PROJECT ID: 1100-01-77

WITH: 1100-20-70, 1100-21-70, 1100-21-71

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 =





DESIGN DESIGNATION			IH 41	BURLEIGH	CAPITOL	SILVER SPRING
A.A.D.T.	2020	=	125,150	16,050 (2020)	43,200 (2020)	29,150 (2020)
A.A.D.T.	2040	=	142,000	17,550	47,300	32,000
D.H.V.		=	13,774	1,700	4,588	3,100
D.D.		=	59/41	50/50	50/50	50/50
T.		=	17.1%	3.2%	5%	-
DESIGN SPEED		=	60 MPH	40 MPH	50 MPH	45 MPH
ESALS		=	N/A	-	-	-

DESIGN DESIGNATION			FLORIST	APPLETON	GOOD HOPE EB	GOOD HOPE WB
A.A.D.T.	2020	=	2,250	11,600	9,900	18,000
A.A.D.T.	2040	=	2,400	12,700	8,700	19,800
D.H.V.		=	232	1,232	844	1,920
D.D.		=	-	52/48	-	-
T.		=	-	-	-	-
DESIGN SPEED		=	35 MPH	50 MPH	45 MPH	45 MPH
ESALS		=	-	-	-	-

CONVENTIONAL SYMBOLS

PLAN

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

PROFILE

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

UTILITIES

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

ZOO FREEWAY

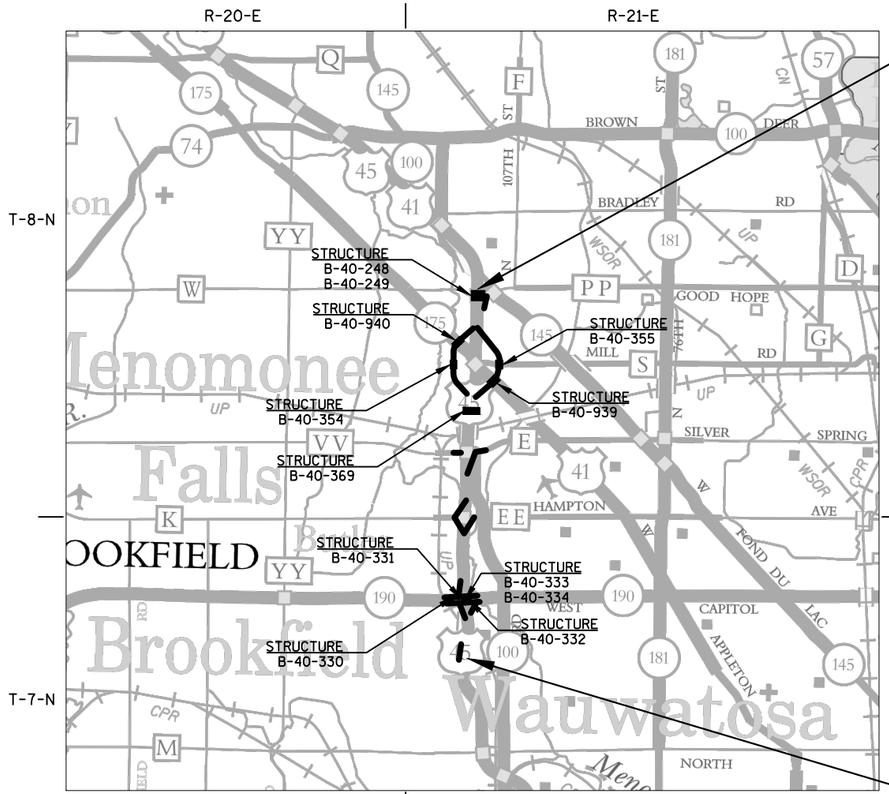
BURLEIGH STREET TO GOOD HOPE ROAD

USH 45

MILWAUKEE COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1100-01-77		

STATE PROJECT NUMBER
1100-01-77



LAYOUT
SCALE 0 1 MILE

TOTAL NET LENGTH OF CENTERLINE = 5.025 MI.

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, MILWAUKEE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	WISDOT/LYNCH AND ASSOCIATES
Designer	EMMA VINDEDAHL
Project Manager	GEORGIA VERGOU
Regional Examiner	
Regional Supervisor	JOE GALLAMORE

APPROVED FOR THE DEPARTMENT

DATE:_____ _____
(Signature)

PRE_1

E

UTILITY CONTACTS

ATC MANAGEMENT INC
MR. MIKE OLSEN
801 O'KEEFE RD
PO BOX 6113
DEPERE, WI 54115-613
PHONE: (920) 338-6582
molsen@atcllc.com

AT&T LOCAL NETWORK – COMMUNICATION LINE
MS. SANDRA FALATYK
6070 N FLINT RD
GLENDALE, WI 53209
PHONE: (414) 459-3565
S.Falatyk@northwindtech.com

AT&T WISCONSIN- COMMUNICATION LINE
MR. JAY BULANEK
2005 PEWAUKEE RD
WAUKESHA, WISCONSIN 53188
PHONE: (262) 896-7669
CELL: (414) 491-2855
jb5175@att.com

BROOKFIELD WATER UTILITY
MR. JOHN CARLSON
19700 TIVERVIEW DRIVE
BROOKFIELD, WI 53045
PHONE: (262)-787-3783
carlson@ci.brookfield.wi.us

CHARTER COMMUNICATIONS – COMMUNICATION LINE
MR. PETE KRUZELA
1320 N DR MARTIN LUTHER KING DR
MILWAUKEE, WI 53212
PHONE: (414) 908-1339
Wis.engineering@charter.com

LAWRENCE J TIMMERMAN FIELD – AIRPORT FACILITY
MR. JAMES ZSEBE
5300 S HOWELL AVE
MILWAUKEE, WI 53207
PHONE: (414) 747-5394
jszebe@mitchellairport.com

NETWORK RELOCATIONS LEVEL 3 COMMUNICATIONS LLC – COMMUNICATION LINE
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
PHONE: (414) 908-1339
NationalRelo@centurylink.com

STANDARD ABBREVIATIONS

ABUT.	ABUTMENT
A.D.T.	AVERAGE DAILY TRAFFIC
B.F.	BACK FACE
B.M.	BENCH MARK
B.O.C.	BACK OF CURB
CTR.	CENTER
C.L.	CENTERLINE
D.	LANE DISTRIBUTION
D.H.V.	DESIGN HOURLY VOLUME
DIA.	DIAMETER
DIM.	DIMENSION
EL. OR ELEV.	ELEVATION
EXC.	EXCAVATION
F.F.	FRONT FACE
MAX.	MAXIMUM
MIN.	MINIMUM
NORM.	NORMAL
O.H.	OVERHEAD POWER LINE
P.O.L.	POINT ON LINE
REQ'D	REQUIRED
RDWY.	ROADWAY
R.H.F.	RIGHT HAND FORWARD
S.E.	SUPERELEVATIO0N
SPA.	SPACE
STA.	STATION
SYM.	SYMMETRICAL
T.	PERCENT TRUCKS
TYP.	TYPICAL
V.	DESIGN SPEED

ORDER OF SECTION 2 DETAIL SHEETS

GENERAL NOTES
PROJECT OVERVIEW
TYPICAL SECTIONS
PLAN DETAILS
TRAFFIC SIGNALS
STAGE CONSTRUCTION
ALIGNMENT LAYOUT

GENERAL NOTES

NOTIFY DIGGERS HOTLINE AND AFFECTED UTILITIES PRIOR TO THE START OF WORK. CONTACT SEPARATELY ANY MUNICIPAL UTILITY WHICH IS NOT A MEMBER OF THE DIGGERS HOTLINE. CONTACT RAILROAD COMPANY SEPARATELY.

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

THE APPROXIMATE LOCATION OF SECTION CORNERS AND WITNESS CORNERS AFFECTED BY THE PROJECT IS SHOWN IN THE PLAN SHEETS. CONTRACTOR MUST CONTACT THE PROJECT ENGINEER AND SEWRPC (JOHN WASHBURN); AT LEAST TWO WEEKS PRIOR TO WORK NEAR ANY PUBLIC MONUMENT.

RE-TOPSOIL OF GRADED AREAS, AS DESIGNATED BY THE ENGINEER, IMMEDIATELY AFTER GRADING IS COMPLETED WITHIN THOSE AREAS. SEED, FERTILIZE, AND MULCH/EROSION MAT TOP-SOILED AREAS, AS DESIGNATED BY THE ENGINEER, WITHIN FIVE (5) CALENDAR DAYS AFTER PLACEMENT OF TOPSOIL. IF GRADED AREAS ARE LEFT EXPOSED FOR MORE THAN (14) CALENDAR DAYS, SEED THOSE AREAS WITH TEMPORARY SEED AND MULCH. TOPSOIL, SEEDING AND FERTILIZER ARE INCIDENTAL TO THE BARRIER SYSTEM GRADING SHAPING FINISHING ITEM.

STOCKPILE EXCESS MATERIAL OR SPOILS ON UPLAND AREAS AWAY FROM WETLANDS, FLOODPLAINS AND WATERWAYS. STOCKPILED SOIL SHALL BE PROTECTED AGAINST EROSION. IF STOCKPILED MATERIAL IS LEFT FOR MORE THAN FOURTEEN (14) CALENDAR DAYS, SEED THE STOCKPILE WITH TEMPORARY SEED AND MULCH.

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

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

UTILITY CONTACTS

MIDWEST FIBER NETWORKS LLC – COMMUNICATION LINE
MR. RICHARD TRGOVEC
6070 NORTH FLINT RD
GLENDALE, WI 53209
PHONE: (414) 459-3554
rtrgovec@midwestfibernetworks.com

SPRINT COMMUNICATIONS CO L.P. – COMMUNICATION LINE
MR. JASON JARVIS
7459 W 79TH ST
BRIDGEVIEW, IL 60455
PHONE: (219) 433-4091
james.m.jarvis@sprint.com

WAUWATOSA WATER UTILITY
MR. ADAM FLORIN
7725 W. NORTH AVENUE
WAUWATOSA, WI 53213
PHONE: (414) 479-8963
AFlorin@wauwatosa.net

WE ENERGIES - ELECTRICITY
MS NICOLE SMULLEN
333 W. EVERETT STREET - A299
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
Nicole.Smullen@we-energies.com

WE ENERGIES – GAS/PETROLEUM
MS NICOLE SMULLEN
333 W. EVERETT STREET - A299
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
Nicole.Smullen@we-energies.com

WISCONSIN DOT RWIS PROGRAM – COMMUNICATION TOWER
MIKE ADAMS
P.O. BOX 7986
MADISON, WI 53707-7986
PHONE: (608) 266-5004
Michael.Adams@dot.wi.gov

WISCONSIN INDEPENDENT NEWORK LLC – COMMUNICATION LINE
DICK HAMMETTER
800 WISCONSIN AVE SUITE 219
EAU CLAIRE, WI 54703
PHONE: (715) 838-4406
Hammetter@Wins.net

STATE AGENCIES

WISCONSIN DEPARTMENT OF TRANSPORTATION – COMMUNICATION LINE
MR. JEFF MADSON
433 W ST PAUL AVE STE 300
MILWAUKEE, WI 53203-3007
CELL: (414) 225-3723
Jeffrey.Madson@ dot.wi.gov

WISDOT ATR PULL BOXES - ELECTRICITY
MR. CHAD BIGLER
TRAVEL SURVEY SHOP
3633 PIERSTORFF ST P.O. BOX 2583
MADISON, WI 53704-2583
PHONE: (608) 535-7413
Chad.Bigler@dot.wi.gov

WISCONSIN DEPARTMENT OF TRANSPORTATION – STREET LIGHTING
MR. ERIC PEREA
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262) 574-5422
Eric.Perea@dot.wi.gov

WISCONSIN DEPARTMENT OF TRANSPORTATION
MR. JOE GALLAMORE- PROJECT MANAGER
141 NW BARSTOW ST.
WAUKESHA, WI 53187-0798
PHONE: (414) 548-5601
joe.gallamore@dot.wi.gov

WISCONSIN DEPARTMENT OF TRANSPORTATION – WISCONSIN SIGNAL
MR. DERRIN WOLFORD
141 NW BARSTOW STREET
WAUKESHA, WI 53188
PHONE: (262) 521-4409
Derrin.Wolford@dot.wi.gov

OTHER AGENCIES

VILLAGE OF BUTLER - SEWER
MR. JESSE THYES
12621 W HAMPTON AVENUE
BUTLER, WI 53007
PHONE: (262) 783-2525
jthyes@butlerwi.gov

VILLAGE OF BUTLER – WATER
MR. JESSE THYES
12621 W HAMPTON AVENUE
BUTLER, WI 53007
PHONE: (262) 783-2525
jthyes@butlerwi.gov

CITY OF MILWAUKEE - ELECTRICITY
MR. SAMIR AMIN
841 N BROADWAY
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

CITY OF MILWAUKEE – ROAD FACILITY
MR. SAMIR AMIN
841 N BROADWAY
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

CITY OF MILWAUKEE - SEWER
MR. SAMIR AMIN
841 N BROADWAY
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

CITY OF MILWAUKEE - WATER
MR. SAMIR AMIN
841 N BROADWAY
MILWAUKEE, WI 53202
PHONE: (414) 286-3301
samin@milwaukee.gov

MILWAUKEE COUNTY DPW
MR. DANIEL MURPHY
10320 WATERTOWN PLANK ROAD
WAUWATOSA, WI 53226
PHONE: (414) 257-5942
Daniel.Murphy@milwaukeecountywi.gov

VILLAGE OF MENOMONEE FALLS SEWER UTILITY - SEWER
MR JEFF NETTESHEIM
W156 N8480 PILGRIM ROAD
MENOMONEE FALLS, WI 53051-2001
PHONE: (262) 532-4800
utilities@menomonee-falls.org

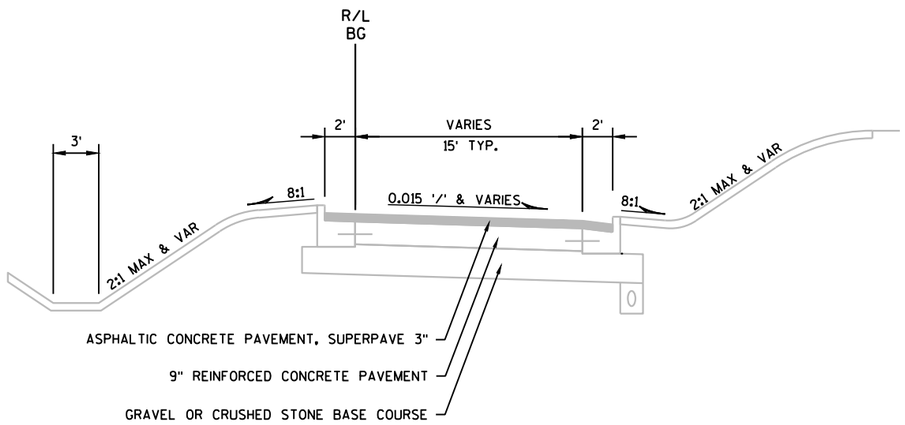
VILLAGE OF MENOMONEE FALLS SEWER UTILITY - WATER
MR JEFF NETTESHEIM
W156 N8480 PILGRIM ROAD
MENOMONEE FALLS, WI 53051-2001
PHONE: (262) 532-4800
utilities@menomonee-falls.org

VILLAGE OF MENOMONEE FALLS SEWER UTILITY – ROAD FACILITY
MR THOMAS HOFFMAN
W156 N8480 PILGRIM ROAD
MENOMONEE FALLS, WI 53051-2001
PHONE: (262) 532-4400
thoffmann@menomonee-falls.org

VILLAGE OF MENOMONEE FALLS SEWER UTILITY – STREET LIGHTING
MR THOMAS HOFFMAN
W156 N8480 PILGRIM ROAD
MENOMONEE FALLS, WI 53051-2001
PHONE: (262) 532-4400
thoffmann@menomonee-falls.org

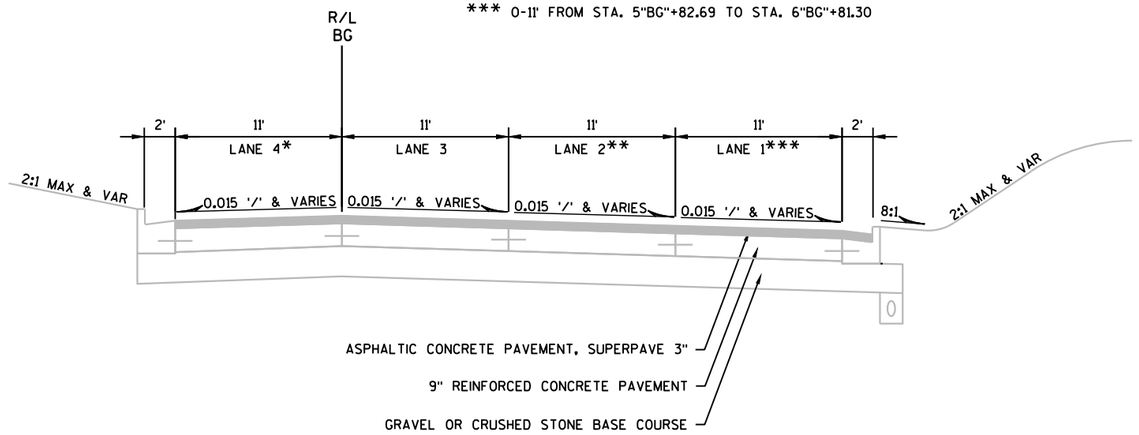
CITY OF WAUWATOSA – ROAD FACILITY
MR. WILLIAM WEHRLEY
7725 W. NORTH AVENUE
WAUWATOSA, WI 53213
PHONE: (414) 479-8929
wwehrley@wauwatosa.net

CITY OF WAUWATOSA - SEWER
MR. WILLIAM WEHRLEY
7725 W. NORTH AVENUE
WAUWATOSA, WI 53213
PHONE: (414) 479-8929
wwehrley@wauwatosa.net

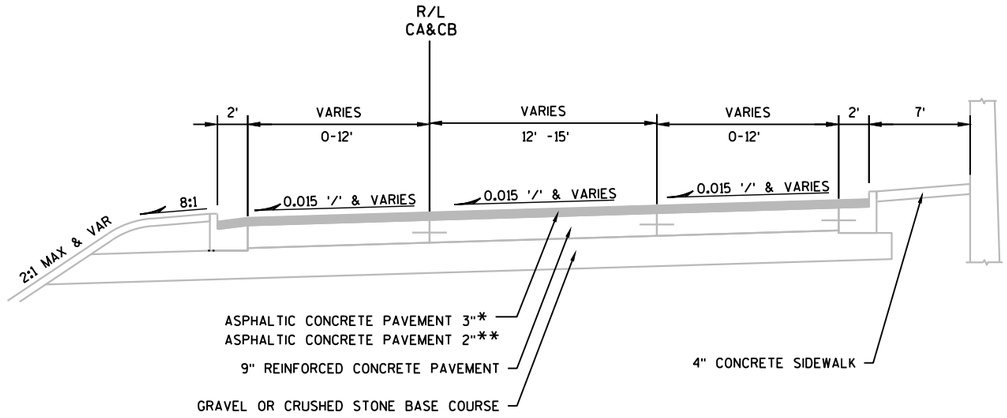


EXISTING TYPICAL SECTION
BURLEIGH ST SB EXIT RAMP
STA. 7"BG"+37.93 TO STA. 17"BG"+99.75

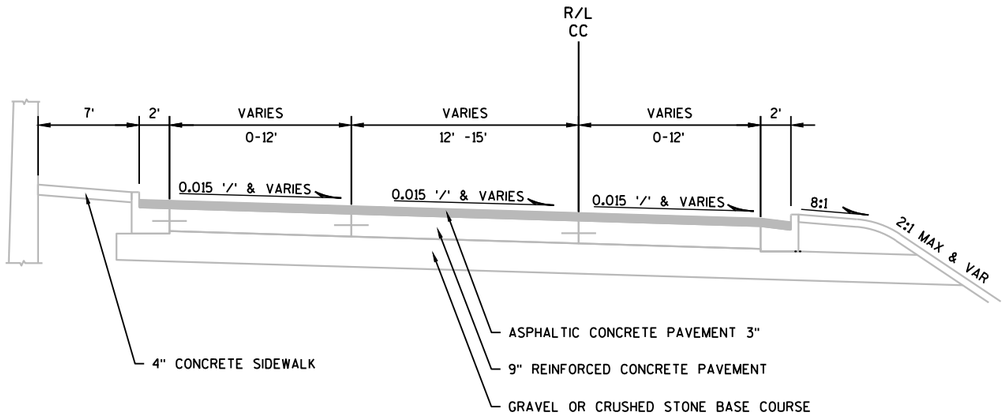
* 0-11' FROM STA. 6"BG"+36.21 TO STA. 7"BG"+37.93
** 4-11' FROM STA. 5"BG"+82.69 TO STA. 6"BG"+81.30
*** 0-11' FROM STA. 5"BG"+82.69 TO STA. 6"BG"+81.30



EXISTING TYPICAL SECTION
BURLEIGH ST SB EXIT RAMP
STA. 2"BG"+49.80 TO STA. 7"BG"+37.93



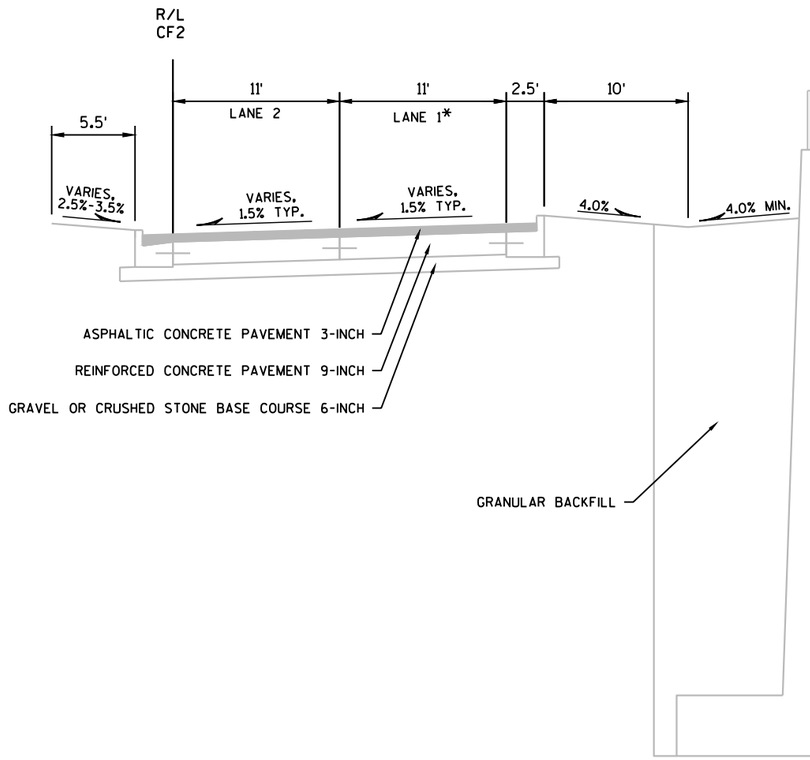
EXISTING TYPICAL SECTION
CAPITOL DR SB EXIT RAMP *
CAPITOL DR SB ENTRANCE RAMP **

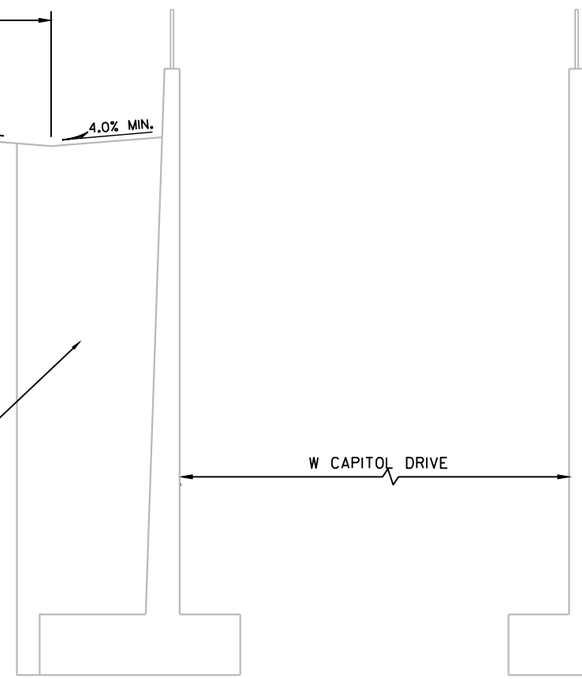


EXISTING TYPICAL SECTION
CAPITOL DR NB EXIT RAMP

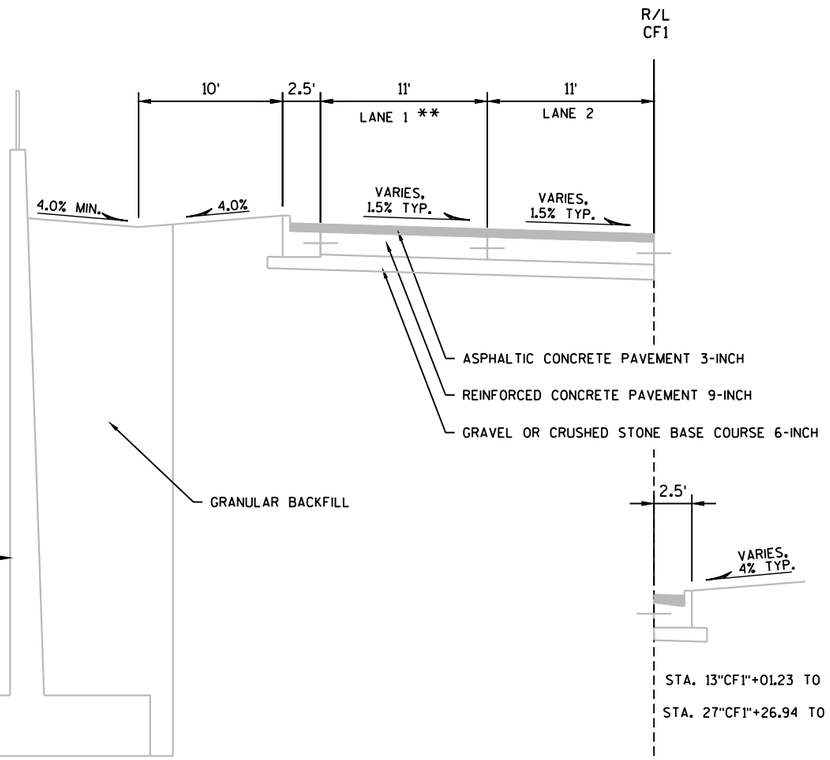
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E

*0-11' FROM STA. 9"CF2"+70.67 TO 17"CF2"+78.03



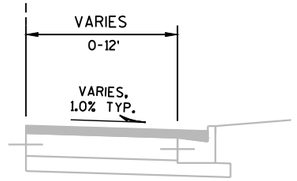


**0-11' FROM STA. 27"CF1"+26.94 TO STA. 32"CF1"+13.03



STA. 13"CF1"+01.23 TO STA. 18"CF1"+78.62

STA. 27"CF1"+26.94 TO STA. 32"CF1"+13.03



STA. 18"CF1"+76.62 TO STA. 20"CF1"+90.76

EXISTING TYPICAL SECTION

CAPITOL DR. FRONTAGE ROAD 2

STA. 9"CF2"+70.67 TO STA. 21"CF2"+61.42

STA. 25"CF2"+70.61 TO STA. 28"CF2"+71.72

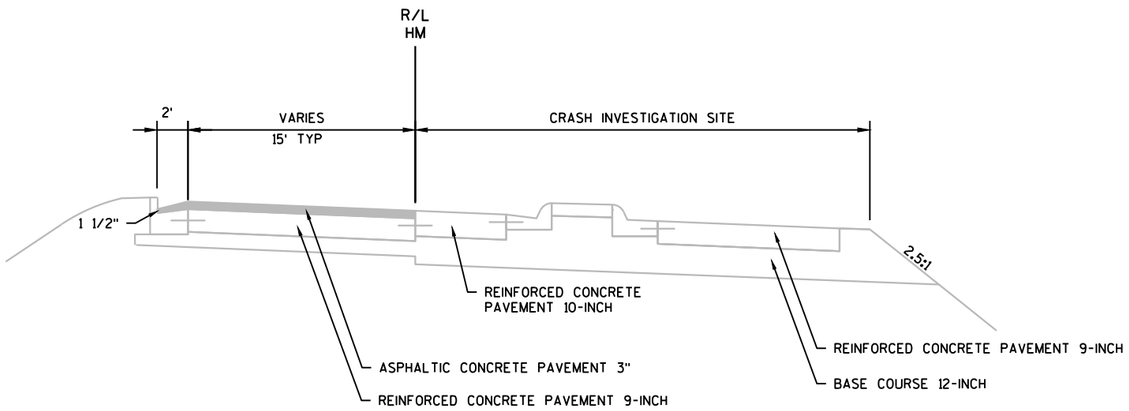
EXISTING TYPICAL SECTION

CAPITOL DR. FRONTAGE ROAD 1

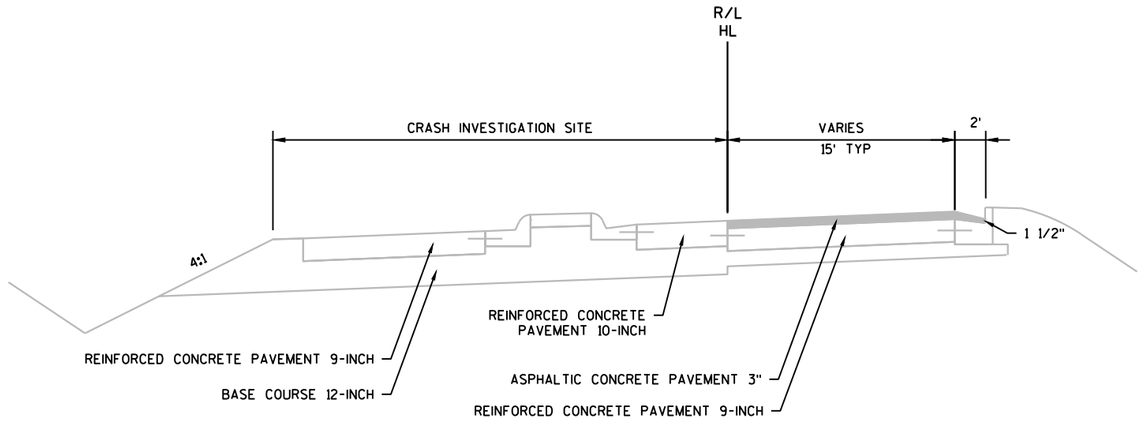
STA. 14"CF1"+32.26 TO STA. 21"CF1"+26.53

STA. 27"CF21"+26.94 TO STA. 32"CF1"+13.03

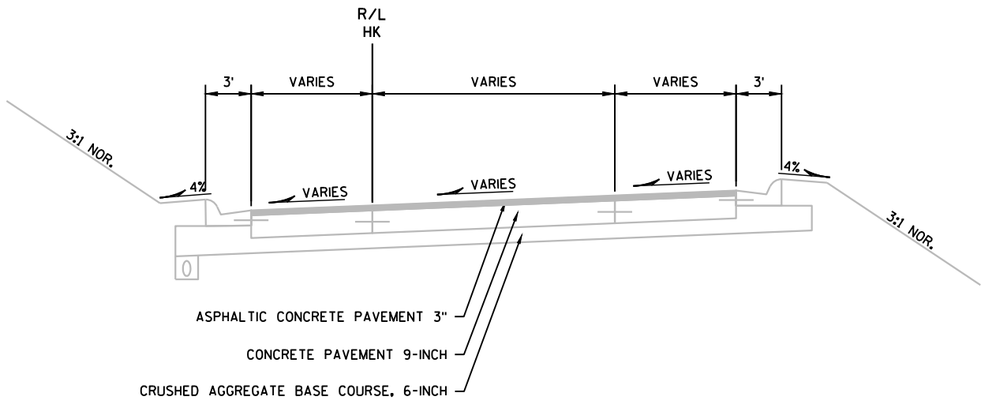
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E



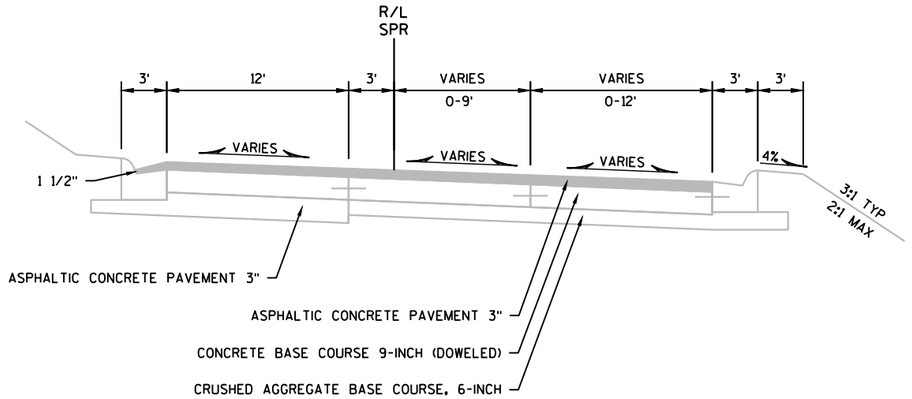
EXISTING TYPICAL SECTION
HAMPTON AVE NB EXIT RAMP



EXISTING TYPICAL SECTION
HAMPTON AVE SB EXIT RAMP

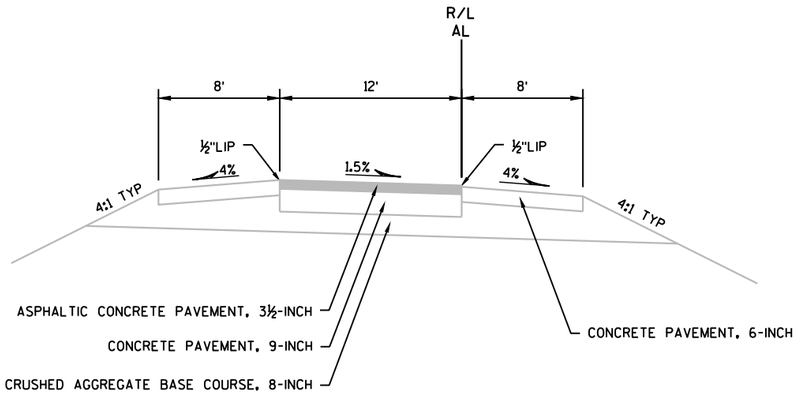


EXISTING TYPICAL SECTION
HAMPTON AVE SB ENTRANCE RAMP

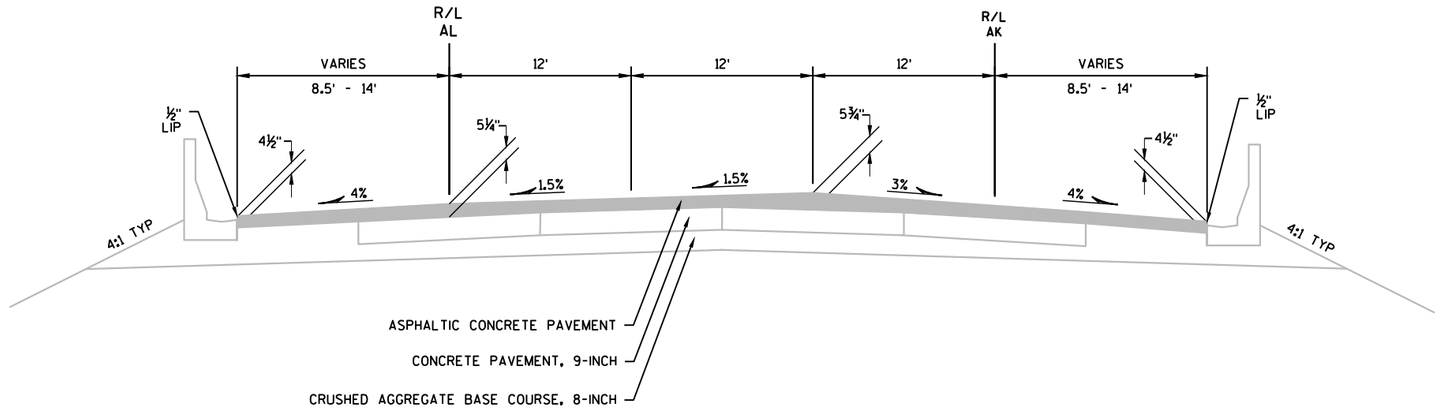


EXISTING TYPICAL SECTION
SILVER SPRING DR NB EXIT RAMP

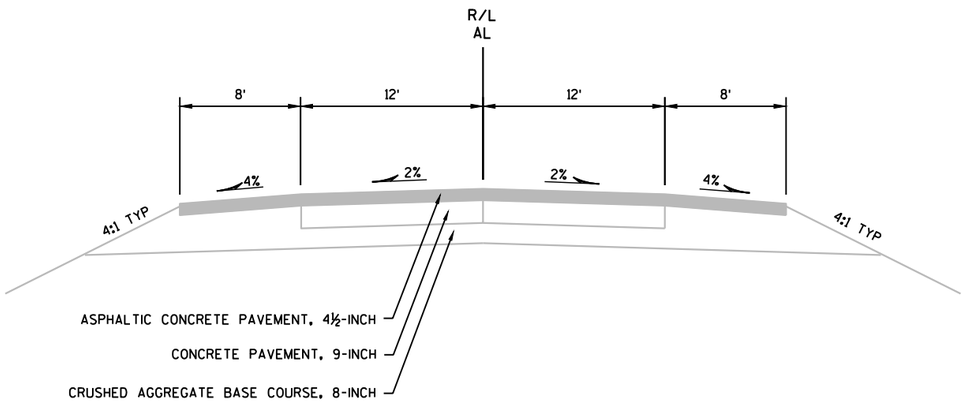
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E



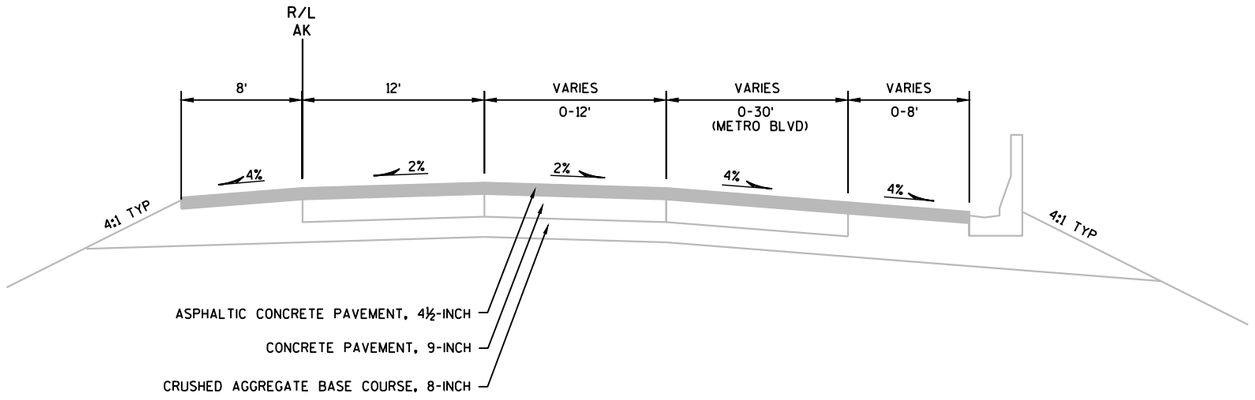
EXISTING TYPICAL SECTION
APPLETON AVE NB EXIT RAMP
STA. 27"AL"+74 TO 32"AL"+08



EXISTING TYPICAL SECTION
USH 41/APPLETON AVE NB
STA. 46"AL"+14 TO 49"AL"+37

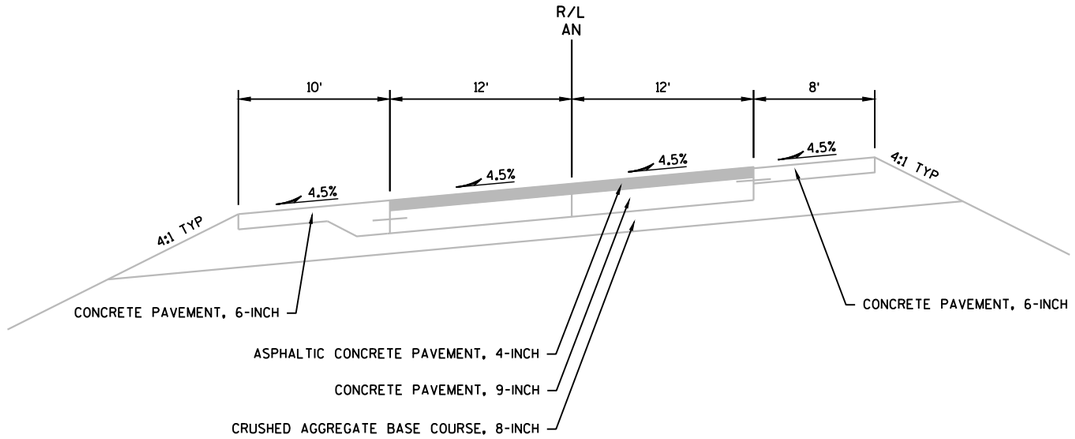


EXISTING TYPICAL SECTION
APPLETON AVE NB EXIT RAMP
STA. 32"AL"+08 TO 35"AL"+83
STA. 37"AL"+32 TO 37"AL"+75
STA. 41"AL"+00 TO 42"AL"+00

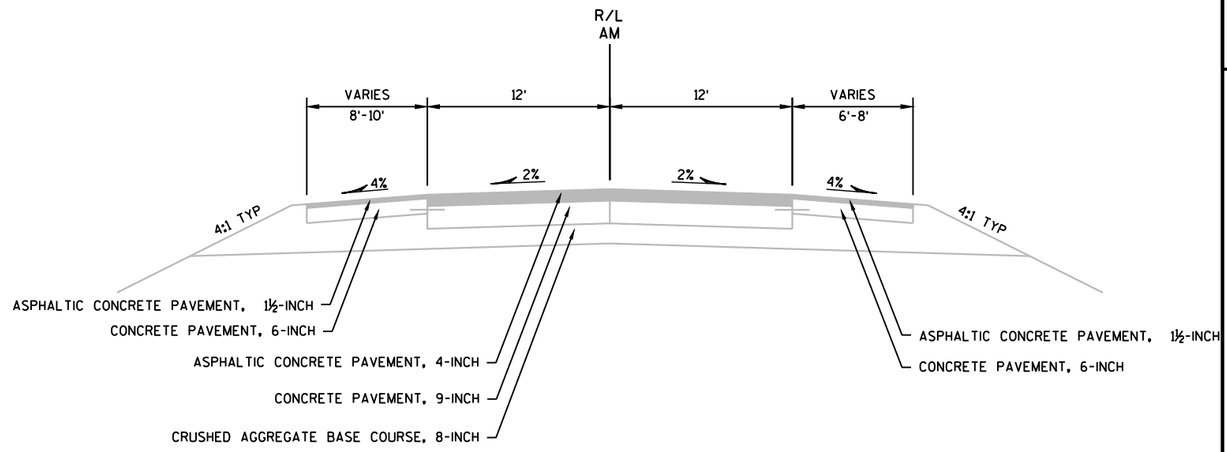


EXISTING TYPICAL SECTION
APPLETON AVE NB ENTRANCE RAMP

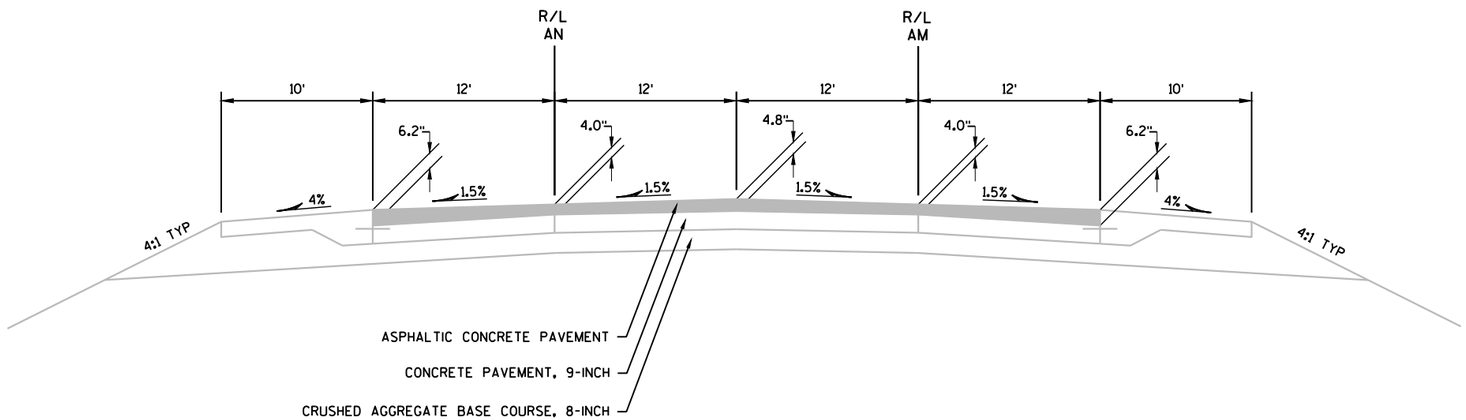
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E



EXISTING TYPICAL SECTION
APPLETON AVE SB ENTRANCE RAMP

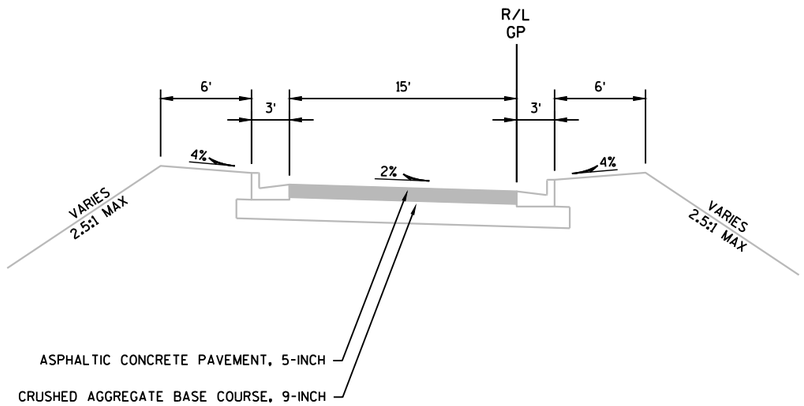


EXISTING TYPICAL SECTION
APPLETON AVE SB EXIT RAMP



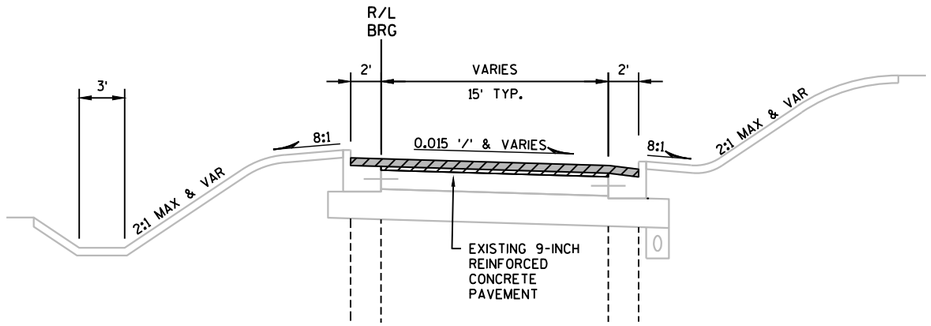
EXISTING TYPICAL SECTION
USH 41/APPLETON AVE SB

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E



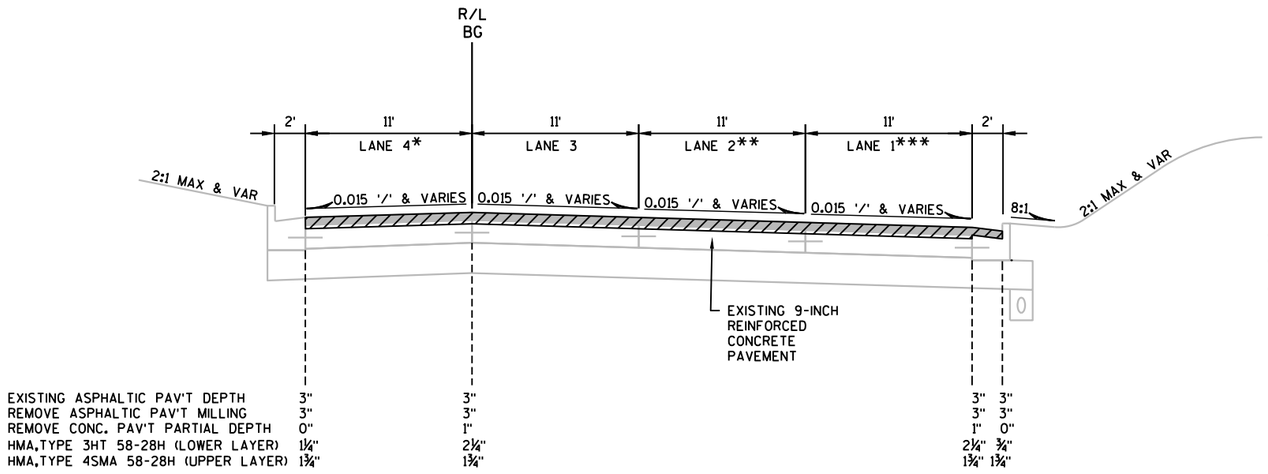
EXISTING TYPICAL SECTION
GOOD HOPE RD NB EXIT RAMP

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: EXISTING TYPICAL SECTIONS	SHEET	E



EXISTING ASPHALTIC PAV'T DEPTH	3"	3"	3"	3"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"	3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1"	1"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	1¼"	2½"	2½"	¾"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"	1¾"

PROPOSED TYPICAL SECTION
BURLEIGH SB EXIT RAMP
STA. 7"BG"+37.93 TO STA. 17"BG"+99.75



EXISTING ASPHALTIC PAV'T DEPTH	3"	3"	3"	3"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"	3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1"	1"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	1¼"	2½"	2¼"	¾"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"	1¾"

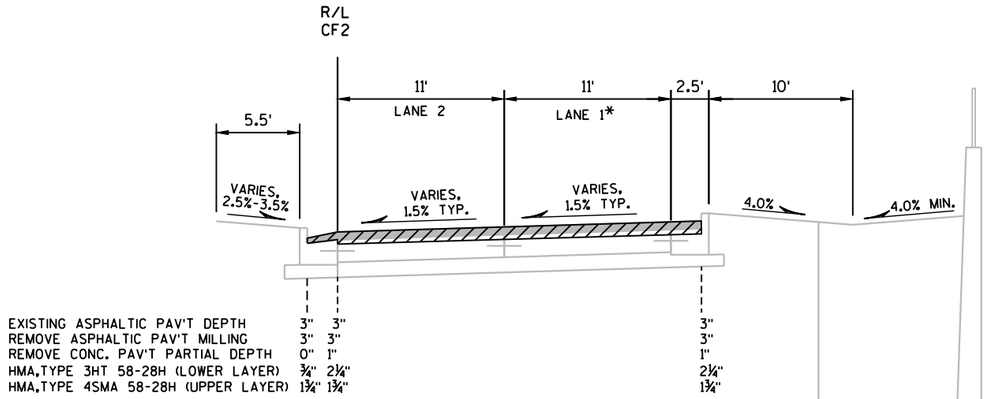
* 0-11' FROM STA. 6"BG"+36.21 TO STA. 7"BG"+37.93

** 4-11' FROM STA. 5"BG"+82.69 TO STA. 6"BG"+81.30

*** 0-11' FROM STA. 5"BG"+82.69 TO STA. 6"BG"+81.30

EXISTING TYPICAL SECTION
BURLEIGH ST SB EXIT RAMP
STA. 2"BG"+49.80 TO STA. 7"BG"+37.93

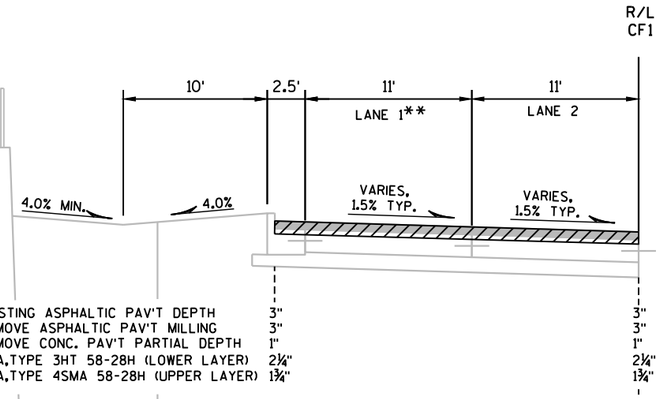
*0-11' FROM STA. 9"CF2"+70.67 TO 17"CF2"+78.03



EXISTING ASPHALTIC PAV'T DEPTH	3"	3"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	¾"	2¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"

3"	
3"	
1"	
2¼"	
1¾"	

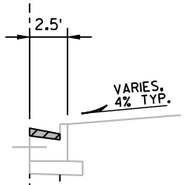
**0-11' FROM STA. 27"CF1"+26.94 TO STA. 32"CF1"+13.03



EXISTING ASPHALTIC PAV'T DEPTH	3"
REMOVE ASPHALTIC PAV'T MILLING	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	1"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"

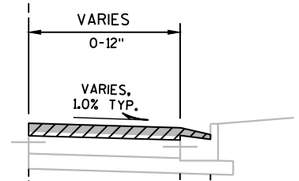
3"	
3"	
1"	
2¼"	
1¾"	

W CAPITOL DRIVE



EXISTING ASPHALTIC PAV'T DEPTH	3"	3"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¼"	¾"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"

STA. 13"CF1"+01.23 TO STA. 18"CF1"+78.62
STA. 27"CF1"+26.94 TO STA. 32"CF1"+13.03



EXISTING ASPHALTIC PAV'T DEPTH	3"	3" 3"
REMOVE ASPHALTIC PAV'T MILLING	3"	3" 3"
REMOVE CONC. PAV'T PARTIAL DEPTH	1"	1" 0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¼"	2¼" ¾"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾" 1¾"

STA. 18"CF1"+76.62 TO STA. 20"CF1"+90.76

EXISTING TYPICAL SECTION

CAPITOL DR. FRONTAGE ROAD 2

STA. 9"CF2"+70.67 TO STA. 21"CF2"+61.42

STA. 25"CF2"+70.61 TO STA. 28"CF2"+71.72

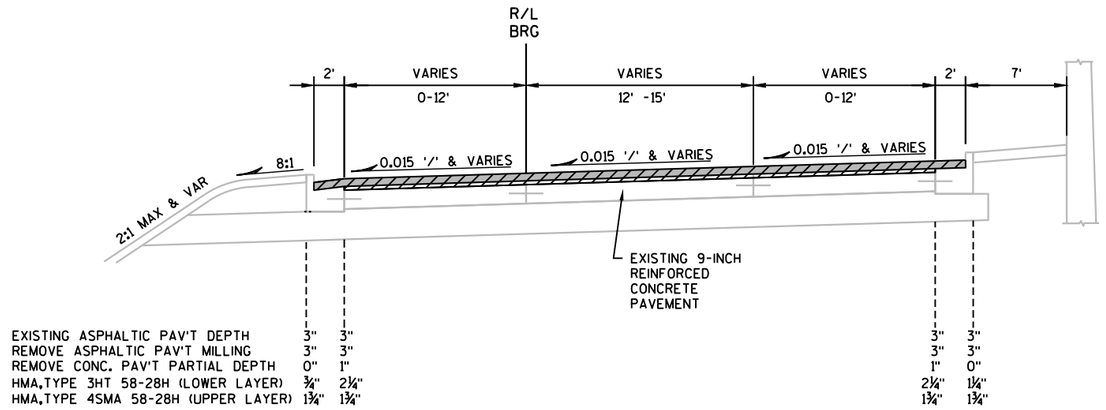
EXISTING TYPICAL SECTION

CAPITOL DR. FRONTAGE ROAD 1

STA. 14"CF1"+32.26 TO STA. 21"CF1"+26.53

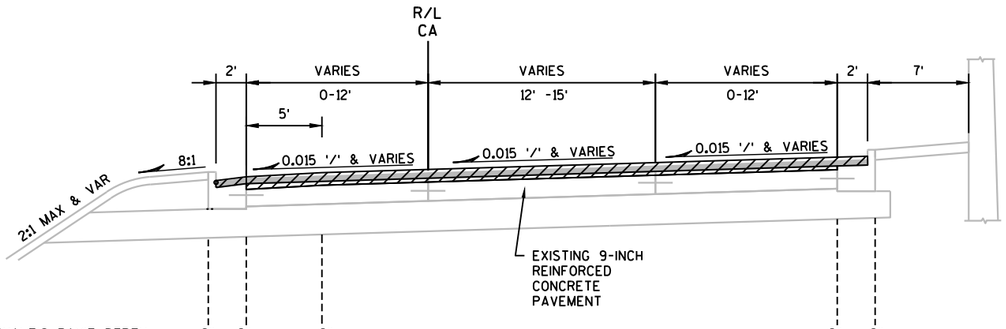
STA. 27"CF21"+26.94 TO STA. 32"CF1"+13.03

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET E



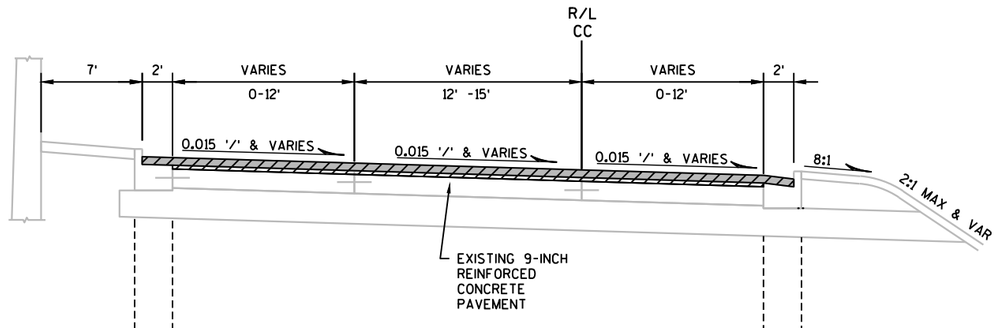
EXISTING ASPHALTIC PAV'T DEPTH	3"	3"			3"	3"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"			3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1"			1"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	¾"	2¼"			2¼"	1¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"			1¾"	1¾"

PROPOSED TYPICAL SECTION
CAPITOL SB EXIT RAMP



EXISTING ASPHALTIC PAV'T DEPTH	2"	2"	2"		2"	2"
REMOVE ASPHALTIC PAV'T MILLING	2"	2"	2"		2"	2"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1½"	1"		1"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	¾"	2¼"	2¼"		2¼"	1¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"		1¾"	1¾"

PROPOSED TYPICAL SECTION
CAPITOL SB ENTRANCE RAMP

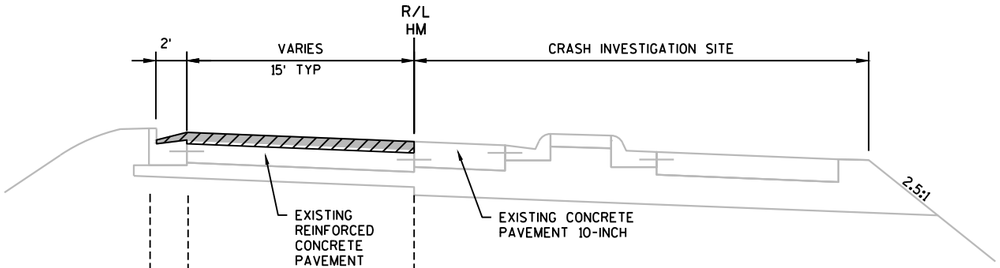


EXISTING ASPHALTIC PAV'T DEPTH	3"	3"			3"	3"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"			3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1"			1"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	1¼"	2¼"			2¼"	1¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"			1¾"	1¾"

