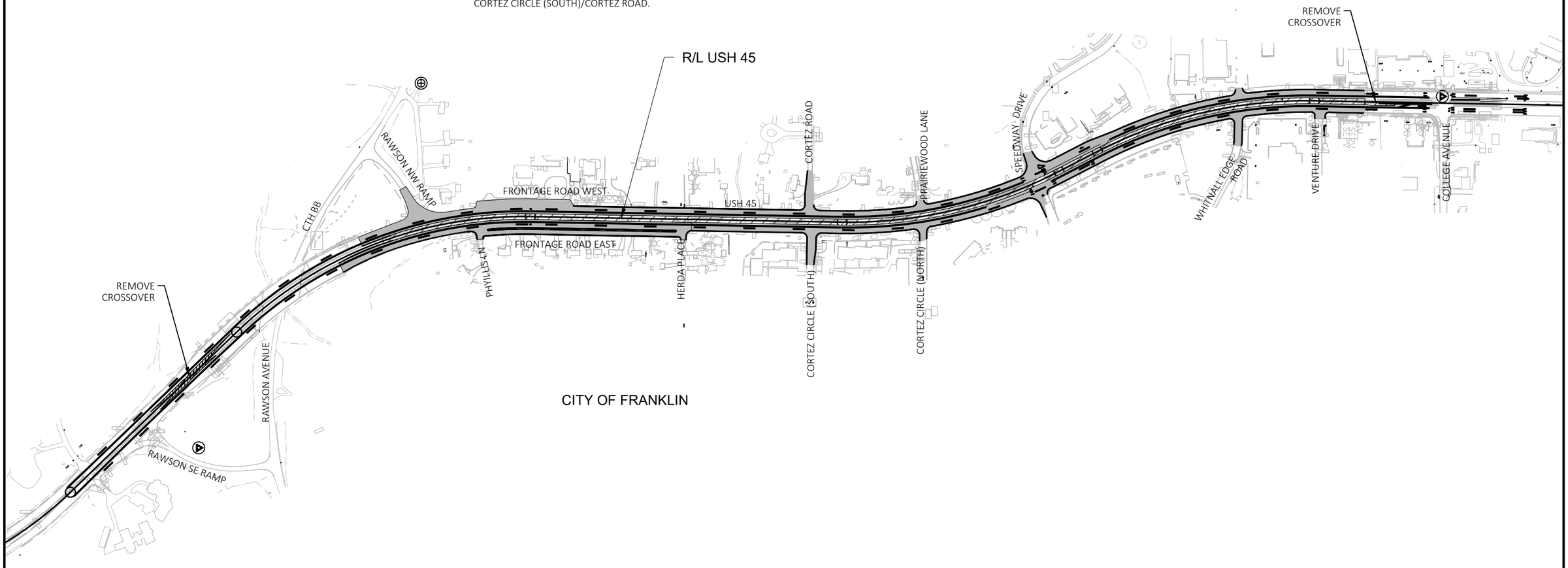
1. NORTHBOUND USH 45 TRAFFIC WILL REMAIN REDUCED TO TWO LANES AND WILL TRAVEL ON THE NORTHBOUND FINISHED ROADWAY, WITH THE MEDIAN LANE CLOSED.
2. SOUTHBOUND USH 45 TRAFFIC WILL REMAIN REDUCED TO TWO LANES AND WILL REMAIN IN THE STAGE 3 CONFIGURATION, WITH THE MEDIAN LANE CLOSED.
3. STAGE CONSTRUCTION OPERATIONS TO ENSURE ACCESS TO SIDE ROADS AT THE INTERSECTIONS ARE MAINTAINED AND MEDIAN ACCESS IS MAINTAINED. THE FOLLOWING MEDIAN CLOSURES WILL BE ALLOWED:
   - 3.1. THE PHYLLIS LANE AND HERDA PLACE MEDIANS CAN EACH BE CLOSED INDIVIDUALLY, BUT NOT AT THE SAME TIME.
   - 3.2. THE CORTEZ CIRCLE (SOUTH)/CORTEZ ROAD AND CORTEZ CIRCLE (NORTH)/PRAIRIEWOOD LANE MEDIANS CAN EACH BE CLOSED INDIVIDUALLY, BUT NOT AT THE SAME TIME.
   - 3.3. SINCE THE CORTEZ CIRCLE (NORTH)/PRAIRIEWOOD LANE MEDIAN WILL REMOVE ACCESS, IT SHALL BE CONSTRUCTED AFTER CORTEZ CIRCLE (SOUTH)/CORTEZ ROAD.

LEGEND

N

WORK AREA

DIRECTION OF TRAFFIC



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4 OVERVIEW	SHEET E

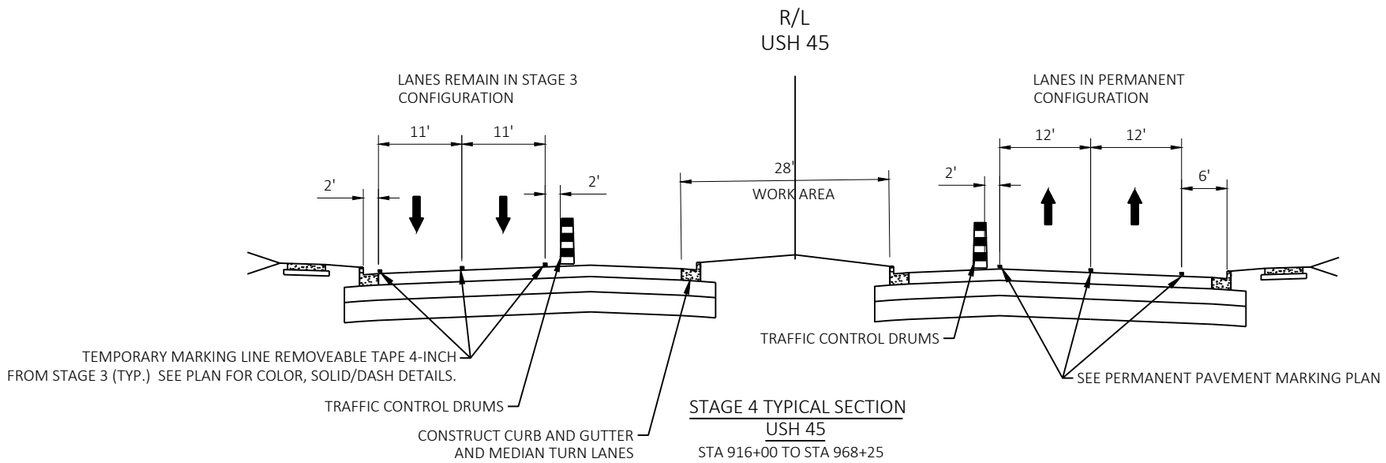
PRE_161

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026000-S4.DWG
LAYOUT NAME - 026000_s4

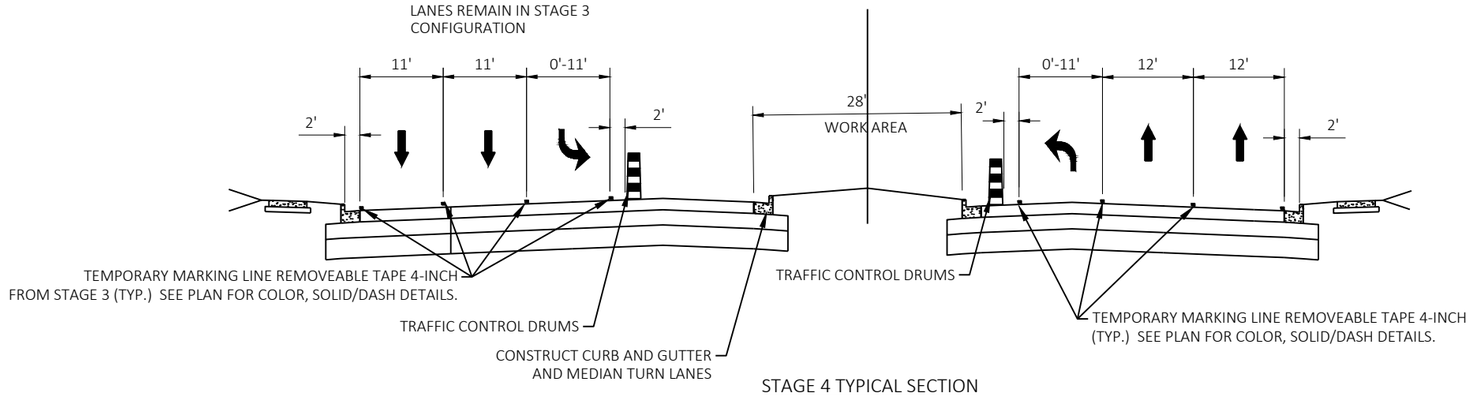
PLOT DATE : 5/14/2021 8:15 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:500 FT

WISDOT/CADDS SHEET 42

2



STAGE 4 TYPICAL SECTION
USH 45
STA 916+00 TO STA 968+25



STAGE 4 TYPICAL SECTION
USH 45
SPEEDWAY DRIVE

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL TYPICAL SECTIONS STAGE 4	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\025100-TC.DWG
LAYOUT NAME - 025105
PLOT DATE : 5/14/2021 8:10 AM
PLOT BY : JAKE BONDHUS
PLOT NAME :
PLOT SCALE : 1 IN:20 FT

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
5. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE - 3-FT LINE, 9-FT SKIP)
6. TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH (WHITE)
7. TEMPORARY MARKING STOP LINE PAINT 18-INCH (WHITE)
8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

SIGN

890

895

900

R/L USH 45

MATCH LINE STA 905+00

RAWSON SE RAMP

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4	SHEET E

PRE_163

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026001-S4

PLOT DATE : 5/14/2021 12:42 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

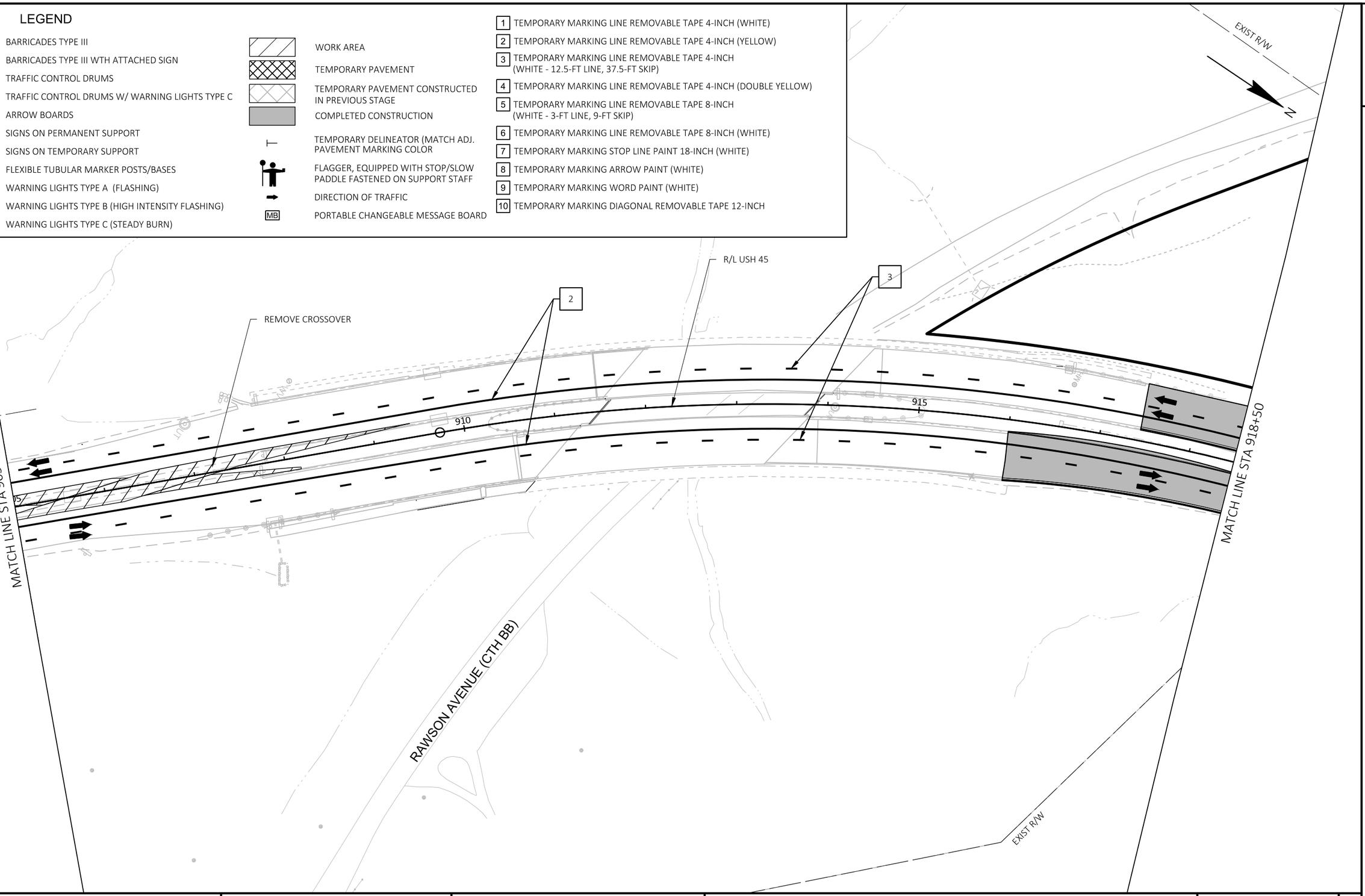
2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

1. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE)
2. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (YELLOW)
3. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (WHITE - 12.5-FT LINE, 37.5-FT SKIP)
4. TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH (DOUBLE YELLOW)
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8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH



2

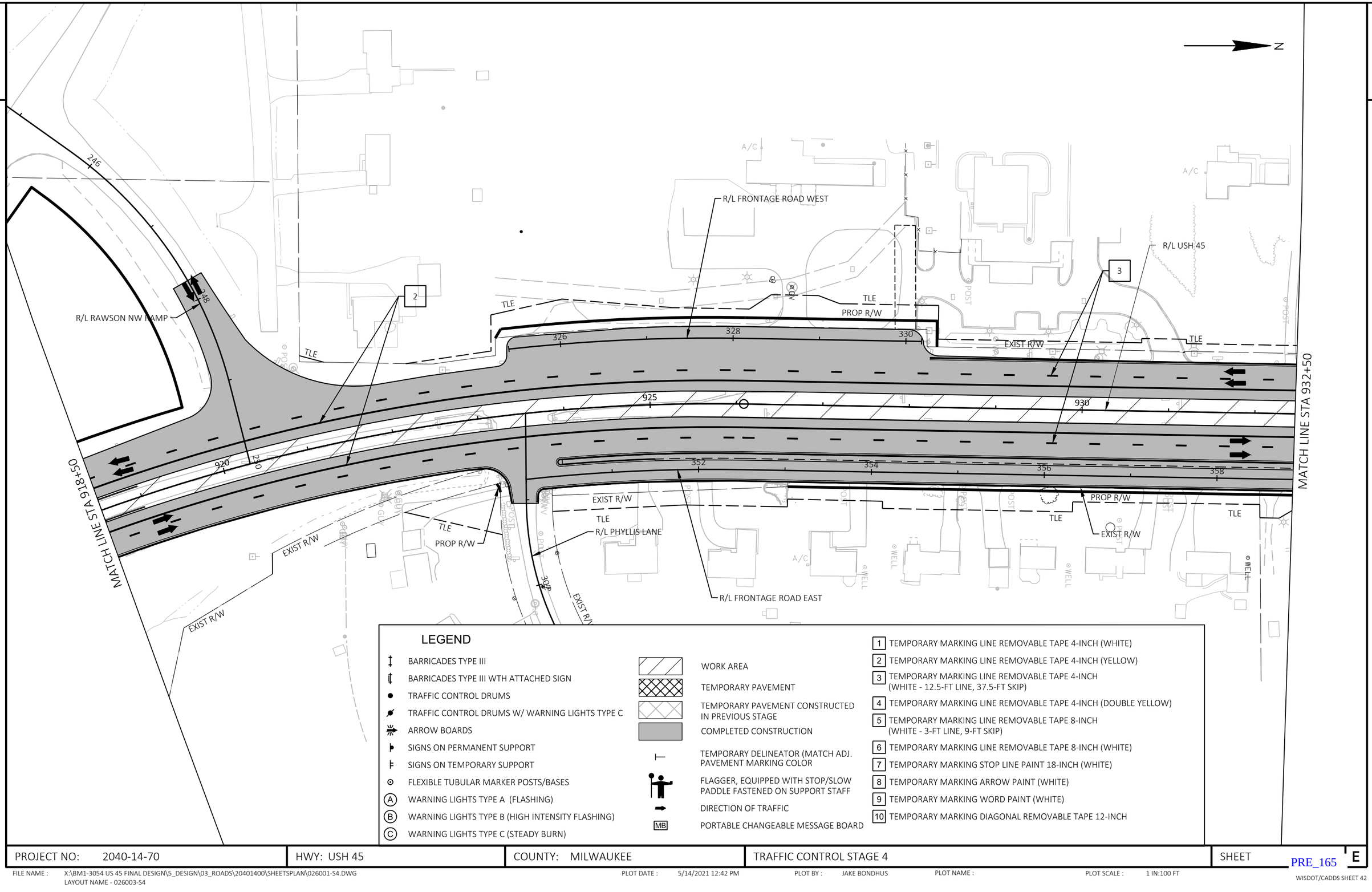
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4	SHEET E

PRE_164

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026002-S4

PLOT DATE : 5/14/2021 12:42 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42



LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

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8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026003-S4

PLOT DATE : 5/14/2021 12:42 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
- (A) WARNING LIGHTS TYPE A (FLASHING)
- (B) WARNING LIGHTS TYPE B (HIGH INTENSITY FLASHING)
- (C) WARNING LIGHTS TYPE C (STEADY BURN)

- WORK AREA
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT CONSTRUCTED IN PREVIOUS STAGE
- COMPLETED CONSTRUCTION
- TEMPORARY DELINEATOR (MATCH ADJ. PAVEMENT MARKING COLOR
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF
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8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 932+50

MATCH LINE STA 947+00

R/L PRAIRIEWOOD LANE

R/L CORTEZ CIRCLE

R/L USH 45

R/L CORTEZ CIRCLE (SOUTH)

R/L CORTEZ CIRCLE (NORTH)

R/L HERDA PLACE

EXIST R/W

PROP R/W

TLE

935 940 945

360 402 404 448 452 498 502 504

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4	SHEET E

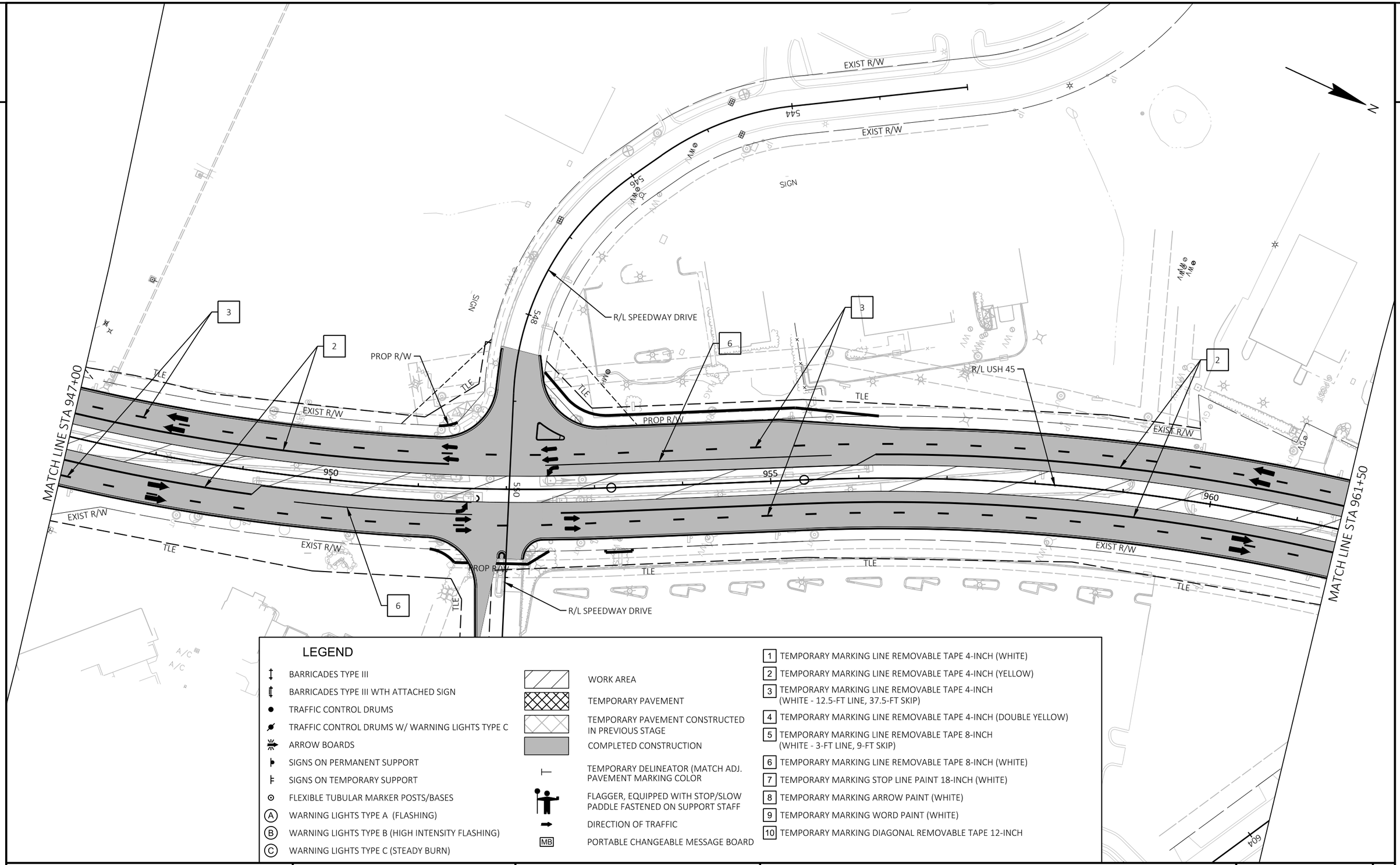
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026004-S4

PLOT DATE : 5/14/2021 12:42 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_166

WISDOT/CADDS SHEET 42

2



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026005-S4

PLOT DATE : 5/14/2021 12:42 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
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- COMPLETED CONSTRUCTION
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8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

N

MATCH LINE STA 961+50

MATCH LINE STA 975+50

COLLEGE AVENUE

R/L USH 45

R/L WHITNALL EDGE ROAD

R/L VENTURE DRIVE

REMOVE CROSSOVER

TLE

EXIST R/W

PROP R/W

SIGN

CANOPY

965

970

975

652

654

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4	SHEET E

PRE_168

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026006-S4

PLOT DATE : 5/14/2021 12:42 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

MATCH LINE STA 975+50

KELM ROAD

SIGN

R/L USH 45

980

320' LANE DROP

16 TRANSMISSION CENTER

CANOPY

PHONE

A/C

KAY PKWY

1

2

3

LEGEND

- BARRICADES TYPE III
- BARRICADES TYPE III WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUMS
- TRAFFIC CONTROL DRUMS W/ WARNING LIGHTS TYPE C
- ARROW BOARDS
- SIGNS ON PERMANENT SUPPORT
- SIGNS ON TEMPORARY SUPPORT
- FLEXIBLE TUBULAR MARKER POSTS/BASES
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8. TEMPORARY MARKING ARROW PAINT (WHITE)
9. TEMPORARY MARKING WORD PAINT (WHITE)
10. TEMPORARY MARKING DIAGONAL REMOVABLE TAPE 12-INCH

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 4	SHEET E

PRE_169

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\026001-S4.DWG
LAYOUT NAME - 026007-S4

PLOT DATE : 5/14/2021 12:42 PM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

RAMP DETAIL

500'

500'

N

W Rawson Ave

S 92nd St

S Lovers Lane Rd

W Forest Home Ave

S 76th St

W Loomis Rd

W Church St

W Drexel Ave

W St Martins Rd

S North Cape Rd

W Forest Hill Ave

W Puetz Rd

Legends Park

Tuckaway Country Club

Franklin

J

MM

45

100

36

K



RAMP TO RAWSON AVENUE FROM US 45 OPEN, RAMP FROM RAWSON AVENUE TO US 45 CLOSED, FOLLOW DETOUR

ROAD CLOSED SIGN ON TYPE 3 BARRICADE WITH TYPE A WARNING LIGHT (FLASHING)

RAMP DETAIL

GENERAL NOTES FOR DETOUR SIGNING

THE EXACT LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS

ALL SIGNS INAPPROPRIATE TO THE TRAFFIC CONTROL ZONE SHALL BE COVERED OR REMOVED AS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER

THE ERECTION AND PLACEMENT OF SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES

DETOUR SIGNING SHALL BE PERFORMED BY THE CONTRACTOR

NOTES

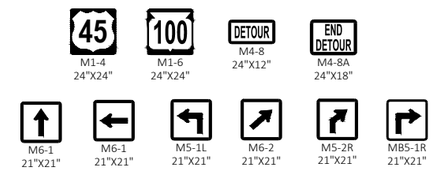
USE SIZE 3 SIGNS ON FREEWAY.
USE SIZE 2 SIGNS ON RAMPS AND HIGHWAYS.

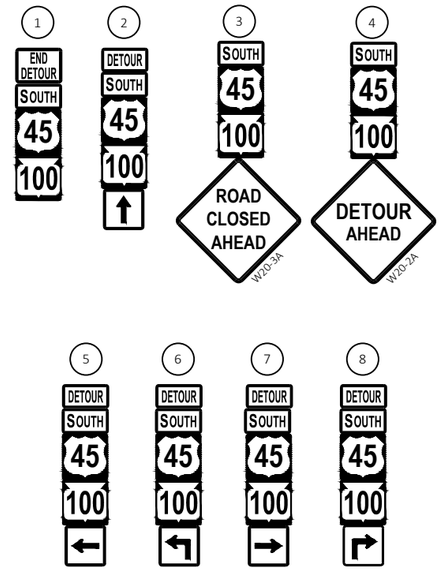
LEGEND

PROPOSED SIGN AND SIGN SUPPORT

DETOUR ROUTE

WORK ZONE





PROJECT NO: 1160-00-79	HWY: STH 73	COUNTY: WAUSHARA	DETOUR - IH 39 SB RAMP CLOSURE (OVERVIEW)	SHEET E

PRE_170

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\027001-DT.DWG
LAYOUT NAME - 027001-01

PLOT DATE : 5/14/2021 8:17 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 42

2

2

N

MATCHLINE STA 902+00

CONCRETE MONUMENT
Y= 252,275.78
X= 568,606.69

CURVE 1
PI STA = 890+96.63
Y = 252576.144
X = 571266.073
DELTA = 45°07'30"
D = 2°59'59"
T = 793.59'
L = 1504.27'
R = 1910.00'
PC STA = 883+03.05
Y = 251782.731
X = 571249.415
PT STA = 898+07.32
Y = 253147.752
X = 570715.578
BK = N01°12'10.0"E
AH = N43°55'19.5"W

¼ SECTION LINE

PT: 898+07.32

900

895

890

CURVE 1

R/L USH 45

PC: 883+03.05

CONCRETE MONUMENT
Y= 249,643.39
X= 571,204.51

N1° 12' 10"E
2139.76'

875

880

885

USH 45

¼ SECTION LINE

PI: 890+96.63

CONCRETE MONUMENT
W/ BRASS CAP
Y= 252,287.17
X= 571,260.07

CONCRETE MONUMENT
W/ BRASS CAP
Y= 252,309.17
X= 573,905.88

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_171

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 027201

PLOT DATE : 5/14/2021 8:17 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

CURVE 2
PI STA = 918+35.32
Y = 254608.485
X = 569308.798
DELTA = 44°56'31"
D = 2°44'53"
T = 862.40'
L = 1635.44'
R = 2085.00'
PC STA = 909+72.92
Y = 253987.316
X = 569907.024
PT STA = 926+08.36
Y = 255470.744
X = 569324.146
BK = N43°55'19.5"W
AH = N01°01'11.0"E
S.E. = 3.5%

CURVE 3
PI STA = 247+44.86
Y = 254832.657
X = 569132.358
DELTA = 40°10'27"
D = 12°05'26"
T = 173.30'
L = 332.28'
R = 473.89'
PC STA = 245+71.56
Y = 254691.463
X = 569031.878
PT STA = 249+03.84
Y = 254875.720
X = 569300.219
BK = N35°26'15.2"E
AH = N75°36'41.7"E
S.E. = 2.0%

CONCRETE MONUMENT
W/ SEWRPC CAP
Y= 254,918.89
X= 568,651.03

N

BP: 244+71.89
Y= 254,610.25
X= 568,974.09

PI: 245+71.56

245
N35° 26' 15"E
99.67'

CURVE 3

PI: 247+44.86

RAWSON NW RAMP

R/L RAWSON
NW RAMP

PI: 918+35.32

PT: 249+03.84

96.16'
N75° 36' 42"E

920

CURVE 2

915

USH 45

910

R/L USH 45

PC: 909+72.92

BEGIN PROJECT
STA 913+89
MATCH EXISTING
SAW CUT REQ'D

USH 45 STA 923+55.51 =
POB PHYLLIS LANE STA 300+00.00
Y= 255,218.28
X= 569,334.97

R/L FRONTAGE ROAD WEST

BP: 325+40.08
Y= 255,198.99
X= 569,260.59

PI: 326+77.06

PT: 328+13.68

EP: 330+18.12
Y= 255,676.54
X= 569,251.80

USH 45 STA 933+80.24 =
POB HERDA PLACE STA 400+00.00
Y= 256,242.50
X= 569,337.88

330

FRONTAGE ROAD WEST

CURVE 9

925

PT: 926+08.36

930

N1° 01' 11"E
1574.85'

PI: 351+25.60

355

N1° 01' 11"E
773.95'

360

CURVE 10

N89° 30' 16"E
102.06'

PC: 301+02.06

FRONTAGE ROAD EAST

R/L FRONTAGE ROAD EAST

PT: 352+50.86

PHYLLIS LANE STA 300+76.35 =
POB FRONTAGE ROAD WEST
STA 350+00.00
Y= 255,218.94
X= 569,411.32

302

PHYLLIS LANE

CURVE 5

304

PT: 304+73.64

EP: 304+99.40
Y= 255,427.88
X= 569,749.46

N27° 04' 40"E
25.75'

PI: 303+08.71

R/L PHYLLIS LANE

USH 45 STA 920+31.21 =
POE RAWSON NW RAMP
STA 250+00.00
Y= 254,899.62
X= 569,393.36

POE FRONTAGE ROAD WEST STA 360+24.82 =
HERDA PLACE STA 400+76.03
Y= 256,243.22
X= 569,413.91

500.00'

N89° 27' 26"E

HERDA PLACE

R/L HERDA PLACE

EP: 405+00.00
Y= 256,247.24
X= 569,837.86

MATCHLINE STA 935+00

$\frac{1}{16}$ SECTION LINE

$\frac{1}{4}$ SECTION LINE

$\frac{1}{16}$ SECTION LINE

$\frac{1}{4}$ SECTION LINE

$\frac{1}{16}$ SECTION LINE

$\frac{1}{16}$ SECTION LINE

CONCRETE MONUMENT
W/ SEWRPC CAP
Y= 254,938.62
X= 571,305.02

N43° 55' 20"W
1165.60'

BP: 200+00.00

905

USH 45 STA 903+12.45 =
POB RAWSON SE RAMP STA 200+00.00
Y= 253,511.59
X= 570,365.18

PC: 201+24.74

R/L RAWSON
SE RAMP

N43° 14' 52"E
124.74'

202

RAWSON SE RAMP

204

206

CURVE 4

PI: 203+93.08

PT: 206+22.82

EP: 207+22.23
Y= 254,160.51
X= 570,573.20

N9° 35' 46"W
99.41'

MATCHLINE STA 902+00

CURVE 4
PI STA = 203+93.08
Y = 253797.905
X = 570634.501
DELTA = 52°50'38"
D = 10°36'34"
T = 268.34'
L = 498.08'
R = 540.05'
PC STA = 201+24.74
Y = 253602.448
X = 570450.648
PT STA = 206+22.82
Y = 254062.489
X = 570589.769
BK = N43°14'52.0"E
AH = N09°35'46.1"W

CURVE 5
PI STA = 303+08.71
Y = 255220.950
X = 569643.670
DELTA = 62°25'36"
D = 16°48'01"
T = 206.65'
L = 371.58'
R = 341.04'
PC STA = 301+02.06
Y = 255219.163
X = 569437.028
PT STA = 304+73.64
Y = 255404.949
X = 569737.737
BK = N89°30'16.0"E
AH = N27°04'39.9"E

CURVE 6
N/A

CURVE 7
N/A

CURVE 8
N/A

CURVE 9
PI STA = 326+77.06
Y = 255335.165
X = 569245.719
DELTA = 7°15'15"
D = 2°39'05"
T = 136.98'
L = 273.60'
R = 2161.00'
PC STA = 325+40.08
Y = 255198.993
X = 569260.592
PT STA = 328+13.68
Y = 255472.125
X = 569248.158
BK = N06°14'00.8"W
AH = N01°01'13.8"E

CURVE 10
PI STA = 351+25.60
Y = 255343.816
X = 569397.899
DELTA = 7°09'16"
D = 2°51'07"
T = 125.60'
L = 250.86'
R = 2009.00'
PC STA = 350+00.00
Y = 255218.940
X = 569411.321
PT STA = 352+50.86
Y = 255469.391
X = 569400.134
BK = N06°08'05.3"W
AH = N01°01'11.1"E

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_172

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 027202

PLOT DATE : 5/14/2021 8:17 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

2

N

CURVE 11
PI STA = 947+62.96
Y = 257625.006
X = 569362.491
DELTA = 28°21'15"
D = 2°29'48"
T = 579.75'
L = 1135.74'
R = 2295.00'
PC STA = 941+83.21
Y = 257045.348
X = 569352.173
PT STA = 953+18.95
Y = 258140.021
X = 569096.278
BK = N01°01'11.0"E
AH = N27°20'04.3"W
S.E. = 2.0%

CURVE 12
PI STA = 544+81.23
Y = 258073.680
X = 568659.712
DELTA = 28°44'44"
D = 17°54'18"
T = 82.00'
L = 160.55'
R = 320.00'
PC STA = 543+99.23
Y = 258143.831
X = 568617.251
PT STA = 545+59.77
Y = 258032.595
X = 568730.677
BK = S31°11'08.5"E
AH = S59°55'52.4"E

CURVE 13
PI STA = 547+55.48
Y = 257934.539
X = 568900.046
DELTA = 52°23'44"
D = 17°54'18"
T = 157.44'
L = 292.63'
R = 320.00'
PC STA = 545+98.04
Y = 258013.424
X = 568763.790
PT STA = 548+90.67
Y = 257994.350
X = 569045.686
BK = S59°55'52.4"E
AH = N67°40'23.9"E

R/L SPEEDWAY DRIVE

PI: 544+81.23

CONCRETE MONUMENT
W/ SEWRPC CAP
Y= 257,564.84
X= 568,699.34

199.23'
S31° 11' 09"E
BP: 542+00.00
Y= 258,314.27
X= 568,514.09

PC: 543+99.23

SECTION LINE

38.16'
S59° 55' 52"E

545

CURVE 12

SECTION LINE

MATCHLINE STA 960+00

SPEEDWAY DRIVE

PT: 545+59.77

PC: 545+98.04

PI: 547+55.48

CURVE 13

PT: 953+18.95

PC: 955+38.00

PT: 548+90.67

N27° 20' 04"W 955
219.04'

R/L USH 45

N67° 40' 24"E
109.33'

USH 45 STA 952+03.18 =
SPEEDWAY DRIVE STA 550+00.00
Y= 258,035.88
X= 569,146.82

950

CURVE 11

N67° 40' 24"E
228.63'

EP: 552+28.63
Y= 258,122.74
X= 569,358.31

BP: 445+00.00
Y= 256,882.09
X= 568,849.33

446

500.00'
N89° 38' 04"E
448

CORTEZ ROAD

PC: 941+83.21

R/L CORTEZ ROAD

USH 45 STA 940+23.12 =
POE CORTEZ ROAD STA 450+00.00
Y= 256,885.28
X= 569,349.32

MATCHLINE STA 935+00

935

940

945

USH 45

BP: 497+00.00
Y= 257,403.48
X= 569,027.22

R/L PRAIRIE WOOD LANE

300.00'
N79° 27' 31"E

PRAIRIE WOOD LANE

USH 45 STA 945+97.88 =
POB PRAIRIE WOOD
ROAD STA 500+00.00
Y= 257,458.36
X= 569,322.16

USH 45 STA 940+25.82 =
POB CORTEZ CIRCLE (SOUTH)
STA 450+00.00
Y= 256,887.98
X= 569,349.37

R/L CORTEZ CIRCLE (SOUTH)

452

400.00'
S88° 59' 32"E

CORTEZ CIRCLE (SOUTH)

EP: 454+00.00
Y= 256,880.95
X= 569,749.31

USH 45 STA 945+93.78 =
POB CORTEZ CIRCLE
(NORTH) STA 500+00.00
Y= 257,454.32
X= 569,322.82

R/L CORTEZ CIRCLE (NORTH)

400.00'
N89° 50' 52"E

502

CORTEZ CIRCLE (NORTH)

504

EP: 504+00.00
Y= 257,455.38
X= 569,722.82

PI: 949+29.47

1/16 SECTION LINE

CONCRETE MONUMENT
W/ SEWRPC CAP
Y= 257,573.74
X= 571,355.01

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_173

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 027203

PLOT DATE : 5/14/2021 8:17 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

2

CURVE 14

PI STA = 961+17.85
Y = 258849.712
X = 568729.438
DELTA = 28°21'32"
D = 2°29'48"
T = 579.85'
L = 1135.93'
R = 2295.00'
PC STA = 955+38.00
Y = 258334.607
X = 568995.696
PT STA = 966+73.93
Y = 259429.471
X = 568739.805
BK = N27°20'04.3"W
AH = N01°01'28.1"E
S.E. = 2.0%

CURVE 15

PI STA = 602+32.30
Y = 259044.681
X = 568996.921
DELTA = 27°34'55"
D = 19°05'55"
T = 73.64'
L = 144.42'
R = 300.00'
PC STA = 601+58.66
Y = 259046.075
X = 568923.297
PT STA = 603+03.08
Y = 259009.356
X = 569061.531
BK = S88°54'53.9"E
AH = S61°19'59.4"E

CONCRETE MONUMENT
W/ SEWRPC CAP
CLOSING CORNER
Y= 260,047.57
X= 566,039.46

CONCRETE
MONUMENT W/ CAP
Y= 260,076.62
X= 568,717.92

CONCRETE MONUMENT
W/ SEWRPC CAP
Y= 262,719.56
X= 568,766.80

CONCRETE MONUMENT
CLOSING CORNER
Y= 260,077.00
X= 568,743.32

CONCRETE MONUMENT
W/ SEWRPC CAP
Y= 260,101.89
X= 571,396.06

N

1/16 SECTION LINE

SECTION LINE

PI: 961+17.85

USH 45 STA 962+92.28 =
POB WHITNALL EDGE
ROAD STA 600+00.00
Y= 259,049.08
X= 568,764.67

PT: 966+73.93

END PROJECT
STA 968+80
MATCH EXISTING
SAW CUT REQ'D

R/L USH 45

EP: 983+60.71
Y= 261,115.98
X= 568,769.96

MATCHLINE STA 960+00

CURVE 14

BP: 600+00.00

965

970

975

980

N1° 01' 28"E
1686.78'

USH 45

USH 45 STA 966+93.91 =
POB VENTURE DRIVE
STA 650+00.00
Y= 259,449.45
X= 568,740.16

R/L VENTURE DRIVE

158.66'
S88° 54' 54"E

WHITNALL
EDGE ROAD

PC: 601+58.66

602

PI: 602+32.30

CURVE 15

PT: 603+03.08

604

196.92'
S61° 19' 59"E

R/L WHITNALL EDGE ROAD

EP: 605+00.00
Y= 258,914.89
X= 569,234.32

652

500.00'
N89° 24' 07"E

654

VENTURE DRIVE

EP: 655+00.00
Y= 259,454.67
X= 569,240.14

CITY OF FRANKLIN

VILLAGE OF HALES CORNERS

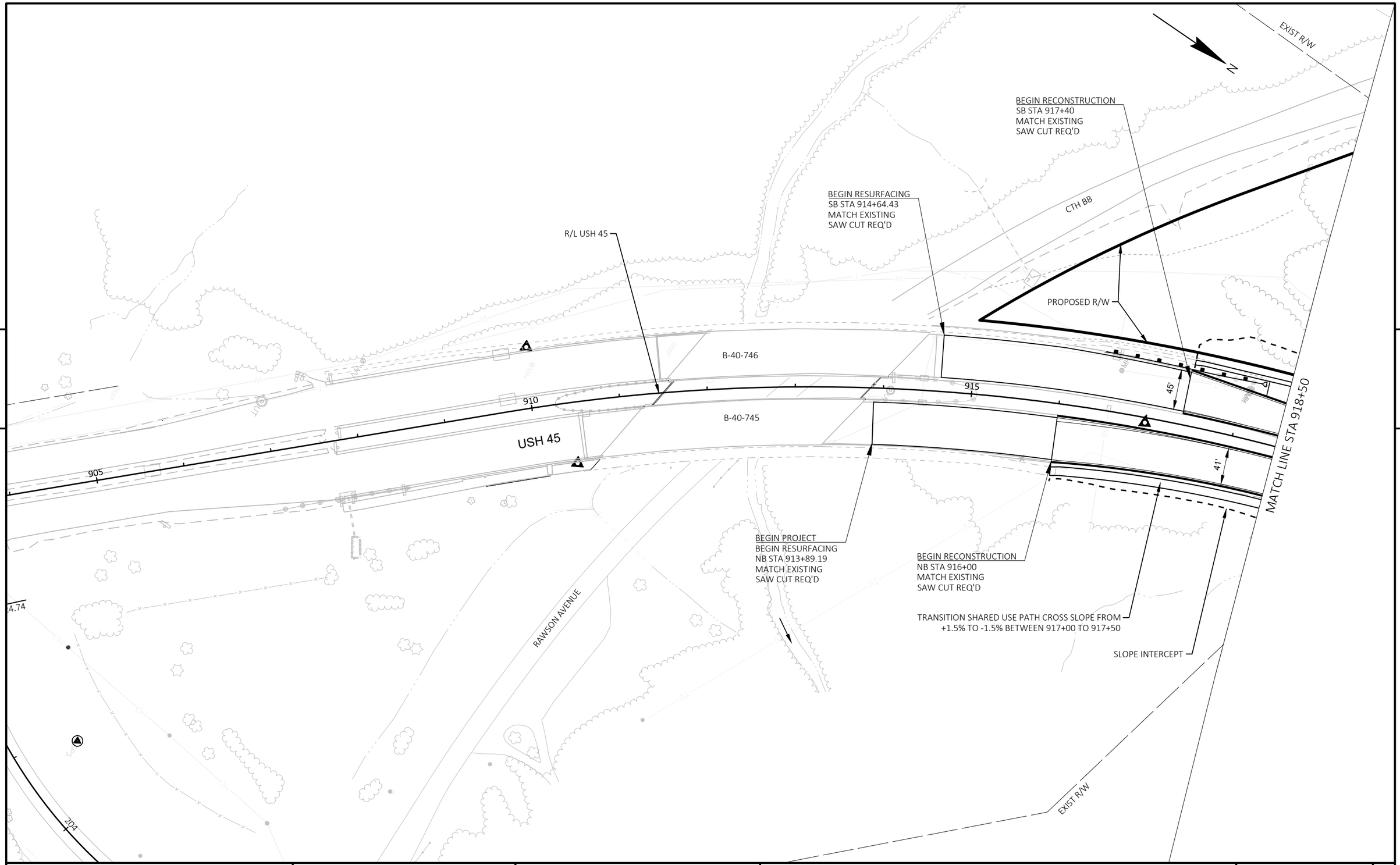
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\027201-AD.DWG
LAYOUT NAME - 027204

PLOT DATE : 5/14/2021 8:17 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:200 FT

PRE_174

WISDOT/CADDS SHEET 42



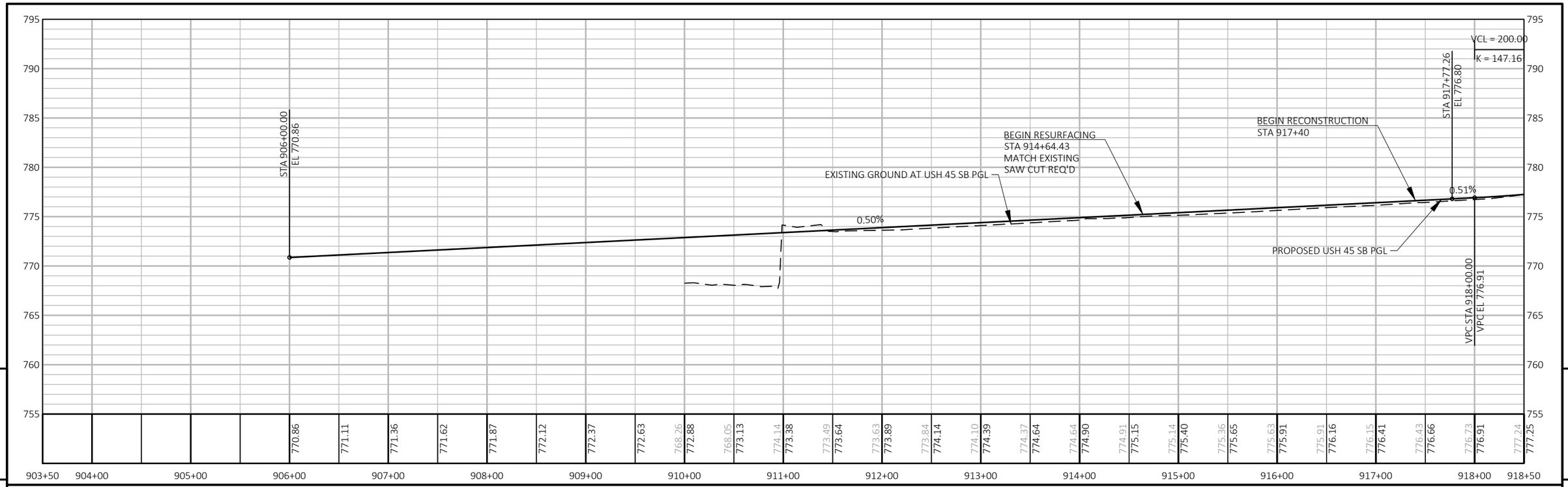
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN USH 45	SHEET E