PROPOSED TYPICAL SECTION
CAPITOL NB EXIT RAMP

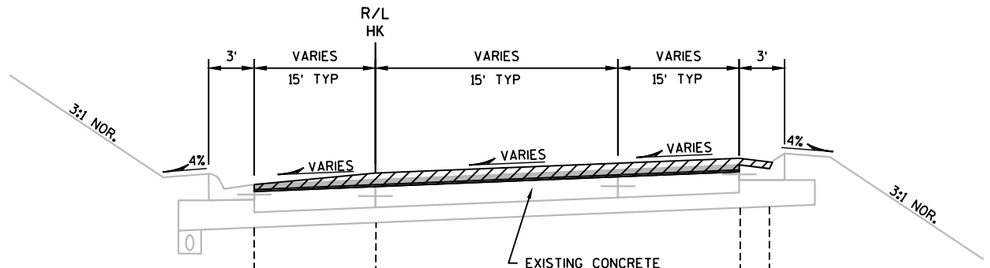
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TS_PROPOSED.DWG PLOT DATE : 5/31/2019 11:56 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



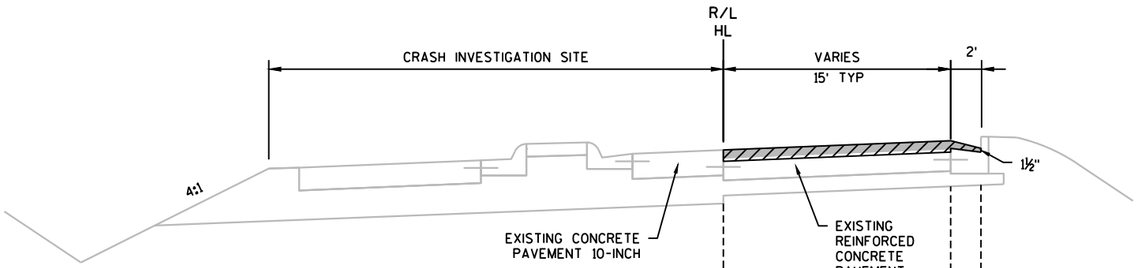
EXISTING ASPHALTIC PAV'T DEPTH	1½"	3"	3"
REMOVE ASPHALTIC PAV'T MILLING	1½"	3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1"	1"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	¾"	2¼"	2¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"

PROPOSED TYPICAL SECTION
HAMPTON NB EXIT RAMP



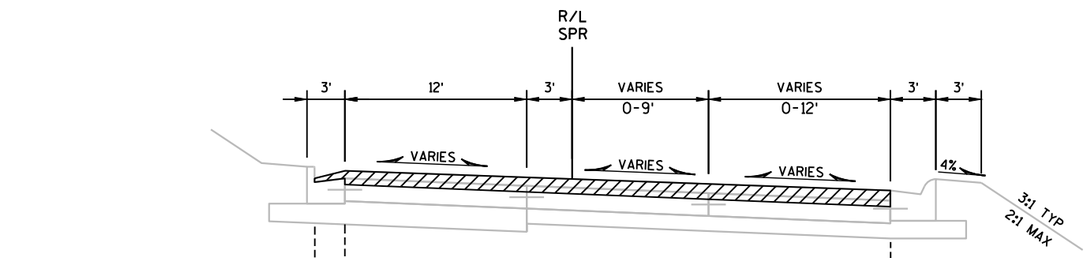
EXISTING ASPHALTIC PAV'T DEPTH	2"	2"	2"	0"
REMOVE ASPHALTIC PAV'T MILLING	2"	2"	2"	0"
REMOVE CONC. PAV'T PARTIAL DEPTH	¼"	¼"	¼"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	¾"	2½"	2½"	0"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"	1¾"

PROPOSED TYPICAL SECTION
HAMPTON SB ENTRANCE RAMP



EXISTING ASPHALTIC PAV'T DEPTH	3"	3"	1½"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"	1½"
REMOVE CONC. PAV'T PARTIAL DEPTH	1"	1"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¼"	2¼"	¾"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"

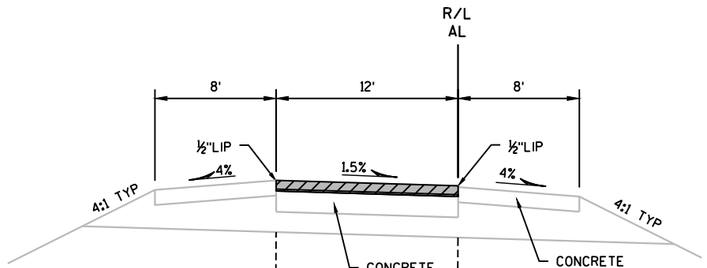
PROPOSED TYPICAL SECTION
HAMPTON SB EXIT RAMP



EXISTING ASPHALTIC PAV'T DEPTH	1½"	3"	3"
REMOVE ASPHALTIC PAV'T MILLING	1½"	3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	1"	1"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	¾"	2¼"	2¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"

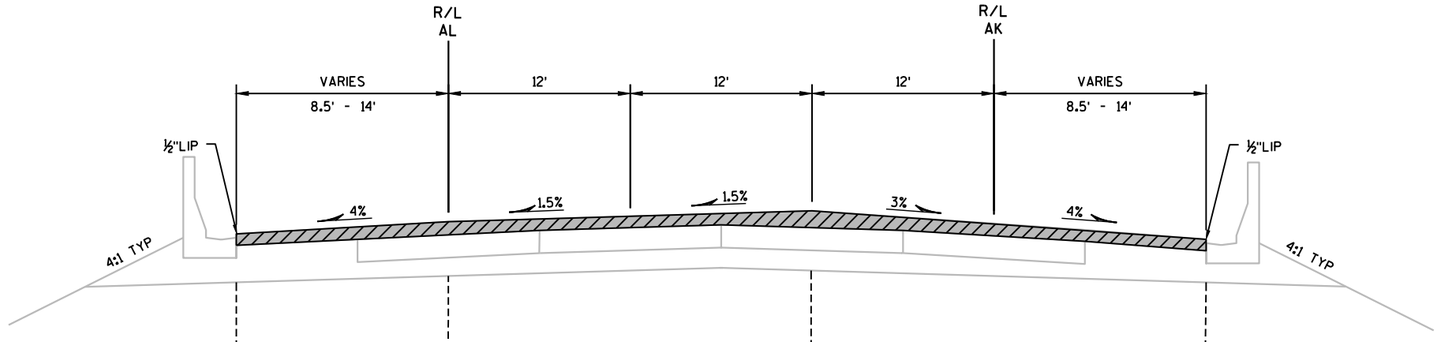
PROPOSED TYPICAL SECTION
SILVER SPRING NB EXIT RAMP

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET E



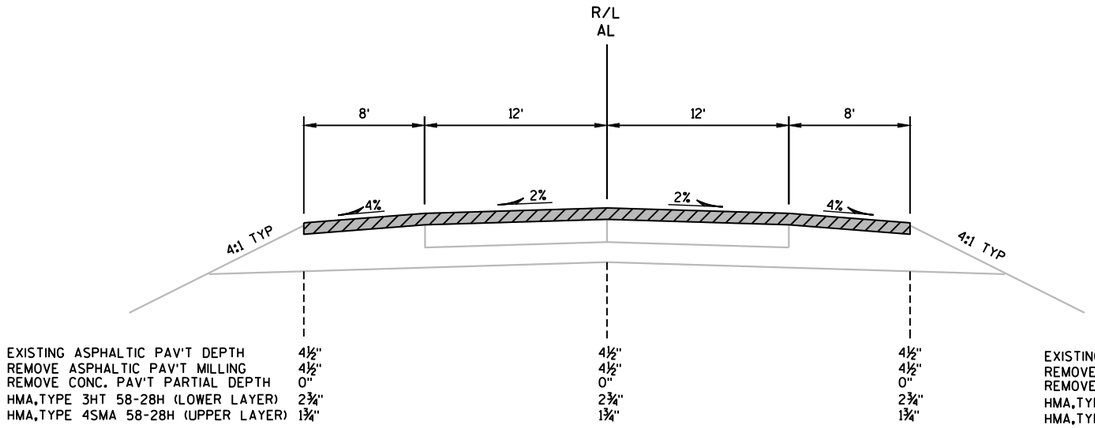
EXISTING ASPHALTIC PAV'T DEPTH	3½"	3½"
REMOVE ASPHALTIC PAV'T MILLING	3½"	3½"
REMOVE CONC. PAV'T PARTIAL DEPTH	½"	½"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¼"	2¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"

PROPOSED TYPICAL SECTION
APPLETON AVE NB EXIT RAMP
STA. 27"AL"+74 TO 32"AL"+08



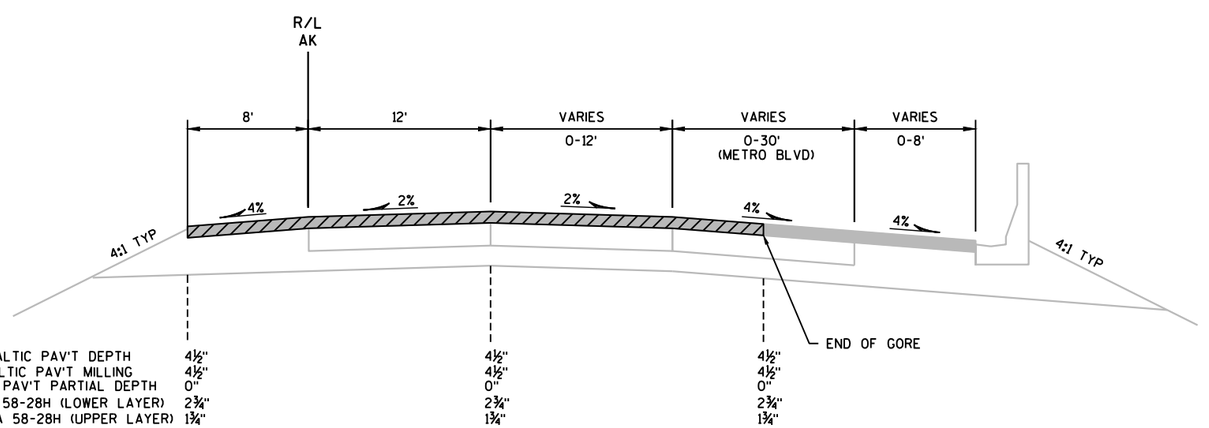
EXISTING ASPHALTIC PAV'T DEPTH	4½"	5½"	5¾"	4¼"
REMOVE ASPHALTIC PAV'T MILLING	4½"	5½"	5¾"	4¼"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	0"	0"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¾"	2¾"	3"	2½"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	2¾"	2¾"	1¾"

PROPOSED TYPICAL SECTION
USH 41/APPLETON AVENUE NB
STA. 46"AL"+14 TO 49"AL"+37



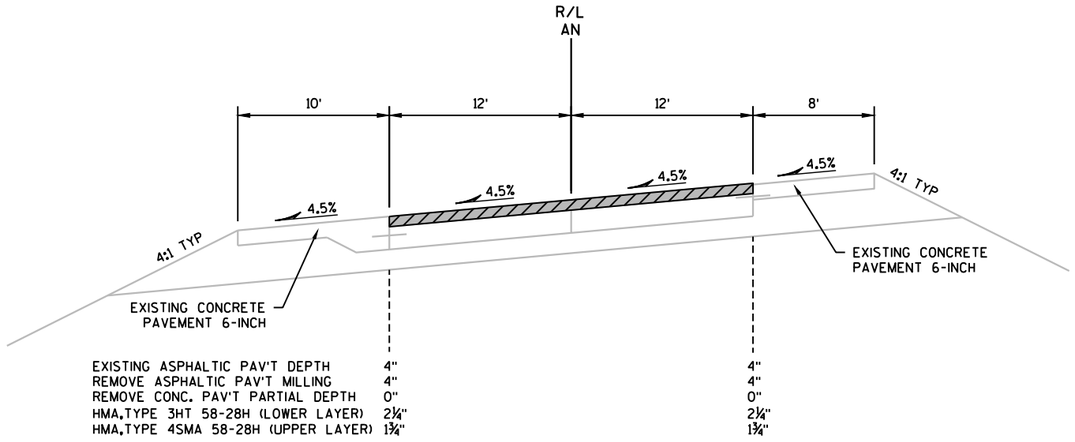
EXISTING ASPHALTIC PAV'T DEPTH	4½"	4½"	4½"
REMOVE ASPHALTIC PAV'T MILLING	4½"	4½"	4½"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	0"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¾"	2¾"	2¾"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"

PROPOSED TYPICAL SECTION
APPLETON AVE NB EXIT RAMP
STA. 32"AL"+08 TO 35"AL"+83
STA. 37"AL"+32 TO 37"AL"+75
STA. 41"AL"+00 TO 42"AL"+00



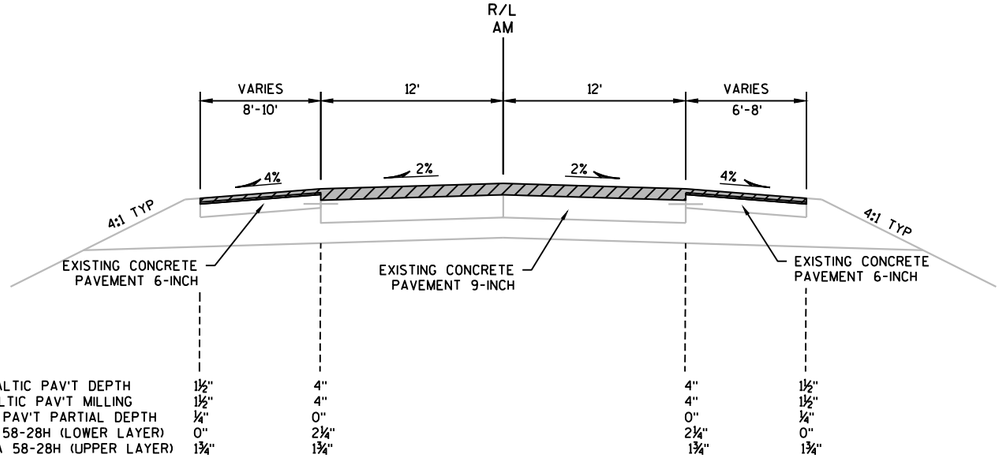
EXISTING ASPHALTIC PAV'T DEPTH	4½"	4½"	4½"
REMOVE ASPHALTIC PAV'T MILLING	4½"	4½"	4½"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	0"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¾"	2¾"	2¾"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"

PROPOSED TYPICAL SECTION
APPLETON AVE NB ENTRANCE RAMP



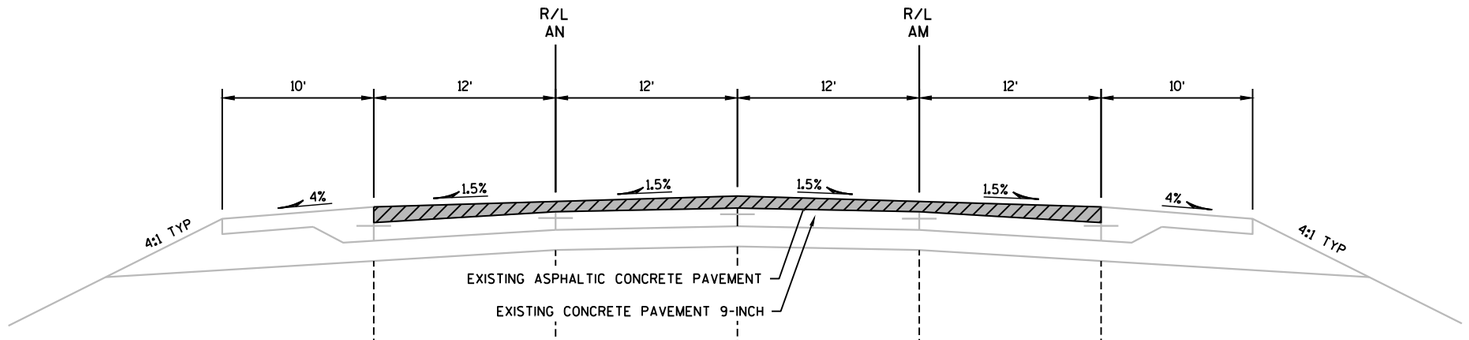
EXISTING ASPHALTIC PAV'T DEPTH	4"	4"
REMOVE ASPHALTIC PAV'T MILLING	4"	4"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¼"	2¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"

PROPOSED TYPICAL SECTION
APPLETON AVE SB ENTRANCE RAMP



EXISTING ASPHALTIC PAV'T DEPTH	1½"	4"	4"	1½"
REMOVE ASPHALTIC PAV'T MILLING	1½"	4"	4"	1½"
REMOVE CONC. PAV'T PARTIAL DEPTH	¼"	0"	0"	¼"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	0"	2¼"	2¼"	0"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"	1¾"	1¾"

PROPOSED TYPICAL SECTION
APPLETON AVE SB EXIT RAMP



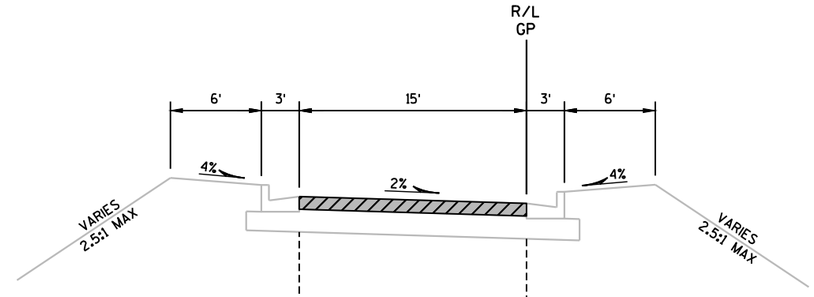
EXISTING ASPHALTIC PAV'T DEPTH	6¼"	4"	4¾"	4"	6¼"
REMOVE ASPHALTIC PAV'T MILLING	6¼"	4"	4¾"	4"	6¼"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	0"	0"	0"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	4"	2¼"	3"	2¼"	4"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	2¼"	1¾"	1¾"	1¾"	2¼"

PROPOSED TYPICAL SECTION
USH 41/APPLETON AVENUE SB

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: PROPOSED TYPICAL SECTIONS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TS_PROPOSED.DWG PLOT DATE : 5/31/2019 11:56 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT

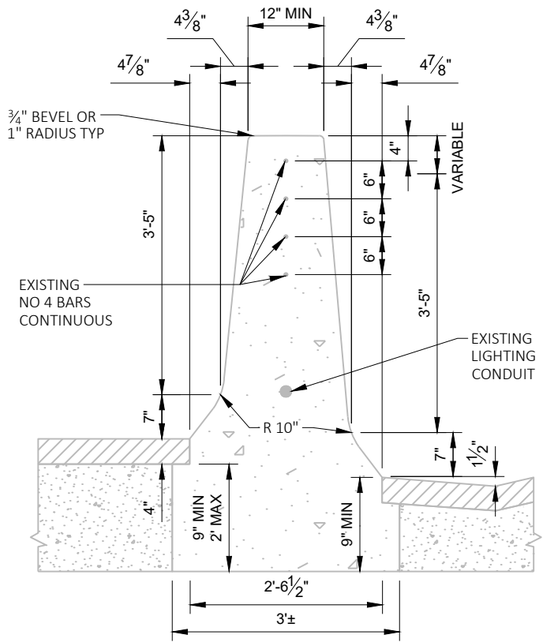
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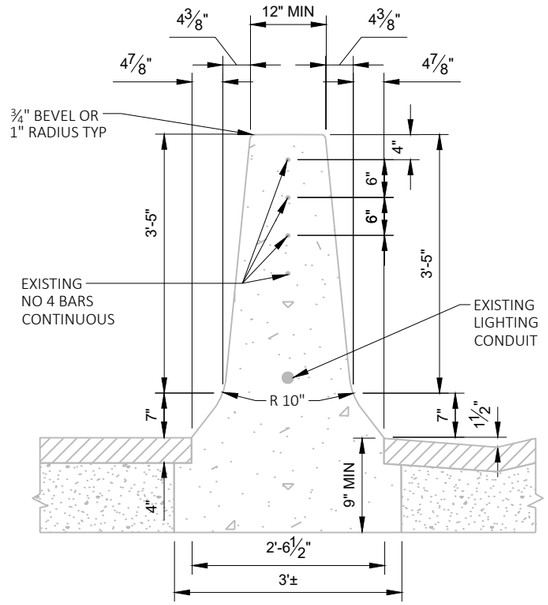
EXISTING ASPHALTIC PAV'T DEPTH	5"	5"
REMOVE ASPHALTIC PAV'T MILLING	3"	3"
REMOVE CONC. PAV'T PARTIAL DEPTH	0"	0"
HMA,TYPE 3HT 58-28H (LOWER LAYER)	2¼"	2¼"
HMA,TYPE 4SMA 58-28H (UPPER LAYER)	1¾"	1¾"

PROPOSED TYPICAL SECTION
GOOD HOPE RD NB EXIT RAMP

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	PLAN: PROPOSED TYPICAL SECITONS	SHEET E

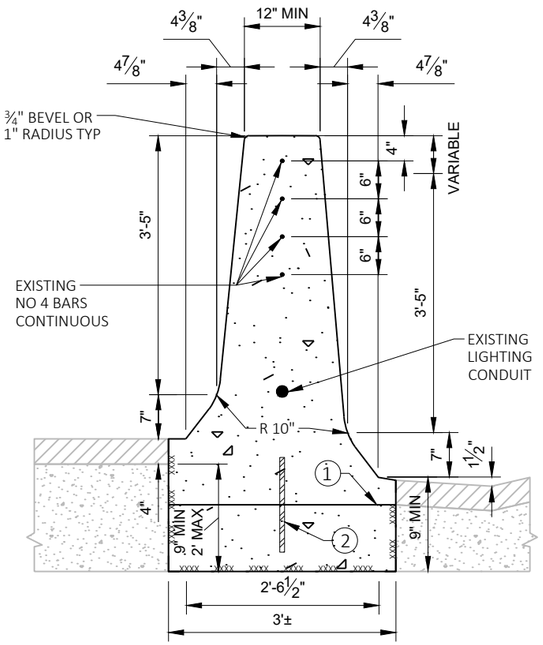


EXISTING CAST-IN-PLACE
IN STEPPED MEDIAN

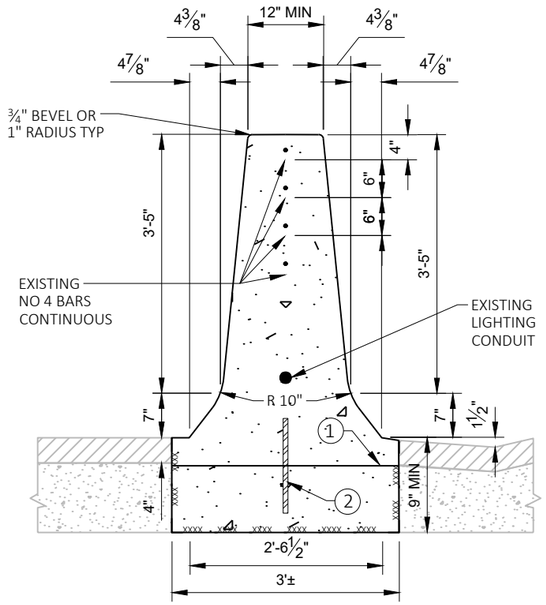


EXISTING CAST-IN-PLACE
IN SYMMETRICAL MEDIAN

EXISTING CONCRETE BARRIER DOUBLE-FACED 51-INCH, MODIFIED



CAST-IN-PLACE
IN STEPPED MEDIAN



CAST-IN-PLACE
IN SYMMETRICAL MEDIAN

CONCRETE BARRIER DOUBLE-FACED 51-INCH, SPECIAL

GENERAL NOTES

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

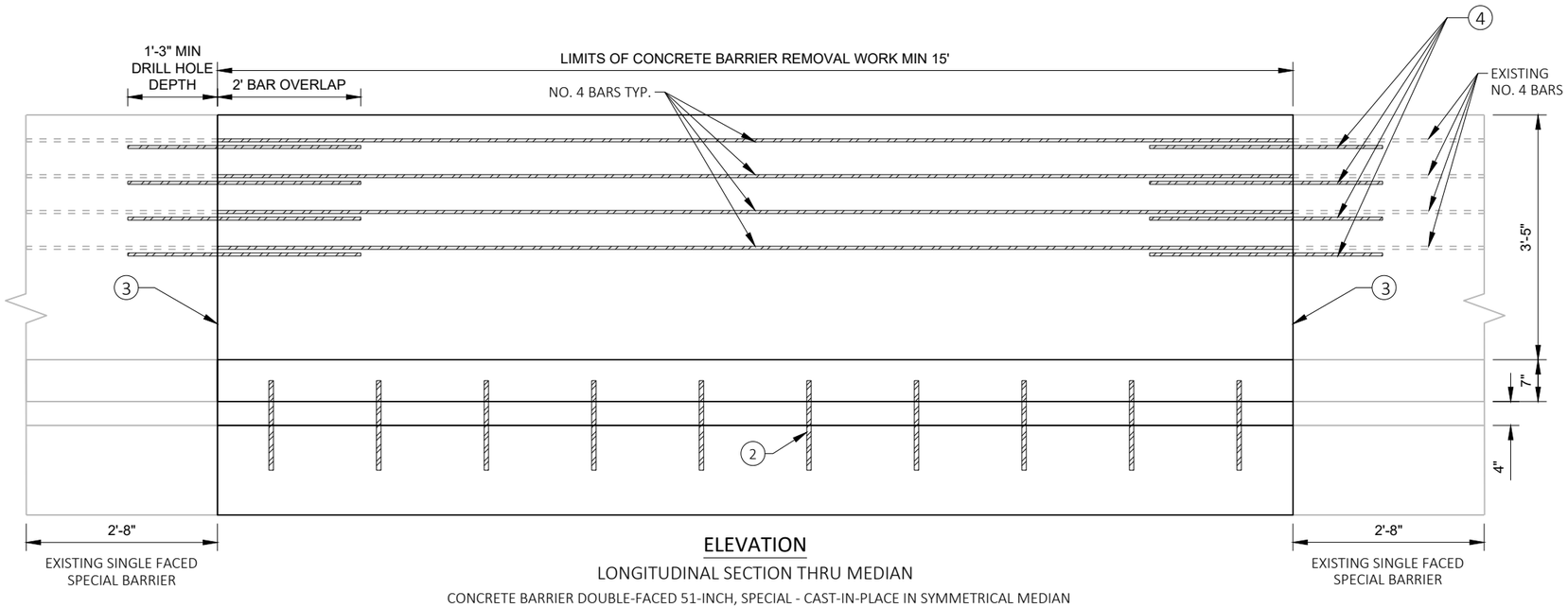
ALL BAR STEEL REINFORCEMENT USING EPOXY SHALL BE COATED IN CONFORMANCE WITH SUBSECTION 505.2.4 OF STANDARD SPEC.

(1) OPTIONAL CONSTRUCTION JOINT WITH ROUGH SURFACE FINISH

(2) NO. 6 X 15" BARS AT 1'-6" C-C TO BE USED WHEN OPTIONAL CONSTRUCTION JOINT IS USED. BARS MAY BE PLACED AFTER CONCRETE IS POURED OR IF THE FOOTING IS LEFT IN PLACE
7 1/2" DRILL & EPOXY EMBEDMENT, TYP.

(3) SAW CUT TO PROVIDE STRAIGHT FACE FOR REPLACEMENT OF CONCRETE

(4) NO. 4 TIE BARS ANCHORED WITH MASONRY ANCHORS
TYPE S - 3/4", TYP.



EXISTING SINGLE FACED
SPECIAL BARRIER

EXISTING SINGLE FACED
SPECIAL BARRIER

ELEVATION

LONGITUDINAL SECTION THRU MEDIAN

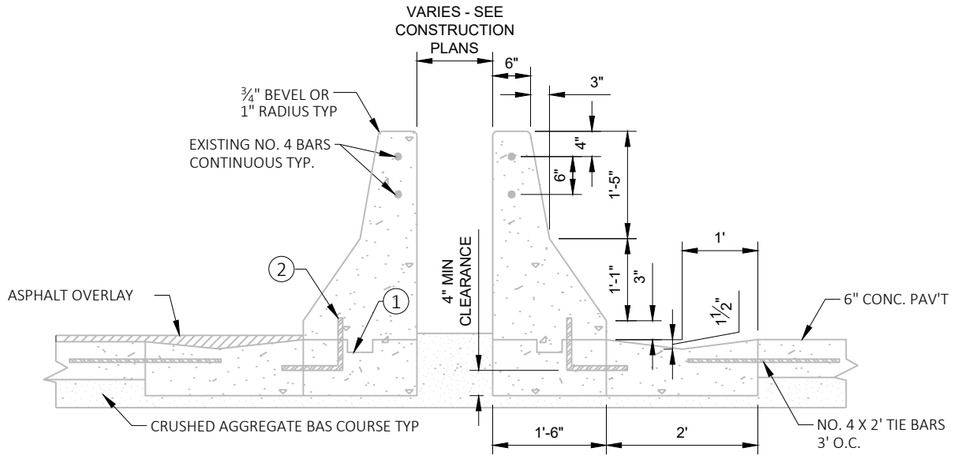
CONCRETE BARRIER DOUBLE-FACED 51-INCH, SPECIAL - CAST-IN-PLACE IN SYMMETRICAL MEDIAN

PROJECT NO: 1100-01-77	HWY: USH 45	COUNTY: MILWAUKEE	CONSTRUCTION DETAIL	SHEET E

PRE_18

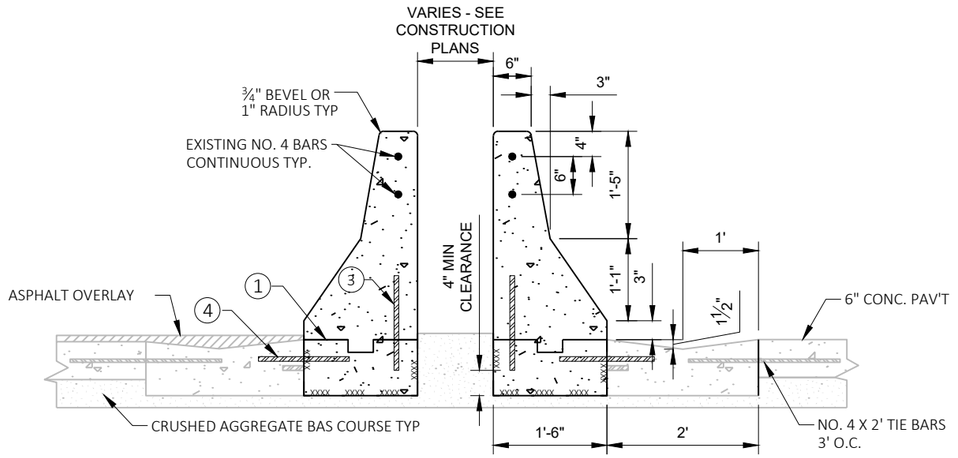
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LAYOUT NAME - DOUBLE-FACED

PLOT DATE : 2/7/2019 2:56 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : _____ PLOT SCALE : 1 IN:2 FT



CONCRETE BARRIER SINGLE-FACED 32-INCH, MODIFIED

TRANSVERSE SECTION THRU MEDIAN



CONCRETE BARRIER SINGLE-FACED 32-INCH, SPECIAL

TRANSVERSE SECTION THRU MEDIAN

GENERAL NOTES

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

ALL BAR STEEL REINFORCEMENT USING EPOXY SHALL BE COATED IN CONFORMANCE WITH SUBSECTION 505.2.4 OF STANDARD SPEC.

(1) OPTIONAL CONSTRUCTION JOINT WITH ROUGH SURFACE FINISH KEY WAY 2" X 4" (NOM), TYP.

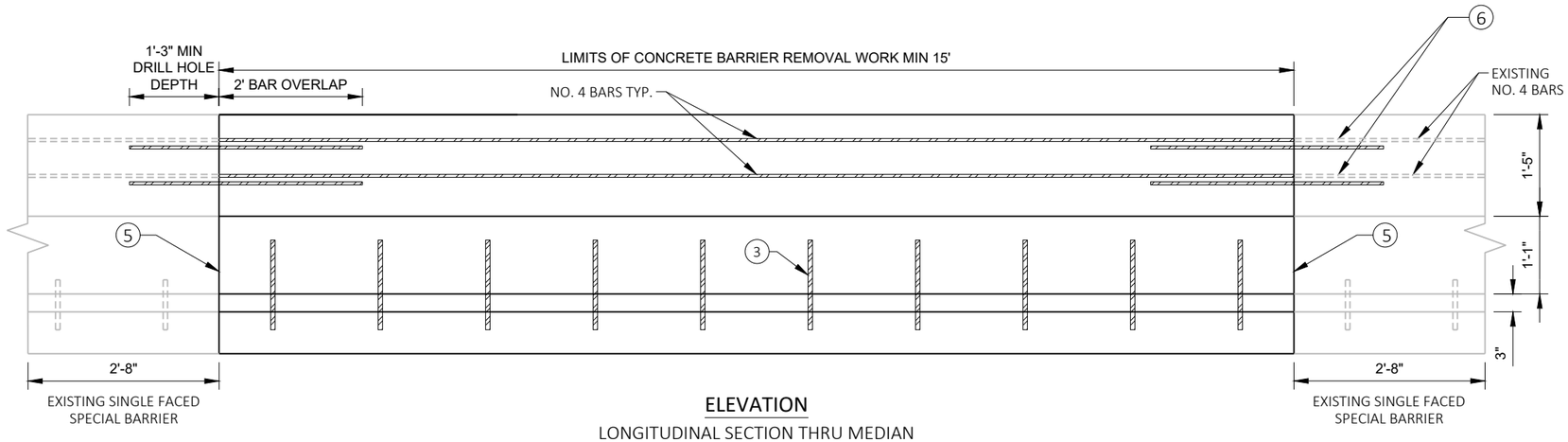
(2) NO. 6 X 1'-6" DEFORMED BARS SPACED 4' C-C TO BE USED ONLY WHEN OPTIONAL CONST. JOINT IS USED. BARS MAY BE INSERTED AFTER CONCRETE IS POURED, TYP.

(3) NO. 6 X 15" BARS AT 1'-6" C-C TO BE USED WHEN OPTIONAL CONSTRUCTION JOINT IS USED. BARS MAY BE PLACED AFTER CONCRETE IS POURED OR IF THE FOOTING IS LEFT IN PLACE
7 1/2" DRILL & EPOXY EMBEDMENT, TYP.

(4) NO. 6 X 12" TIE BAR 6" DRILL MAY BE INSERTED AFTER CONCRETE IS POURED, TYP.

(5) SAW CUT TO PROVIDE STRAIGHT FACE FOR REPLACEMENT OF CONCRETE

(6) NO. 4 TIE BARS ANCHORED WITH MASONRY ANCHORS
TYPE S - ¾", TYP.



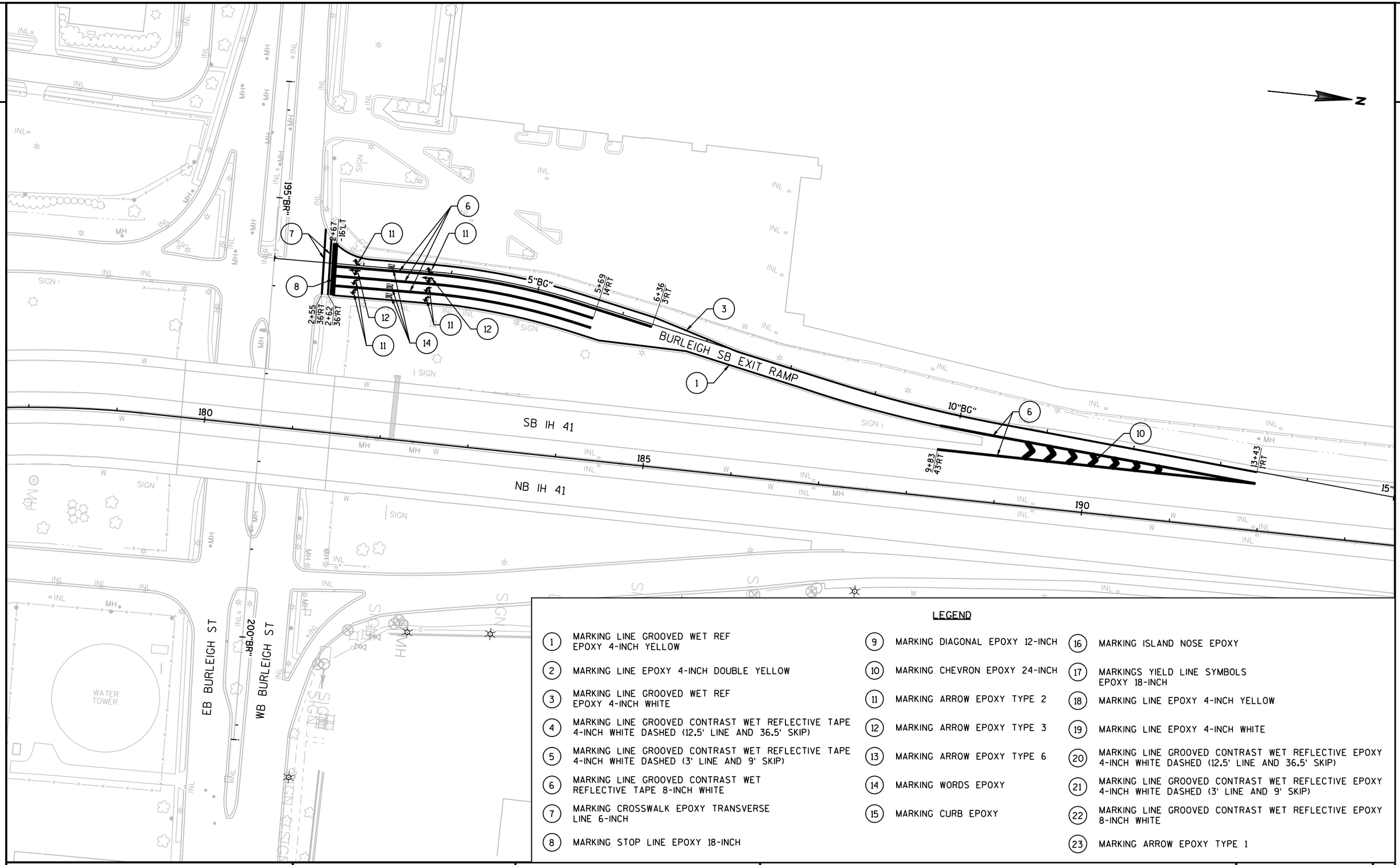
ELEVATION

LONGITUDINAL SECTION THRU MEDIAN

CONCRETE BARRIER SINGLE-FACED 32-INCH, SPECIAL

PROJECT NO: 1100-01-77	HWY: USH 45	COUNTY: MILWAUKEE	CONSTRUCTION DETAIL	SHEET E

2



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
6. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 8-INCH WHITE
7. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
16. MARKING ISLAND NOSE EPOXY
17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
18. MARKING LINE EPOXY 4-INCH YELLOW
19. MARKING LINE EPOXY 4-INCH WHITE
20. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
21. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

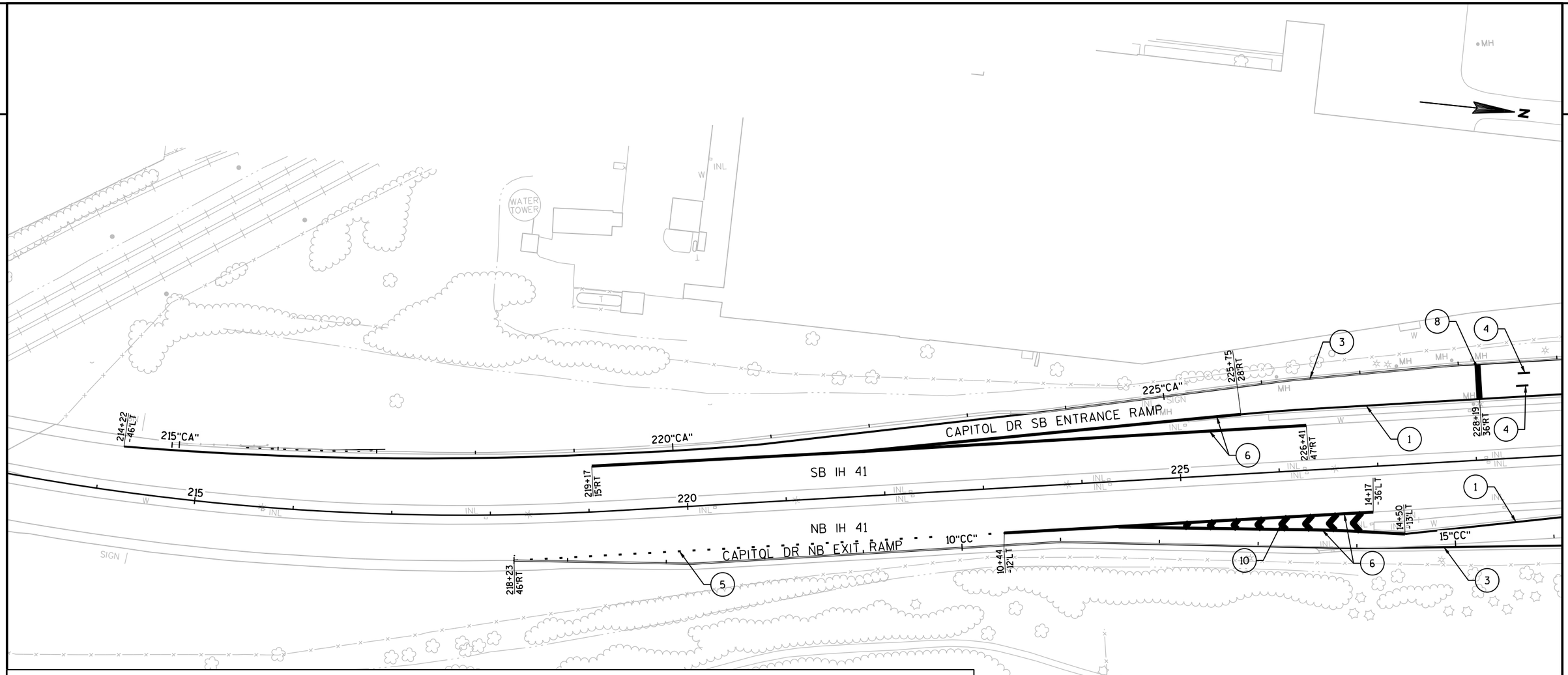
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

PRE_20

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LAYOUT NAME - 024501_pm

PLOT DATE : 5/31/2019 1:38 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
6. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 8-INCH WHITE
7. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
16. MARKING ISLAND NOSE EPOXY
17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
18. MARKING LINE EPOXY 4-INCH YELLOW
19. MARKING LINE EPOXY 4-INCH WHITE
20. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
21. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

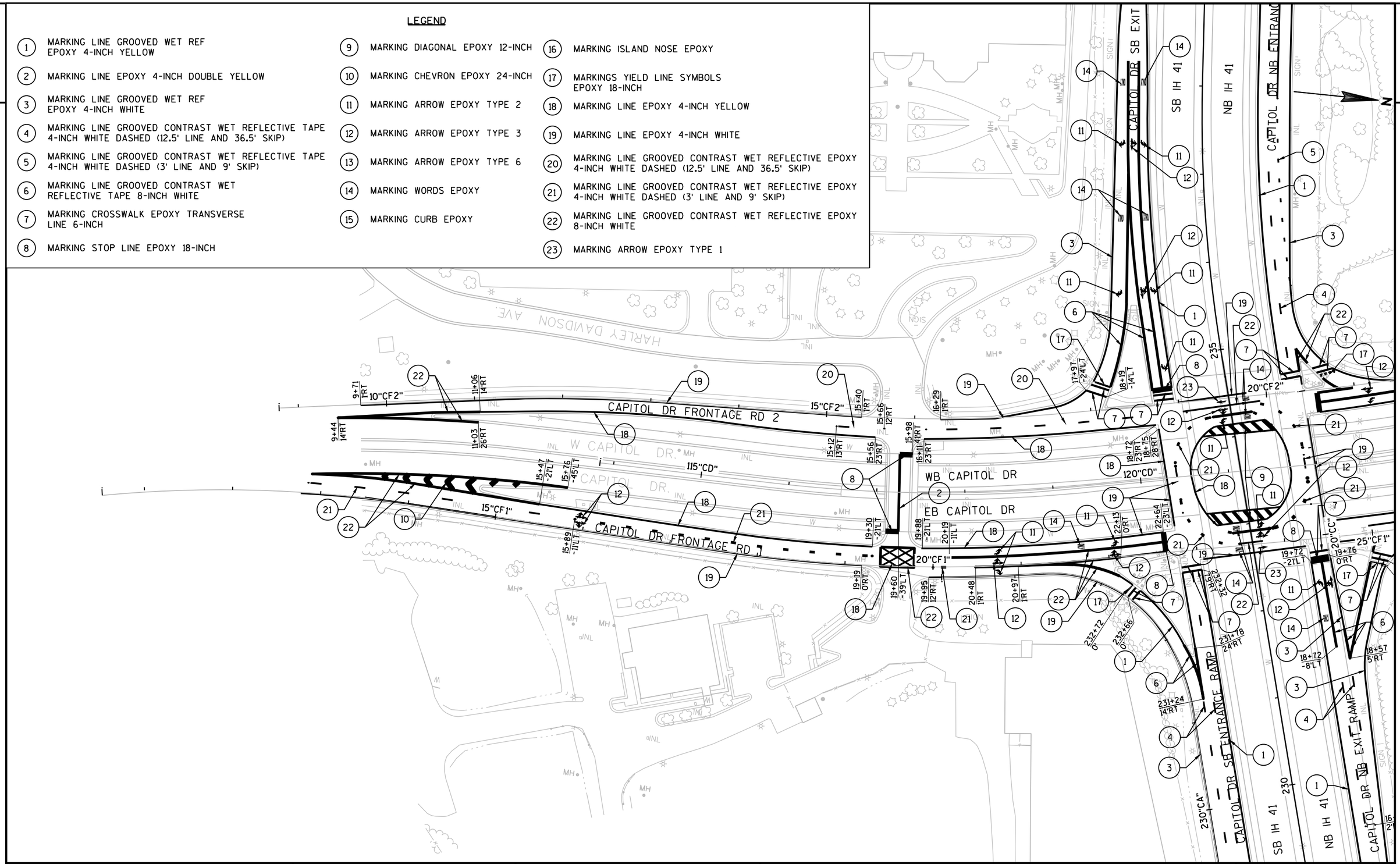
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

PRE_21

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
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7. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
16. MARKING ISLAND NOSE EPOXY
17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
18. MARKING LINE EPOXY 4-INCH YELLOW
19. MARKING LINE EPOXY 4-INCH WHITE
20. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
21. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

PRE_22

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LAYOUT NAME - 024503_pm

PLOT DATE : 5/31/2019 1:39 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

CAPITOL DR FRONTAGE RD 2

25"CF2"

20"CF2"

WB CAPITOL DR

125"CD"

120"CD"

EB CAPITOL DR

30"CF1"

CAPITOL DR FRONTAGE RD 1

20"CC"

25"CF1"

230"CA"

CAPITOL DR SB ENTRANCE RAMP

SB IH 41

NB IH 41

CAPITOL DR NB EXIT RAMP

CEMETERY

GOLF GREEN

MENOMONEE

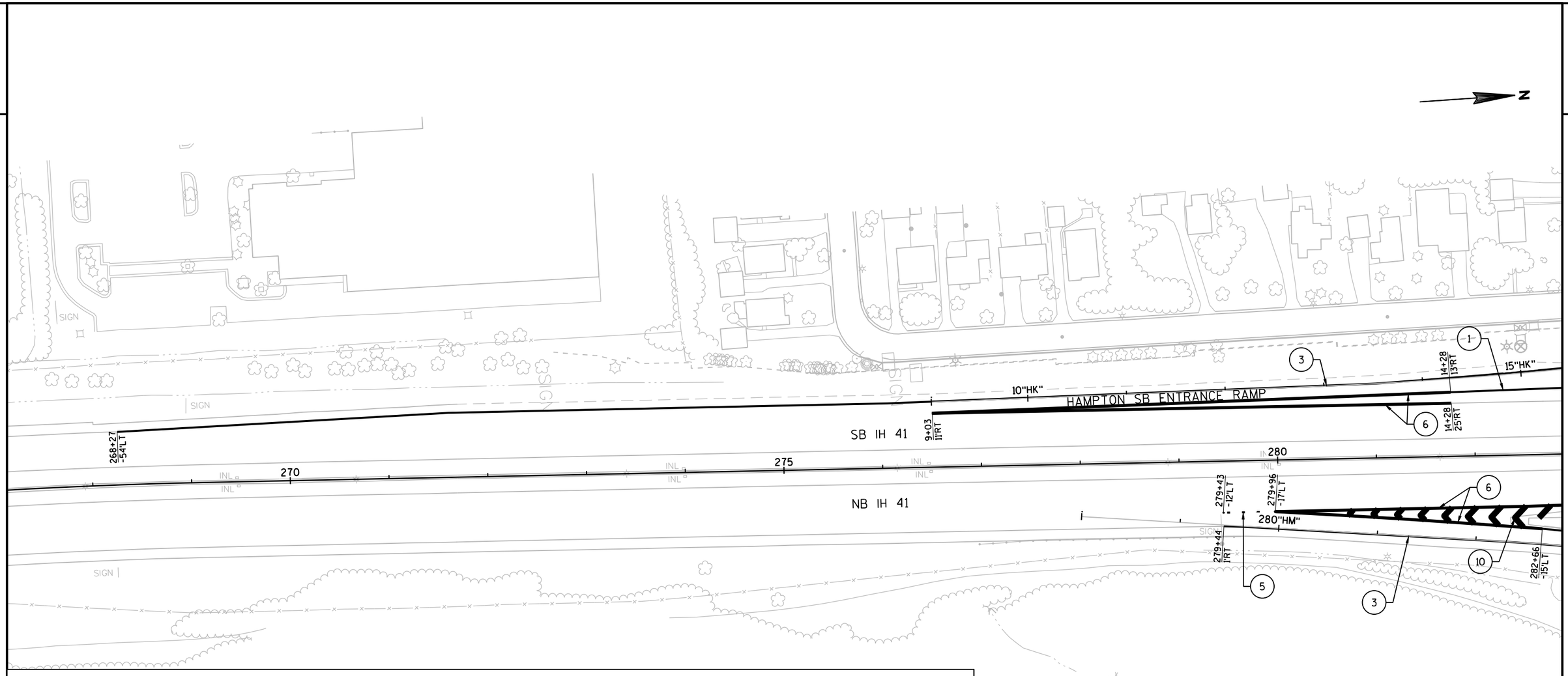
LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
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8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
16. MARKING ISLAND NOSE EPOXY
17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
18. MARKING LINE EPOXY 4-INCH YELLOW
19. MARKING LINE EPOXY 4-INCH WHITE
20. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
21. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

PRE_23

2



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
6. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 8-INCH WHITE
7. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
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17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
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19. MARKING LINE EPOXY 4-INCH WHITE
20. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
21. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

PRE_24

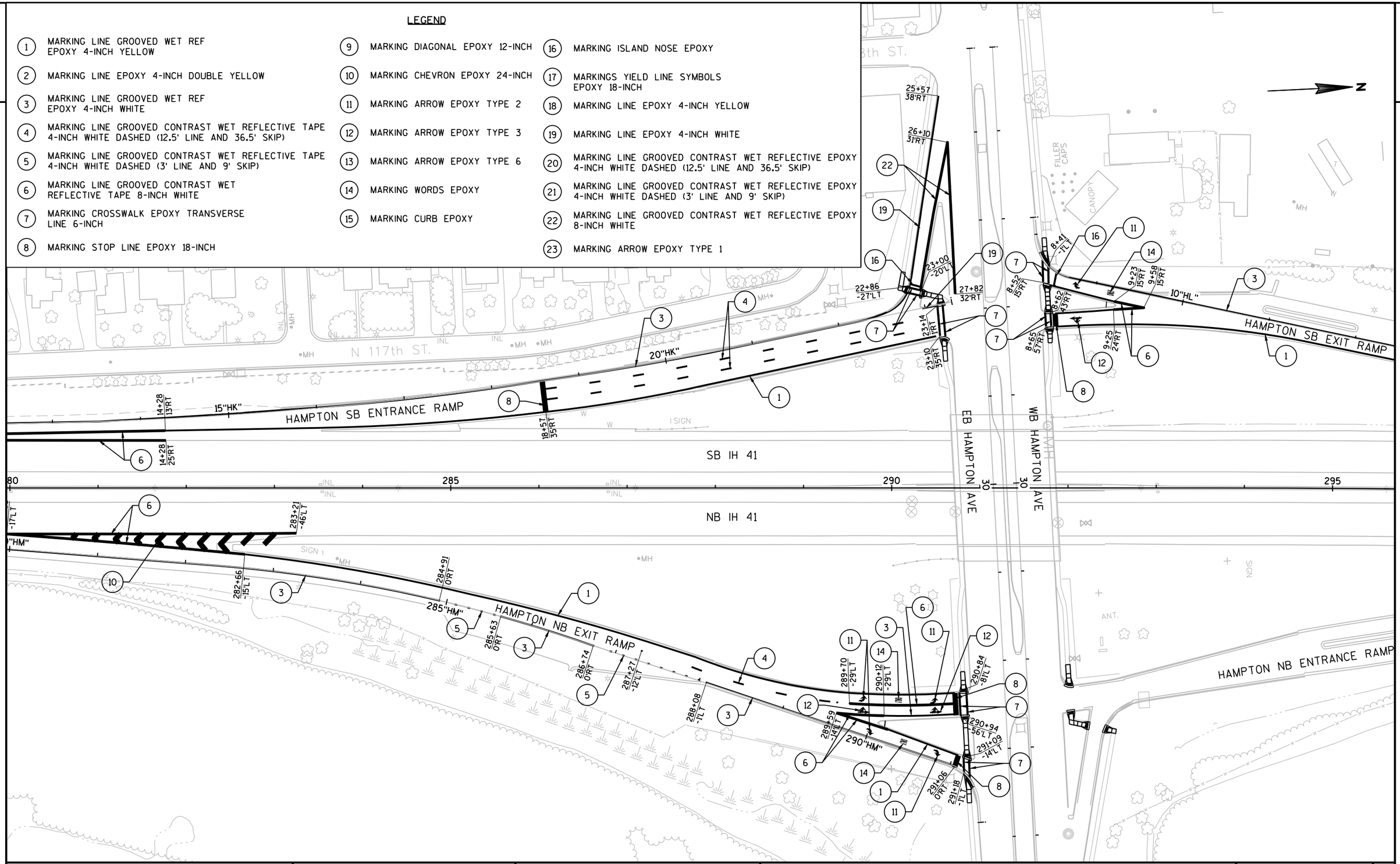
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LAYOUT NAME - 024505_pm

PLOT DATE : 5/31/2019 1:40 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
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8. MARKING STOP LINE EPOXY 18-INCH
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12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
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15. MARKING CURB EPOXY
16. MARKING ISLAND NOSE EPOXY
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22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

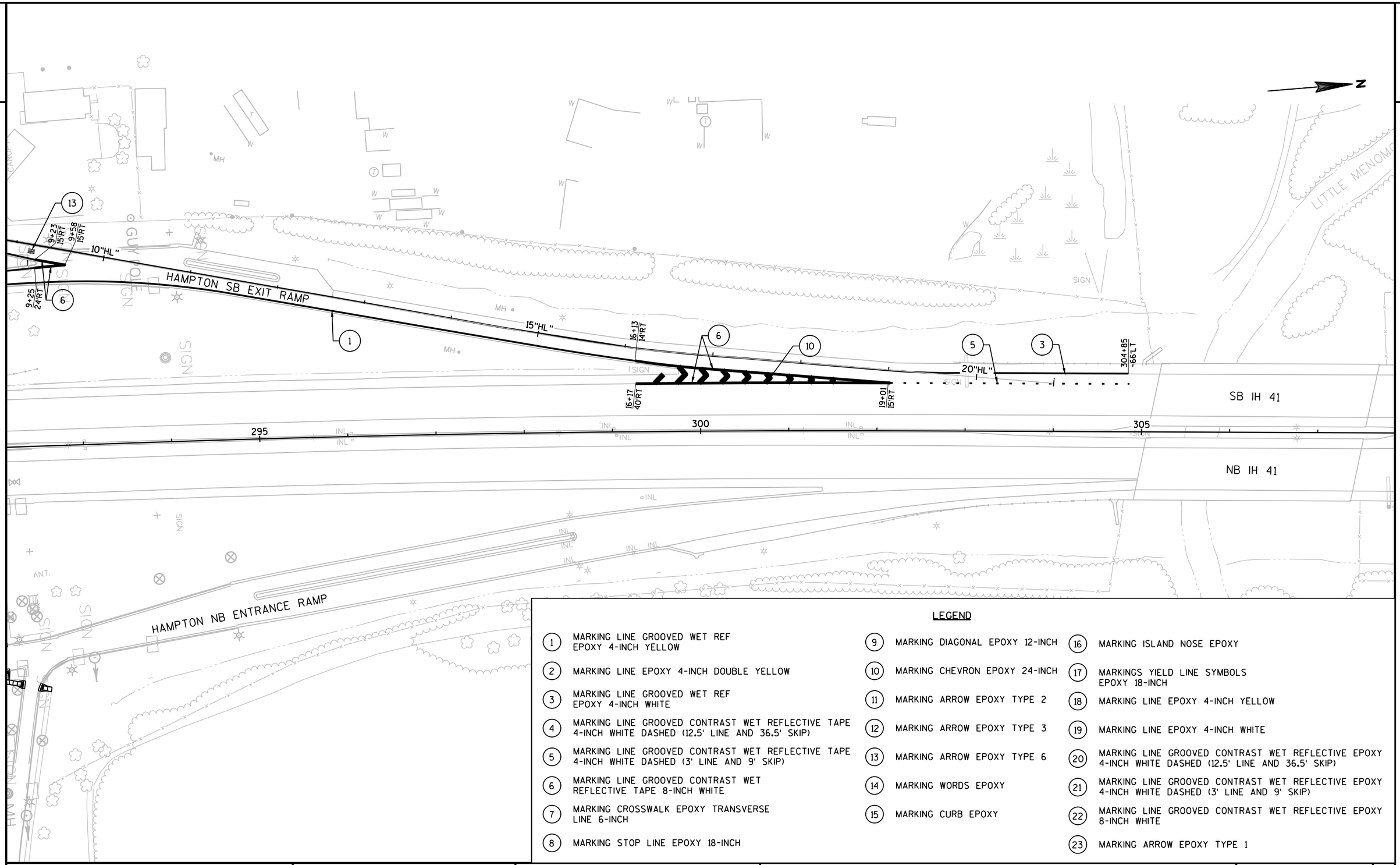
PRE_25

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PLOT DATE : 5/31/2019 1:40 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
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8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
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17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
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19. MARKING LINE EPOXY 4-INCH WHITE
20. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
21. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