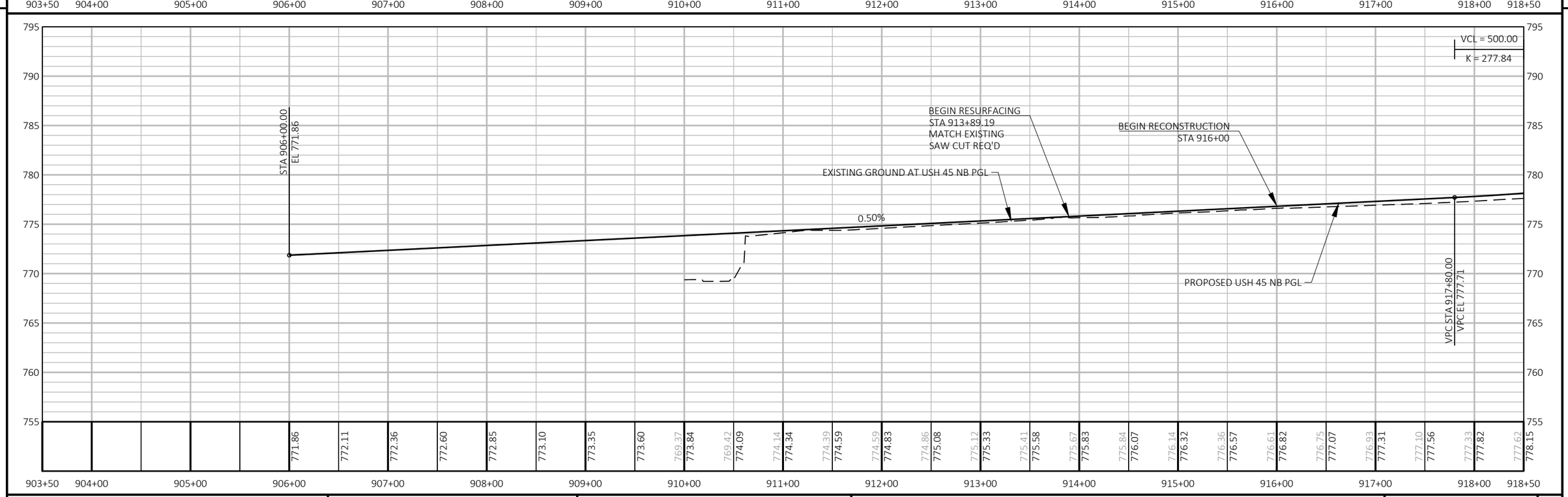
PRE_175

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050201

PLOT DATE : 5/14/2021 8:18 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





5 5

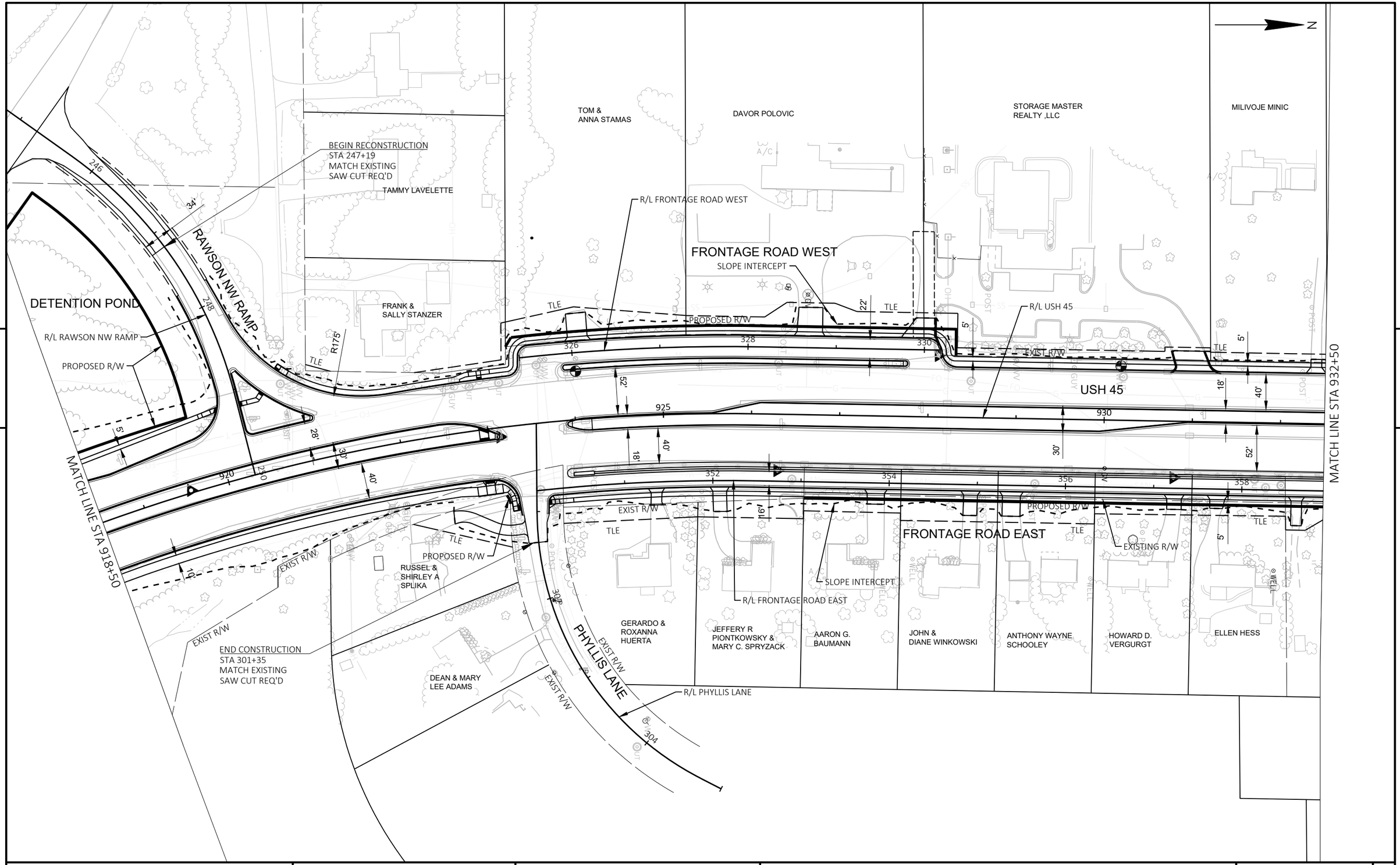
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES USH 45	SHEET E

PRE_176

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050301

PLOT DATE : 5/14/2021 8:19 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



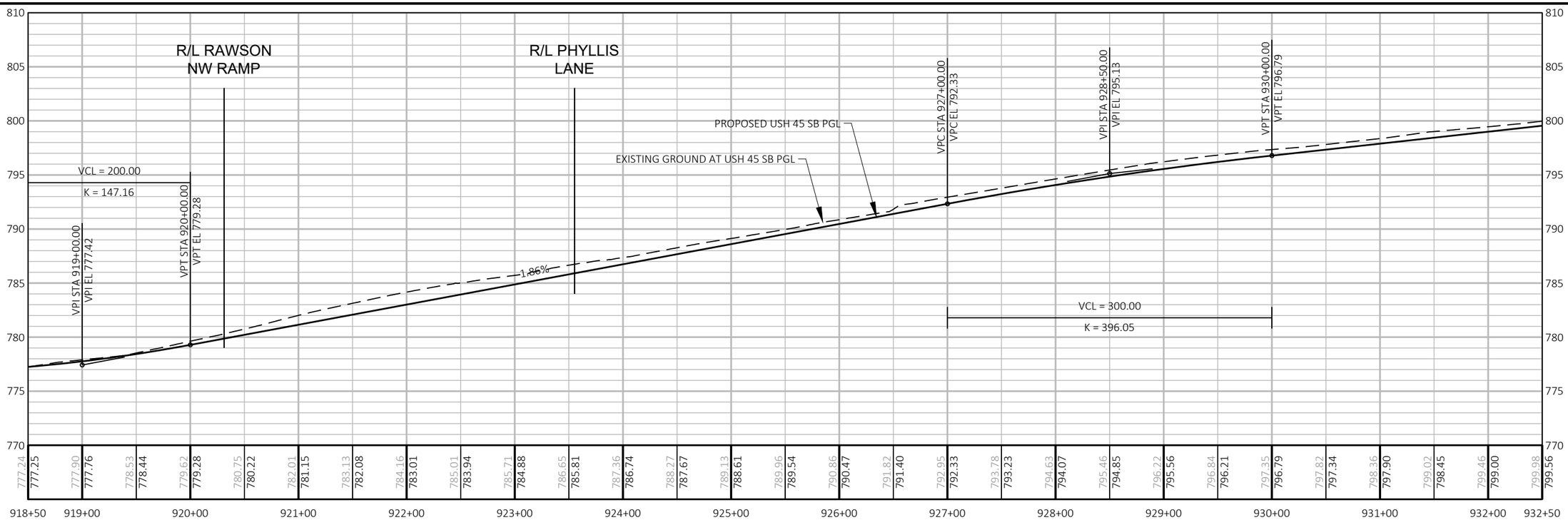
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN USH 45	SHEET E

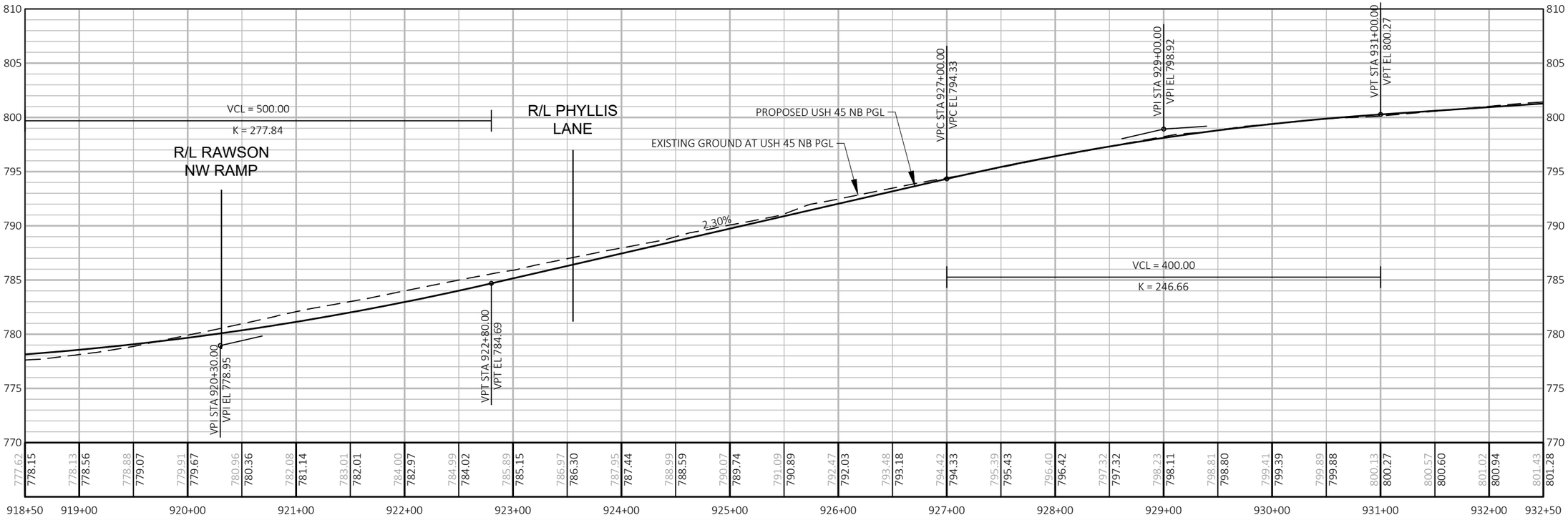
PRE_177

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050202

PLOT DATE : 5/14/2021 8:18 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





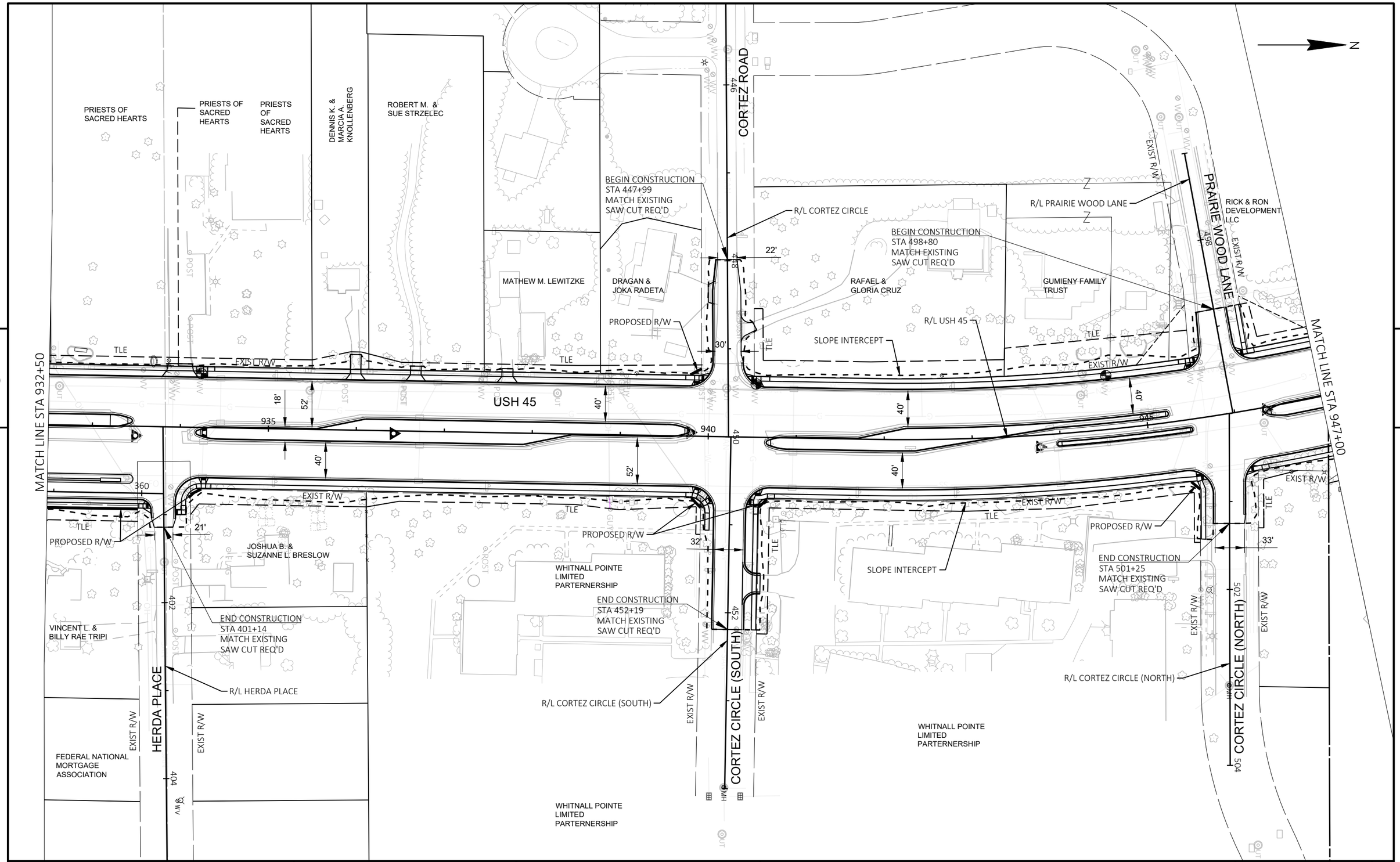
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES USH 45	SHEET E

PRE_178

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050302

PLOT DATE : 5/14/2021 8:19 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

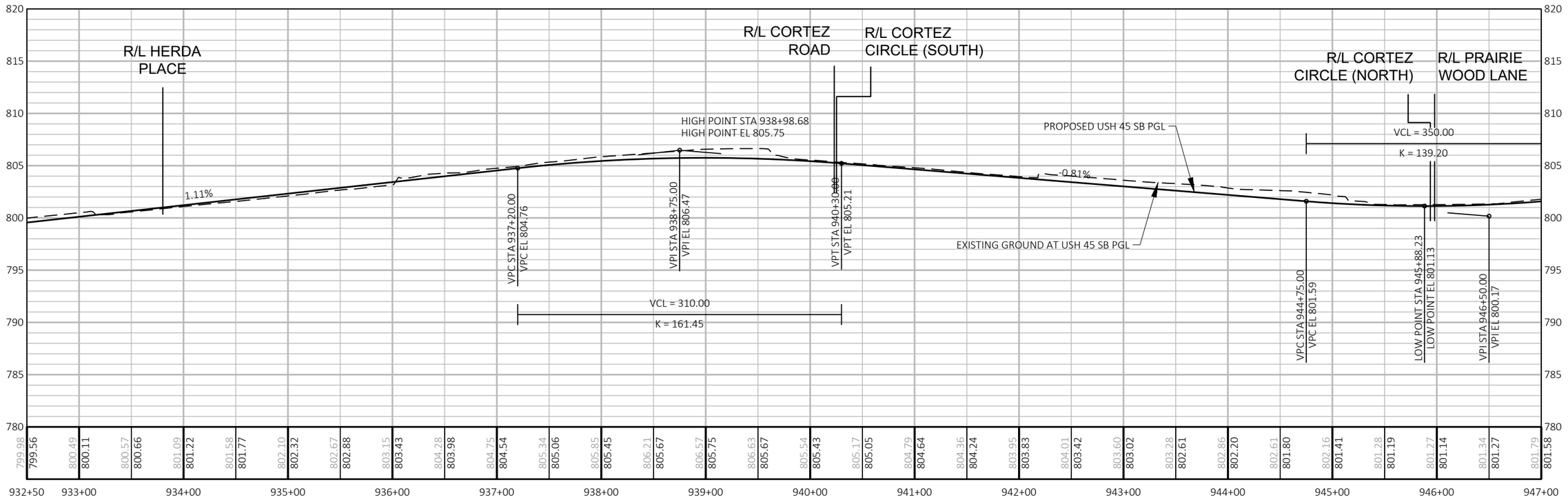
WISDOT/CADDS SHEET 44

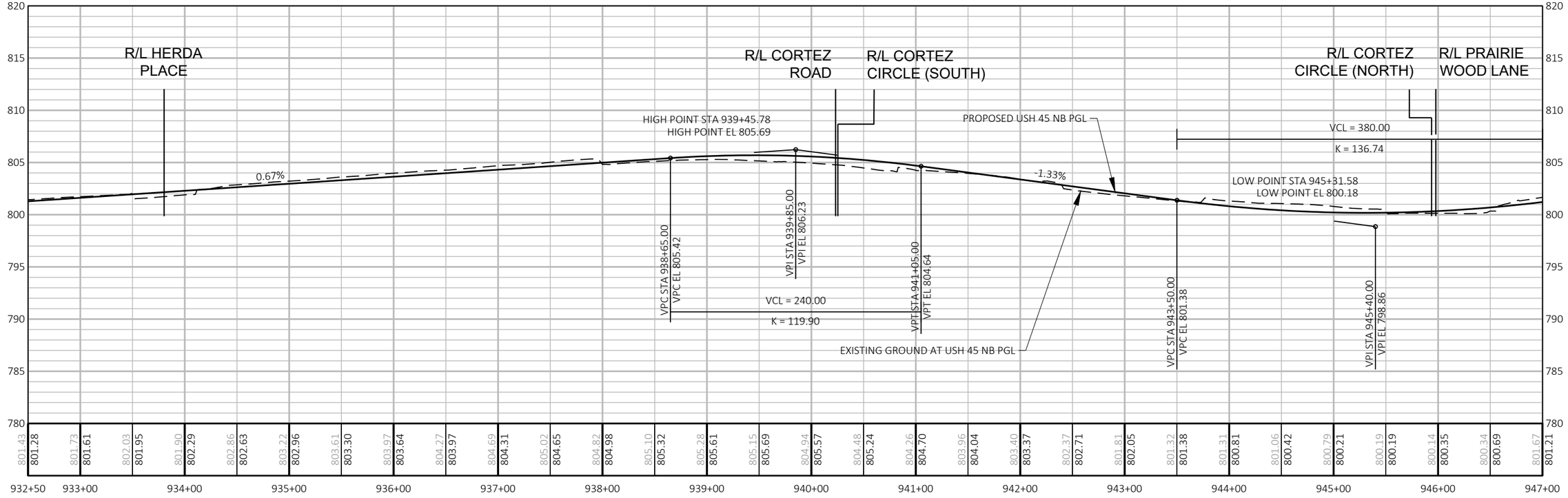


PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050203

PLOT DATE : 5/14/2021 8:18 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT





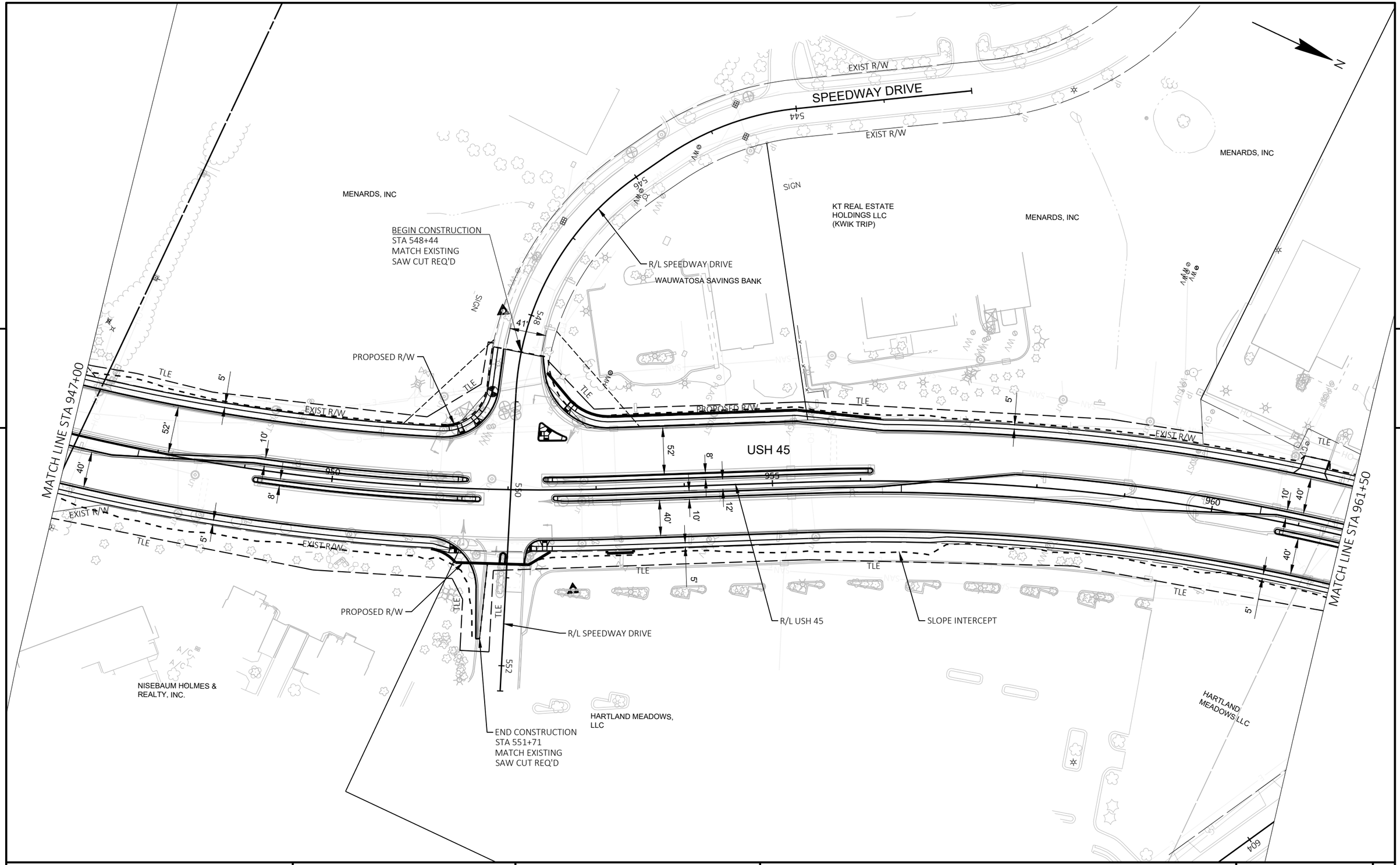
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050303

PLOT DATE : 5/14/2021 8:20 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_180

WISDOT/CADDS SHEET 44



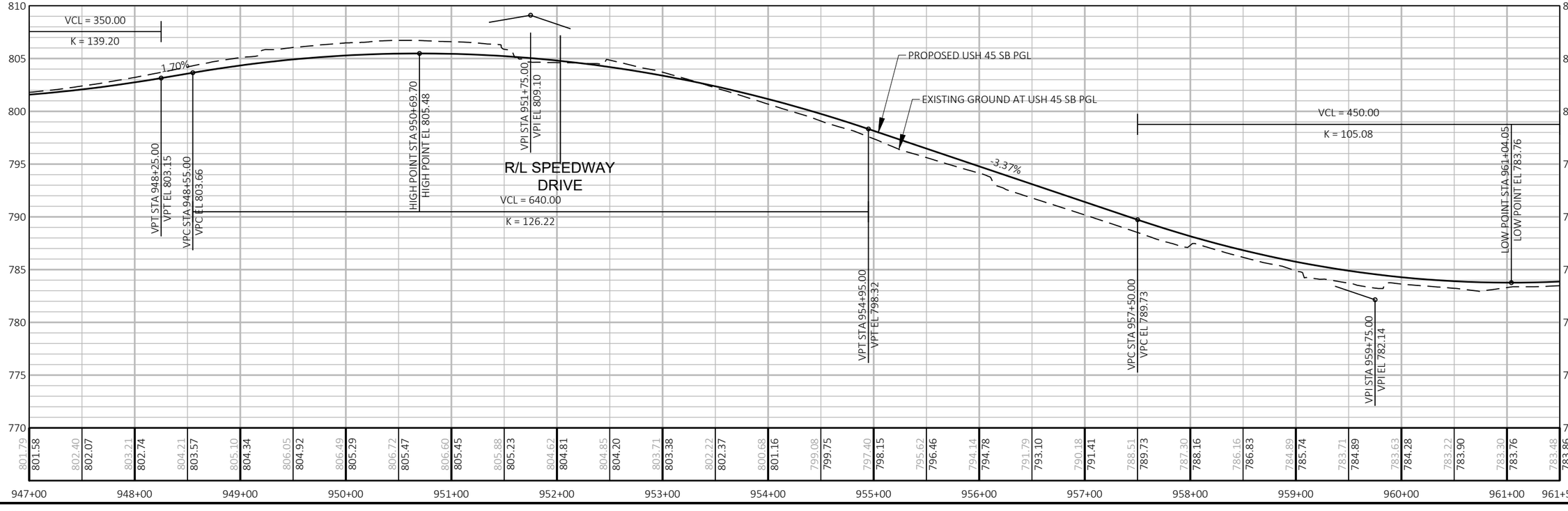
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN USH 45	SHEET E

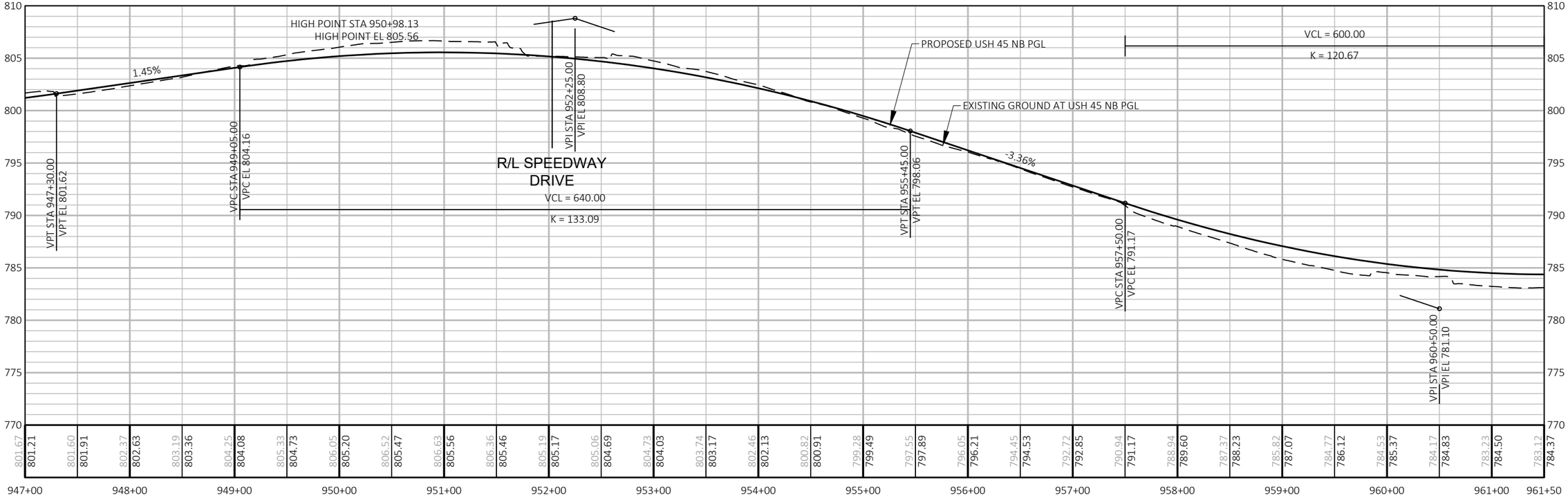
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050204

PLOT DATE : 5/14/2021 8:18 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_181

WISDOT/CADDS SHEET 44





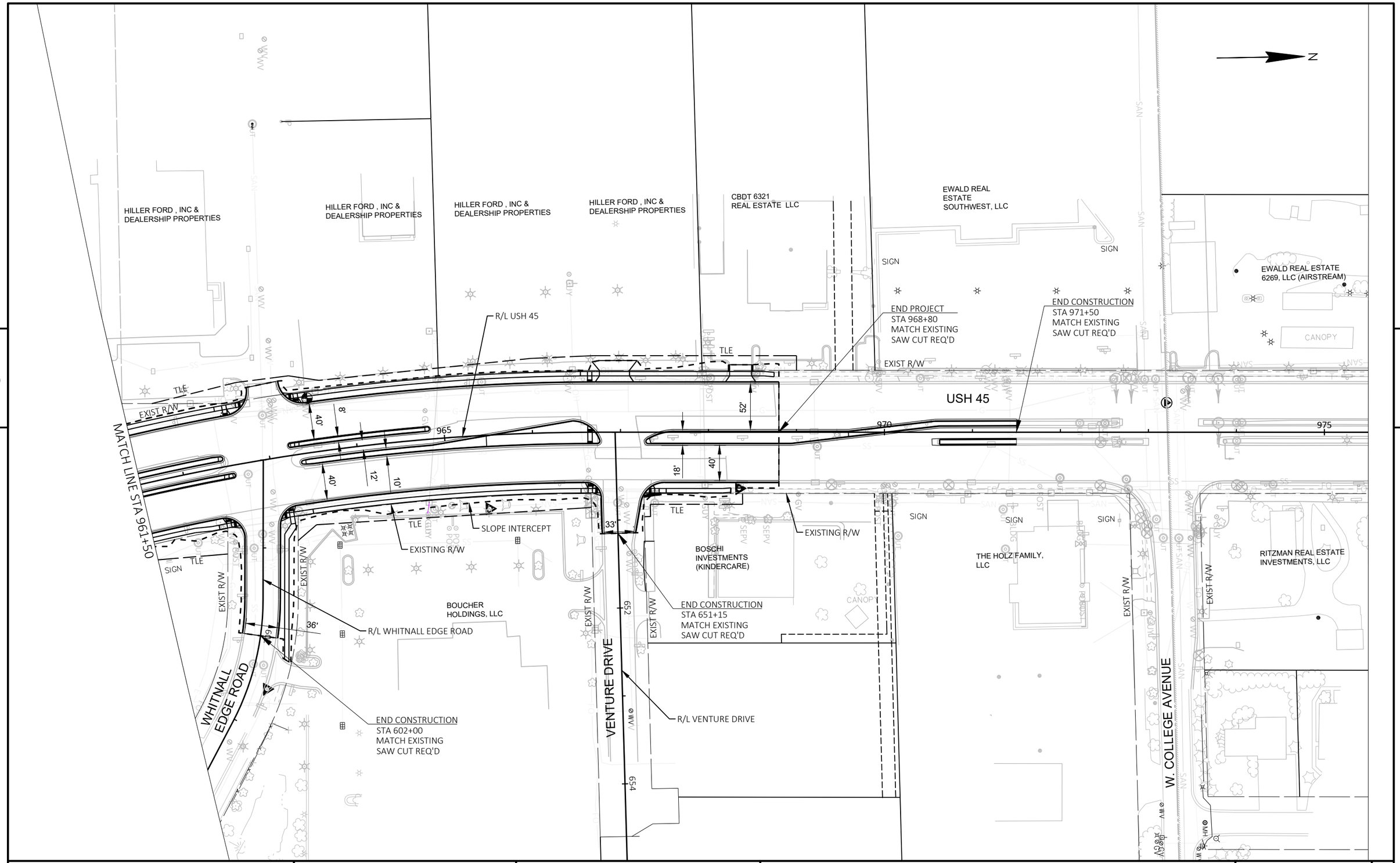
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES USH 45	SHEET E

PRE_182

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050304

PLOT DATE : 5/14/2021 8:20 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



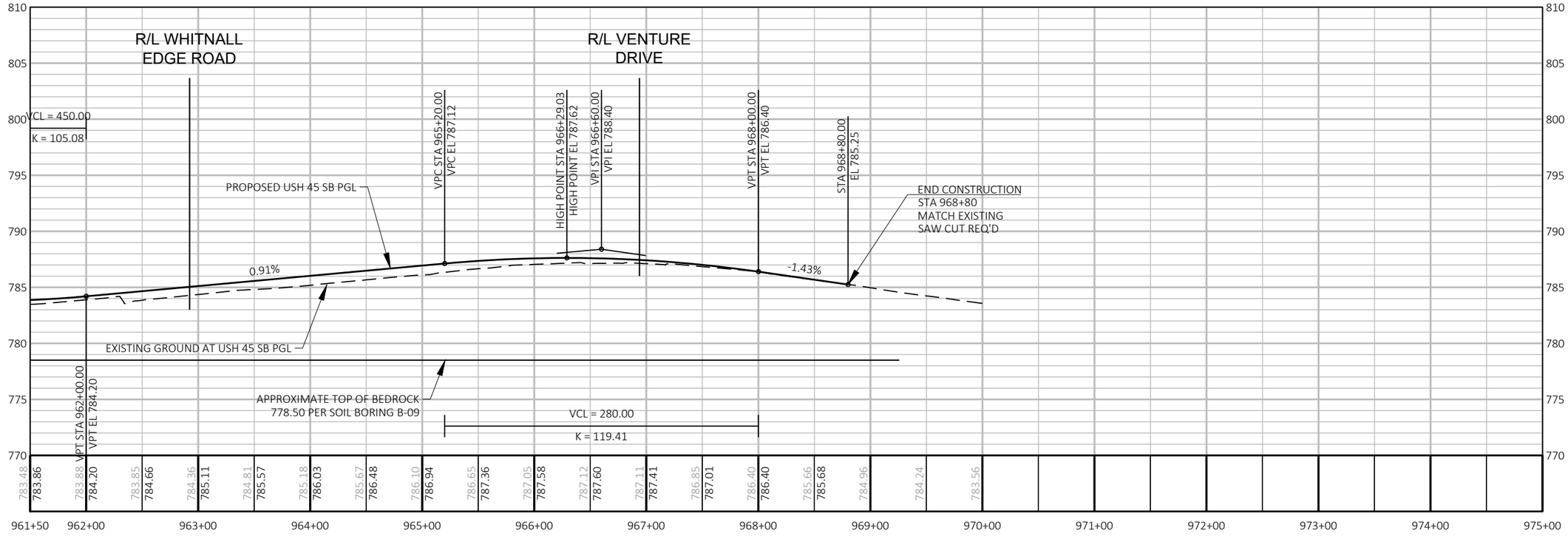
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PLAN USH 45	SHEET E

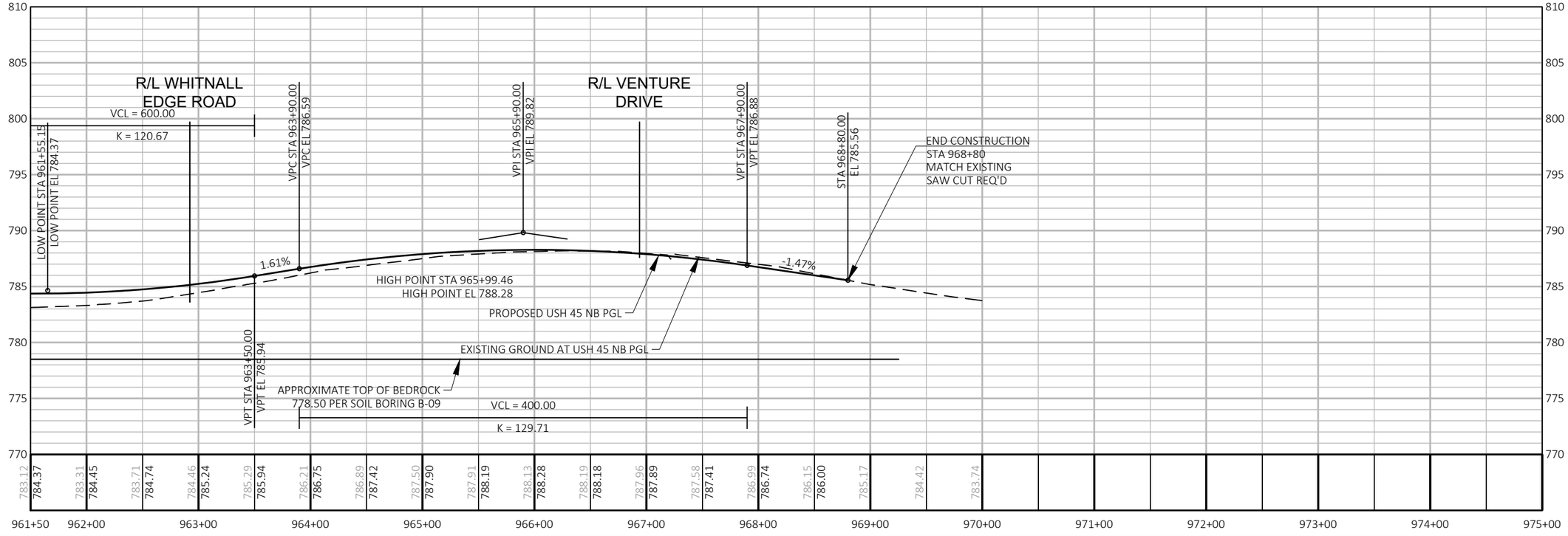
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050101-PN.DWG
LAYOUT NAME - 050205

PLOT DATE : 5/14/2021 8:18 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

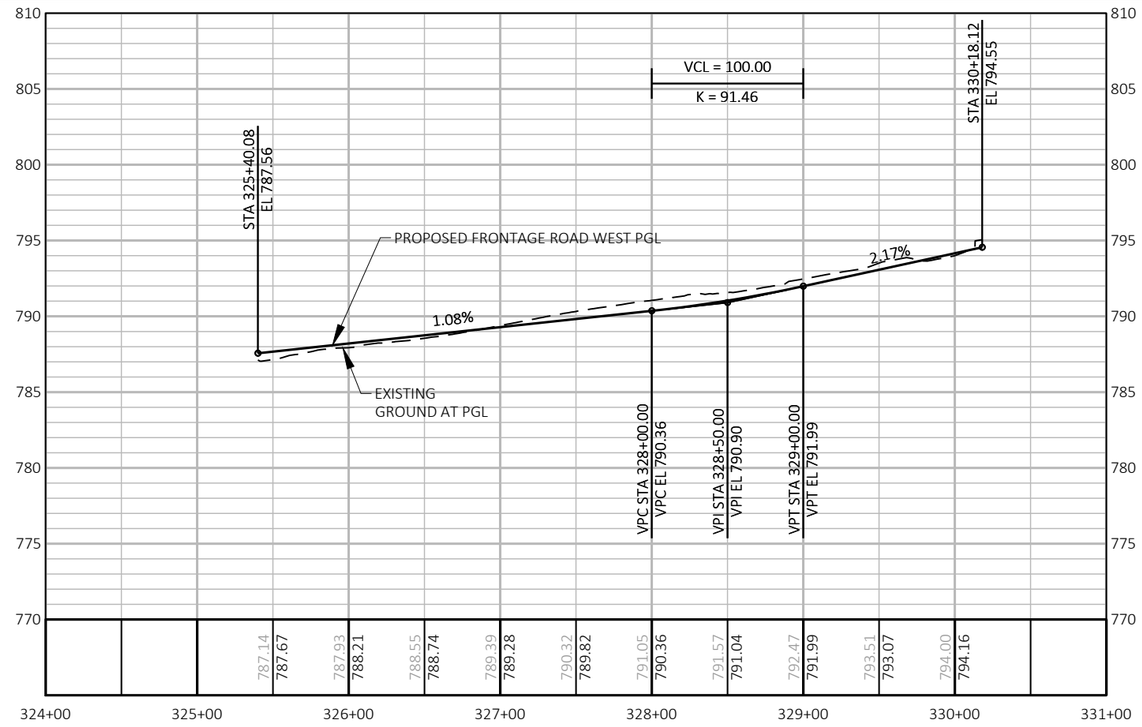
PRE_183

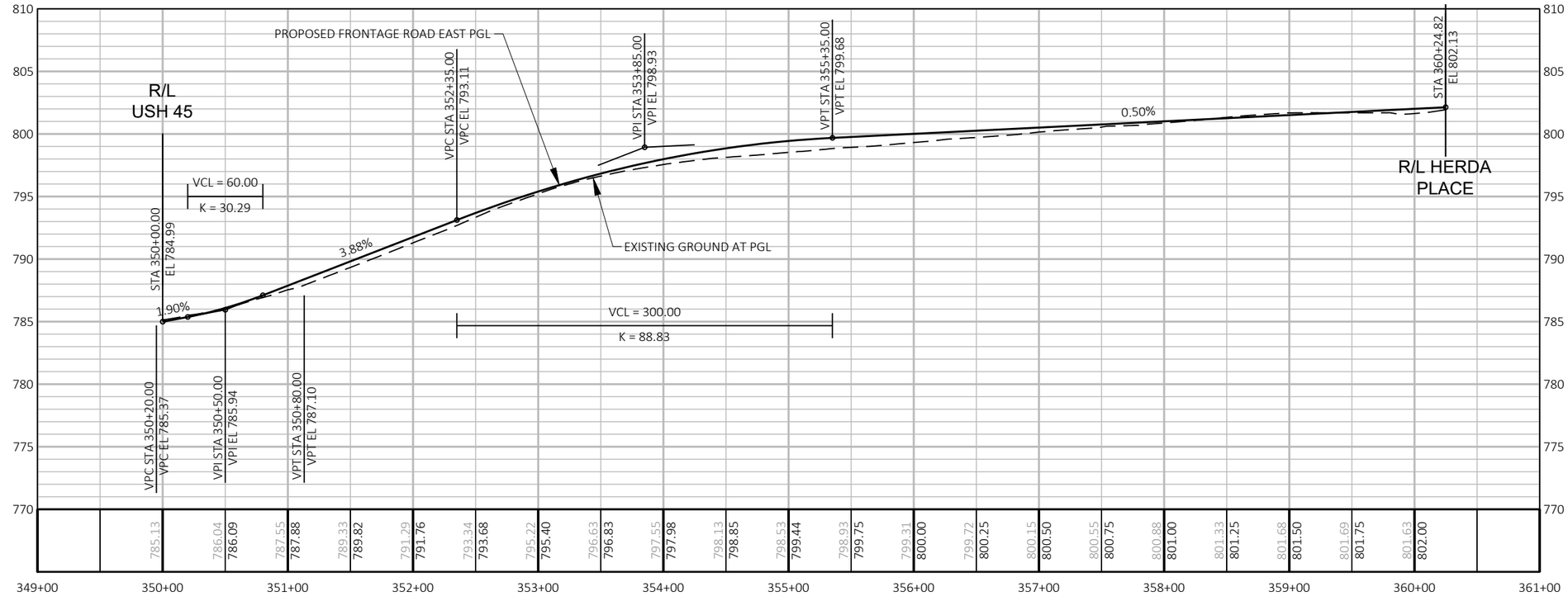
WISDOT/CADDS SHEET 44



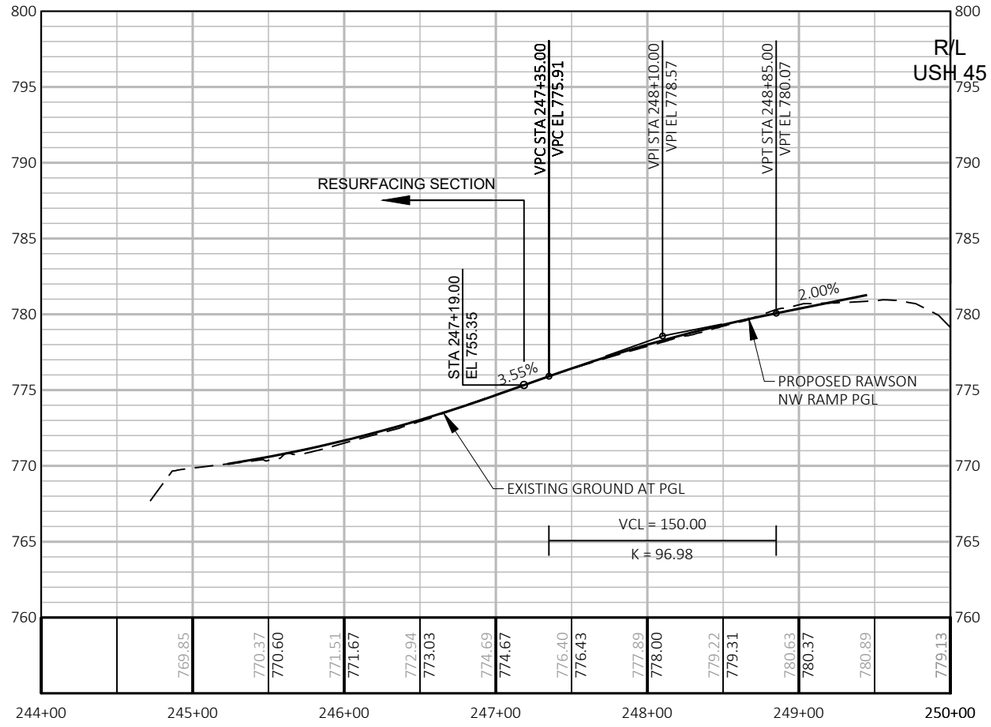


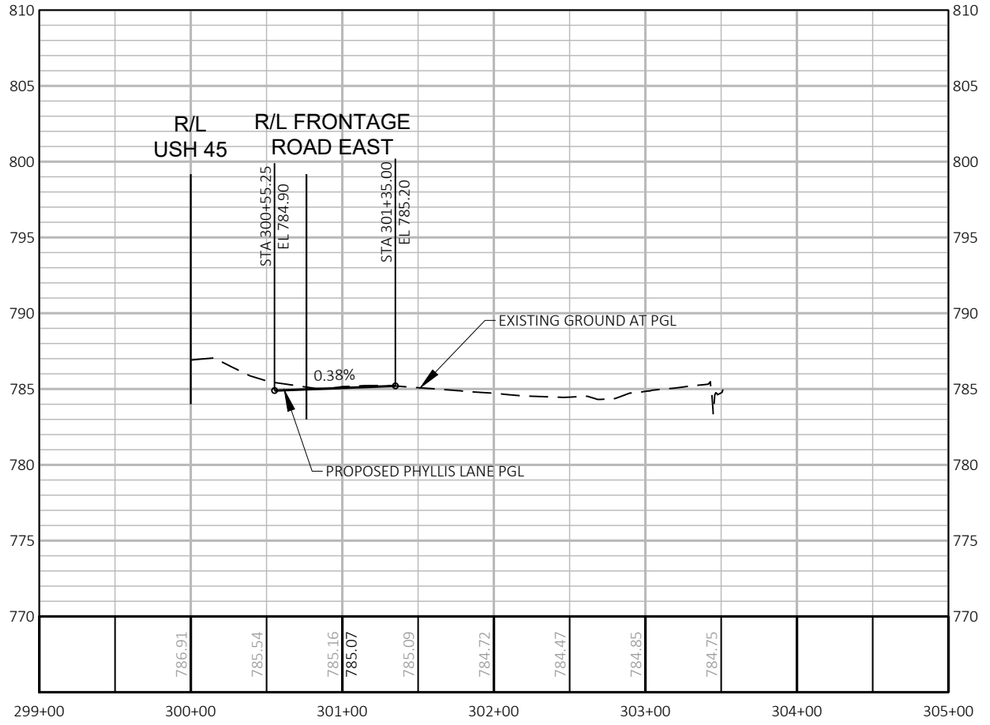
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES USH 45	SHEET E





PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES FRONTAGE ROAD WEST, FRONTAGE ROAD EAST	SHEET E





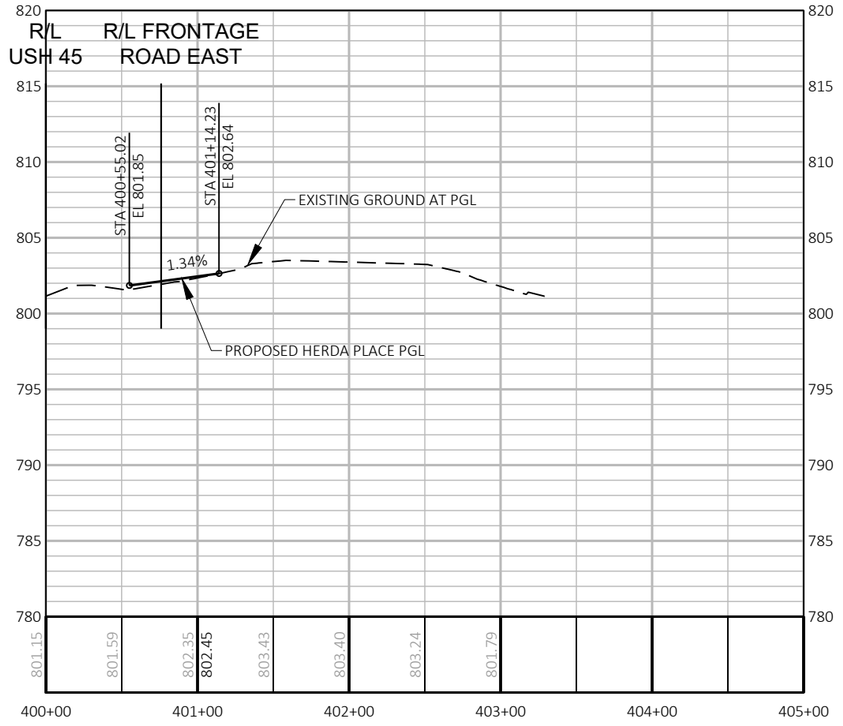
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES RAWSON NW RAMP, PHYLLIS LANE	SHEET E

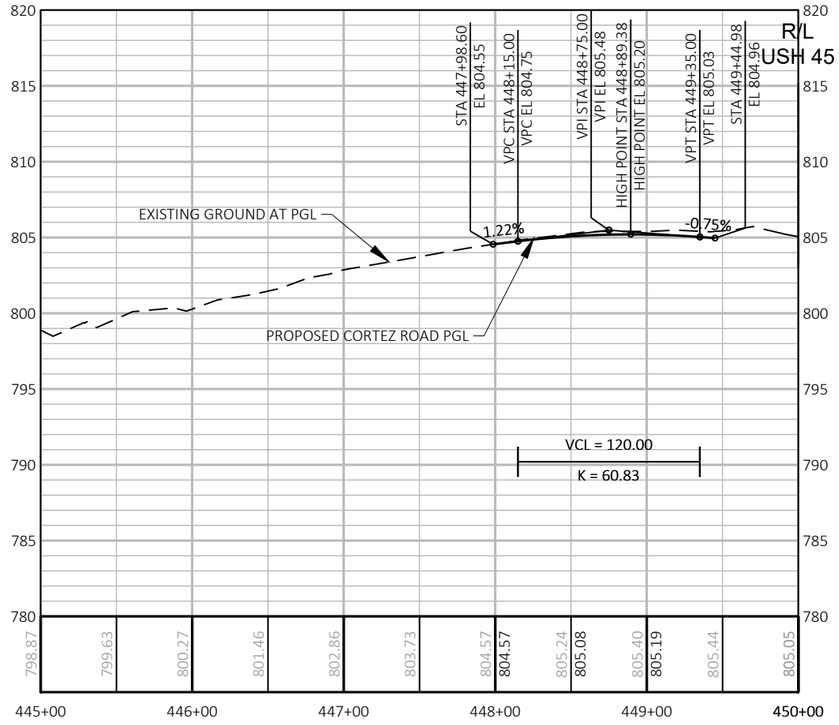
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050307

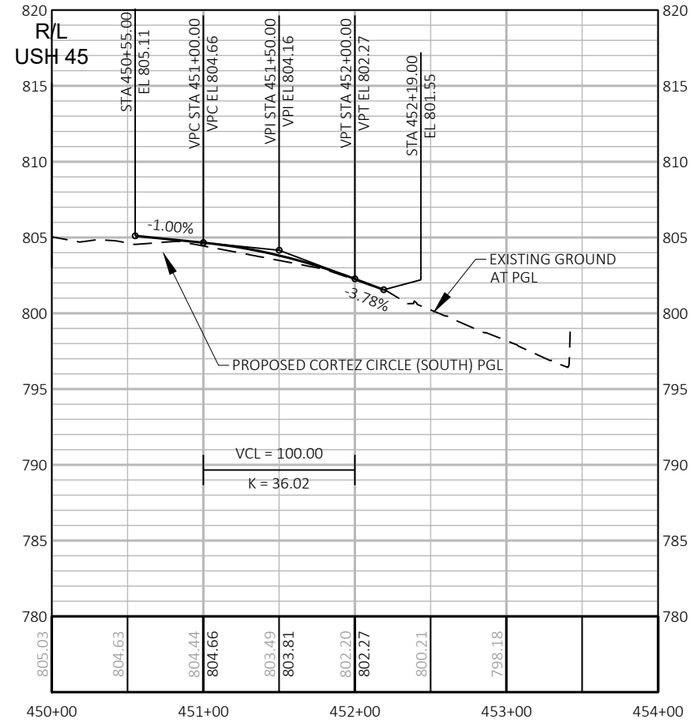
PLOT DATE : 5/14/2021 8:21 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_186

WISDOT/CADDS SHEET 44







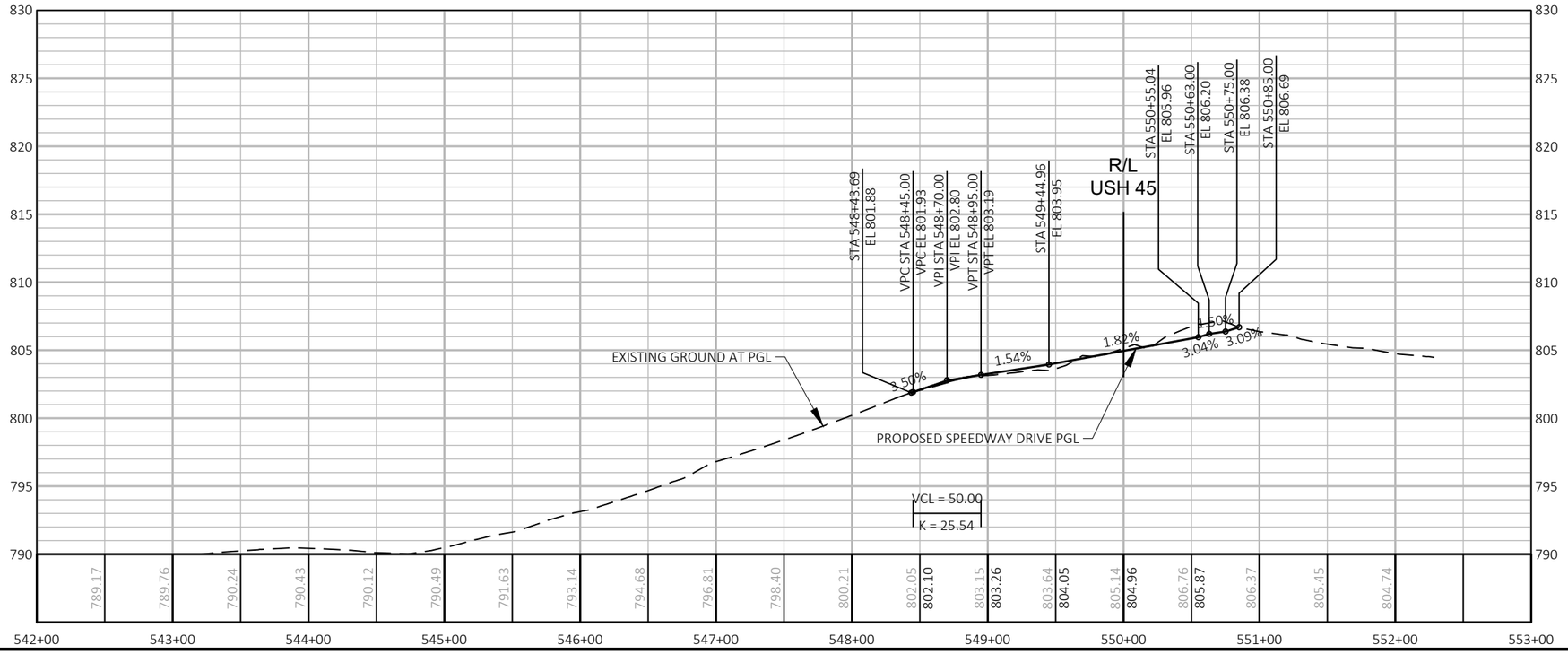
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES HERDA PLACE, CORTEZ ROAD, CORTEZ CIRCLE (SOUTH)	SHEET E

PRE_187

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050308

PLOT DATE : 5/14/2021 8:21 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

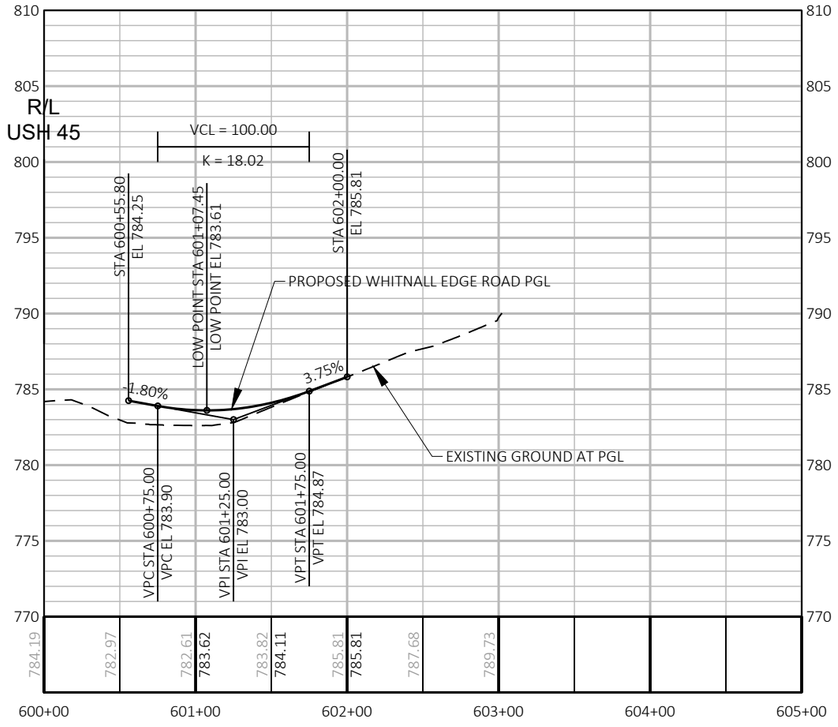


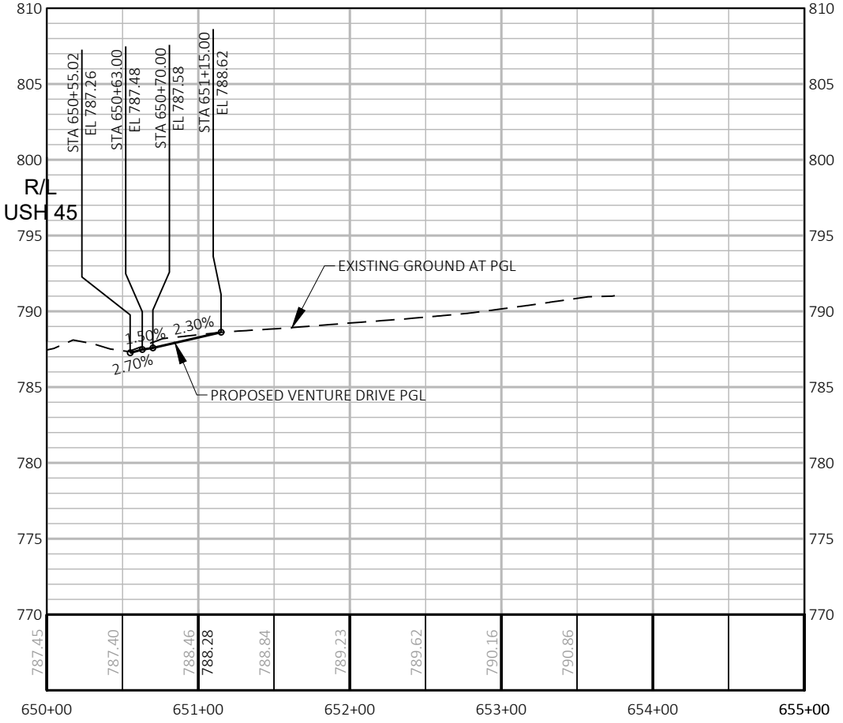
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES SPEEDWAY DRIVE, PRAIRIE WOOD ROAD, CORTEZ CIRCLE (NORTH)	SHEET PRE_188 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050309

PLOT DATE : 5/14/2021 8:22 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44





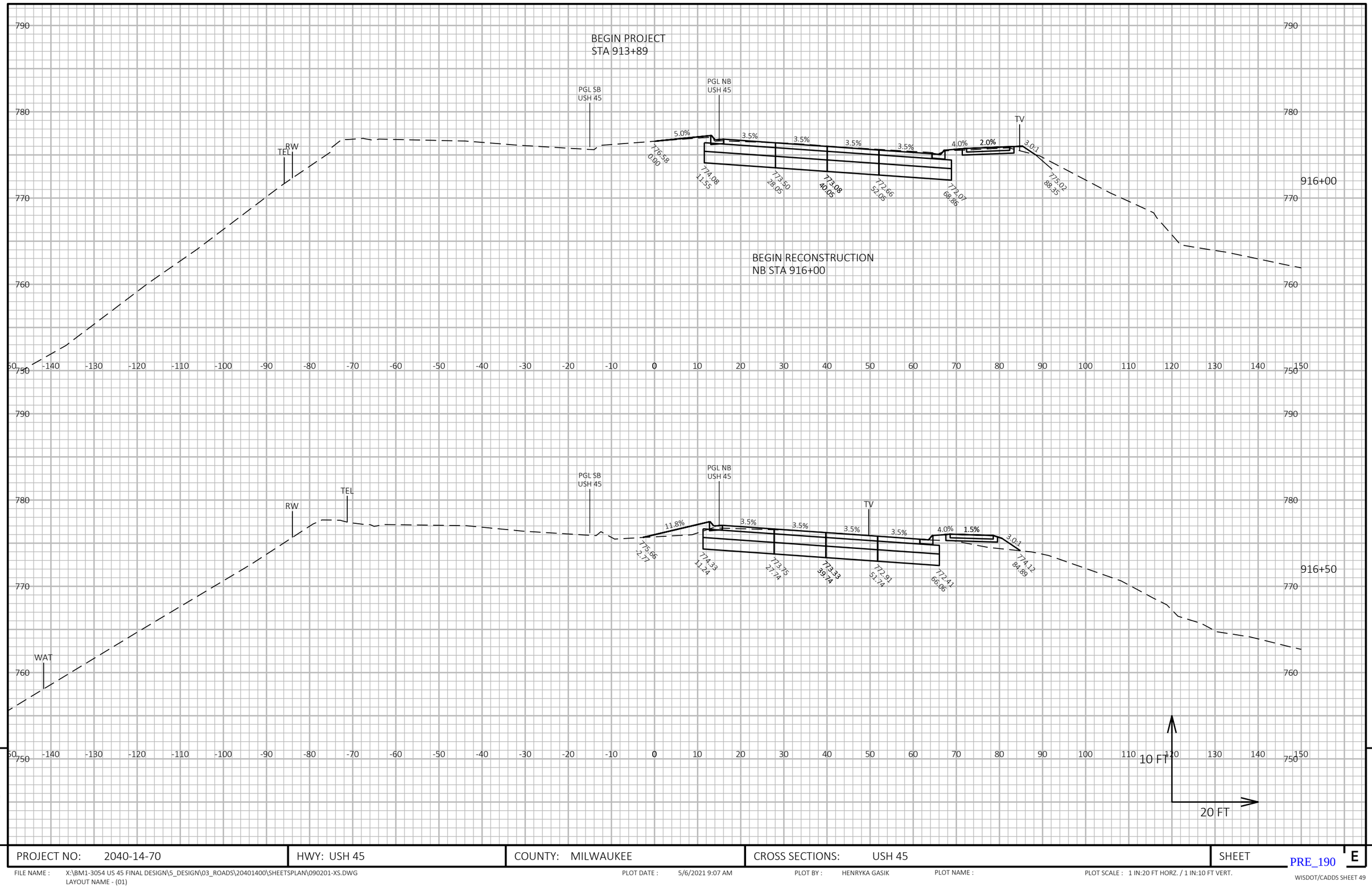
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	PROFILES WHITNALL EDGE ROAD, VENTURE DRIVE	SHEET E

PRE_189

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\050301-PR.DWG
LAYOUT NAME - 050310

PLOT DATE : 5/14/2021 8:22 AM PLOT BY : JAKE BONDHUS PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

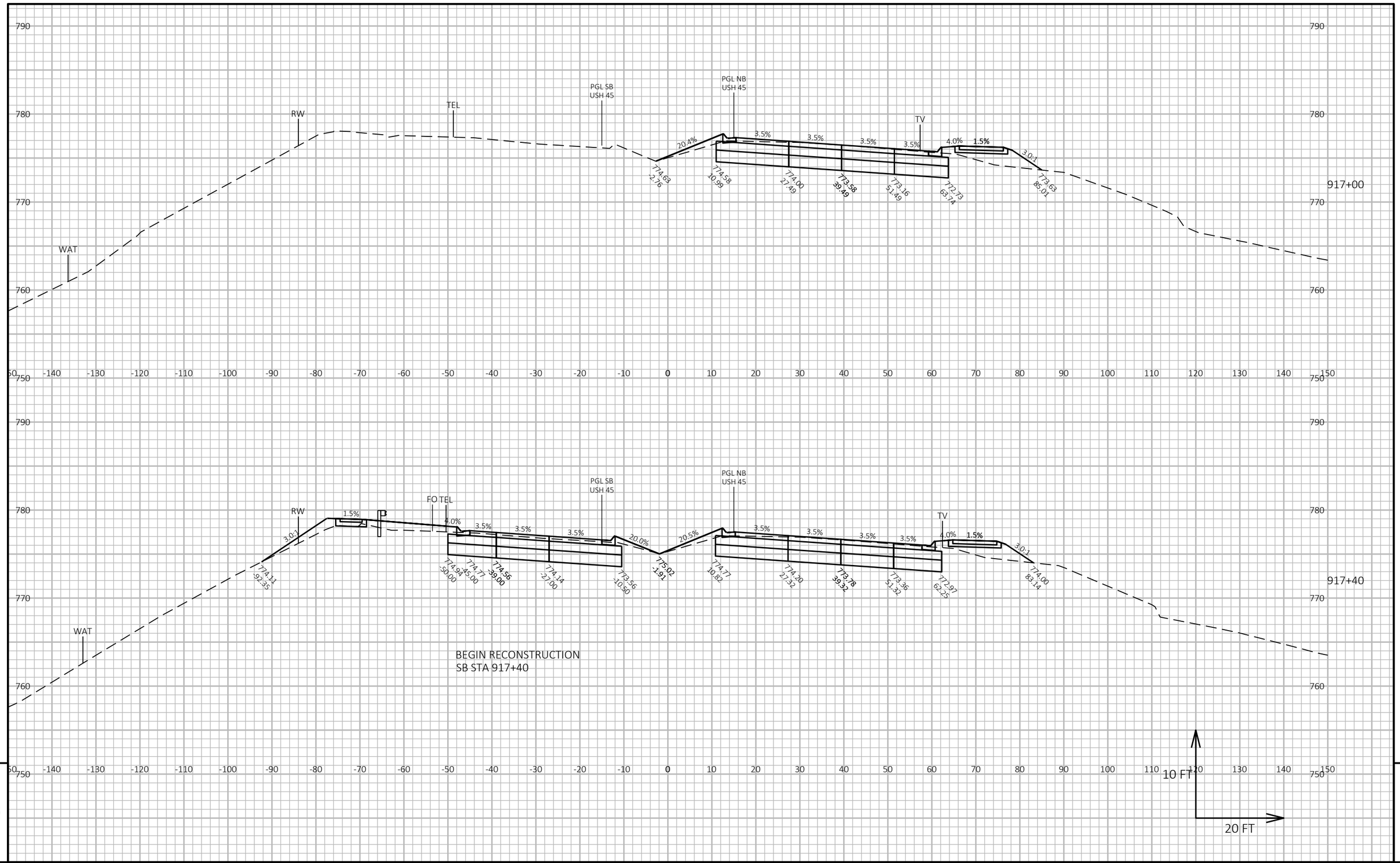
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (01)

PLOT DATE : 5/6/2021 9:07 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_190

WISDOT/CADDS SHEET 49

9 9

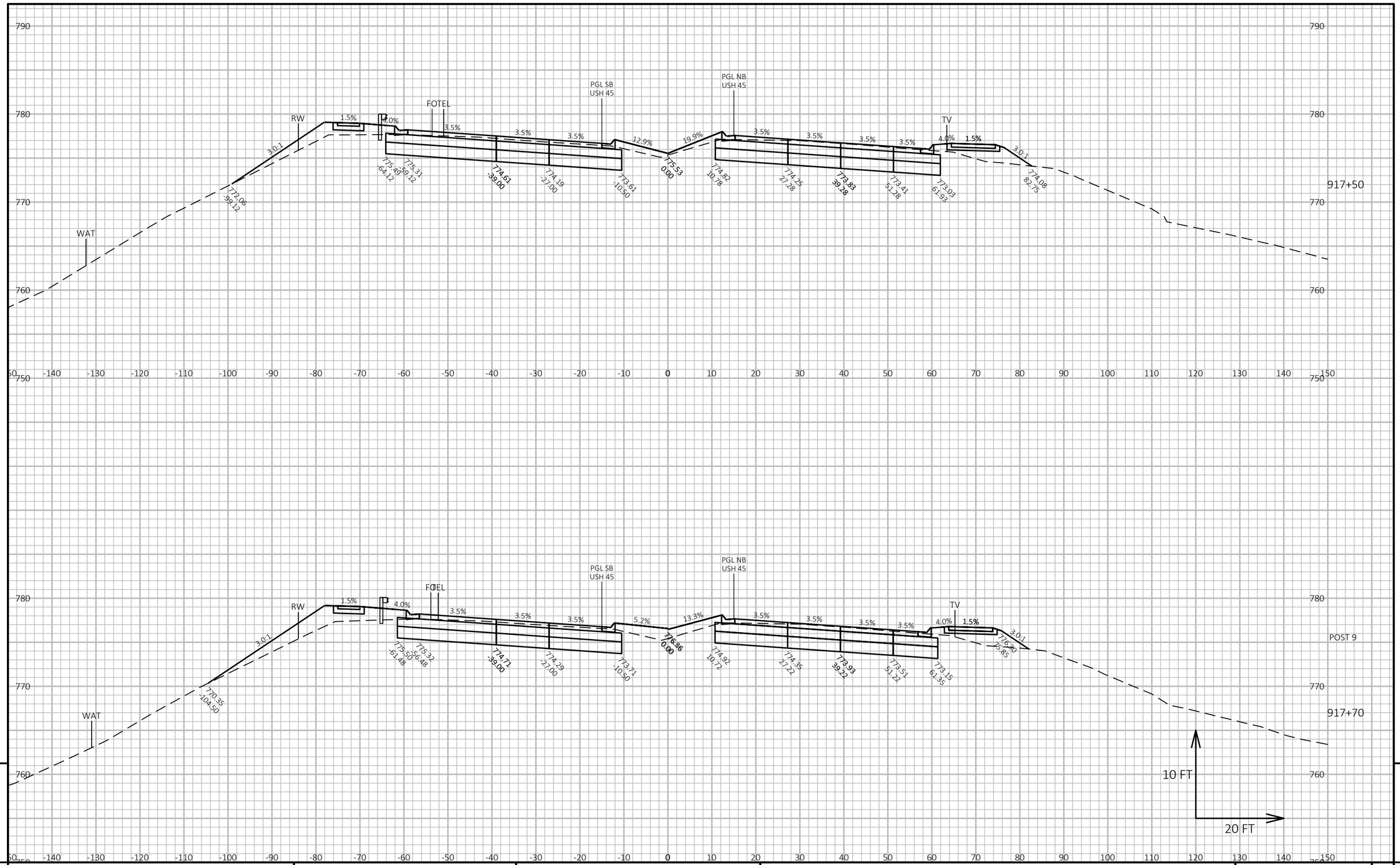


PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET PRE_191 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (02)

PLOT DATE : 5/6/2021 9:07 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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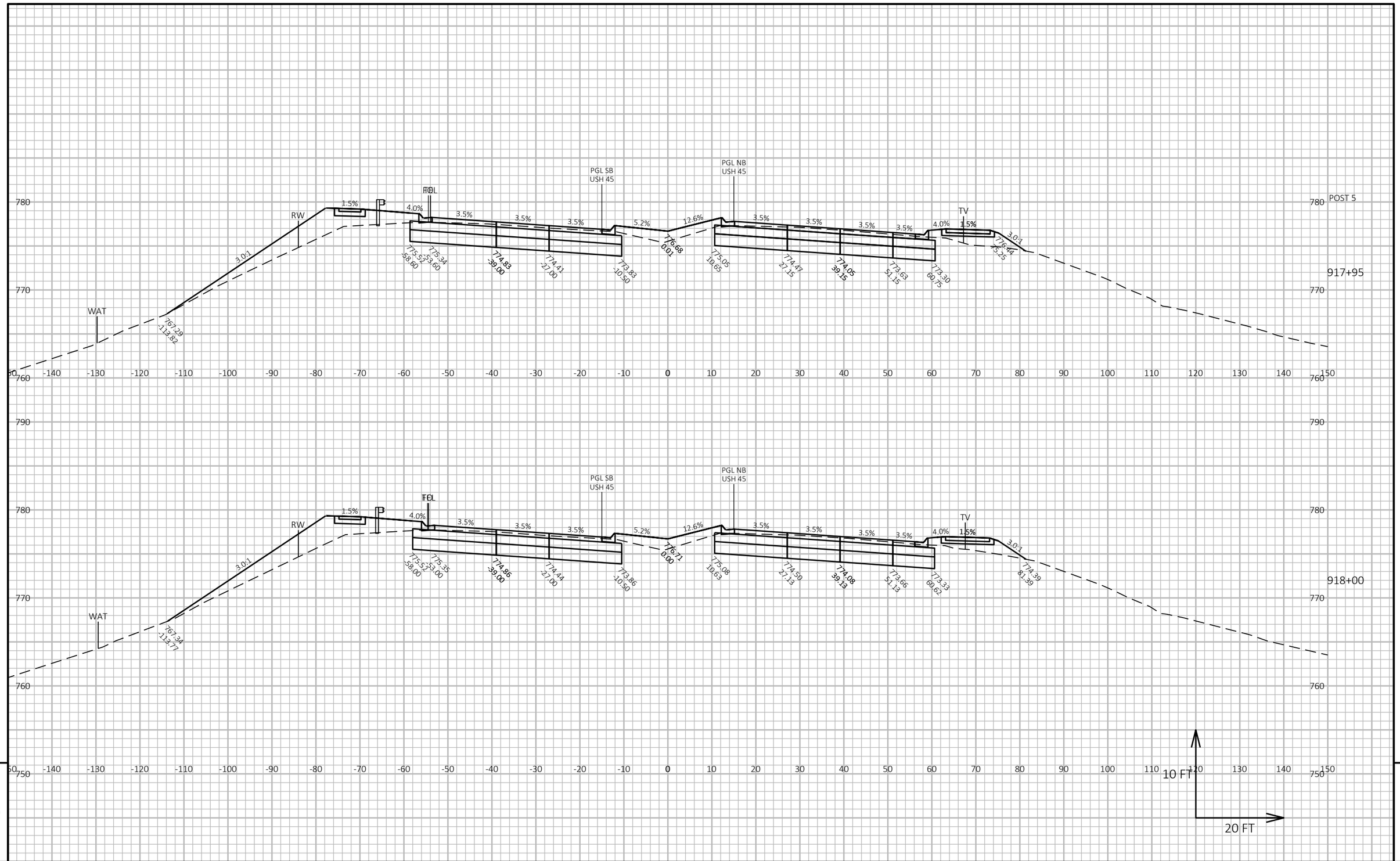
9

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET PRE_192 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (03)

PLOT DATE : 5/6/2021 9:08 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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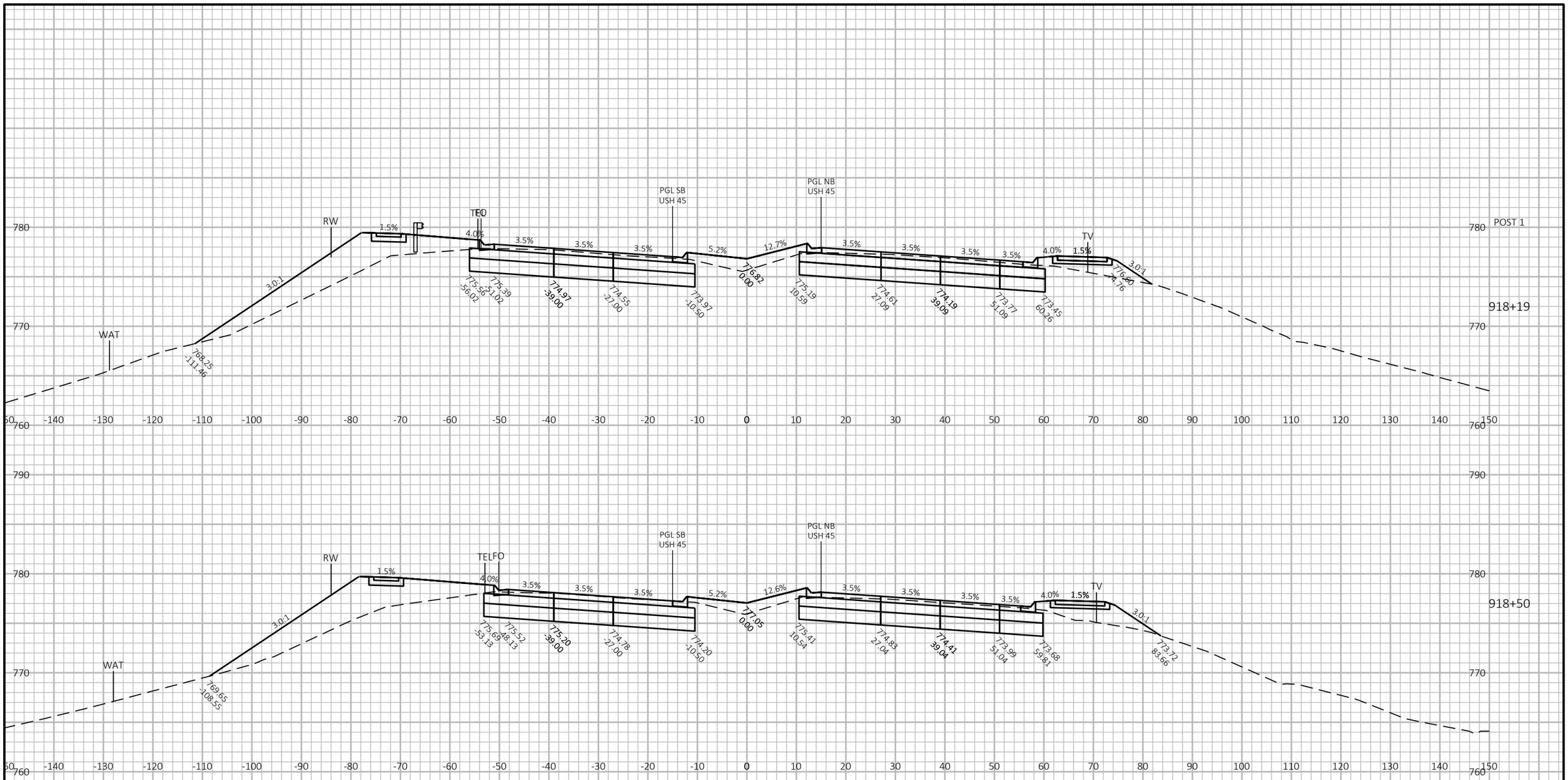
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_193

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (04)

PLOT DATE : 5/6/2021 9:08 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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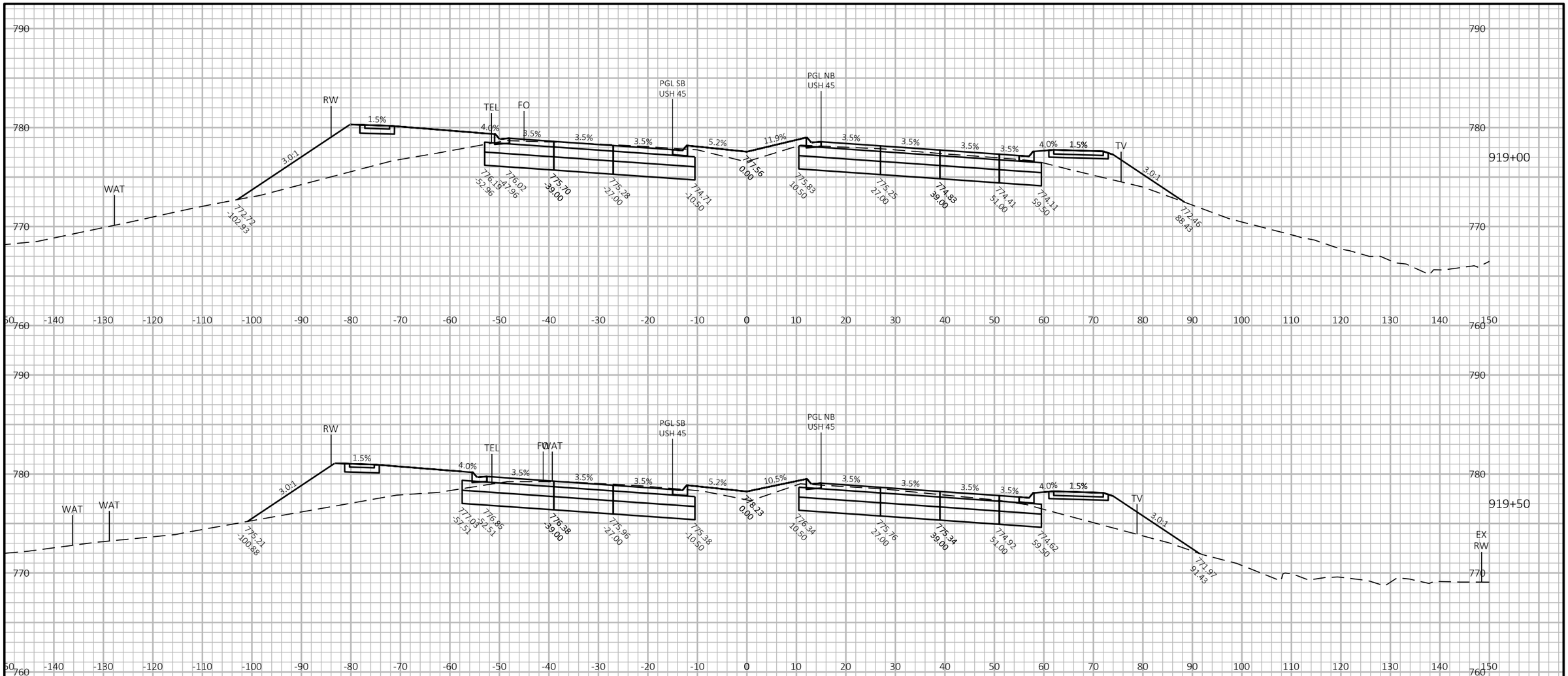
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

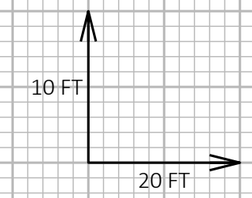
PRE_194

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (05)

PLOT DATE : 5/6/2021 9:08 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49





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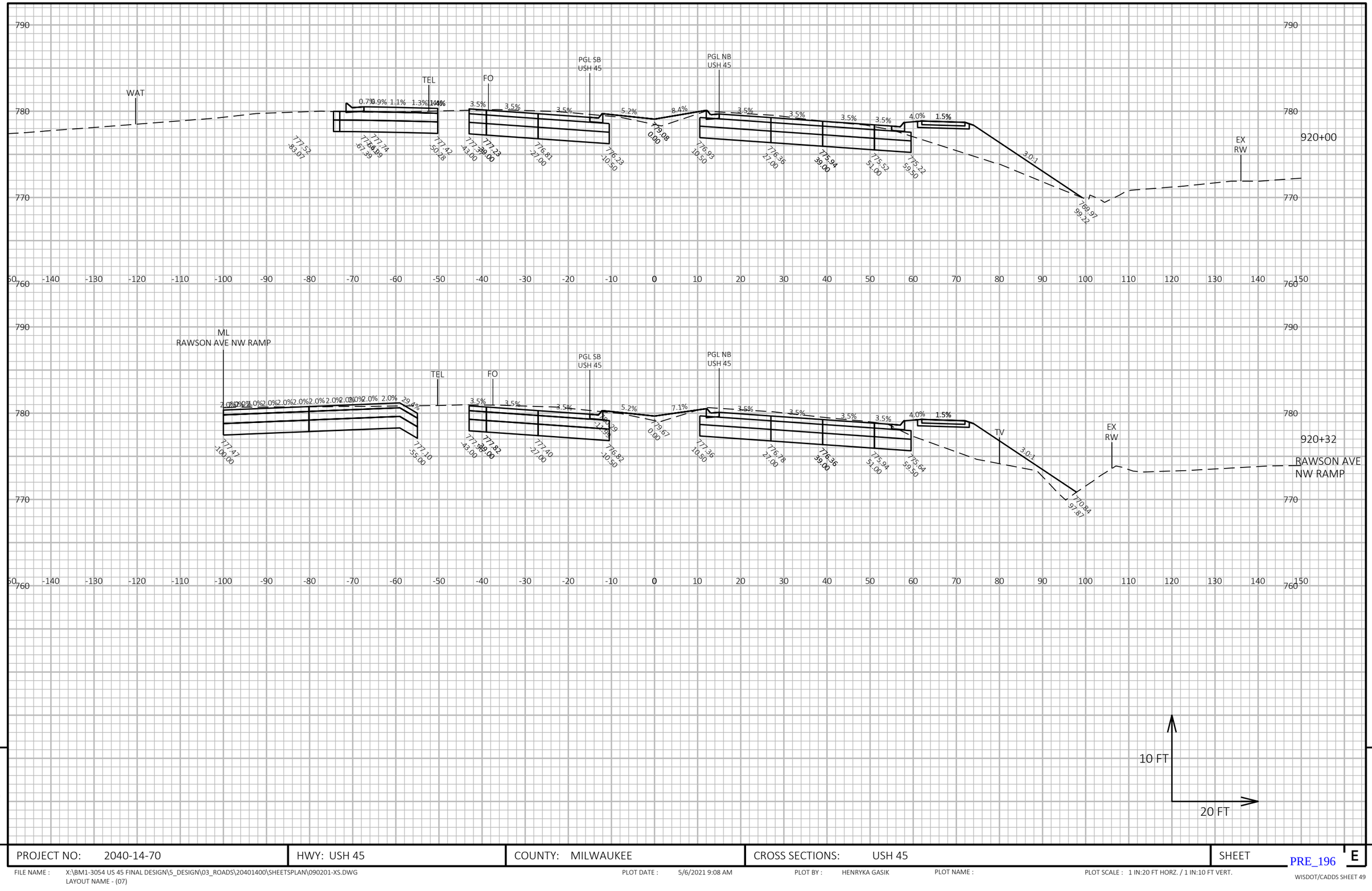
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_195

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (06)

PLOT DATE : 5/6/2021 9:08 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



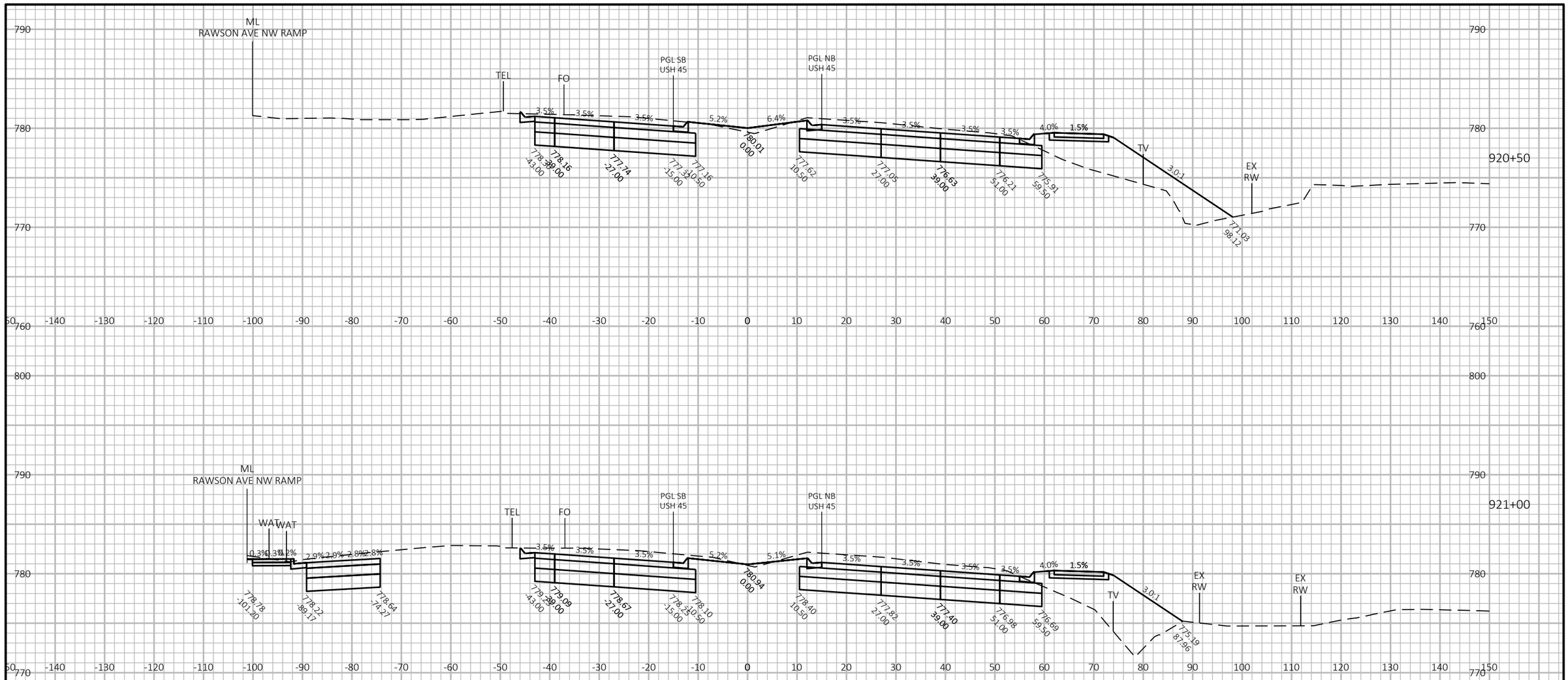
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_196

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (07)

PLOT DATE : 5/6/2021 9:08 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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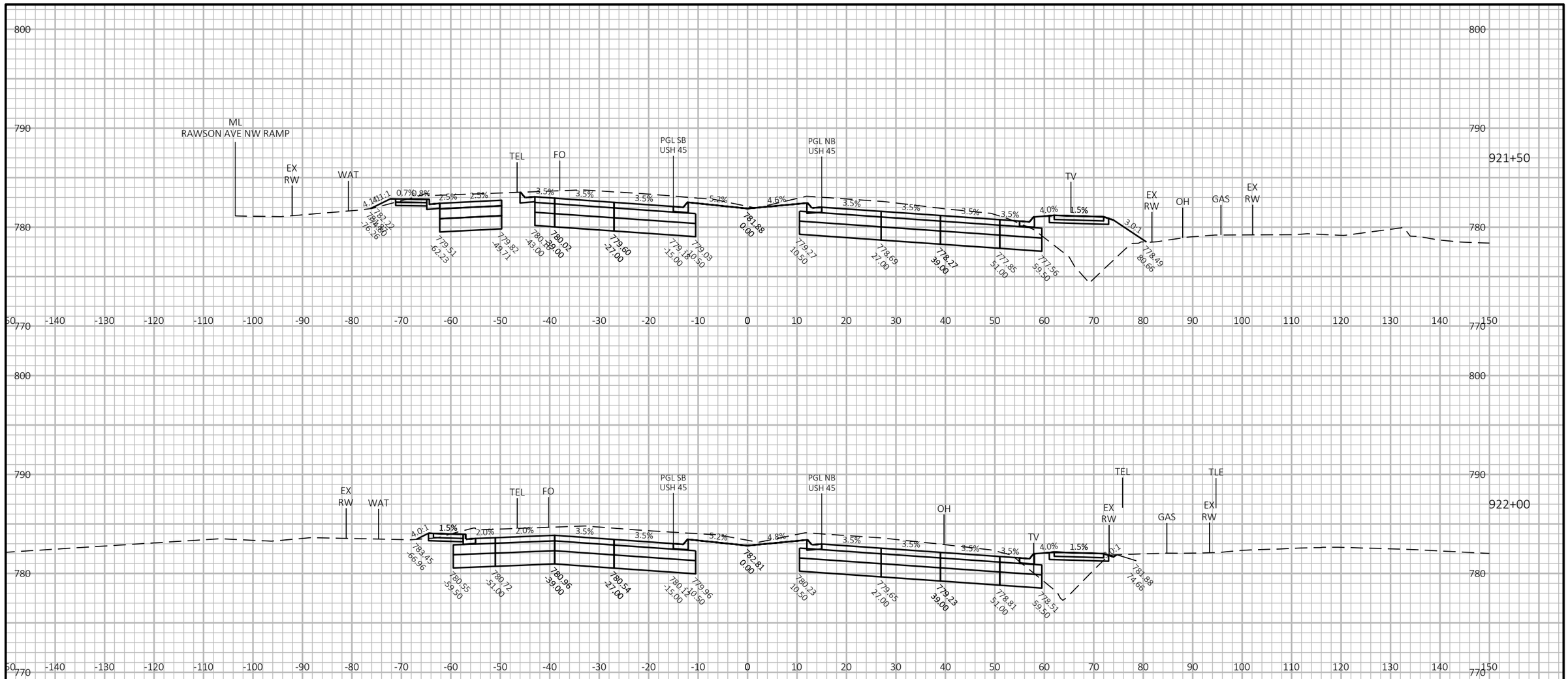
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_197