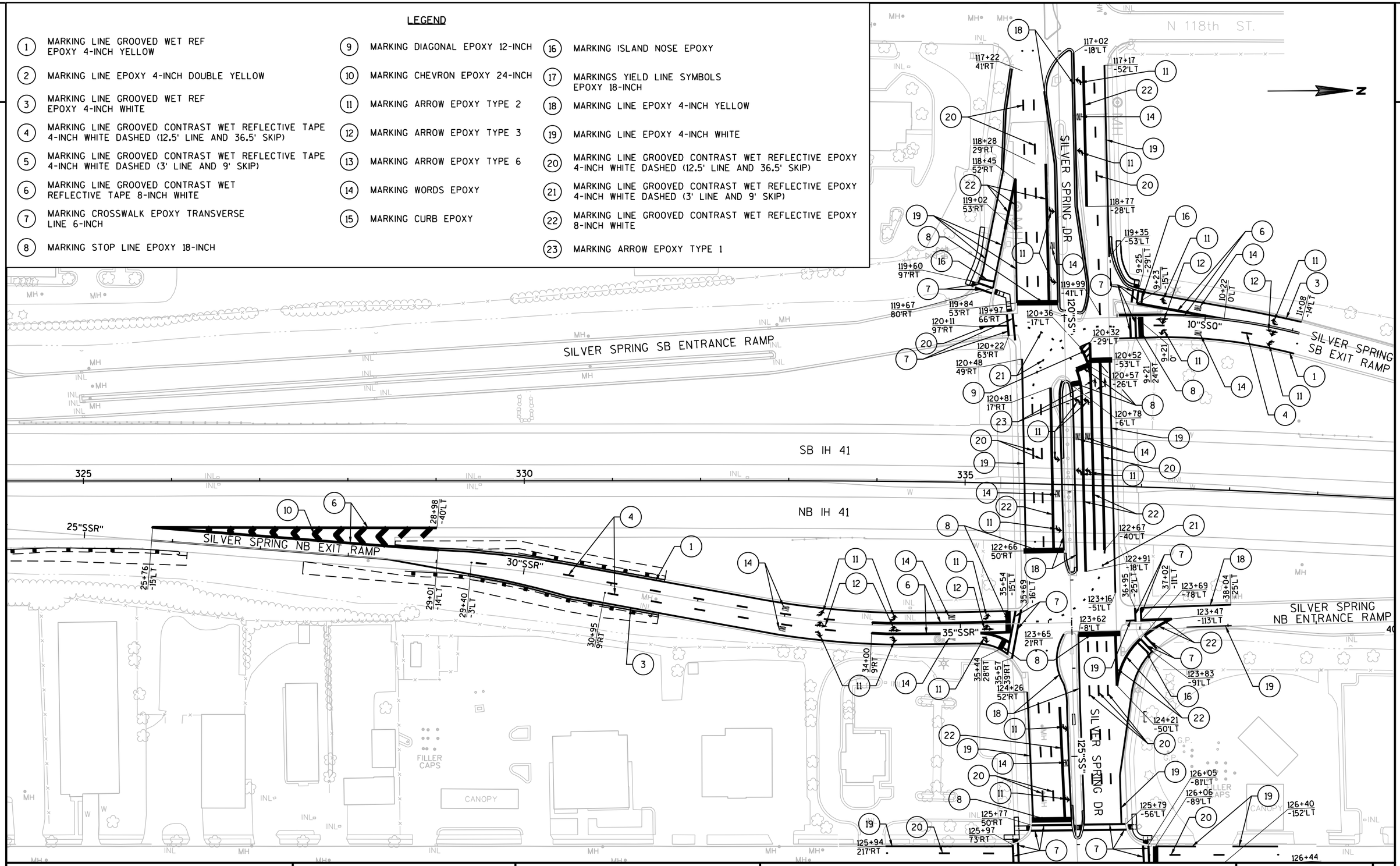
PRE_26

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LAYOUT NAME - 024507_pm
PLOT DATE : 5/31/2019 1:41 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
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8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
16. MARKING ISLAND NOSE EPOXY
17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
18. MARKING LINE EPOXY 4-INCH YELLOW
19. MARKING LINE EPOXY 4-INCH WHITE
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22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1



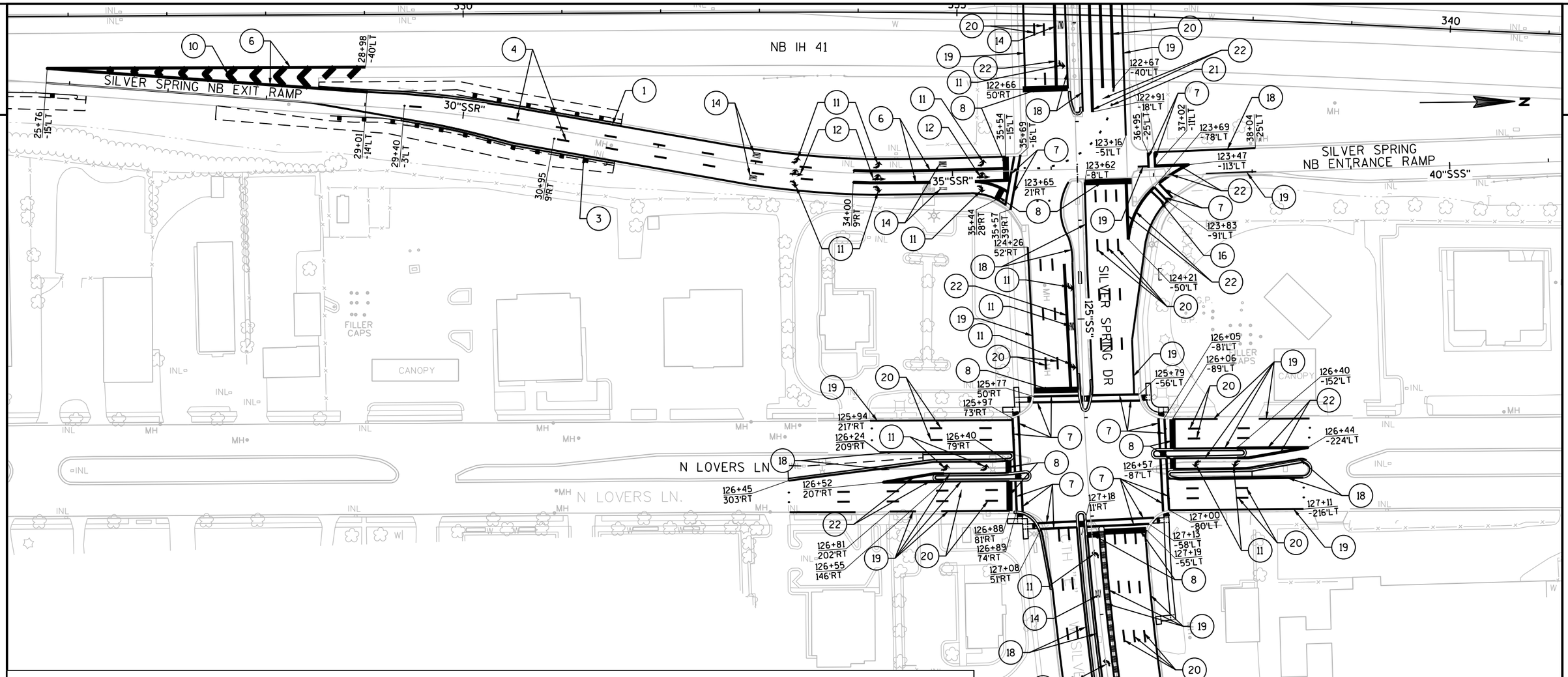
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

PRE_27

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PLOT DATE : 5/31/2019 1:41 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



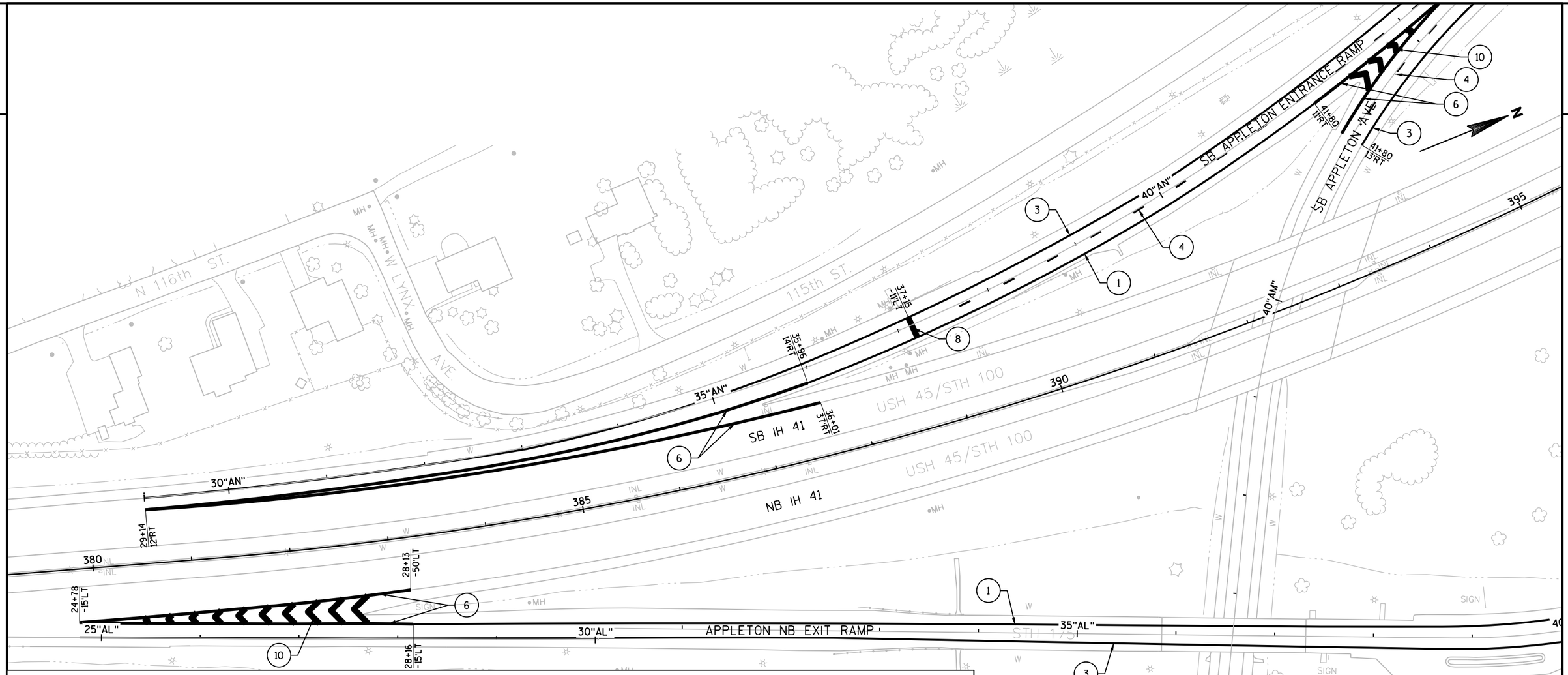
LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
6. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 8-INCH WHITE
7. MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH
8. MARKING STOP LINE EPOXY 18-INCH
9. MARKING DIAGONAL EPOXY 12-INCH
10. MARKING CHEVRON EPOXY 24-INCH
11. MARKING ARROW EPOXY TYPE 2
12. MARKING ARROW EPOXY TYPE 3
13. MARKING ARROW EPOXY TYPE 6
14. MARKING WORDS EPOXY
15. MARKING CURB EPOXY
16. MARKING ISLAND NOSE EPOXY
17. MARKINGS YIELD LINE SYMBOLS EPOXY 18-INCH
18. MARKING LINE EPOXY 4-INCH YELLOW
19. MARKING LINE EPOXY 4-INCH WHITE
20. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
21. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PM.DWG
LAYOUT NAME - 024509_pm
PLOT DATE : 5/31/2019 1:42 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

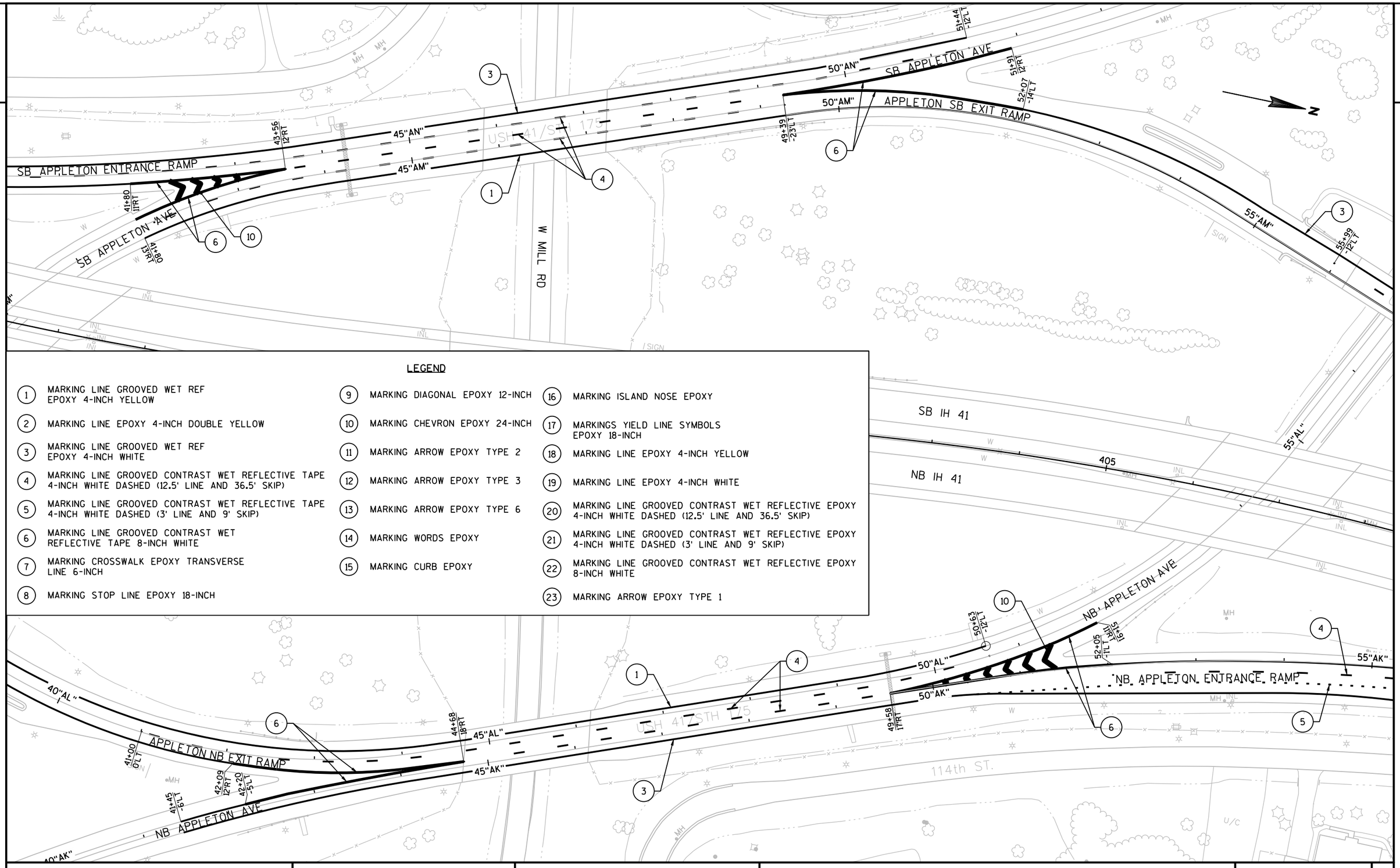


LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
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12. MARKING ARROW EPOXY TYPE 3
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22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PM.DWG
LAYOUT NAME - 024511_pm
PLOT DATE : 5/31/2019 1:43 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN: 100 FT
WISDOT/CADDS SHEET 42



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
5. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (3' LINE AND 9' SKIP)
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22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

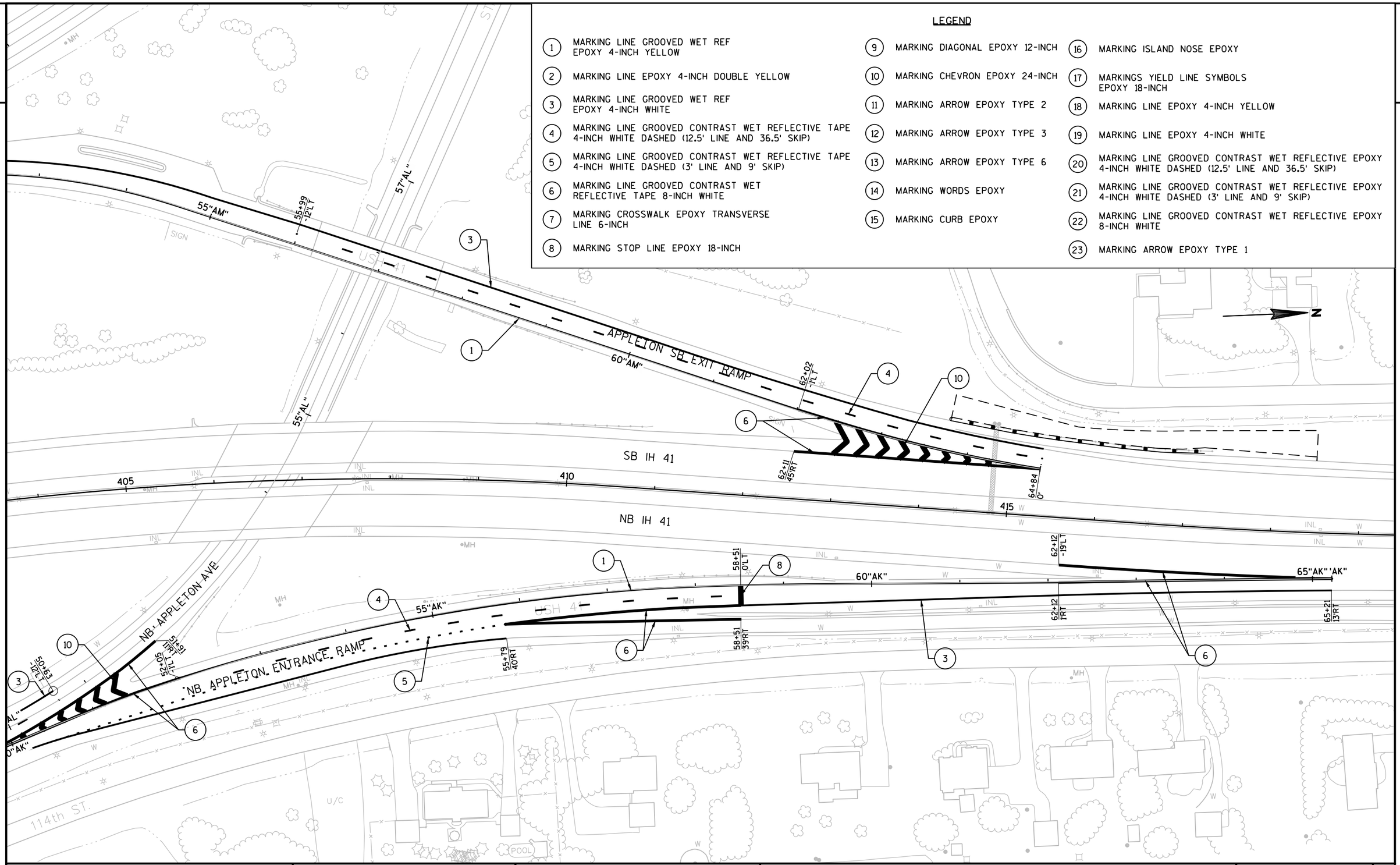
PRE_30

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PM.DWG
LAYOUT NAME - 024512_pm
PLOT DATE : 5/31/2019 1:43 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN: 100 FT
WISDOT/CADDS SHEET 42

2

LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
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22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

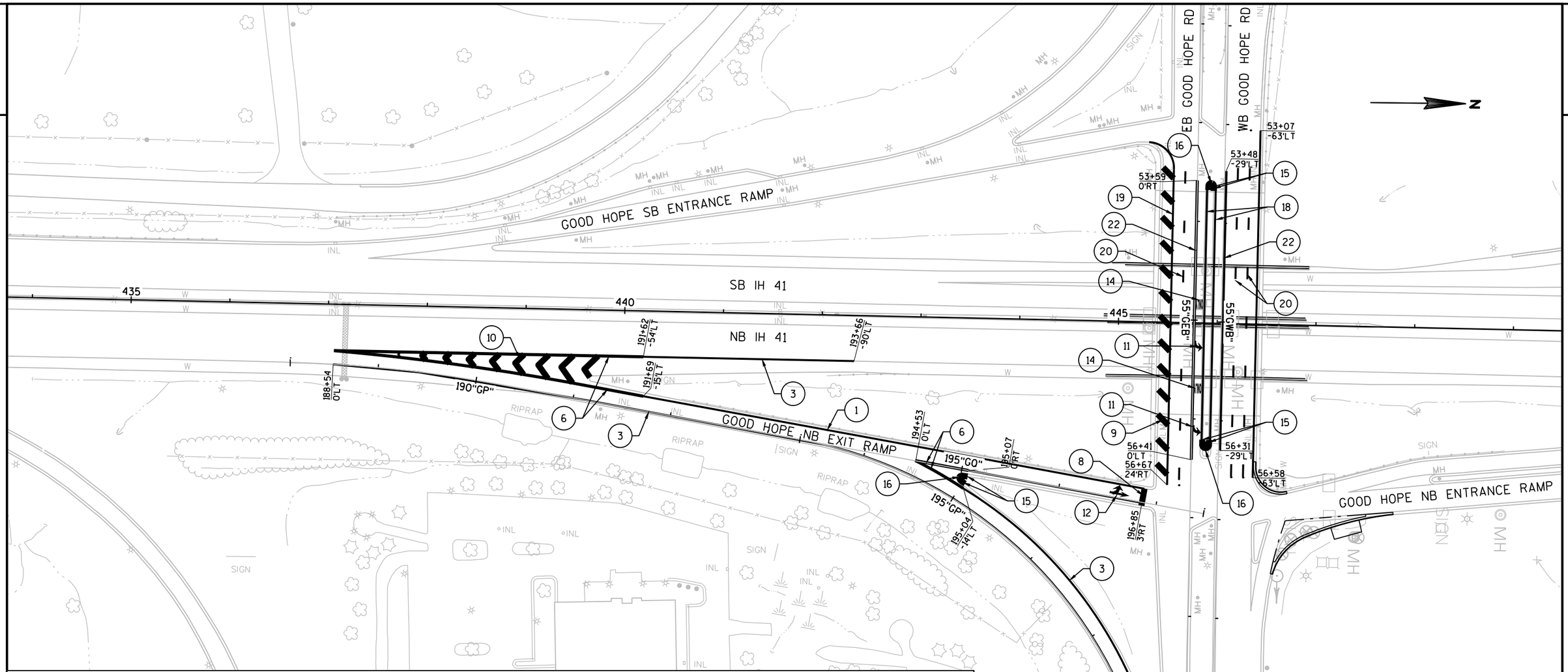
PRE_31

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PM.DWG
LAYOUT NAME - 024513_pm

PLOT DATE : 5/31/2019 1:44 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN: 100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

1. MARKING LINE GROOVED WET REF EPOXY 4-INCH YELLOW
2. MARKING LINE EPOXY 4-INCH DOUBLE YELLOW
3. MARKING LINE GROOVED WET REF EPOXY 4-INCH WHITE
4. MARKING LINE GROOVED CONTRAST WET REFLECTIVE TAPE 4-INCH WHITE DASHED (12.5' LINE AND 36.5' SKIP)
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22. MARKING LINE GROOVED CONTRAST WET REFLECTIVE EPOXY 8-INCH WHITE
23. MARKING ARROW EPOXY TYPE 1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PAVEMENT MARKING	SHEET E

PRE_32

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PM.DWG
LAYOUT NAME - 024514_pm
PLOT DATE : 5/31/2019 1:44 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN: 100 FT
WISDOT/CADDS SHEET 42

2

2

N

CONSTRUCTION
- REHABILITATION OF NORTHBOUND EXIT RAMP, AND SOUTHBOUND RAMPS.

- REHABILITATION OF MID-LEVEL RAMPS AND STRUCTURES.

- PAINTING OF TOP-LEVEL STRUCTURES

TRAFFIC
- TRAFFIC WILL BE DETOURED THROUGH THE BURLEIGH STREET INTERCHANGE, AND THE HAMPTON AVE INTERCHANGE.

BURLEIGH ST

HAMPTON AVE

IH 41

CONSTRUCTION
- REHABILITATION OF SOUTHBOUND EXIT RAMP.

TRAFFIC
- TRAFFIC WILL BE DETOURED THROUGH THE CAPITOL DRIVE INTERCHANGE.

CONSTRUCTION
- REHABILITATION OF NORTHBOUND EXIT RAMP, AND SOUTHBOUND RAMPS.

TRAFFIC
- TRAFFIC WILL BE DETOURED THROUGH THE CAPITOL DRIVE INTERCHANGE AND THE SILVER SPRING DRIVE INTERCHANGE.

CAPITOL DR

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW	SHEET E

PRE_33

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC OVERVIEW.DWG
LAYOUT NAME - 025001_TC OVERVIEW

PLOT DATE : 6/4/2019 7:49 AM

PLOT BY : VINDEDAHL, EMMA M PLOT NAME :

PLOT SCALE : 1 IN:1000 FT

2

N

SILVER SPRING DR

CARMEN AVE

IH 41

FLORIST AVE

MILL RD

USH 41 / STH 175

GOOD HOPE RD

CONSTRUCTION
- BRIDGE WILL BE CLOSED DURING CONSTRUCTION.

TRAFFIC
- THE SIDEWALK ON THE NORTH SIDE OF FLORIST WILL REMAIN OPEN DURING CONSTRUCTION

CONSTRUCTION
- REHABILITATION OF NORTHBOUND EXIT RAMP

TRAFFIC
- RAMPS WILL BE FULLY OR PARTIALLY CLOSED AS NEEDED. TRAFFIC WILL BE DETOURED THROUGH THE APPLETON AVENUE INTERCHANGE.

CONSTRUCTION
- REHABILITATION OF NORTHBOUND EXIT RAMP, PEDESTRIAN IMPROVEMENTS ON SB EXIT RAMP, AND SB RAMPS. MINOR GEOMETRIC IMPROVEMENTS, SIGNAL REPLACEMENT, AND CURB RAMP IMPROVEMENT ON SILVER SPRING DRIVE.

TRAFFIC
- TRAFFIC ON AND OFF THE RAMPS THAT ARE CLOSED WILL BE DETOURED THROUGH THE HAMPTON AVE INTERCHANGE AND THE APPLETON AVENUE INTERCHANGE.

USH 41 / STH 175

CONSTRUCTION
- BRIDGE AND PAVEMENT REHABILITATION ALONG THE APPLETON RAMPS.

TRAFFIC
- TRAFFIC WILL BE DETOURED THROUGH THE GOOD HOPE ROAD INTERCHANGE AND THE SILVER SPRING DRIVE INTERCHANGE.

CONSTRUCTION
- EACH STRUCTURE IS BEING CONSTRUCTED HALF WIDTH.

- OUTSIDE HALF IS BEING CONSTRUCTED FIRST FOR EACH STRUCTURE WHILE TRAFFIC IS ON THE INSIDE.

- INSIDE HALF IS BEING CONSTRUCTED IN THE SECOND STAGE WHILE TRAFFIC IS ON THE OUTSIDE.

TRAFFIC
- ONE LANE OF TRAFFIC WILL BE MAINTAINED IN EACH DIRECTION. TRAFFIC FROM GOOD HOPE ROAD TO THE FREEWAY WILL BE DETOURED.

- RAMPS WILL BE FULLY OR PARTIALLY CLOSED AS NEEDED. TRAFFIC WILL BE DETOURED.

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW	SHEET E

PRE_34

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC OVERVIEW.DWG
LAYOUT NAME - 025002_TC OVERVIEW

PLOT DATE : 6/4/2019 7:49 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- (15) — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

N

END ROAD WORK
G20-2A
48"X24"

500'

LANE CLOSED
R11-2-L
48"X30"

230"CA"

225"CA"

220"CA"

CAPITOL DR SB
ENTRANCE RAMP

50'

IH-41 SB

IH-41 SB

IH-41 NB

IH-41 NB

50'

20"CC"

20"CF1"

25"CF1"

CAPITOL DR NB EXIT RAMP

10"CC"

15"CC"

1500'

1500'

1000'

ROAD WORK AHEAD
W20-1-A
ON RAMP
M4-10
24"X12"

LEFT TWO LANES CLOSED AHEAD
W20-59A
ON RAMP
M4-10
24"X12"

LEFT TWO LANES CLOSED 1000 FT
W20-59C
ON RAMP
M4-10
24"X12"

LANE CLOSED
R11-2-L
48"X30"

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: MAINLINE	SHEET E

PRE_35

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 1.DWG
LAYOUT NAME - 025001_TC

PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

HARLEY ACCESS ROAD

20"CF1"

END ROAD WORK
G20-2A
48"X24"

500'

230"CA"

50'

CAPITOL DR SB
ENTRANCE RAMP

IH-41 SB

IH-41 NB

15"CC"

CAPITOL DR NB EXIT RAMP

50'

LANE CLOSED
R11-2-L
48"X30"

LANE CLOSED
R11-2-L
48"X30"

10"CB"

20"CC"

20"CF2"

25"CF1"

LANE CLOSED
R11-2-L
48"X30"

LANE CLOSED
R11-2-L
48"X30"

50'

15"CB"

CAPITOL DR SB EXIT RAMP

IH-41 SB

IH-41 NB

CAPITOL DR NB
ENTRANCE RAMP

500'

END ROAD WORK
G20-2A
48"X24"

STH 190/W CA

STH 190/W CA

CAPI

25"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: MAINLINE	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 1.DWG
LAYOUT NAME - 025002_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

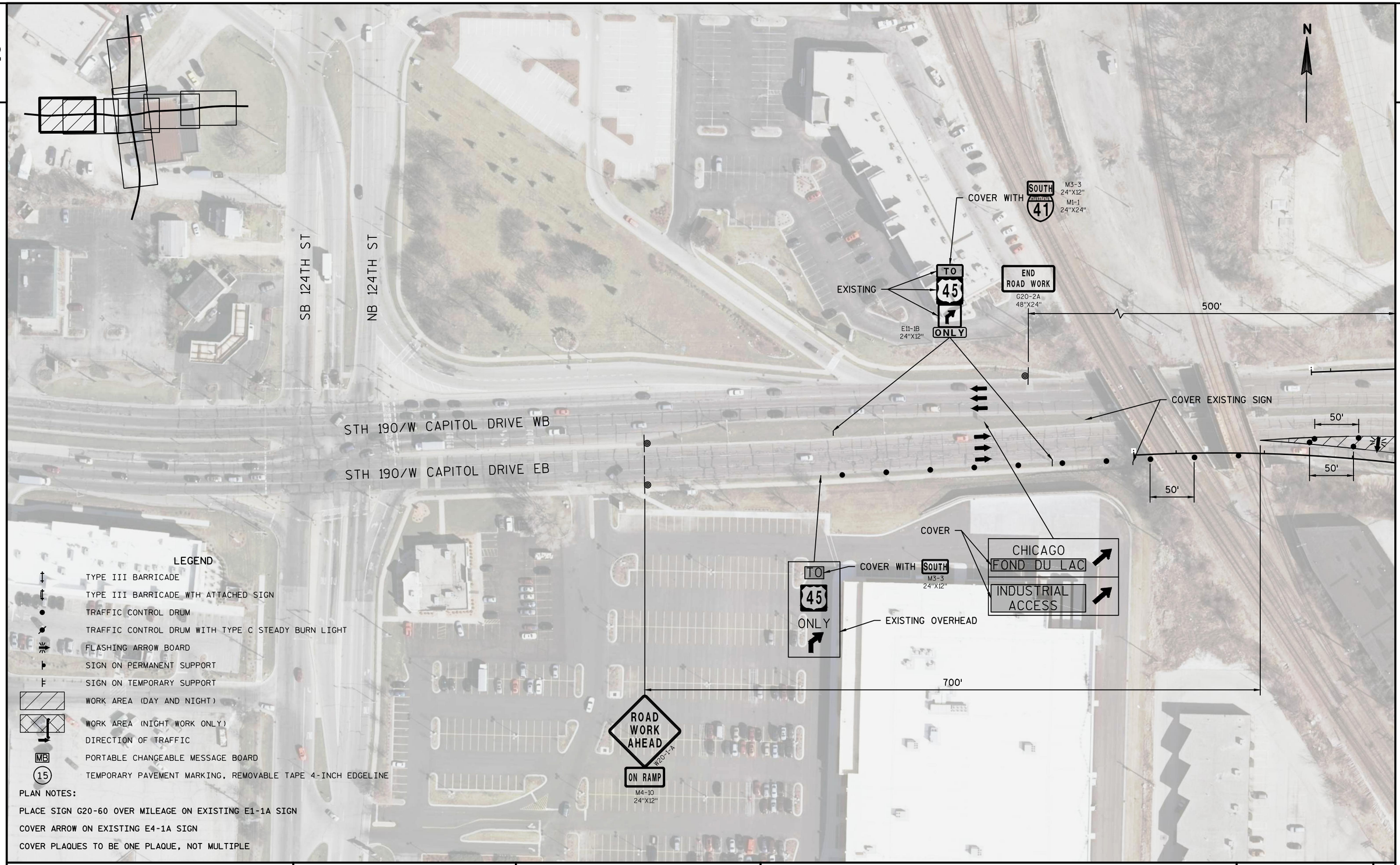
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PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: MAINLINE	SHEET E

PRE_37

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 1.DWG
LAYOUT NAME - 025003_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: W CAPITOL DR	SHEET E

2

N

COVER WITH SOUTH INTERSTATE 41 M3-3 24"X12" M1-1 24"X24"

EXISTING TO 45 ONLY E11-1B 24"X12"

END ROAD WORK G20-2A 48"X24"

500'

COVER EXISTING SIGN

50'

COVER TO 45 ONLY

COVER WITH SOUTH M3-3 24"X12"

EXISTING OVERHEAD

COVER CHICAGO FOND DU LAC INDUSTRIAL ACCESS

700'

ROAD WORK AHEAD W20-1-A

ON RAMP M4-10 24"X12"

COVER WITH SOUTH INTERSTATE 41 M3-3 24"X12" M1-1 24"X24"

EXISTING TO 45 ONLY E11-1B 24"X12"

ROAD CLOSED R11-2 48"X30"

LANE CLOSED R11-2-L 48"X30"

HARLEY ACCESS ROAD

10"CF2"

CAPITOL FRONTAGE RD 2

15"CF2"

50'

STH 190/W CAPITOL DRIVE WB

STH 190/W CAPITOL DRIVE EB

50'

15"CF1"

CAPITOL FRONTAGE RD 1

20"CF

LANE CLOSED R11-2-L 48"X30"

ROAD CLOSED R11-2 48"X30"

LANE CLOSED R11-2-L 48"X30"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- 15 TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: W CAPITOL DR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 1.DWG
LAYOUT NAME - 025005_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

COVER THIS PORTION

EXISTING

SOUTH 41 45 USE LEFT LANE

NORTH 41 45

HARLEY ACCESS ROAD

CAPITOL DR SB EXIT RAMP

IH-41 SB

IH-41 NB

CAPITOL DR NB ENTRANCE RAMP

LANE CLOSED R11-2-L 48"X30"

ROAD CLOSED R11-2 48"X30"

RAMP CLOSED R11-2-R 48"X30"

SIDEWALK CLOSED R9-9 24"X12"

15"CF2"

10"CB"

20"CF2"

25"CF2"

CAPITOL FRONTAGE RD 2

STH 190/W CAPITOL DRIVE WB

STH 190/W CAPITOL DRIVE EB

50'

30"CF1"

CAPITOL FRONTAGE RD 1

20"CF1"

20"CC"

25"CF1"

PAINTING CAN TAKE PLACE DURING THE DAY OR NIGHT

CAPITOL DR SB ENTRANCE RAMP

230"CA"

CAPITOL DR NB EXIT RAMP

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

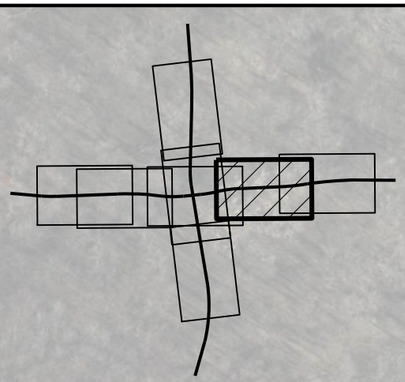
COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: W CAPITOL DR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 1.DWG
LAYOUT NAME - 025006_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



N

500'

1000'

COVER THIS PORTION

SOUTH NORTH

EXISTING

USE LEFT LANE

COVER EXISTING EXIT SIGN

50'

25"CF2" CAPITOL FRONTAGE RD 2

15

STH 190/W CAPITOL DRIVE WB

LANE CLOSED

R11-2-L
48"X30"

50'

STH 190/W CAPITOL DRIVE EB

30"CF1"

CAPITOL FRONTAGE RD 1

LANE CLOSED

R11-2-L
48"X30"

500'

END ROAD WORK

G20-2A
48"X24"

COVER WITH NORTH M3-1 24"X12"

TO

EXISTING

TO

EXISTING

50'

COVER

CHICAGO
FOND DU LAC

INDUSTRIAL ACCESS

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- 15 TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: W CAPITOL DR	SHEET E

PRE_41

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 1.DWG
LAYOUT NAME - 025007_TC

PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 1: W CAPITOL DR	SHEET E

2

2

LEGEND

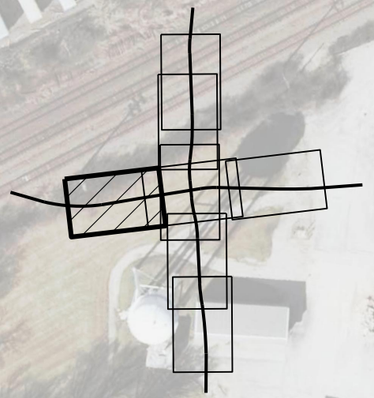
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- (15) — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

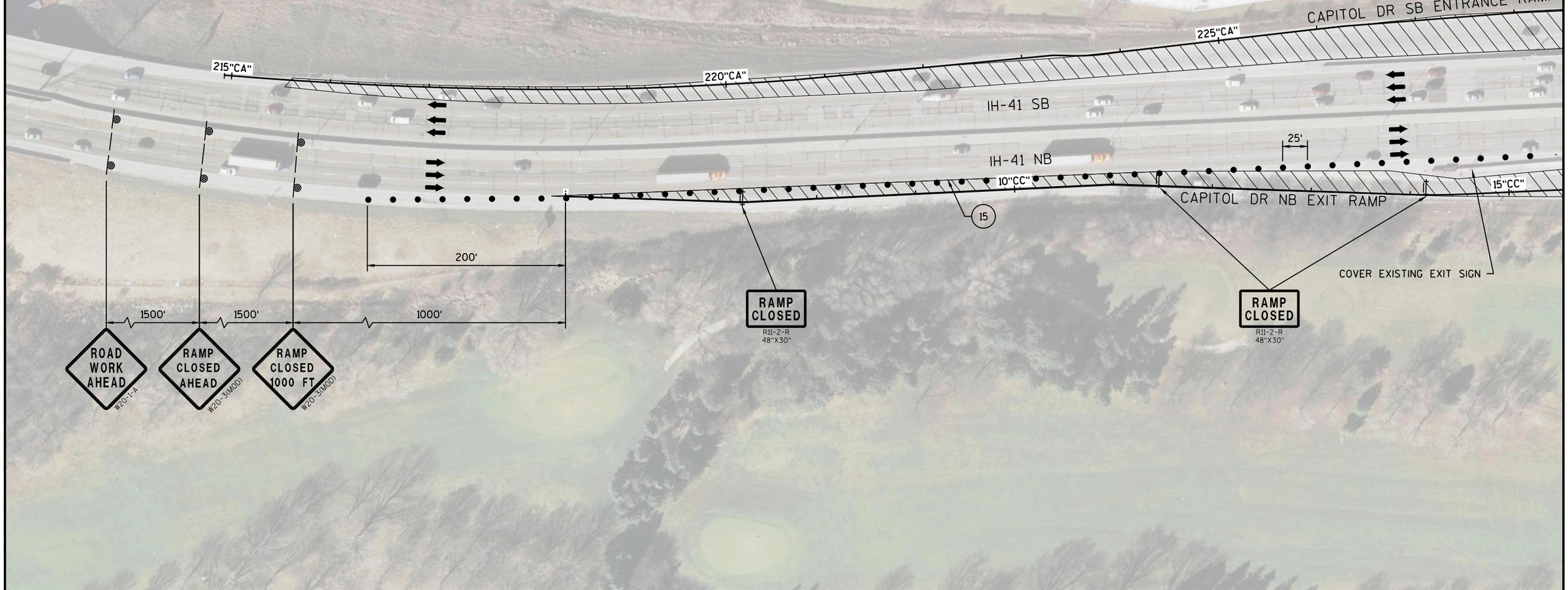
PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE





PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: MAINLINE	SHEET E

PRE_43

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 2.DWG
LAYOUT NAME - 025001_TC

PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

HARLEY ACCESS ROAD

N

RAMP CLOSED
R11-2-R
48"X30"

LANE CLOSED
R11-2-L
48"X30"

RAMP CLOSED
R11-2-R
48"X30"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

RAMP CLOSED
R11-2-R
48"X30"

20"CF1"

CAPITOL DR SB ENTRANCE RAMP

230"CA"

10"CB"

CAPITOL DR SB EXIT RAMP

15"CB"

IH-41 SB

IH-41 SB

LANE CLOSED
R11-2-L
48"X30"

LANE CLOSED
R11-2-L
48"X30"

100'

25'

IH-41 NB

IH-41 NB

25'

100'

20"CC"

20"CF2"

15"CC"

CAPITOL DR NB EXIT RAMP

CAPITOL DR NB ENTRANCE RAMP

COVER EXISTING EXIT SIGN

LANE CLOSED
R11-2-L
48"X30"

LANE CLOSED
R11-2-L
48"X30"

25"CF1"

RAMP CLOSED
R11-2-R
48"X30"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

CAPITOL FRONTAGE RD 1

CAPITOL FRONTAGE RD 2

STH 190/W CA

STH 190/W CAP

25"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- (15) — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

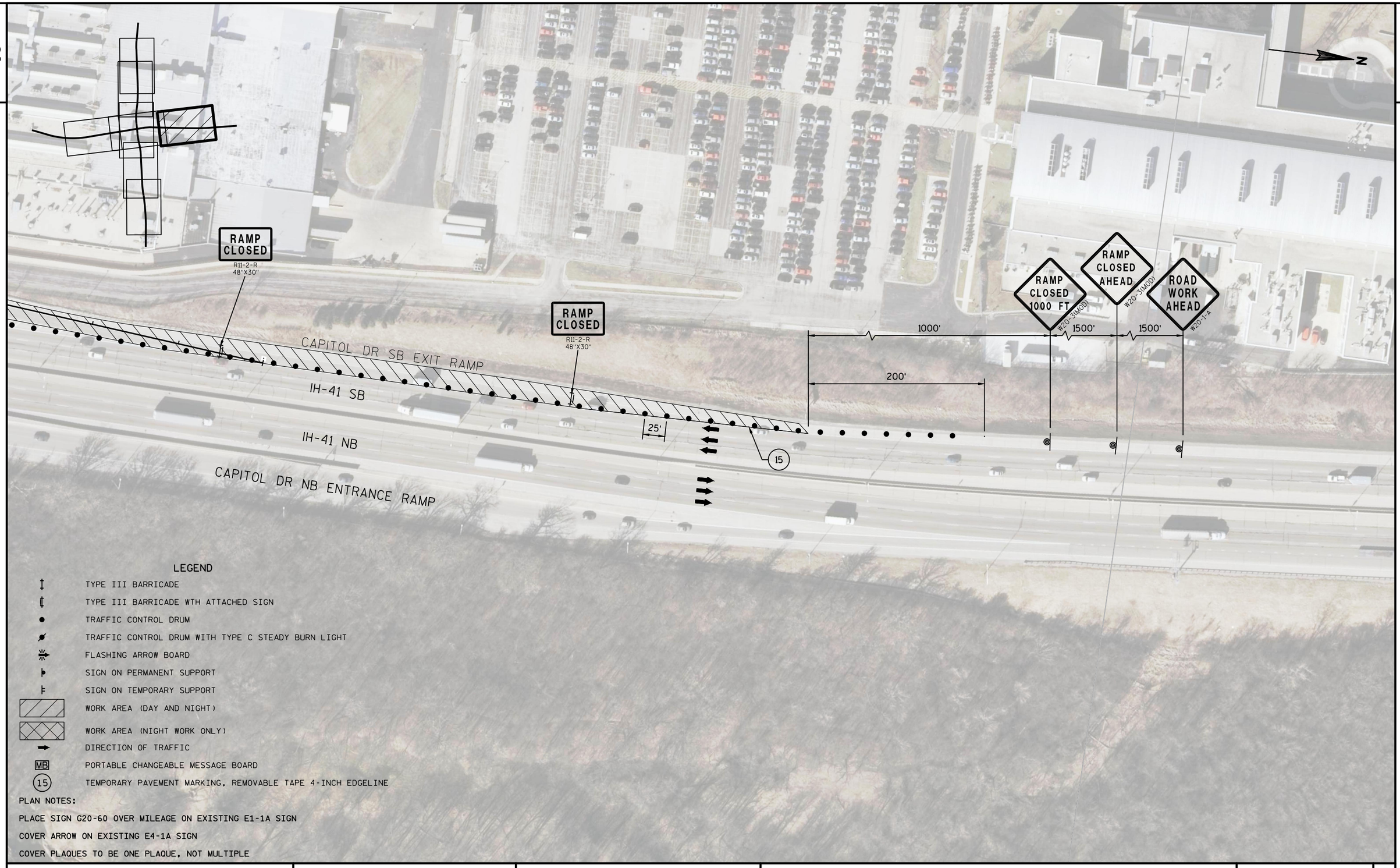
COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: MAINLINE	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 2.DWG
LAYOUT NAME - 025002_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

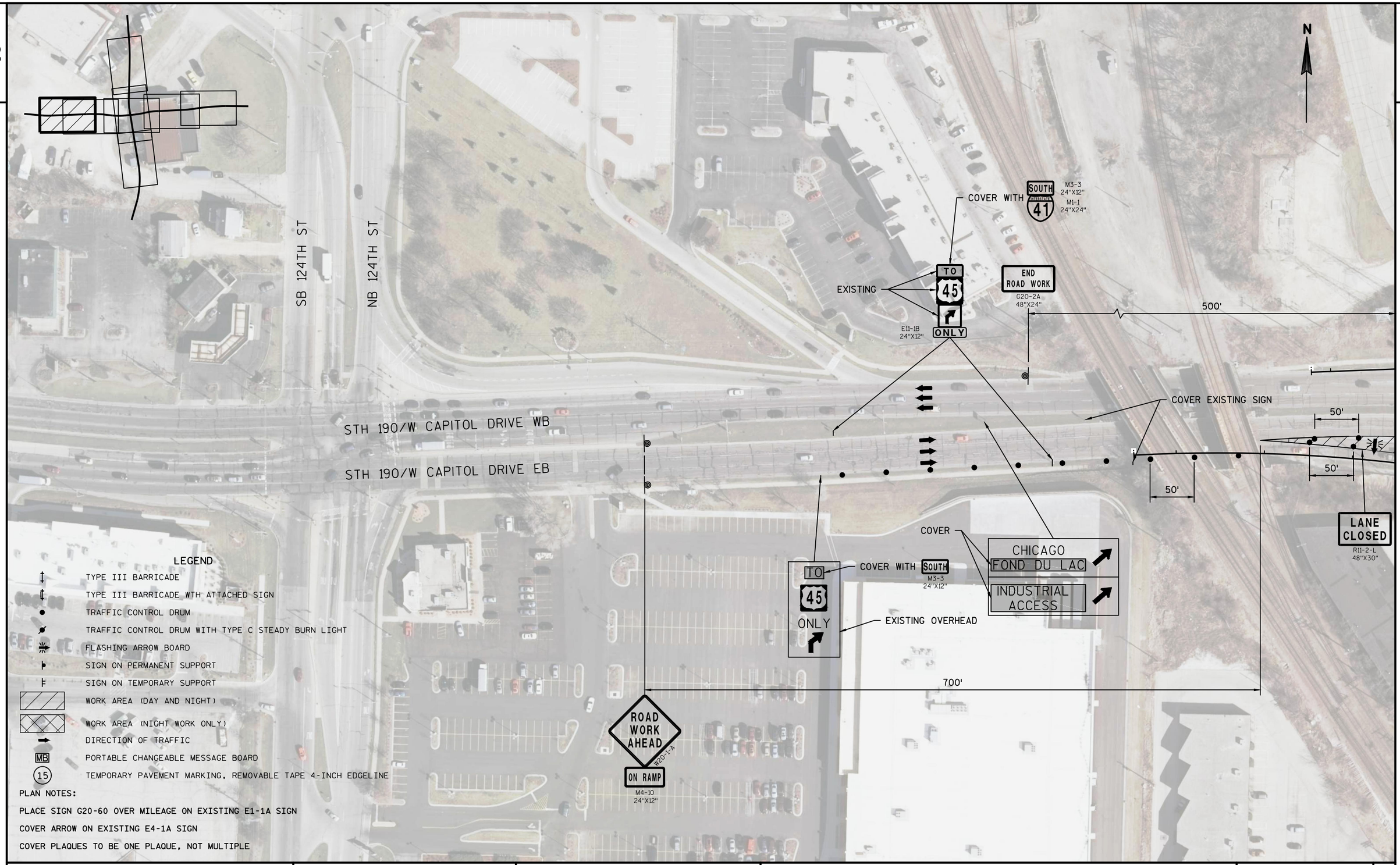
COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: MAINLINE	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 2.DWG
LAYOUT NAME - 025003_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: W CAPITOL DR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 2.DWG
LAYOUT NAME - 025004_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

COVER WITH SOUTH 41 M3-3 24"X12" M1-1 24"X24"

EXISTING TO 45 ONLY E11-1B 24"X12"

END ROAD WORK G20-2A 48"X24"

500'

COVER EXISTING SIGN

50'

50'

50'

700'

COVER TO 45 ONLY

COVER WITH SOUTH M3-3 24"X12"

CHICAGO FOND DU LAC

INDUSTRIAL ACCESS

EXISTING OVERHEAD

ROAD WORK AHEAD W20-1-A

ON RAMP M4-10 24"X12"

COVER WITH SOUTH 41 M3-3 24"X12" M1-1 24"X24"

EXISTING TO 45 ONLY E11-1B 24"X12"

10"CF2"

CAPITOL FRONTAGE RD 2

15"CF2"

50'

STH 190/W CAPITOL DRIVE WB

STH 190/W CAPITOL DRIVE EB

15"CF1"

LANE CLOSED R11-2-L 48"X30"

CAPITOL FRONTAGE RD 1

20"CF

ROAD CLOSED R11-2 48"X30"

RAMP CLOSED R11-2-R 48"X30"

ROAD CLOSED R11-2 48"X30"

LANE CLOSED R11-2-L 48"X30"

HARLEY ACCESS ROAD

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD
- 15 TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

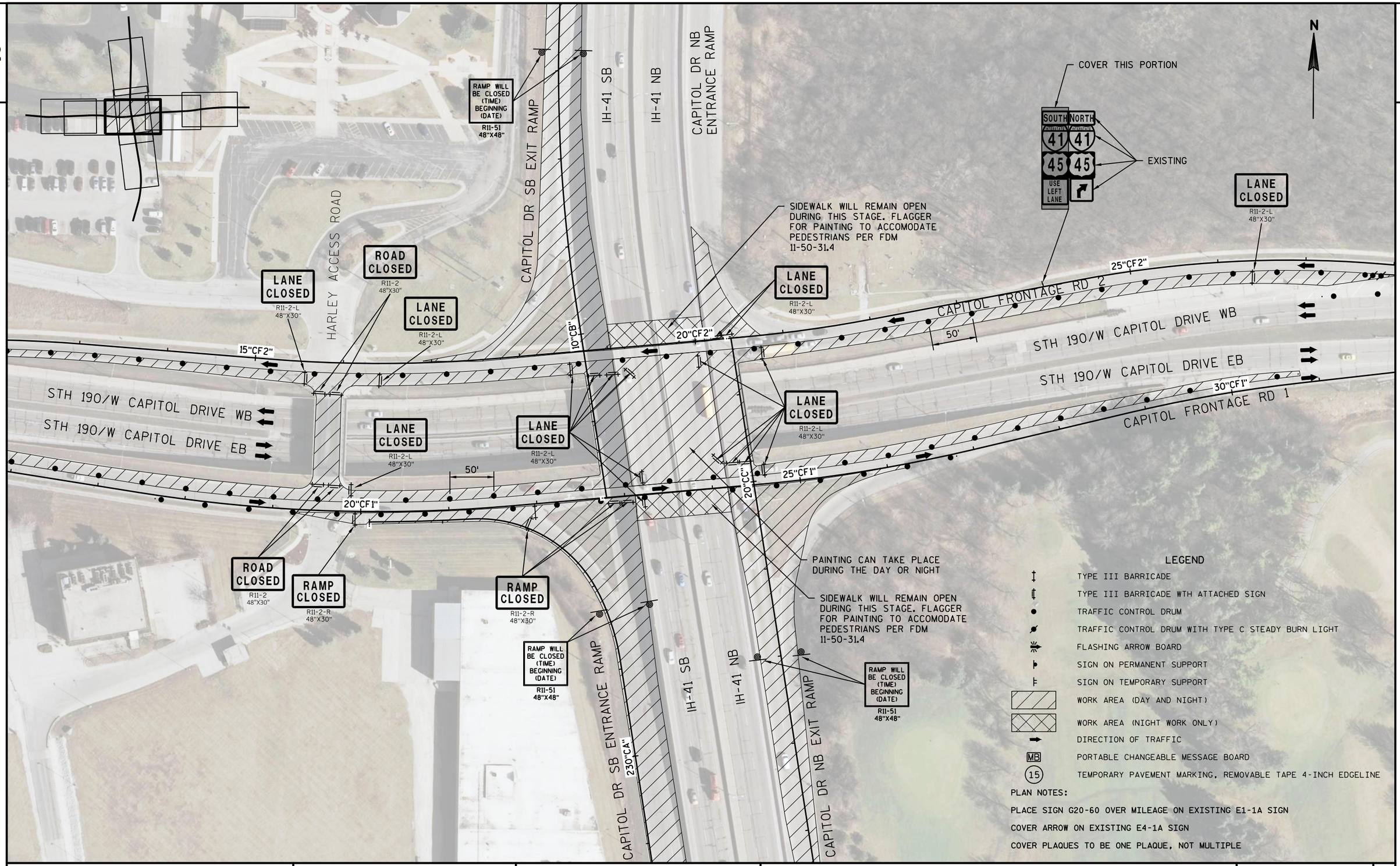
COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: W CAPITOL DR	SHEET E

PRE_47

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 2.DWG
LAYOUT NAME - 025005_TC

PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

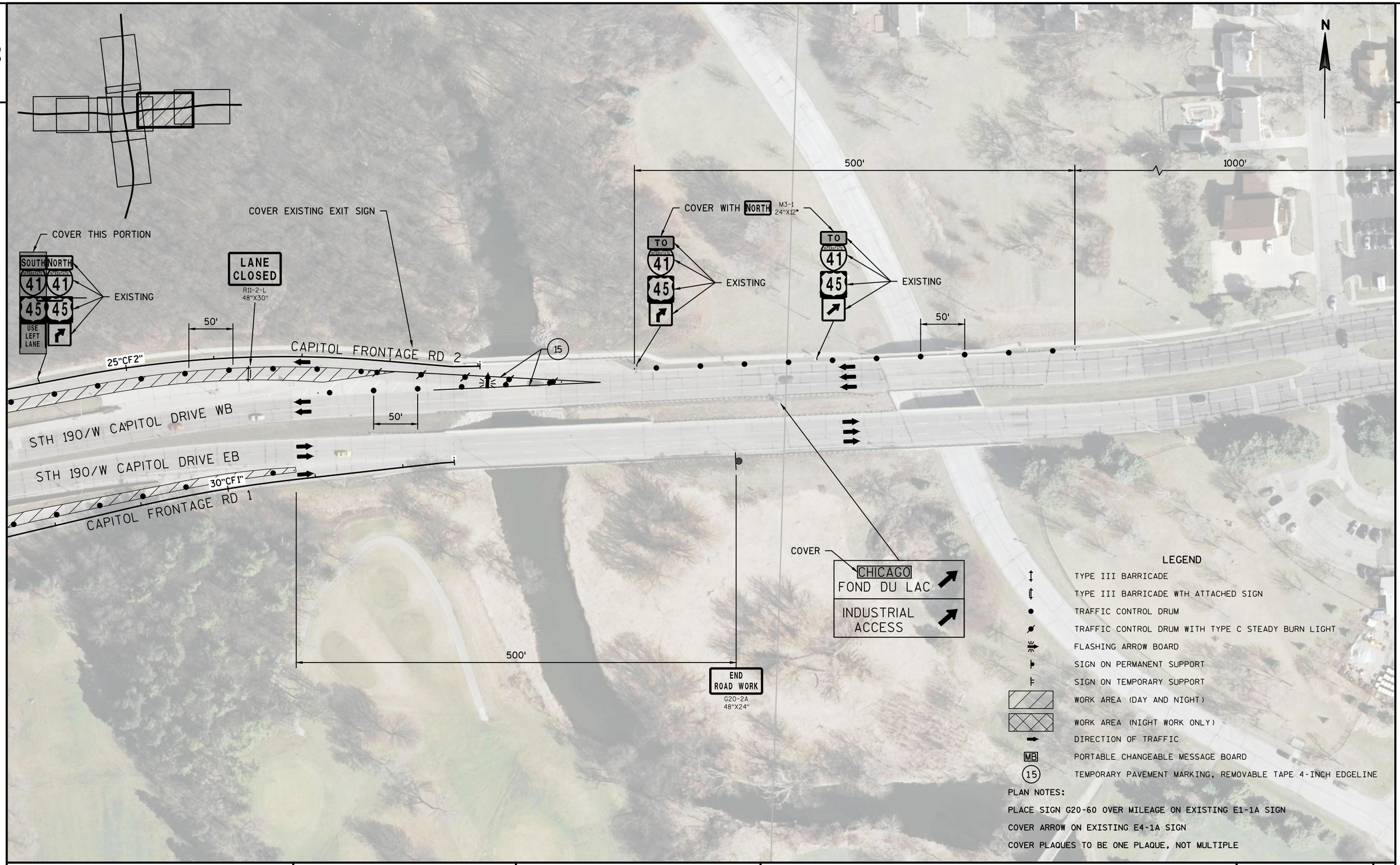


PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: W CAPITOL DR	SHEET E

PRE_48

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 2.DWG
LAYOUT NAME - 025006_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: W CAPITOL DR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 2.DWG
LAYOUT NAME - 025007_TC
PLOT DATE : 6/4/2019 11:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 2: W CAPITOL DR	SHEET E

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT WORK)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

N

END ROAD WORK
G20-2A
48"X24"

500'

215"CA"

220"CA"

225"CA"

CAPITOL DR SB ENTRANCE RAMP

IH-41 SB

15

IH-41 NB

10"CC"

15"CC"

25'