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (08)

PLOT DATE : 5/6/2021 9:09 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_198

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (09)

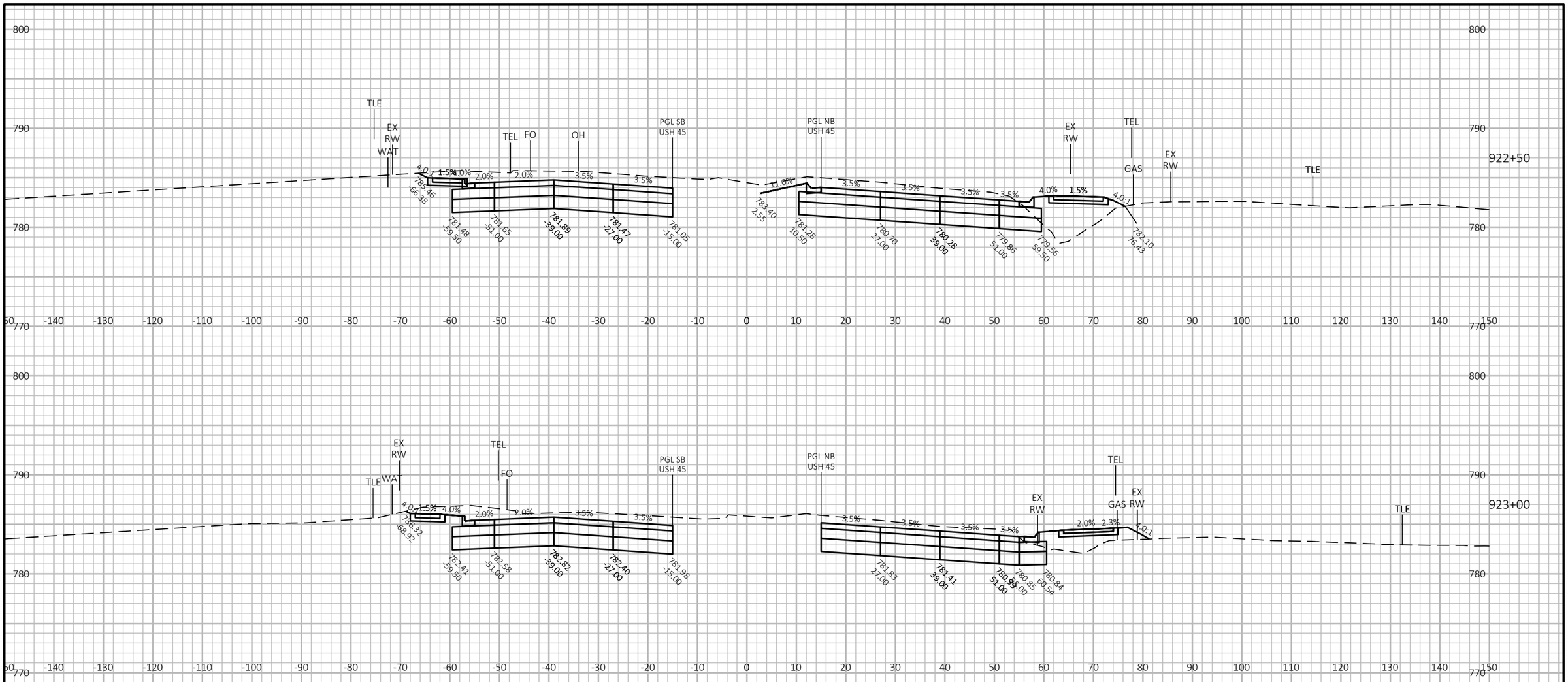
PLOT DATE : 5/6/2021 9:09 AM

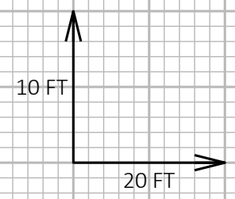
PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49





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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_199

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (10)

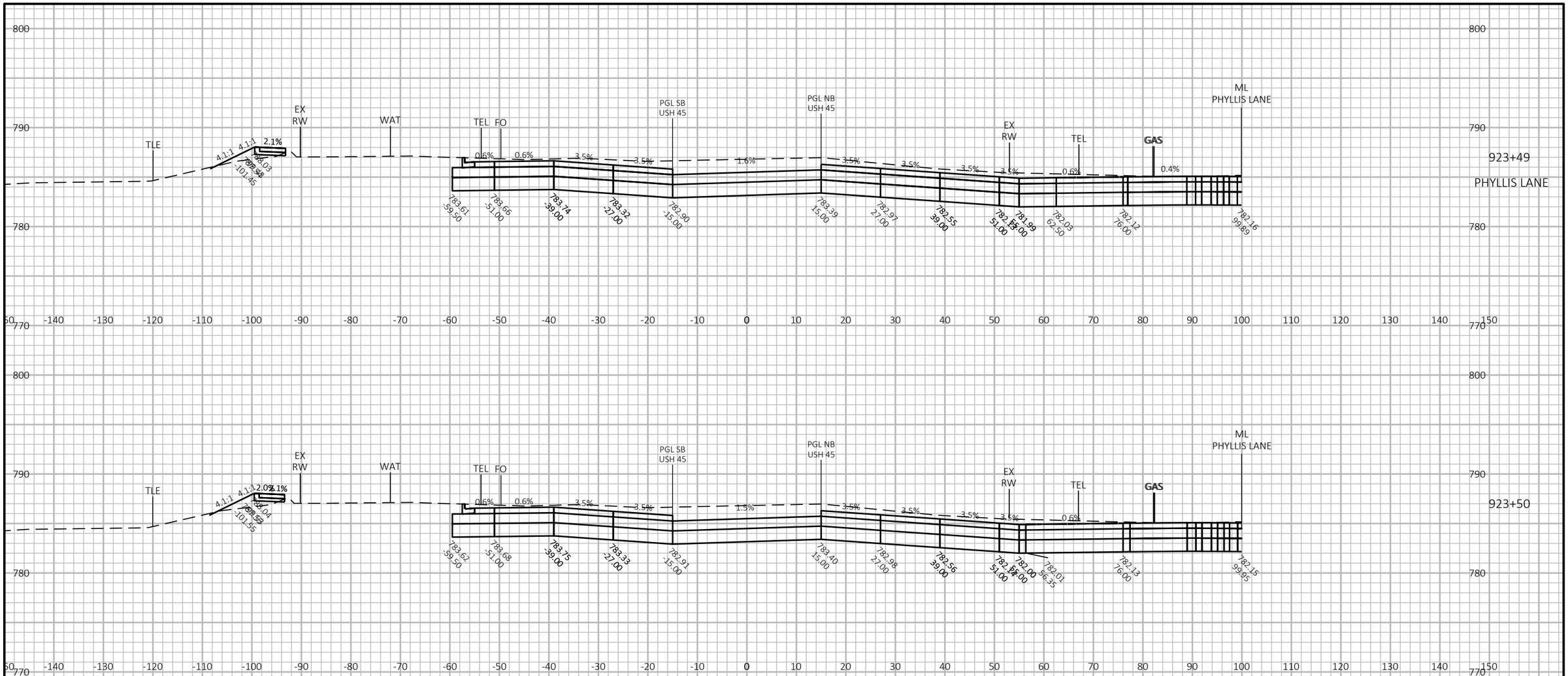
PLOT DATE : 5/6/2021 9:09 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\S_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (11)

PLOT DATE : 5/6/2021 9:09 AM

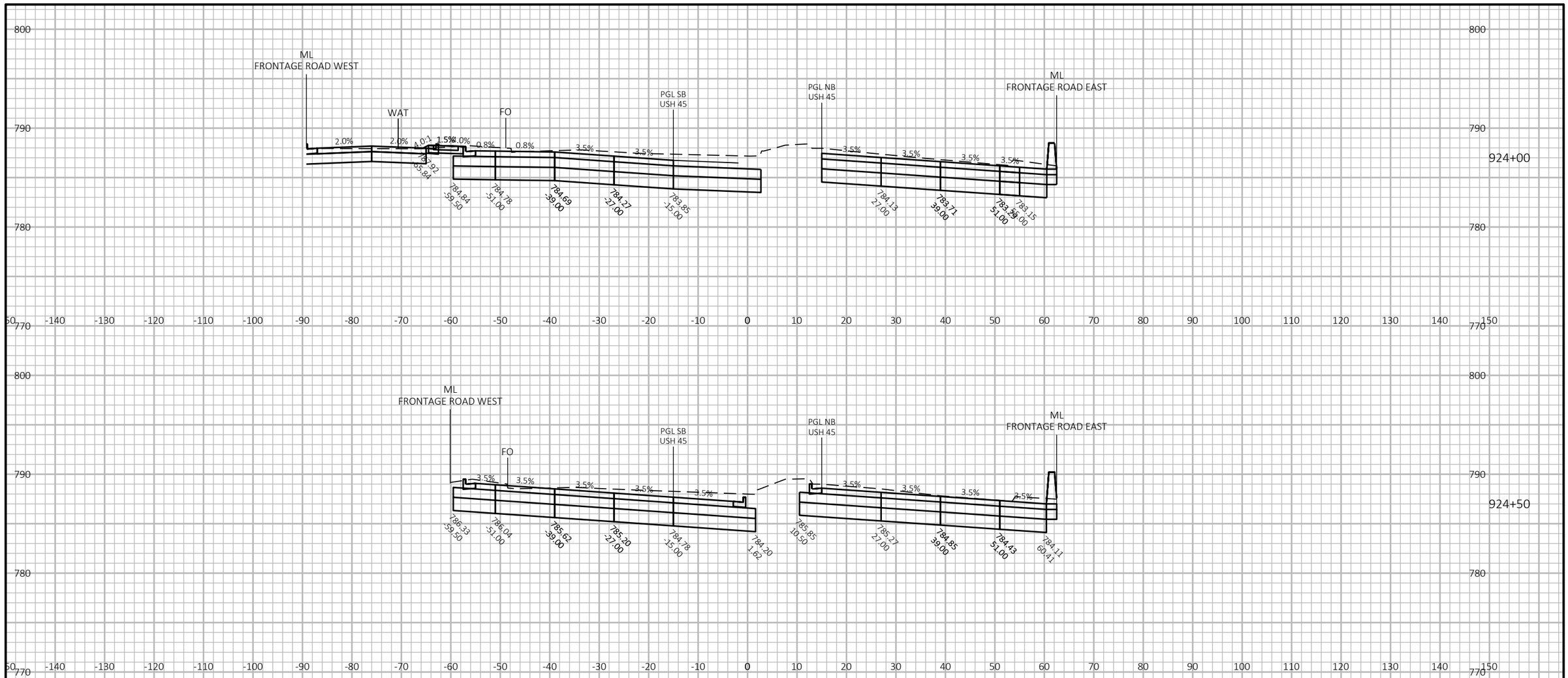
PLOT BY : HENRYKA GASIK

PLOT NAME :

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

PRE_200

WISDOT/CADDS SHEET 49



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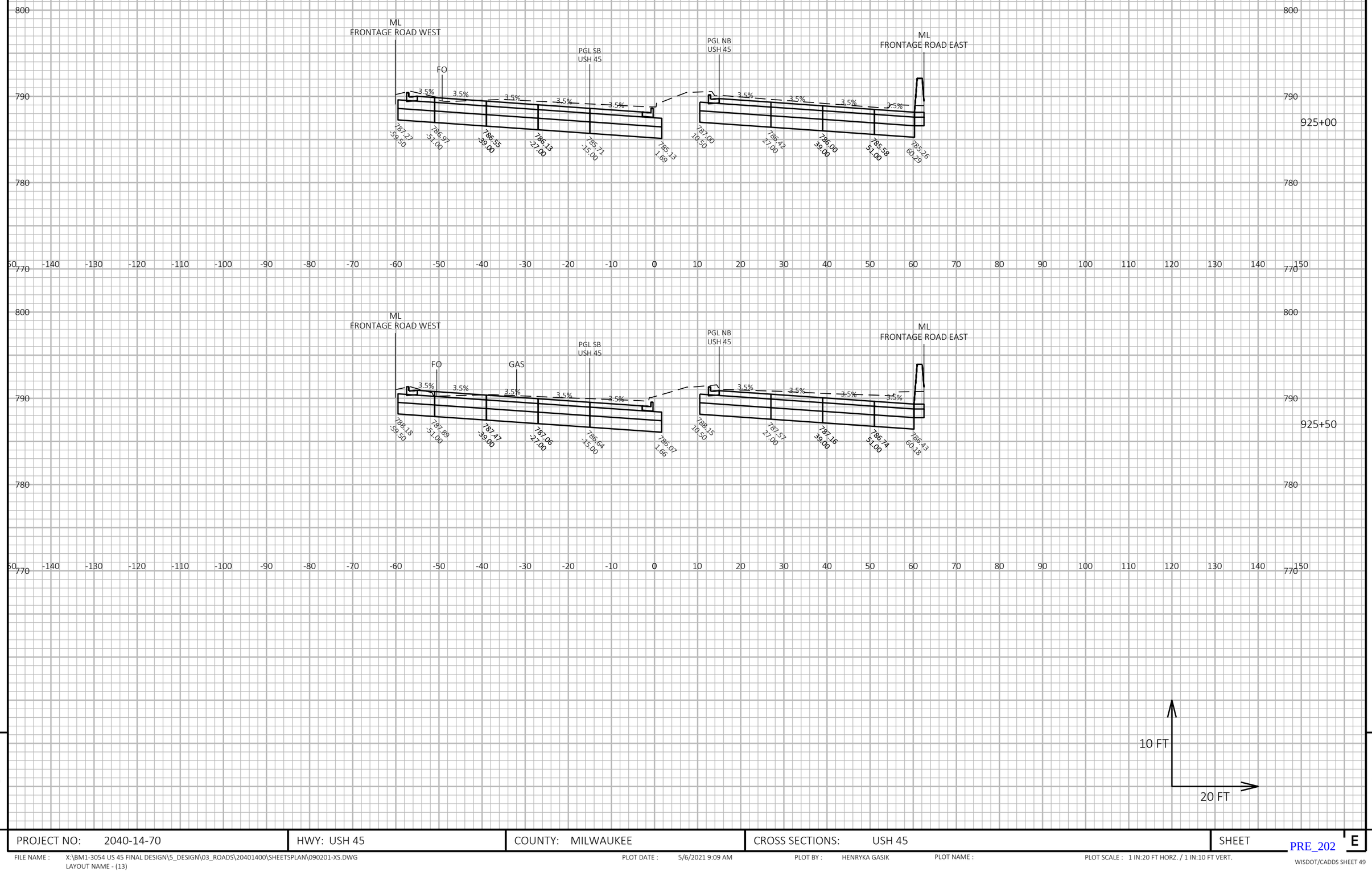
9

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (12)

PLOT DATE : 5/6/2021 9:09 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_201



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

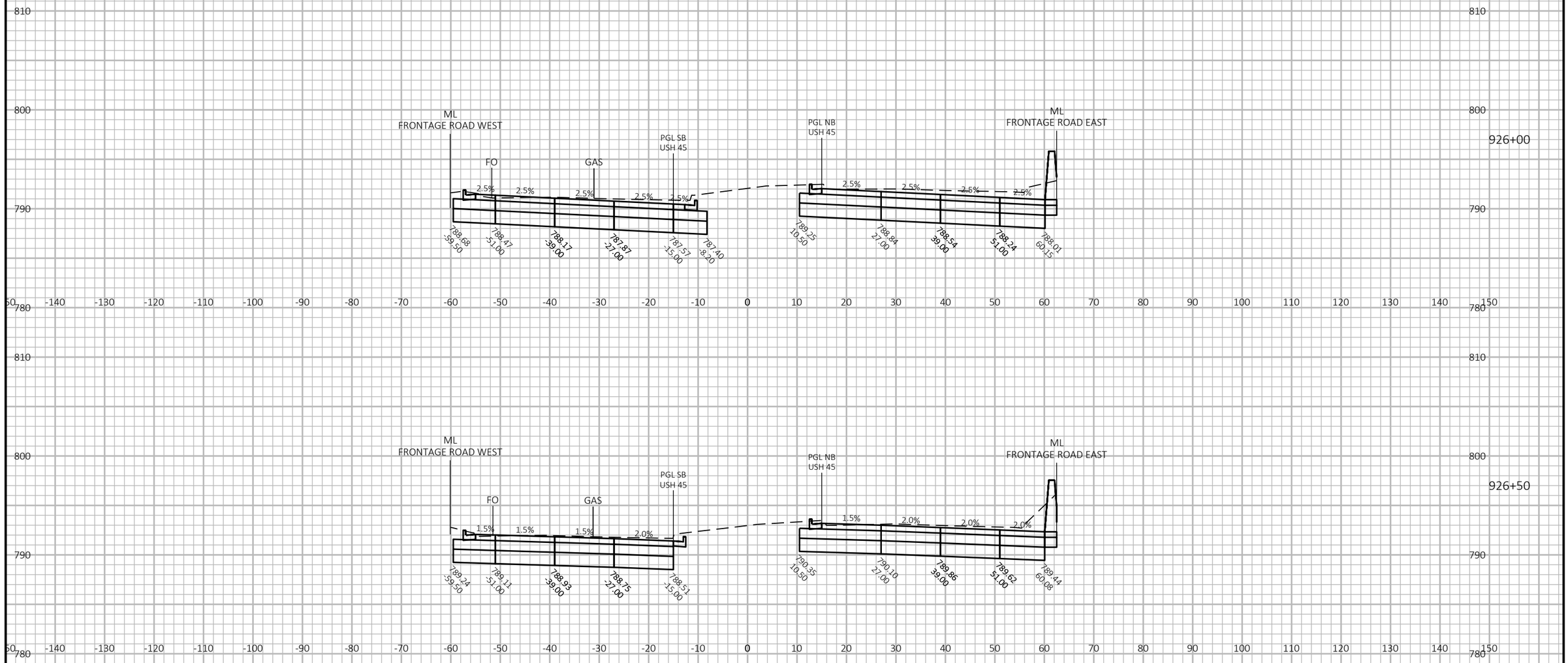
PRE_202

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (13)

PLOT DATE : 5/6/2021 9:09 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

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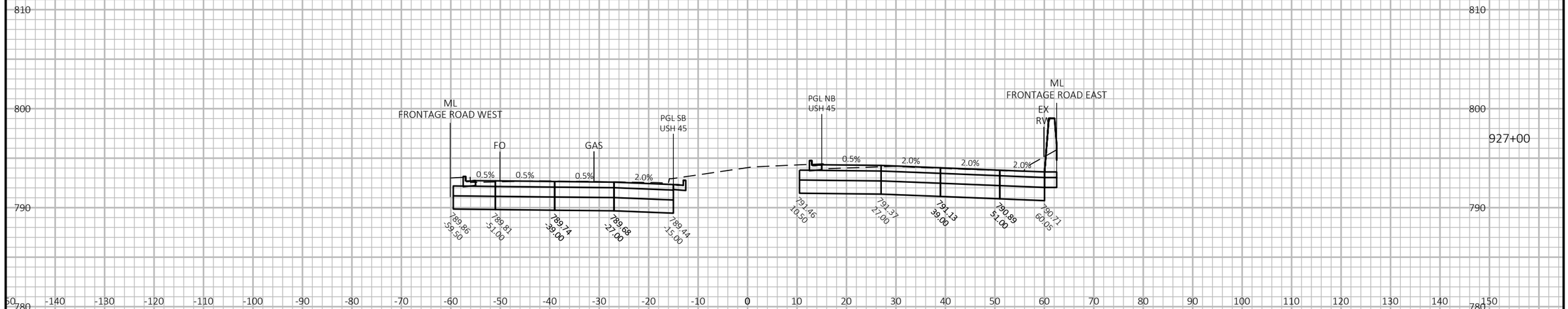
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

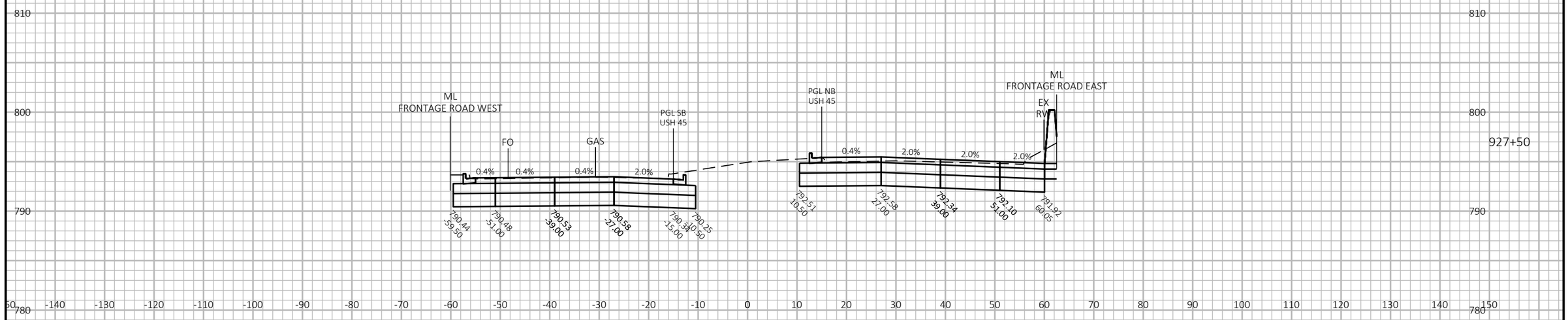
PRE_203

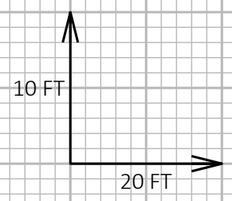
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (14)

PLOT DATE : 5/6/2021 9:09 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49







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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_204

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (15)

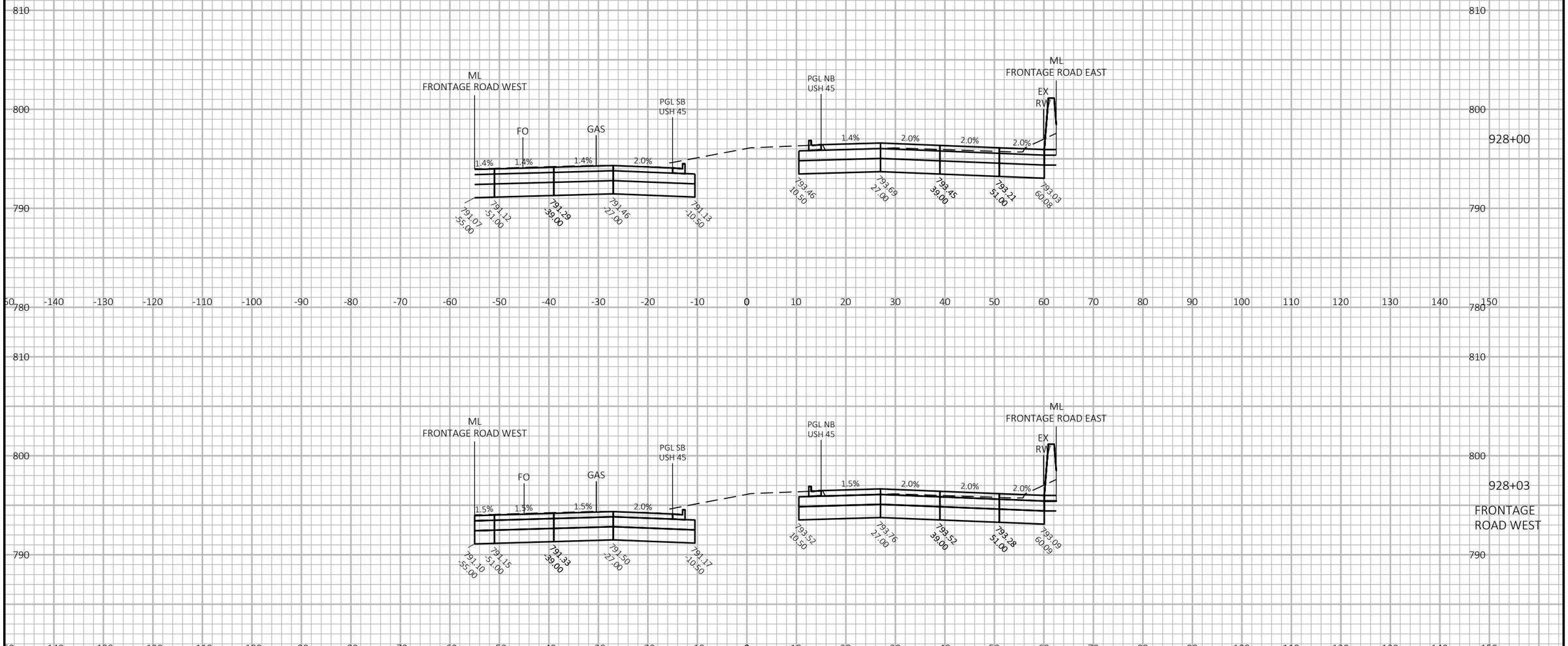
PLOT DATE : 5/6/2021 9:10 AM

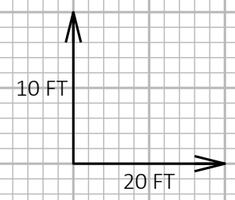
PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49





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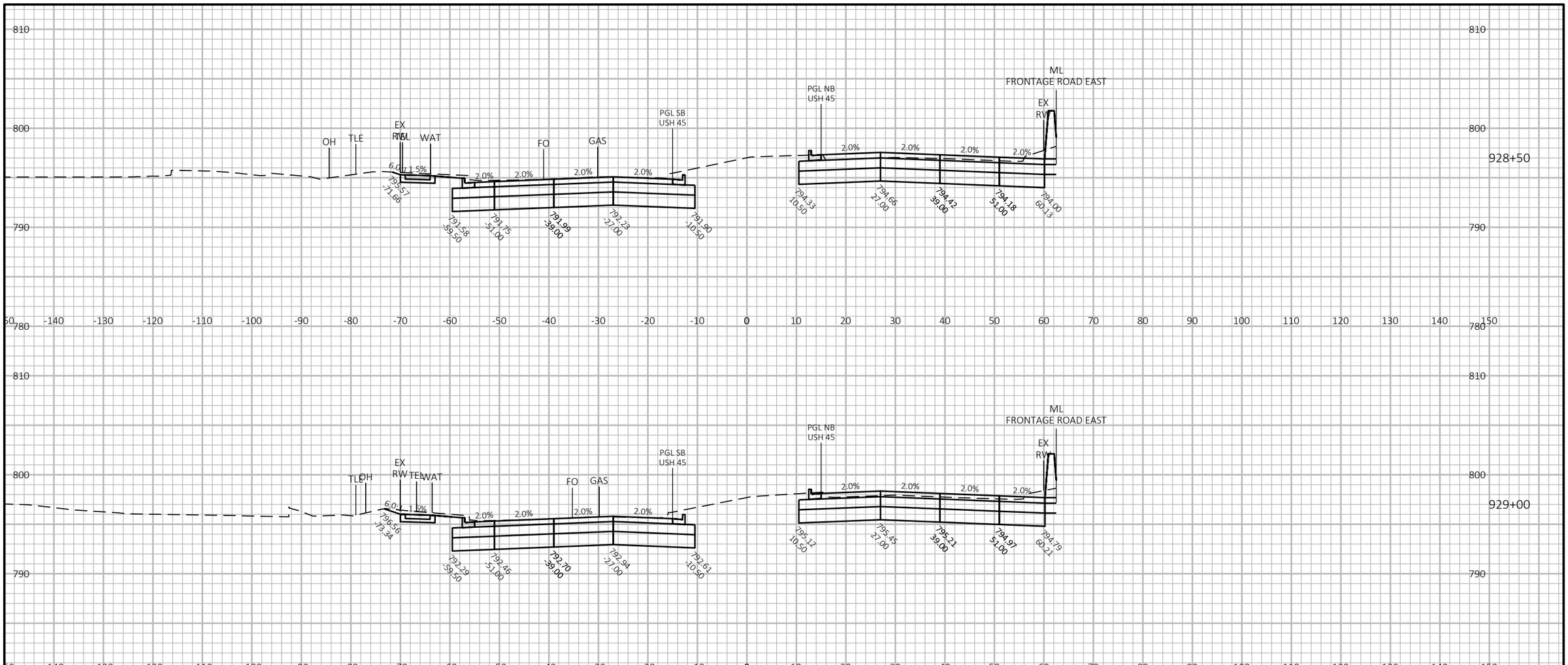
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_205

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (16)

PLOT DATE : 5/6/2021 9:10 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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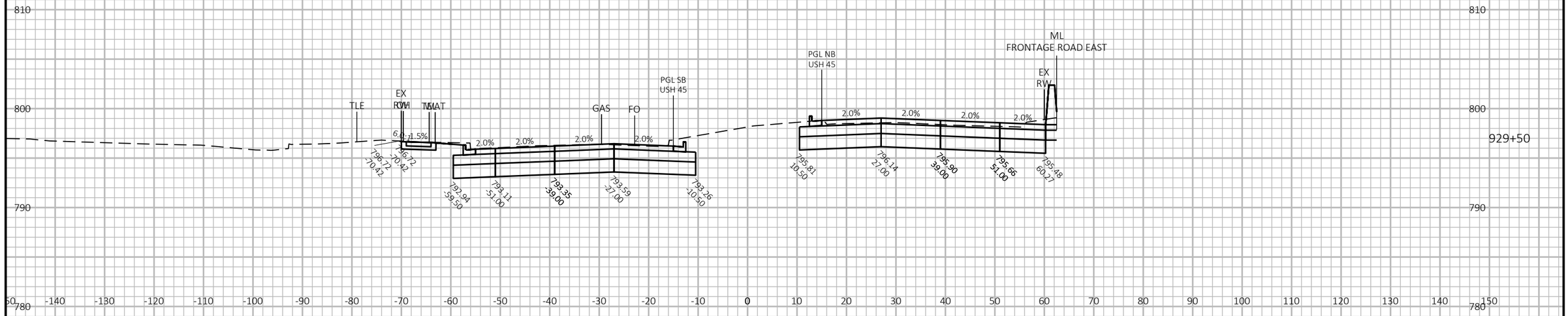
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_206

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (17)

PLOT DATE : 5/6/2021 9:10 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



10 FT

20 FT

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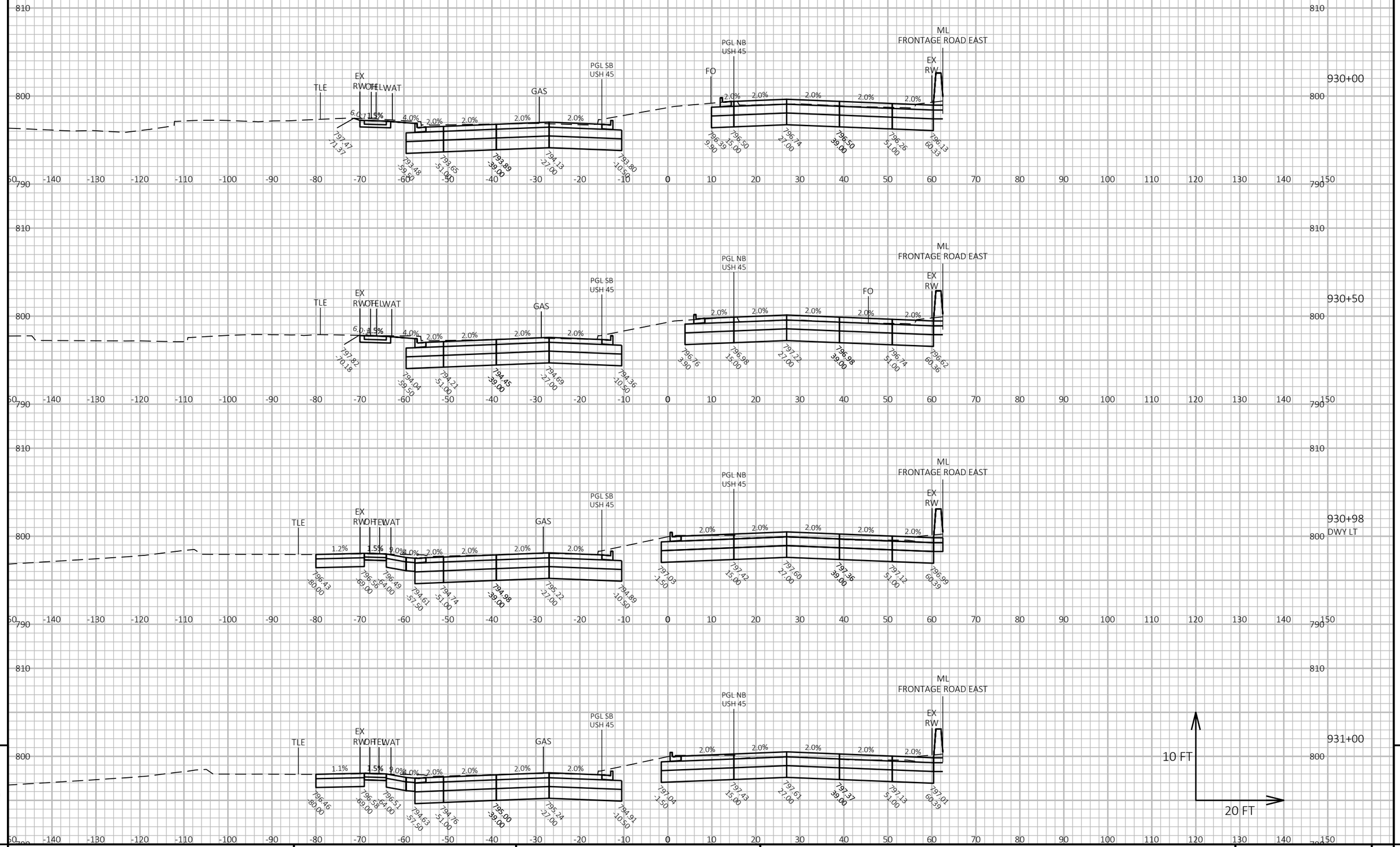
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_207

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090201-XS.DWG
LAYOUT NAME - (18)

PLOT DATE : 5/6/2021 9:10 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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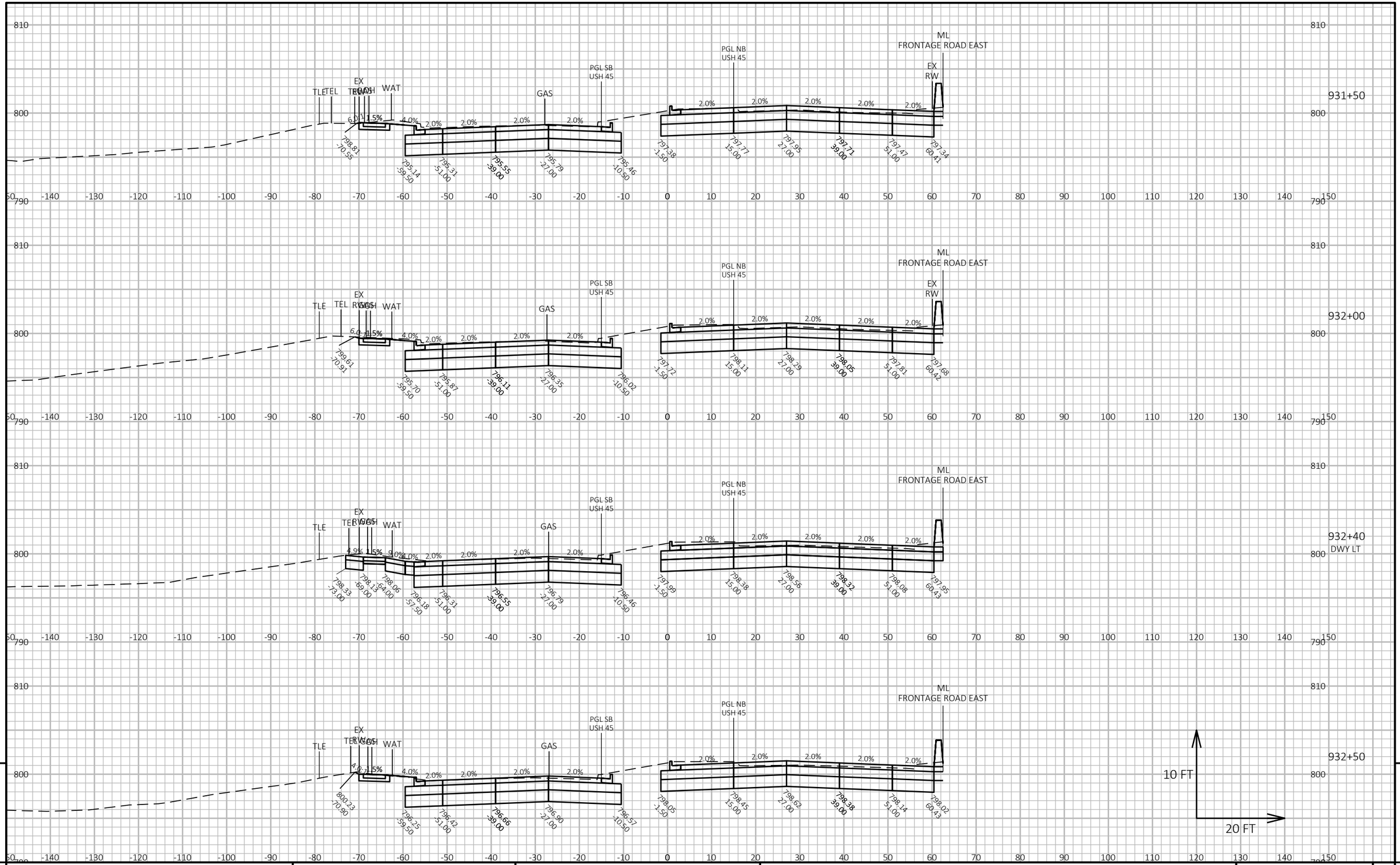
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_208

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (30)

PLOT DATE : 5/6/2021 12:53 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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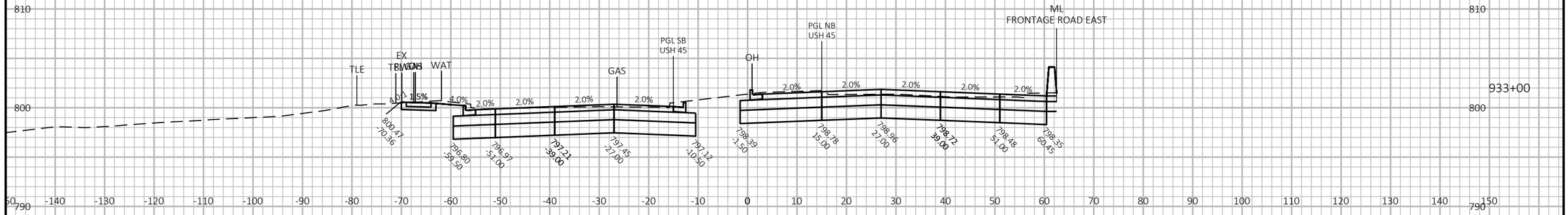
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

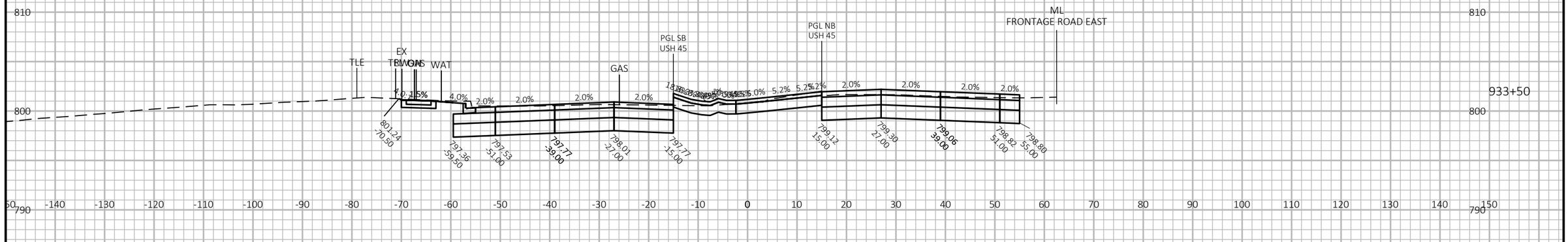
PRE_209

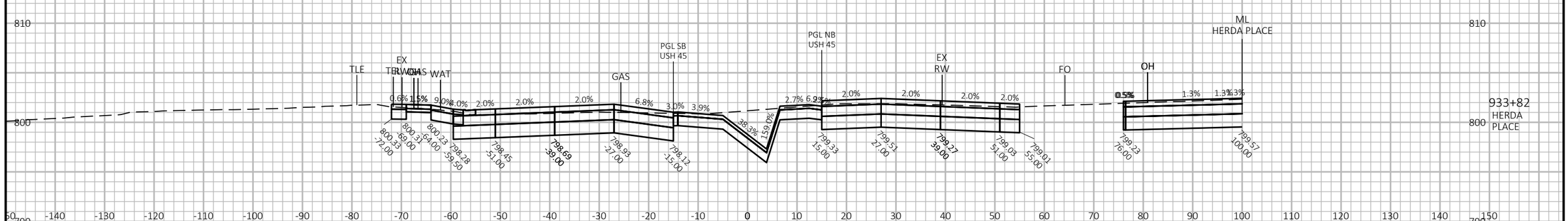
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (31)

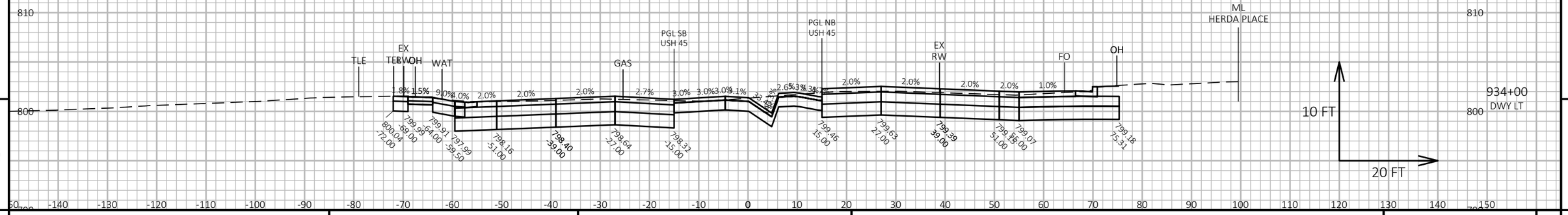
PLOT DATE : 5/6/2021 12:53 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_210

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (32)

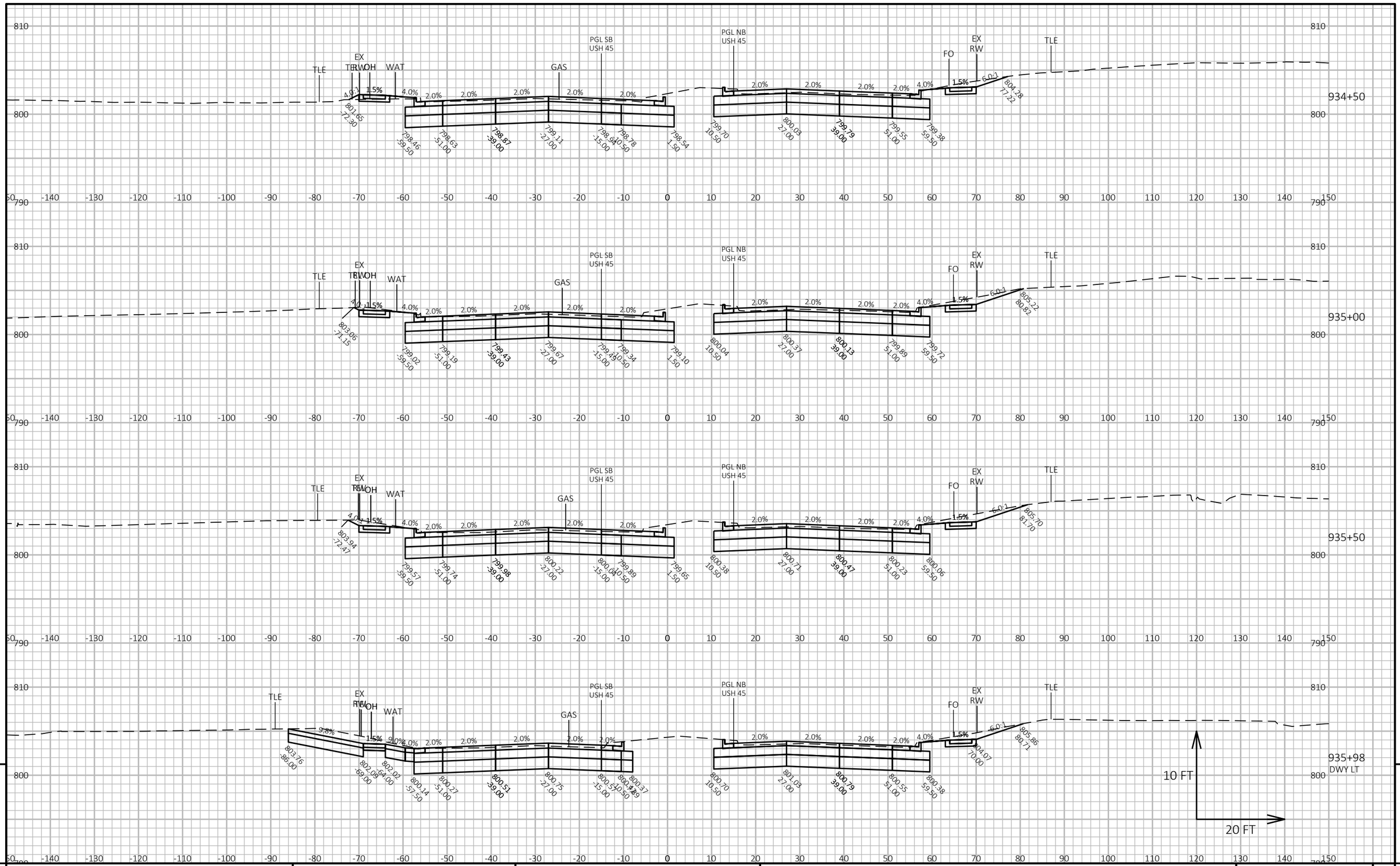
PLOT DATE : 5/6/2021 12:53 PM

PLOT BY : VALBON LATIFI

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_211

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (33)