CAPITOL DR NB EXIT RAMP

COVER EXISTING EXIT SIGN

200'

1500'

1500'

1000'

ROAD WORK AHEAD
W20-1-A

RAMP CLOSED AHEAD
W20-3(MOD)

RAMP CLOSED 1000 FT
W20-3(MOD)

RAMP CLOSED
R11-2-R
48"X30"

RAMP CLOSED
R11-2-R
48"X30"

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: MAINLINE	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 3.DWG
LAYOUT NAME - 025001_TC

PLOT DATE : 6/4/2019 11:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

HARLEY ACCESS ROAD

20"CF1"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

CAPITOL DR SB ENTRANCE RAMP

230"CA"

IH-41 SB

IH-41 NB

COVER EXISTING EXIT SIGN

15"CC"

CAPITOL DR NB EXIT RAMP

RAMP CLOSED
R11-2-R
48"X30"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

20"CC"

25"CF1"

CAPITOL DR FRONTAGE RD 1

STH 190/W CA

10"CB"

CAPITOL DR SB EXIT RAMP

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

RAMP CLOSED
R11-2-R
48"X30"

15"CB"

IH-41 SB

IH-41 NB

20"CF2"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

CAPITOL DR NB ENTRANCE RAMP

CAPITOL DR FRONTAGE RD 2

STH 190/W CAP

25"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT WORK)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- (15) — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

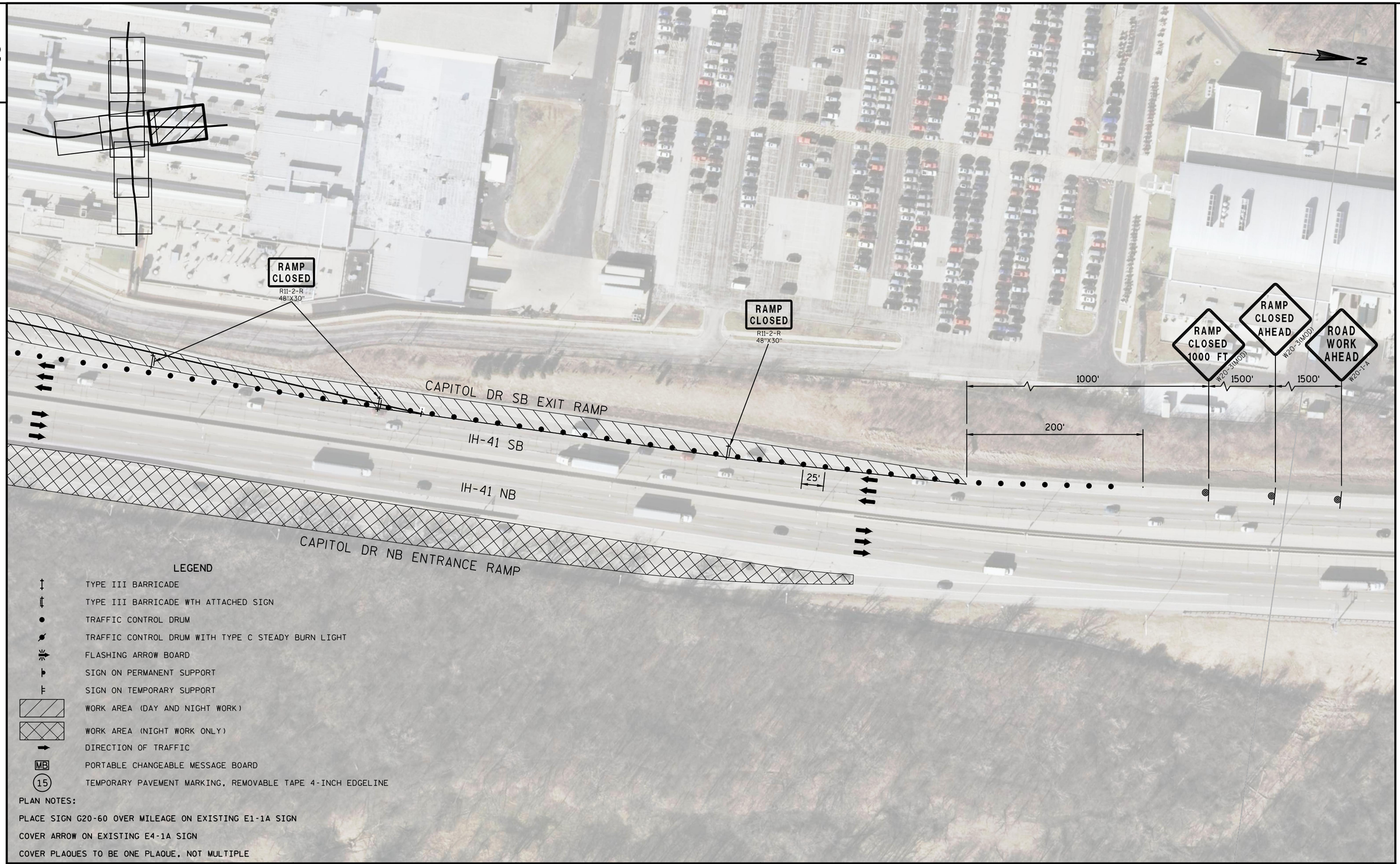
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: MAINLINE	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 3.DWG
LAYOUT NAME - 025002_TC

PLOT DATE : 6/4/2019 11:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT WORK)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

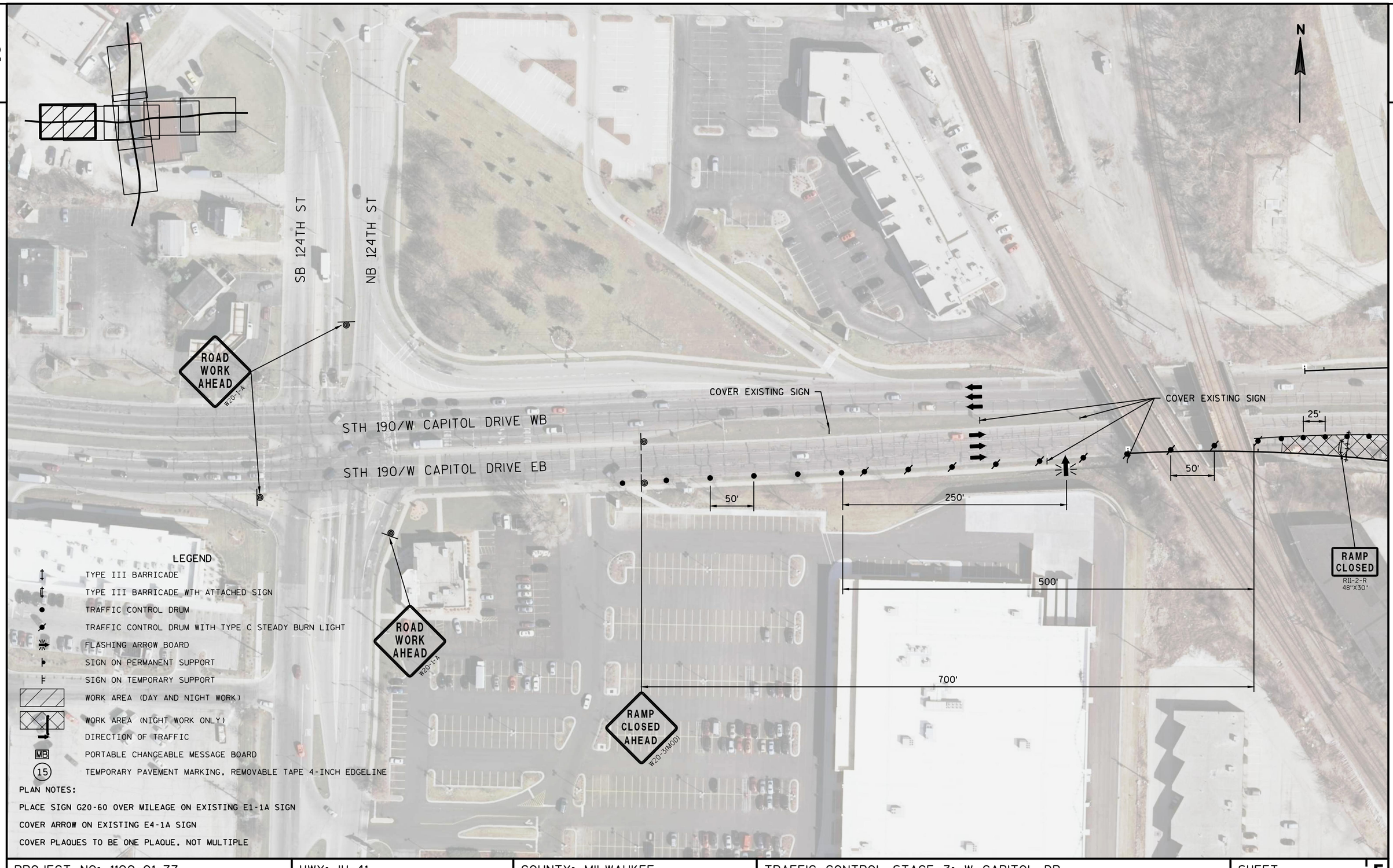
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: MAINLINE	SHEET E

PRE_53

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 3.DWG
LAYOUT NAME - 025003_TC

PLOT DATE : 6/4/2019 11:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

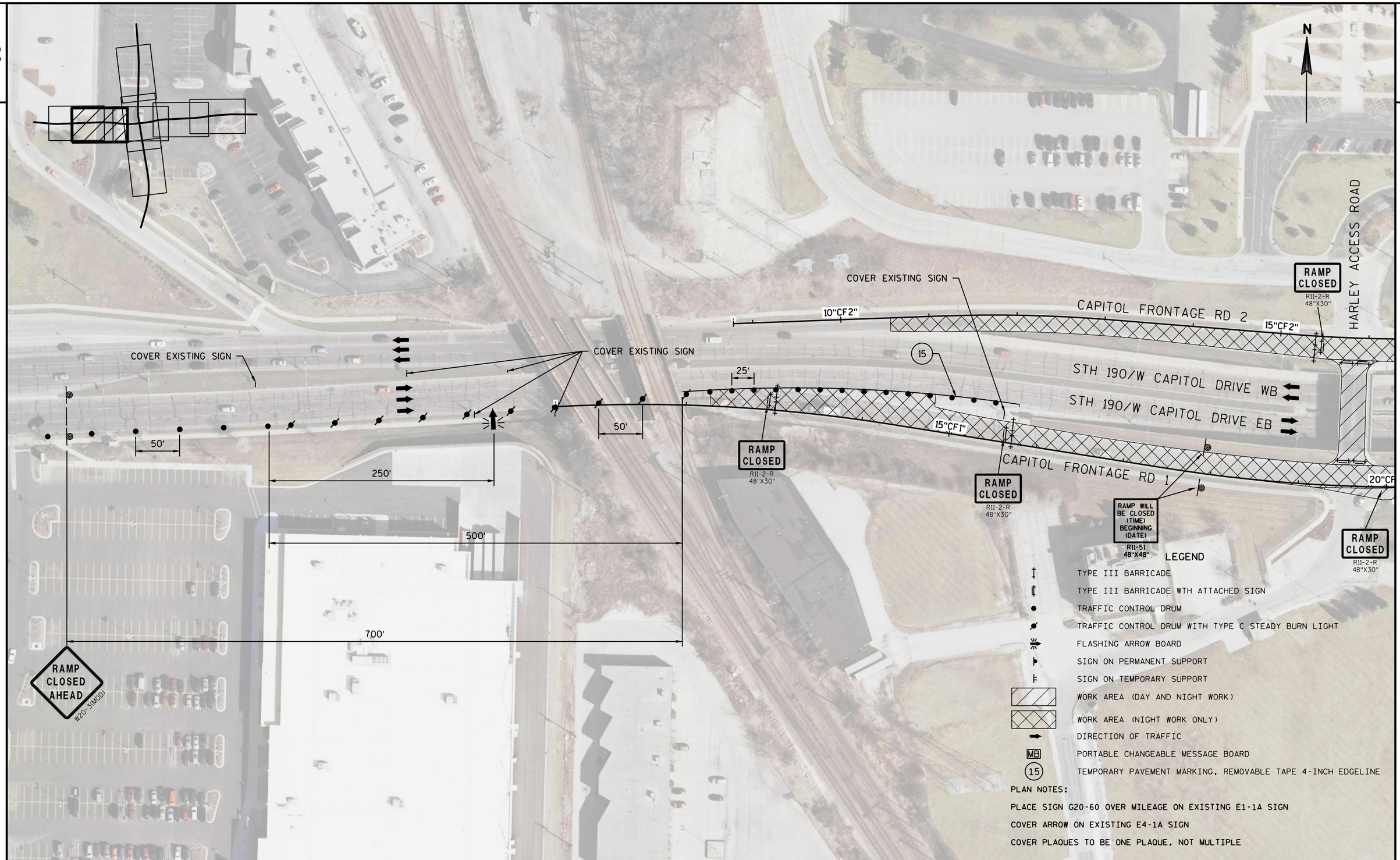
2



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: W CAPITOL DR	SHEET E

PRE_54

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT WORK)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: W CAPITOL DR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 3.DWG
LAYOUT NAME - 025005_TC
PLOT DATE : 6/4/2019 11:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

HARLEY ACCESS ROAD

CAPITOL DR SB EXIT RAMP

IH-41 SB

IH-41 NB

CAPITOL DR NB ENTRANCE RAMP

CAPITOL FRONTAGE RD 2

CAPITOL DR FRONTAGE RD 2

STH 190/W CAPITOL DRIVE WB

STH 190/W CAPITOL DRIVE EB

CAPITOL FRONTAGE RD 1

CAPITOL DR FRONTAGE RD 1

CAPITOL DR SB ENTRANCE RAMP

CAPITOL DR NB EXIT RAMP

RAMP CLOSED
R11-2-R
48"X30"

ROAD CLOSED
R11-2
48"X30"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

15"CF2"

20"CF2"

10"CB"

25"CF2"

30"CF1"

20"CF1"

20"CC"

25"CF1"

230"CA"

PAINTING CAN TAKE PLACE DURING THE DAY OR NIGHT

15

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT WORK)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

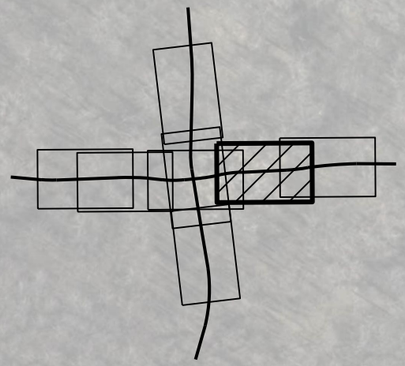
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: W CAPITOL DR	SHEET E

PRE_56

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 3.DWG
LAYOUT NAME - 025006_TC

PLOT DATE : 6/4/2019 11:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



N

500'

500'

250'

50'

50'

RAMP CLOSED
R11-2-R
48"X30"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

COVER EXISTING EXIT SIGN

RAMP CLOSED
R11-2-R
48"X30"

15

CAPITOL DR FRONTAGE RD 2

25"CF2"

25'

STH 190/W CAPITOL DRIVE WB

STH 190/W CAPITOL DRIVE EB

COVER EXISTING EXIT SIGN

30"CF1"

CAPITOL DR FRONTAGE RD 1

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- WORK AREA (DAY AND NIGHT WORK)
- WORK AREA (NIGHT WORK ONLY)
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 15 — TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: W CAPITOL DR	SHEET E

PRE_57

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 3.DWG
LAYOUT NAME - 025007_TC

PLOT DATE : 6/4/2019 11:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

500'

1000'

500'

50'

50'

RAMP CLOSED AHEAD W20-3(MOD)

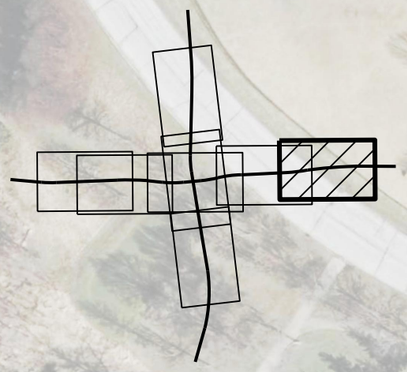
ROAD WORK AHEAD W20-1-A

ROAD WORK AHEAD W20-1-A

COVER EXISTING EXIT SIGN

STH 190/W CAPITOL DRIVE WB

STH 190/W CAPITOL DRIVE EB



LEGEND

	TYPE III BARRICADE
	TYPE III BARRICADE WTH ATTACHED SIGN
	TRAFFIC CONTROL DRUM
	TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
	FLASHING ARROW BOARD
	SIGN ON PERMANENT SUPPORT
	SIGN ON TEMPORARY SUPPORT
	WORK AREA (DAY AND NIGHT WORK)
	WORK AREA (NIGHT WORK ONLY)
	DIRECTION OF TRAFFIC
MB	PORTABLE CHANGEABLE MESSAGE BOARD
15	TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE 4-INCH EDGELINE

PLAN NOTES:

PLACE SIGN G20-60 OVER MILEAGE ON EXISTING E1-1A SIGN

COVER ARROW ON EXISTING E4-1A SIGN

COVER PLAQUES TO BE ONE PLAQUE, NOT MULTIPLE

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL STAGE 3: W CAPITOL DR	SHEET E

PRE_58

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_CAPITOL STAGE 3.DWG
LAYOUT NAME - 025008_TC

PLOT DATE : 6/4/2019 11:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

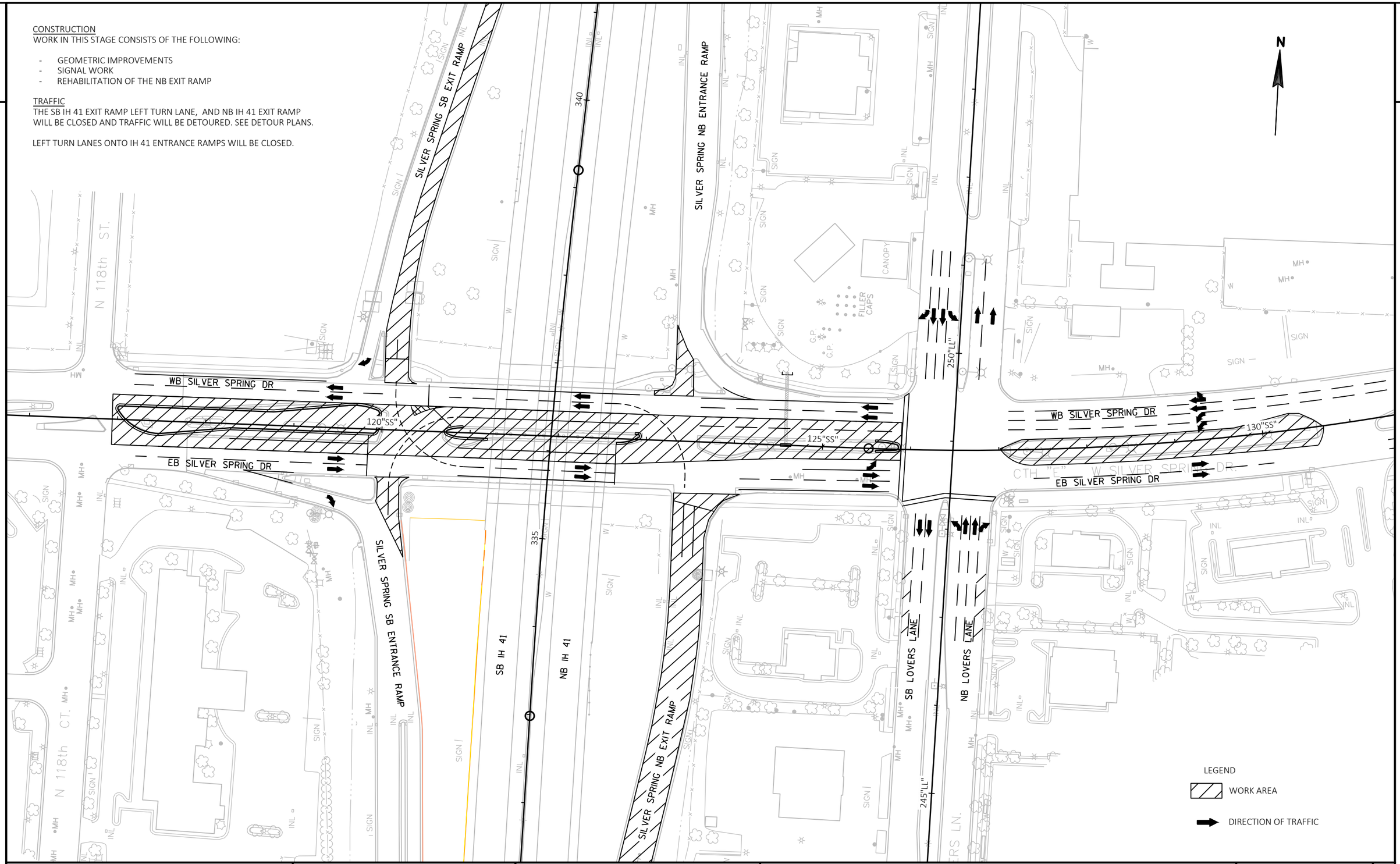
2

CONSTRUCTION
WORK IN THIS STAGE CONSISTS OF THE FOLLOWING:

- GEOMETRIC IMPROVEMENTS
- SIGNAL WORK
- REHABILITATION OF THE NB EXIT RAMP

TRAFFIC
THE SB IH 41 EXIT RAMP LEFT TURN LANE, AND NB IH 41 EXIT RAMP WILL BE CLOSED AND TRAFFIC WILL BE DETOURED. SEE DETOUR PLANS.

LEFT TURN LANES ONTO IH 41 ENTRANCE RAMPS WILL BE CLOSED.



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW: SILVER SPRING STAGE 1	SHEET E

PRE_59

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_SILVER SPRING STAGE 1.DWG
LAYOUT NAME - 025001_tc Stage 1
PLOT DATE : 5/31/2019 2:21 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT

2

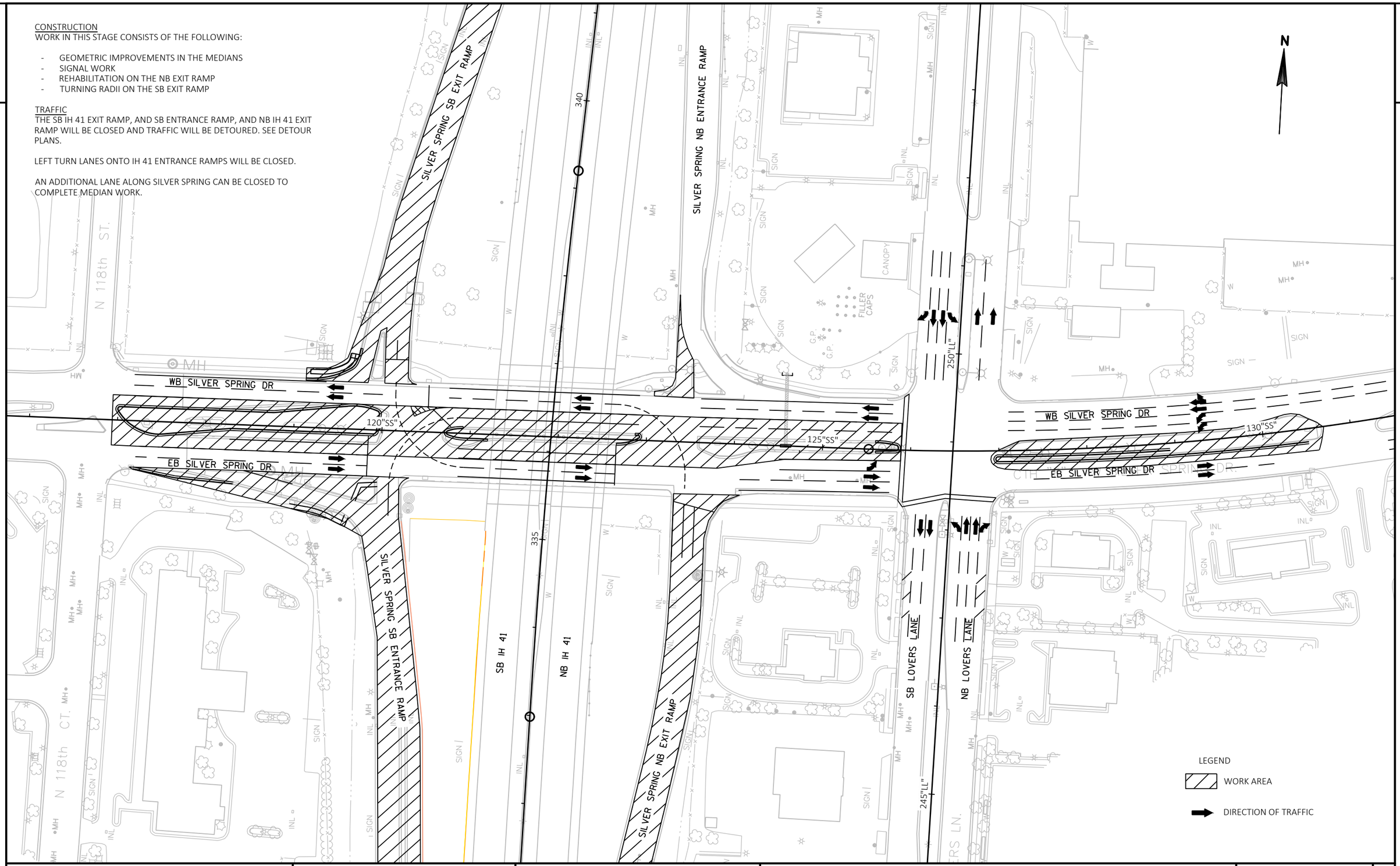
CONSTRUCTION
WORK IN THIS STAGE CONSISTS OF THE FOLLOWING:

- GEOMETRIC IMPROVEMENTS IN THE MEDIANS
- SIGNAL WORK
- REHABILITATION ON THE NB EXIT RAMP
- TURNING RADII ON THE SB EXIT RAMP

TRAFFIC
THE SB IH 41 EXIT RAMP, AND SB ENTRANCE RAMP, AND NB IH 41 EXIT RAMP WILL BE CLOSED AND TRAFFIC WILL BE DETOURED. SEE DETOUR PLANS.

LEFT TURN LANES ONTO IH 41 ENTRANCE RAMPS WILL BE CLOSED.

AN ADDITIONAL LANE ALONG SILVER SPRING CAN BE CLOSED TO COMPLETE MEDIAN WORK.



2

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW: SILVER SPRING STAGE 1A (NIGHT WORK)	SHEET E

PRE_60

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_SILVER SPRING STAGE 1A.DWG
LAYOUT NAME - 025002_tc Stage 1a
PLOT DATE : 5/31/2019 2:21 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

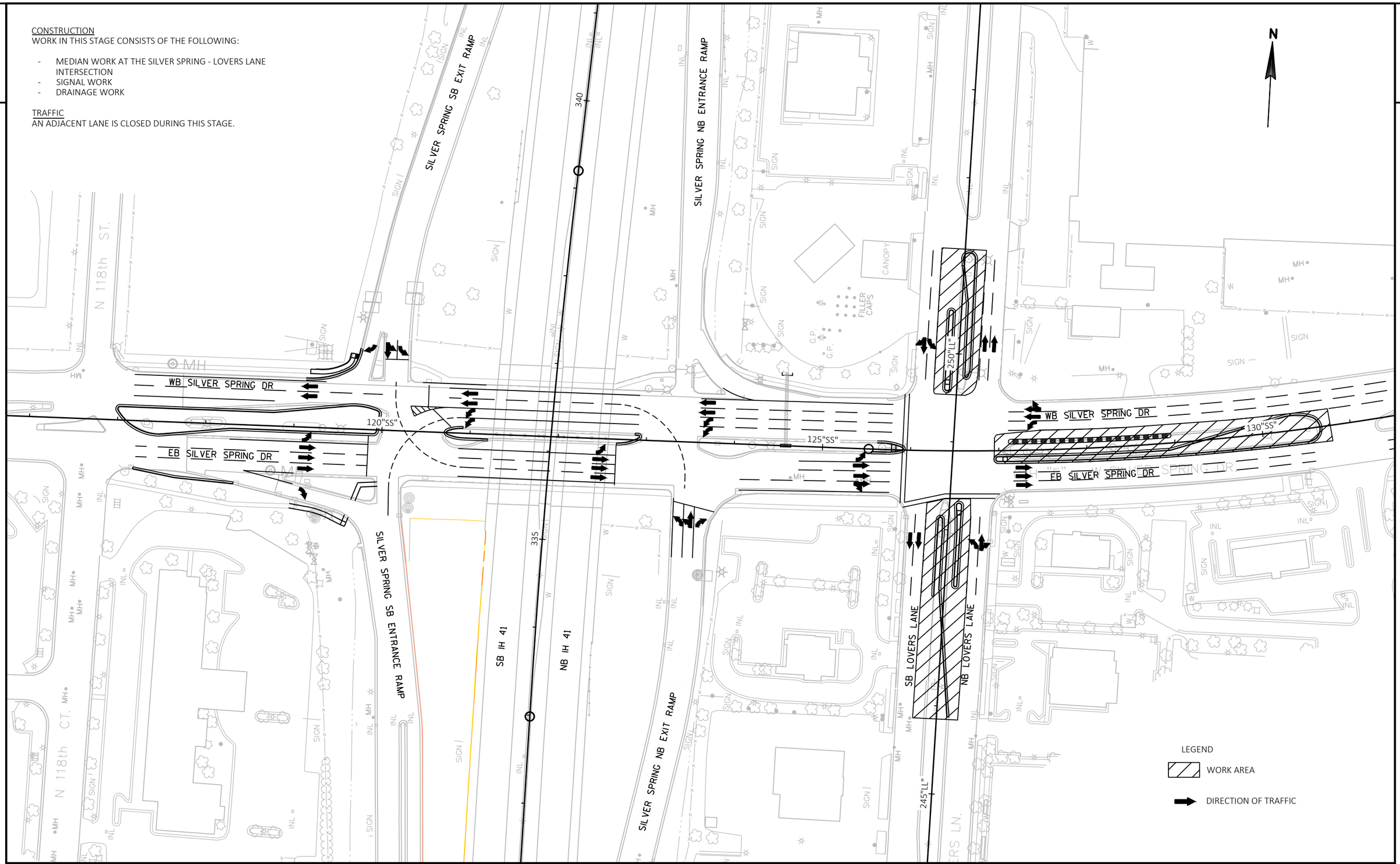
WISDOT/CADDS SHEET 42

2

CONSTRUCTION
WORK IN THIS STAGE CONSISTS OF THE FOLLOWING:

- MEDIAN WORK AT THE SILVER SPRING - LOVERS LANE INTERSECTION
- SIGNAL WORK
- DRAINAGE WORK

TRAFFIC
AN ADJACENT LANE IS CLOSED DURING THIS STAGE.



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW: SILVER SPRING STAGE 2	SHEET E

PRE_61

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_SILVER SPRING STAGE 2.DWG
LAYOUT NAME - 025003_tc Stage 2
PLOT DATE : 5/31/2019 2:21 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

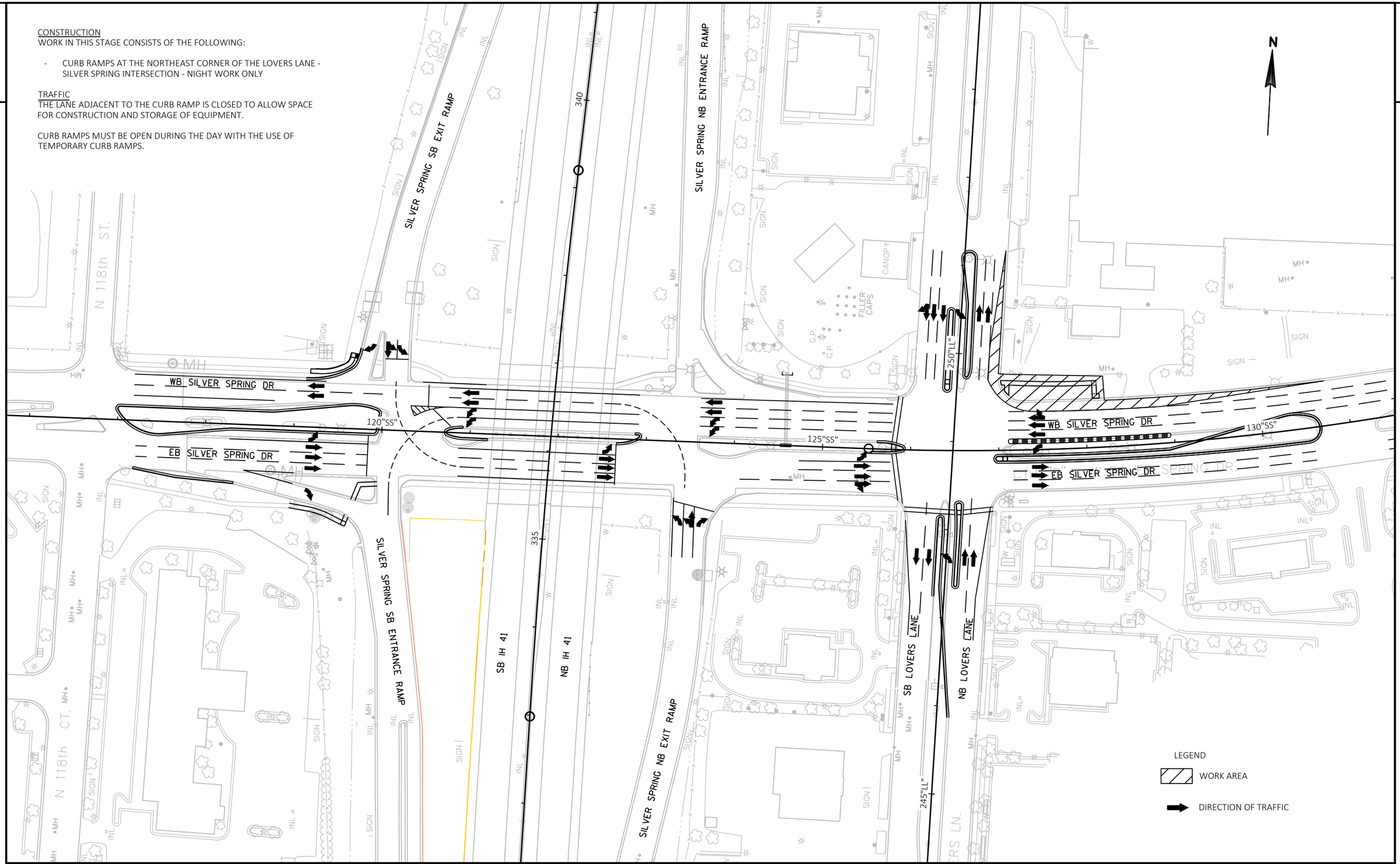
2

CONSTRUCTION
WORK IN THIS STAGE CONSISTS OF THE FOLLOWING:

- CURB RAMPS AT THE NORTHEAST CORNER OF THE LOVERS LANE - SILVER SPRING INTERSECTION - NIGHT WORK ONLY

TRAFFIC
THE LANE ADJACENT TO THE CURB RAMP IS CLOSED TO ALLOW SPACE FOR CONSTRUCTION AND STORAGE OF EQUIPMENT.

CURB RAMPS MUST BE OPEN DURING THE DAY WITH THE USE OF TEMPORARY CURB RAMPS.



2

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW: SILVER SPRING STAGE 3 (NIGHT WORK)	SHEET E

PRE_62

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_SILVER SPRING STAGE 3.DWG
LAYOUT NAME - 025004_tc

PLOT DATE : 5/31/2019 2:22 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

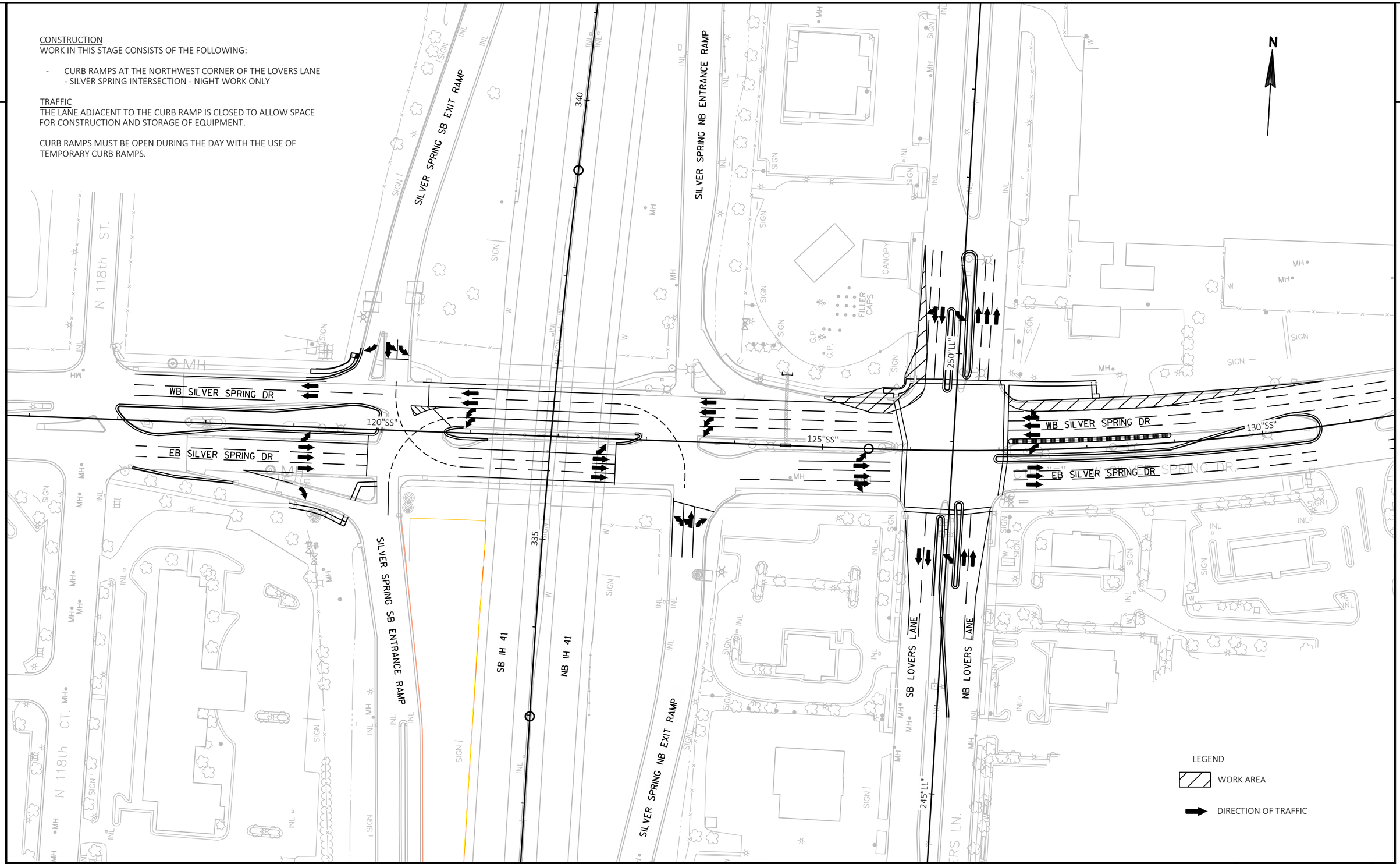
2

CONSTRUCTION
WORK IN THIS STAGE CONSISTS OF THE FOLLOWING:

- CURB RAMPS AT THE NORTHWEST CORNER OF THE LOVERS LANE - SILVER SPRING INTERSECTION - NIGHT WORK ONLY

TRAFFIC
THE LANE ADJACENT TO THE CURB RAMP IS CLOSED TO ALLOW SPACE FOR CONSTRUCTION AND STORAGE OF EQUIPMENT.

CURB RAMPS MUST BE OPEN DURING THE DAY WITH THE USE OF TEMPORARY CURB RAMPS.



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW: SILVER SPRING STAGE 3A (NIGHT WORK)	SHEET E

PRE_63

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_SILVER SPRING STAGE 3A.DWG
LAYOUT NAME - 025005_tc Stage 3a
PLOT DATE : 5/31/2019 2:22 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

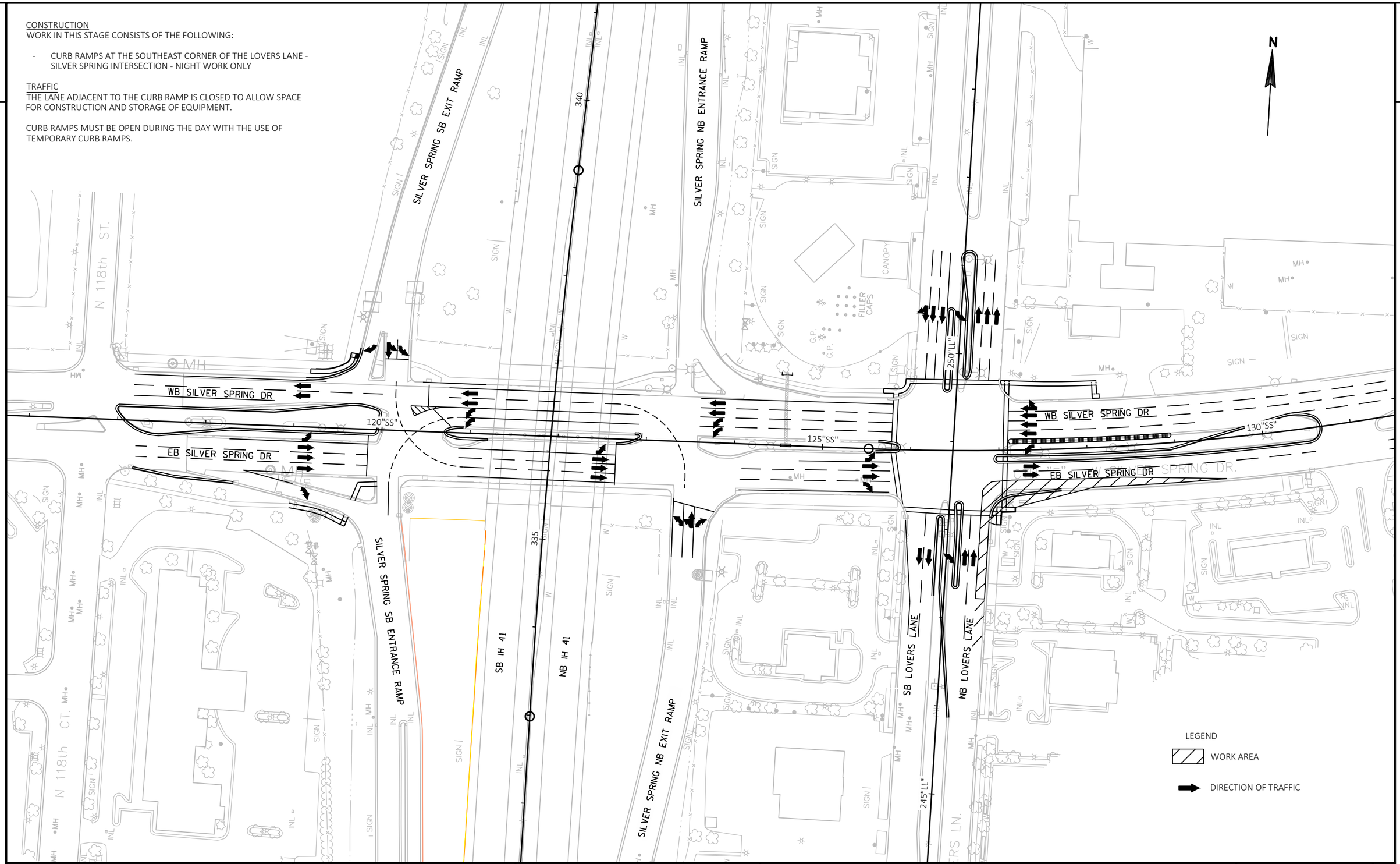
2

CONSTRUCTION
WORK IN THIS STAGE CONSISTS OF THE FOLLOWING:

- CURB RAMPS AT THE SOUTHEAST CORNER OF THE LOVERS LANE - SILVER SPRING INTERSECTION - NIGHT WORK ONLY

TRAFFIC
THE LANE ADJACENT TO THE CURB RAMP IS CLOSED TO ALLOW SPACE FOR CONSTRUCTION AND STORAGE OF EQUIPMENT.

CURB RAMPS MUST BE OPEN DURING THE DAY WITH THE USE OF TEMPORARY CURB RAMPS.



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW: SILVER SPRING STAGE 3B (NIGHT WORK)	SHEET E

PRE_64

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_SILVER SPRING STAGE 3B.DWG
LAYOUT NAME - 025006_tc Stage 3b

PLOT DATE : 5/31/2019 2:23 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

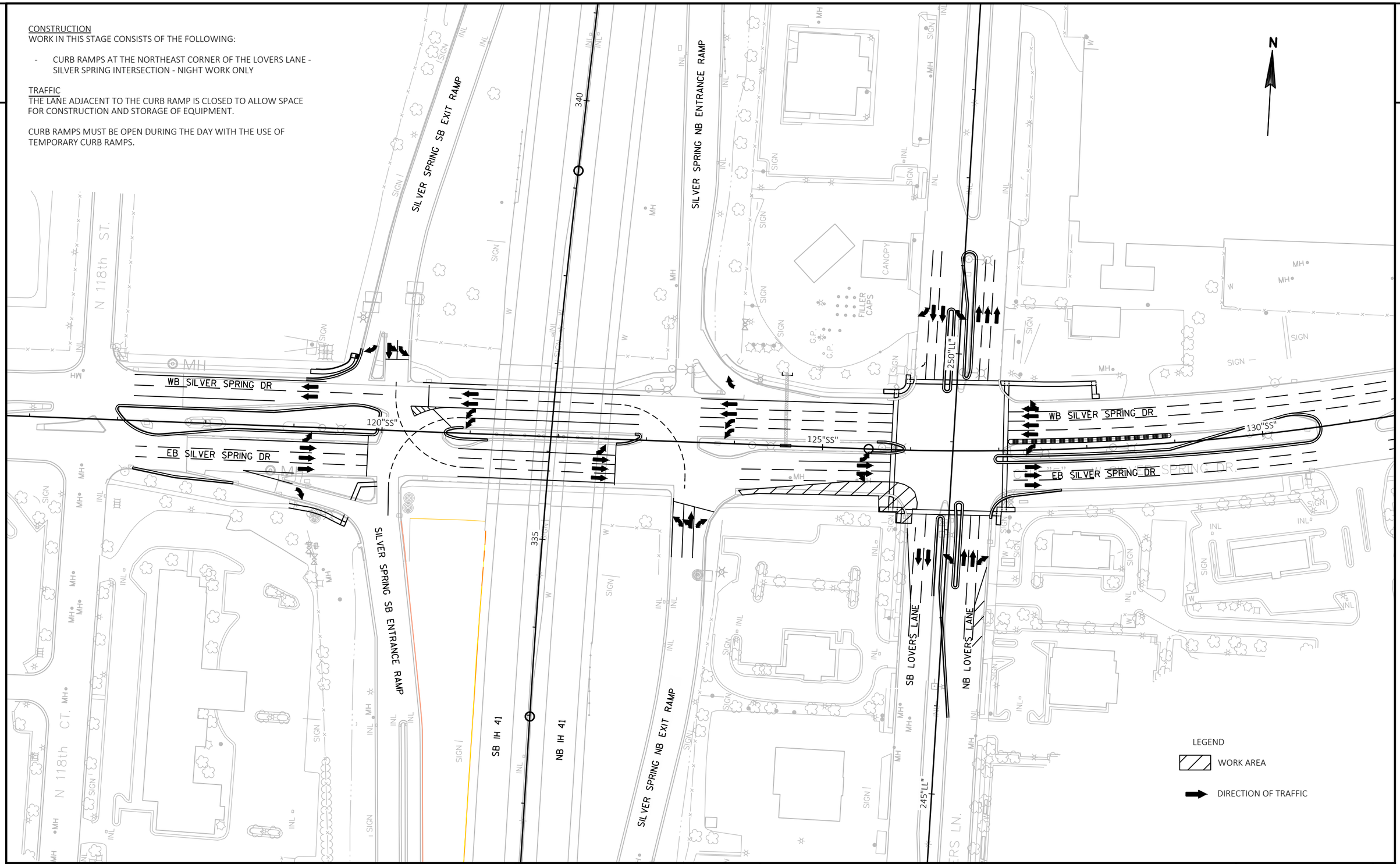
2

CONSTRUCTION
WORK IN THIS STAGE CONSISTS OF THE FOLLOWING:

- CURB RAMPS AT THE NORTHEAST CORNER OF THE LOVERS LANE - SILVER SPRING INTERSECTION - NIGHT WORK ONLY

TRAFFIC
THE LANE ADJACENT TO THE CURB RAMP IS CLOSED TO ALLOW SPACE FOR CONSTRUCTION AND STORAGE OF EQUIPMENT.

CURB RAMPS MUST BE OPEN DURING THE DAY WITH THE USE OF TEMPORARY CURB RAMPS.

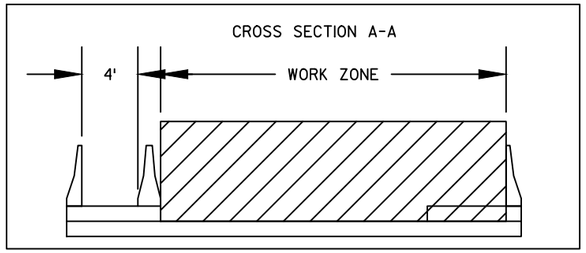


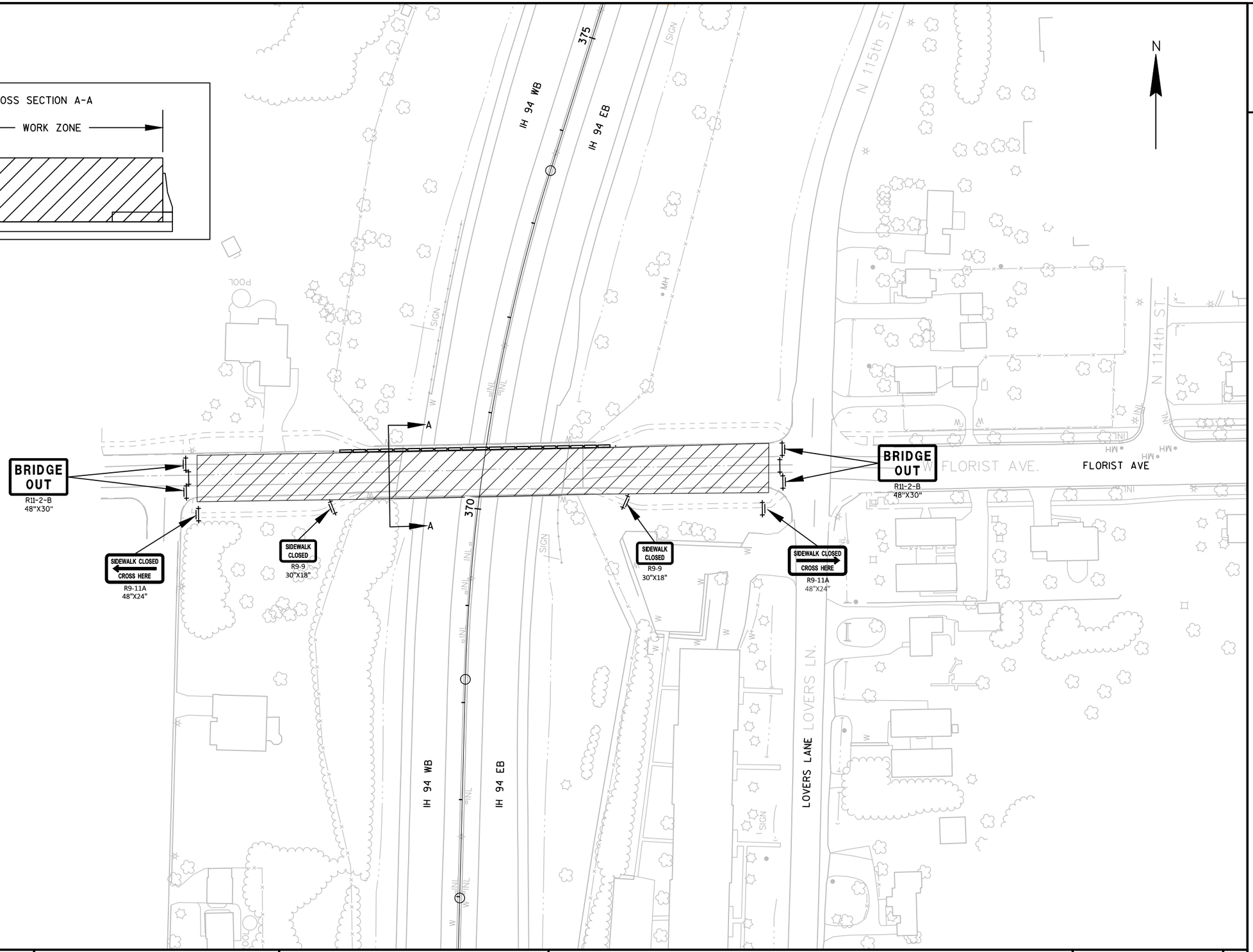
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL OVERVIEW: SILVER SPRING STAGE 3C (NIGHT WORK)	SHEET E

PRE_65

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_SILVER SPRING STAGE 3C.DWG
LAYOUT NAME - 025007_tc Stage 3c
PLOT DATE : 5/31/2019 2:23 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2





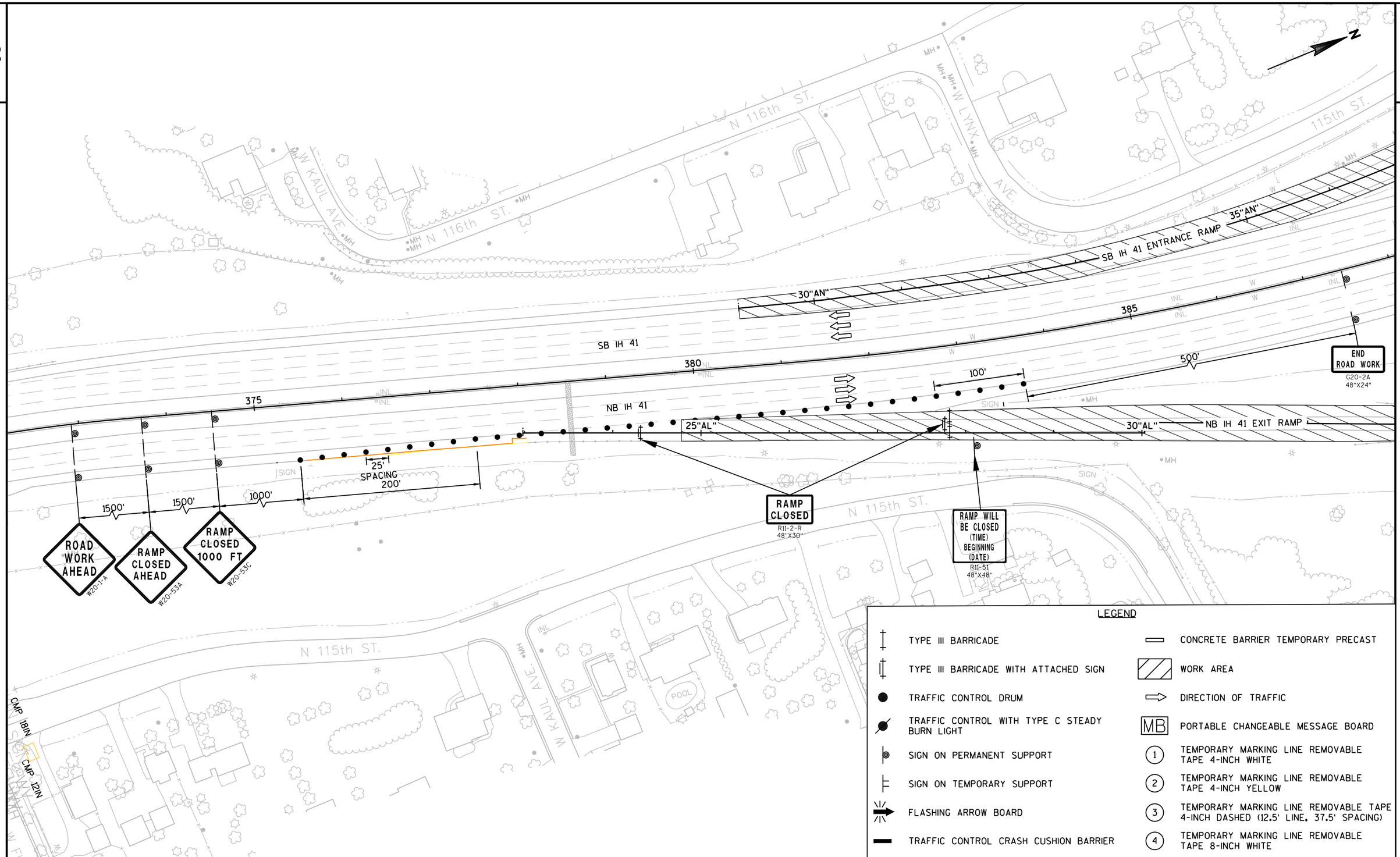
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: FLORIST AVE	SHEET E

PRE_66

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC_FLORIST.DWG
LAYOUT NAME - 025001_tc

PLOT DATE : 5/29/2019 11:33 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : ##########

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- 4 — TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_67

2

N

SB IH 41

NB IH 41

USH 45/STH 100

395

390

40"AM"

35"AM"

35"AL"

NB IH 41 EXIT RAMP

40"AL"

45"AL"

45"AK"

40"AK"

WB APPLETON AVE

MILL RD "S"

USH 41

RAMP CLOSED
R11-2-R
48"X30"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

RAMP CLOSED
R11-2-R
48"X30"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_68

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3 STAGE 1.DWG
LAYOUT NAME - 025003_TC

PLOTTED : 11/29/2019 11:19 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

EB APPLETON AVE

40"AM"

SB IH 41

395

NB IH 41

W MILL RD

USH 45/STH 100

400

405

SB IH 41

NB IH 41

NB IH 41 EXIT RAMP

40"AL"

RAMP CLOSED
R11-2-R
48"X30"

45"AL"

45"AK"

50"AL"

50"AK"

WB APPLETON AVE

NB IH 41 ENTRANCE RAMP

40"AK"

WB APPLETON AVE

RAMP CLOSED
R11-2-R
48"X30"

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

MILL RD "S"

CTH

N

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

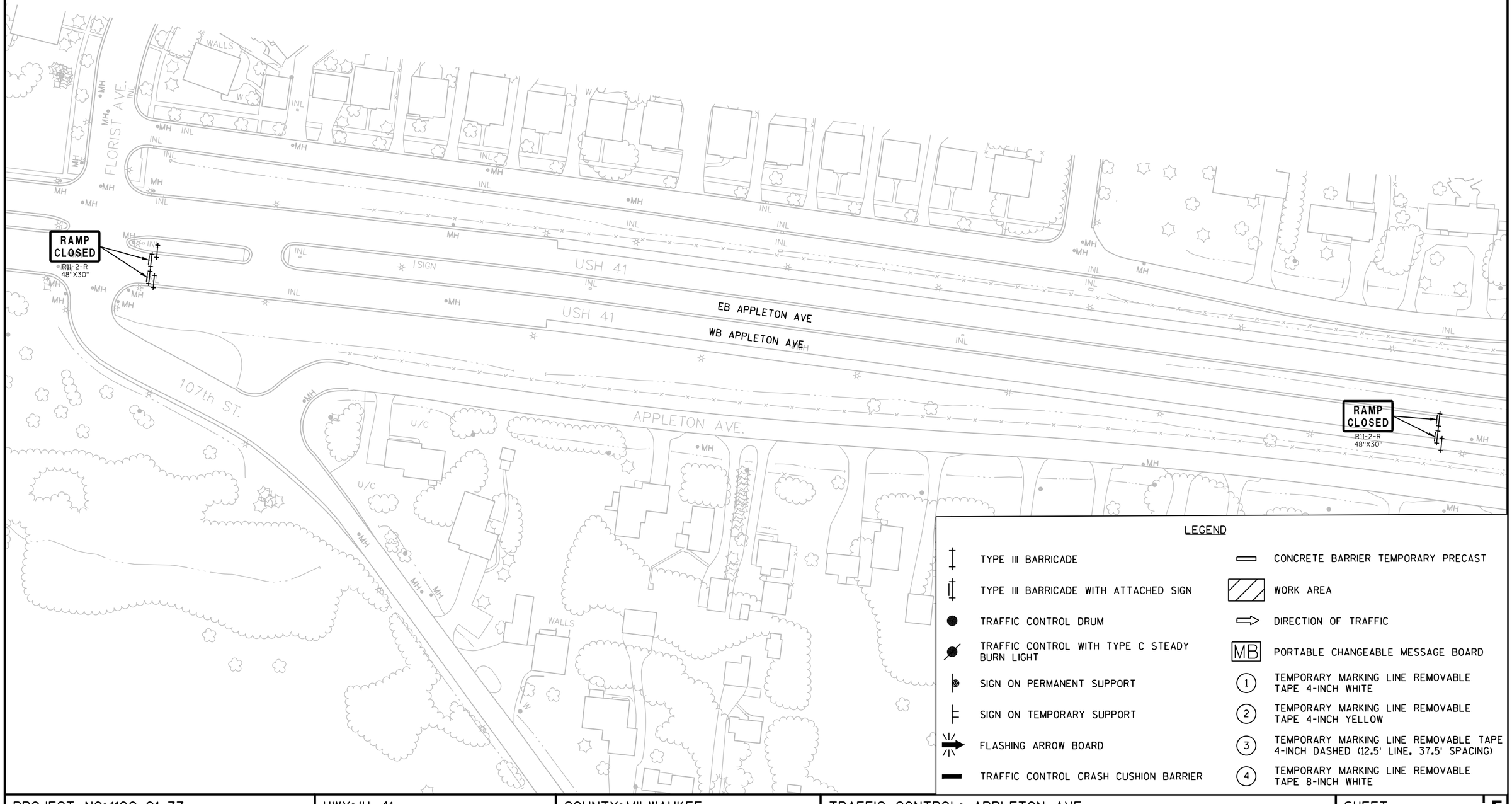
PRE_69

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3 STAGE 1.DWG
LAYOUT NAME - 025004_TC

PLOTTED : 8/29/2019 11:19 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



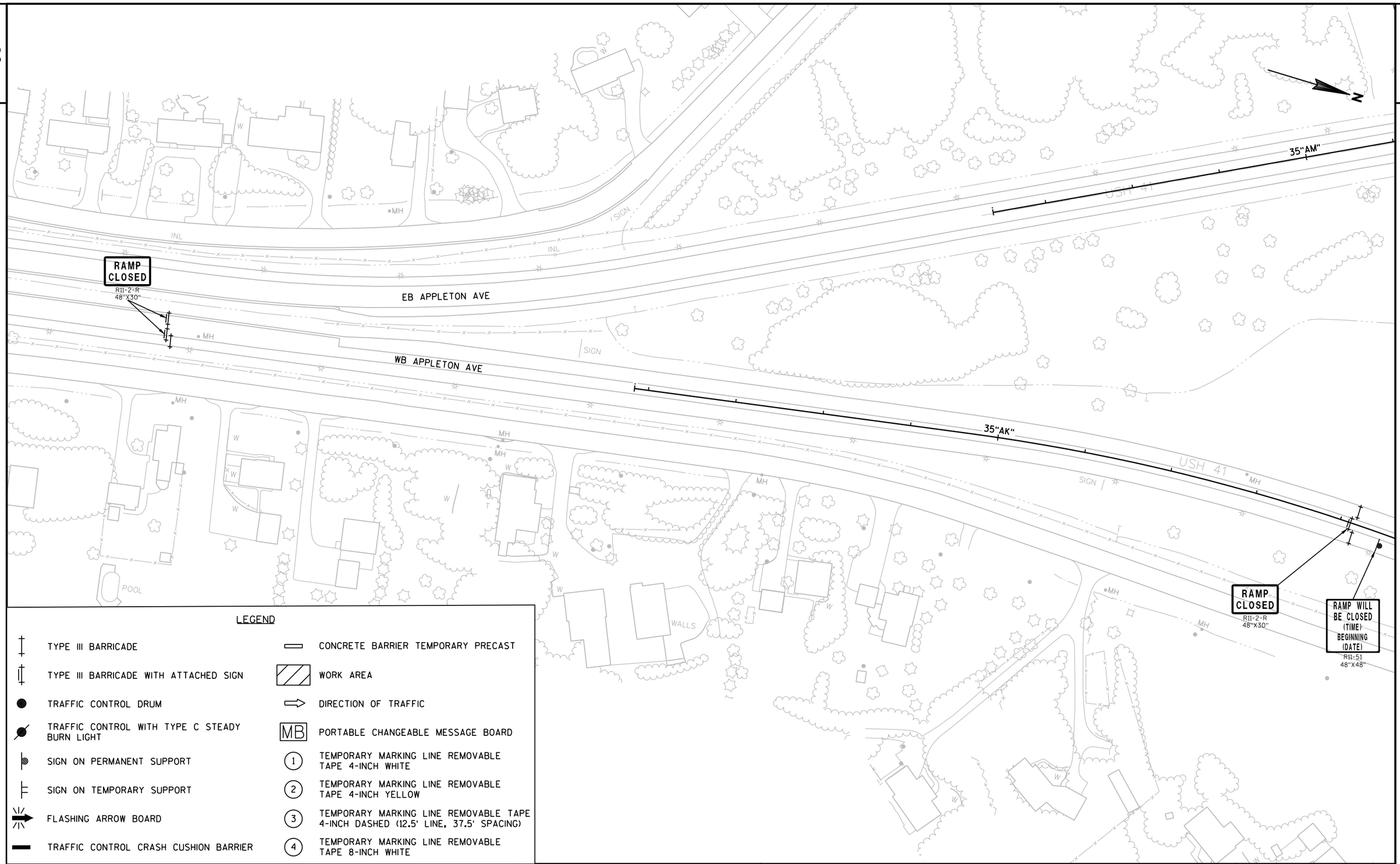
LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WITH ATTACHED SIGN	WORK AREA
TRAFFIC CONTROL DRUM	DIRECTION OF TRAFFIC
TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT	MB — PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON PERMANENT SUPPORT	1 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE
SIGN ON TEMPORARY SUPPORT	2 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH YELLOW
FLASHING ARROW BOARD	3 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH DASHED (12.5' LINE, 37.5' SPACING)
TRAFFIC CONTROL CRASH CUSHION BARRIER	4 — TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_70

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

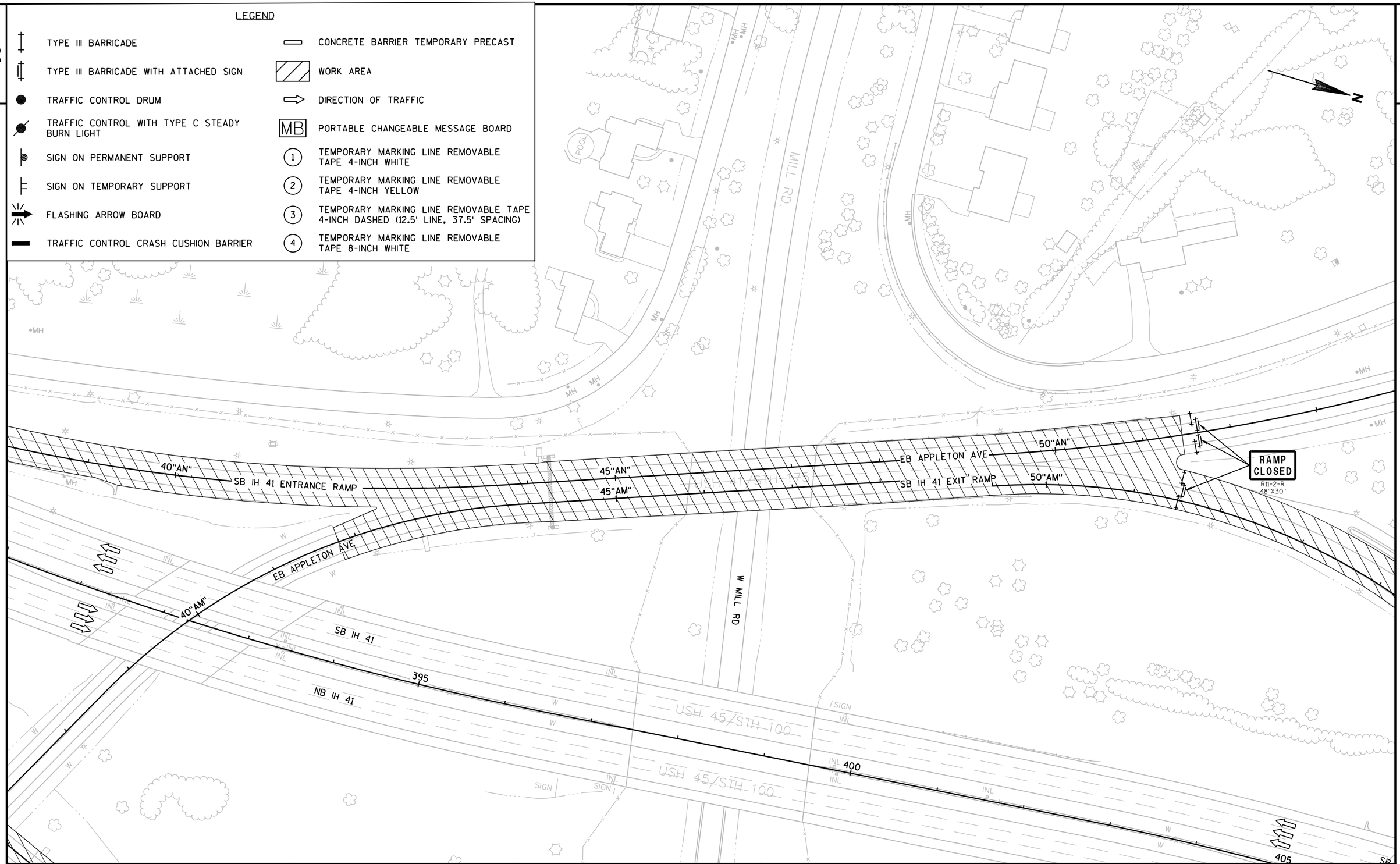
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_71

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_72

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3 STAGE 1.DWG
LAYOUT NAME - 025007_TC
PLOTTED : 11/29/2019 11:20 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

APPLETON AVE.
EB APPLETON AVE.
55"AN"
RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"
MH
SEPTIC
W
57"AL"
55"AM"
SB IH 41 EXIT RAMP
60"AM"
SIGN
RAMP CLOSED
R11-2-R
48"X30"
RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"
RAMP CLOSED
R11-2-R
48"X30"
RAMP CLOSED
R11-2-R
48"X30"
25' SPACING
100'
415
500'
END ROAD WORK
G20-2A
48"X24"
55"AL"
410
SB IH 41
NB IH 41
405
60"AK"
55"AK"
NB IH 41 ENTRANCE RAMP
114TH STREET
NB APPLETON AVE
INL
N

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_73

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3 STAGE 1.DWG
LAYOUT NAME - 025008_TC
DATE : 8/29/2019 11:21 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N

RAMP CLOSED
R11-2-R
48"X30"

LANE CLOSED
R11-2-L
48"X30"

660'

50' SPACING

25' SPACING

115th ST.

SB IH 41

NB IH 41

65"/65"AK"

NB IH 41 ENTRANCE RAMP

114TH ST

114th ST.

SEPTIC

SEPTIC

SEPTIC

415

420

425

430

INL

W

MH

SIGN

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

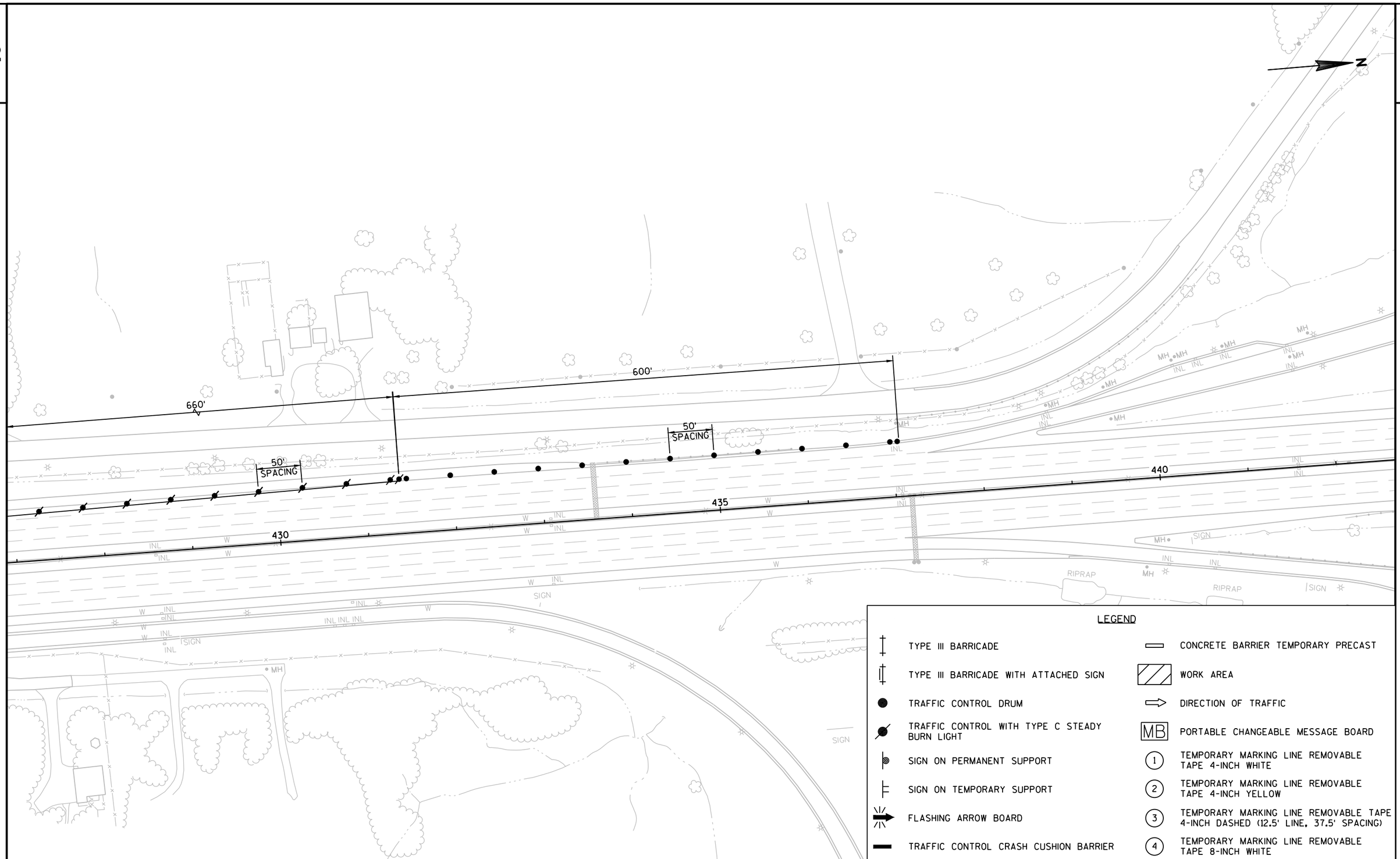
PRE_74

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3 STAGE 1.DWG
LAYOUT NAME - 025009_TC

PLOTTED : 8/29/2019 11:21 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_75

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3 STAGE 1.DWG 9/9/2019 11:22 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
LAYOUT NAME - 025010_TC

2

LEGEND

TYPE III BARRICADE	CONCRETE BARRIER TEMPORARY PRECAST
TYPE III BARRICADE WITH ATTACHED SIGN	WORK AREA
TRAFFIC CONTROL DRUM	DIRECTION OF TRAFFIC
TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT	MB — PORTABLE CHANGEABLE MESSAGE BOARD
SIGN ON PERMANENT SUPPORT	1 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE
SIGN ON TEMPORARY SUPPORT	2 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH YELLOW
FLASHING ARROW BOARD	3 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH DASHED (12.5' LINE, 37.5' SPACING)
TRAFFIC CONTROL CRASH CUSHION BARRIER	4 — TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

RAMP CLOSED
R11-2-R
48"X30"

APPLETON AVE.

MH

55"AN"

EB APPLETON AVE

RAMP WILL BE CLOSED (TIME) BEGINNING (DATE)
R11-51
48"X48"

60"AN"

SIGN

RAMP CLOSED
R11-2-R
48"X30"

55"AM"

57"AL"

5"AL"

STH 175

POOL

INL

W

N

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

PRE_76

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3 STAGE 1.DWG
LAYOUT NAME - 025011_TC
PLOTTED : 8/29/2019 11:22 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- TRAFFIC CONTROL CRASH CUSHION BARRIER
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- 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 DASHED (12.5' LINE, 37.5' SPACING)
- (4) TEMPORARY MARKING LINE REMOVABLE TAPE 8-INCH WHITE

N

60"AN"

RAMP CLOSED
R11-2-R
48"X30"

POOL

SIGN

U/C

INL

EB APPLETON AVE

WB APPLETON AVE

MH

RAMP CLOSED
R11-2-R
48"X30"

W

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: APPLETON AVE	SHEET E

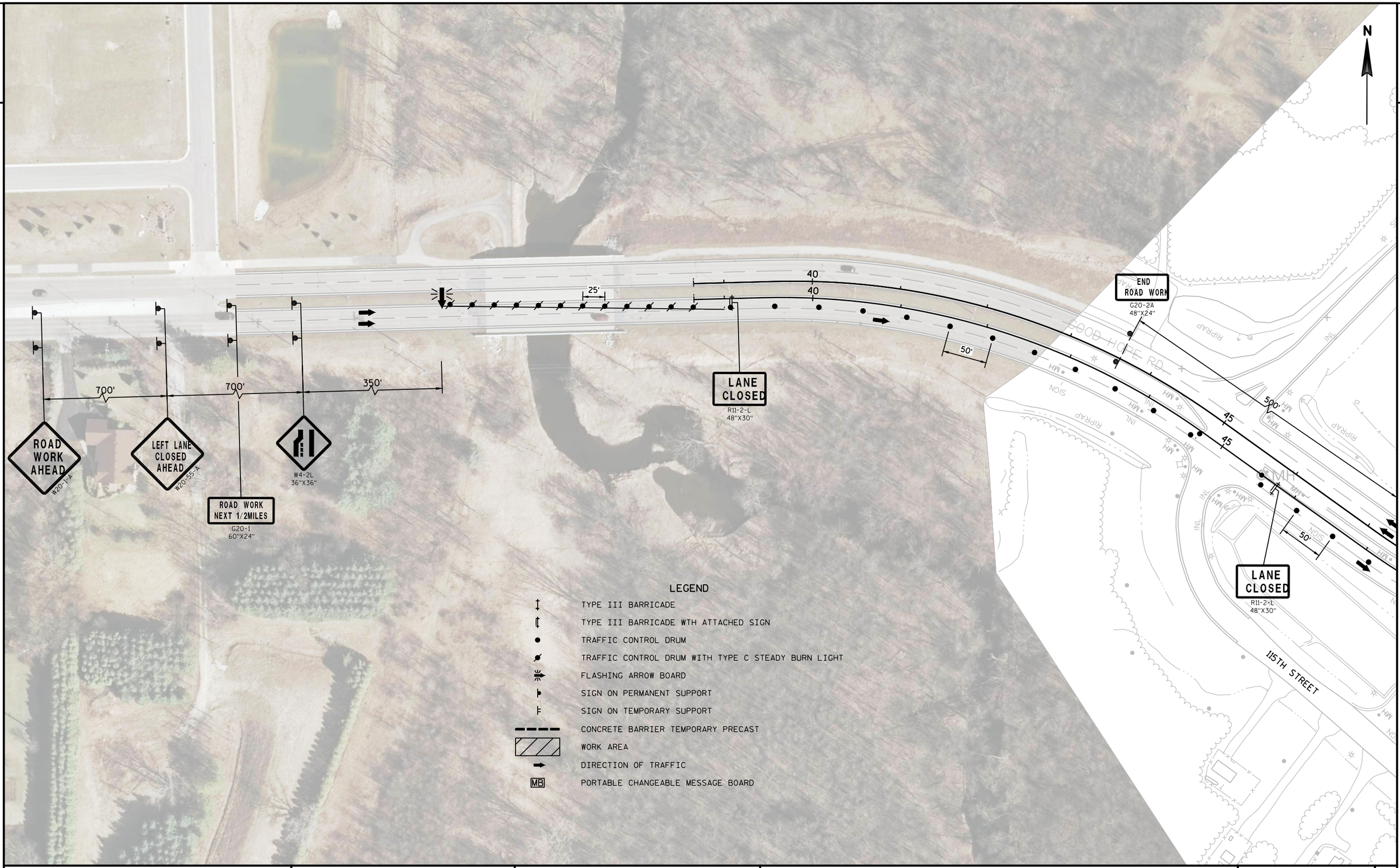
PRE_77

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\TC APPLETON\ALT 3 COMPLETE CLOSURE IN ONE STAGE\11000177_TC APPLETON AVE STAGE ALT 3.DWG PLOTSTAMP : 7/29/2019 11:23 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

LAYOUT NAME - 025012_TC

WISDOT/CADDS SHEET 42

2



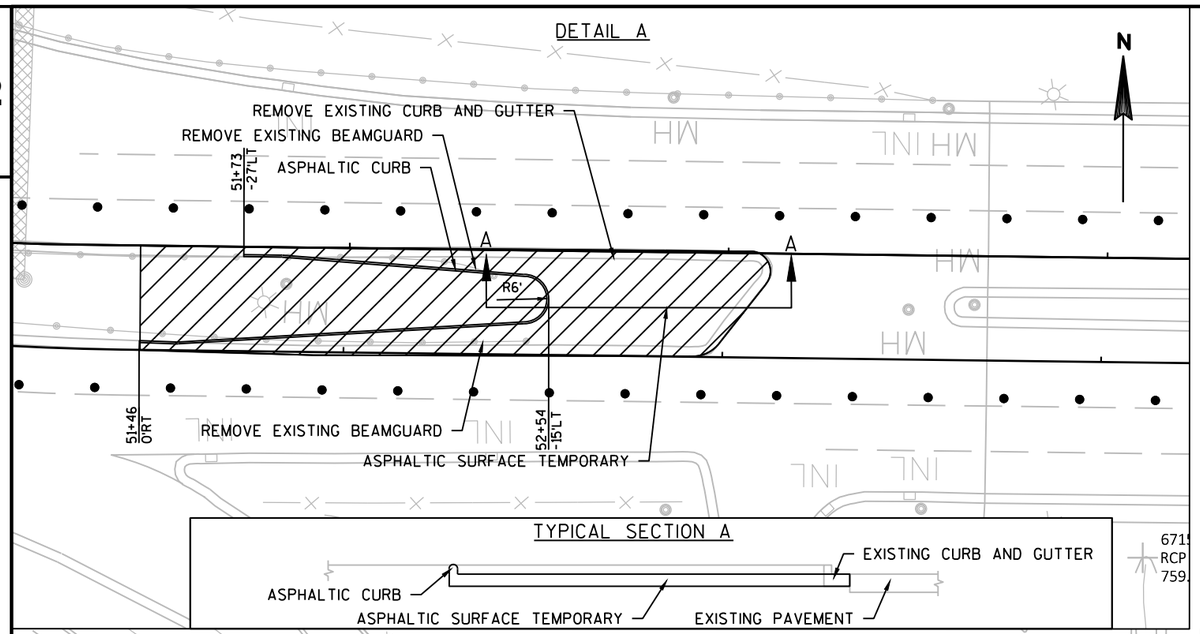
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 1	SHEET E

PRE_78

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 1.DWG
LAYOUT NAME - 025013_TC

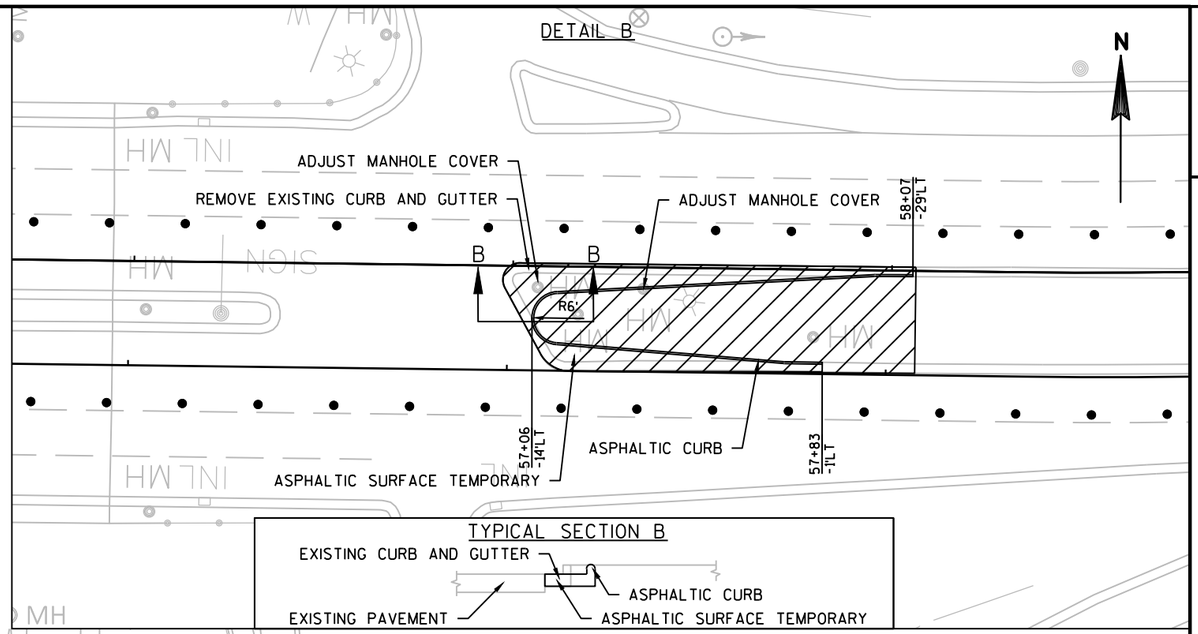
PLOT DATE : 5/23/2019 10:40 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

DETAIL A

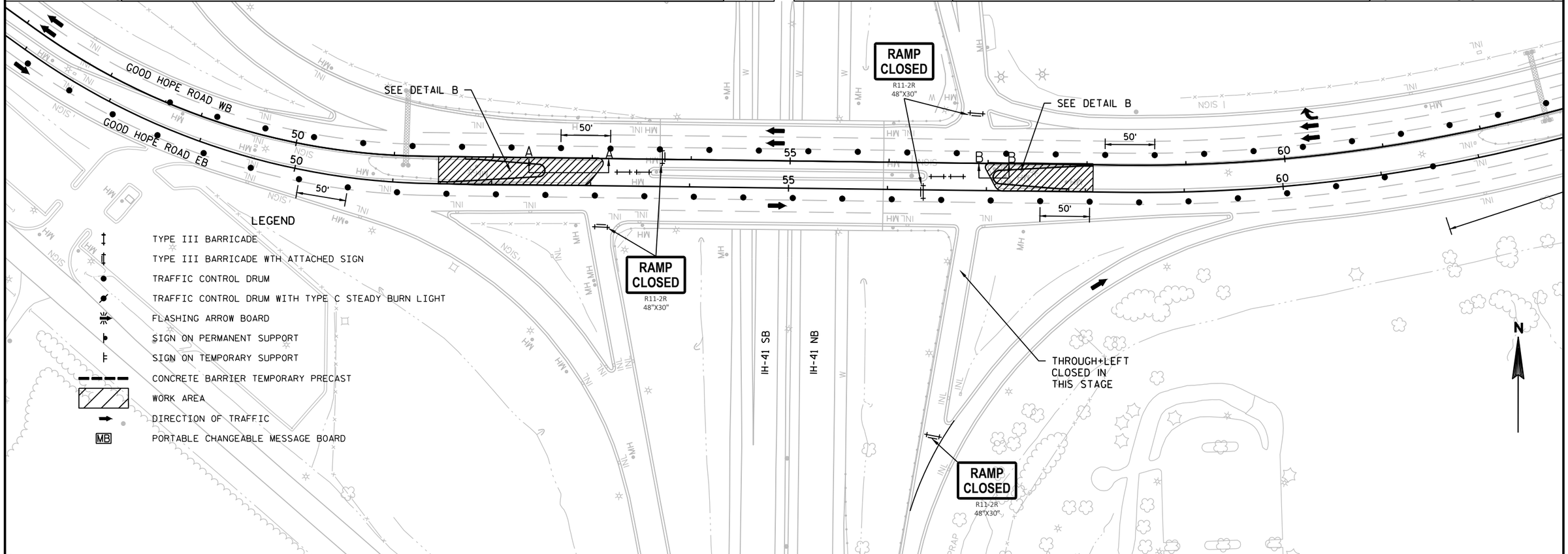


TYPICAL SECTION A

DETAIL B



TYPICAL SECTION B



LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 1	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 1.DWG
LAYOUT NAME - 025014_TC
PLOT DATE : 5/23/2019 10:41 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

110TH STREET

350'

25'

STH 145

STH 145

50'

65

65

500'

END
ROAD WORK
G20-2A
48"X24"

GOOD HOPE RD

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 1	SHEET E

PRE_80

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 1.DWG
LAYOUT NAME - 025015_TC
PLOT DATE : 5/23/2019 10:42 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

N

RIGHT LANE CLOSED AHEAD
W20-5-A

107TH STREET

LEFT LANE CLOSED AHEAD
W20-5S-A

ROAD WORK AHEAD
W20-1-A

ROAD WORK NEXT 1/2MILES
G20-1
60"X24"

W04-2L

350'

350'

350'

750

25'

W20-1-A
ROAD WORK AHEAD

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD

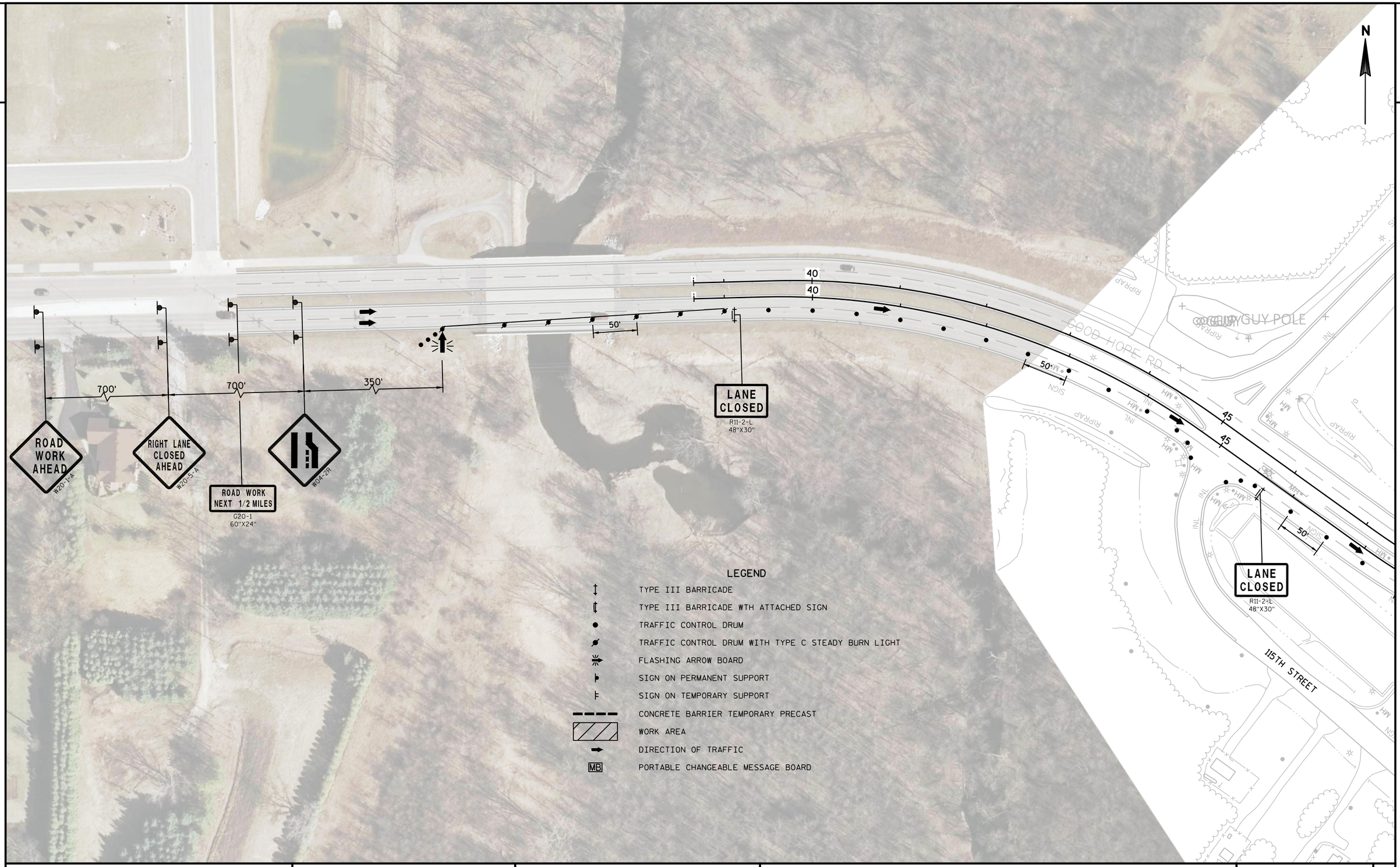
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 1	SHEET E

PRE_81

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 1.DWG
LAYOUT NAME - 025016_TC

PLOT DATE : 5/23/2019 10:42 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 2	SHEET E

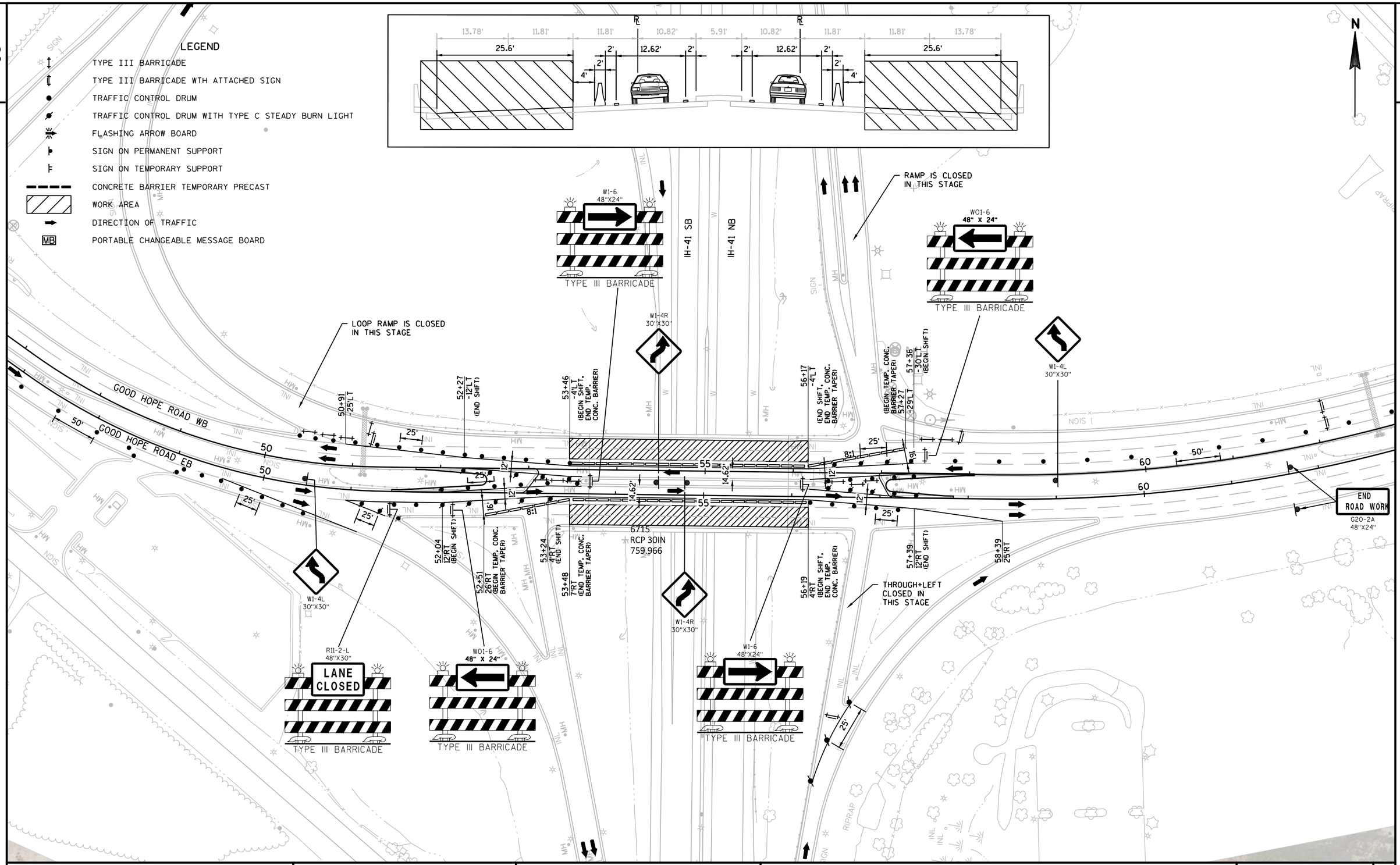
PRE_82

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 2.DWG
LAYOUT NAME - 025017_TC

PLOT DATE : 5/23/2019 10:43 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 2	SHEET E

PRE_83

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 2.DWG
LAYOUT NAME - 025018_TC

PLOT DATE : 5/23/2019 10:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

R11-2
48"X30"
ROAD CLOSED
USE 107TH STREET

N

350'

110TH STREET

LANE CLOSED
R11-2-L
48"X30"

25'

LANE CLOSED
R11-2-L
48"X30"

50'

RAMP CLOSED
R11-2-R
48"X30"

LANE CLOSED
R11-2-L
48"X30"

65

65

GOOD HOPE RD.

STH 145

STH 145

END ROAD WORK
G20-2A
48"X24"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD

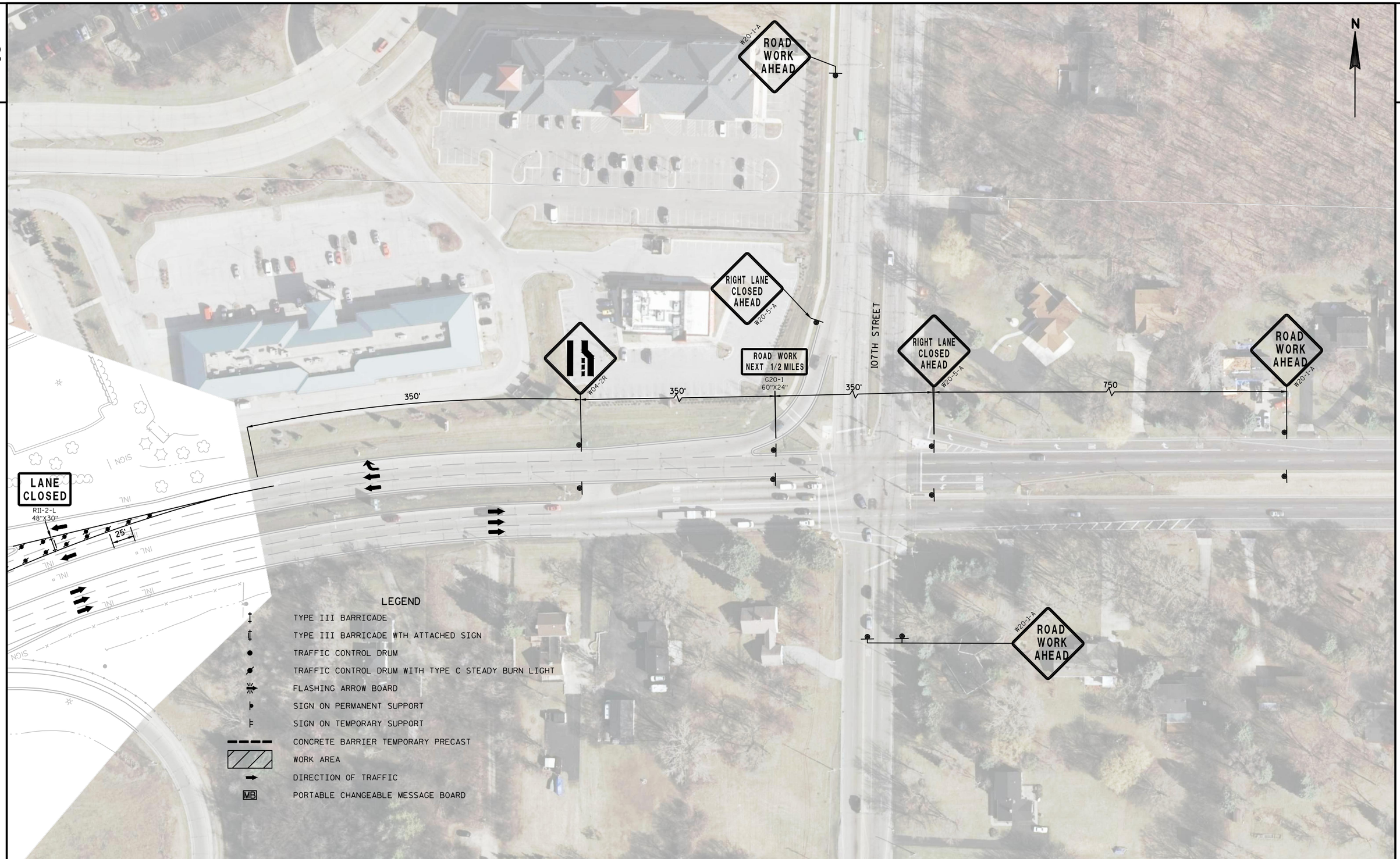
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 2	SHEET E

PRE_84

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 2.DWG
LAYOUT NAME - 025019_TC

PLOT DATE : 5/23/2019 10:44 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

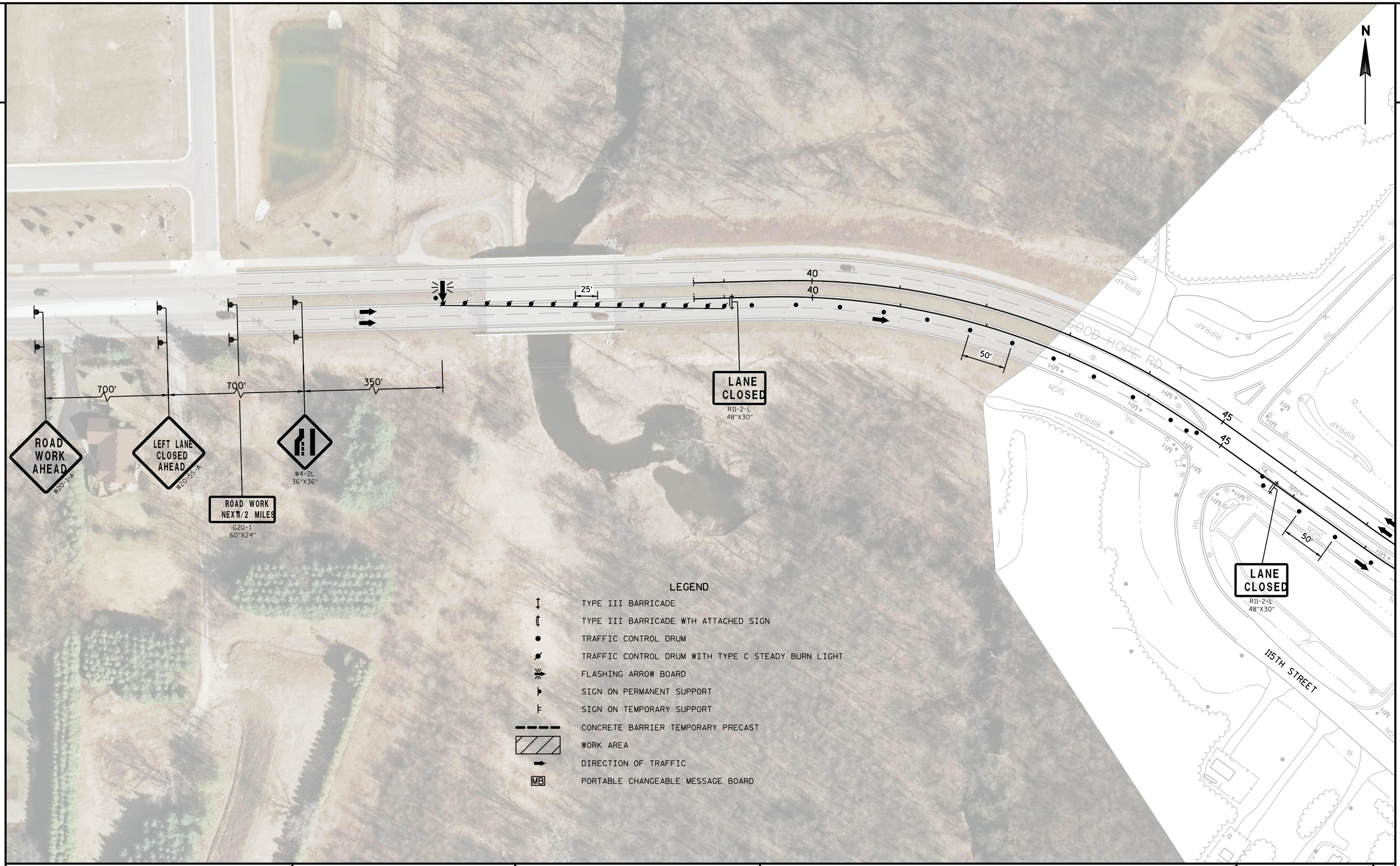


PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 2	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 2.DWG
LAYOUT NAME - 025020_TC

PLOT DATE : 5/23/2019 10:45 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 3	SHEET E

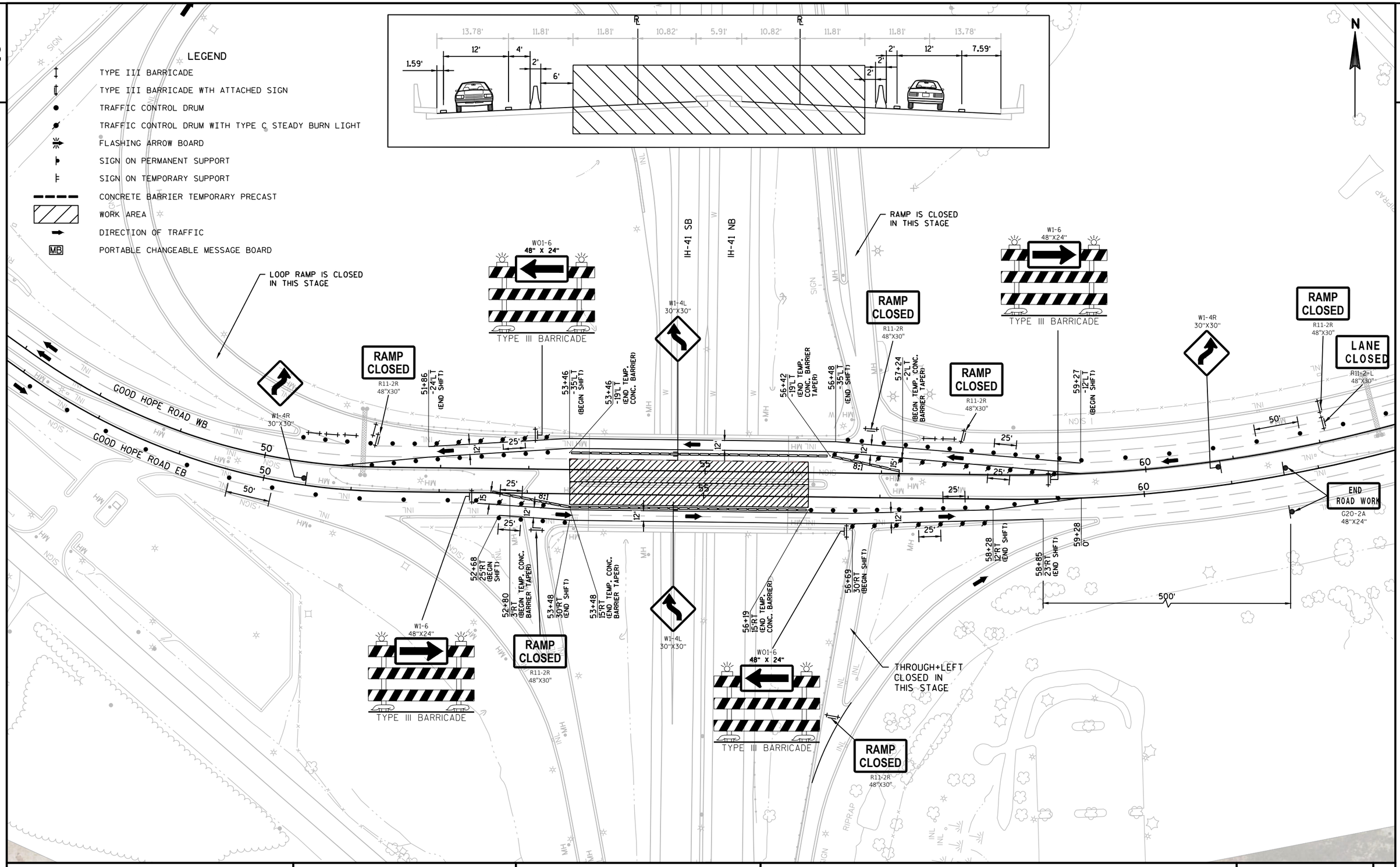
PRE_86

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 3.DWG
LAYOUT NAME - 025021_TC

PLOT DATE : 5/23/2019 10:46 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 3	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 3.DWG
LAYOUT NAME - 025022_TC
PLOT DATE : 5/23/2019 10:46 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

R11-2
48"X30"
ROAD CLOSED
USE 107TH STREET

N

350'

25'

110TH STREET

LANE CLOSED
R11-2-L
48"X30"

50'

65

65

GOOD HOPE RD

STH 145

STH 145

STH 145

RAMP CLOSED
R11-2R
48"X30"

LANE CLOSED
R11-2-L
48"X30"

50'

END ROAD WORK
G20-2A
48"X24"

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 3	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 3.DWG
LAYOUT NAME - 025023_TC

PLOT DATE : 5/23/2019 10:47 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

W20-1-A
ROAD WORK AHEAD

RIGHT LANE CLOSED AHEAD
W20-5-A

107TH STREET

W04-2R

ROAD WORK NEXT 1/2MILES
G20-1
60"X24"

RIGHT LANE CLOSED AHEAD
W20-5-A

ROAD WORK AHEAD
W20-1-A

350' 350' 350' 750

25'

W20-1-A
ROAD WORK AHEAD

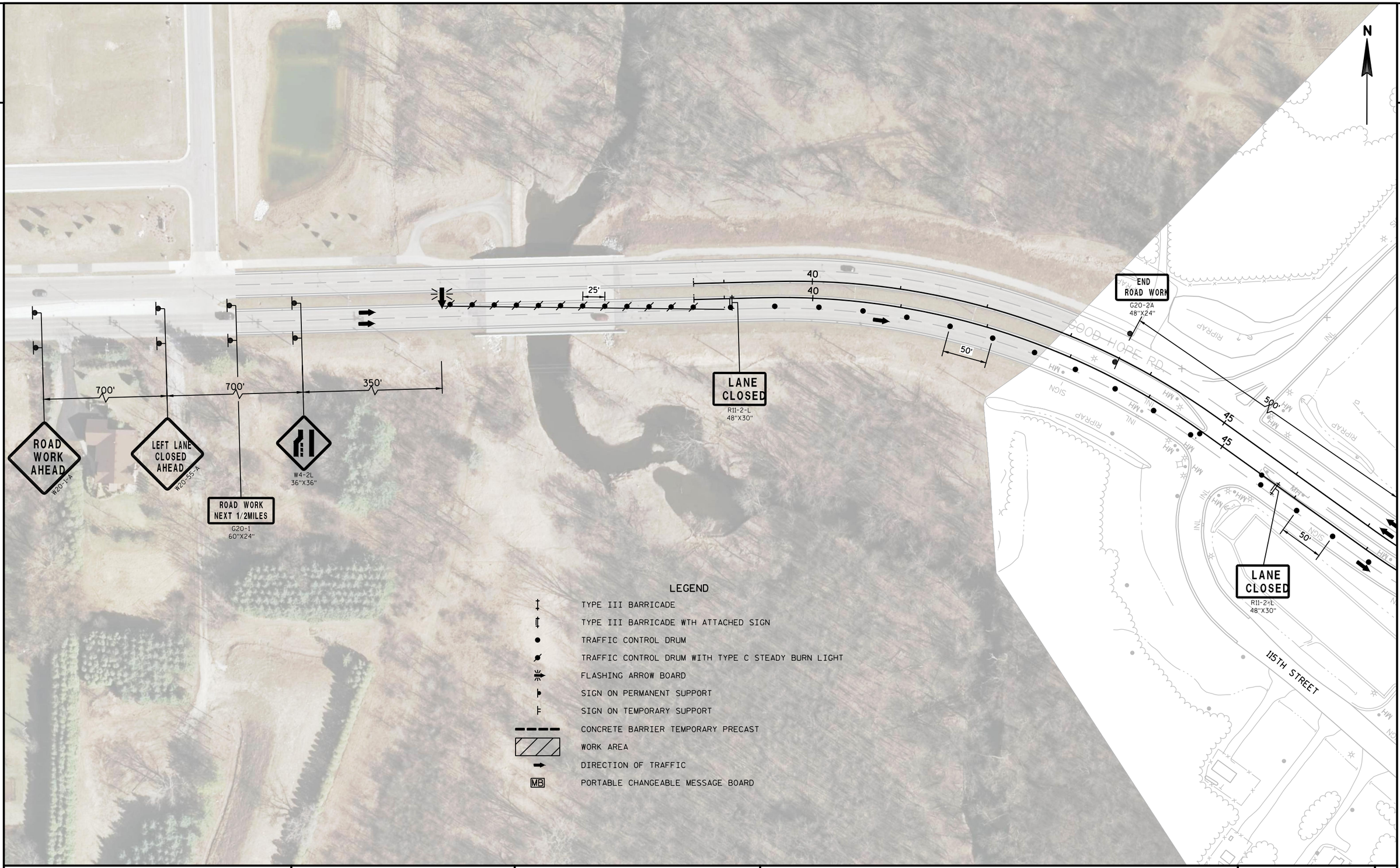
LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 3	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 3.DWG
LAYOUT NAME - 025024_TC
PLOT DATE : 5/23/2019 10:47 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2



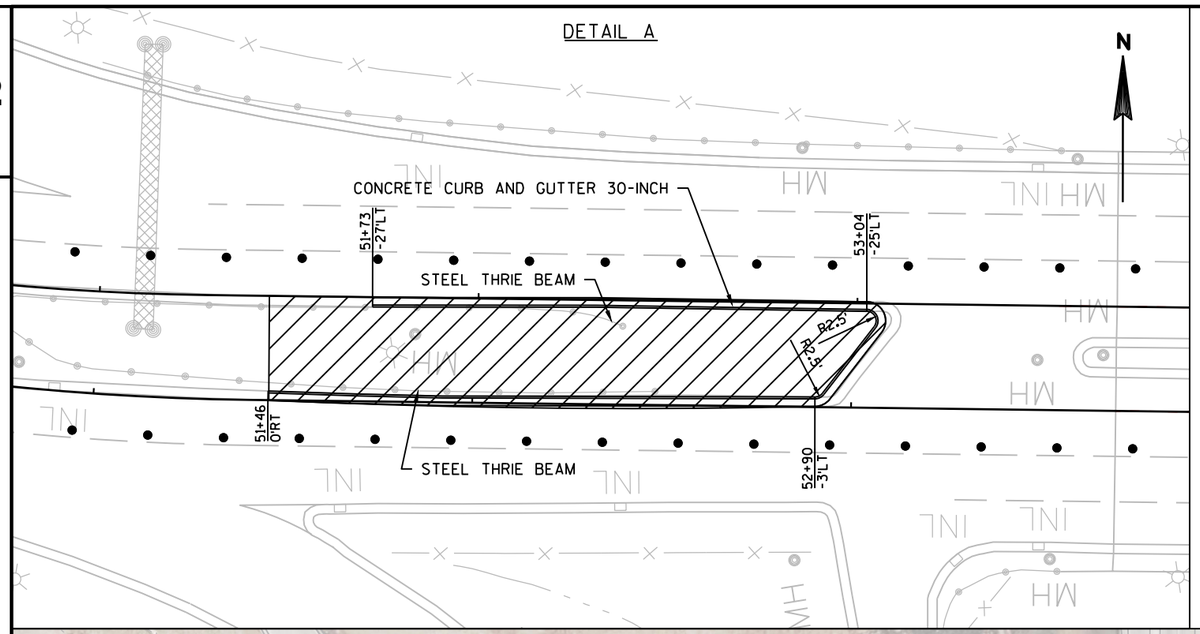
PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 4	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 4.DWG
LAYOUT NAME - 025025_TC

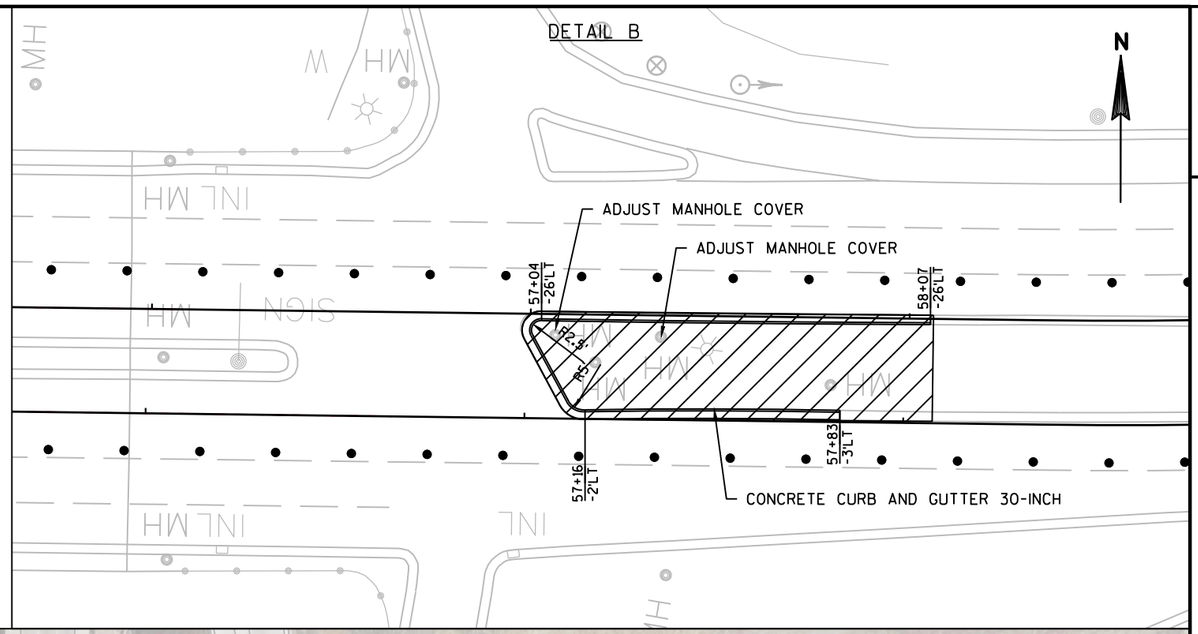
PLOT DATE : 5/23/2019 10:48 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

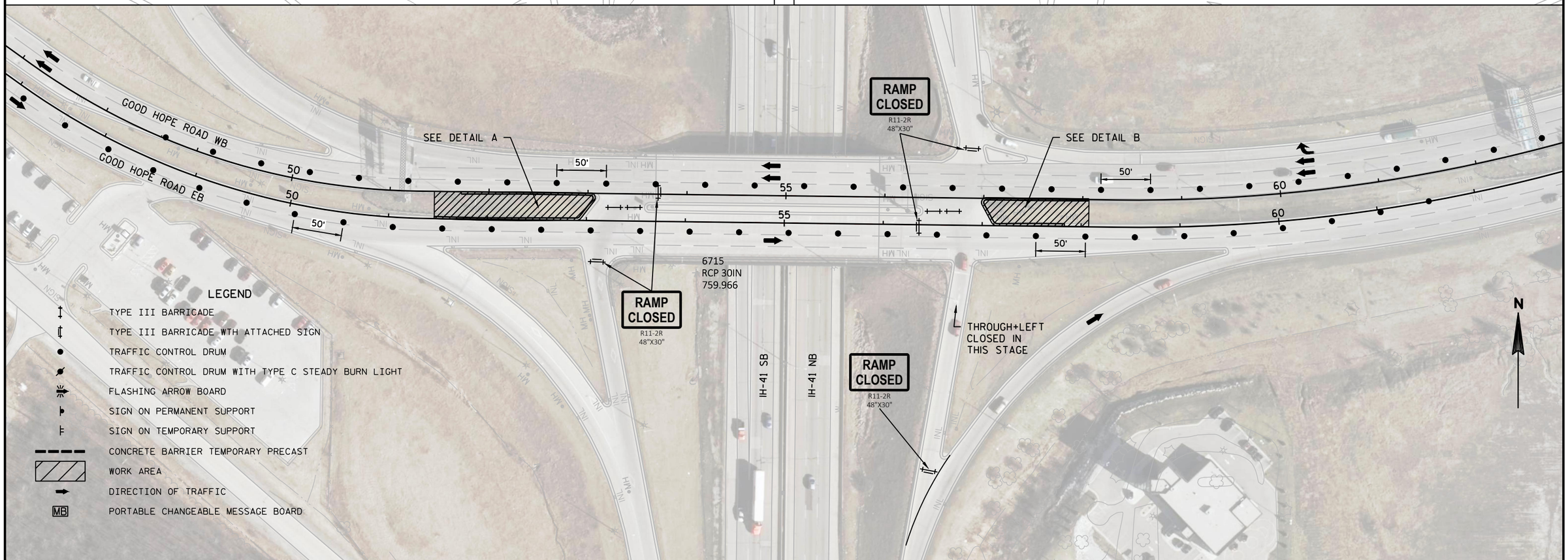
PRE_90

DETAIL A



DETAIL B



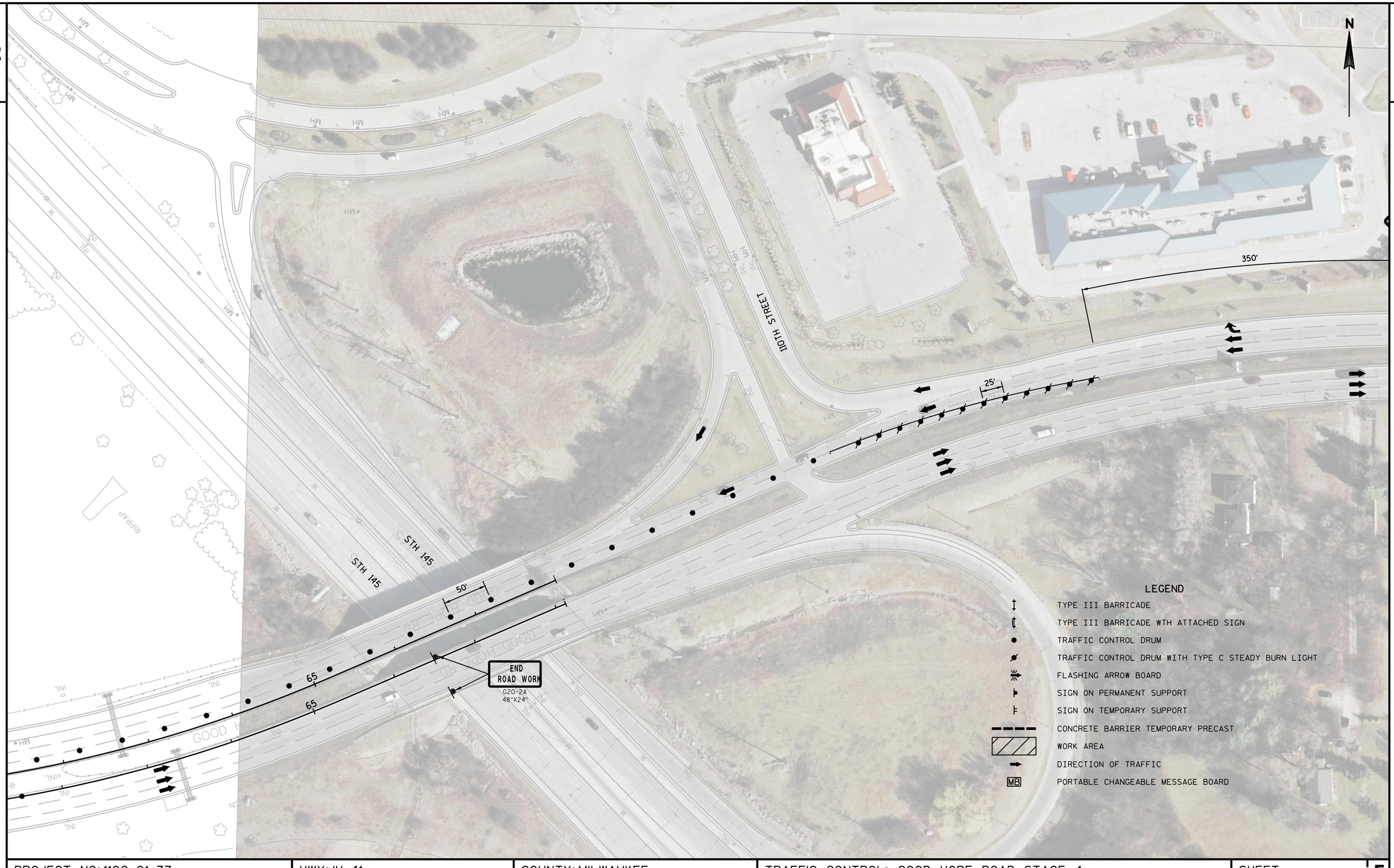


PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 4	SHEET E

PRE_91

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 4.DWG
LAYOUT NAME - 025026_TC

PLOT DATE : 5/23/2019 10:49 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 4	SHEET E

PRE_92

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 4.DWG
LAYOUT NAME - 025027_TC

PLOT DATE : 5/23/2019 10:49 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

ROAD WORK AHEAD
W20-1-A

LEFT LANE CLOSED AHEAD
W20-55-A

107TH STREET

ROAD WORK NEXT 1/2MILES
G20-1
60"X24"

LEFT LANE CLOSED AHEAD
W20-55-A

ROAD WORK AHEAD
W20-1-A

W04-2L

350'

350'

350'

750

25'

ROAD WORK AHEAD
W20-1-A

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH TYPE C STEADY BURN LIGHT
- FLASHING ARROW BOARD
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- CONCRETE BARRIER TEMPORARY PRECAST
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD STAGE 4	SHEET E

PRE_93

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177 GOOD HOPE RD STAGE 4.DWG
LAYOUT NAME - 025028_TC

PLOT DATE : 5/23/2019 10:50 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

N

ROAD WORK AHEAD
W20-1-A

2600'

RIGHT LANE CLOSED 1/2 MILE
W20-5-G

1600'

W4-2R

500'

RIGHT LANE CLOSED 1500 FT
W20-5-B

575'

SB IH 41

NB IH 41

500'

ROAD WORK AHEAD
W20-1-A

W4-2R

115th ST.