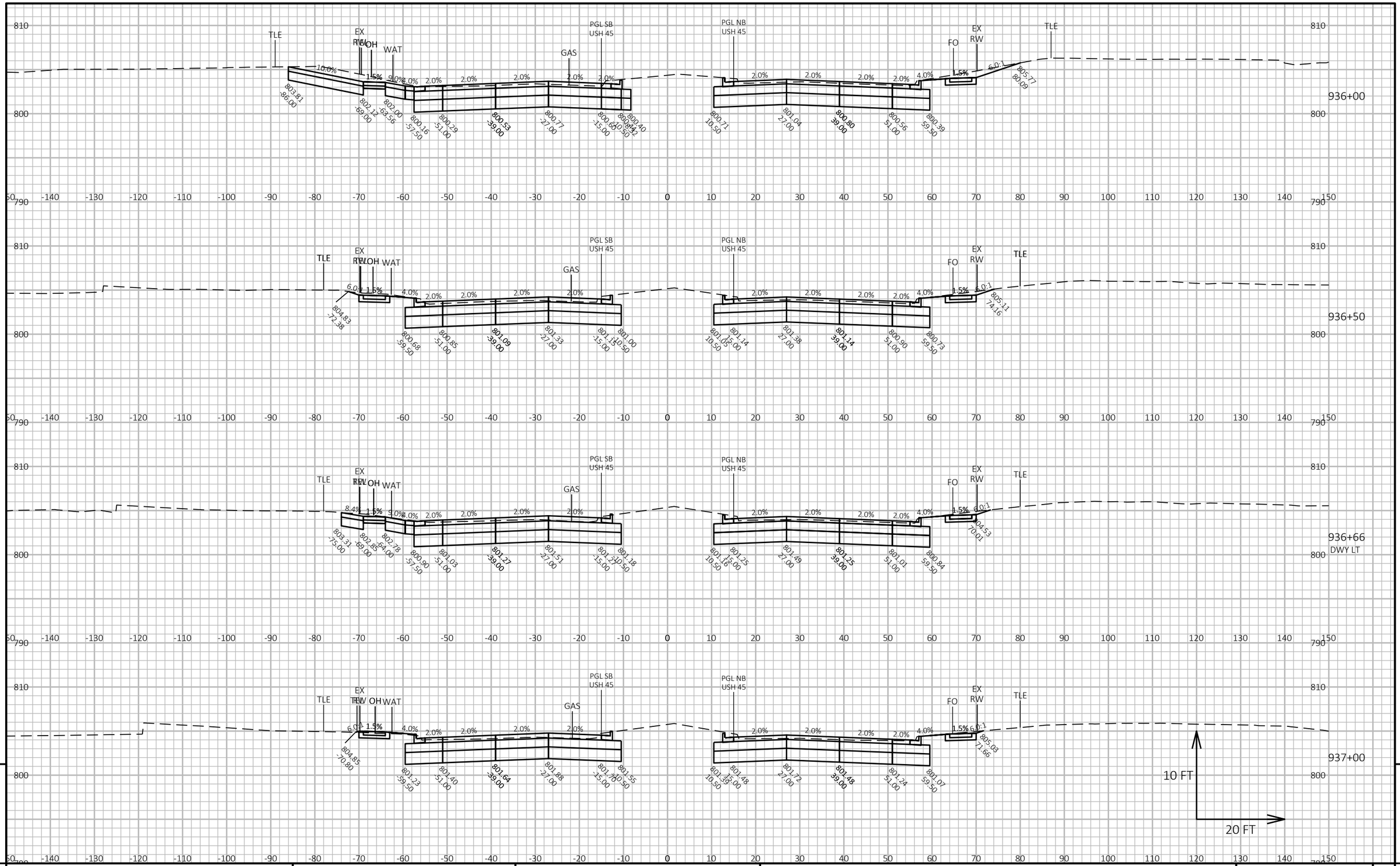
PLOT DATE : 5/6/2021 12:53 PM

PLOT BY : VALBON LATIFI

PLOT NAME :

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

WISDOT/CADDS SHEET 49



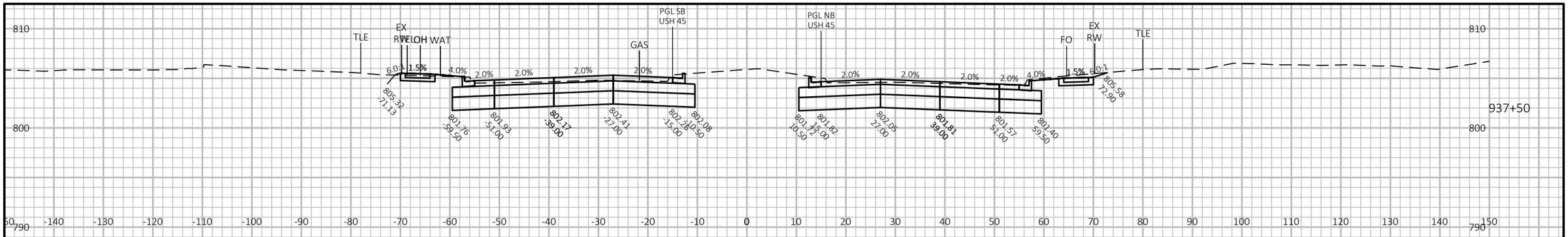
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

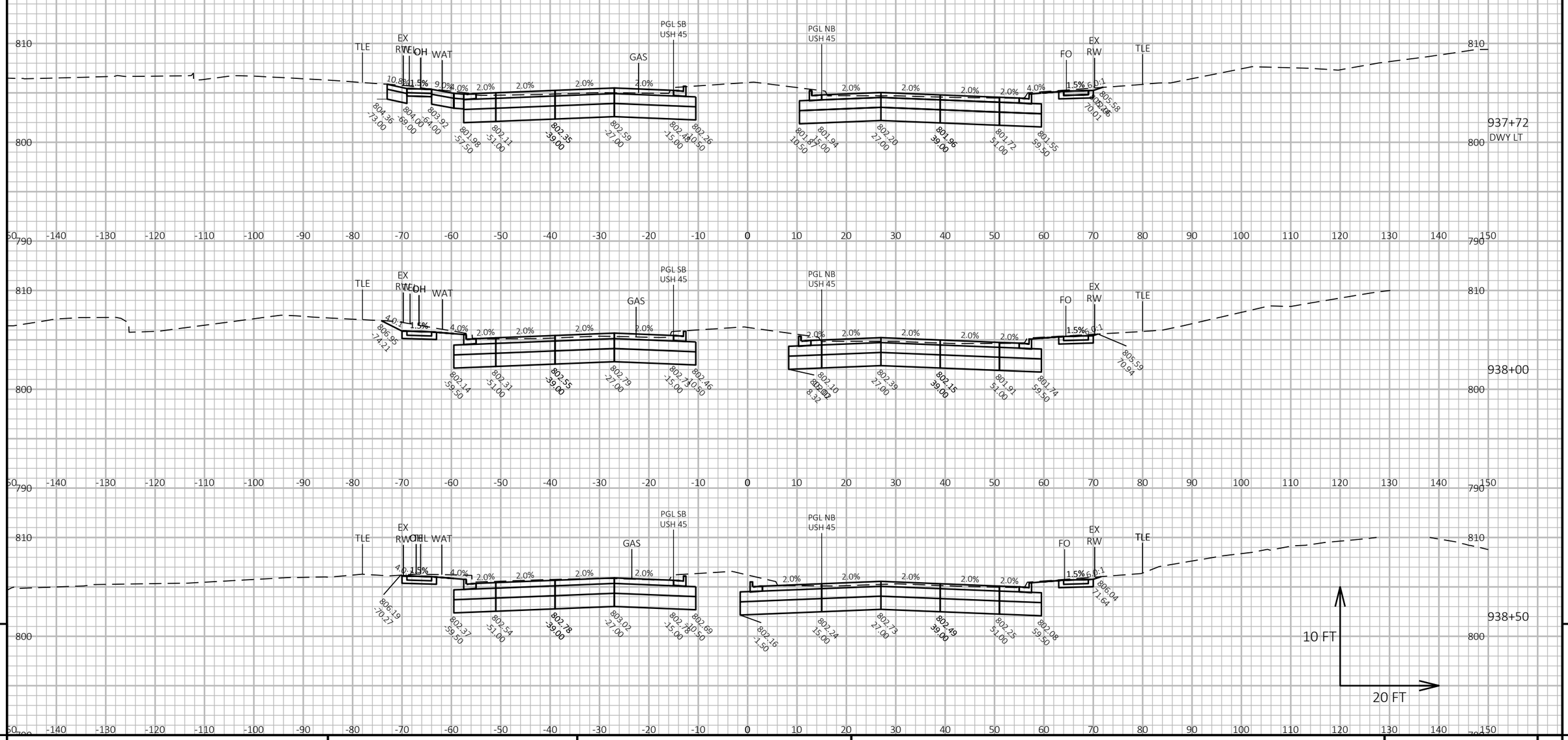
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (34)

PLOT DATE : 5/6/2021 12:53 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_212

WISDOT/CADDS SHEET 49





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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_213

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (35)

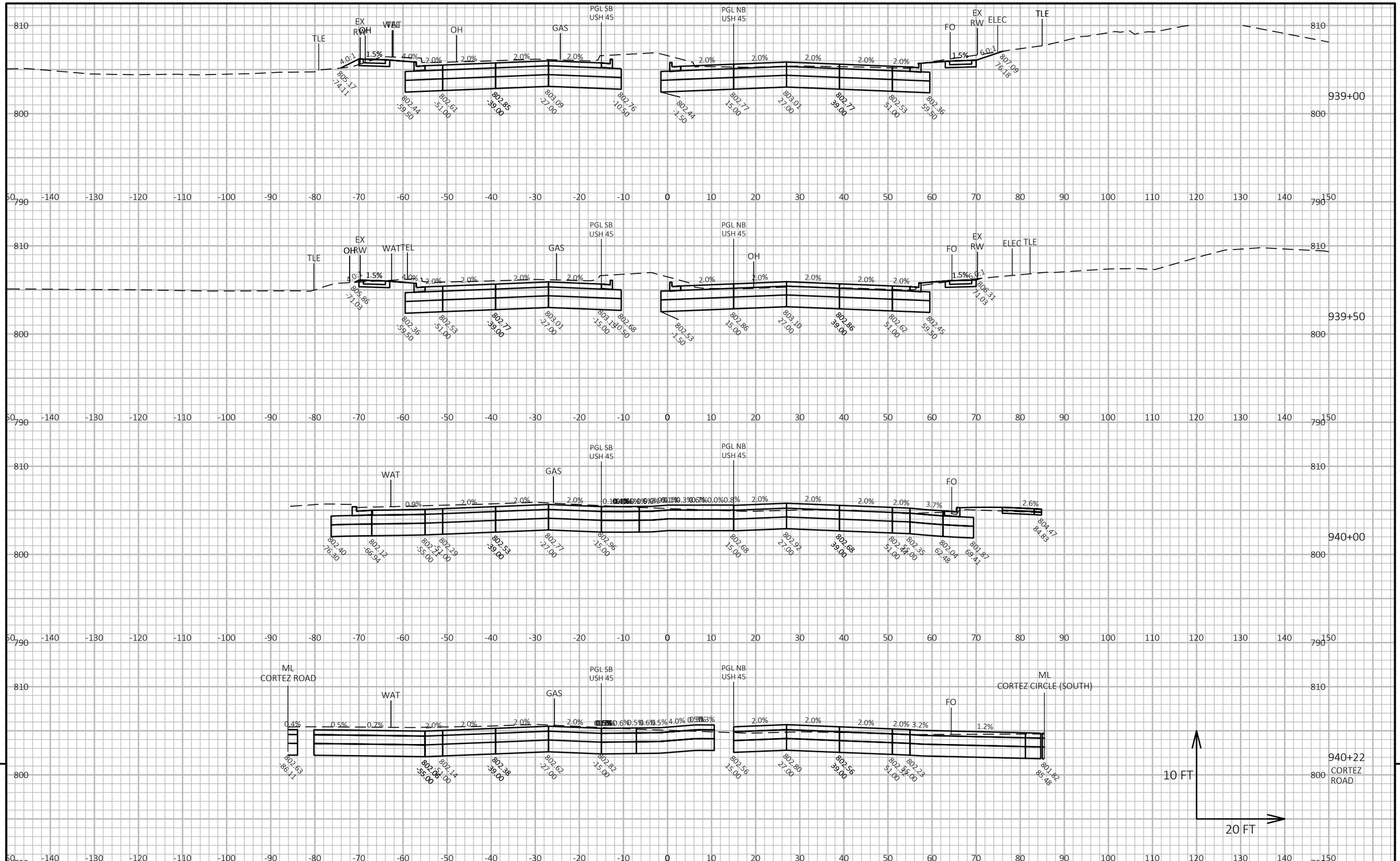
PLOT DATE : 5/6/2021 12:53 PM

PLOT BY : VALBON LATIFI

PLOT NAME :

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

WISDOT/CADDS SHEET 49



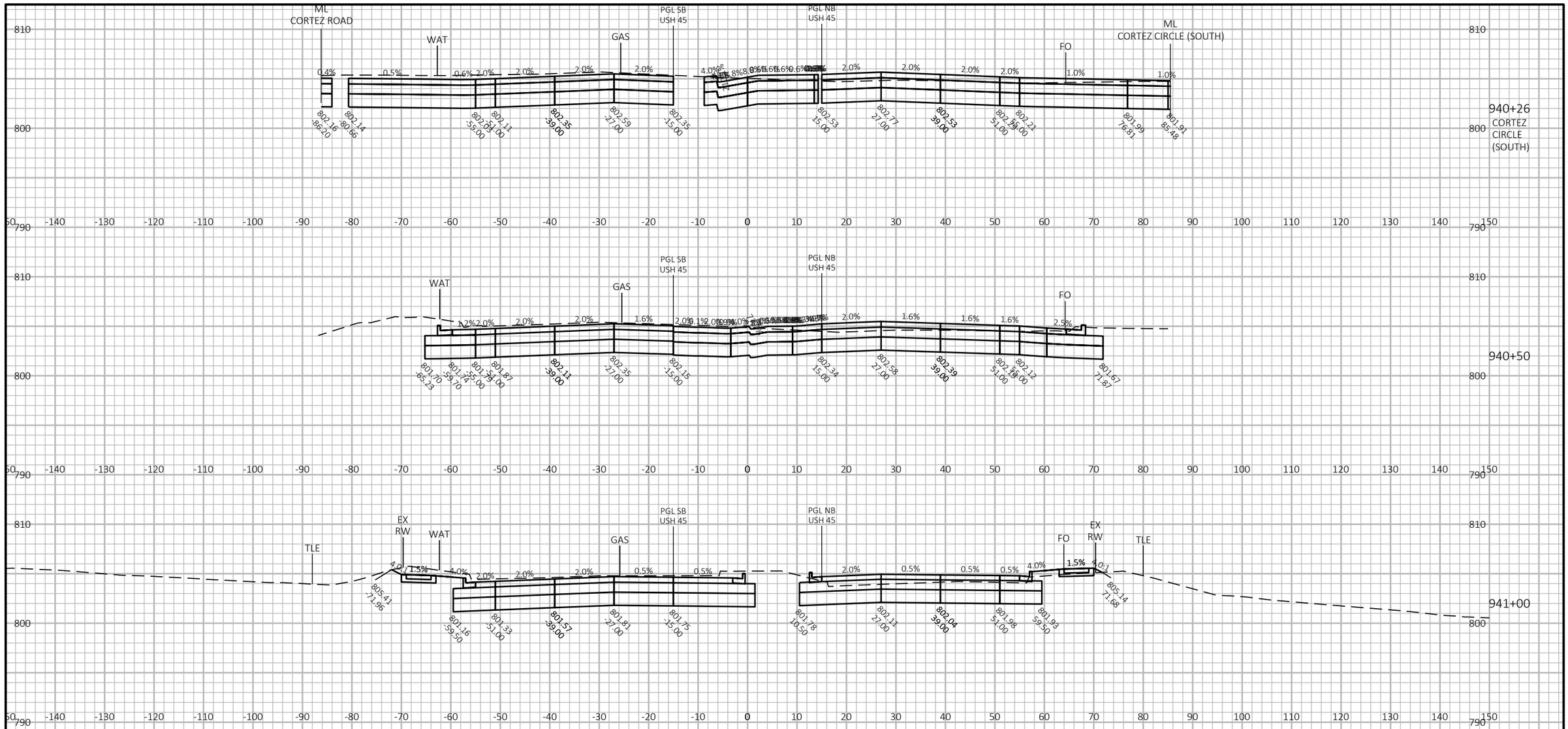
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (36)

PLOT DATE : 5/6/2021 12:54 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_214

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

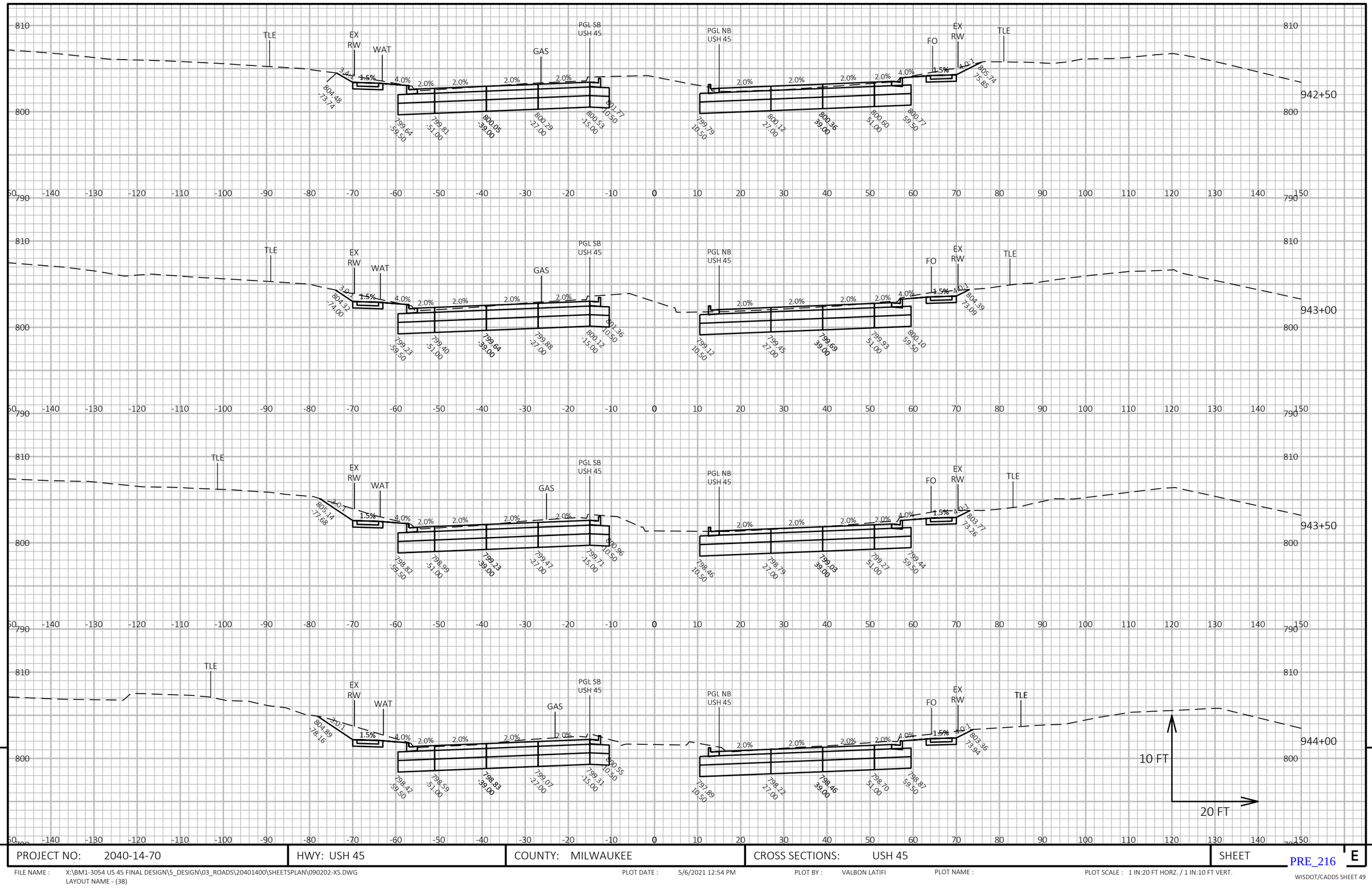
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (37)

PLOT DATE : 5/6/2021 12:54 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_215

WISDOT/CADDS SHEET 49

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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_216

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (38)

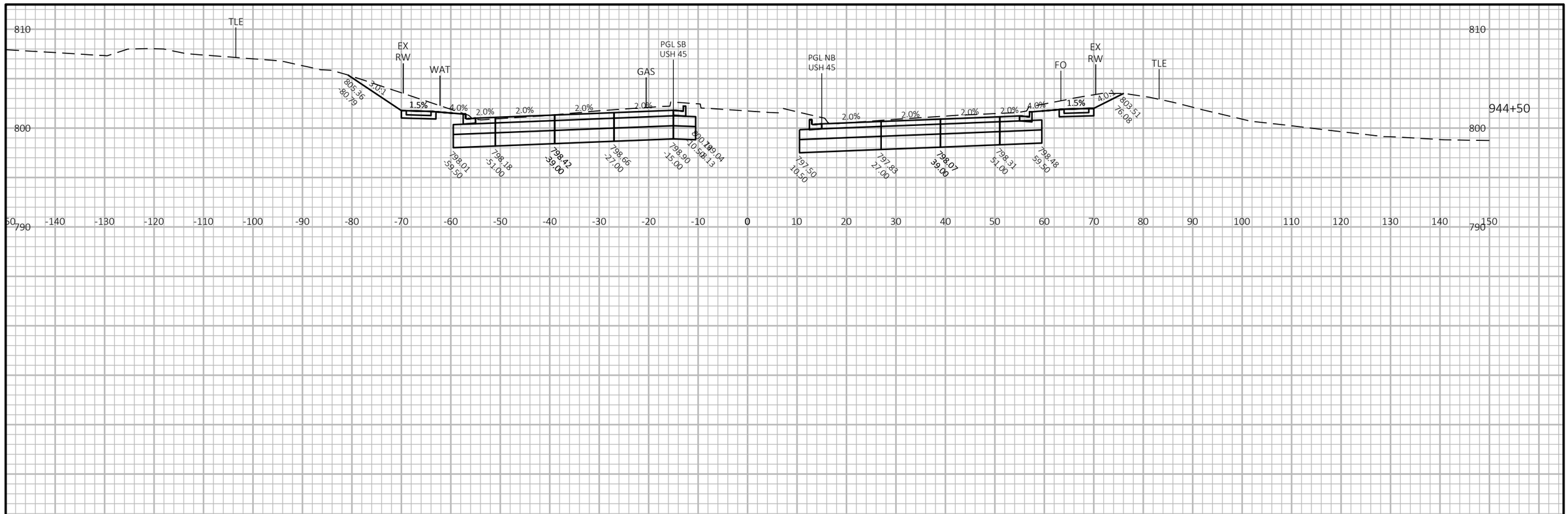
PLOT DATE : 5/6/2021 12:54 PM

PLOT BY : VALBON LATIFI

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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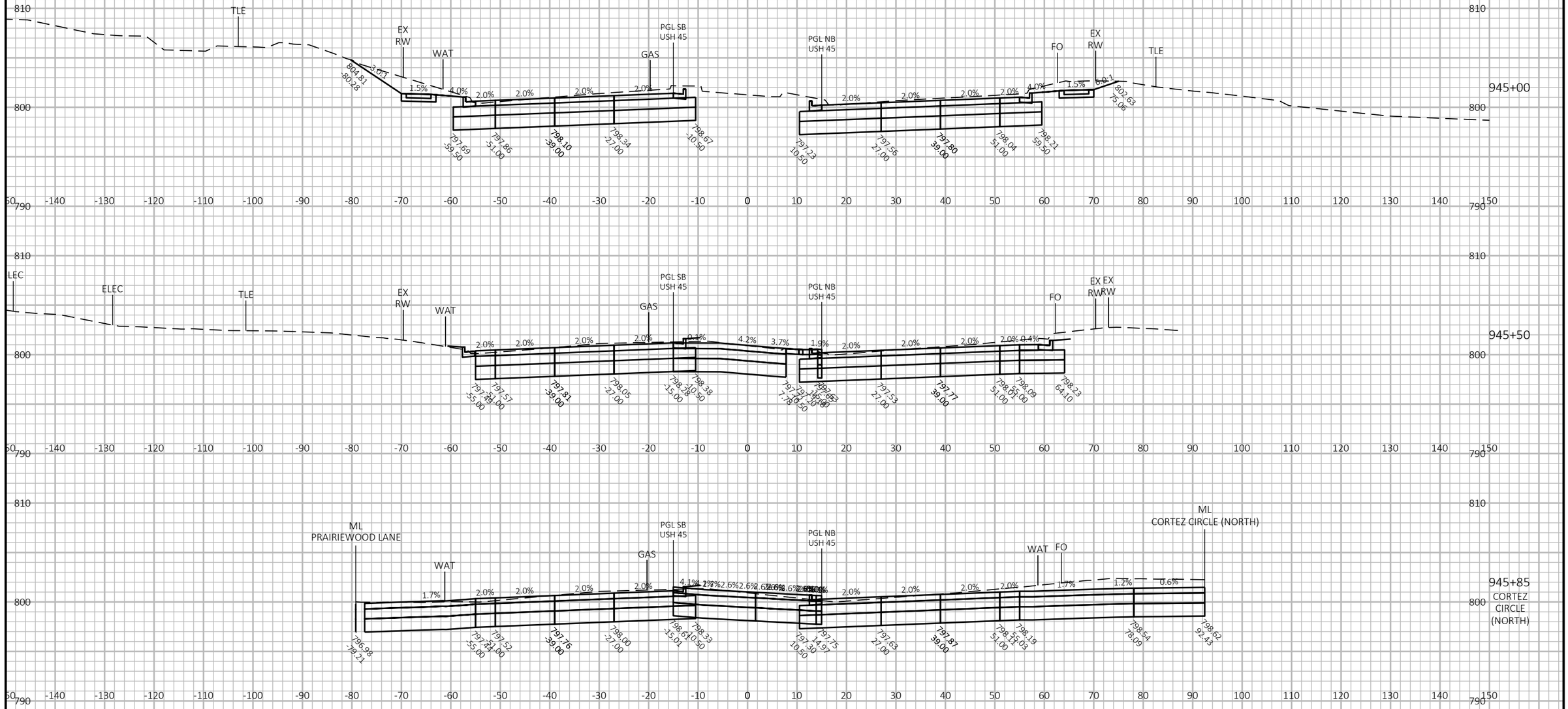
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090202-XS.DWG
LAYOUT NAME - (39)

PLOT DATE : 5/6/2021 12:54 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_217

WISDOT/CADDS SHEET 49



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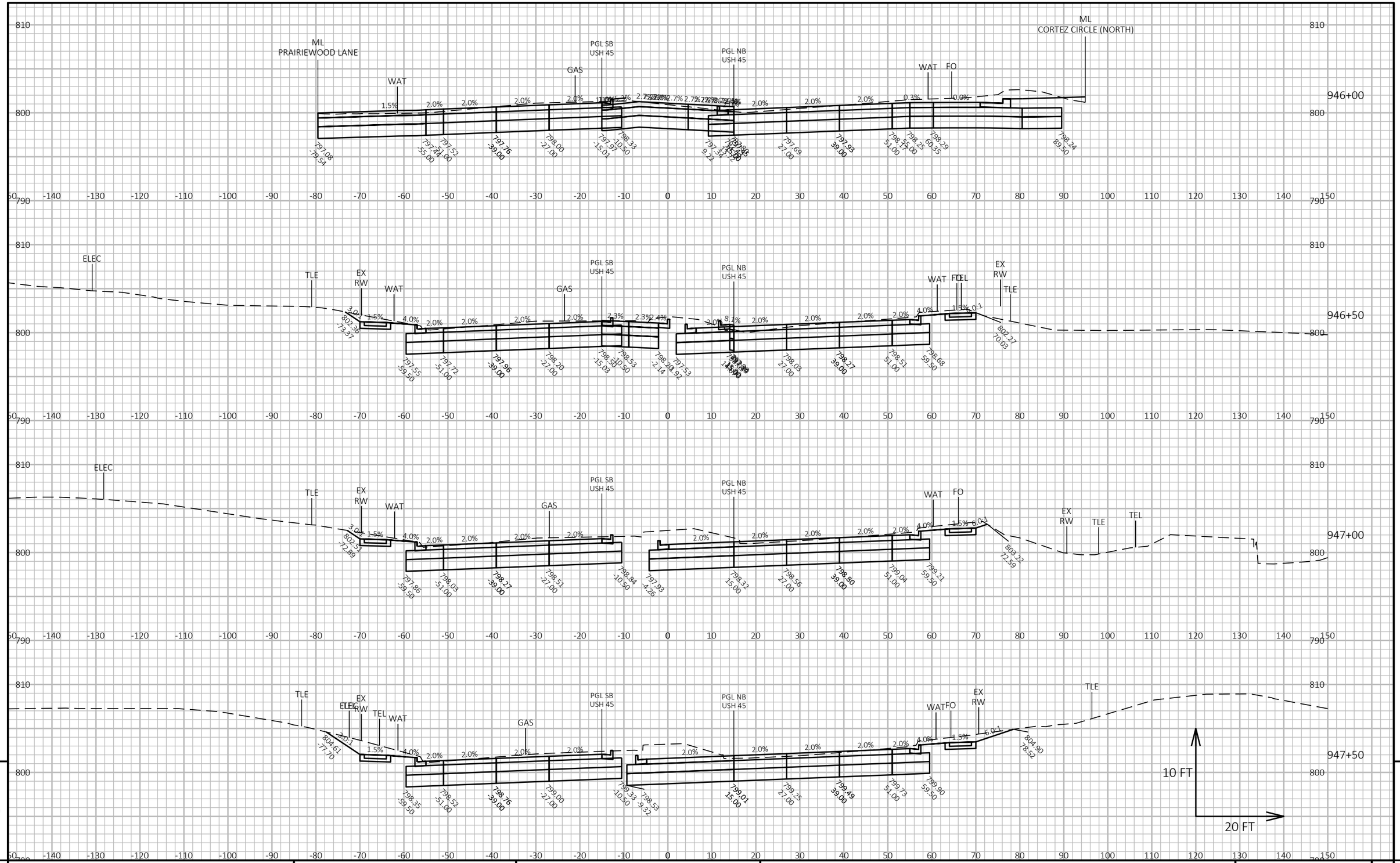
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_218

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (60)

PLOT DATE : 5/6/2021 9:13 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_219

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (61)

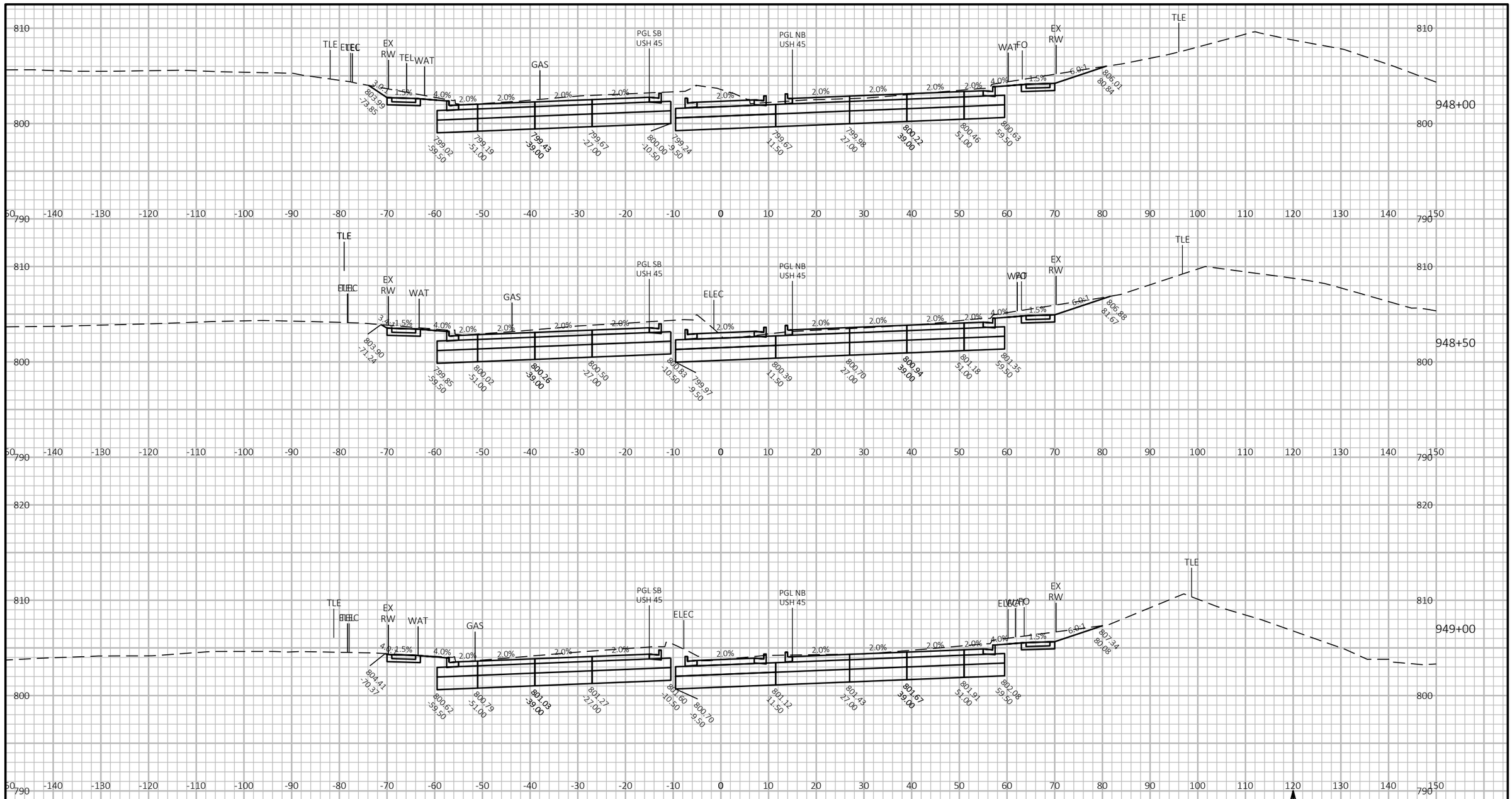
PLOT DATE : 5/6/2021 9:13 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49

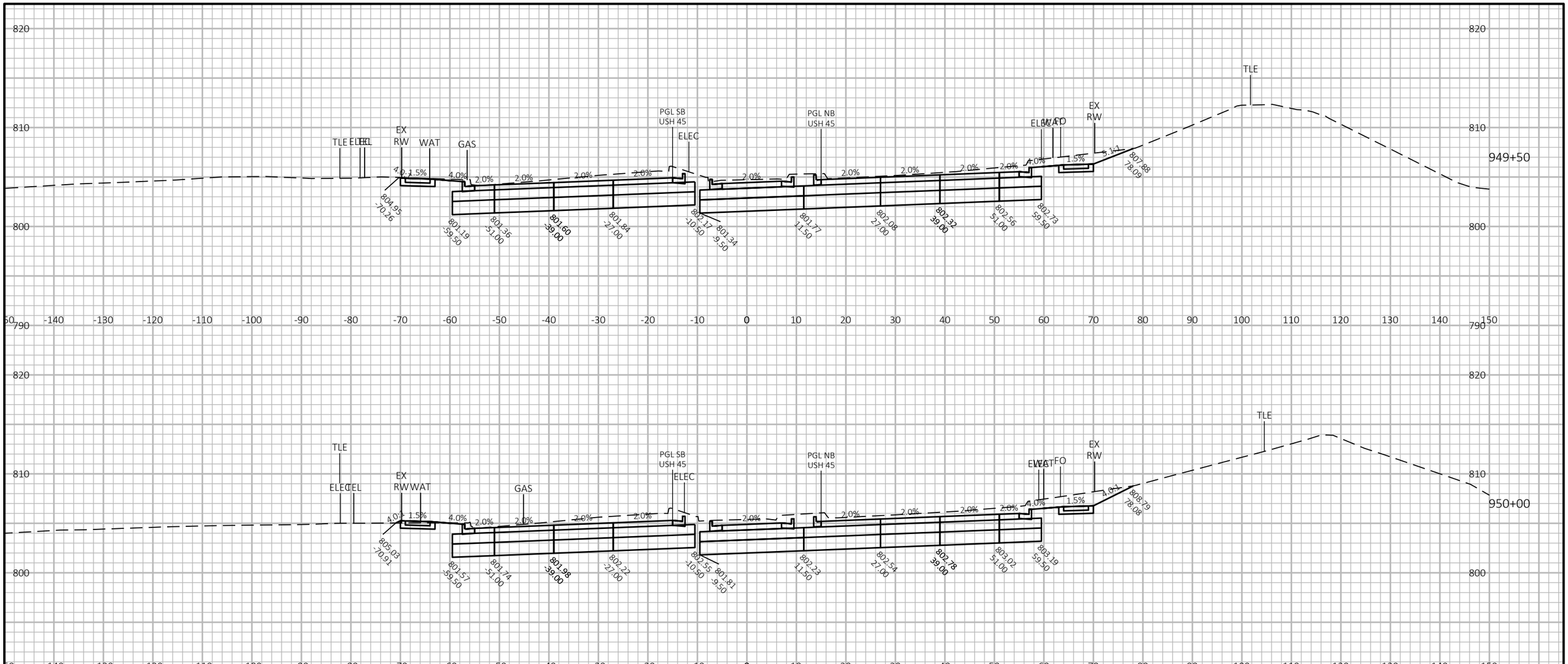


PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (62)

PLOT DATE : 5/6/2021 9:14 AM PLOT BY : HENRYKA GASIK PLOT NAME : PRE_220 PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



10 FT

20 FT

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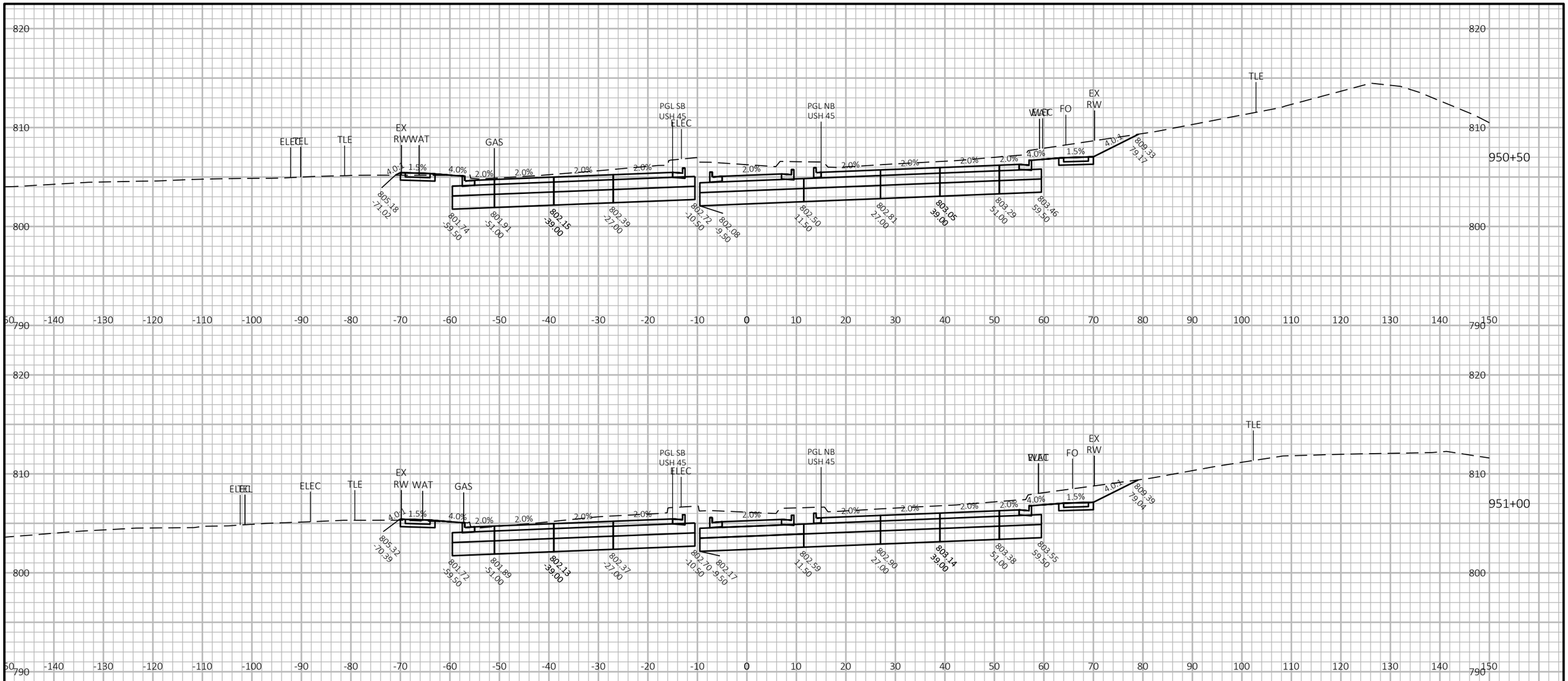
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_221

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (63)

PLOT DATE : 5/6/2021 9:14 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



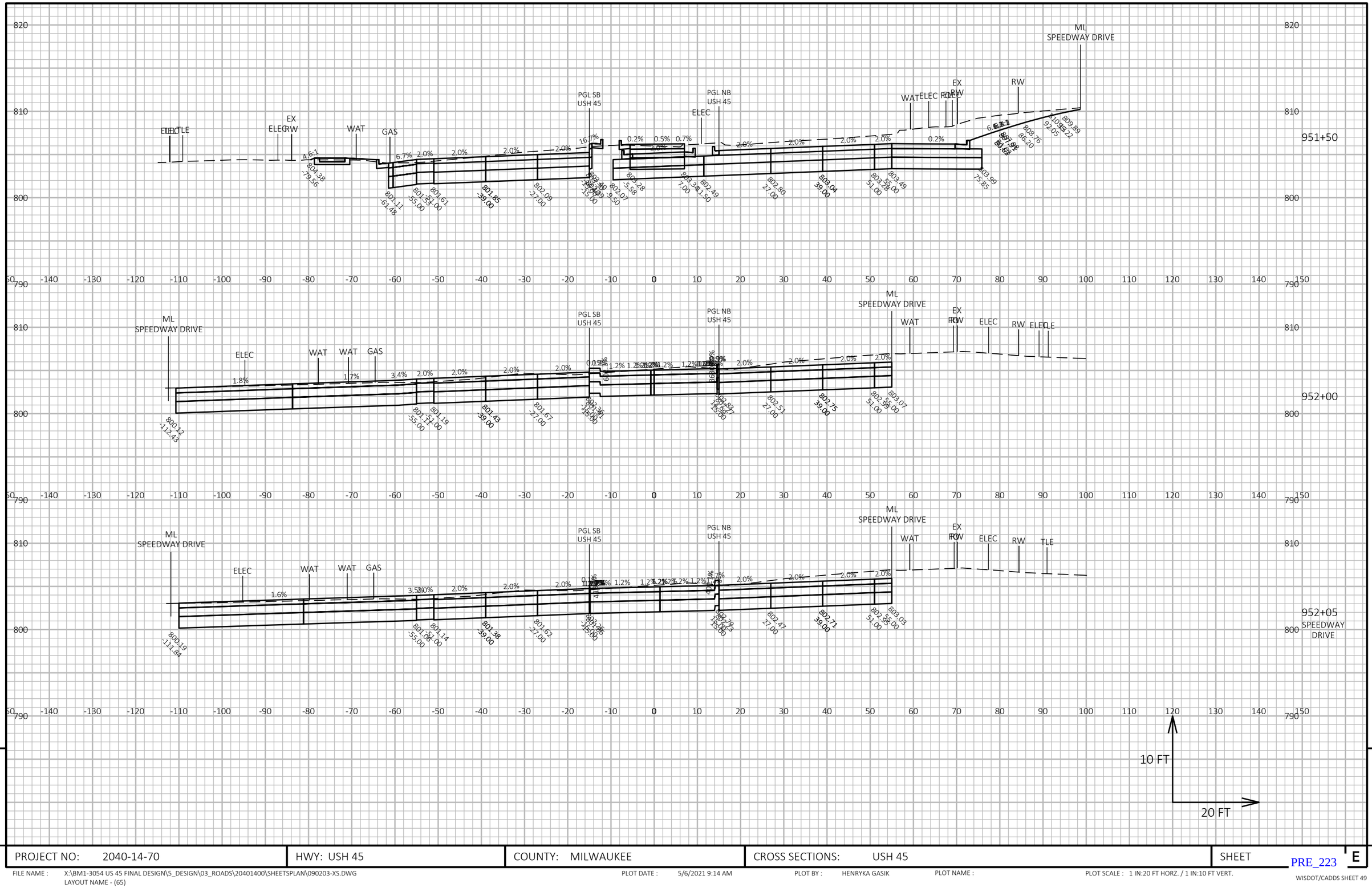
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (64)

PLOT DATE : 5/6/2021 9:14 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_222

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_223

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (65)

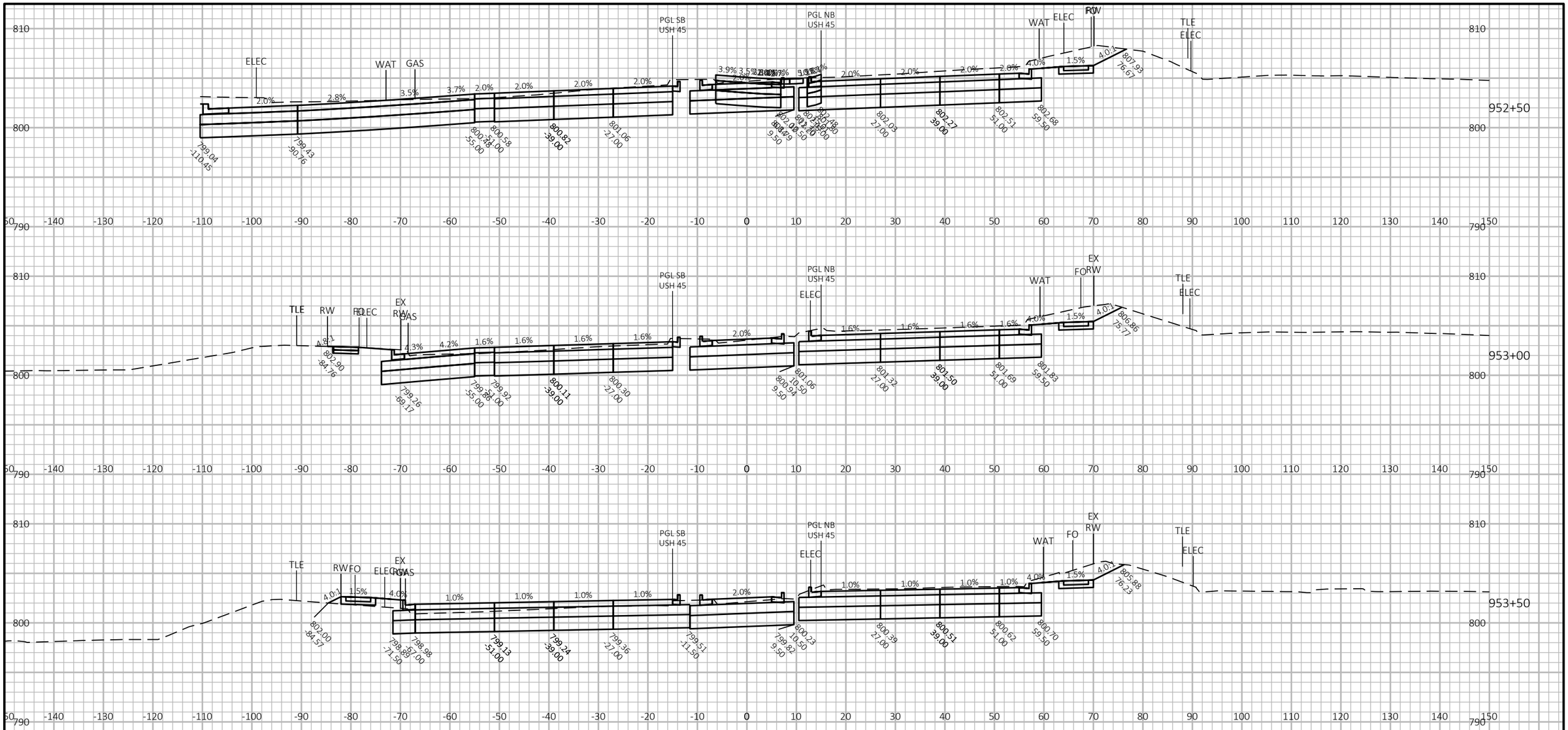
PLOT DATE : 5/6/2021 9:14 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49