114th ST.

USH 41

SEPTIC

SIGN

POOL

U/C

410

415

420

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- 1 — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD NB EXIT RAMP	SHEET E

PRE_94

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC GOOD HOPE NB EXIT RAMP.DWG
LAYOUT NAME - 025029_tc

PLOT DATE : 5/23/2019 11:00 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- (1) — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE

N

115th ST.

SEPTIC

SB IH 41

NB IH 41

425 430 435

50' 50' 25'

1

LANE CLOSED
R11-2-L
48"X30"

114th ST.

500' 500' 500' TAPER 500'

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD NB EXIT RAMP	SHEET E

PRE_95

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC GOOD HOPE NB EXIT RAMP.DWG
LAYOUT NAME - 025030_tc

PLOT DATE : 5/23/2019 11:01 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

LEGEND

- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL WITH TYPE C STEADY BURN LIGHT
- SIGN ON PERMANENT SUPPORT
- SIGN ON TEMPORARY SUPPORT
- FLASHING ARROW BOARD
- WORK AREA
- DIRECTION OF TRAFFIC
- MB — PORTABLE CHANGEABLE MESSAGE BOARD
- (1) — TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH WHITE

N

EB GOOD HOPE RD

WB GOOD HOPE RD

SB IH 41

NB IH 41

500'

100'

500'

440

445

450

55

55

END ROAD WORK
G20-2A
48"X24"

RAMP CLOSED
R11-2-R
48"X30"

RIPRAP

SIGN

MH

INL

W

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	TRAFFIC CONTROL: GOOD HOPE ROAD NB EXIT RAMP	SHEET E

PRE_96

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_TC GOOD HOPE NB EXIT RAMP.DWG
LAYOUT NAME - 025031_tc

PLOT DATE : 5/23/2019 11:01 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

IH 41 RAMP TO BURLEIGH CLOSED FOLLOW DETOUR
BEGINS XXX XX

IH 41 RAMP TO BURLEIGH CLOSED FOLLOW DETOUR
BEGINS XXX XX

SILVER SPRING DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH-41 NB EXIT RAMP TO BURLEIGH ST CLOSED

IH 41

IH 41

CAPITOL DR

IH 41 RAMP TO BURLEIGH CLOSED FOLLOW DETOUR
BEGINS XXX XX

DETOUR SIGNS

A — M4-8 24"X12" / M3-4 24"X12" / M1-94 XX"X15": DETOUR WEST / BURLEIGH ST

B — M4-8 24"X12" / M3-2 24"X12" / M1-94 XX"X15": DETOUR EAST / BURLEIGH ST

C — M4-8A 24"X18" / M1-94 XX"X15": END DETOUR / BURLEIGH ST

1 — M06-2 30"X30"
2 — M05-1R 21"X21"
3 — M06-1 21"X21"
4 — M06-1 21"X21"
5 — M05-1L 21"X21"
6 — M06-1 21"X21"

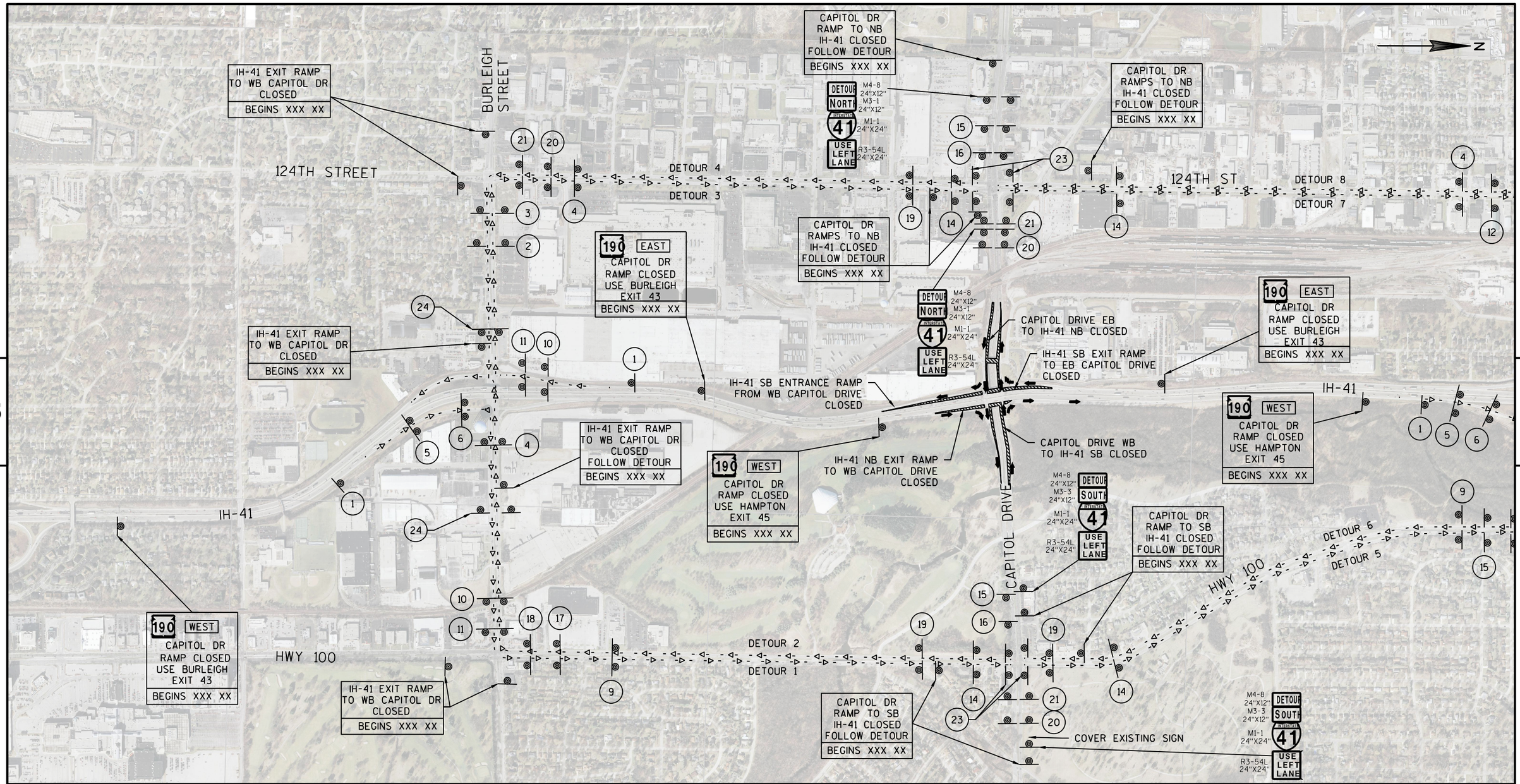
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	BURLEIGH ST DETOURS	SHEET E

PRE_97

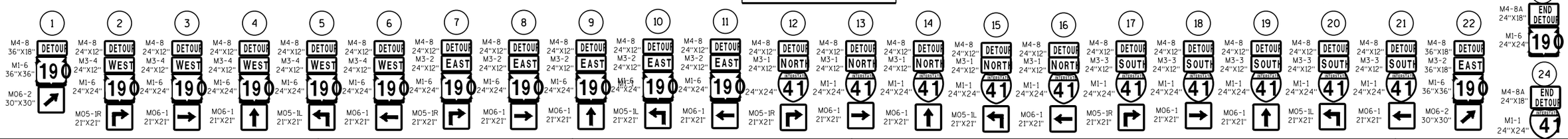
FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT BURLEIGH.DWG
LAYOUT NAME - 027001_dt_Burleigh

PLOT DATE : 5/23/2019 11:30 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 42



DETOUR SIGNS



PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	CAPITOL DRIVE DETOURS - STAGE 1	SHEET E

PRE_98

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT CAPITOL DR_STAGE1.DWG
LAYOUT NAME - 027001_DT_CAPITOL_STAGE 1-1

PLOT DATE : 5/23/2019 11:41 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME :

PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 44

CAPITOL DR RAMPS TO NB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

CAPITOL DR RAMPS TO NB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

IH-41 EXIT RAMP TO EB CAPITOL DR CLOSED
BEGINS XXX XX

CAPITOL DR RAMP TO NB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

190 EAST
CAPITOL DR RAMP CLOSED USE BURLEIGH EXIT 43
BEGINS XXX XX

IH-41 EXIT RAMP TO EB CAPITOL DR CLOSED FOLLOW DETOUR
BEGINS XXX XX

190 EAST
CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

CAPITOL DRIVE EB TO IH-41 NB CLOSED

IH-41 SB EXIT RAMP TO EB CAPITOL DRIVE CLOSED

IH-41 SB ENTRANCE RAMP FROM WB CAPITOL DRIVE CLOSED

IH-41

190 WEST
CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

190 CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH-41 NB EXIT RAMP TO WB CAPITOL DRIVE CLOSED

CAPITOL DRIVE WB TO IH-41 SB CLOSED

CAPITOL DRIVE

CAPITOL DR RAMP TO SB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

HWY 100

CAPITOL DR RAMP TO SB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

COVER EXISTING SIGN

IH-41 EXIT RAMP TO EB CAPITOL DR CLOSED
BEGINS XXX XX

HAMPTON AVENUE

124TH ST

DETOUR 1
DETOUR 2
DETOUR 3
DETOUR 4
DETOUR 5
DETOUR 6
DETOUR 7
DETOUR 8

5

5

N

DETOUR SIGNS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
DETOUR 190	DETOUR WEST 190	DETOUR WEST 190	DETOUR WEST 190	DETOUR WEST 190	DETOUR WEST 190	DETOUR EAST 190	DETOUR EAST 190	DETOUR EAST 190	DETOUR EAST 190	DETOUR EAST 190	DETOUR NORTH 41	DETOUR NORTH 41	DETOUR NORTH 41	DETOUR NORTH 41	DETOUR NORTH 41	DETOUR SOUTH 41	DETOUR SOUTH 41	DETOUR SOUTH 41	DETOUR SOUTH 41	DETOUR SOUTH 41	DETOUR EAST 190	END DETOUR 190	END DETOUR 41

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	CAPITOL DRIVE DETOURS - STAGE 1	SHEET E

PRE_99

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT CAPITOL DR_STAGE1.DWG
LAYOUT NAME - 027001_DT_CAPITOL_STAGE 1-2
PLOT DATE : 5/23/2019 11:41 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:1000 FT

IH-41 EXIT RAMP TO CAPITOL DR CLOSED
BEGINS XXX XX

BURLEIGH STREET

124TH STREET

CAPITOL DR RAMPS TO IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

M4-8 24"X12" DETOUR SOUTH
M3-3 24"X12"
M1-1 24"X24" INTERSTATE 41
R3-54R 24"X24" USE RIGHT LANE

M4-8 24"X12" DETOUR NORTH
M3-1 24"X12"
M1-1 24"X24" INTERSTATE 41
R3-54L 24"X24" USE LEFT LANE

CAPITOL DR RAMPS TO IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

DETOUR 4
DETOUR 3

124TH ST

DETOUR 8
DETOUR 7

190 CAPITOL DR RAMP CLOSED USE BURLEIGH EXIT 43
BEGINS XXX XX

IH-41 EXIT RAMP TO CAPITOL DR CLOSED
BEGINS XXX XX

IH-41 SB ENTRANCE RAMP FROM CAPITOL DRIVE CLOSED

IH-41 SB EXIT RAMP TO CAPITOL DRIVE CLOSED

190 CAPITOL DR RAMP CLOSED USE BURLEIGH EXIT 43
BEGINS XXX XX

IH-41 EXIT RAMP TO CAPITOL DR CLOSED FOLLOW DETOUR
BEGINS XXX XX

190 CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH-41 NB EXIT RAMP TO CAPITOL DRIVE CLOSED

190 CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH-41

CAPITOL DRIVE

M4-8 24"X12" DETOUR SOUTH
M3-3 24"X12"
M1-1 24"X24" INTERSTATE 41
R3-54L 24"X24" USE LEFT LANE

CAPITOL DR RAMP TO SB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

HWY 100

DETOUR 6
DETOUR 5

190 CAPITOL DR RAMP CLOSED USE BURLEIGH EXIT 43
BEGINS XXX XX

IH-41 EXIT RAMP TO CAPITOL DR CLOSED
BEGINS XXX XX

DETOUR 2
DETOUR 1

CAPITOL DR RAMP TO SB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

COVER EXISTING SIGN

M4-8 24"X12" DETOUR SOUTH
M3-3 24"X12"
M1-1 24"X24" INTERSTATE 41
R3-54L 24"X24" USE LEFT LANE

DETOUR SIGNS

1 M4-8 36"X18" DETOUR; M1-6 36"X36" 190; M06-2 30"X30"
2 M4-8 24"X12" DETOUR; M3-4 24"X12" WEST; M1-6 24"X24" 190; M05-1R 21"X21"
3 M4-8 24"X12" DETOUR; M3-4 24"X12" WEST; M1-6 24"X24" 190; M06-1 21"X21"
4 M4-8 24"X12" DETOUR; M3-4 24"X12" WEST; M1-6 24"X24" 190; M05-1R 21"X21"
5 M4-8 24"X12" DETOUR; M3-4 24"X12" WEST; M1-6 24"X24" 190; M05-1L 21"X21"
6 M4-8 24"X12" DETOUR; M3-4 24"X12" WEST; M1-6 24"X24" 190; M06-1 21"X21"
7 M4-8 24"X12" DETOUR; M3-2 24"X12" EAST; M1-6 24"X24" 190; M05-1R 21"X21"
8 M4-8 24"X12" DETOUR; M3-2 24"X12" EAST; M1-6 24"X24" 190; M06-1 21"X21"
9 M4-8 24"X12" DETOUR; M3-2 24"X12" EAST; M1-6 24"X24" 190; M05-1L 21"X21"
10 M4-8 24"X12" DETOUR; M3-2 24"X12" EAST; M1-6 24"X24" 190; M06-1 21"X21"
11 M4-8 24"X12" DETOUR; M3-2 24"X12" EAST; M1-6 24"X24" 190; M06-1 21"X21"
12 M4-8 24"X12" DETOUR; M3-1 24"X12" NORTH; M1-1 24"X24" INTERSTATE 41; M05-1R 21"X21"
13 M4-8 24"X12" DETOUR; M3-1 24"X12" NORTH; M1-1 24"X24" INTERSTATE 41; M06-1 21"X21"
14 M4-8 24"X12" DETOUR; M3-1 24"X12" NORTH; M1-1 24"X24" INTERSTATE 41; M06-1 21"X21"
15 M4-8 24"X12" DETOUR; M3-1 24"X12" NORTH; M1-1 24"X24" INTERSTATE 41; M05-1L 21"X21"
16 M4-8 24"X12" DETOUR; M3-1 24"X12" NORTH; M1-1 24"X24" INTERSTATE 41; M06-1 21"X21"
17 M4-8 24"X12" DETOUR; M3-3 24"X12" SOUTH; M1-1 24"X24" INTERSTATE 41; M05-1R 21"X21"
18 M4-8 24"X12" DETOUR; M3-3 24"X12" SOUTH; M1-1 24"X24" INTERSTATE 41; M06-1 21"X21"
19 M4-8 24"X12" DETOUR; M3-3 24"X12" SOUTH; M1-1 24"X24" INTERSTATE 41; M05-1L 21"X21"
20 M4-8 24"X12" DETOUR; M3-3 24"X12" SOUTH; M1-1 24"X24" INTERSTATE 41; M06-1 21"X21"
21 M4-8 24"X12" DETOUR; M3-3 24"X12" SOUTH; M1-1 24"X24" INTERSTATE 41; M06-1 21"X21"
22 M4-8 36"X18" DETOUR; M3-2 36"X18" EAST; M1-6 36"X36" 190; M06-2 30"X30"
23 M4-8A 24"X18" END DETOUR; M1-6 24"X24" 190; M4-8A 24"X18" END DETOUR; M1-1 24"X24" INTERSTATE 41

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	CAPITOL DRIVE DETOURS - STAGE 2	SHEET E

PRE_100

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT CAPITOL DR_STAGE2.DWG
LAYOUT NAME - 027001_DT_CAPITOL_STAGE 2-1
PLOT DATE : 5/23/2019 11:41 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:1000 FT

CAPITOL DR RAMPS TO IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

CAPITOL DR RAMPS TO IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

IH-41 EXIT RAMP TO CAPITOL DR CLOSED
BEGINS XXX XX

DETOUR 4
DETOUR 3

124TH ST

DETOUR 8
DETOUR 7

CAPITOL DR RAMP TO NB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

190 CAPITOL DR RAMP CLOSED USE BURLEIGH EXIT 43
BEGINS XXX XX

IH-41 EXIT RAMP TO CAPITOL DR CLOSED FOLLOW DETOUR
BEGINS XXX XX

190 CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH-41 SB EXIT RAMP TO CAPITOL DRIVE CLOSED

IH-41 SB ENTRANCE RAMPS FROM CAPITOL DRIVE CLOSED

IH-41

190 CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

USH 45 NB EXIT RAMP TO CAPITOL DRIVE CLOSED

CAPITOL DRIVE

CAPITOL DR RAMP TO SB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

DETOUR 6
DETOUR 5

HWY 100

DETOUR 2
DETOUR 1

CAPITOL DR RAMP TO SB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

COVER EXISTING SIGN

IH-41 EXIT RAMP TO CAPITOL DR CLOSED FOLLOW DETOUR
BEGINS XXX XX

HAMPTON AVENUE

190 CAPITOL DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

DETOUR SIGNS

PROJECT NO: 1100-01-77	HWY: IH-41	COUNTY: MILWAUKEE	CAPITOL DRIVE DETOURS - STAGE 2	SHEET PRE_101 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT CAPITOL DR_STAGE2.DWG
LAYOUT NAME - 027001_DT_CAPITOL_STAGE2-2

PLOT DATE : 5/23/2019 11:42 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT

WISDOT/CADDS SHEET 44

2

N

STH 190

CTH EE

IH 41

HAMPTON AVE

CAPITOL DR

SILVER SPRING DR

IH-41 EXIT RAMP TO HAMPTON CLOSED FOLLOW DETOUR
BEGINS XXX XX

HAMPTON AVE RAMP CLOSED USE CAPITOL EXIT 44
BEGINS XXX XX

HAMPTON AVE RAMP TO SB IH-41 CLOSED FOLLOW DETOUR
BEGINS XXX XX

HAMPTON AVE RAMP CLOSED USE SILVER SPRING EXIT 46
BEGINS XXX XX

IH-41 SB ENTRANCE RAMP FROM HAMPTON AVE CLOSED

IH-41 SB EXIT RAMP TO HAMPTON AVE CLOSED

IH-41 NB EXIT RAMP TO HAMPTON AVE CLOSED

HAMPTON AVE RAMPS CLOSED
BEGINS XXX XX

DETOUR SIGNS

A: M4-8 24"X12" / M3-4 24"X12" / M1-5A 24"X24" / M1-94 XX"X15" — DETOUR WEST / COUNTY EE / HAMPTON AVE

B: M4-8 24"X12" / M3-2 24"X12" / M1-5A 24"X24" / M1-94 XX"X15" — DETOUR EAST / COUNTY EE / HAMPTON AVE

C: M4-8A 24"X18" / M1-5A 24"X24" / M1-94 XX"X15" — END DETOUR / COUNTY EE / HAMPTON AVE

D: M4-8 24"X12" / M3-1 24"X12" / M1-1 24"X24" — DETOUR NORTH / INTERSTATE 41

E: M4-8 24"X12" / M3-3 24"X12" / M1-1 24"X24" — DETOUR SOUTH / INTERSTATE 41

F: M4-8A 24"X18" / M1-1 24"X24" — END DETOUR / INTERSTATE 41

1: M06-2 30"X30"

2: M05-1R 21"X21"

3: M06-1 21"X21"

4: M06-1 21"X21"

5: M05-1L 21"X21"

6: M06-1 21"X21"

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	HAMPTON DETOURS	SHEET E

PRE_102

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT HAMPTON.DWG
LAYOUT NAME - 027001_dt_Hampton

PLOT DATE : 5/29/2019 11:39 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT

2

N

STH 190

CTH EE

IH 41 RAMP TO SILVER SPRING CLOSED FOLLOW DETOUR
BEGINS XXX XX

IH-41 RAMP TO NB IH-41 CLOSED
BEGINS XXX XX

SILVER SPRING DR

COUNTY E EAST
SILVER SPRING DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH-41 SB ENTRANCE RAMP FROM WB SILVER SPRING DR CLOSED

IH-41 SB EXIT RAMP TO EB SILVER SPRING DR CLOSED

COUNTY E EAST
SILVER SPRING DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH 41

IH 41

COUNTY E
SILVER SPRING DR RAMP CLOSED USE HAMPTON EXIT 45
BEGINS XXX XX

IH-41 NB EXIT RAMP TO SILVER SPRING DR CLOSED

IH-41 RAMP TO SB IH-41 CLOSED
BEGINS XXX XX

CTH E

CAPITOL DR

IH 41 RAMP TO SILVER SPRING CLOSED
BEGINS XXX XX

HAMPTON AVE

DETOUR SIGNS

A

M4-8 24"X12"
M3-4 24"X12"
DETOUR WEST
COUNTY E
M1-5A 24"X24"
M1-94 XX'X15" SILVER SPRING DR

B

M4-8 24"X12"
M3-2 24"X12"
DETOUR EAST
COUNTY E
M1-5A 24"X24"
M1-94 XX'X15" SILVER SPRING DR

C

M4-8A 24"X18"
END DETOUR
COUNTY E
M1-5A 24"X24"
M1-94 XX'X15" SILVER SPRING DR

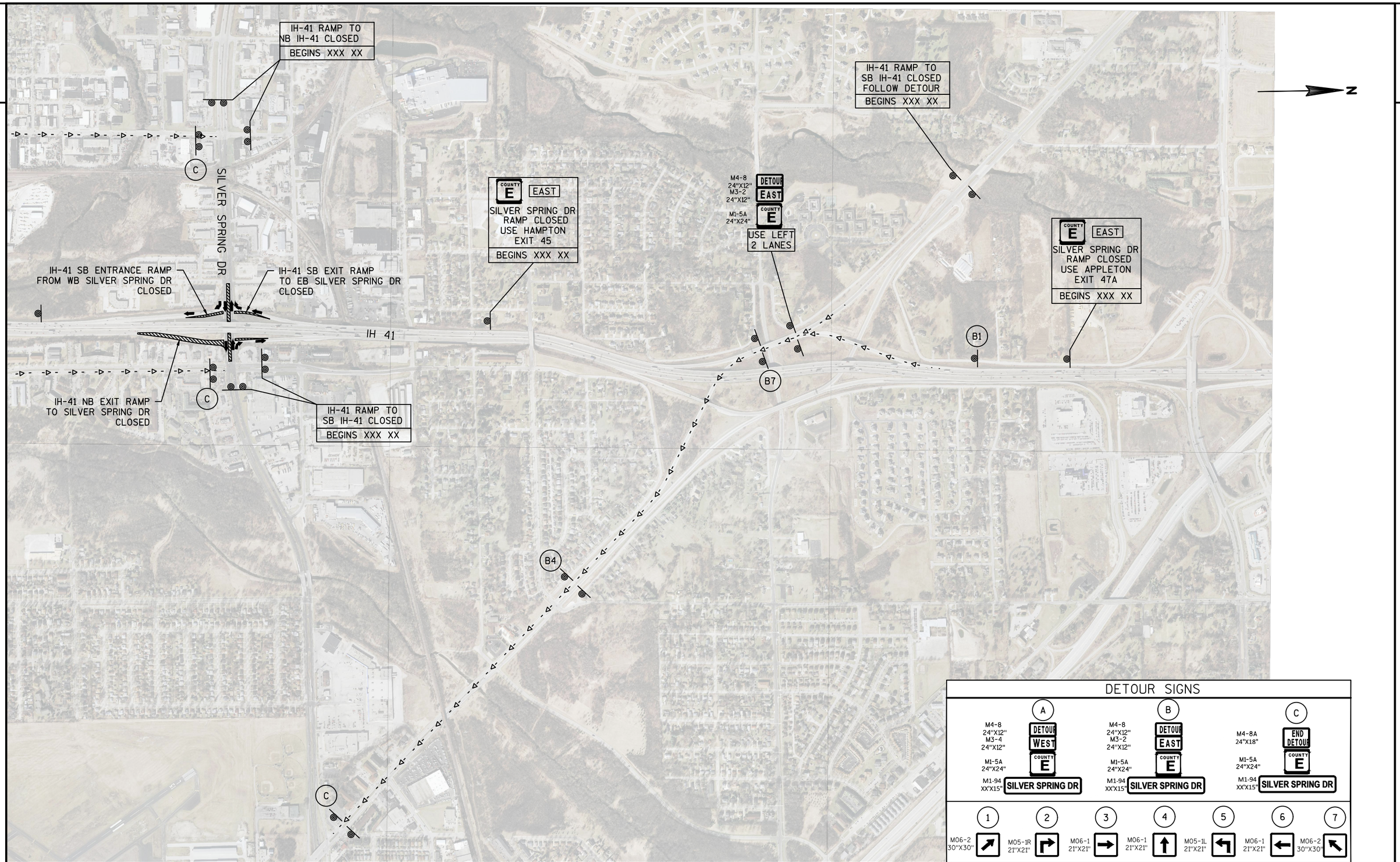
1 M06-2 30"X30"
2 M05-1R 21"X21"
3 M06-1 21"X21"
4 M06-1 21"X21"
5 M05-1L 21"X21"
6 M06-1 21"X21"

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	SILVER SPRING DR DETOURS - STAGE 1	SHEET E

PRE_103

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT SILVER SPRING.DWG
LAYOUT NAME - 027001_dt_Silver Spring_Stage1_1

PLOT DATE : 5/29/2019 1:25 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	SILVER SPRING DR DETOURS - STAGE 1	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT SILVER SPRING.DWG
LAYOUT NAME - 027001_dt_Silver Spring_Stage1_2

PLOT DATE : 5/29/2019 1:25 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT

PRE_104

2

A6

B1

B2

SB IH 41
NB IH 41

Silver Spring Dr 1/4
175 NORTH CLOSED
Good Hope Rd 2 1/4

G20-60
108"X24"

APPLETON AVE
CLOSED AT IH-41
FOLLOW DETOUR
BEGINS XXX XX

DETOUR SIGNS

A

M4-8
24"X12"
M3-3
24"X12"
M1-4
24"X24"

DETOUR
SOUTH
175

B

M4-8
24"X12"
M3-1
24"X12"
M1-4
24"X24"

DETOUR
NORTH
175

C

M4-8A
24"X18"
M1-4
24"X24"

END
DETOUR
175

1	2	3	4	5	6	7
M5-1R 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M6-1 21"X21"	M5-1L 21"X21"

N

Hampton Ave 1/4
Silver Spring Dr 1 1/4
175 NORTH CLOSED

G20-60
108"X24"

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	APPLETON AVE DETOURS	SHEET E

PRE_105

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT APPLETON.DWG
LAYOUT NAME - 027002_dt

PLOT DATE : 5/29/2019 1:42 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT

2

DETOUR SIGNS

A	B	C
M4-8 24"X12" / M3-3 24"X12" / M1-4 24"X24" — DETOUR SOUTH 175	M4-8 24"X12" / M3-1 24"X12" / M1-4 24"X24" — DETOUR NORTH 175	M4-8A 24"X18" / M1-4 24"X24" — END DETOUR 175

1	2	3	4	5	6	7
M5-1R 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M6-1 21"X21"	M5-1L 21"X21"

MILL RD

MILL RD

WB APPLETON AVE
EB APPLETON AVE

W FLORIST AVE

SB IH 41
NB IH 41

175 NORTH **CLOSED** — G20-60 108"X24"
Good Hope Rd 1½
145 NORTH 2

EXIT 47 A
175 NORTH
APPLETON AVE
CLOSED — G20-60 108"X24"

APPLETON AVE
RAMP CLOSED USE
GOOD HOPE ROAD
EXIT 47B
BEGINS XXX XX

APPLETON AVE
CLOSED AT IH-41
FOLLOW DETOUR
BEGINS XXX XX

N

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	APPLETON AVE DETOURS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT APPLETON.DWG
LAYOUT NAME - 027003_dt
PLOT DATE : 5/29/2019 1:42 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:1000 FT

2

N

WB APPLETON AVE
EB APPLETON AVE

APPLETON AVE
CLOSED AT IH-41
FOLLOW DETOUR
BEGINS XXX XX

WB GOOD HOPE RD
EB GOOD HOPE RD

APPLETON AVE
CLOSED AT IH-41
FOLLOW DETOUR
BEGINS XXX XX

SB IH 41
NB IH 41

EXIT 47 A
175
APPLETON AVE
G20-60
108"X24"
CLOSED

APPLETON AVE
RAMP CLOSED USE
SILVER SPRING DR
EXIT 46
BEGINS XXX XX

MILL RD

W FLORIST AVE

APPLETON AVE
CLOSED AT IH-41
FOLLOW DETOUR
BEGINS XXX XX

DETOUR SIGNS

A	B	C
M4-8 24"X12" DETOUR SOUTH M3-3 24"X12" M1-4 24"X24" 175	M4-8 24"X12" DETOUR NORTH M3-1 24"X12" M1-4 24"X24" 175	M4-8A 24"X18" END DETOUR M1-4 24"X24" 175

1	2	3	4	5	6	7
M5-1R 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M6-1 21"X21"	M5-1L 21"X21"

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	APPLETON AVE DETOURS	SHEET E

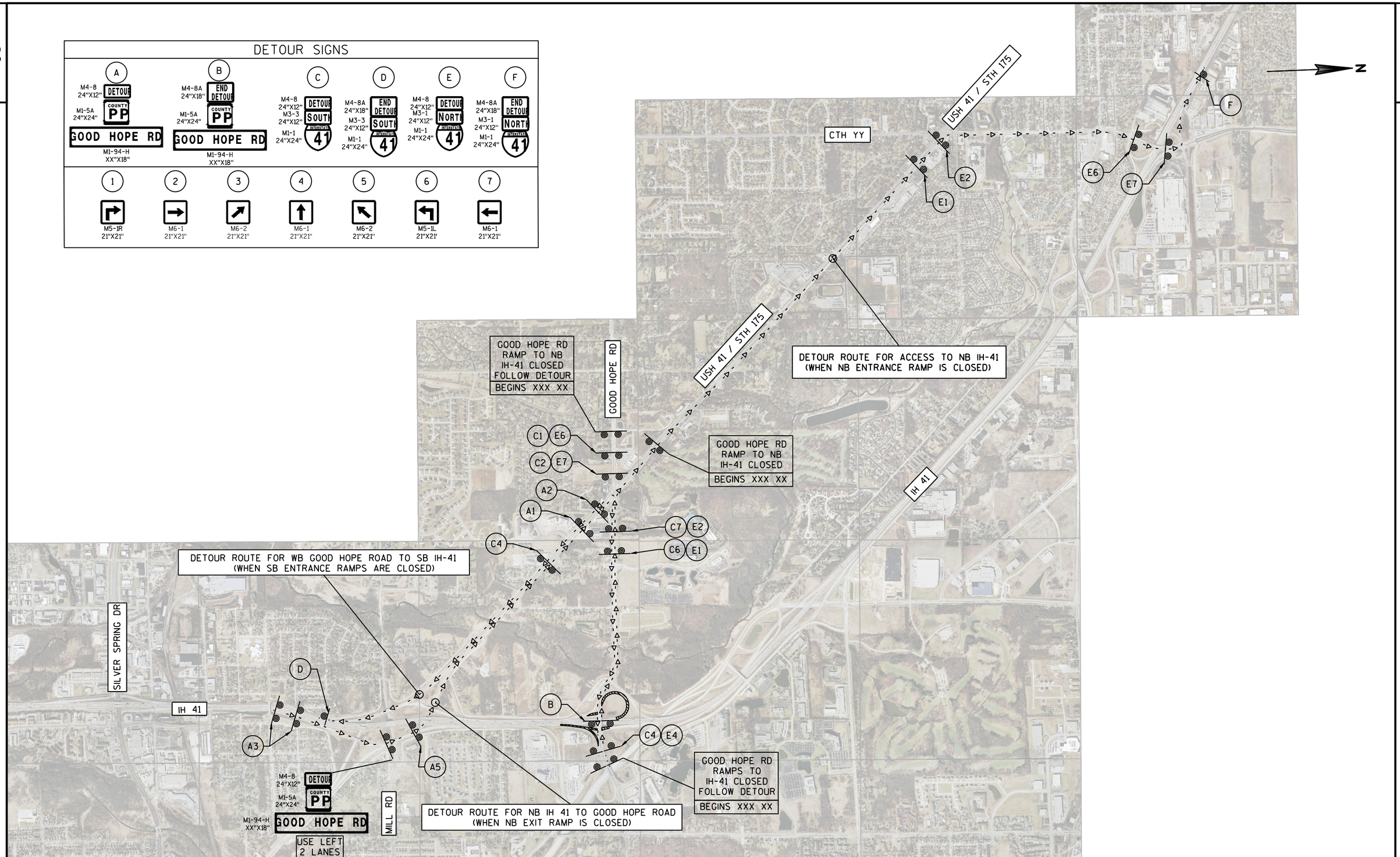
FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT APPLETON.DWG
LAYOUT NAME - 027004_dt

PLOT DATE : 5/29/2019 1:42 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:1000 FT

DETOUR SIGNS

A	B	C	D	E	F
M4-8 24"X12" DETOUR; M1-5A 24"X24" COUNTY PP; GOOD HOPE RD; M1-94-H XX"X18"	M4-8A 24"X18" END DETOUR; M1-5A 24"X24" COUNTY PP; GOOD HOPE RD; M1-94-H XX"X18"	M4-8 24"X12" DETOUR SOUTH; M3-3 24"X12"; M1-1 24"X24" INTERSTATE 41	M4-8A 24"X18" END DETOUR SOUTH; M3-3 24"X12"; M1-1 24"X24" INTERSTATE 41	M4-8 24"X12" DETOUR NORTH; M3-1 24"X12"; M1-1 24"X24" INTERSTATE 41	M4-8A 24"X18" END DETOUR NORTH; M3-1 24"X12"; M1-1 24"X24" INTERSTATE 41

1	2	3	4	5	6	7
M5-1R 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M6-1 21"X21"	M6-2 21"X21"	M5-1L 21"X21"	M6-1 21"X21"



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	GOOD HOPE DETOURS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_DT GOOD HOPE RD.DWG
LAYOUT NAME - 027005_DT
PLOT DATE : 5/30/2019 1:35 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:2000 FT
WISDOT/CADDS SHEET 42

2

CURVE BG 1
PI STA = 4+62.65"BG"
Y = 312986.969
X = 566058.603
DELTA = 12°47'07"
D = 7°30'00"
T = 85.59'
L = 170.47'
R = 763.94'
PC STA = 3+77.06"BG"
Y = 312901.392
X = 566060.090
PT STA = 5+47.53"BG"
Y = 313070.754
X = 566076.092
BK = N00°59'43.1"W
AH = N11°47'24.0"E

CURVE BG 2
PI STA = 9+48.12"BG"
Y = 313462.892
X = 566157.942
DELTA = 7°00'20"
D = 3°30'00"
T = 100.20'
L = 200.16'
R = 1637.02'
PC STA = 8+47.91"BG"
Y = 313364.802
X = 566137.468
PT STA = 10+48.07"BG"
Y = 313562.747
X = 566166.300
BK = N11°47'24.0"E
AH = N04°47'04.0"E

CURVE IH41 1
PI STA = 200+46.78
Y = 314709.331
X = 566261.162
DELTA = 15°42'12"
D = 2°15'00"
T = 351.17'
L = 697.93'
R = 2546.48'
PC STA = 196+95.62
Y = 314358.168
X = 566259.810
PT STA = 203+93.54
Y = 315047.020
X = 566357.509
BK = N00°13'14.5"E
AH = N15°55'26.7"E

N

STA. 180+55.21, 391.60' LT
STA. 193+67.67 "BR"
Y=312,719.28
X=565,861.89

℄ BR

195'BR'

PC
PI
N0° 59' 43"W
178.64'
5"BG"
CURVE BG 1
PT
N11° 47' 24"E
300.39'
BURLEIGH SB EXIT RAMP
CURVE BG 2
PC
PI
10"BG"
PT
℄ BG
N4° 47' 04"E
452.67'
15"BG"

STA. 193+51.08, 54.43' LT
STA. 15+00.75 "BG"
Y=314,013.84
X=566,204.06

STA. 180+59.48, 190.32' LT
STA. 1+98.42 "BG"
Y=312,722.78
X=566,063.19

PI
175
180
PT
STA 180+63.52 =
STA 197+59.36 "BR"

749.08'
N89° 00' 17"E

N0° 13' 15"E
1761.43'

185
190
℄ IH41
195
PC
200
PI
CURVE IH41 1
PT

W BURLEIGH ST
200'BR'

STA. 180+71.11, 357.19' RT
STA. 201+16.75 "BR"
Y=312,732.29
X=566,610.86

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_109

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027201_ad
PLOT DATE : 6/4/2019 2:13 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

CURVE CA 1
PI STA = 216+78.77"CA"
Y = 316286.151
X = 566505.584
DELTA = 4°59'41"
D = 1°20'34"
T = 186.10'
L = 371.97'
R = 4267.02'
PC STA = 214+92.67"CA"
Y = 316100.165
X = 566512.216
PT STA = 218+64.64"CA"
Y = 316470.853
X = 566482.784
BK = N02°02'32.6"W
AH = N07°02'13.5"W

CURVE CA 2
PI STA = 219+66.90"CA"
Y = 316572.129
X = 566468.662
DELTA = 3°02'02"
D = 1°29'02"
T = 102.26'
L = 204.46'
R = 3861.53'
PC STA = 218+64.64"CA"
Y = 316470.853
X = 566482.784
PT STA = 220+69.11"CA"
Y = 316672.516
X = 566449.201
BK = N07°56'16.3"W
AH = N10°58'17.9"W

CURVE CA 3
PI STA = 223+68.83"CA"
Y = 316966.151
X = 566390.239
DELTA = 9°27'42"
D = 25°27'53"
T = 18.62'
L = 37.16'
R = 225.00'
PC STA = 223+50.21"CA"
Y = 316947.615
X = 566392.008
PT STA = 223+87.36"CA"
Y = 316984.145
X = 566385.447
BK = N05°27'00.3"W
AH = N14°54'42.5"W

CURVE CA 4
PI STA = 231+49.99"CA"
Y = 317732.318
X = 566239.522
DELTA = 17°34'51"
D = 21°35'56"
T = 41.02'
L = 81.40'
R = 265.27'
PC STA = 231+08.97"CA"
Y = 317691.839
X = 566246.169
PT STA = 231+90.37"CA"
Y = 317768.898
X = 566220.959
BK = N09°19'30.9"W
AH = N26°54'21.8"W

CURVE CA 5
PI STA = 232+90.74"CA"
Y = 317858.403
X = 566175.538
DELTA = 66°47'22"
D = 37°37'58"
T = 100.37'
L = 177.48'
R = 152.25'
PC STA = 231+90.37"CA"
Y = 317768.898
X = 566220.959
PT STA = 233+67.84"CA"
Y = 317851.934
X = 566075.377
BK = N26°54'21.8"W
AH = S86°18'16.3"W

CURVE CA 6
PI STA = 234+25.45"CA"
Y = 317848.221
X = 566017.888
DELTA = 3°17'59"
D = 2°51'53"
T = 57.61'
L = 115.19'
R = 2000.00'
PC STA = 233+67.84"CA"
Y = 317851.934
X = 566075.377
PT STA = 234+83.03"CA"
Y = 317847.823
X = 565960.280
BK = S86°18'16.3"W
AH = S89°36'15.7"W

CURVE CF2 1
PI STA = 12+09.34"CF2"
Y = 318054.150
X = 565539.772
DELTA = 6°42'00"
D = 3°30'00"
T = 95.82'
L = 191.43'
R = 1637.02'
PC STA = 11+13.52"CF2"
Y = 318049.968
X = 565444.039
PT STA = 13+04.95"CF2"
Y = 318047.135
X = 565635.340
BK = N87°29'54.8"E
AH = S85°48'04.9"E

CURVE CF2 2
PI STA = 16+46.02"CF2"
Y = 318022.164
X = 565975.490
DELTA = 9°32'30"
D = 3°41'22"
T = 129.62'
L = 258.63'
R = 1553.02'
PC STA = 15+16.40"CF2"
Y = 318031.653
X = 565846.223
PT STA = 17+75.03"CF2"
Y = 318034.233
X = 566104.542
BK = S85°48'04.9"E
AH = N84°39'25.0"E

CURVE CF2 3
PI STA = 21+26.65"CF2"
Y = 318066.975
X = 566454.631
DELTA = 5°46'07"
D = 3°41'22"
T = 78.25'
L = 156.36'
R = 1553.02'
PC STA = 20+48.40"CF2"
Y = 318059.689
X = 566376.726
PT STA = 22+04.76"CF2"
Y = 318082.055
X = 566531.411
BK = N84°39'25.0"E
AH = N78°53'18.1"E

CURVE CF2 4
PI STA = 26+15.29"CF2"
Y = 318161.173
X = 566934.245
DELTA = 15°26'54"
D = 4°30'00"
T = 172.70'
L = 343.30'
R = 1273.24'
PC STA = 24+42.60"CF2"
Y = 318127.891
X = 566764.787
PT STA = 27+85.89"CF2"
Y = 318148.114
X = 567106.445
BK = N78°53'18.1"E
AH = S85°39'48.1"E

CURVE CB 1
PI STA = 11+91.61"CB"
Y = 318251.381
X = 566167.768
DELTA = 10°49'00"
D = 3°19'45"
T = 162.94'
L = 324.91'
R = 1721.02'
PC STA = 10+28.67"CB"
Y = 318090.605
X = 566194.217
PT STA = 13+53.58"CB"
Y = 318414.264
X = 566171.960
BK = N09°20'31.7"W
AH = N01°28'28.5"E

CURVE IH41 2
PI STA = 213+70.66
Y = 315986.637
X = 566625.593
DELTA = 25°16'11"
D = 2°15'00"
T = 570.83'
L = 1123.09'
R = 2546.48'
PC STA = 207+99.83
Y = 315437.712
X = 566468.978
PT STA = 219+22.92
Y = 316549.890
X = 566532.897
BK = N15°55'26.7"E
AH = N09°20'43.9"W

CURVE IH41 3
PI STA = 236+51.38
Y = 318255.410
X = 566252.216
DELTA = 10°47'58"
D = 3°30'00"
T = 154.73'
L = 308.55'
R = 1637.02'
PC STA = 234+96.65
Y = 318102.729
X = 566277.343
PT STA = 238+05.20
Y = 318410.095
X = 566256.142
BK = N09°20'43.9"W
AH = N01°27'13.7"E

CURVE CF1 2
PI STA = 19+60.59"CF1"
Y = 317847.272
X = 565909.644
DELTA = 14°00'36"
D = 3°19'45"
T = 211.47'
L = 420.82'
R = 1721.02'
PC STA = 17+49.12"CF1"
Y = 317879.138
X = 565700.592
PT STA = 21+69.94"CF1"
Y = 317866.964
X = 566120.193
BK = S81°19'59.0"E
AH = N84°39'25.0"E

CURVE CF1 3
PI STA = 25+72.76"CF1"
Y = 317904.473
X = 566521.255
DELTA = 8°19'52"
D = 3°19'45"
T = 125.34'
L = 250.25'
R = 1721.02'
PC STA = 24+47.41"CF1"
Y = 317892.801
X = 566396.456
PT STA = 26+97.66"CF1"
Y = 317934.104
X = 566643.046
BK = N84°39'25.0"E
AH = N76°19'33.1"E

CURVE CF1 4
PI STA = 29+80.42"CF1"
Y = 318000.950
X = 566917.798
DELTA = 6°52'03"
D = 3°30'00"
T = 98.22'
L = 196.21'
R = 1637.02'
PC STA = 28+82.20"CF1"
Y = 317977.730
X = 566822.357
PT STA = 30+78.41"CF1"
Y = 318012.592
X = 567015.330
BK = N76°19'33.1"E
AH = N83°11'36.1"E

CURVE CC 1
PI STA = 14+26.58"CC"
Y = 317330.603
X = 566488.793
DELTA = 4°34'27"
D = 7°29'23"
T = 30.55'
L = 61.07'
R = 765.00'
PC STA = 13+96.03"CC"
Y = 317300.157
X = 566491.333
PT STA = 14+57.10"CC"
Y = 317360.750
X = 566483.833
BK = N04°46'08.2"W
AH = N09°20'34.7"W

CURVE C 1
PI STA = 117+55.13"C"
Y = 317934.576
X = 565941.054
DELTA = 12°00'00"
D = 3°30'00"
T = 172.06'
L = 342.86'
R = 1637.02'
PC STA = 115+83.07"C"
Y = 317954.522
X = 565770.156
PT STA = 119+25.93"C"
Y = 317950.598
X = 566112.364
BK = S83°20'35.0"E
AH = N84°39'25.0"E

CURVE C 2
PI STA = 122+74.87"C"
Y = 317983.091
X = 566459.790
DELTA = 5°00'00"
D = 3°30'00"
T = 71.47'
L = 142.86'
R = 1637.02'
PC STA = 122+03.39"C"
Y = 317976.436
X = 566388.627
PT STA = 123+46.25"C"
Y = 317995.924
X = 566530.102
BK = N84°39'25.0"E
AH = N79°39'25.0"E

STA. 214+70.57, 54.22' LT
STA. 214+92.67 "CA"
Y=316,100.17
X=566,512.22

STA. 218+23.63, 46.39' RT
STA. 5+45.82 "CC"
Y=316,457.37
X=566,593.14

STA. 234+87.54, 715.50' LT
STA. 113+84.39 "C"
Y=317,977.55
X=565,572.82

STA. 232+96.61, 354.25' LT
STA. 234+83.03 "CA"
Y=317,847.82
X=565,960.28

STA. 232+66.57, 411.96' LT
STA. 18+65.20 "HD"
Y=317,808.81
X=565,908.21

STA. 235+58.61, 353.66' LT
STA. 21+76.39 "HD"
Y=318,119.86
X=565,917.55

STA. 232+81.88, 84.00' LT
STA. 8+12.37 "CB"
Y=317,877.17
X=566,229.33

STA. 234+38.59, 83.29' RT
STA. 21+64.70 "CC"
Y=318,058.96
X=566,368.96

STA. 233+54.92, 502.23' RT
STA. 126+16.46 "C"
Y=318,044.44
X=566,795.92

STA. 232+79.26, 892.91' RT
STA. 32+58.50 "CF1"
Y=318,033.22
X=567,193.70

STA. 233+82.49, 936.85' RT
STA. 29+00.00 "CF2"
Y=318,142.22
X=567,220.30

STA 232+76.00 =
STA 23+63.77 "CF1"

STA 233+60.21 =
STA 121+13.88 "C"

STA 234+44.41 =
STA 19+57.11 "CF2"

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET PRE_110 E

2

CURVE CA 1
PI STA = 216+78.77"CA"
Y = 316286.151
X = 566505.584
DELTA = 4°59'41"
D = 1°20'34"
T = 186.10'
L = 371.97'
R = 4267.02'
PC STA = 214+92.67"CA"
Y = 316100.165
X = 566512.216
PT STA = 218+64.64"CA"
Y = 316470.853
X = 566482.784
BK = N02°02'32.6"W
AH = N07°02'13.5"W

CURVE CA 2
PI STA = 219+66.90"CA"
Y = 316572.129
X = 566468.662
DELTA = 3°02'02"
D = 1°29'02"
T = 102.26'
L = 204.46'
R = 3861.53'
PC STA = 218+64.64"CA"
Y = 316470.853
X = 566482.784
PT STA = 220+69.11"CA"
Y = 316672.516
X = 566449.201
BK = N07°56'16.3"W
AH = N10°58'17.9"W

CURVE CA 3
PI STA = 223+68.83"CA"
Y = 316966.151
X = 566390.239
DELTA = 9°27'42"
D = 25°27'53"
T = 18.62'
L = 37.16'
R = 225.00'
PC STA = 223+50.21"CA"
Y = 316947.615
X = 566392.008
PT STA = 223+87.36"CA"
Y = 316984.145
X = 566385.447
BK = N05°27'00.3"W
AH = N14°54'42.5"W

CURVE CA 4
PI STA = 231+49.99"CA"
Y = 317732.318
X = 566239.522
DELTA = 17°34'51"
D = 21°35'56"
T = 41.02'
L = 81.40'
R = 265.27'
PC STA = 231+08.97"CA"
Y = 317691.839
X = 566246.169
PT STA = 231+90.37"CA"
Y = 317768.898
X = 566220.959
BK = N09°19'30.9"W
AH = N26°54'21.8"W

CURVE CA 5
PI STA = 232+90.74"CA"
Y = 317858.403
X = 566175.538
DELTA = 66°47'22"
D = 37°37'58"
T = 100.37'
L = 177.48'
R = 152.25'
PC STA = 231+90.37"CA"
Y = 317768.898
X = 566220.959
PT STA = 233+67.84"CA"
Y = 317851.934
X = 566075.377
BK = N26°54'21.8"W
AH = S86°18'16.3"W

CURVE CA 6
PI STA = 234+25.45"CA"
Y = 317848.221
X = 566017.888
DELTA = 3°17'59"
D = 2°51'53"
T = 57.61'
L = 115.19'
R = 2000.00'
PC STA = 233+67.84"CA"
Y = 317851.934
X = 566075.377
PT STA = 234+83.03"CA"
Y = 317847.823
X = 565960.280
BK = S86°18'16.3"W
AH = S89°36'15.7"W

CURVE CF2 1
PI STA = 12+09.34"CF2"
Y = 318054.150
X = 565539.772
DELTA = 6°42'00"
D = 3°30'00"
T = 95.82'
L = 191.43'
R = 1637.02'
PC STA = 11+13.52"CF2"
Y = 318049.968
X = 565444.039
PT STA = 13+04.95"CF2"
Y = 318047.135
X = 565635.340
BK = N87°29'54.8"E
AH = S85°48'04.9"E

CURVE CF2 2
PI STA = 16+46.02"CF2"
Y = 318022.164
X = 565975.490
DELTA = 9°32'30"
D = 3°41'22"
T = 129.62'
L = 258.63'
R = 1553.02'
PC STA = 15+16.40"CF2"
Y = 318031.653
X = 565846.223
PT STA = 17+75.03"CF2"
Y = 318034.233
X = 566104.542
BK = S85°48'04.9"E
AH = N84°39'25.0"E

CURVE CF2 3
PI STA = 21+26.65"CF2"
Y = 318066.975
X = 566454.631
DELTA = 5°46'07"
D = 3°41'22"
T = 78.25'
L = 156.36'
R = 1553.02'
PC STA = 20+48.40"CF2"
Y = 318059.689
X = 566376.726
PT STA = 22+04.76"CF2"
Y = 318082.055
X = 566531.411
BK = N84°39'25.0"E
AH = N78°53'18.1"E