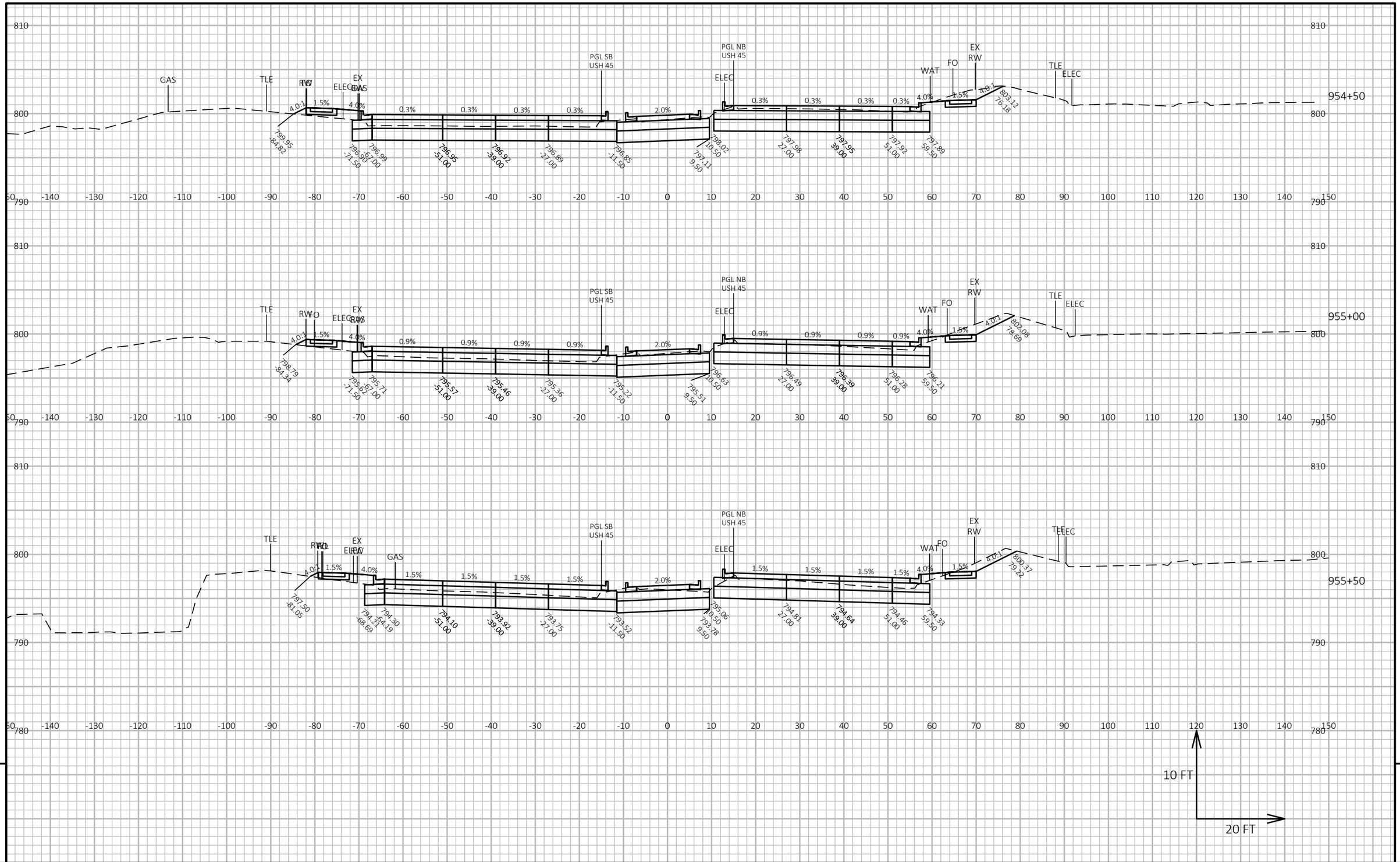
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (66)

PLOT DATE : 5/6/2021 9:14 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_224

WISDOT/CADDS SHEET 49



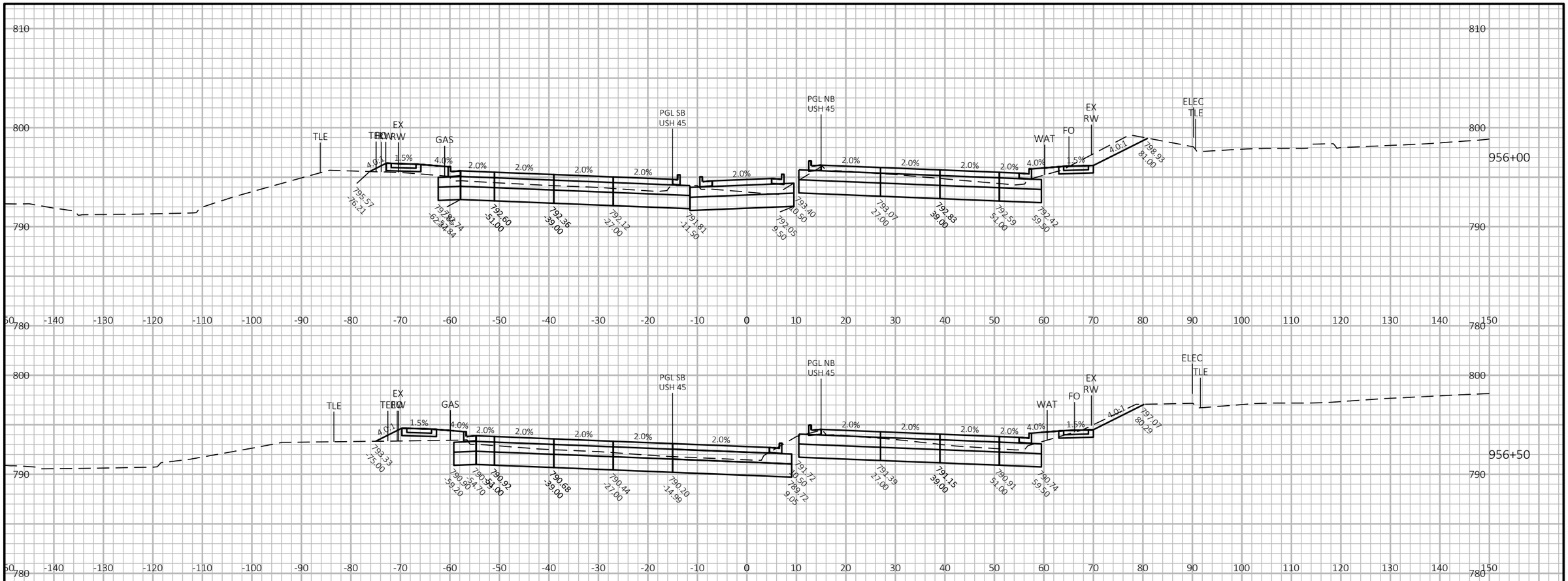
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (67)

PLOT DATE : 5/6/2021 9:14 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_225

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_226

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090203-XS.DWG
LAYOUT NAME - (68)

PLOT DATE : 5/6/2021 9:14 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_227

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (90)

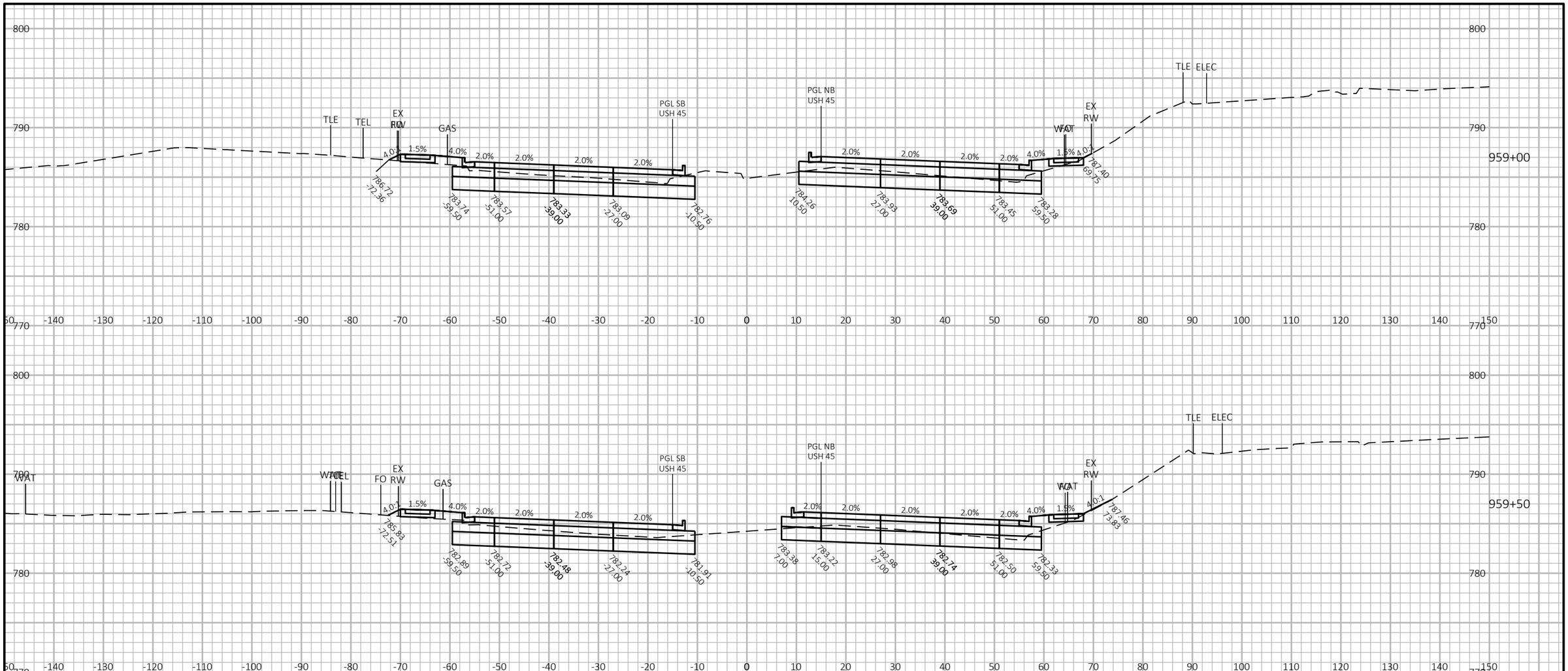
PLOT DATE : 5/6/2021 9:14 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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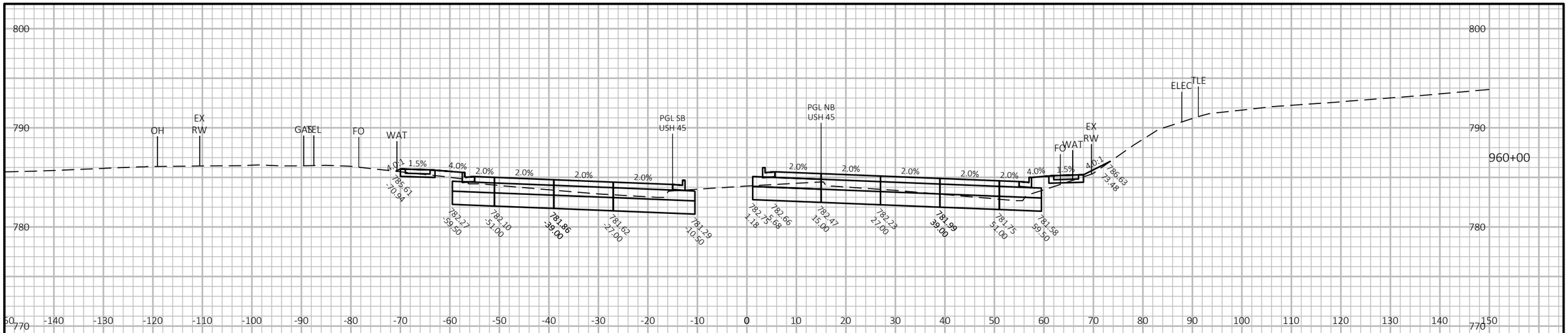
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

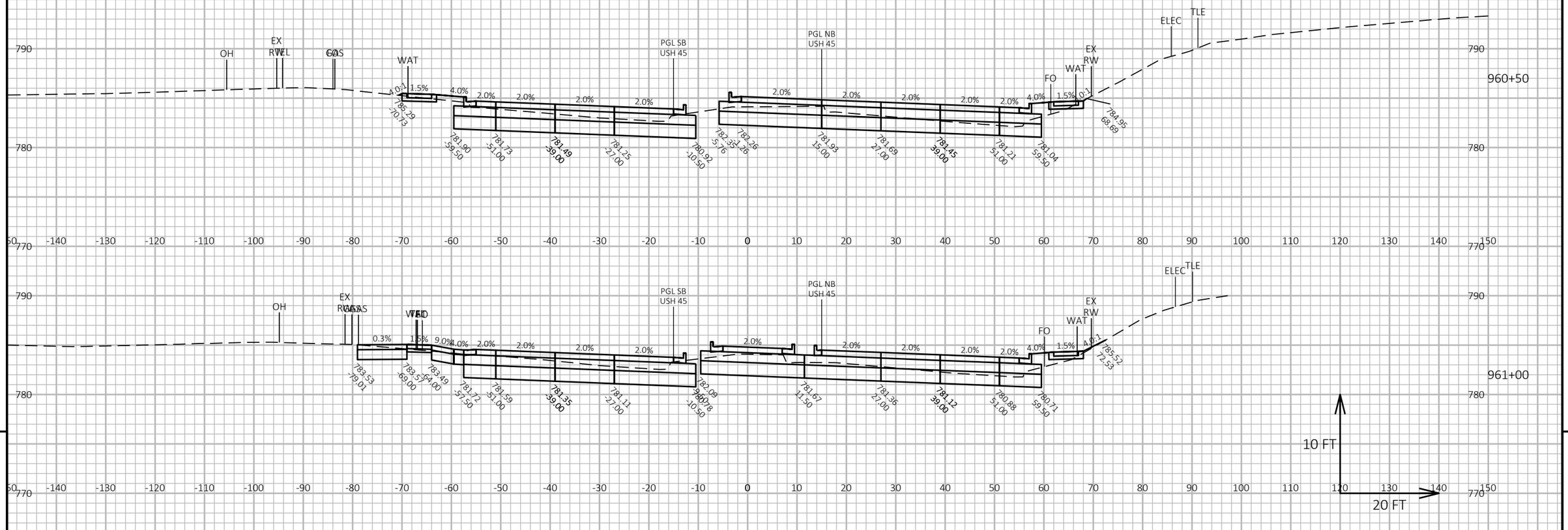
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (91)

PLOT DATE : 5/6/2021 9:14 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_228

WISDOT/CADDS SHEET 49





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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (92)

PLOT DATE : 5/6/2021 9:15 AM

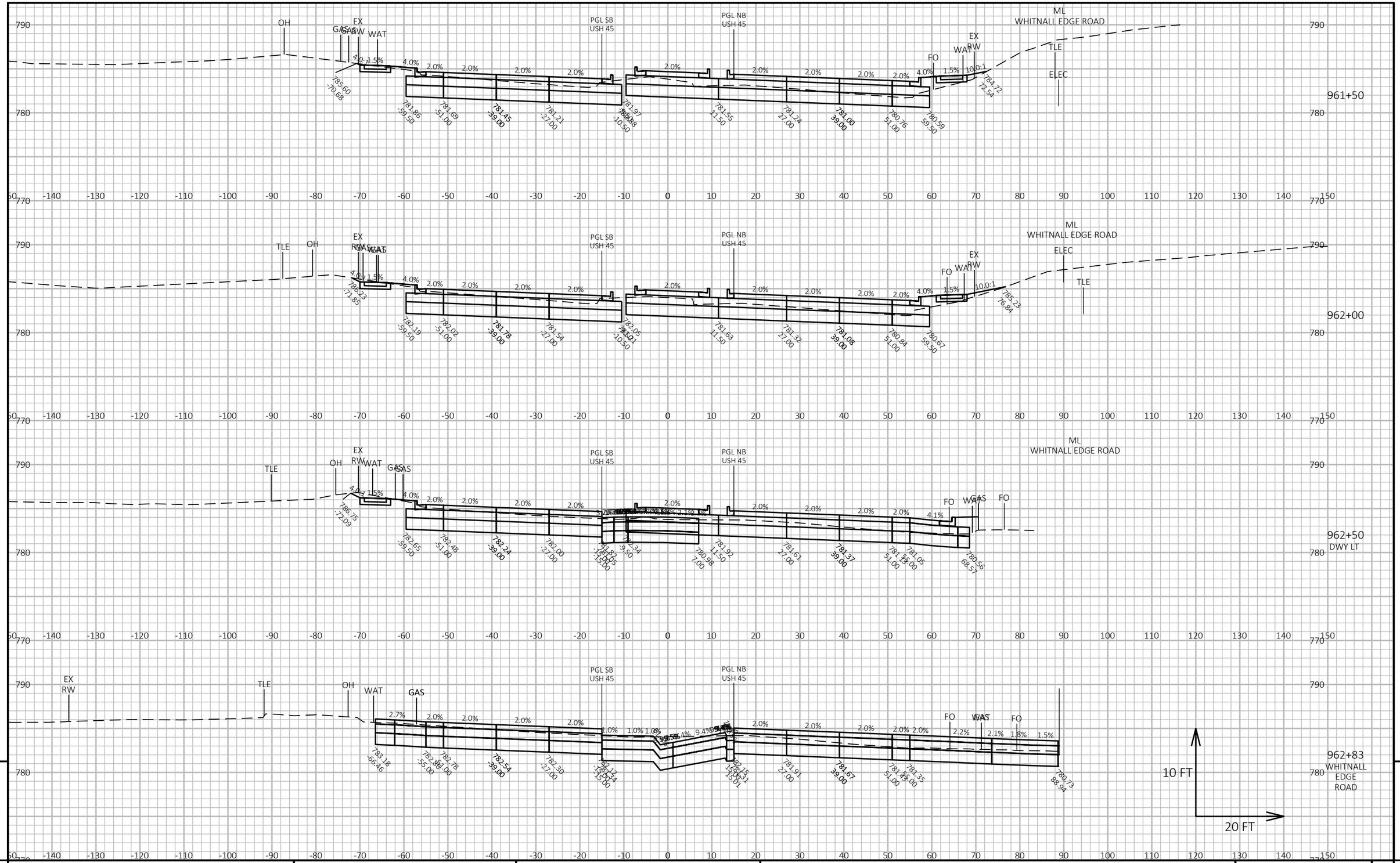
PLOT BY : HENRYKA GASIK

PLOT NAME :

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

PRE_229

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_230

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (93)

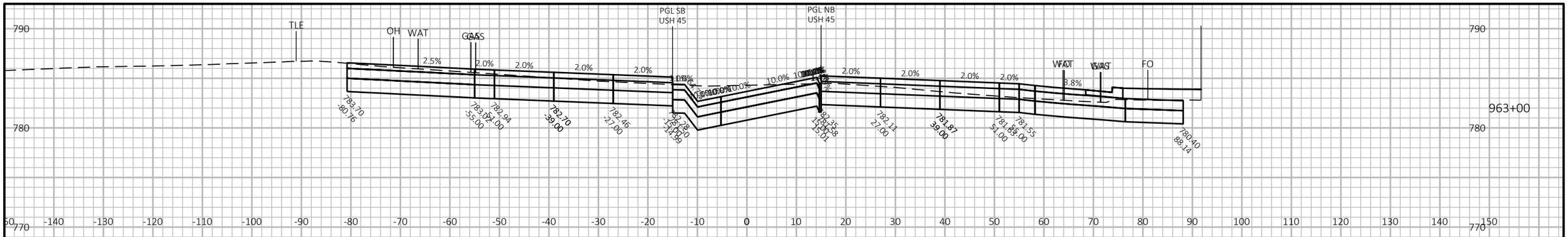
PLOT DATE : 5/6/2021 9:15 AM

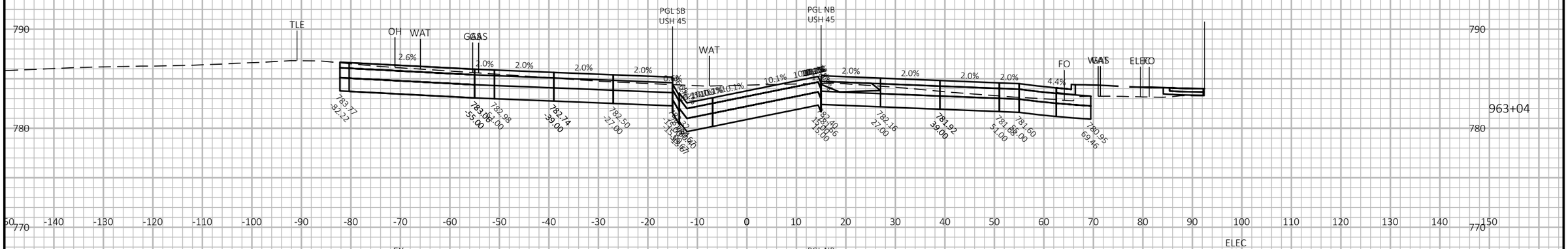
PLOT BY : HENRYKA GASIK

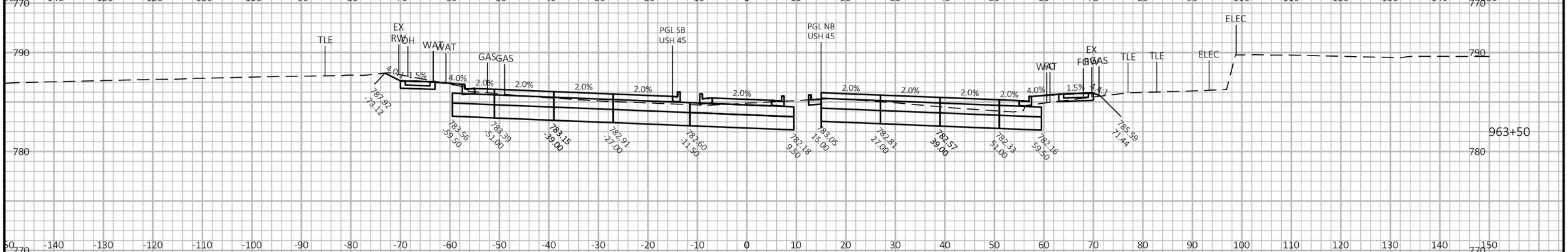
PLOT NAME :

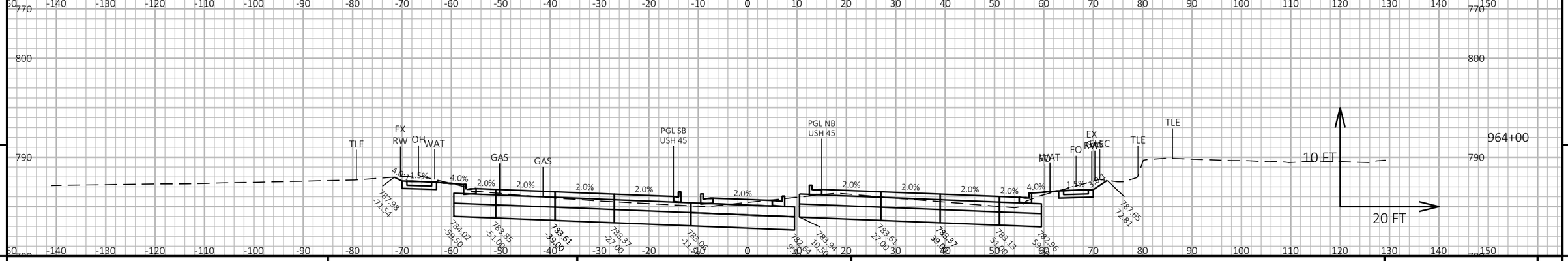
PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (94)

PLOT DATE : 5/6/2021 9:15 AM

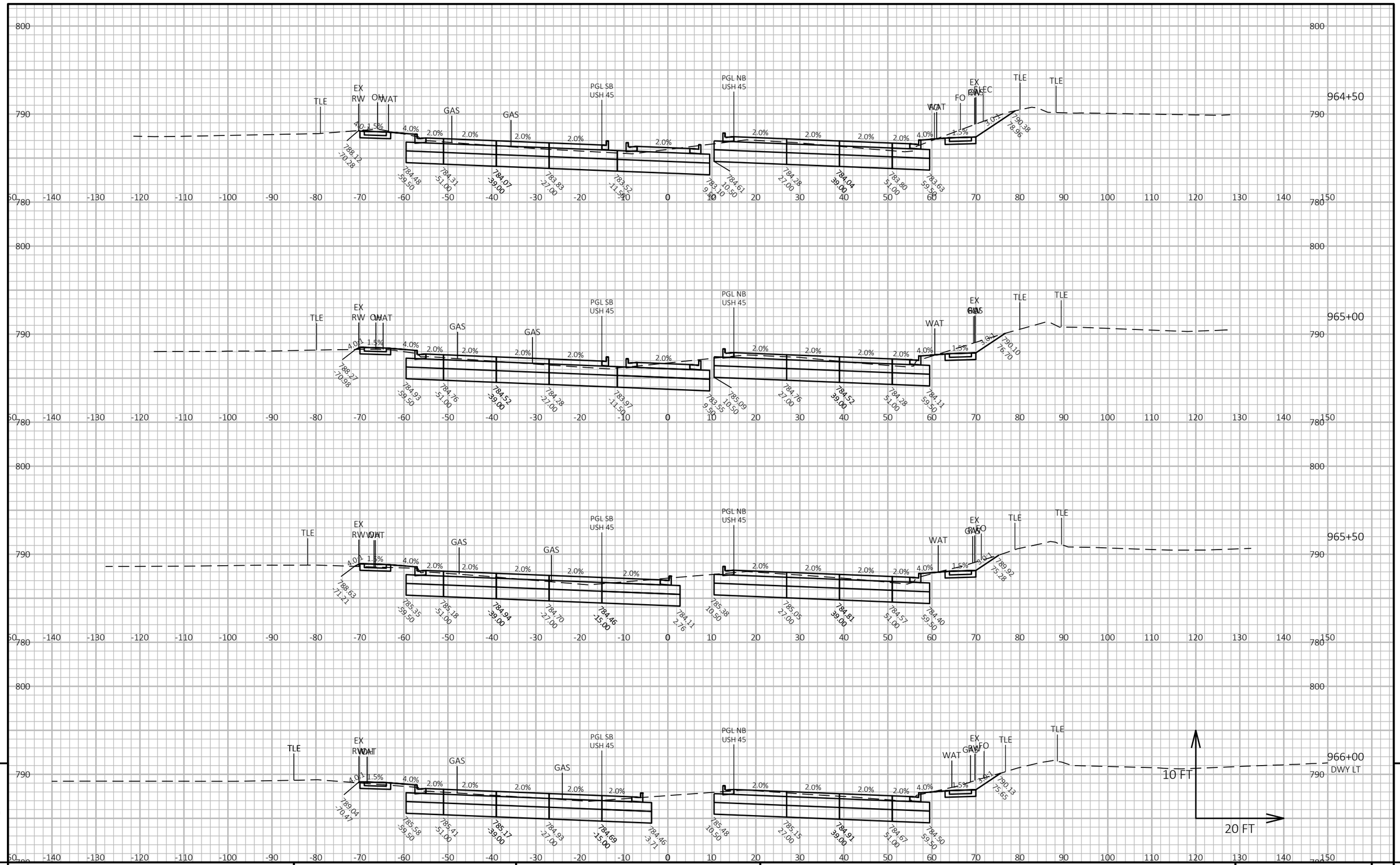
PLOT BY : HENRYKA GASIK

PLOT NAME :

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

PRE_231

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_232

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (95)

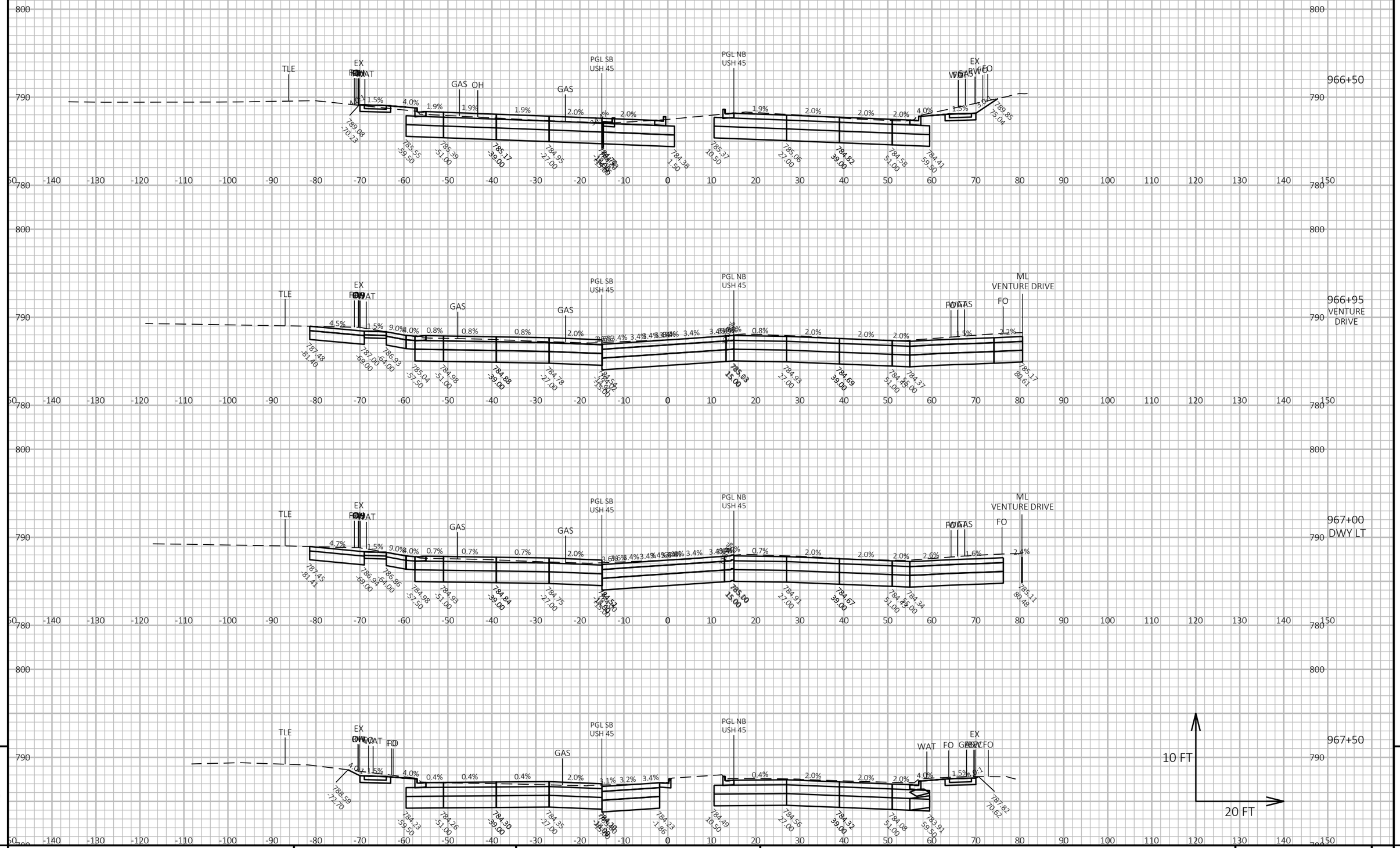
PLOT DATE : 5/6/2021 9:15 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_233

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (96)

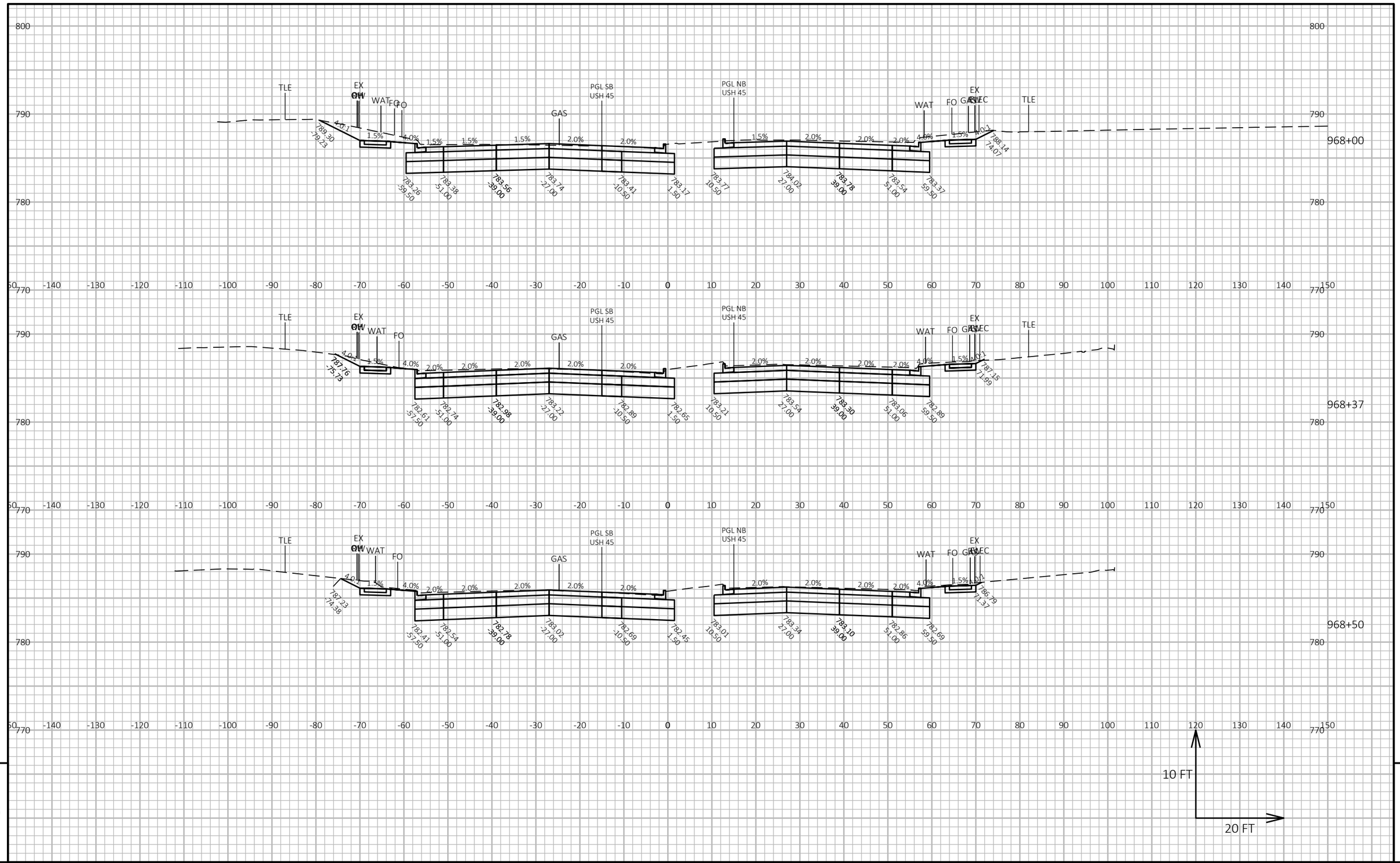
PLOT DATE : 5/6/2021 9:15 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49



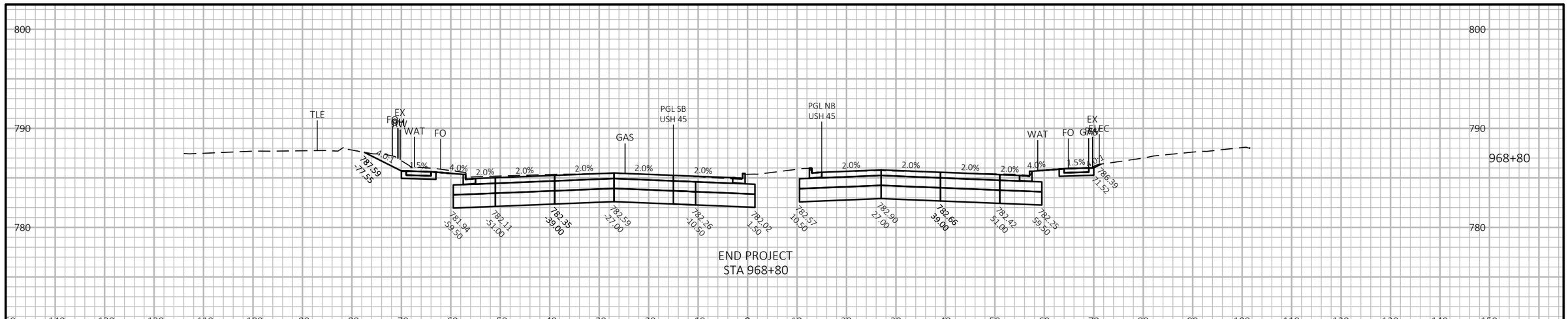
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_234

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (97)

PLOT DATE : 5/6/2021 9:15 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: USH 45	SHEET E

PRE_235

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090204-XS.DWG
LAYOUT NAME - (98)

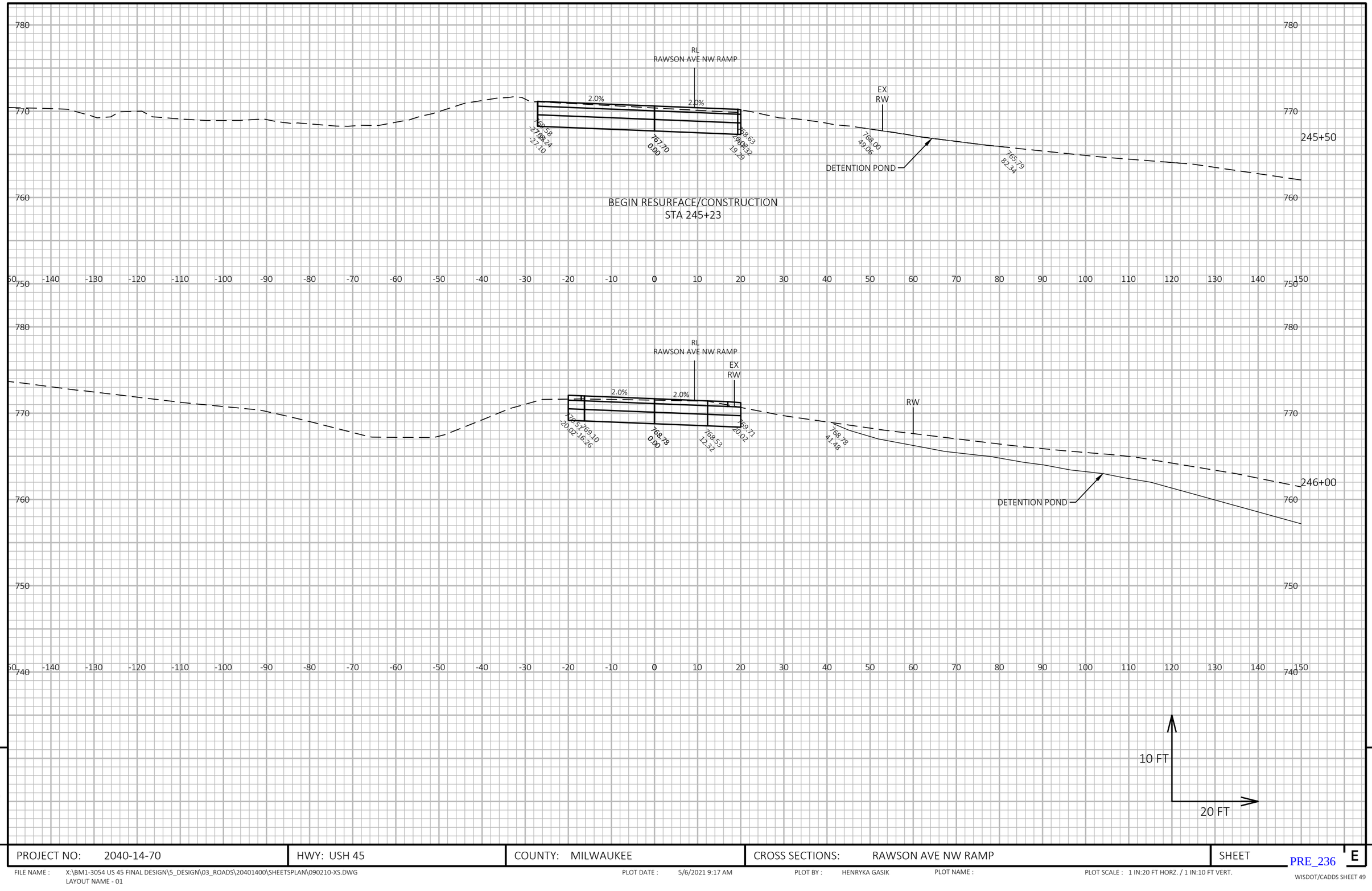
PLOT DATE : 5/6/2021 9:16 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49



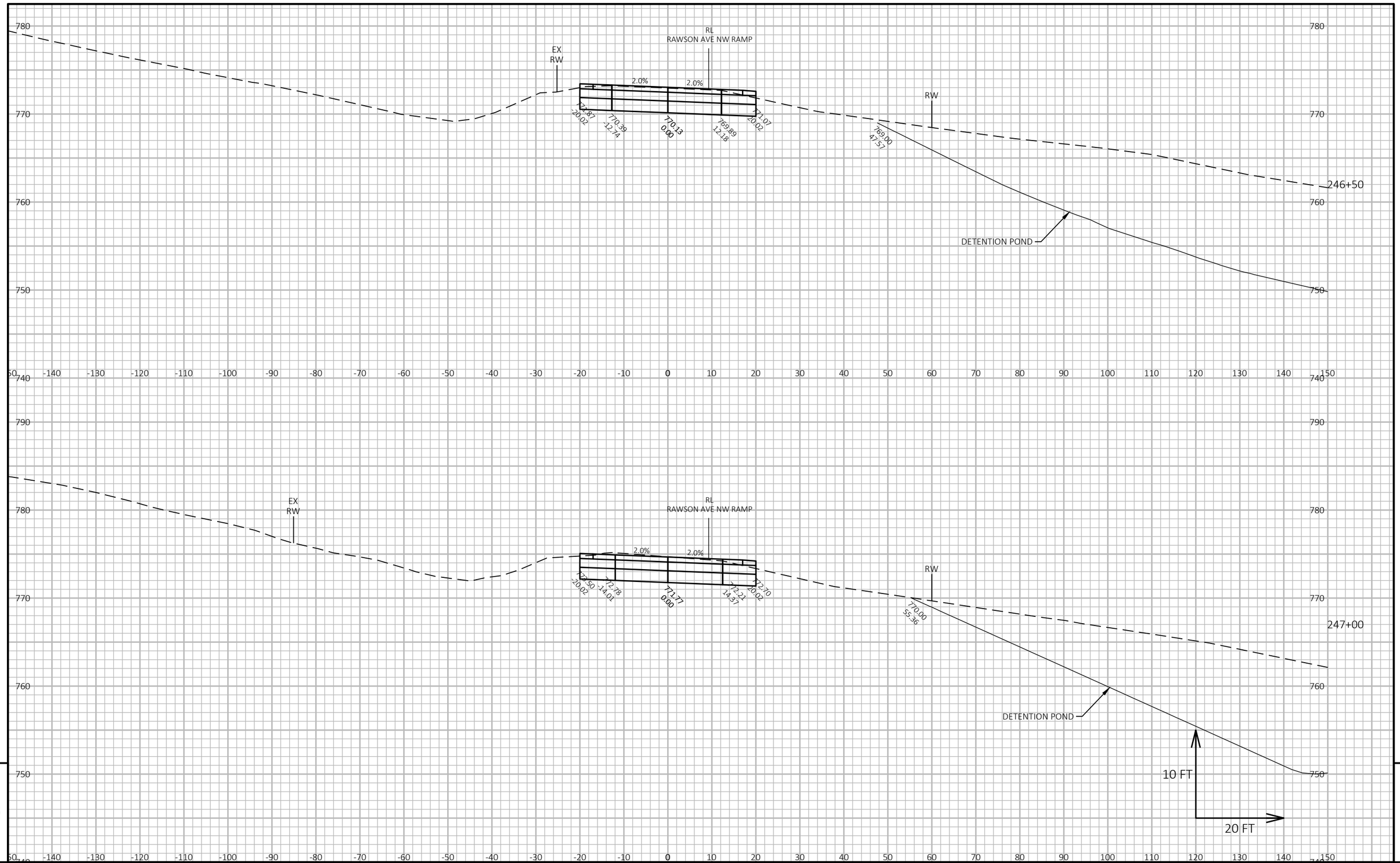
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAWSON AVE NW RAMP	SHEET E

PRE_236

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090210-XS.DWG
LAYOUT NAME - 01

PLOT DATE : 5/6/2021 9:17 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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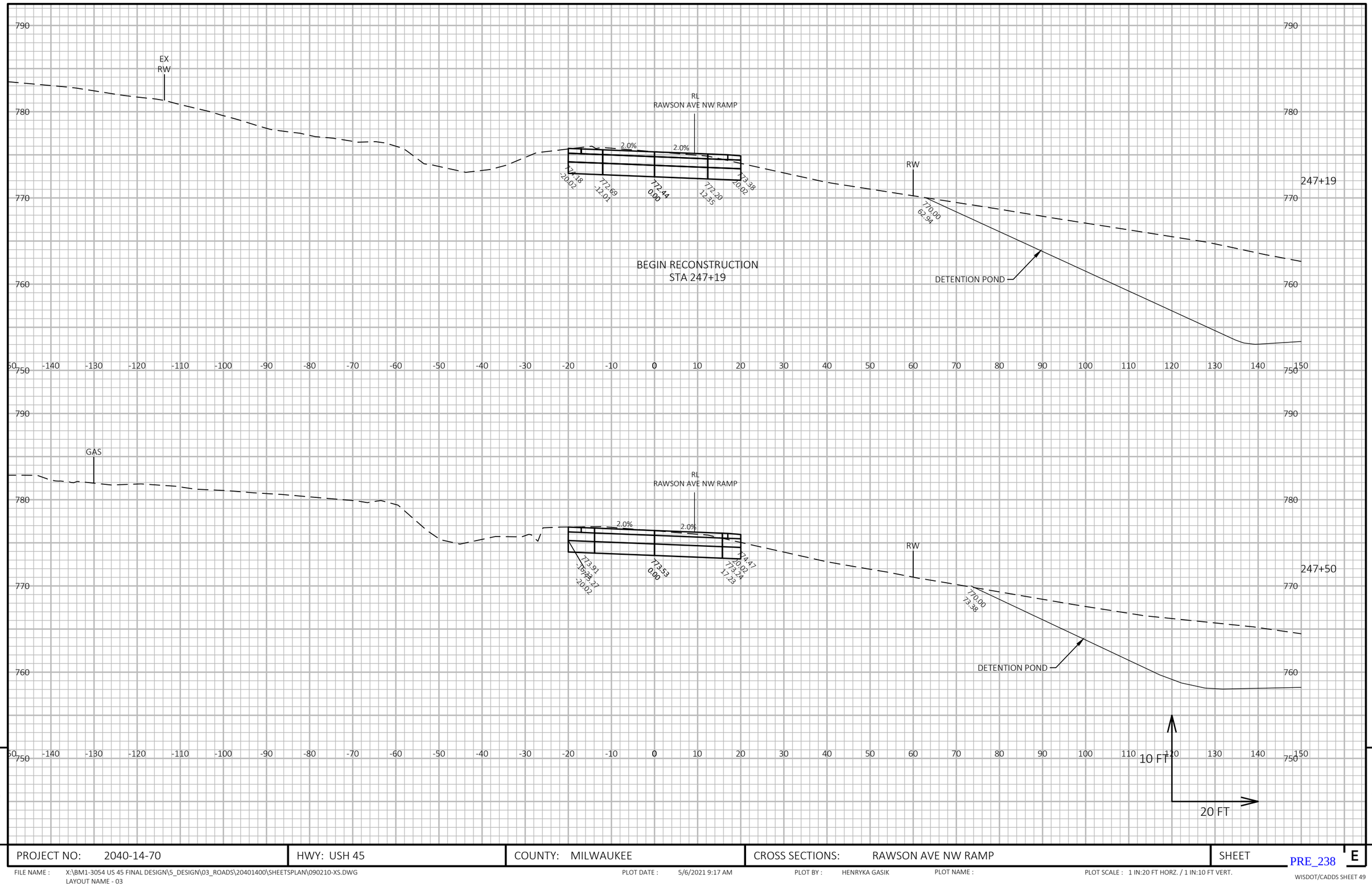
9

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAWSON AVE NW RAMP	SHEET E

PRE_237

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090210-XS.DWG
LAYOUT NAME - 02

PLOT DATE : 5/6/2021 9:17 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.



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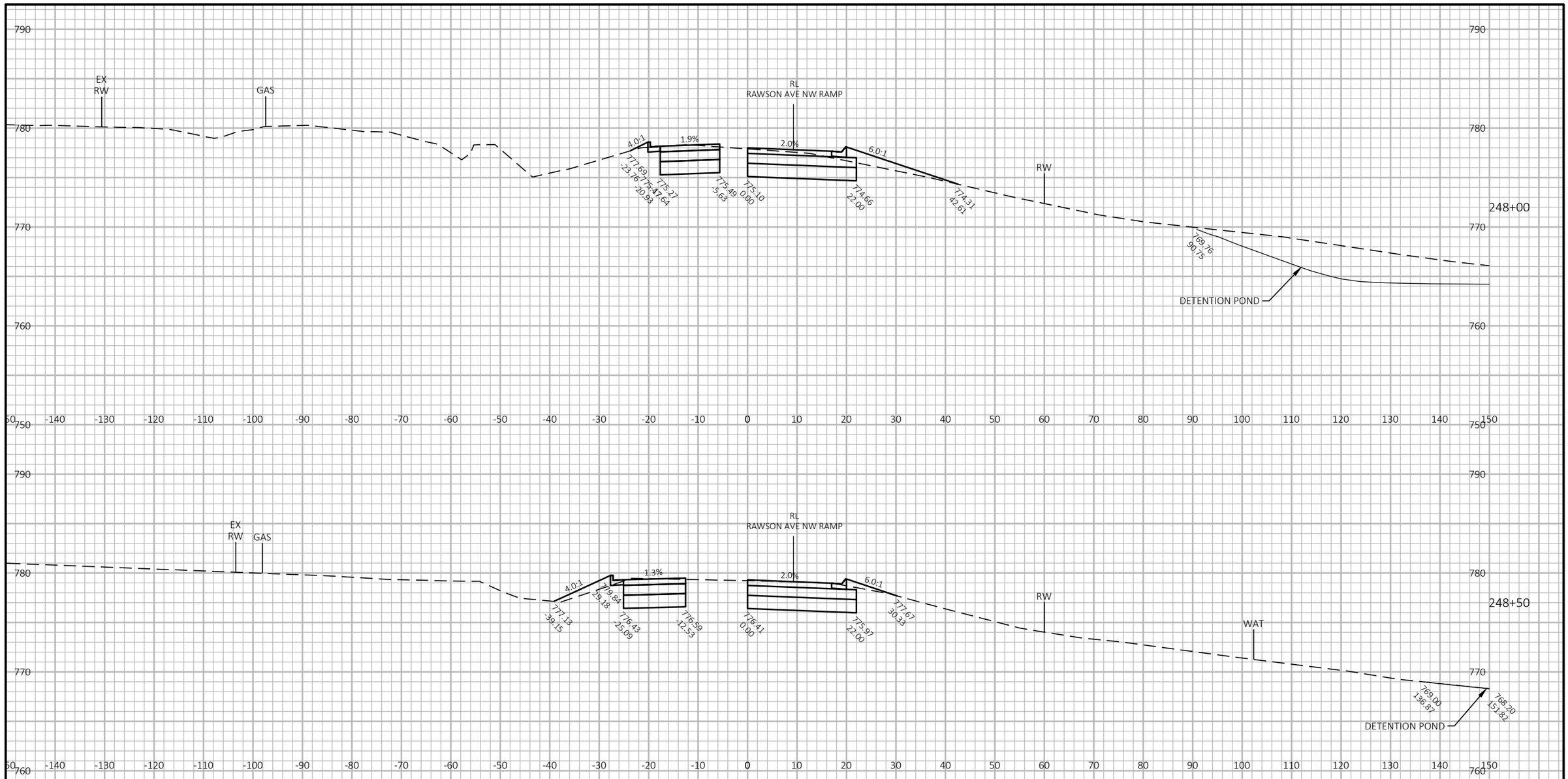
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAWSON AVE NW RAMP	SHEET E

PRE_238

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090210-XS.DWG
LAYOUT NAME - 03

PLOT DATE : 5/6/2021 9:17 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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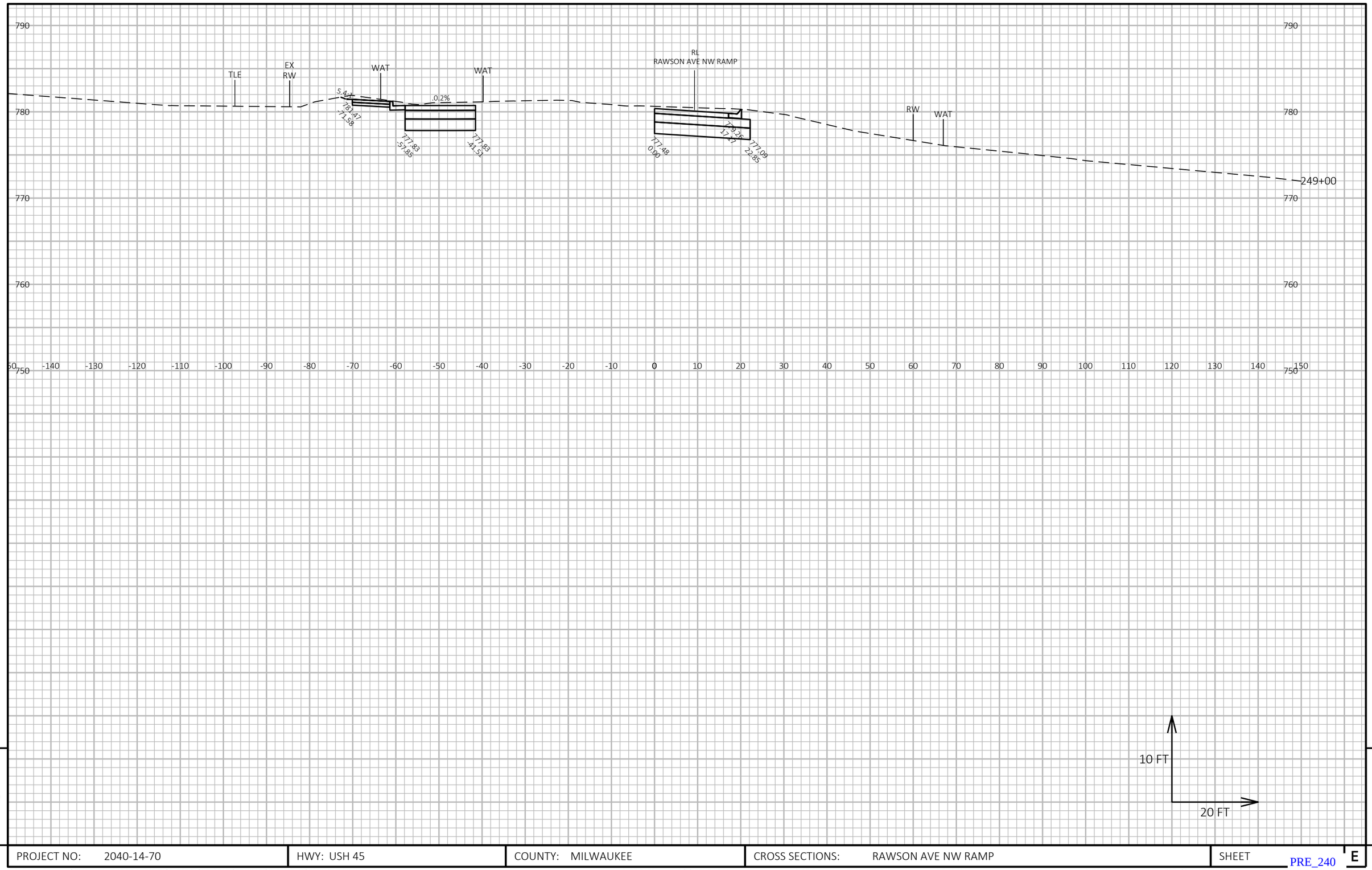
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAWSON AVE NW RAMP	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090210-XS.DWG
LAYOUT NAME - 04

PLOT DATE : 5/6/2021 9:17 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_239

WISDOT/CADDS SHEET 49



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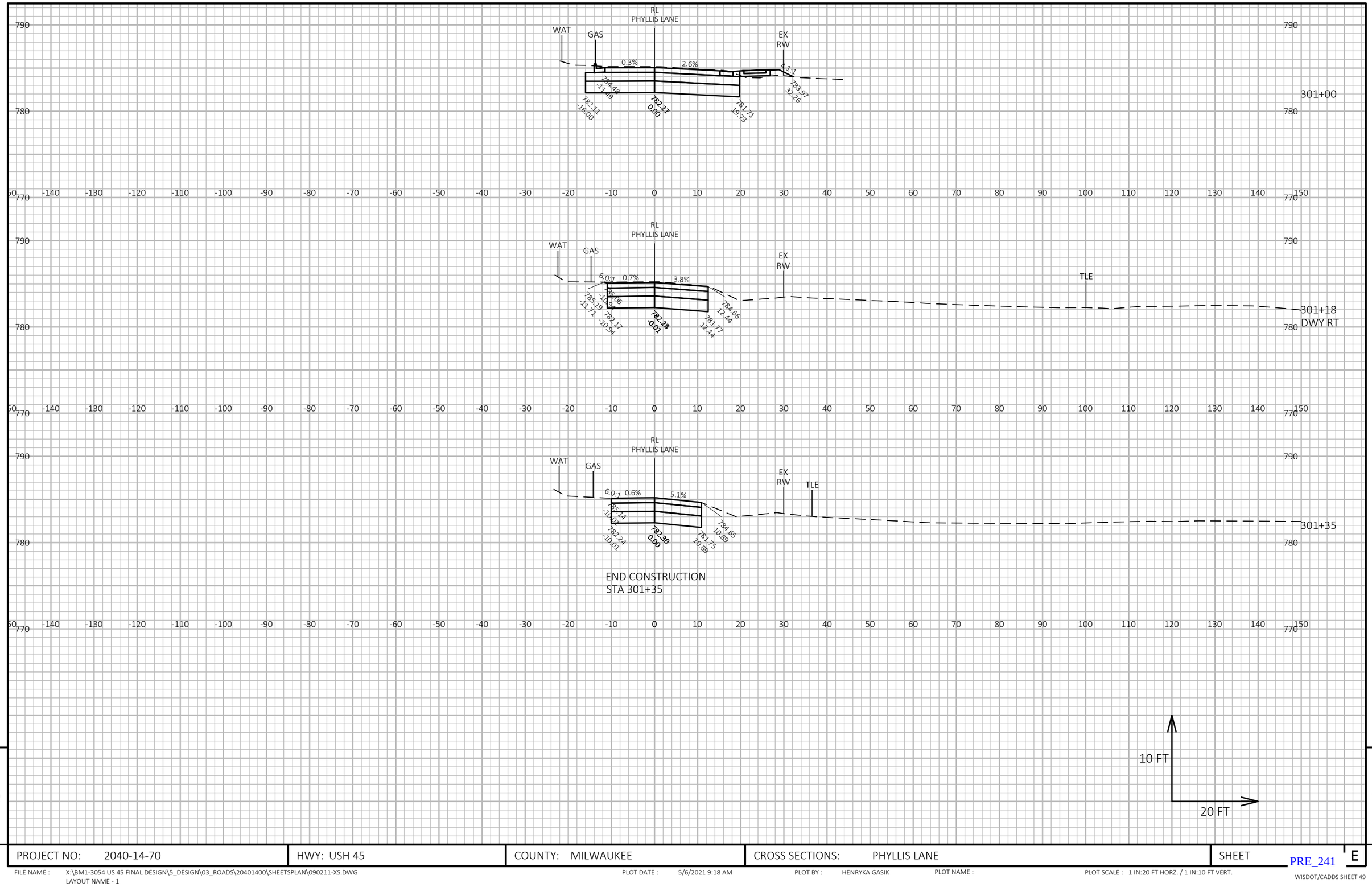
9

PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: RAWSON AVE NW RAMP	SHEET PRE_240 E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090210-XS.DWG
LAYOUT NAME - 05

PLOT DATE : 5/6/2021 9:17 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: PHYLLIS LANE	SHEET E

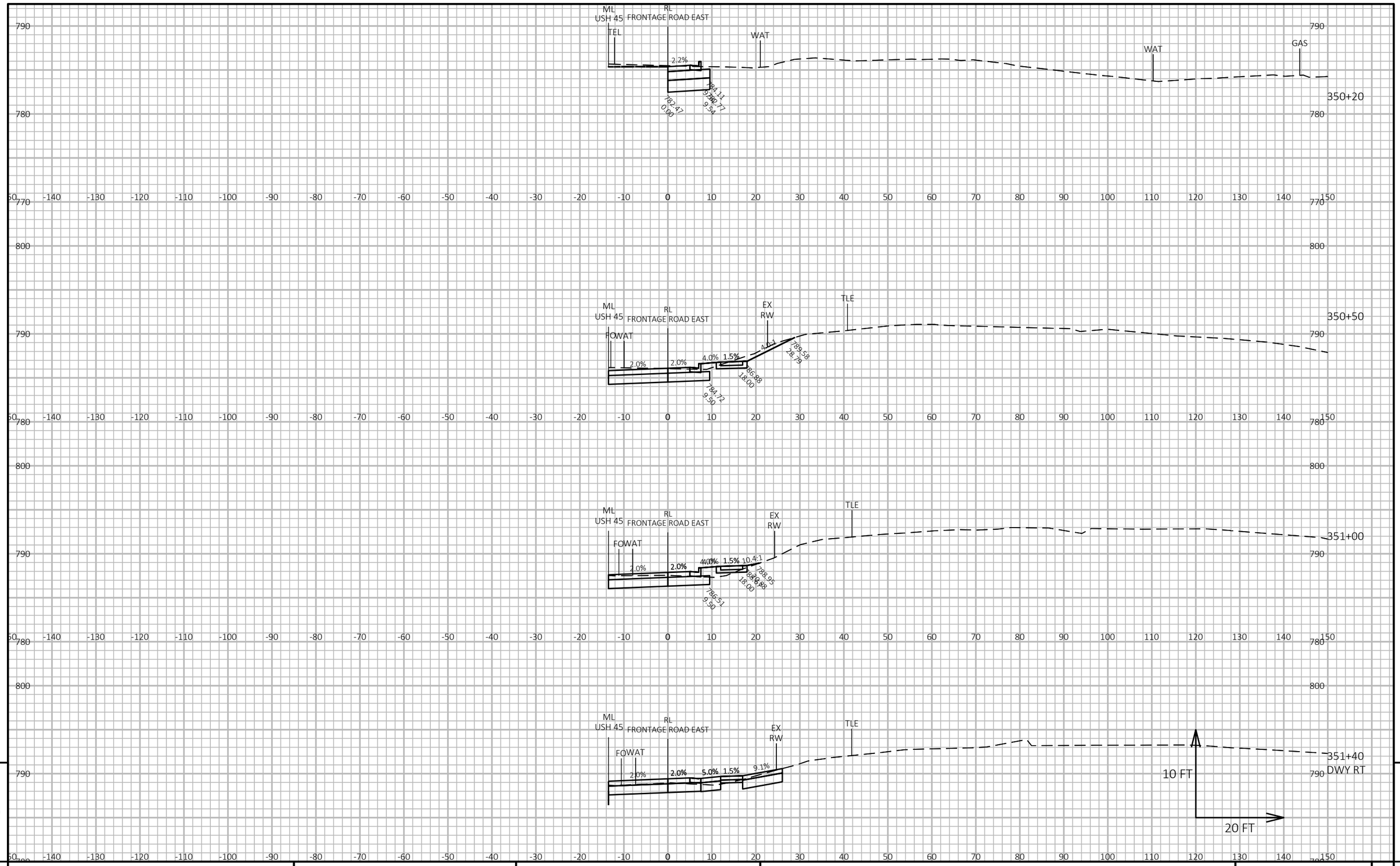
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090211-XS.DWG
LAYOUT NAME - 1

PLOT DATE : 5/6/2021 9:18 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_241

WISDOT/CADDS SHEET 49

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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

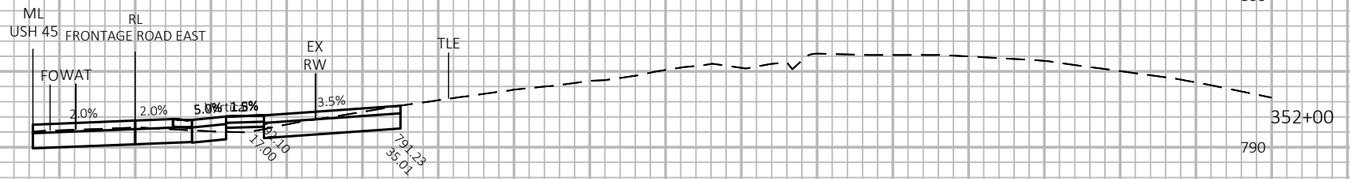
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (1)

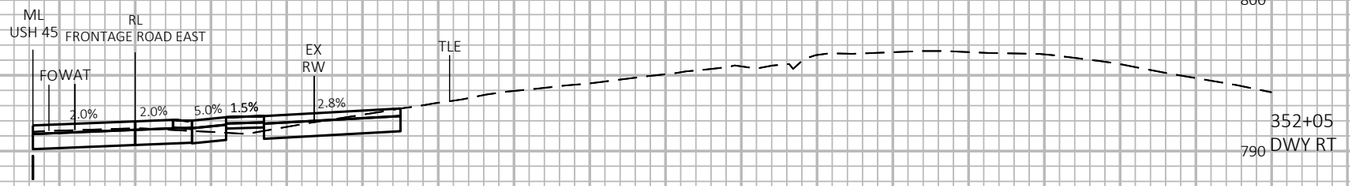
PLOT DATE : 5/6/2021 12:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

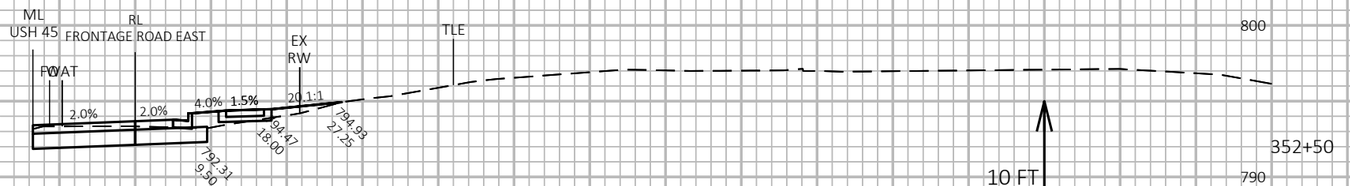
PRE_242

WISDOT/CADDS SHEET 49









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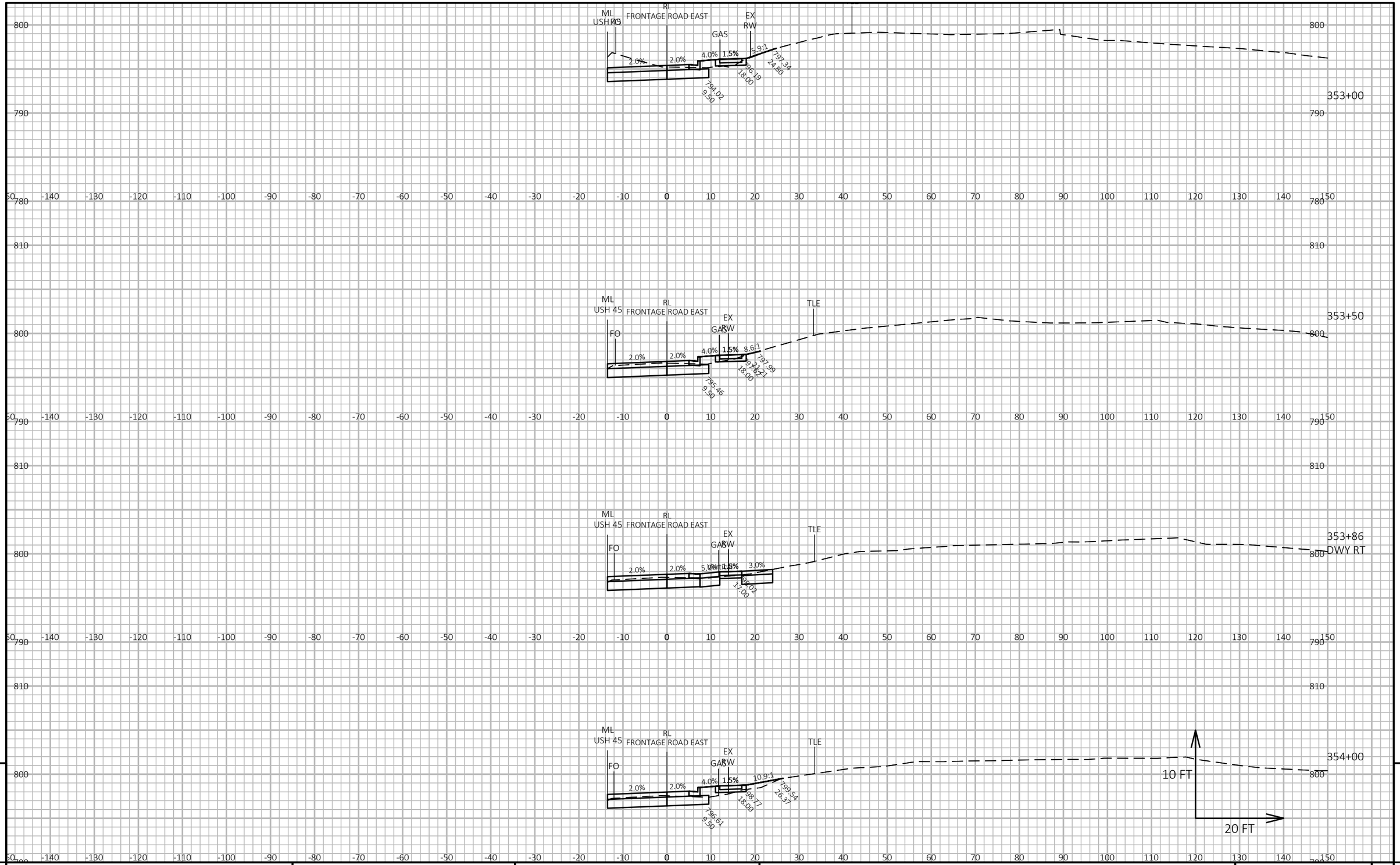
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

PRE_243

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (2)

PLOT DATE : 5/6/2021 12:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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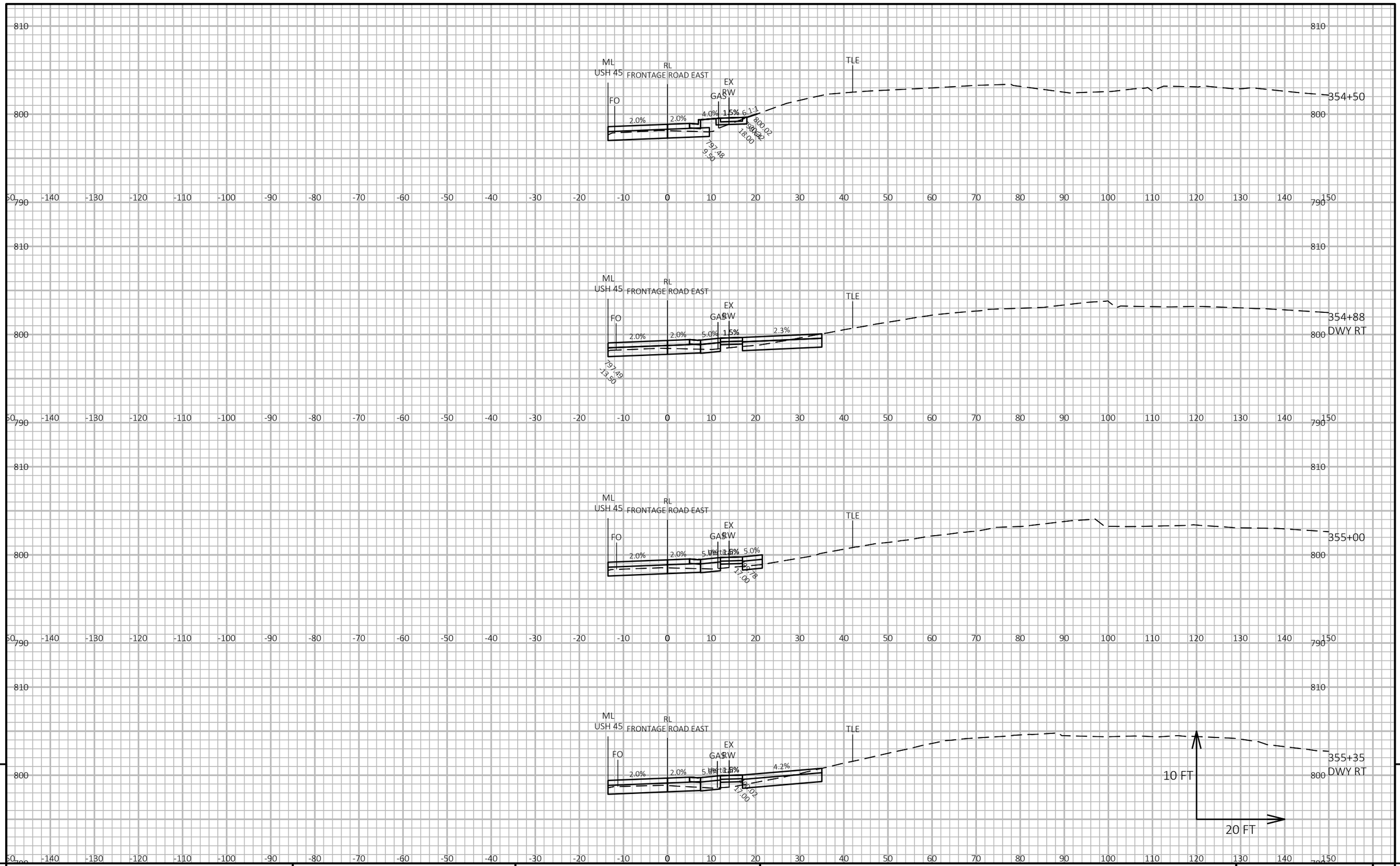
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (3)

PLOT DATE : 5/6/2021 12:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_244

WISDOT/CADDS SHEET 49



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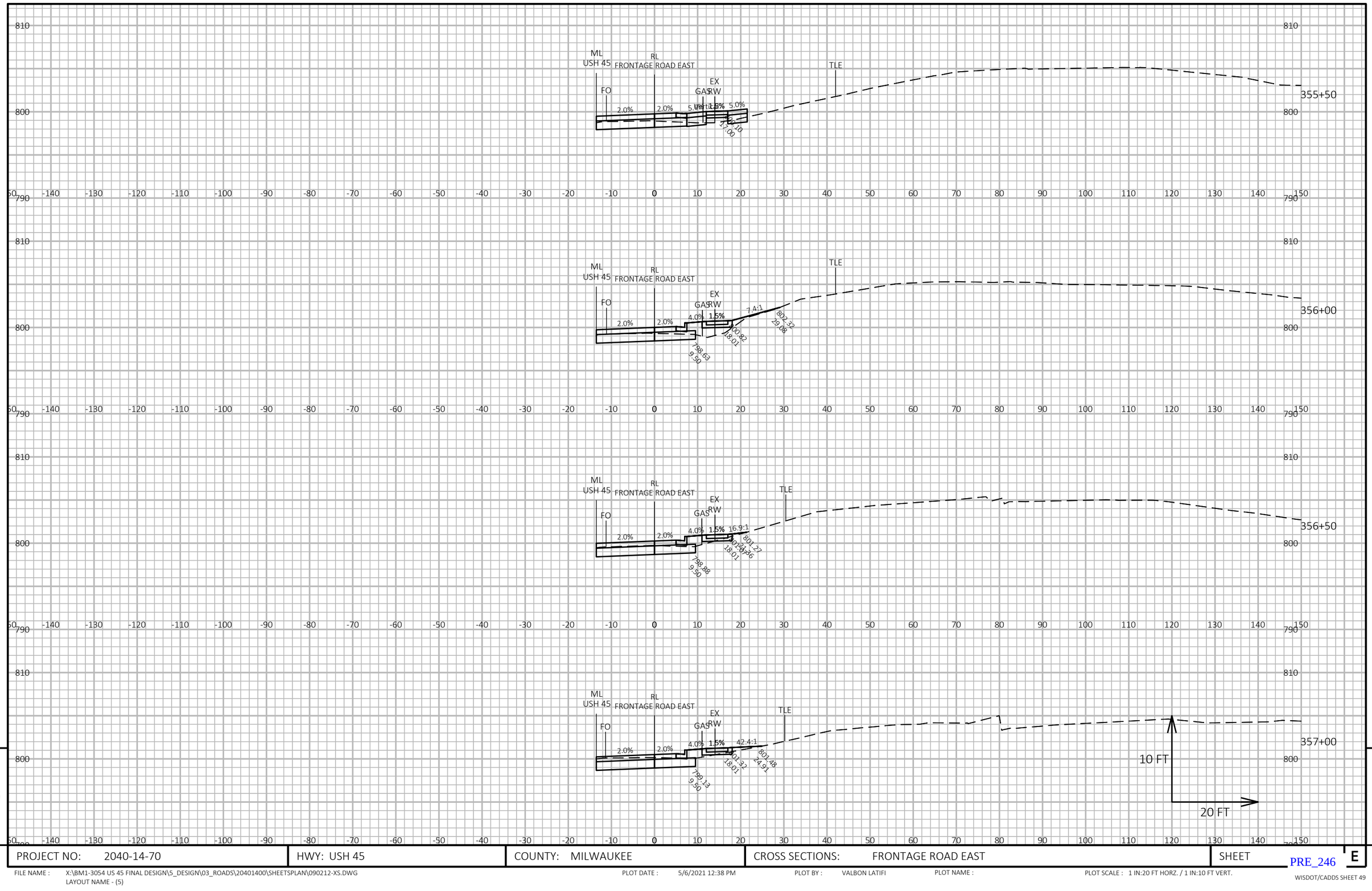
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (4)

PLOT DATE : 5/6/2021 12:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_245

WISDOT/CADDS SHEET 49



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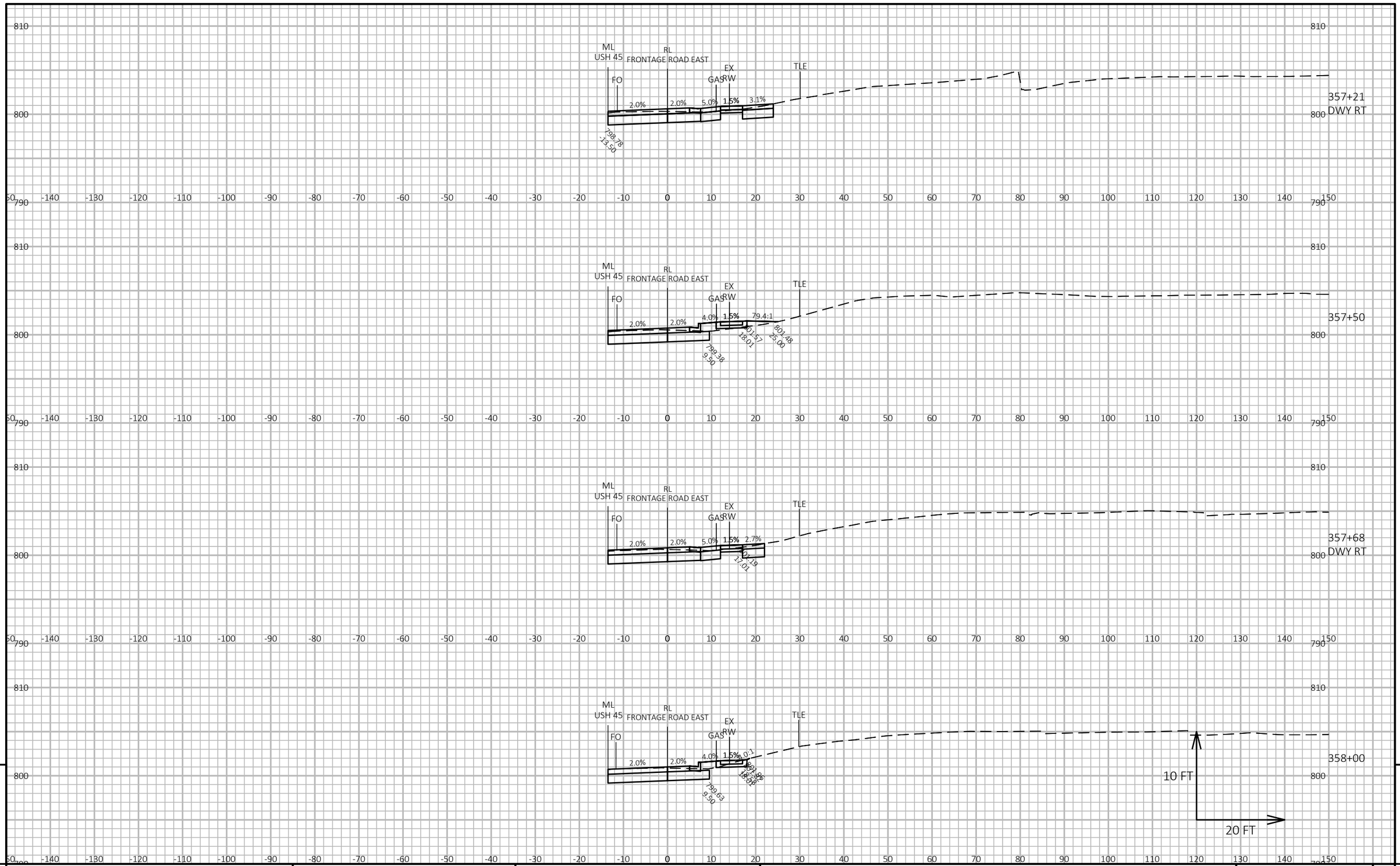
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

PRE_246

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (5)

PLOT DATE : 5/6/2021 12:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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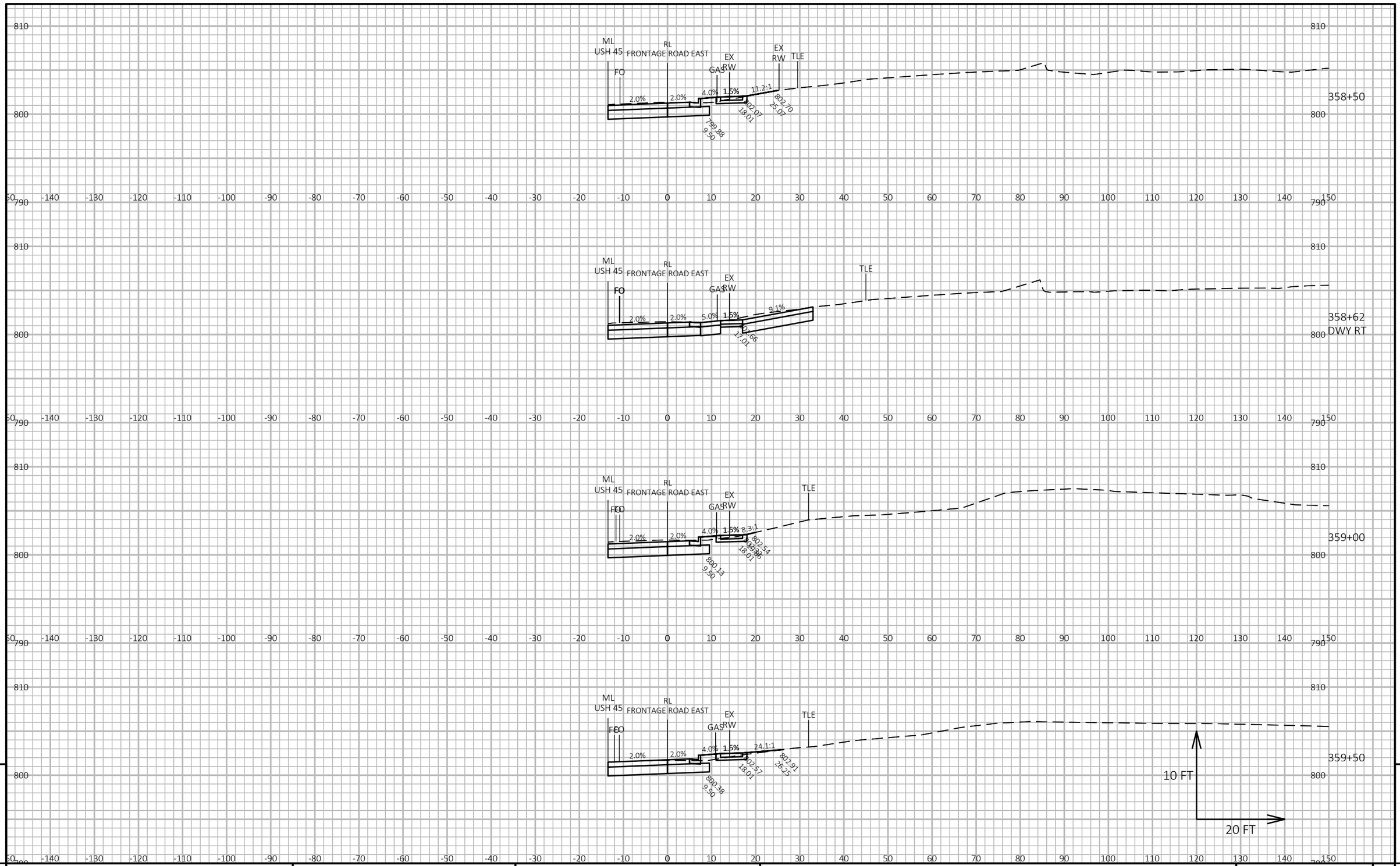
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

PRE_247

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (6)

PLOT DATE : 5/6/2021 12:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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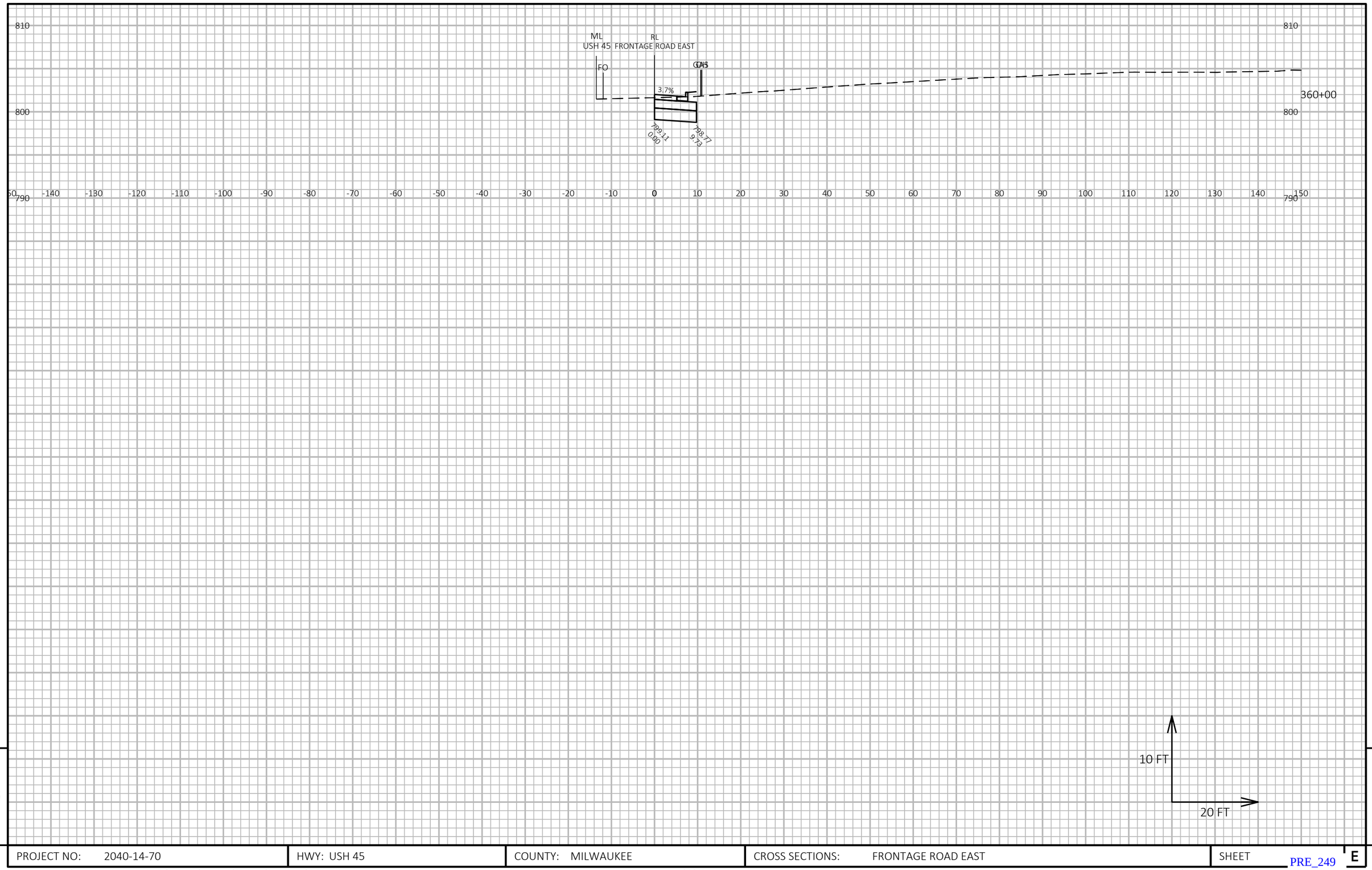
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (7)

PLOT DATE : 5/6/2021 12:38 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_248

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD EAST	SHEET E

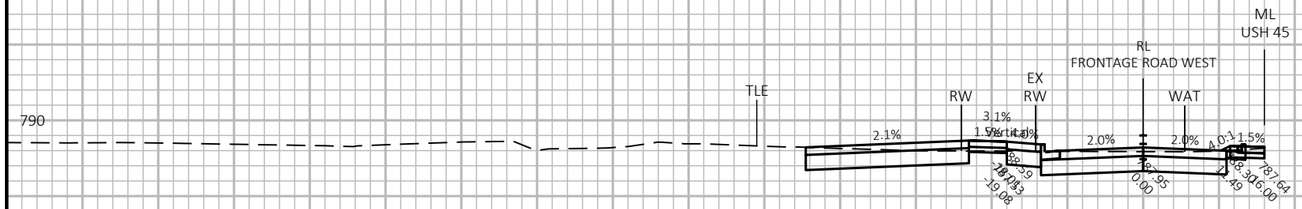
PRE_249

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090212-XS.DWG
LAYOUT NAME - (8)

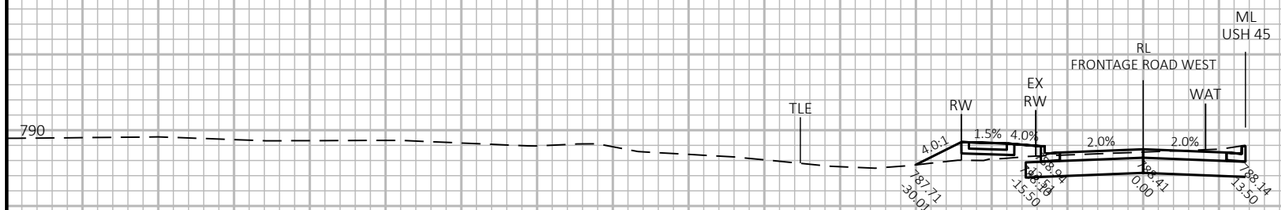
PLOT DATE : 5/12/2021 7:54 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