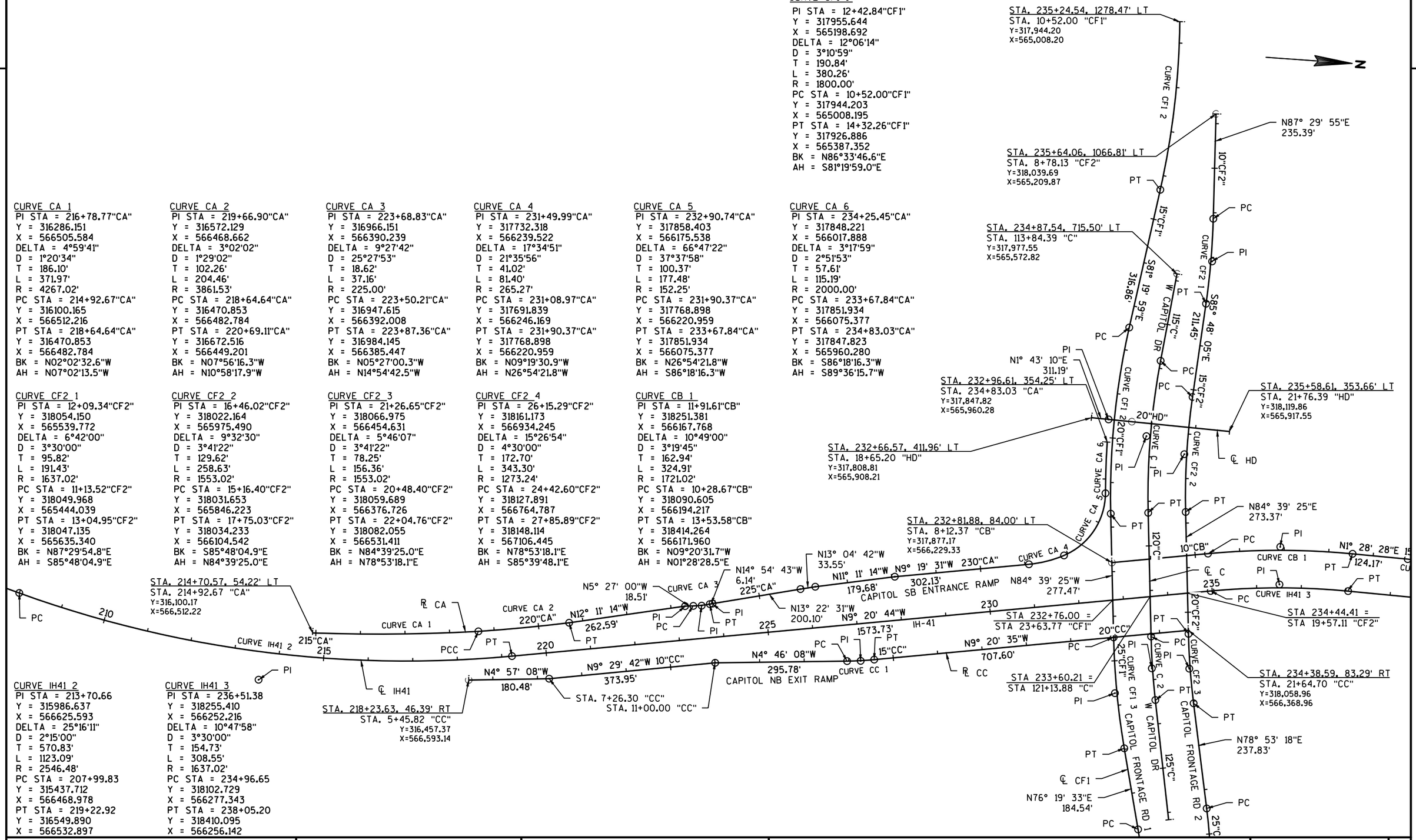
CURVE CF2 4
PI STA = 26+15.29"CF2"
Y = 318161.173
X = 566934.245
DELTA = 15°26'54"
D = 4°30'00"
T = 172.70'
L = 343.30'
R = 1273.24'
PC STA = 24+42.60"CF2"
Y = 318127.891
X = 566764.787
PT STA = 27+85.89"CF2"
Y = 318148.114
X = 567106.445
BK = N78°53'18.1"E
AH = S85°39'48.1"E

CURVE CB 1
PI STA = 11+91.61"CB"
Y = 318251.381
X = 566167.768
DELTA = 10°49'00"
D = 3°19'45"
T = 162.94'
L = 324.91'
R = 1721.02'
PC STA = 10+28.67"CB"
Y = 318090.605
X = 566194.217
PT STA = 13+53.58"CB"
Y = 318414.264
X = 566171.960
BK = N09°20'31.7"W
AH = N01°28'28.5"E

CURVE IH41 2
PI STA = 213+70.66
Y = 315986.637
X = 566625.593
DELTA = 25°16'11"
D = 2°15'00"
T = 570.83'
L = 1123.09'
R = 2546.48'
PC STA = 207+99.83
Y = 315437.712
X = 566468.978
PT STA = 219+22.92
Y = 316549.890
X = 566532.897

CURVE IH41 3
PI STA = 236+51.38
Y = 318255.410
X = 566252.216
DELTA = 10°47'58"
D = 3°30'00"
T = 154.73'
L = 308.55'
R = 1637.02'
PC STA = 234+96.65
Y = 318102.729
X = 566277.343
PT STA = 238+05.20
Y = 318410.095
X = 566256.142

CURVE CF1 1
PI STA = 12+42.84"CF1"
Y = 317955.644
X = 565198.692
DELTA = 12°06'14"
D = 3°10'59"
T = 190.84'
L = 380.26'
R = 1800.00'
PC STA = 10+52.00"CF1"
Y = 317944.203
X = 565008.195
PT STA = 14+32.26"CF1"
Y = 317926.886
X = 565387.352
BK = N86°33'46.6"E
AH = S81°19'59.0"E



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET PRE_111 E

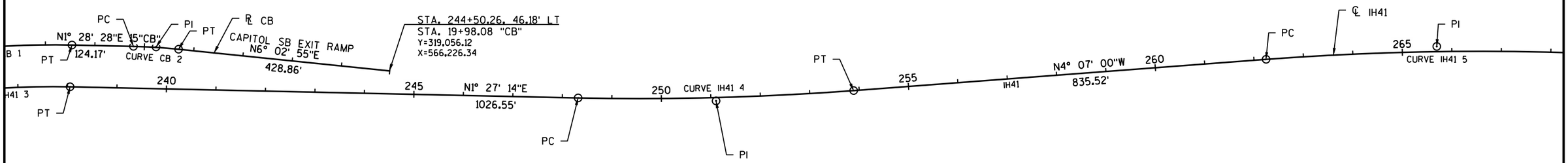
FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027203_ad
PLOT DATE : 6/4/2019 2:13 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

CURVE CB 2
PI STA = 15+23.51"CB"
Y = 318584.141
X = 566176.333
DELTA = 4°34'26"
D = 5°00'00"
T = 45.76'
L = 91.48'
R = 1145.92'
PC STA = 14+77.75"CB"
Y = 318538.392
X = 566175.156
PT STA = 15+69.23"CB"
Y = 318629.649
X = 566181.155
BK = N01°28'28.5"E
AH = N06°02'54.5"E

CURVE IH41 4
PI STA = 251+10.49
Y = 319714.962
X = 566289.259
DELTA = 5°34'14"
D = 1°00'00"
T = 278.74'
L = 557.04'
R = 5729.58'
PC STA = 248+31.75
Y = 319436.310
X = 566282.187
PT STA = 253+88.79
Y = 319992.985
X = 566269.249
BK = N01°27'13.7"E
AH = N04°06'59.9"W

CURVE IH41 5
PI STA = 265+70.18
Y = 321171.329
X = 566184.440
DELTA = 6°54'32"
D = 1°00'00"
T = 345.87'
L = 690.90'
R = 5729.58'
PC STA = 262+24.31
Y = 320826.351
X = 566209.269
PT STA = 269+15.22
Y = 321516.789
X = 566201.290
BK = N04°06'59.9"W
AH = N02°47'32.6"E



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET PRE_112 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027204_ad
PLOT DATE : 6/4/2019 2:13 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

CURVE HK 1
PI STA = 17+06.61"HK"
Y = 323058.520
X = 566194.412
DELTA = 10°44'13"
D = 1°18'08"
T = 413.48'
L = 824.54'
R = 4400.00'
PC STA = 12+93.13"HK"
Y = 322645.212
X = 566182.518
PT STA = 21+17.67"HK"
Y = 323466.809
X = 566129.097
BK = N01°38'54.0"E
AH = N09°05'19.0"W

CURVE HL 1
PI STA = 8+42.70"HL"
Y = 323776.317
X = 566066.227
DELTA = 73°24'35"
D = 110°11'03"
T = 38.77'
L = 66.62'
R = 52.00'
PC STA = 8+03.94"HL"
Y = 323775.005
X = 566027.483
PT STA = 8+70.56"HL"
Y = 323813.823
X = 566076.032
BK = N88°03'38.4"E
AH = N14°39'02.9"E

N

STA. 290+88.33, 498.59' LT
STA. 25+04.89 "HEB"
Y=322,711.61
X=565,809.16

STA. 291+14.29, 500.01' LT
STA. 25+04.89 "HWB"
Y=322,398.22
X=566,297.53

N89° 39' 35"E
1166.02'

N89° 39' 35"E
1166.01'

STA. 291+60.36, 306.85' LT
STA. 7+80.62 "HL"
Y=323,774.22
X=566,004.18

N88° 03' 38"E
23.32'

PC

CURVE HL 1

HAMPTON SB EXIT RAMP

10"HL"

PT

PI

℄ HL

N14° 39' 03"E
648.72'

STA. 290+68.01, 211.00' LT
STA. 23+30.87 "HK"
Y=323,677.31
X=566,095.42

N9° 05' 19"W
213.18'

PT

STA. 276+50.57, 65.92' LT
STA. 9+02.24 "HK"
Y=322,254.49
X=560,171.27

℄ HK

20"HK"

HAMPTON SB ENTRANCE RAMP
CURVE HK 1

15"HK"

10"HK"

N1° 38' 54"E
390.89'

PC

PI

PT

STA 291+15.62 =
STA 30+04.22 "HEB"

PC

270

275

280

285

290

295

IH 41

N2° 47' 33"E
2442.95'

30"HEB"

30"HWB"

℄ IH41

280"HM"

N7° 22' 06"E
440.40'

PC

PI

285"HM"

CURVE HM 1
HAMPTON NB EXIT RAMP

PT

N21° 09' 47"E
462.94'

STA. 278+00.28, 53.19' RT
STA. 278+00.00 "HM"
Y=322,398.22
X=566,297.53

EB HAMPTON AVE

WB HAMPTON AVE

℄ HM

290"HM"

PC

PI

PT

N88° 27' 08"E
21.44'

CURVE HM 2

CURVE HM 1
PI STA = 284+38.43"HM"
Y = 323031.369
X = 566379.407
DELTA = 13°47'42"
D = 3°30'00"
T = 198.03'
L = 394.14'
R = 1637.02'
PC STA = 282+40.40"HM"
Y = 322834.978
X = 566354.011
PT STA = 286+34.54"HM"
Y = 323216.040
X = 566450.900
BK = N07°22'05.6"E
AH = N21°09'47.2"E

CURVE HM 2
PI STA = 291+32.09"HM"
Y = 323680.034
X = 566630.527
DELTA = 67°17'20"
D = 110°11'03"
T = 34.61'
L = 61.07'
R = 52.00'
PC STA = 290+97.48"HM"
Y = 323647.762
X = 566618.033
PT STA = 291+58.55"HM"
Y = 323680.969
X = 566665.122
BK = N21°09'47.2"E
AH = N88°27'07.6"E

STA. 291+01.04, 379.23' RT
STA. 291+79.99 "HM"
Y=323,681.55
X=566,686.55

35"HEB"

35"HWB"

℄ HEB

℄ HWB

STA. 291+52.05, 665.69' RT
STA. 36+70.90 "HEB"
Y=323,718.54
X=566,975.16

STA. 291+78.01, 664.27' RT
STA. 36+70.91 "HWB"
Y=323,744.54
X=566,975.00

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_113

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027205_ad

PLOT DATE : 6/4/2019 2:13 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:200 FT

2

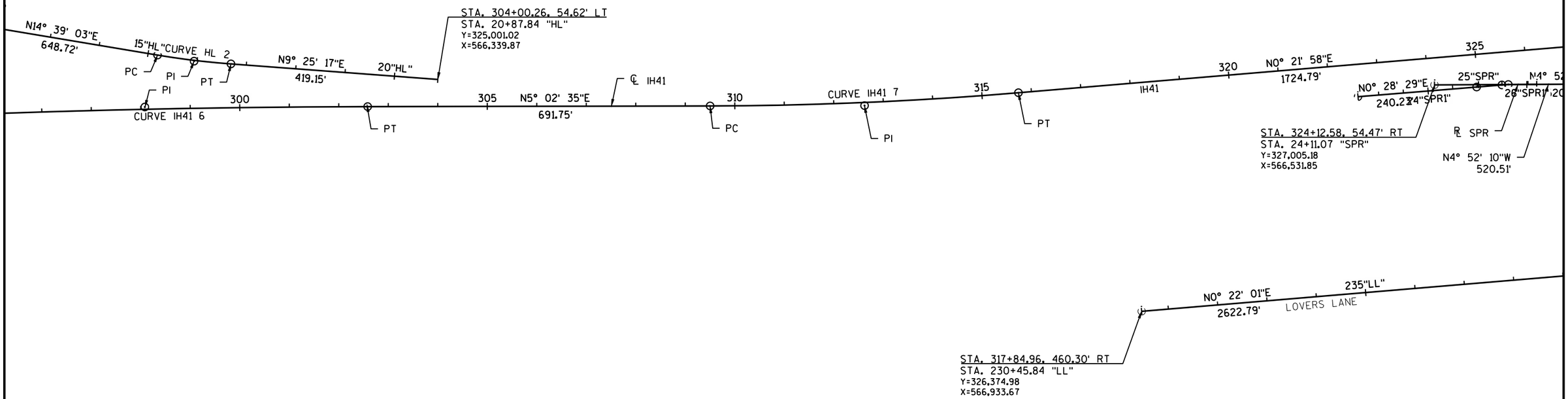
2

CURVE HL 2
PI STA = 15+94.04"HL"
Y = 324513.776
X = 566259.020
DELTA = 5°13'46"
D = 3°30'00"
T = 74.76'
L = 149.41'
R = 1637.02'
PC STA = 15+19.28"HL"
Y = 324441.450
X = 566240.112
PT STA = 16+68.69"HL"
Y = 324587.524
X = 566271.257
BK = N14°39'02.9"E
AH = N09°25'17.3"E

CURVE IH41 6
PI STA = 298+08.34
Y = 324406.475
X = 566342.235
DELTA = 2°15'02"
D = 0°15'00"
T = 450.17'
L = 900.23'
R = 22918.31'
PC STA = 293+58.16
Y = 323956.835
X = 566320.304
PT STA = 302+58.40
Y = 324854.907
X = 566381.807
BK = N02°47'32.6"E
AH = N05°02'34.7"E

CURVE IH41 7
PI STA = 312+62.10
Y = 325854.732
X = 566470.036
DELTA = 4°40'37"
D = 0°45'00"
T = 311.96'
L = 623.57'
R = 7639.44'
PC STA = 309+50.14
Y = 325543.979
X = 566442.613
PT STA = 315+73.72
Y = 326166.686
X = 566472.029
BK = N05°02'34.7"E
AH = N00°21'58.2"E

N



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_114

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027206_ad
PLOT DATE : 6/4/2019 2:13 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

2

CURVE SP 1
PI STA = 132+30.74"SP"
Y = 328227.110
X = 567528.290
DELTA = 26°05'39"
D = 1°57'26"
T = 678.39'
L = 1333.25'
R = 2927.46'
PC STA = 125+52.35"SP"
Y = 328215.727
X = 566849.993
PT STA = 138+85.60"SP"
Y = 328535.680
X = 568132.443
BK = N89°02'18.8"E
AH = N62°56'39.8"E

STA. 335+73.32, 913.07' LT
STA. 112+77.18 "SP"
Y=328,193.93
X=565,575.45

CURVE SPR 1
PI STA = 29+94.68"SPR"
Y = 327586.684
X = 566581.396
DELTA = 5°40'27"
D = 4°30'00"
T = 63.10'
L = 126.09'
R = 1273.24'
PC STA = 29+31.58"SPR"
Y = 327523.813
X = 566576.039
PT STA = 30+57.68"SPR"
Y = 327648.717
X = 566592.942
BK = N04°52'10.5"E
AH = N10°32'37.6"E

CURVE SPR 2
PI STA = 33+67.13"SPR"
Y = 327952.944
X = 566649.567
DELTA = 11°20'23"
D = 6°00'00"
T = 94.81'
L = 189.00'
R = 954.93'
PC STA = 32+72.32"SPR"
Y = 327859.737
X = 566632.219
PT STA = 34+61.31"SPR"
Y = 328047.742
X = 566648.250
BK = N10°32'37.6"E
AH = N00°47'45.3"W

CURVE IH41 8
PI STA = 336+09.35
Y = 328202.273
X = 566485.039
DELTA = 3°06'28"
D = 0°30'00"
T = 310.84'
L = 621.53'
R = 11459.16'
PC STA = 332+98.51
Y = 327891.438
X = 566483.052
PT STA = 339+20.04
Y = 328512.543
X = 566503.873
BK = N00°21'58.2"E
AH = N03°28'25.7"E

N

115"SP"

N89° 02' 19"E
2552.35'

SILVER SPRING DR

120"SP"

PC
PI
STA 336+16.82 =
STA 121+91.82 "SP"
PT

325
N0° 21' 58"E
1724.79'
330
335
CURVE IH41 8
340
IH-41
345
N3° 28' 26"E
1887.74'
350

℄ IH41

25"SPR"
N4° 52' 10"E
520.51'
PC
30"SPR"
PT
N10° 32' 38"E
214.64'
SILVER SPRING NB EXIT RAMP
CURVE SPR 1
CURVE SPR 2
35"SPR"

STA. 324+12.58, 54.47' RT
STA. 24+11.07 "SPR"
Y=327,005.18
X=566,531.85

℄ SPR

PC
PI
PC
PI
PT

STA. 336+25.29, 156.26' RT
STA. 36+26.28 "SPR"
Y=328,212.69
X=566,645.96

N0° 47' 45"W
164.96'

125"SP"

PC

STA. 344+31.30, 416.38' RT
STA. 256+68.59 "LL"
Y=328,997.64
X=566,950.47

240"LL"
N0° 22' 01"E
2622.79'
245"LL"
250"LL"
255"LL"
LOVERS LANE

℄ SP

CURVE SP 1
130"SP"

STA. 337+22.21, 900.77' RT
STA. 131+00.00 "SP"
Y=328,275.93
X=567,393.52

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027207_ad
PLOT DATE : 6/4/2019 2:13 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:200 FT

2

2

N

N0° 21' 58"E
1724.79'

325

1' 58"E
4.79'

℄ IH41

N1° 18' 31"E
13.06'

N4° 52' 26"E
57.45'

STA. 324+12.58, 54.47' RT
STA. 24+11.07 "SPR"
Y=327,005.18
X=566,531.85

STA. 25+49.47

STA. 326+18.62, 70.69' LT
STA. 26+19.98 "SPR1"
Y=327,211.12
X=566,549.40

25"SPR"

N0° 28' 29"E
240.23'

24"SPR1"

26"SPR1"

N4° 52' 10"E
520.51'

SILVER SPRING NB EXIT RAMP

STA. 24+98.23

STA. 25+62.53

℄ SPR1

℄ SPR

N0° 33' 28"E
51.24'

STA. 322+56.71, 65.33' RT
STA. 22+58.00 "SPR1"
Y=326,849.25
X=566,541.72

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_116

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027208_ad

PLOT DATE : 6/4/2019 2:13 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

STA. 112+76.18, 30.0' LT
STA. 112+76.18 "SP2"
Y=328,224.31
X=565,573.52

N89° 02' 19"E
1276.18'

℄ SP2

115"SP2"

N89° 02' 19"E
1276.18'

110"SP"

SILVER SPRING DR

115"SP"

℄ IH41

115"SP1"

STA. 112+76.18, 20' RT
STA. 112+76.18 "SP1"
Y=328,212.69
X=566,645.96

N89° 02' 19"E
1276.18'

℄ SP1

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_117

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027209_ad

PLOT DATE : 6/4/2019 2:13 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

℄ SP2

N89° 02' 19"E
1276.18'

115"SP2"

120"SP2"

℄ SP

115"SP"

N89° 02' 19"E
2552.35'

SILVER SPRING DR

120"SP"

115"SP1"

120"SP1"

℄ SP1

N89° 02' 19"E
1276.18'

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_118

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027210_ad

PLOT DATE : 6/4/2019 2:13 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

2

2

N

250"LLN1" N0° 22' 01"E 182.63'

STA 336+16.82 =
STA 121+91.82 "SP"

℄ SP2

N89° 02' 19"E
1276.18'

STA. 125+52.35 "SP", 30' LT
STA. 125+52.35 "SP2"
Y=328,245.72
X=566,849.49

WB SILVER SPRING DR

125"SP2"

℄ SP

N89° 02' 19"E
1276.18'

125"SP"

PC

PI

125"SP1"

EB SILVER SPRING DR

℄ SP1

N89° 02' 19"E
1276.18'

STA. 336+25.29, 156.26' RT
STA. 36+26.28 "SPR"
Y=328,212.69
X=566,645.96

STA. 125+52.35 "SP", 20' RT
STA. 125+52.35 "SP1"
Y=328,195.73
X=566,850.33

N0° 47' 45"W
164.96'

℄ SPR

335

35"SPR"

SILVER SPRING NB EXIT RAMP

PT

N0° 21' 58"E 248"LLS1"
111.55'

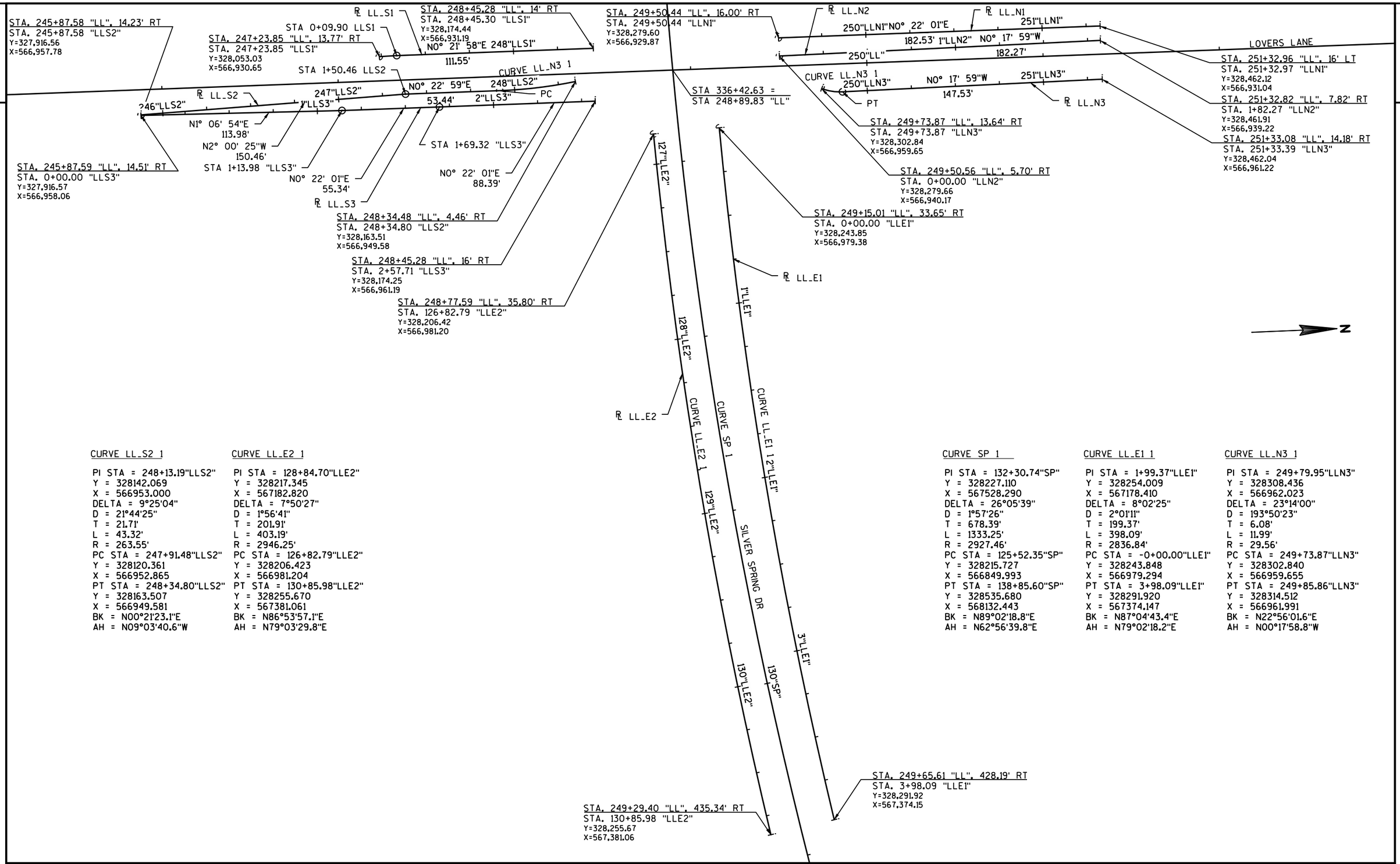
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_119

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027211_ad

PLOT DATE : 6/4/2019 2:13 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42



CURVE LL_S2 1

PI STA = 248+13.19"LLS2"
Y = 328142.069
X = 566953.000
DELTA = 9°25'04"
D = 21°44'25"
T = 21.71'
L = 43.32'
R = 263.55'
PC STA = 247+91.48"LLS2"
Y = 328120.361
X = 566952.865
PT STA = 248+34.80"LLS2"
Y = 328163.507
X = 566949.581
BK = N00°21'23.1"E
AH = N09°03'40.6"W

CURVE LL_E2 1

PI STA = 128+84.70"LLE2"
Y = 328217.345
X = 567182.820
DELTA = 7°50'27"
D = 1°56'41"
T = 201.91'
L = 403.19'
R = 2946.25'
PC STA = 126+82.79"LLE2"
Y = 328206.423
X = 566981.204
PT STA = 130+85.98"LLE2"
Y = 328255.670
X = 567381.061
BK = N86°53'57.1"E
AH = N79°03'29.8"E

CURVE SP 1

PI STA = 132+30.74"SP"
Y = 328227.110
X = 567528.290
DELTA = 26°05'39"
D = 1°57'26"
T = 678.39'
L = 1333.25'
R = 2927.46'
PC STA = 125+52.35"SP"
Y = 328215.727
X = 566849.993
PT STA = 138+85.60"SP"
Y = 328535.680
X = 568132.443
BK = N89°02'18.8"E
AH = N62°56'39.8"E

CURVE LL_E1 1

PI STA = 1+99.37"LLE1"
Y = 328254.009
X = 567178.410
DELTA = 8°02'25"
D = 2°01'11"
T = 199.37'
L = 398.09'
R = 2836.84'
PC STA = -0+00.00"LLE1"
Y = 328243.848
X = 566979.294
PT STA = 3+98.09"LLE1"
Y = 328291.920
X = 567374.147
BK = N87°04'43.4"E
AH = N79°02'18.2"E

CURVE LL_N3 1

PI STA = 249+79.95"LLN3"
Y = 328308.436
X = 566962.023
DELTA = 23°14'00"
D = 193°50'23"
T = 6.08'
L = 11.99'
R = 29.56'
PC STA = 249+73.87"LLN3"
Y = 328302.840
X = 566959.655
PT STA = 249+85.86"LLN3"
Y = 328314.512
X = 566961.991
BK = N22°56'01.6"E
AH = N00°17'58.8"W

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_120

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027212_ad
PLOT DATE : 6/4/2019 2:13 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:50 FT

2

N

STA. 369+89.63, 385.92' LT
STA. 92+37.37 "FL"
Y=331,620.83
X=566,286.48

100"FL"

N88° 58' 54"E
709.33'

STA 370+40.29 =
STA 103+27.27 "FL"

PC

PT

PC

PI

55

360

CURVE IH41 9

365

N1° 29' 48"E
225.34'

370

CURVE IH41 10

PT

375

N17° 29' 09"E
754.39'

380

385

PI

℄ IH41

W FLORIST AVE

105"FL"

℄ FL

S86° 01' 08"E
39.29'

N89° 03' 10"E
241.02'

STA. 380+57.20, 64.62' LT
STA. 29+13.98 "AN"
Y=332,623.44
X=566,894.82

N16° 01' 31"E
96.66'

N14° 43' 49"E
159.80'

30"AN"

PC

PC

CURVE A
35"A

PI

STA. 378+01.36, 54.00' RT
STA. 22+97.97 "AL"
Y=332,343.77
X=566,931.09

25"AL"

N22° 18' 16"E
705.18'

STA. 30+15.18 "AL"

PI

30"AL"

PI

STA. 30+03.15 "AL"

STA. 371+90.40, 655.14' RT
STA. 109+93.76 "FL"
Y=331,633.60
X=567,342.61

CURVE IH41 9

PI STA = 362+03.22
Y = 330791.534
X = 566642.217
DELTA = 1°58'37"
D = 0°15'00"
T = 395.45'
L = 790.82'
R = 22918.31'
PC STA = 358+07.78
Y = 330396.814
X = 566618.256
PT STA = 365+98.59
Y = 331186.847
X = 566652.546
BK = N03°28'25.7"E
AH = N01°29'48.4"E

CURVE IH41 10

PI STA = 370+92.16
Y = 331680.242
X = 566665.439
DELTA = 15°59'20"
D = 3°00'00"
T = 268.23'
L = 532.97'
R = 1909.86'
PC STA = 368+23.93
Y = 331412.107
X = 566658.432
PT STA = 373+56.90
Y = 331936.075
X = 566746.033
BK = N01°29'48.4"E
AH = N17°29'08.9"E

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_121

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027213_AD

PLOT DATE : 6/4/2019 2:13 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:200 FT

WISDOT/CADDS SHEET 42

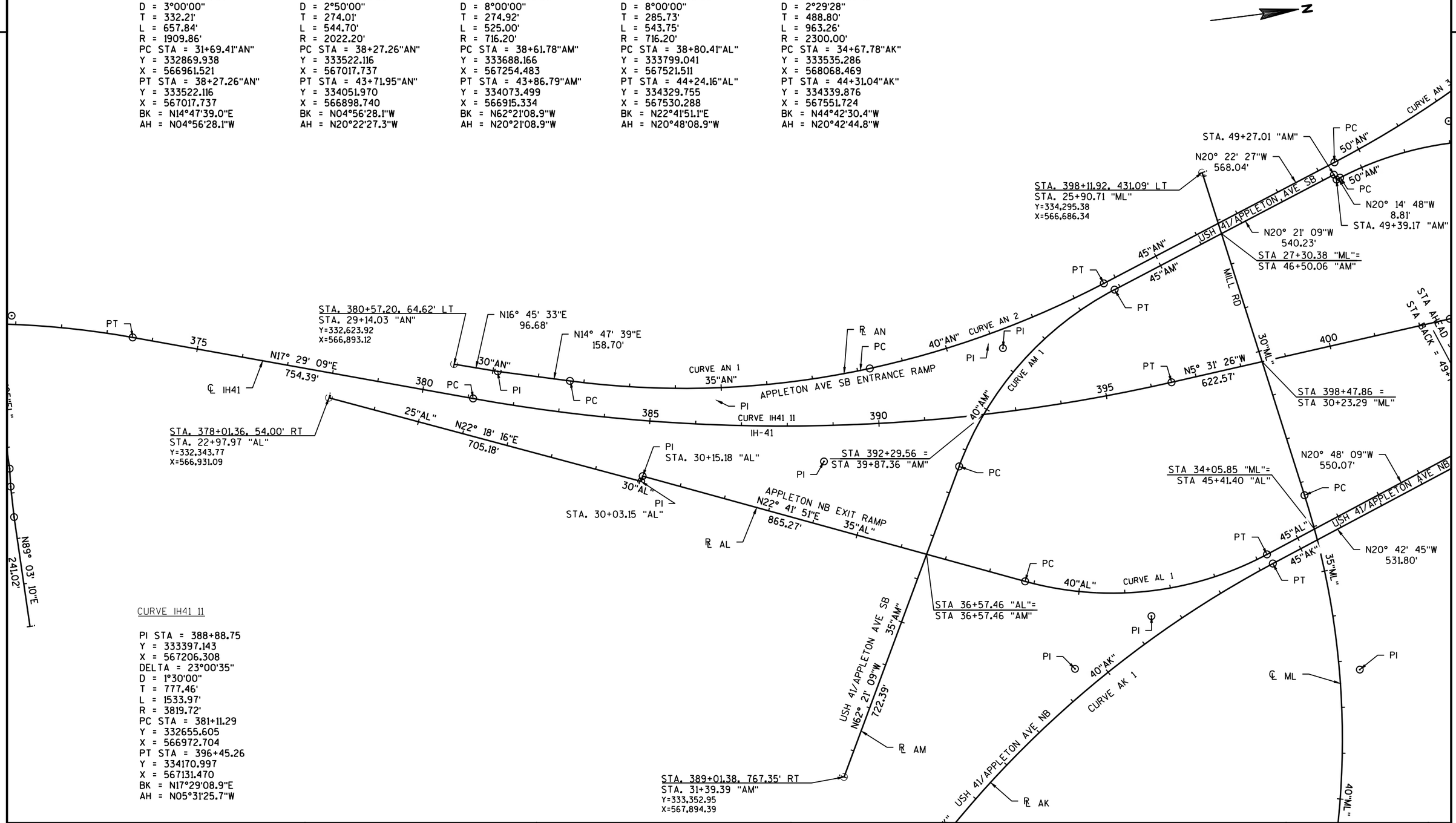
CURVE AN 1
PI STA = 35+01.62"AN"
Y = 333191.138
X = 567046.351
DELTA = 19°44'07"
D = 3°00'00"
T = 332.21'
L = 657.84'
R = 1909.86'
PC STA = 31+69.41"AN"
Y = 332869.938
X = 566961.521
PT STA = 38+27.26"AN"
Y = 333522.116
X = 567017.737
BK = N14°47'39.0"E
AH = N04°56'28.1"W

CURVE AN 2
PI STA = 41+01.26"AN"
Y = 333795.105
X = 566994.136
DELTA = 15°25'59"
D = 2°50'00"
T = 274.01'
L = 544.70'
R = 2022.20'
PC STA = 38+27.26"AN"
Y = 333522.116
X = 567017.737
PT STA = 43+71.95"AN"
Y = 334051.970
X = 566898.740
BK = N04°56'28.1"W
AH = N20°22'27.3"W

CURVE AM 1
PI STA = 41+36.71"AM"
Y = 333815.739
X = 567010.951
DELTA = 42°00'00"
D = 8°00'00"
T = 274.92'
L = 525.00'
R = 716.20'
PC STA = 38+61.78"AM"
Y = 333688.166
X = 567254.483
PT STA = 43+86.79"AM"
Y = 334073.499
X = 566915.334
BK = N62°21'08.9"W
AH = N20°21'08.9"W

CURVE AL 1
PI STA = 41+66.15"AL"
Y = 334062.647
X = 567631.766
DELTA = 43°30'00"
D = 8°00'00"
T = 285.73'
L = 543.75'
R = 716.20'
PC STA = 38+80.41"AL"
Y = 333799.041
X = 567521.511
PT STA = 44+24.16"AL"
Y = 334329.755
X = 567530.288
BK = N22°41'51.1"E
AH = N20°48'08.9"W

CURVE AK 1
PI STA = 39+56.57"AK"
Y = 333882.672
X = 567724.601
DELTA = 23°59'46"
D = 2°29'28"
T = 488.80'
L = 963.26'
R = 2300.00'
PC STA = 34+67.78"AK"
Y = 333535.286
X = 568068.469
PT STA = 44+31.04"AK"
Y = 334339.876
X = 567551.724
BK = N44°42'30.4"W
AH = N20°42'44.8"W



CURVE IH41 11

PI STA = 388+88.75
Y = 333397.143
X = 567206.308
DELTA = 23°00'35"
D = 1°30'00"
T = 777.46'
L = 1533.97'
R = 3819.72'
PC STA = 381+11.29
Y = 332655.605
X = 566972.704
PT STA = 396+45.26
Y = 334170.997
X = 567131.470
BK = N17°29'08.9"E
AH = N05°31'25.7"W

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027214_AD
PLOT DATE : 6/4/2019 2:13 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:200 FT
WISDOT/CADDS SHEET 42

2

CURVE AN 3
PI STA = 54+31.41"AN"
Y = 335045.147
X = 566529.889
DELTA = 24°12'17"
D = 2°30'00"
T = 491.42'
L = 968.18'
R = 2291.83'
PC STA = 49+39.99"AN"
Y = 334584.470
X = 566700.978
PT STA = 59+08.17"AN"
Y = 335395.180
X = 566184.965
BK = N20°22'27.3"W
AH = N44°34'43.8"W

CURVE AM 2
PI STA = 52+15.20"AM"
Y = 334843.112
X = 566643.352
DELTA = 40°55'22"
D = 8°00'00"
T = 267.23'
L = 511.54'
R = 716.20'
PC STA = 49+47.98"AM"
Y = 334592.397
X = 566735.829
PT STA = 54+59.51"AM"
Y = 335093.127
X = 566737.706
BK = N20°14'48.0"W
AH = N20°40'34.3"E

CURVE AM 3
PI STA = 63+38.76"AM"
Y = 335915.739
X = 567048.155
DELTA = 9°07'03"
D = 3°07'51"
T = 145.91'
L = 291.21'
R = 1830.00'
PC STA = 61+92.84"AM"
Y = 335779.225
X = 566996.635
PT STA = 64+84.05"AM"
Y = 336058.692
X = 567077.391
BK = N20°40'34.3"E
AH = N11°33'31.4"E

CURVE AL 2
PI STA = 52+44.16"AL"
Y = 335107.690
X = 567234.740
DELTA = 43°00'00"
D = 8°00'00"
T = 282.12'
L = 537.50'
R = 716.20'
PC STA = 49+62.04"AL"
Y = 334843.962
X = 567334.934
PT STA = 54+99.54"AL"
Y = 335232.236
X = 566981.601
BK = N20°48'08.9"W
AH = N63°48'08.9"W

CURVE AK 2
PI STA = 54+42.93"AK"
Y = 335294.911
X = 567181.863
DELTA = 22°35'18"
D = 2°43'42"
T = 419.40'
L = 827.91'
R = 2100.00'
PC STA = 50+23.53"AK"
Y = 334902.882
X = 567330.895
PT STA = 58+51.44"AK"
Y = 335714.112
X = 567194.845
BK = N20°48'52.6"W
AH = N01°46'25.9"E

CURVE AM1 1
PI STA = 63+81.97"AM1"
Y = 335961.827
X = 567018.834
DELTA = 0°08'18"
D = 4°10'10"
T = 1.66'
L = 3.31'
R = 1374.17'
PC STA = 63+80.31"AM1"
Y = 335960.223
X = 567018.417
PT STA = 63+83.62"AM1"
Y = 335963.432
X = 567019.248
BK = N14°35'21.4"E
AH = N14°27'03.9"E

CURVE AM1 2
PI STA = 65+35.05"AM1"
Y = 336110.068
X = 567057.037
DELTA = 9°06'49"
D = 3°00'56"
T = 151.43'
L = 302.22'
R = 1900.00'
PC STA = 63+83.62"AM1"
Y = 335963.432
X = 567019.248
PT STA = 66+85.84"AM1"
Y = 336260.839
X = 567071.124
BK = N14°27'03.9"E
AH = N05°20'15.1"E

CURVE IH41 12
PI STA = 406+68.18
Y = 335189.168
X = 567033.004
DELTA = 11°58'01"
D = 1°30'00"
T = 400.35'
L = 797.79'
R = 3819.72'
PC STA = 402+67.83
Y = 334790.674
X = 567071.541
PT STA = 410+65.62
Y = 335586.992
X = 567077.930
BK = N05°31'25.7"W
AH = N06°26'35.1"E

CURVE IH41 13
PI STA = 419+49.86
Y = 336465.647
X = 567177.156
DELTA = 5°49'37"
D = 1°00'00"
T = 291.60'
L = 582.69'
R = 5729.58'
PC STA = 416+58.26
Y = 336175.892
X = 567144.434
PT STA = 422+40.95
Y = 336757.227
X = 567180.292
BK = N06°26'35.1"E
AH = N00°36'58.2"E

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

PRE_123

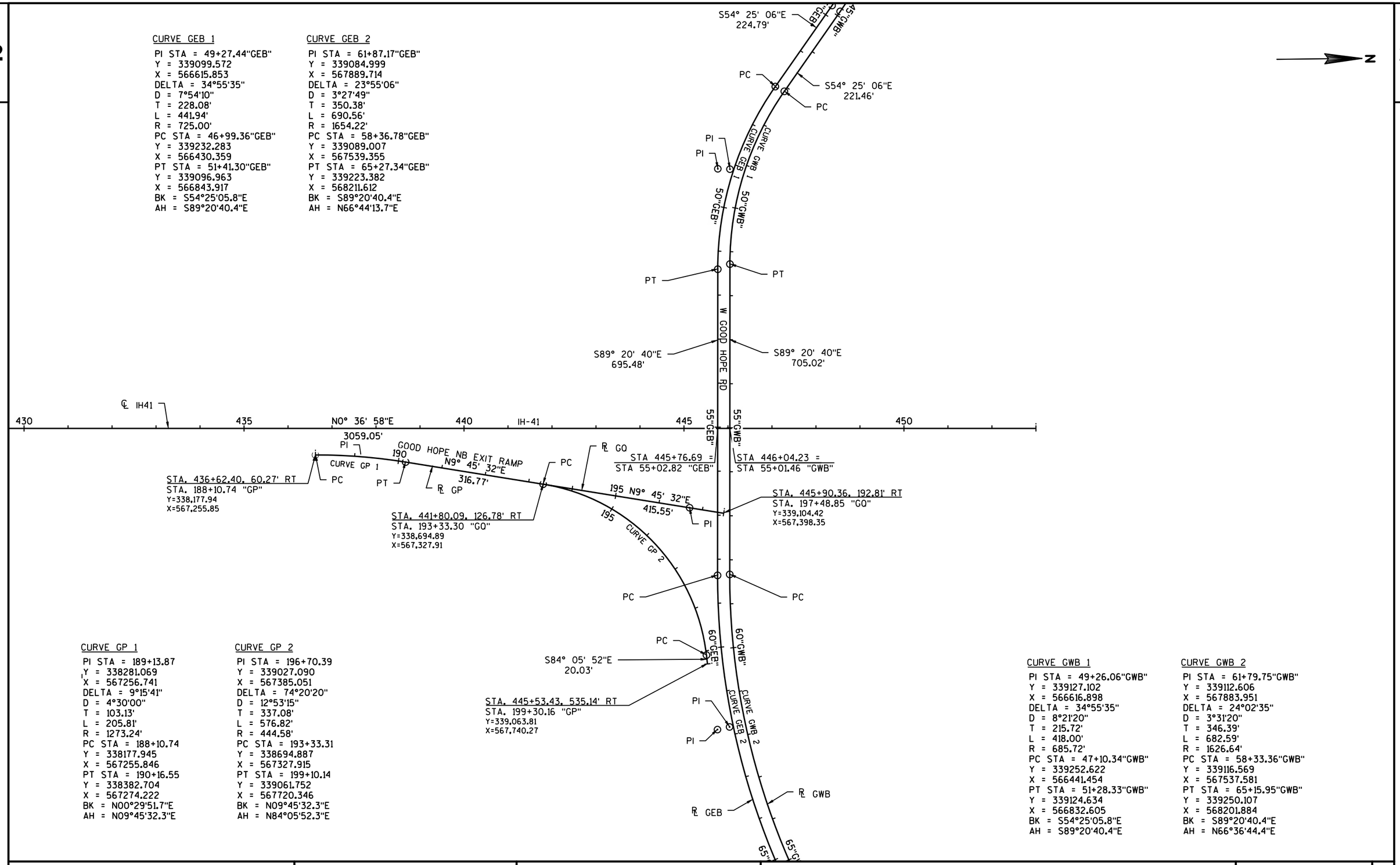
2

CURVE GEB 1

PI STA = 49+27.44"GEB"
Y = 339099.572
X = 566615.853
DELTA = 34°55'35"
D = 7°54'10"
T = 228.08'
L = 441.94'
R = 725.00'
PC STA = 46+99.36"GEB"
Y = 339232.283
X = 566430.359
PT STA = 51+41.30"GEB"
Y = 339096.963
X = 566843.917
BK = S54°25'05.8"E
AH = S89°20'40.4"E

CURVE GEB 2

PI STA = 61+87.17"GEB"
Y = 339084.999
X = 567889.714
DELTA = 23°55'06"
D = 3°27'49"
T = 350.38'
L = 690.56'
R = 1654.22'
PC STA = 58+36.78"GEB"
Y = 339089.007
X = 567539.355
PT STA = 65+27.34"GEB"
Y = 339223.382
X = 568211.612
BK = S89°20'40.4"E
AH = N66°44'13.7"E



CURVE GP 1

PI STA = 189+13.87
Y = 338281.069
X = 567256.741
DELTA = 9°15'41"
D = 4°30'00"
T = 103.13'
L = 205.81'
R = 1273.24'
PC STA = 188+10.74
Y = 338177.945
X = 567255.846
PT STA = 190+16.55
Y = 338382.704
X = 567274.222
BK = N00°29'51.7"E
AH = N09°45'32.3"E

CURVE GP 2

PI STA = 196+70.39
Y = 339027.090
X = 567385.051
DELTA = 74°20'20"
D = 12°53'15"
T = 337.08'
L = 576.82'
R = 444.58'
PC STA = 193+33.31
Y = 338694.887
X = 567327.915
PT STA = 199+10.14
Y = 339061.752
X = 567720.346
BK = N09°45'32.3"E
AH = N84°05'52.3"E

CURVE GWB 1

PI STA = 49+26.06"GWB"
Y = 339127.102
X = 566616.898
DELTA = 34°55'35"
D = 8°21'20"
T = 215.72'
L = 418.00'
R = 685.72'
PC STA = 47+10.34"GWB"
Y = 339252.622
X = 566441.454
PT STA = 51+28.33"GWB"
Y = 339124.634
X = 566832.605
BK = S54°25'05.8"E
AH = S89°20'40.4"E

CURVE GWB 2

PI STA = 61+79.75"GWB"
Y = 339112.606
X = 567883.951
DELTA = 24°02'35"
D = 3°31'20"
T = 346.39'
L = 682.59'
R = 1626.64'
PC STA = 58+33.36"GWB"
Y = 339116.569
X = 567537.581
PT STA = 65+15.95"GWB"
Y = 339250.107
X = 568201.884
BK = S89°20'40.4"E
AH = N66°36'44.4"E

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	ALIGNMENT PLAN	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_AD.DWG
LAYOUT NAME - 027216_AD

PLOT DATE : 6/4/2019 2:13 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:200 FT

2

2

N

BEGIN CONSTRUCTION RAMP "BG"
STA. 2+49.80 "BG"
PROJECT 1100-01-77

EXIST ROW

5"BG"

℄ RAMP "BG"

BURLEIGH SB EXIT RAMP

10"BG"

WETLAND BOUNDARY

END CONSTRUCTION RAMP "BG"
STA. 196+49.75
PROJECT 1100-01-77

15"BG"

SB IH 41

NB IH 41

185

190

195

SIGN

INL

MH

W

SS

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_125

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050201_pn

PLOT DATE : 6/4/2019 2:43 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

WATER TOWER

EXIST ROW

WETLAND BOUNDARY

℄ RAMP "CA"

BEGIN CONSTRUCTION RAMP "CA"
STA. 214+21.54
PROJECT 1100-01-77

215"CA"

220"CA"

225"CA"

SB CAPITOL DR ENTRANCE RAMP

SB IH 41

215

220

225

NB IH 41

10"CC"

15"CC"

NB CAPITOL DR EXIT RAMP

BEGIN CONSTRUCTION RAMP "CC"
STA. 5+45.82 "CC"
PROJECT 1100-01-77

℄ RAMP "CC"

EXIST ROW

GOLF

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_126

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050202_pn
PLOT DATE : 6/4/2019 2:44 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

2

2

N

REPLACE RAILING IN THE MIDDLE LEVEL BRIDGES (B-40-330)

END CONSTRUCTION RAMP "CA"
STA. 233+55.74 "CA"
PROJECT 1100-01-77

STA. 20"CF1"+90.76

STA. 21"CF1"+26.53

℄ RAMP "CA"

EXIST ROW

230"CA"

SB CAPITOL DR ENTRANCE RAMP

20"CF1"

22"CF1"

EB CAPITOL DR

WB CAPITOL DR

STA. 21"CF2"+61.42

REPLACE RAILING IN THE MIDDLE LEVEL BRIDGES (B-40-331)

℄ RAMP "CB"

10"CB"

15"CB"

EXIST ROW

WETLAND BOUNDARY

BEGIN CONSTRUCTION RAMP "CB"
STA. 9+79.89 "CB"
PROJECT 1100-01-77

SB CAPITOL DR EXIT RAMP

SB IH 41

235

240

230

EXPANSION JOINT REPLACEMENT

NB IH 41

24"CF1"

20"CF2"

PAINTING STRUCTURE
B-40-333
B-40-334

20"CC"

NB CAPITOL DR EXIT RAMP

15"CC"

℄ RAMP "CC"

EXIST ROW

END CONSTRUCTION RAMP "CC"
STA. 19+65.76 "CC"
PROJECT 1100-01-77

CAPITOL DR FRONTAGE RD 1

26"CF1"

CAPITOL DR FRONTAGE RD 2

REPLACE RAILING IN THE MIDDLE LEVEL BRIDGES (B-40-332)

SB CAPITOL DR ENTRANCE RAMP

STA. 25"CF2"+70.61

GOLF GREEN

CEMETERY

STA. 27"CF1"+26.94

28"CF1"

LEGEND

- BASE PATCHING SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- CONCRETE PAVEMENT APPROACH SLAB HES
- CONCRETE OVERLAY
- DIAMOND GRINDING
- MILL AND OVERLAY
- HIGH FRICTION SURFACE TREATMENT
- CRACK REPAIR
- EXPANSION JOINT REPLACEMENT
- CONCRETE BARRIER REPLACEMENT

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_127

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050203_pn

PLOT DATE : 6/4/2019 2:44 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

2

N

15"CB"

SB CAPITOL DR EXIT RAMP

℄ RAMP "CB"

WETLAND BOUNDARY

EXIST ROW

END CONSTRUCTION RAMP "CB"
STA. 250+70.33
PROJECT 1100-01-77

SB IH 41

240

245

250

NB IH 41

SB CAPITOL DR ENTRANCE RAMP

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_128

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050204_pn

PLOT DATE : 6/4/2019 2:45 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

BEGIN CONSTRUCTION RAMP "CF1"
STA. 13+01.23 "CF1"
PROJECT 1100-01-77

BEGIN CONSTRUCTION RAMP "CF2"
STA. 9+70.67 "CF2"
PROJECT 1100-01-77

N

℄ RAMP "CF1"

℄ RAMP "CF2"

℄ RAMP "CA"

STA. 18"CF1"+78.62

STA. 20"CF1"+90.76

STA. 21"CF1"+26.53

STA. 21"CF2"+61.42

EXIST ROW

EXIST ROW

REPLACE RAILING IN THE MIDDLE LEVEL BRIDGES (B-40-330)

W CAPITOL DR

EB CAPITOL DR

WB CAPITOL DR

HARLEY DAVIDSON AVE.

PARKING

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET PRE_129 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050205_pn

PLOT DATE : 6/4/2019 2:45 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

NB CAPITOL DR EXIT RAMP

15"CC"

20"CC"

CAPITOL DR FRONTAGE RD 1

CAPITOL DR FRONTAGE RD 2

SB CAPITOL DR ENTRANCE RAMP

GOLF GREEN

CEMETERY

STH 190

STA. 25"CF1"+70.61

STA. 27"CF1"+26.99

26"CF1"

28"CF1"

25"CF2"

30"CF1"

32"CF1"

EXIST ROW

EXIST ROW

℄ RAMP "CF1"

℄ RAMP "CF2"

END CONSTRUCTION RAMP "CF1"
STA. 32+38.50 "CF1"
PROJECT 1100-01-77

END CONSTRUCTION RAMP "CF2"
STA. 28+71.72 "CF2"
PROJECT 1100-01-77

MENOMONEE R.

N

LEGEND

- BASE PATCHING SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- CONCRETE PAVEMENT APPROACH SLAB HES
- CONCRETE OVERLAY
- DIAMOND GRINDING
- MILL AND OVERLAY
- HIGH FRICTION SURFACE TREATMENT
- CRACK REPAIR
- EXPANSION JOINT REPLACEMENT
- CONCRETE BARRIER REPLACEMENT

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_130

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050206_pn

PLOT DATE : 6/4/2019 2:46 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

N

WETLAND BOUNDARY

BEGIN CONSTRUCTION RAMP "HK"
STA. 268+26.53
PROJECT 1100-01-77

℄ RAMP "HK"

EXIST ROW

10"HK"

SB HAMPTON ENTRANCE RAMP

SB IH 41

270 275 280

NB IH 41

NB HAMPTON EXIT RAMP

280"HM"

℄ RAMP "HM"

BEGIN CONSTRUCTION RAMP "HM"
STA. 279+43.37 "HM"
PROJECT 1100-01-77

EXIST ROW

LITTLE MENOMONEE R.

LITTLE MENOMONEE R.

SIGN

POST

INL

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

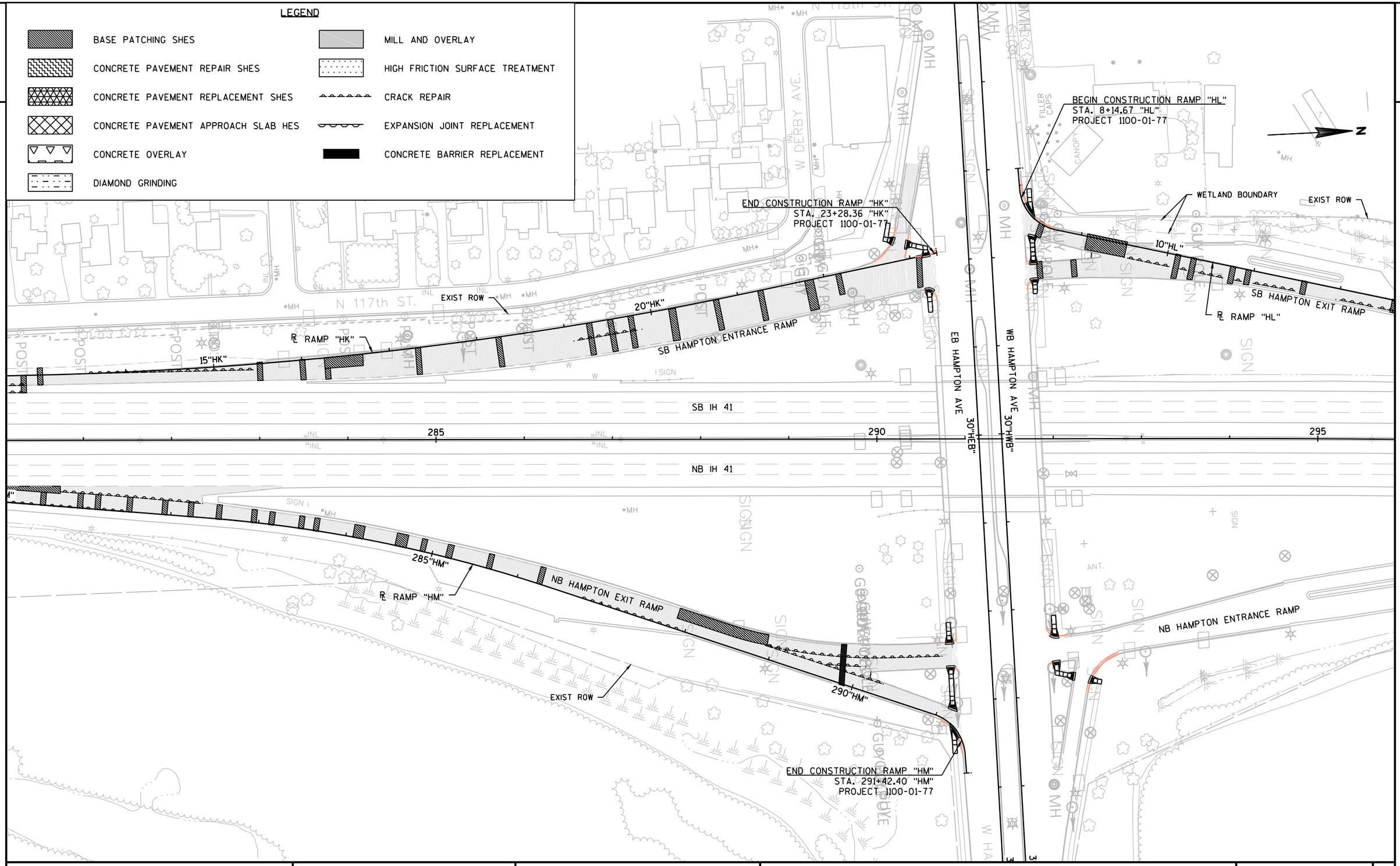
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_131

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050207_pn
PLOT DATE : 6/4/2019 2:46 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 42

LEGEND

- BASE PATCHING SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- CONCRETE PAVEMENT APPROACH SLAB HES
- CONCRETE OVERLAY
- DIAMOND GRINDING
- MILL AND OVERLAY
- HIGH FRICTION SURFACE TREATMENT
- CRACK REPAIR
- EXPANSION JOINT REPLACEMENT
- CONCRETE BARRIER REPLACEMENT



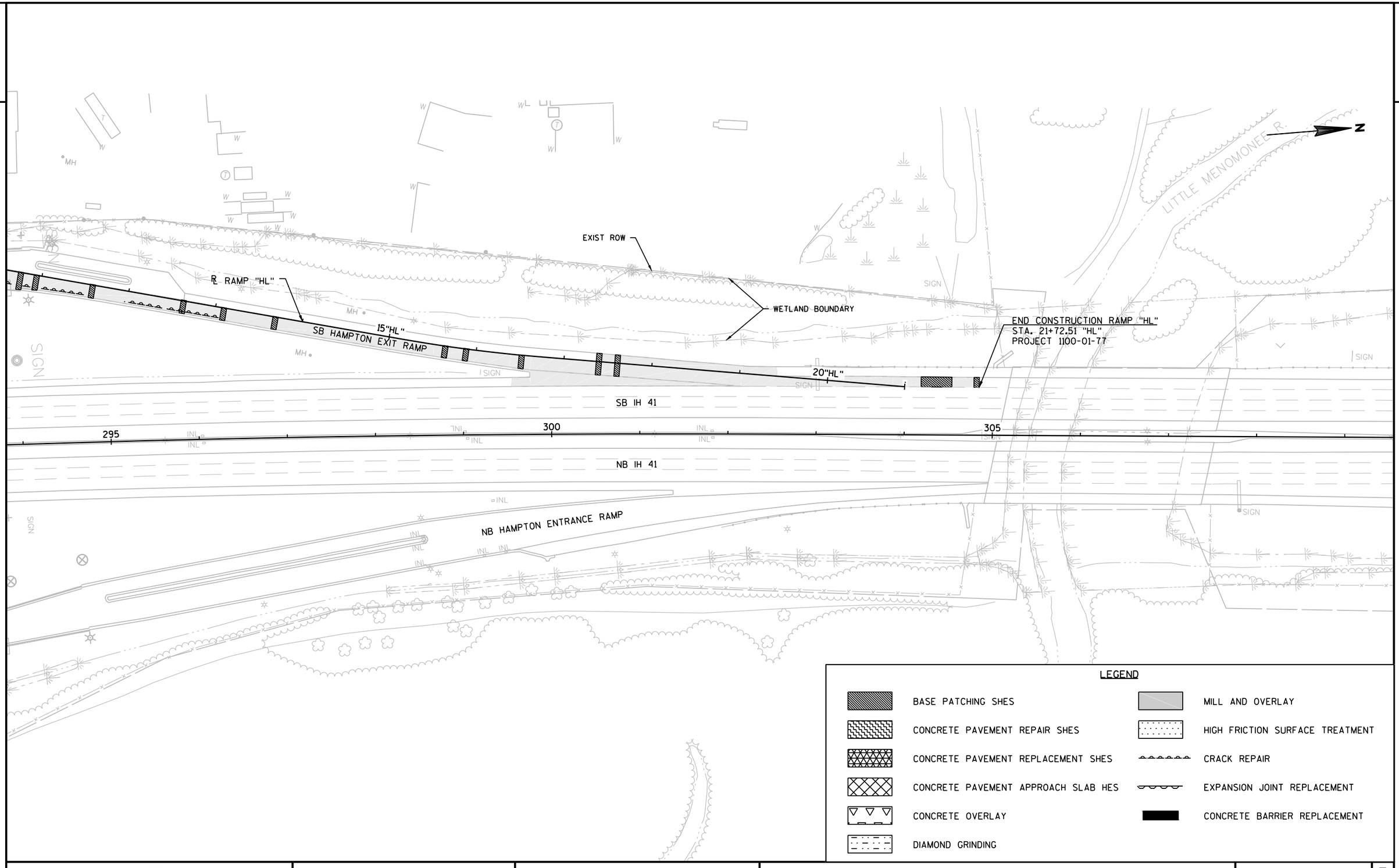
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050208_pn

PLOT DATE : 6/4/2019 2:47 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

PRE_132

2



LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_133

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050209_pn

PLOT DATE : 6/4/2019 2:47 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

LEGEND

- BASE PATCHING SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- CONCRETE PAVEMENT APPROACH SLAB HES
- CONCRETE OVERLAY
- DIAMOND GRINDING
- MILL AND OVERLAY
- HIGH FRICTION SURFACE TREATMENT
- CRACK REPAIR
- EXPANSION JOINT REPLACEMENT
- CONCRETE BARRIER REPLACEMENT

BEGIN CONSTRUCTION RAMP "SP"
STA. 116+97.45 "SP"
PROJECT 1100-01-77

N 118th CT.