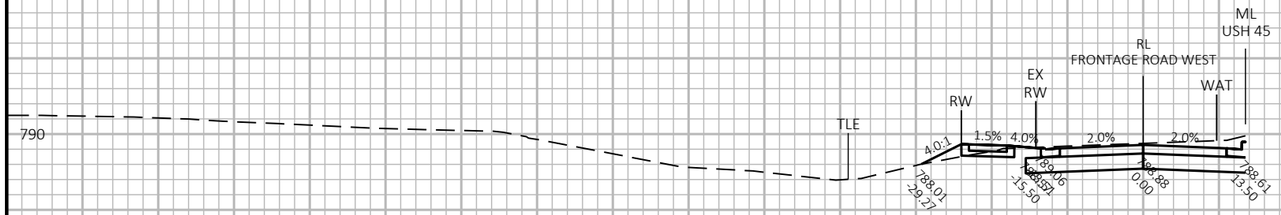
BEGIN CONSTRUCTION
STA 325+39



326+00
DWY LT



326+50



327+00



327+50

10 FT
20 FT

9

9

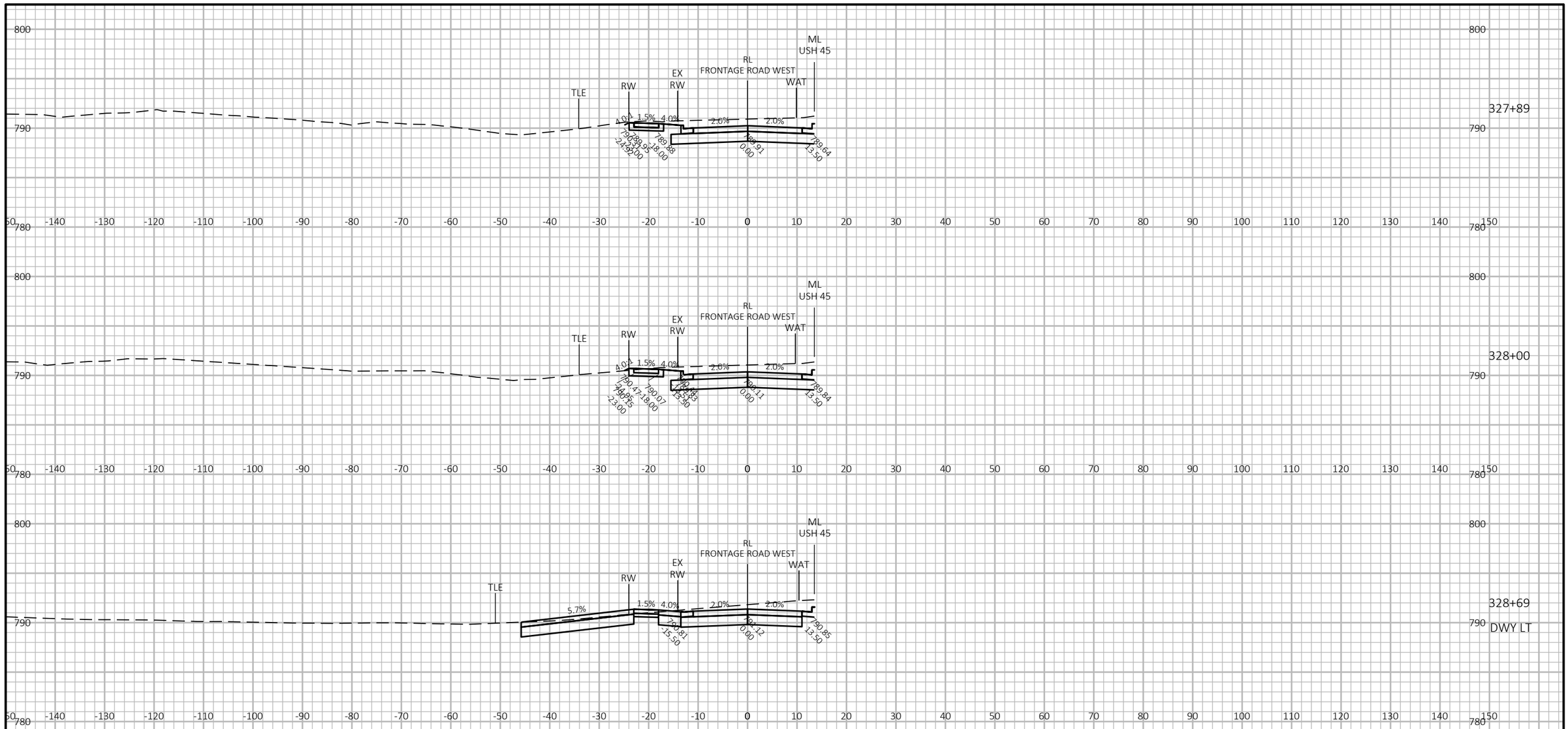
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD WEST	SHEET E

PRE_250

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090213-XS.DWG
LAYOUT NAME - (1)

PLOT DATE : 5/6/2021 9:21 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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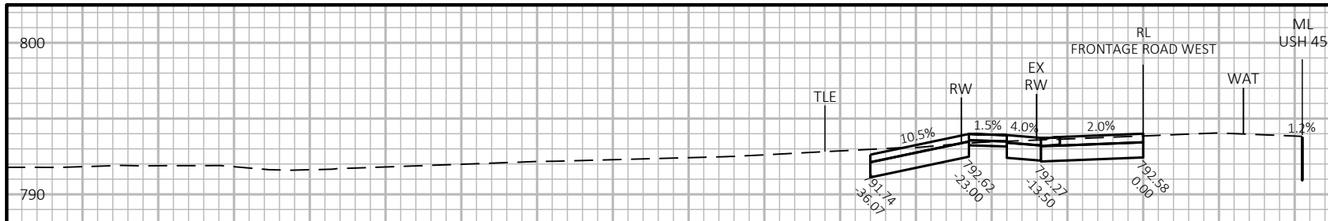
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD WEST	SHEET E

PRE_251

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090213-XS.DWG
LAYOUT NAME - (2)

PLOT DATE : 5/6/2021 9:21 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



800 790 780

329+93
DWY LT

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

10 FT
20 FT

9 9

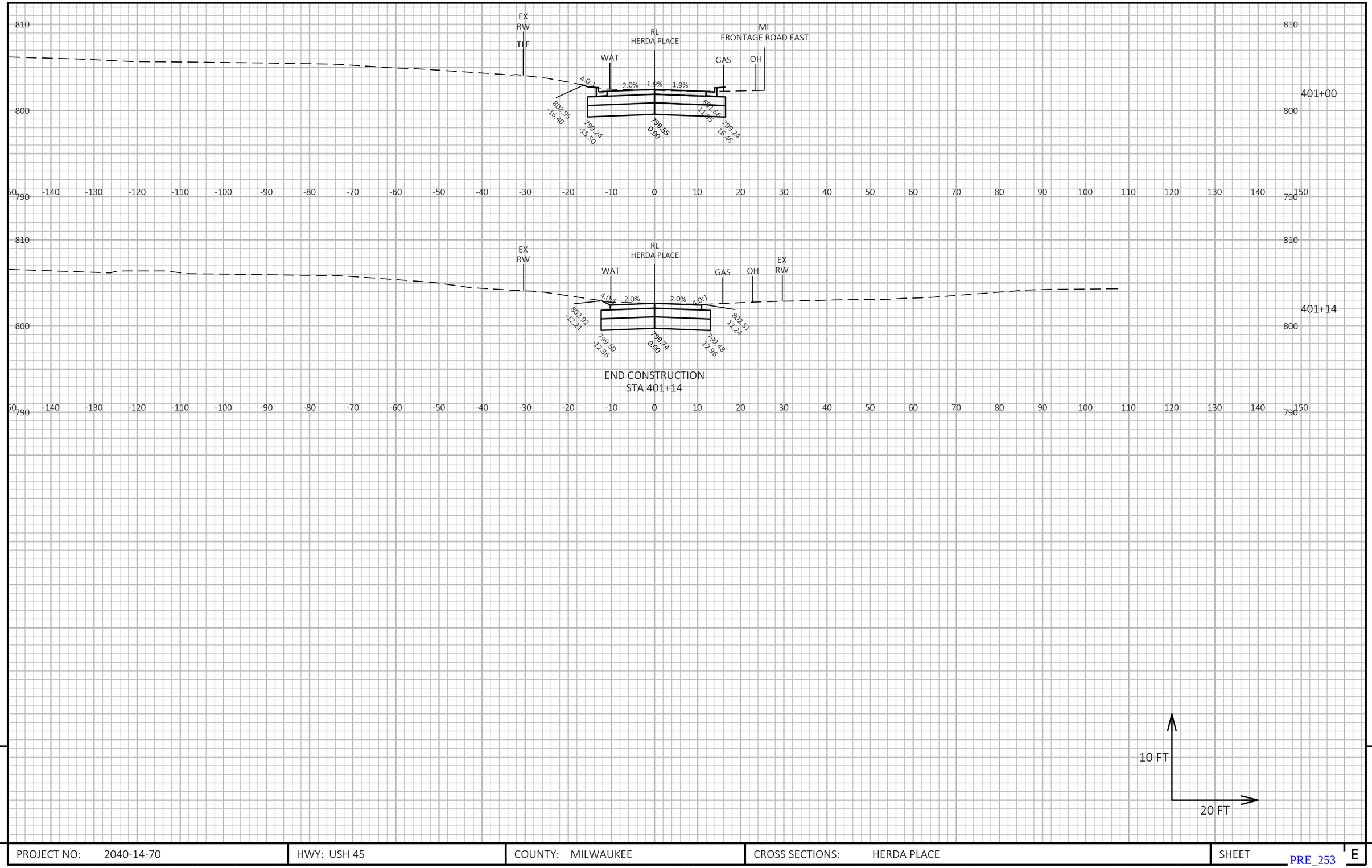
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: FRONTAGE ROAD WEST	SHEET E

PRE_252

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090213-XS.DWG
LAYOUT NAME - (3)

PLOT DATE : 5/6/2021 9:21 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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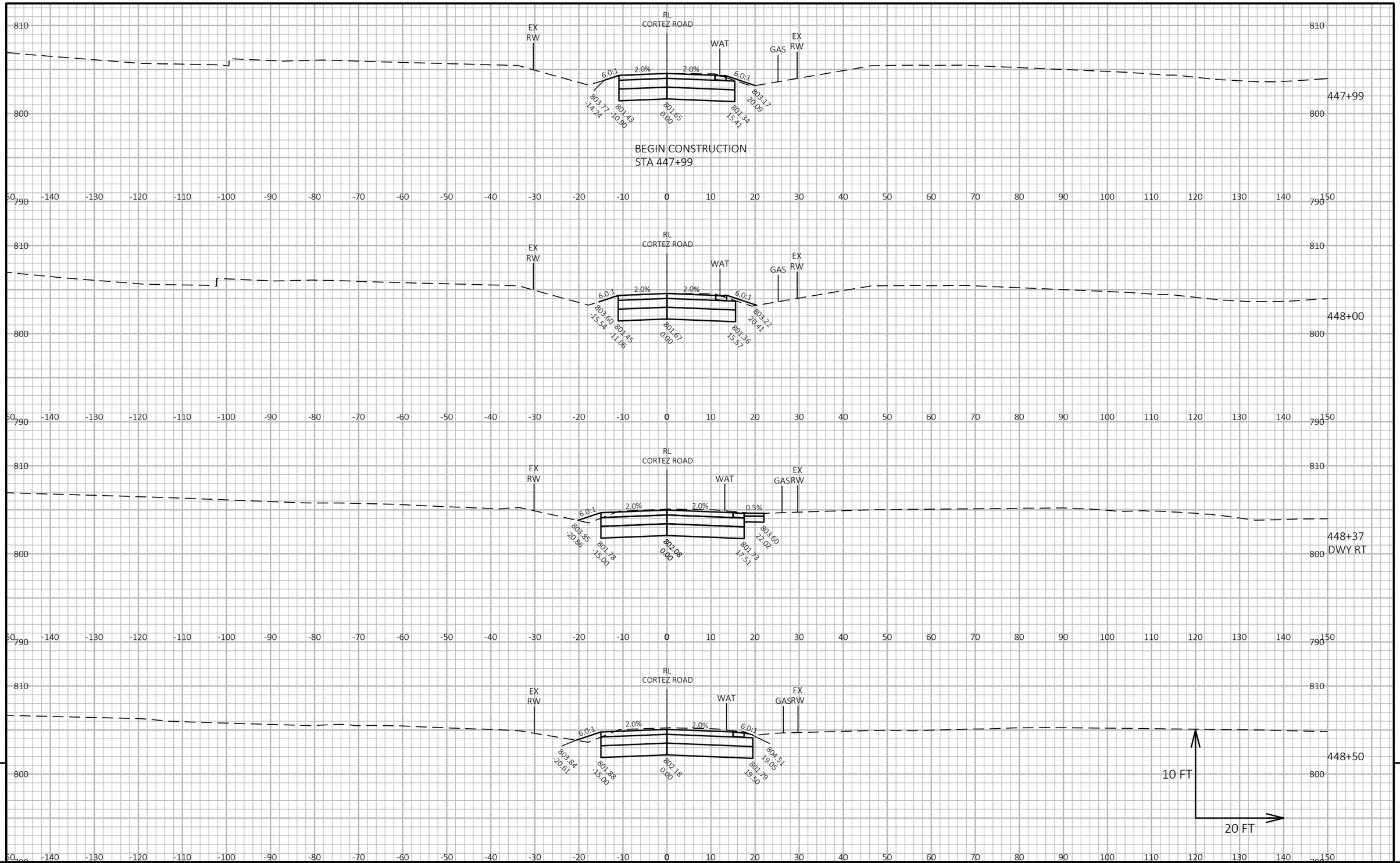
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: HERDA PLACE	SHEET E

PRE_253

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090214-XS.DWG
LAYOUT NAME - (1)

PLOT DATE : 5/6/2021 12:04 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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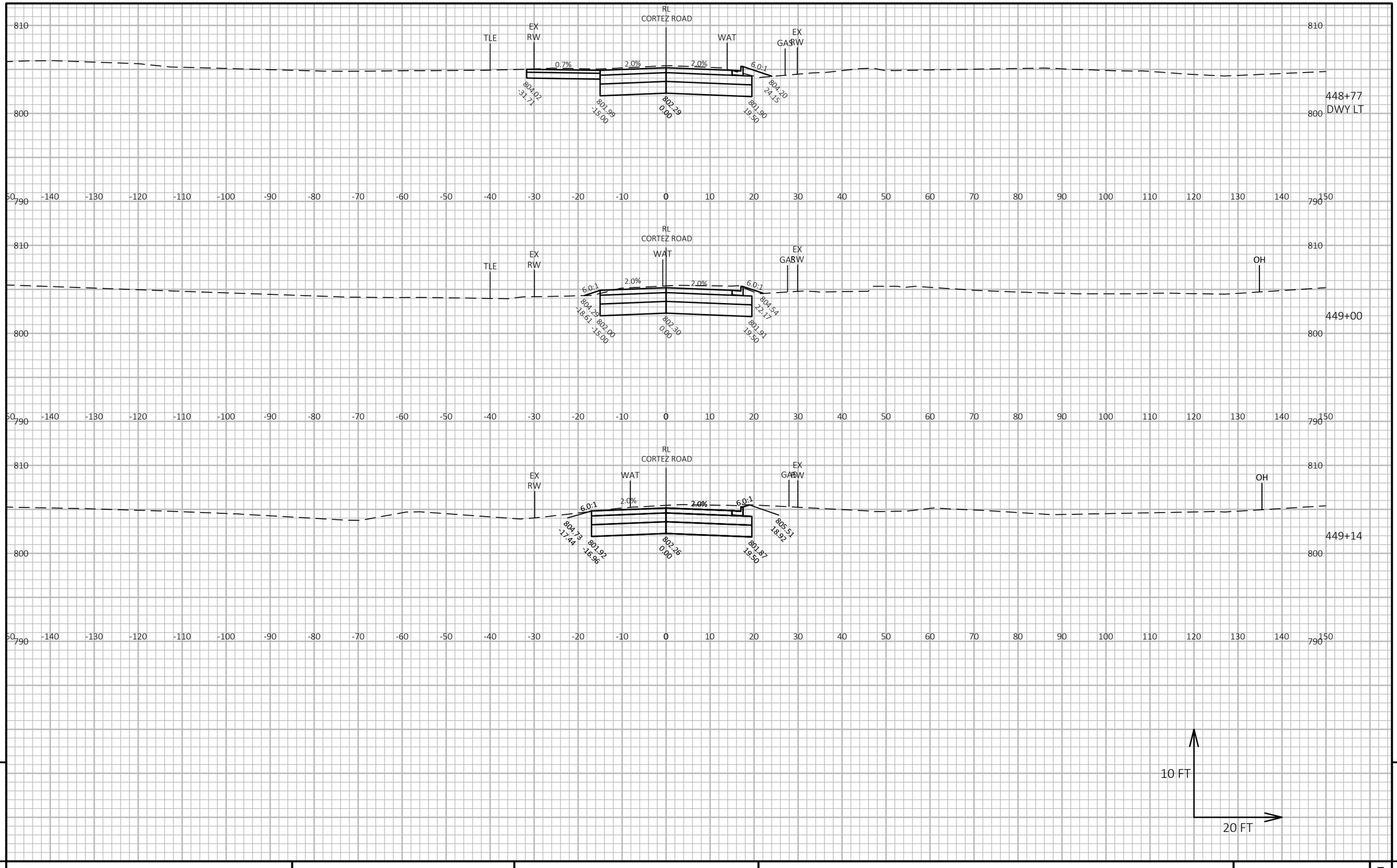
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: CORTEZ ROAD	SHEET E

PRE_254

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090215-XS.DWG
LAYOUT NAME - (1)

PLOT DATE : 5/6/2021 9:22 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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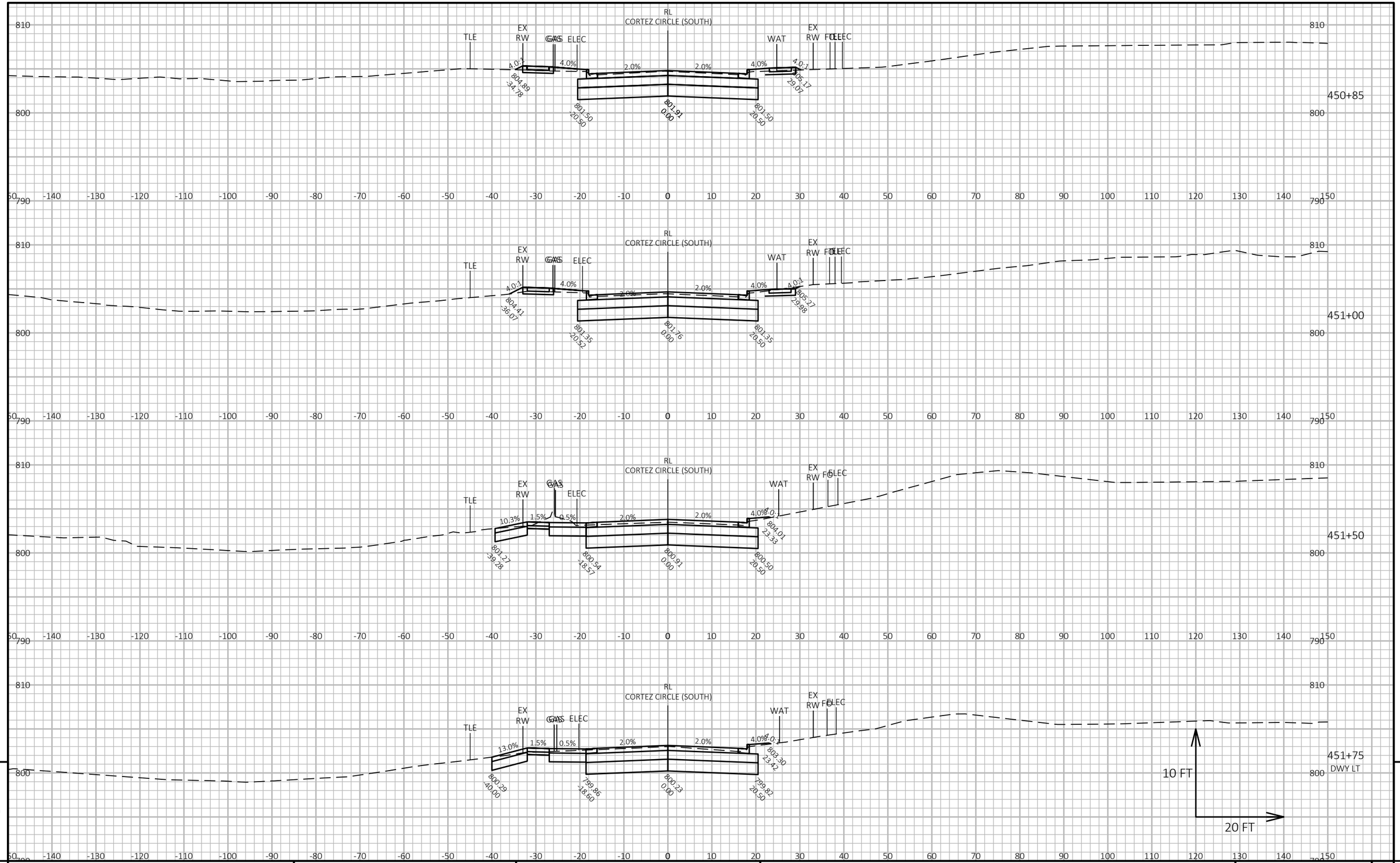
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: CORTEZ ROAD	SHEET E

PRE_255

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090215-XS.DWG
LAYOUT NAME - (2)

PLOT DATE : 5/6/2021 9:22 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: CORTEZ CIRCLE (SOUTH)	SHEET E

PRE_256

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090216-XS.DWG
LAYOUT NAME - 1

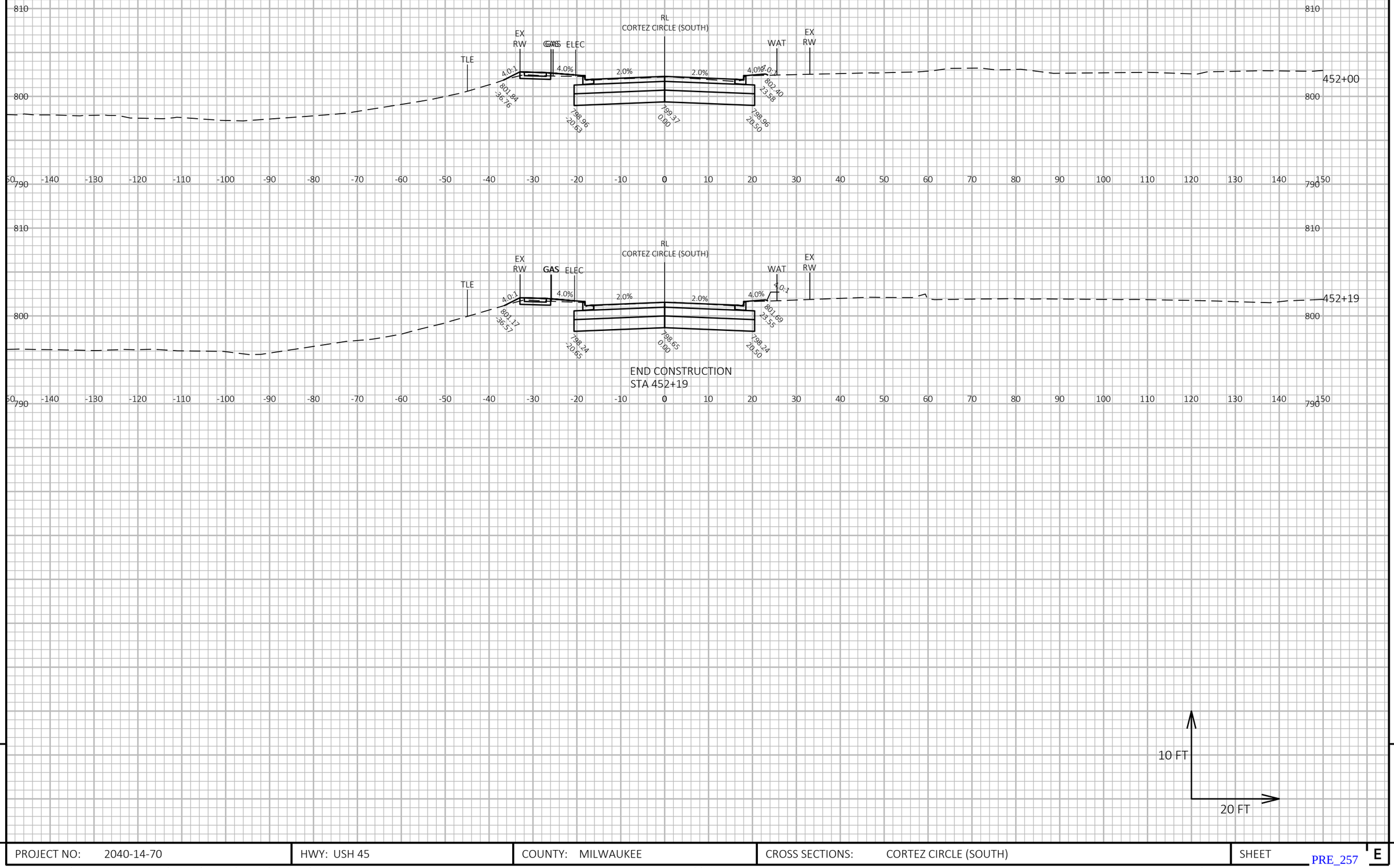
PLOT DATE : 5/6/2021 9:23 AM

PLOT BY : HENRYKA GASIK

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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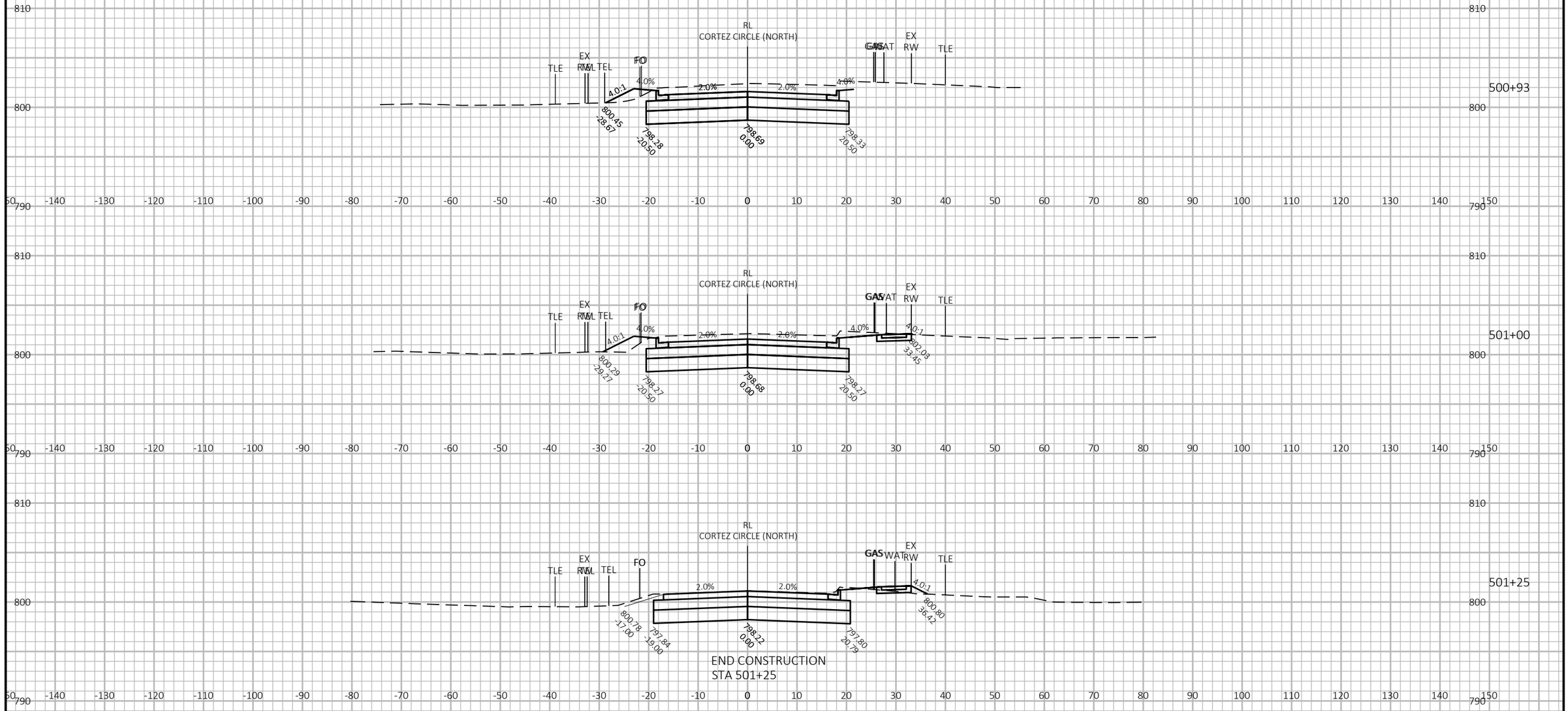
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: CORTEZ CIRCLE (SOUTH)	SHEET E

PRE_257

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090216-XS.DWG
LAYOUT NAME - 2

PLOT DATE : 5/6/2021 9:23 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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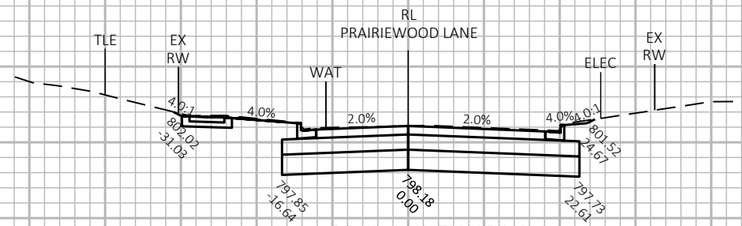
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: CORTEZ CIRCLE (NORTH)	SHEET E

PRE_258

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090217-XS.DWG
LAYOUT NAME - 1

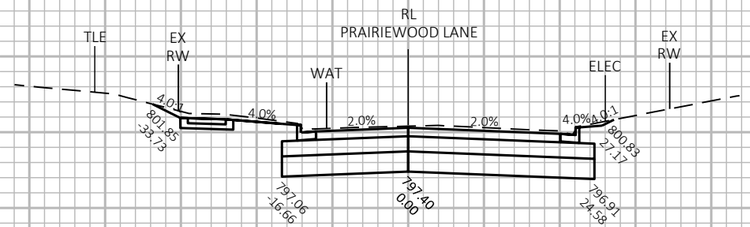
PLOT DATE : 5/6/2021 9:23 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

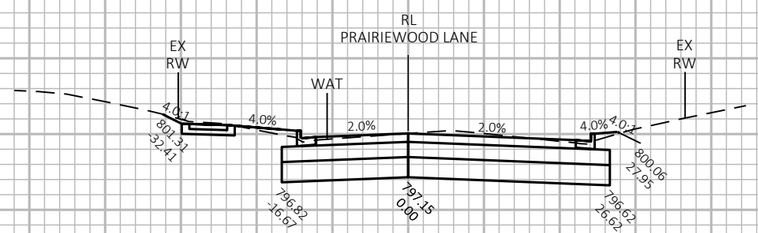


498+80

BEGIN CONSTRUCTION
STA 498+80



499+00



499+21

10 FT

20 FT

9

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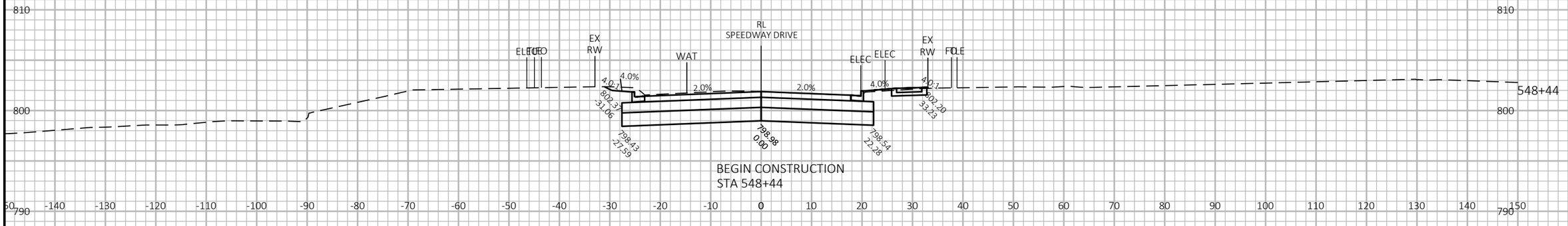
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: PRAIRIEWOOD LANE	SHEET E

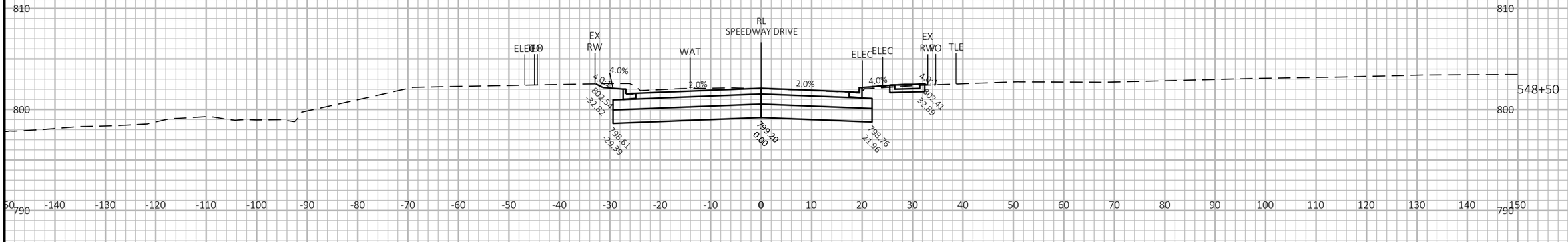
PRE_259

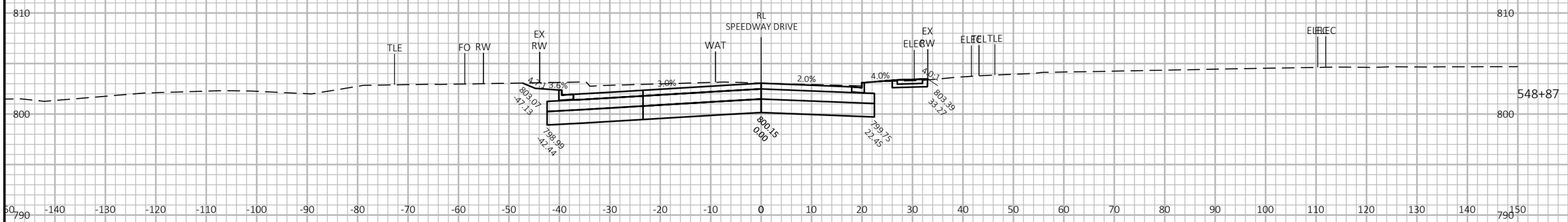
FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090218-XS.DWG
LAYOUT NAME - (1)

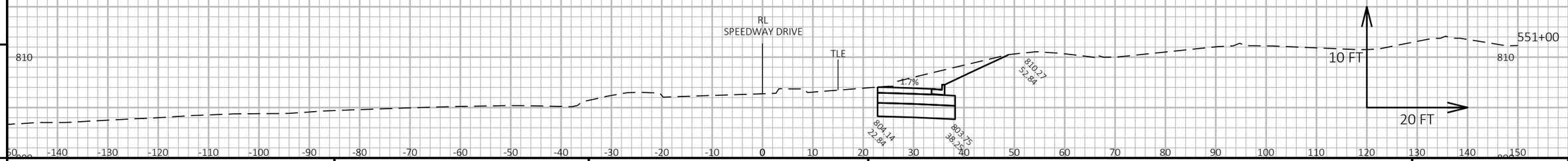
PLOT DATE : 5/6/2021 9:24 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49









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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: SPEEDWAY DRIVE	SHEET E

PRE_260

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090219-XS.DWG
LAYOUT NAME - 1

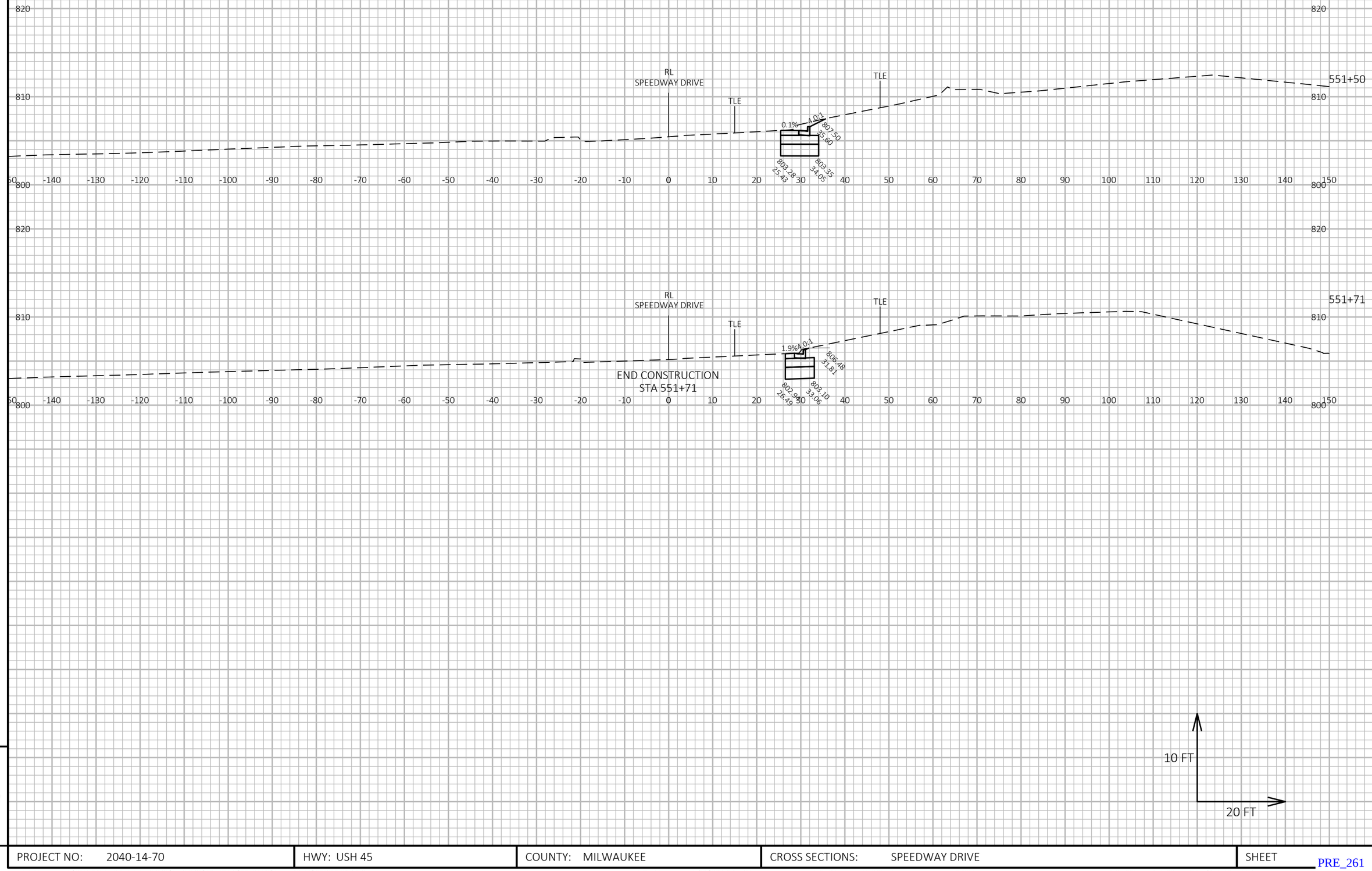
PLOT DATE : 5/12/2021 3:37 PM

PLOT BY : VALBON LATIFI

PLOT NAME :

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

WISDOT/CADDS SHEET 49



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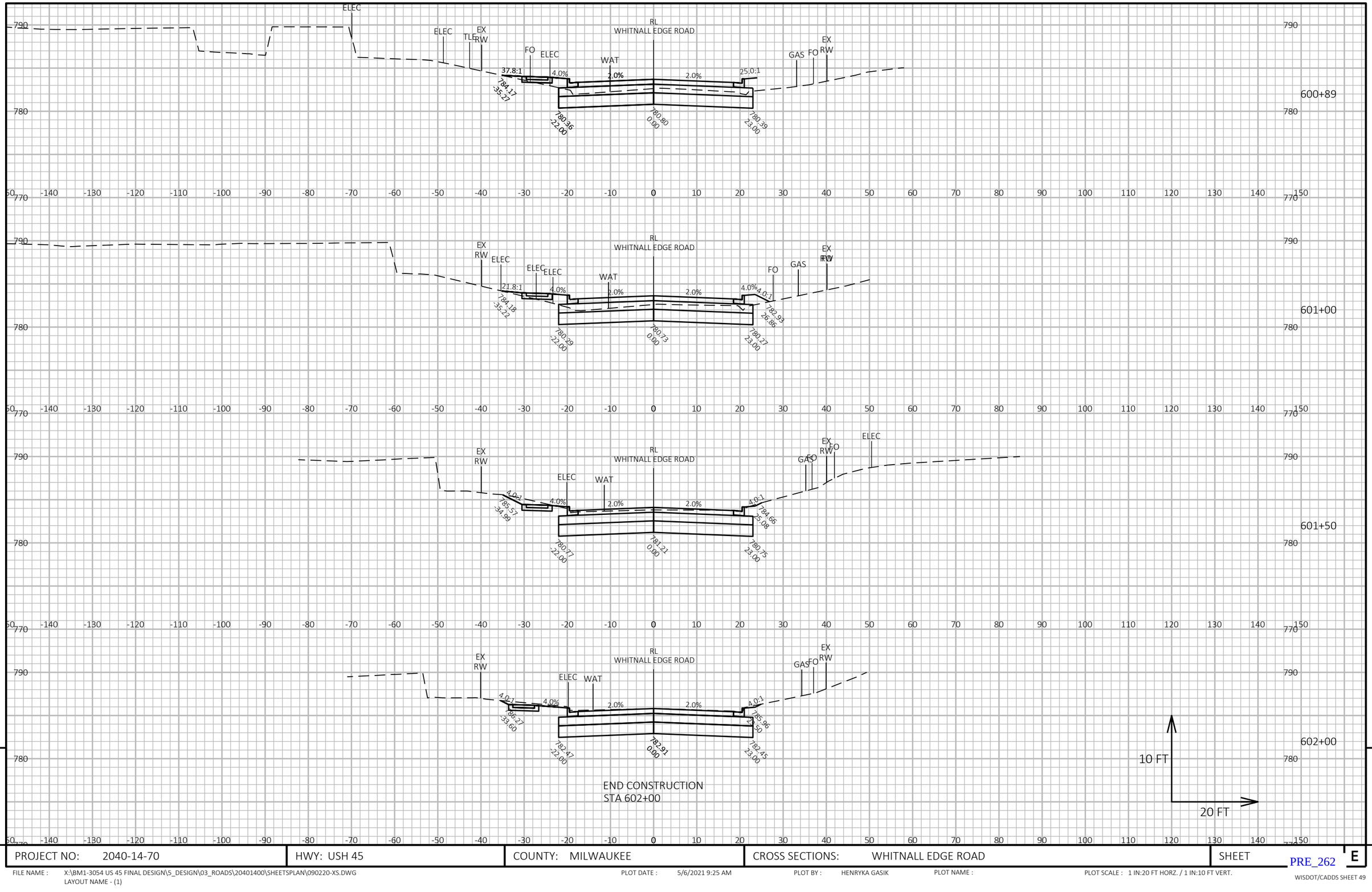
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: SPEEDWAY DRIVE	SHEET E

PRE_261

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090219-XS.DWG
LAYOUT NAME - 2

PLOT DATE : 5/12/2021 3:37 PM PLOT BY : VALBON LATIFI PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49



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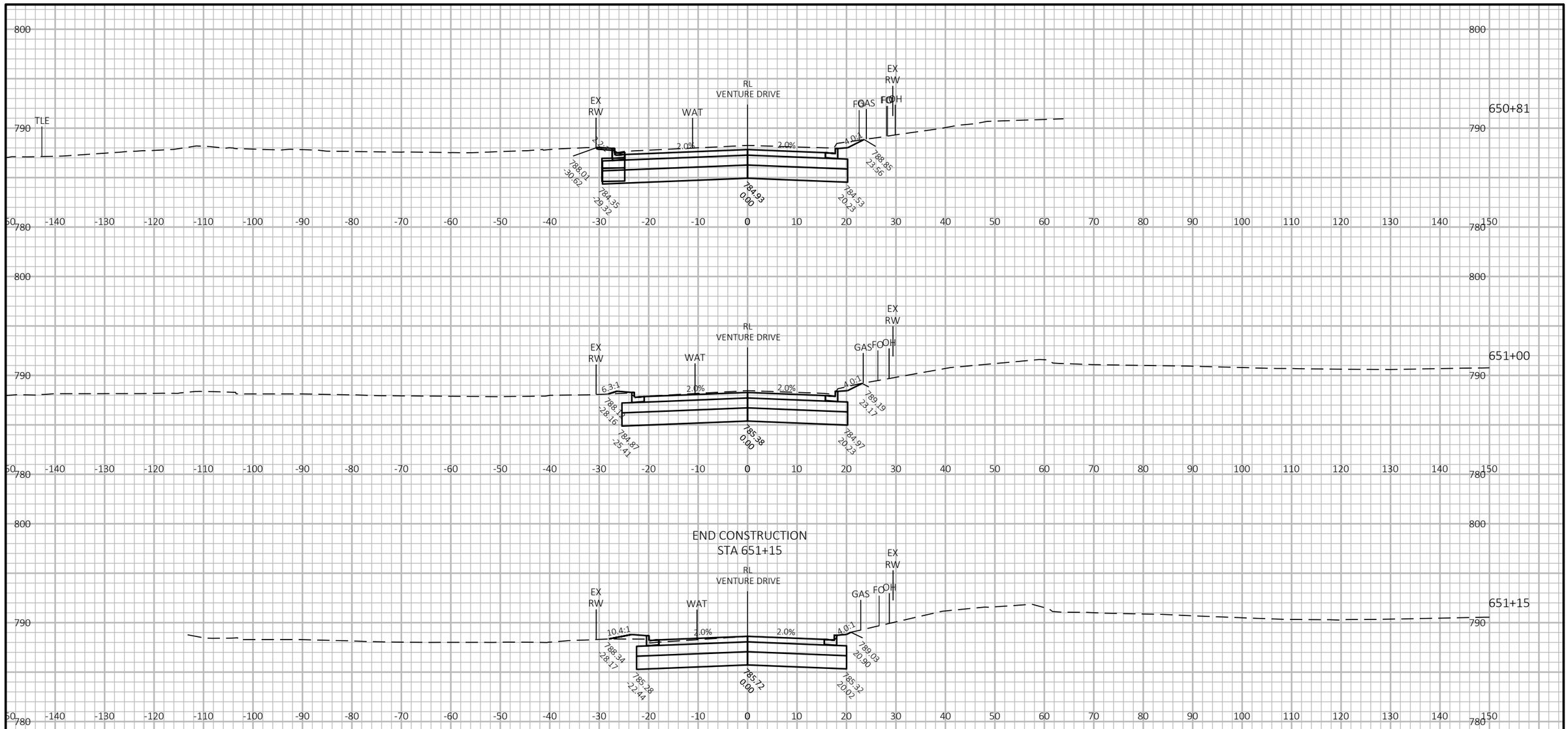
PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: WHITNALL EDGE ROAD	SHEET E

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090220-XS.DWG
LAYOUT NAME - (1)

PLOT DATE : 5/6/2021 9:25 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

PRE_262

WISDOT/CADDS SHEET 49



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PROJECT NO: 2040-14-70	HWY: USH 45	COUNTY: MILWAUKEE	CROSS SECTIONS: VENTURE DRIVE	SHEET E

PRE_263

FILE NAME : X:\BM1-3054 US 45 FINAL DESIGN\5_DESIGN\03_ROADS\20401400\SHEETSPLAN\090221-XS.DWG
LAYOUT NAME - 1

PLOT DATE : 5/6/2021 9:25 AM PLOT BY : HENRYKA GASIK PLOT NAME : PLOT SCALE : 1 IN:20 FT HORZ. / 1 IN:10 FT VERT.

WISDOT/CADDS SHEET 49

WISCONSIN DEPARTMENT OF TRANSPORTATION

EPlans Preliminary Sheet Numbering Tool

This sheet: ftp://ftp.dot.state.wi.us/transp/roads/eplans/prelim_sheet_numbers.pdf

Notes

- Acrobat 5 or higher is required to use this tool.
- The Bureau of Highway Construction places sheet numbers in the final plan.
- This sheet is for placing preliminary sheet numbers with a “PRE_" prefix.
- If a plan contains multiple projects, number each plan individually.
- Leave this sheet in the plan.

TO ADD PRELIMINARY SHEET NUMBERS

1. Insert this sheet at the end of the plan

a. With the plan open in Acrobat, select Document > Insert Pages.
b. In the Select File to Insert dialog box, select this file (prelim_sheet_numbers.pdf)
c. In the Insert dialog box, choose After for Location and Last page for Page.
d. Click OK.

2. Click the Place Preliminary Sheet Numbers button

a. Go to the last sheet of the plan.
b. Click the Place Preliminary Sheet Numbers button once.
(The preliminary sheet number appears in the bottom right corner of the sheets.
The number should match te page number in the Acrobat Status bar).

3. Re-Save the PDF

a. Select File > Save As and save the PDF.

Place Preliminary Sheet Numbers

TO REMOVE PRELIMINARY SHEET NUMBERS

Remove