N 118th ST

EB SILVER SPRING DR

WB SILVER SPRING DR

120"SP"

SB SILVER SPRING ENTRANCE RAMP

SB IH 41

NB IH 41

325

330

335

STA. 25"SPR"+76.43

REMOVE EXISTING GUARDRAIL, INSTALL NEW MBS GUARDRAIL
(SEE CROSS SECTIONS "SILVER SPRING RAMP R, R/L SPR"

24"SPR1"

25"SPR"

26"SPR1"

30"SPR"

35"SPR"

HINGE POINT LINE

SLOPE INTERCEPT

R RAMP "SPR"

NB SILVER SPRING EXIT RAMP

BEGIN CONSTRUCTION RAMP "SPR"
STA. 322+67.88
PROJECT 1100-01-77

INSTALL NEW BEAMGUARD
(SEE CROSS SECTIONS "SILVER SPRING RAMP R, R/L SPR1"

EXIST ROW

WETLAND BOUNDARY

END CONSTRUCTION RAMP "SPR"
STA. 35+72.86 "SPR"
PROJECT 1100-01-77

R RAMP "SP"

125"SP"

FILLER CAPS

CANOPY

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_134

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050210_pn

PLOT DATE : 6/4/2019 2:53 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 42

2

SB IH 41

NB IH 41

325 330 335

24"SPR" 25"SPR" 26"SPR" 30"SPR" 35"SPR"

SLOPE INTERCEPT

℄ RAMP "SPR"

NB SILVER SPRING EXIT RAMP

EXIST ROW

WETLAND BOUNDARY

END CONSTRUCTION RAMP "SPR"
STA. 35+72.86 "SPR"
PROJECT 1100-01-77

℄ RAMP "SP"

125'SP"

236"LL" 238"LL" 240"LL" 242"LL" 244"LL" 246"LL" 248"LL" 250"LL"

N LOVERS LN.

BEGIN CONSTRUCTION RAMP "LL"
STA. 245+87.26 "LL"
PROJECT 1100-01-77

END CONSTRUCTION RAMP "LL"
STA. 251+17.54 "LL"
PROJECT 1100-01-77

CTH "E" W SILVER SPRING DR.

130'SP"

END CONSTRUCTION RAMP "SP"
STA. 130+67.49 "SP"
PROJECT 1100-01-77

FILLER CAPS

CANOPY

G.P.

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050211_pn

PLOT DATE : 6/4/2019 2:48 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

2

2

N 118th

SB SILVER SPRING EXIT RAMP

WB SILVER SPRING DR

EB SILVER SPRING DR

BEGIN CONSTRUCTION "SP"
STA. 116+97.45 "SP"
PROJECT 1100-01-77

118"SP1"

120"SP"

120"SP1"

℄ SPR

℄ SPR1

122"SP1"

MEDIAN RECONSTRUCTION
(SEE CROSS SECTIONS "SILVER SPRING SB RAMP TERMINAL, R/L SP1"

335

℄ IH 41

MH

HW

INL

SIGN

W

N

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_136

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PD.DWG
LAYOUT NAME - 021201_pd

PLOT DATE : 6/4/2019 2:49 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

N

WB SILVER SPRING DR

NB SILVER SPRING ENTRANCE RAMP

SB LOVERS LANE

℄ SP

125"SP"

122"SP1"

124"SP1"

℄ SP1

EB SILVER SPRING DR

END CONSTRUCTION RAMP "SPR"
STA. 35+72.86 "SPR"
PROJECT 1100-01-77

℄ SPR

335

35"SPR"

NB SILVER SPRING EXIT RAMP

EXIST ROW

248"L1"

MH

SIGN

FILLER CAPS

G.P.

INL

W

WV

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_137

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PD.DWG
LAYOUT NAME - 021202_pd

PLOT DATE : 6/4/2019 2:49 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

2

2

WB SILVER SPRING DRIVE

EB SILVER SPRING DRIVE

CTH "F" W SILVER SPRING DR.

℄ SS-LL_E1

2"LLE1"

130"SP"

℄ SS-LL_E2

END CONSTRUCTION "SP"
STA. 130+67.49 "SP"
PROJECT 1100-01-77

MEDIAN RECONSTRUCTION
(SEE CROSS SECTIONS "SILVER SPRING AT LOVERS LANE EAST MEDIAN, R/L LLE2"

5"SP"

℄ SP

EXIST ROW

248"LL"

2"LLS3"

℄ SS-LL_S3

℄ SS-LL_S1

℄ SS-LL_S2

SLOPE INTERCEPT

MEDIAN RECONSTRUCTION
(SEE CROSS SECTIONS "SILVER SPRING AT LOVERS LANE SOUTH MEDIAN, R/L LLS3"

SB LOVERS LANE

NB LOVERS LANE

246"LL"

℄ LL

BEGIN CONSTRUCTION "LL"
STA. 245+87.26 "LL"
PROJECT 1100-01-77

N

MH WV SIGN INL W

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PD.DWG
LAYOUT NAME - 021203_pd

PLOT DATE : 6/4/2019 2:50 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

PRE_138

WISDOT/CADDS SHEET 42

2

2

N

END CONSTRUCTION "LL"
STA. 251+17.54 "LL"
PROJECT 1100-01-77

℄ SS-LL_N1

℄ SS-LL_N2

℄ SS-LL_N3

MEDIAN RECONSTRUCTION
(SEE CROSS SECTIONS "SILVER SPRING AT LOVERS LANE NORTH MEDIAN, R/L LLN2"

SB LOVERS LANE

NB LOVERS LANE

250"LL"

CANOPY

FILLER CAPS

G.P.

SIGN

WV

MH

W

EXIST ROW

WB SILVER SPRING DRIVE

MEDIAN RECONSTRUCTION
(SEE CROSS SECTIONS "SILVER SPRING AT LOVERS LANE EAST MEDIAN, R/L LLE1"

℄ SS-LL_E1

2"LLE1"

130"SP"

℄ SS

℄ LL

℄ SS-LL_E2

EB SILVER SPRING DRIVE

CTH "F" W SILVER SPRING DR.

END CONSTRUCTION "SP"
STA. 130+67.49 "SP"
PROJECT 1100-01-77

℄ SS-LL_S1

248"LL"

℄ SS-LL_S3

2"LLS3"

℄ SS-LL_S2

INL

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_139

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PD.DWG
LAYOUT NAME - 021204_pd

PLOT DATE : 6/4/2019 2:50 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 42

NOTES:
1. FOR MORE DETAILS ABOUT THE STRUCTURE WORK IN THIS PROJECT SEE STRUCTURE PLANS

BEGIN CONSTRUCTION FLORIST AVE
STA. 99+61.12 "FL"
PROJECT 1100-01-77

N

100'FL"

EXIST ROW

WETLAND BOUNDARY

B-40-369

R "FL"

WETLAND BOUNDARY

EXIST ROW

365

370

375

WETLAND BOUNDARY

105'FL"

W FLORIST AVE

WETLAND BOUNDARY

EXIST ROW

EXIST ROW

END CONSTRUCTION FLORIST AVE
STA. 110+14.25 "FL"
PROJECT 1100-01-77

W BOBOLINK AVE

W KAUL AVE

N 115th ST.

LOVERS LN

POOL

SIGN

INL

MH

W

5

5

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_140

NOTES:
1. FOR MORE DETAILS ABOUT THE STRUCTURE WORK IN THIS PROJECT SEE STRUCTURE PLANS

N

BEGIN CONSTRUCTION RAMP "AN"
STA. 29+13.98 "AN"
PROJECT 1100-01-77

BEGIN CONSTRUCTION RAMP "AM"
STA. 41+79.80 "AM"
PROJECT 1100-01-77

BEGIN CONSTRUCTION RAMP "AL"
STA. 24+77.84 "AL"
PROJECT 1100-01-77

N 116th ST.
N 115th ST.
W LYNX AVE
115th ST.
EXIST ROW
WETLAND BOUNDARY
R RAMP "AN"
30"AN"
35"AN"
40"AN"
380
385
390
STH 175
SB IH 41
NB IH 41
USH 45/STH 100
USH 41
25"AL"
30"AL"
35"AL"
40"AL"
32+13 (BEGIN LT SHLDR MILL & OVERLAY)
32+13 (BEGIN RT SHLDR MILL & OVERLAY)
37+77 (END RT SHLDR MILL & OVERLAY)
41+80
42+41
REPLACE EXISTING CONCRETE BARRIER
40"AM"
35"AM"
B-40-346
B-40-347
STRUCTURES B-40-346 AND B-40-347 WILL BE REHABILITATED AS PART OF PROJECT 1100-21-70
R RAMP "AM"
R RAMP "AL"
PAINTING STRUCTURE B-40-939
SIGN
MH
INL
W

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_141

NOTES:
1. FOR MORE DETAILS ABOUT THE STRUCTURE WORK IN THIS PROJECT SEE STRUCTURE PLANS

BEGIN CONSTRUCTION RAMP "AM"
STA. 41+79.80 "AM"
PROJECT 1100-01-77

℄ RAMP "AN"

℄ RAMP "AM"

WETLAND BOUNDARY

40"AN"

45"AN"

45"AM"

44+24

42+41

41+80

REPLACE EXISTING CONCRETE BARRIER

USH 41

40"AM"

B-40-354

W MILL RD

B-40-348

B-40-349

SB IH 41

NB IH 41

395

400

405

30

35

STRUCTURES B-40-350 AND B-40-351 WILL BE REHABILITATED AS PART OF PROJECT 1100-21-70

B-40-350

B-40-351

STRUCTURES B-40-346 AND B-40-347 WILL BE REHABILITATED AS PART OF PROJECT 1100-21-70

STRUCTURES B-40-348 AND B-40-349 WILL BE RECONSTRUCTED UNDER PROJECT 1100-21-71

℄ MILL RD

END CONSTRUCTION RAMP "AL"
STA. 50+63.50 "AL"
PROJECT 1100-01-77

50"AL"

50"AK"

USH 41 / STH 175

STH 175

114th ST.

EXIST ROW

37+77
(END RT SHLDR MILL & OVERLAY)

40"AL"

41+00
(BEGIN RT SHLDR MILL & OVERLAY)

℄ RAMP "AL"

45"AL"

45"AK"

B-40-355

℄ RAMP "AK"

BEGIN CONSTRUCTION RAMP "AK"
STA. 41+44.81 "AK"
PROJECT 1100-01-77

40"AK"

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050213_PN
PLOT DATE : 6/4/2019 2:51 PM
PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

LEGEND

- BASE PATCHING SHES
- CONCRETE PAVEMENT REPAIR SHES
- CONCRETE PAVEMENT REPLACEMENT SHES
- CONCRETE PAVEMENT APPROACH SLAB HES
- CONCRETE OVERLAY
- DIAMOND GRINDING
- MILL AND OVERLAY
- HIGH FRICTION SURFACE TREATMENT
- CRACK REPAIR
- EXPANSION JOINT REPLACEMENT
- CONCRETE BARRIER REPLACEMENT

BEGIN CONSTRUCTION RAMP "AM"
STA. 41+79.80 "AM"
PROJECT 1100-01-77

END CONSTRUCTION RAMP "AN"
STA. 51+43.97 "AN"
PROJECT 1100-01-77

END CONSTRUCTION RAMP "AL"
STA. 50+63.50 "AL"
PROJECT 1100-01-77

WETLAND BOUNDARY

℄ RAMP "AN"

℄ RAMP "AM"

℄ RAMP "AL"

℄ RAMP "AK"

℄ MILL RD

W MILL RD

USH 41 / STH 175

STH 175

USH 41

SB IH 41

NB IH 41

40"AN"

45"AN"

45"AM"

50"AN"

50"AM"

55"AM"

50"AL"

50"AK"

40"AM"

44+24 (END RT MILL SHLDR & OVERLAY)

51+50 (BEGIN RT SHLDR MILL & OVERLAY)

42+41

41+80

REPLACE EXISTING CONCRETE BARRIER

B-40-346

B-40-347

B-40-348

B-40-349

B-40-350

B-40-351

B-40-354

B-40-355

395

400

405

STRUCTURES B-40-346 AND B-40-347 WILL BE REHABILITATED AS PART OF PROJECT 1100-21-70

STRUCTURES B-40-348 AND B-40-349 WILL BE RECONSTRUCTED UNDER PROJECT 1100-21-71

STRUCTURES B-40-350 AND B-40-351 WILL BE REHABILITATED AS PART OF PROJECT 1100-21-70

NOTES:
1. FOR MORE DETAILS ABOUT THE STRUCTURE WORK IN THIS PROJECT SEE STRUCTURE PLANS

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_143

NOTES:
1. FOR MORE DETAILS ABOUT THE STRUCTURE WORK IN THIS PROJECT SEE STRUCTURE PLANS

N

WETLAND BOUNDARY
57"AL"
WETLAND BOUNDARY
USH 41
55"AM"
SIGN
WETLAND BOUNDARY
PAINTING STRUCTURE
B-40-940
℄ RAMP "AM"
USH 41
60"AM"
WETLAND BOUNDARY
WETLAND BOUNDARY
55"AL"
60+00
(END RT SHLDR MILL & OVERLAY)
SIGN
℄ RAMP "AM"
EXIST ROW
SEPTIC
SEPTIC
W
REMOVE EXISTING GUARDRAIL, ANDINSTALL NEW MBS GUARDRAIL AT THE EDGE OF PAVEMENT
(SEE CROSS SECTIONS "APPLETON AVE RAMP AM, R/L AM1"
HINGE POINT LINE
WETLAND BOUNDARY
64"AM1"
SLOPE INTERCEPT
66"AM1"
END CONSTRUCTION RAMP "AM"
STA. 418+50.20
PROJECT 1100-01-77

5

405
INL
MH
INL
INL
410
SB IH 41
415
W
INL
W
INL
W
INL
NB IH 41
58+83
(END RT SHLDR MILL & OVERLAY)
INL
W
W
INL
60"AK"
65"AK"
65"AK"
END CONSTRUCTION RAMP "AK"
STA. 65+16.60 "AK"
PROJECT 1100-01-77

5

WETLAND BOUNDARY
WETLAND BOUNDARY
55"AK"
USH 41
USH 41
MH
INL
℄ RAMP "AK"
WETLAND BOUNDARY
MH
MH
W
EXIST ROW
U/C
POOL
W
U/C
U/C

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050215_PN
PLOT DATE : 6/4/2019 2:52 PM
PLOT BY : VINDEDAHL, EMMA M PLOT NAME :
PLOT SCALE : 1 IN:100 FT
WISDOT/CADDS SHEET 44

NOTES:
1. FOR MORE DETAILS ABOUT THE STRUCTURE WORK IN THIS PROJECT SEE STRUCTURE PLANS

EXIST ROW

WETLAND BOUNDARY

BEGIN CONSTRUCTION GOOD HOPE RD
STA. 53+47.93 "GEB"
PROJECT 1100-01-77

EB GOOD HOPE RD

WB GOOD HOPE RD

GOOD HOPE RD SB ENTRANCE RAMP

WETLAND BOUNDARY

B-40-249

B-40-248

435 440 445

55"GEB"

55"GWB"

SB IH 41

NB IH 41

BEGIN CONSTRUCTION RAMP "GP"
STA. 188+54.37 "GP"
PROJECT 1100-01-77

190"GP"

NB GOOD HOPE EXIT RAMP

195"GO"

195"GP"

℄ RAMP "GP"

℄ RAMP "GQ"

WETLAND BOUNDARY

WETLAND BOUNDARY

WETLAND BOUNDARY

GOOD HOPE RD NB ENTRANCE RAMP

END CONSTRUCTION GOOD HOPE RD
STA. 56.17+70 "GEB"
PROJECT 1100-01-77

WETLAND BOUNDARY

EXIST ROW

℄ "GEB"

℄ "GWB"

60"GEB"

60"GWB"

END CONSTRUCTION RAMP "GP"
STA. 199+30.15 "GP"
PROJECT 1100-01-77

LEGEND

BASE PATCHING SHES	MILL AND OVERLAY
CONCRETE PAVEMENT REPAIR SHES	HIGH FRICTION SURFACE TREATMENT
CONCRETE PAVEMENT REPLACEMENT SHES	CRACK REPAIR
CONCRETE PAVEMENT APPROACH SLAB HES	EXPANSION JOINT REPLACEMENT
CONCRETE OVERLAY	CONCRETE BARRIER REPLACEMENT
DIAMOND GRINDING	

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_145

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN.DWG
LAYOUT NAME - 050216_PN

PLOT DATE : 6/4/2019 2:52 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 44

EB HAMPTON AVE

N

HAMPTON AVE SB ENTRANCE RAMP

SIGN

SIGN

+20.93"HK", -0.23' LT
730.90 "T"

+22.96"HK", -0.17' LT
731.09 "T"

+21.59"HK", -5.70' LT
730.98

+22.88"HK", 2.33' RT
730.95

+22.06"HK", -9.54' LT
730.98

+20.87"HK", 0.27' RT
730.89 "G"

+15.91"HK", -0.38' LT
730.81 "T"

+17.28"HK", -11.70' LT
730.93

+15.85"HK", 0.11' RT
730.80 "G"

+13.60"HK", 2.03' RT
730.78

+10.69"HK", -14.67' LT
730.48

+13.90"HK", -0.46' LT
731.13 "T"

+16.65"HK", -6.50' LT
730.93

+06.13"HK", -16.73' LT
730.43

+08.63"HK", -10.12' LT
730.51

+01.31"HK", -18.91' LT
730.34 "T"

+04.07"HK", -12.17' LT
730.46

+02.03"HK", -20.78' LT
730.74 "T"

23+00"HK"

+00.86"HK", -19.11' LT
730.33 "G"

+98.27"HK", -10.99' LT
730.74 "T"

+99.70"HK", -21.67' LT
730.32

+95.94"HK", -11.88' LT
730.32

+99.52"HK", -14.23' LT
730.36 "T"

+99.06"HK", -14.44' LT
730.35 "G"

+88.54"HK", -26.75' LT
730.14

+85.83"HK", -25.90' LT
730.14 "G"

+83.11"HK", -21.64' LT
730.01 "G"

+86.31"HK", -27.87' LT
730.27 "T"

+83.46"HK", -18.79' LT
729.94

+85.37"HK", -26.10' LT
730.15 "T"

+86.30"HK", -43.59' LT
730.93

+81.50"HK", -20.34' LT
729.89 "T"

+82.64"HK", -21.85' LT
730.00 "G"

+82.08"HK", -45.23' LT
731.10

+78.54"HK", -23.70' LT
730.32

+80.46"HK", -28.33' LT
730.37

+73.96"HK", -25.76' LT
730.37

+75.90"HK", -30.38' LT
730.42

+17.78"HK", 42.46' RT
731.12 "T"

+15.09"HK", 47.90' RT
730.87

+19.93"HK", 41.19' RT
730.78

+14.49"HK", 52.86' RT
730.87

+15.99"HK", 40.46' RT
730.76 "T"

+12.78"HK", 64.65' RT
730.91

+16.29"HK", 40.06' RT
730.75 "G"

+11.16"HK", 38.60' RT
730.59 "G"

+08.09"HK", 64.08' RT
730.89

+09.34"HK", 36.43' RT
730.56

+09.52"HK", 52.26' RT
730.82

+11.12"HK", 39.09' RT
730.60 "T"

+10.13"HK", 47.29' RT
730.82

+09.13"HK", 38.92' RT
730.93 "T"

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_146

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - Hamp SB Entrance

PLOT DATE : 6/3/2019 4:51 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

2

N

HAMPTON AVE SB EXIT RAMP

WB HAMPTON AVE

SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
SIGN
GUY
GUY
GUY POLE
MH

8+50"HL"
9+00"HL"
8+00"HL"

+41.36"HL", -2.01' LT
730.88 "T"
+38.71"HL", -1.58' LT
731.00 "G"
+38.05"HL", -2.10' LT
731.01 "T"
+23.84"HL", -9.74' LT
731.53
+17.96"HL", -11.44' LT
731.58
+05.20"HL", -13.07' LT
732.16
+04.93"HL", -8.13' LT
732.13
+16.44"HL", -6.61' LT
731.63
+21.70"HL", -4.72' LT
731.58
+21.97"HL", -0.32' LT
731.32
+22.04"HL", -2.82' LT
731.27 "T"
+27.69"HL", -2.59' LT
731.16 "T"
+28.78"HL", -2.04' LT
731.15 "G"
+44.05"HL", 0.55' RT
730.91
+47.74"HL", 17.46' RT
731.31
+48.42"HL", 19.79' RT
731.69 "T"
+49.62"HL", 18.64' RT
731.21 "G"
+49.86"HL", 19.05' RT
731.22 "T"
+52.97"HL", 25.07' RT
731.33
+53.48"HL", 16.97' RT
731.07 "G"
+53.58"HL", 17.45' RT
731.08 "T"
+54.64"HL", 14.49' RT
731.09
+54.79"HL", 29.23' RT
731.38
+55.11"HL", 16.92' RT
731.60 "T"
+55.85"HL", 22.34' RT
731.28
+56.43"HL", 33.48' RT
731.37
+57.58"HL", 26.64' RT
731.33
+57.92"HL", 37.81' RT
731.32
+58.80"HL", 44.86' RT
731.18 "T"
+59.12"HL", 31.03' RT
731.32
+59.26"HL", 47.20' RT
730.97
+59.77"HL", 43.98' RT
730.97 "T"
+59.89"HL", 44.43' RT
730.96 "G"
+60.51"HL", 35.48' RT
731.27
+62.26"HL", 41.89' RT
730.81
+62.37"HL", 42.35' RT
730.80 "G"
+62.41"HL", 62.39' RT
730.82
+63.27"HL", 41.06' RT
731.13 "T"
+63.30"HL", 63.93' RT
730.67 "T"
+63.83"HL", 43.35' RT
730.70
+63.92"HL", 62.03' RT
730.66 "G"
+64.00"HL", 62.50' RT
730.67 "T"
+64.87"HL", 67.33' RT
730.75
+65.64"HL", 72.00' RT
730.80
+66.04"HL", 60.13' RT
730.47
+66.12"HL", 60.60' RT
730.48 "T"
+66.35"HL", 76.64' RT
730.93
+66.62"HL", 57.57' RT
730.50
+67.00"HL", 59.94' RT
730.67 "T"
+67.64"HL", 70.34' RT
730.75
+68.04"HL", 75.26' RT
730.90
+66.94"HL", 65.60' RT
730.70

4.7% 1.0% 3.5% 0.6% 1.0% 1.0% 5.0% 1.5% 7.0% 1.7%
3.4% 1.0% 1.0% 0.2% 1.0% 1.0% 2.6% 1.5% 1.0% 0.2% 1.0% 1.0% 2.0% 5.0% 3.1%
3.6% 4.2% 1.0% 3.0% 2.0% 1.0% 0.8% 1.5% 1.0% 2.6%

2

2

N

EB HAMPTON AVE

+82.49"HM", -104.89' LT
727.16
+86.36"HM", -95.70' LT
726.81
+88.18"HM", -91.03' LT
726.76
+92.55"HM", -85.34' LT
726.62 "T"
+90.77"HM", -84.40' LT
726.37 "T"
+94.21"HM", -83.47' LT
726.49
+90.97"HM", -83.93' LT
726.36 "G"
+86.37"HM", -81.97' LT
726.23 "G"
+85.24"HM", -79.32' LT
726.17
+86.17"HM", -82.43' LT
726.24 "T"
+84.33"HM", -81.65' LT
726.43 "T"
+83.53"HM", -89.19' LT
726.71
+81.70"HM", -93.86' LT
726.76
+78.10 "HM", -103.14' LT
727.11
+99.43"HM", -56.86' LT
726.36 "T"
+00.32"HM", -59.86' LT
726.41
+99.33"HM", -57.38' LT
726.35 "G"
+96.72"HM", -55.44' LT
726.20 "G"
+94.12"HM", -56.55' LT
726.21
+96.91"HM", -54.98' LT
726.21 "T"
+00.37"HM", -57.37' LT
726.65 "T"
+00.85"HM", -50.49' LT
726.50
+01.97"HM", -45.98' LT
726.45
+07.72"HM", -28.50' LT
725.51
+99.54"HM", -43.87' LT
726.40
+98.50"HM", -48.47' LT
726.42
+95.05"HM", -54.23' LT
726.65 "T"
+13.53"HM", -16.93' LT
725.32 "T"
+09.57"HM", -24.32' LT
725.46
+04.92"HM", -25.92' LT
725.52
+06.65"HM", -21.61' LT
725.47
+07.80"HM", -15.37' LT
725.79 "T"
+15.13"HM", -17.53' LT
725.79 "T"
+16.50"HM", -15.47' LT
725.37
+13.80"HM", -16.50' LT
725.31 "G"
+18.01"HM", -0.47' LT
725.03
+09.54"HM", -15.24' LT
725.32 "G"
+08.10"HM", -12.90' LT
725.33
+09.46"HM", -15.73' LT
725.33 "T"
+38.26"HM", -0.15' LT
724.88
+33.05"HM", 2.14' RT
723.92 "T"
+32.06"HM", 1.59' RT
723.91 "G"
+23.55"HM", 1.91' RT
724.98 "T"
+22.95"HM", 1.41' RT
724.97 "G"
+20.48"HM", 1.96' RT
725.07 "T"
+38.16"HM", 2.35' RT
724.82 "T"
+39.69"HM", 5.13' RT
725.14
+45.02"HM", 6.77' RT
725.09
+56.59, 8.55' RT
724.92
+56.17, 13.53' RT
724.97
+43.22"HM", 11.55' RT
725.15
+37.37"HM", 9.72' RT
725.20
291+50"HM"
291+00"HM"
SIGN
SIGN
HAMPTON AVE NB EXIT RAMP

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_148

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - Hamp NB Exit
PLOT DATE : 6/3/2019 4:50 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

HAMPTON AVE NB ENTANCE RAMP

"NH.09+2

2+00"HN"

SIGN

N

+35.21"HN", 41.73' RT
725.32

+30.69"HN", 40.06' RT
725.30

+33.68"HN", 46.49' RT
725.34

+26.01"HN", 36.10' RT
725.18 "T"

+29.09"HN", 44.80' RT
725.26

+24.72"HN", 37.87' RT
724.83 "T"

+22.10"HN", 42.23' RT
724.82 "T"

+23.95"HN", 34.59' RT
724.85

+21.19"HN", 44.00' RT
725.00 "T"

+24.23"HN", 37.69' RT
724.82 "G"

+18.94"HN", 42.91' RT
724.82

+04.52"HN", 30.44' RT
725.25 "G"

+21.62"HN", 42.06' RT
724.81 "G"

+07.04"HN", 29.10' RT
725.29

+04.05"HN", 30.26' RT
725.26 "T"

+03.03"HN", 35.21' RT
725.17 "G"

+04.65"HN", 28.35' RT
725.79 "T"

+04.34"HN", 37.70' RT
725.16

+98.27"HN", 28.14' RT
725.75

+01.96"HN", 36.95' RT
725.74 "T"

+93.58"HN", 26.41' RT
725.89

+02.56"HN", 35.04' RT
725.18 "T"

+89.74"HN", 14.76' RT
726.13 "T"

+96.54"HN", 32.83' RT
725.71

+91.75"HN", 14.74' RT
726.49 "T"

+91.76"HN", 12.27' RT
726.09

+91.85"HN", 31.10' RT
725.81

+89.79"HN", 14.26' RT
726.12 "G"

+88.44"HN", 29.85' RT
726.13

+88.88"HN", 24.68' RT
726.26

+84.77"HN", 14.24' RT
725.23 "G"

+83.57"HN", 28.06' RT
726.26

+84.02"HN", 22.89' RT
726.36

+84.72"HN", 14.76' RT
726.24 "T"

+82.72"HN", 14.75' RT
726.65 "T"

+82.73"HN", 12.24' RT
726.35

+94.32"HN", -15.03' LT
726.81 "T"

+92.28"HN", -14.60' LT
726.44 "G"

+92.32"HN", -15.10' LT
726.45 "T"

+93.06"HN", -23.59' LT
727.01

+93.49"HN", -28.57' LT
727.04

+94.31"HN", -38.74' LT
727.47

+94.28"HN", -12.54' LT
726.35

+87.40"HN", -16.17' LT
726.51 "G"

+89.38"HN", -39.16' LT
727.31

+87.44"HN", -16.73' LT
726.52 "T"

+88.50"HN", -29.00' LT
726.99

+88.07"HN", -24.02' LT
726.96

+83.80"HN", -16.45' LT
726.62

+85.57"HN", -18.22' LT
726.58 "T"

WB HAMPTON AVE

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

PRE_149

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - Hamp NB Entrance

PLOT DATE : 6/3/2019 4:51 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

N

EB SILVER SPRING DR

SILVER SPRING SB ENTRANCE RAMP

MH

+55.22, -15.54' LT
737.99 "T"
+55.25, -14.45' LT
737.98 "G"
+55.35, -12.43' LT
738.07
+55.01, -21.13' LT
738.08
+54.82, -26.12' LT
738.03
+54.50, -34.31' LT
737.90
+50.34, -12.43' LT
738.00
+50.30, -14.14' LT
737.89 "G"
+50.23, -15.35' LT
737.90 "T"
+50.01, -20.93' LT
738.03
+49.82, -25.93' LT
737.98
+49.63, -30.93' LT
737.89
+48.42, -36.85' LT
737.72
+46.49, -32.24' LT
737.74
+43.80, -38.78' LT
737.67
+41.88, -34.17' LT
737.69
+38.55, -40.98' LT
737.58 "T"
+37.26, -36.09' LT
737.61 "T"
+37.52, -41.46' LT
737.57 "G"
+35.75, -42.32' LT
737.66
+36.21, -36.50' LT
737.60 "G"
+34.41, -37.24' LT
737.69
+31.02, -111.91' LT
737.45
+26.17, -112.81' LT
737.51
+19.27, -48.80' LT
737.65
+17.49, -49.69' LT
737.60 "G"
+16.59, -50.15' LT
737.61 "T"
+16.49, -44.98' LT
737.67
+14.44, -45.63' LT
737.61 "G"
+13.47, -46.03' LT
737.62 "T"
+11.54, -52.26' LT
737.69
+09.60, -47.66' LT
737.70
+06.91, -54.20' LT
737.74
+04.98, -49.58' LT
737.75

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - SS SB Entrance

PLOT DATE : 6/3/2019 4:52 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT

PRE_150

WISDOT/CADDS SHEET 42

2

2

SIGN

SILVER SPRING SB EXIT RAMP

N

+25.63, -35.99' LT
738.03

+26.39, -40.94' LT
738.11

+21.50, -41.98' LT
738.05

+20.73, -37.03' LT
737.97

+06.73, -86.67' LT
738.81

+01.79, -86.72' LT
738.78

1.5%

1.5%

7.0%

7.0%

1.5%

1.4%

0.6%

+25.05, -32.27' LT
737.65 "T"

+24.97, -31.77' LT
737.61 "G"

+24.68, -29.78' LT
737.65

+19.83, -31.29' LT
737.64

+20.15, -33.30' LT
737.60 "G"

+20.23, -33.83' LT
737.64 "T"

WB SILVER SPRING DR

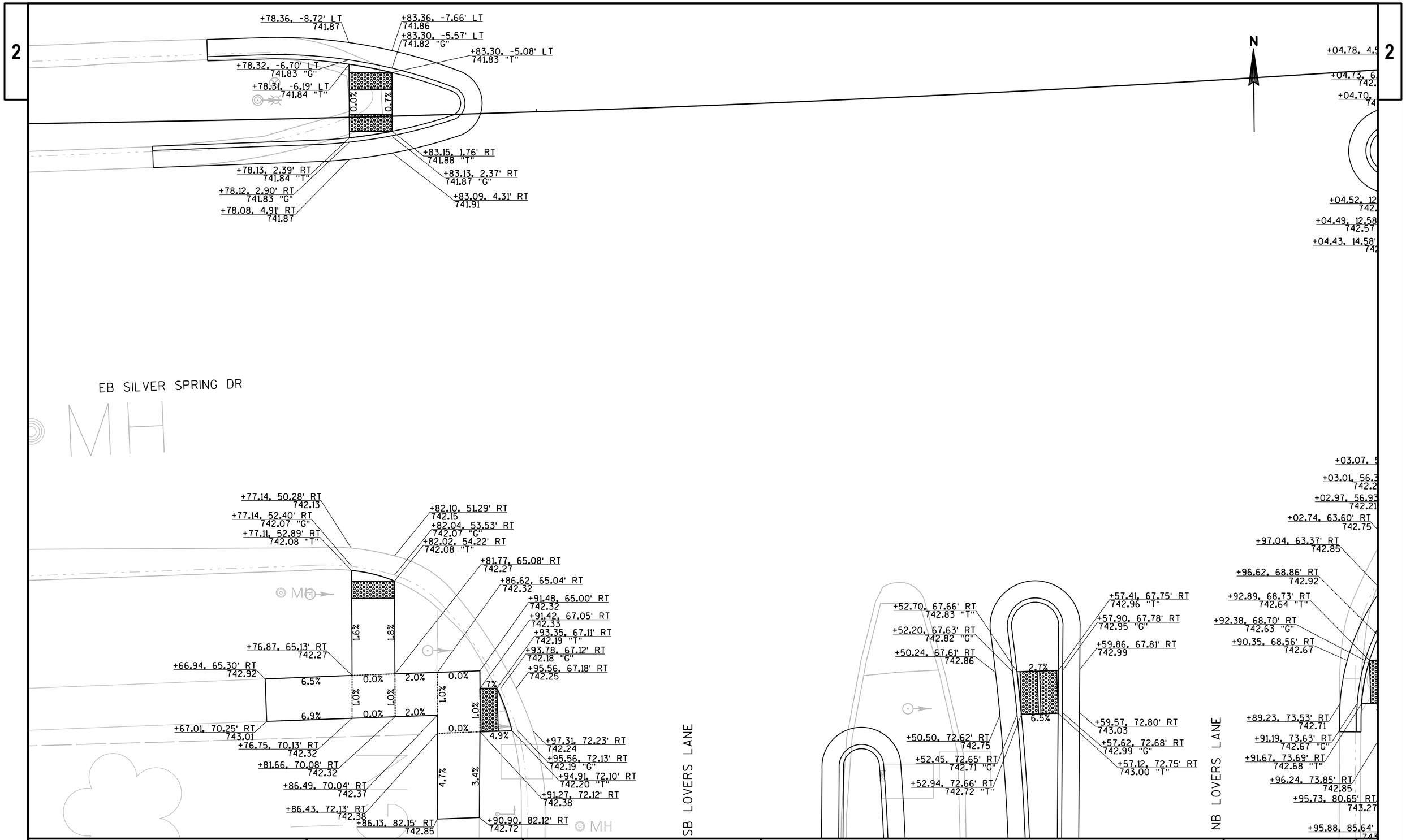
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - SS SB Exit

PLOT DATE : 6/3/2019 4:53 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT

PRE_151

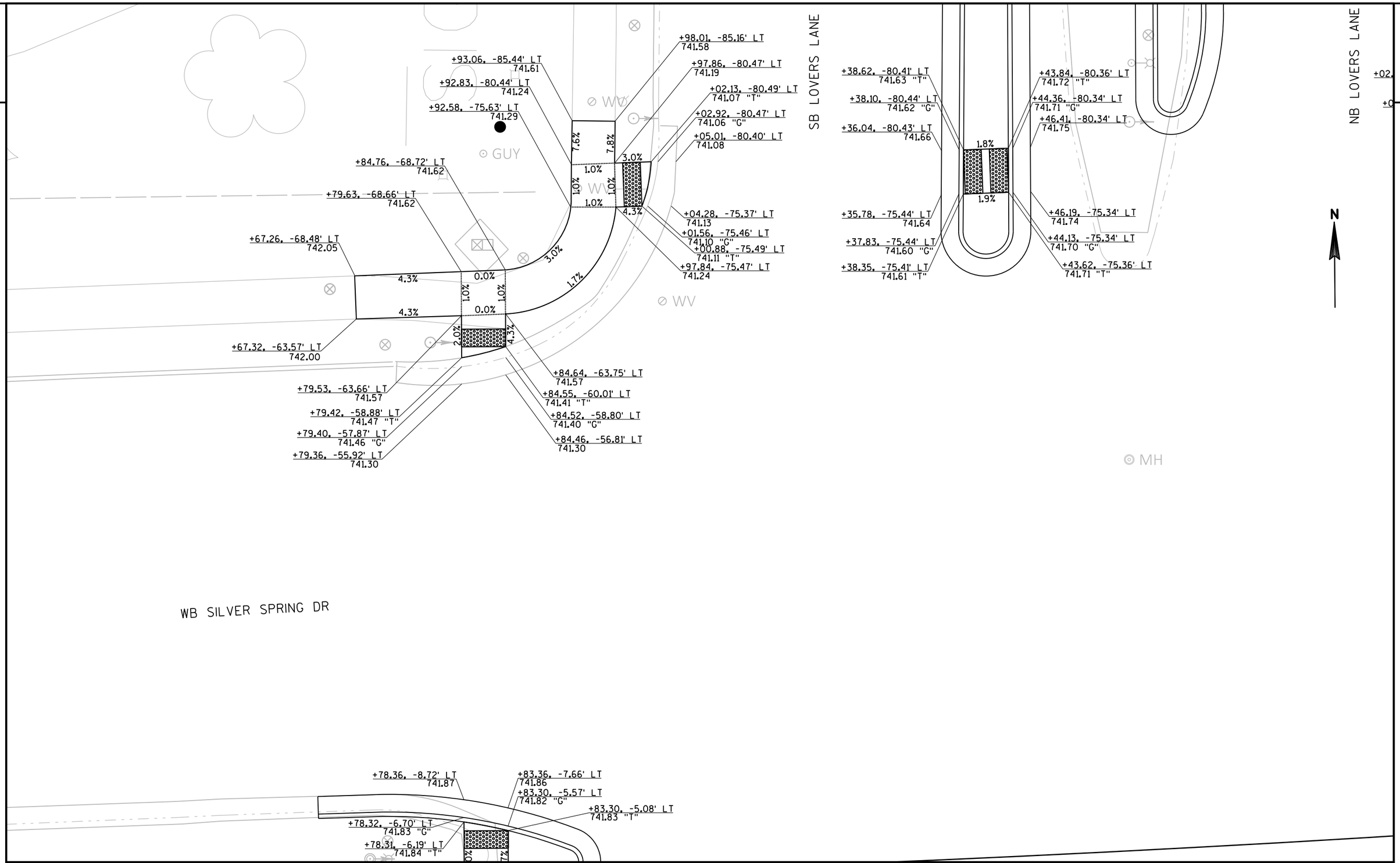
WISDOT/CADDS SHEET 42



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET

PRE_152

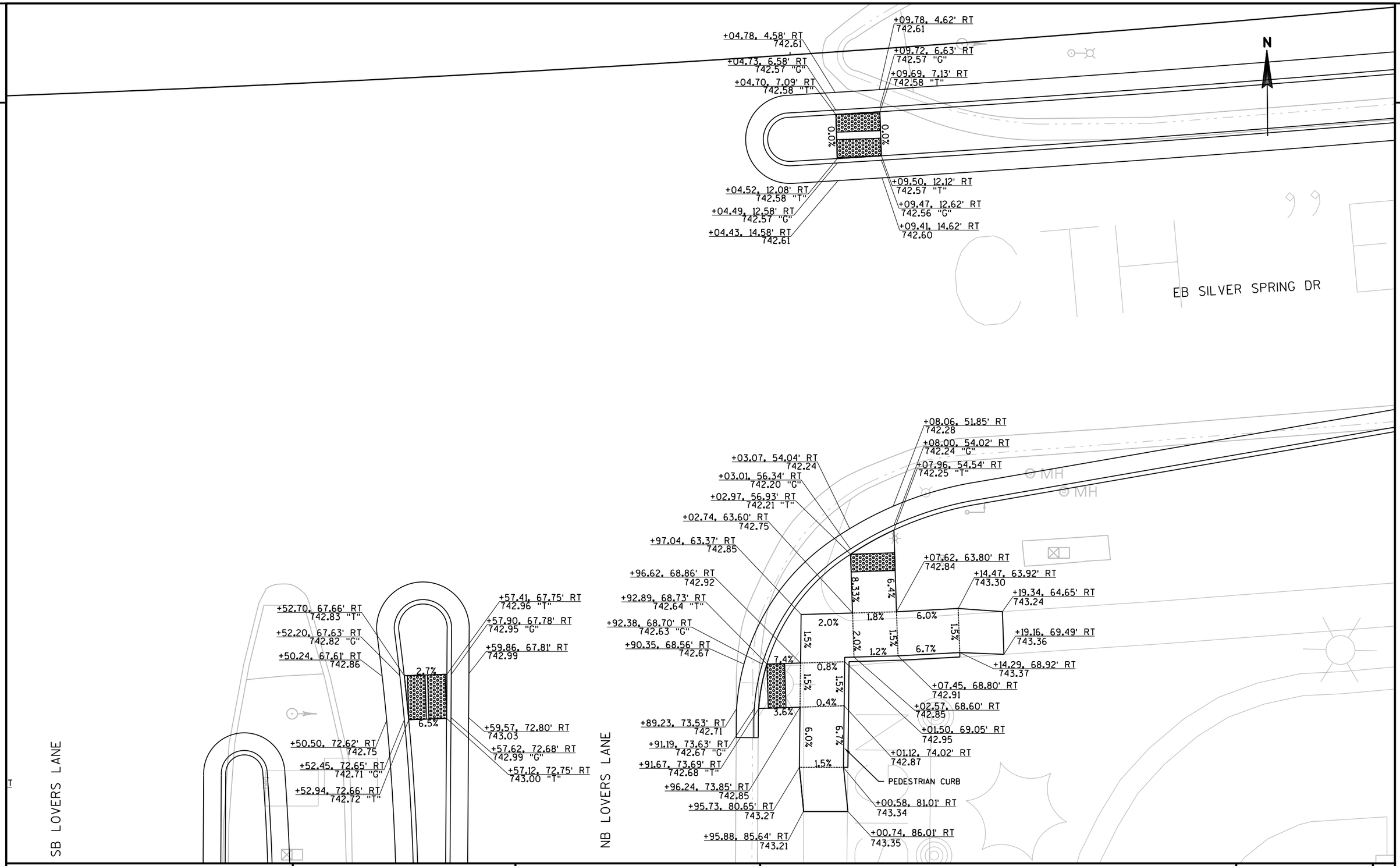
E



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - LL NW Corner
PLOT DATE : 6/3/2019 4:54 PM
PLOT BY : VINDEDAHL, EMMA M
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET PRE_154 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - LL SE Corner

PLOT DATE : 6/3/2019 4:53 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

2

NB LOVERS LANE

N

MH

+02.99, -79.19' LT
741.33 "T"

+02.36, -79.20' LT
741.32 "G"

+07.77, -79.05' LT
741.55

+00.49, -79.27' LT
741.45

+12.88, -78.89' LT
741.60

4.7%

1.0%

1.0%

1.0%

1.0%

0.0%

0.0%

+03.87, -74.17' LT
741.40 "T"

5.5%

1.6%

1.5%

+12.69, -73.89' LT
741.65

+01.29, -74.24' LT
741.50

+03.26, -74.11' LT
741.39 "G"

+07.61, -74.05' LT
741.60

+07.38, -67.16' LT
741.49 "T"

+07.27, -66.41' LT
741.48 "G"

+07.26, -63.56' LT
741.59

+12.25, -62.06' LT
741.48 "T"

+12.20, -61.36' LT
741.47 "G"

WV

+12.22, -58.88' LT
741.61

+08.92, -75.66' LT
741.85

+14.03, -75.64' LT
741.83

0.4%

0.6%

1.0%

+14.01, -70.64' LT
741.78

0.8%

+08.88, -70.66' LT
741.82

+13.84, -60.73' LT
741.49

2.9%

2.9%

+16.89, -60.70' LT
741.47

0.8%

+08.74, -60.80' LT
741.53

1.0%

1.0%

+16.83, -55.70' LT
741.42

0.8%

+08.67, -55.80' LT
741.48

MH

WB SILVER SPRING DR

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	PLAN SHEETS	SHEET E

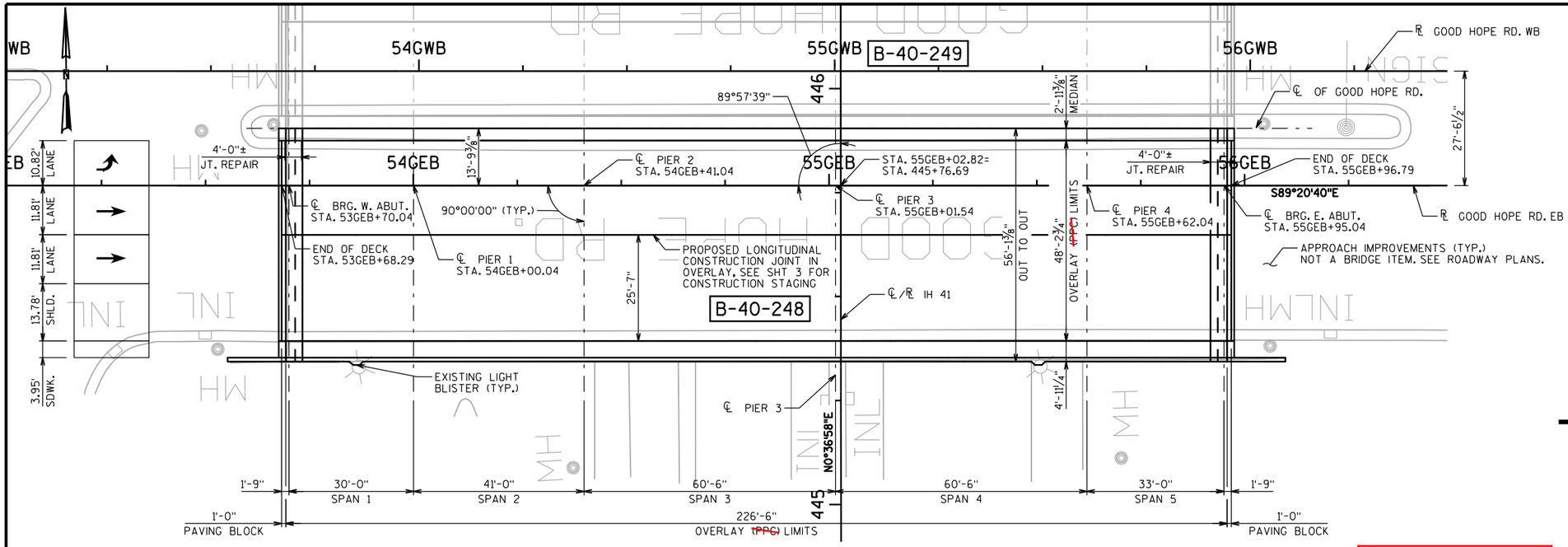
PRE_155

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_PN_CURB RAMP DETAILS.DWG
LAYOUT NAME - LL NE Corner

PLOT DATE : 6/3/2019 4:53 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT

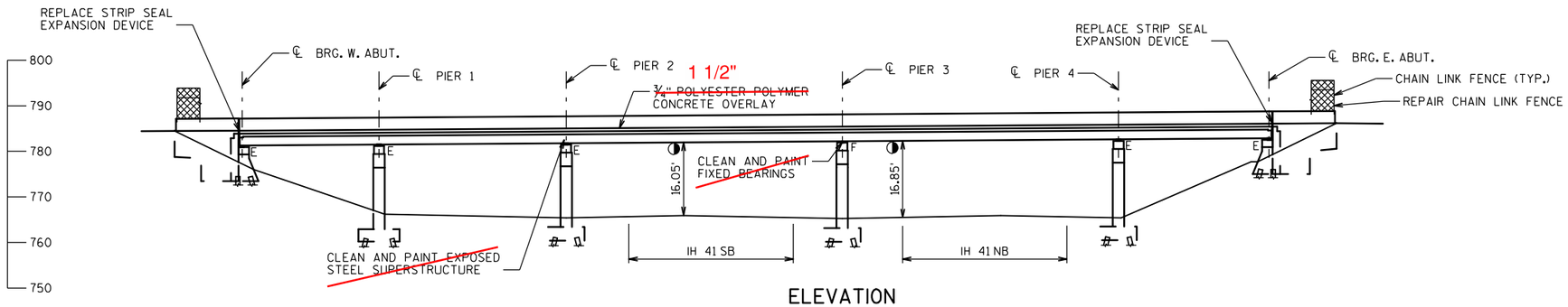
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER
1100-01-77



CONCRETE MASONRY PLAN

(PPC OVERLAY OF 5 SPAN STEEL GIRDERS)



ELEVATION

(LOOKING NORTH)

NOTE:
Painting to be done under mainline Project ID 1100-21-70

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING

LEGEND

TRAFFIC DIRECTION

LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017

TRAFFIC DATA

GOOD HOPE RD. EB

EXISTING A.D.T. = 8,600 (2015)
FUTURE A.D.T. = 9,700 (2040)
R.D.S. = 45 M.P.H.

IH 41

EXISTING A.D.T. = 96,900 (2012)
FUTURE A.D.T. = 112,600 (2040)
R.D.S. = 60 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi
BAR STEEL REINFORCEMENT ..... fy = 60,000 psi

IN PROGRESS PLANS 5/28/2019

PRELIMINARY PLANS

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY

HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-248

GOOD HOPE RD. EB OVER IH 41

COUNTY	CITY
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	RAB	DESIGN CK'D.	EAJ	DRAWN BY	RAB	PLANS CK'D.	EAJ

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_156

8

8

STATE PROJECT NUMBER
1100-01-77

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP OF THE NEW CONCRETE AT THE BACKWALL PAVING BLOCK ASSOCIATED WITH THE JOINT REPLACEMENT AND NEW CONCRETE AT THE TOP AND CURB FACES OF SIDEWALKS AND MEDIANS.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF NEW AND EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO APPLYING "PIGMENTED SURFACE SEALER" ON EXISTING PARAPETS.

"PROTECTIVE SURFACE TREATMENT RESEAL" SHALL BE APPLIED TO THE EXISTING CONCRETE SURFACES OF THE TOP AND CURB FACES OF SIDEWALKS AND MEDIANS.

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY BRIDGES". WHEN THE DECK PREPARATION AND FULL-DEPTH DECK REPAIRS ARE COMPLETE, APPLY THE ~~¾ PPC~~ OVERLAY TO LIMITS SHOWN ON THESE PLANS. <AREAS TO BE ADDED FOR FINAL DESIGN>

1 1/2" CONCRETE MASONRY

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- CRACK SEALING EPOXY
- EPOXY CRACK SEALING
- EPOXY INJECTION CRACK REPAIR
- CORED HOLES 2-INCH DIAMETER
- CURB REPAIR
- REMOVING LOOSE CONCRETE

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIRS AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CONCRETE MASONRY OVERLAY DECKS"

NEW CONCRETE AT JOINT REPAIR IS PAID FOR AS "CONCRETE MASONRY BRIDGES". THIS INCLUDES THE CONCRETE TO REPLACE SECTIONS OF PARAPET, SIDEWALK, AND MEDIAN WITHIN THE JOINT REPAIR LIMITS. THIS EXCLUDES THE ~~¾ OF PPC~~ OVERLAY. REFER TO THE "GENERAL PLAN AND ELEVATION" SHEET FOR THE LIMITS OF THE ~~PPC~~ OVERLAY.

1 1/2"" OF CONCRETE

CONCRETE

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

ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1½" CLEAR.

A MINIMUM OF ⅛-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CLEANING DECKS"

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF ¾" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 1½". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-40-248".

~~EXISTING FIXED BEARINGS AT PIER 3 TO BE CLEANED AND PAINTED.~~

~~CLEAN AND PAINT ALL EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, CONNECTIONS, ETC.~~

~~EXISTING STEEL SUPERSTRUCTURE SHALL BE PAINTED LIGHT GRAY, FEDERAL COLOR NUMBER 26293.~~

REMOVAL OF THE PARAPET, SIDEWALK, AND MEDIAN AT THE JOINTS IS INCLUDED IN BID ITEM "JOINT REPAIR".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

RESET RAISED FENCE POSTS PAID FOR UNDER "REPAIR CHAIN LINK FENCE".

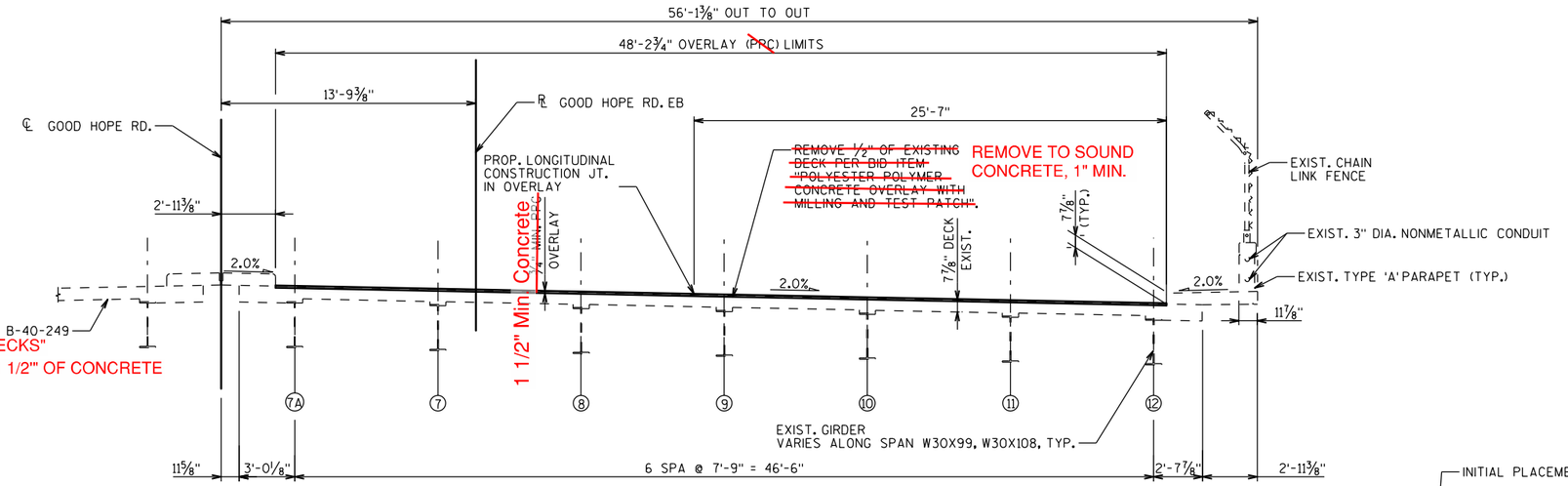
<PAINTING TO BE COMPLETED UNDER CONSTRUCTION PROJECT ID 1100-21-70>

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)

THE TOP OF DECK SLAB/OVERLAY,

1 3/4"

~~1"~~ AVERAGE OVERLAY THICKNESS



TYPICAL SECTION

(LOOKING EAST)

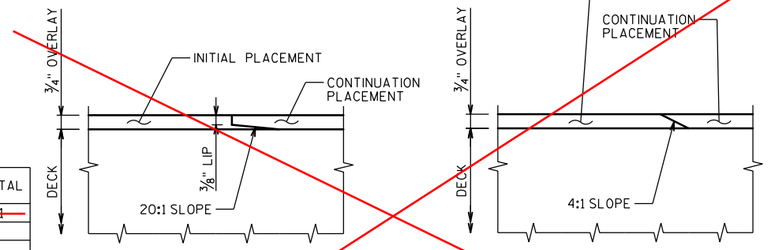
TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
~~203.0225.S.XX~~	~~DEBRIS CONTAINMENT B-40-248~~	~~LS~~	~~1~~
502.0100	CONCRETE MASONRY BRIDGES	CY	
502.0717.S	CRACK SEALING EPOXY	LF	
502.3100.XX	EXPANSION DEVICE B-40-248	LS	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	
502.3210	PIGMENTED SURFACE SEALER	SY	
502.3215.S	PROTECTIVE SURFACE TREATMENT RESEAL	SY	
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.1000	JOINT REPAIR	SY	
509.1200	CURB REPAIR	LF	
509.1500	CONCRETE SURFACE REPAIR	SF	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.9020.S	EPOXY CRACK SEALING	LF	
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	
509.9050.S	CLEANING PARAPETS	LF	
~~517.1800.S.XX~~	~~STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-248~~	~~LS~~	~~1~~
~~517.4500.S.XX~~	~~NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-248~~	~~LS~~	~~1~~
~~517.6001.S~~	~~PORTABLE DECONTAMINATION FACILITY~~	~~EACH~~	~~1~~
~~SPV.0035.XX~~	~~POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH~~	~~CY~~	
~~SPV.0060.XX~~	~~CLEANING AND PAINTING BEARINGS~~	~~EACH~~	
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0105.XX	REPAIR CHAIN LINK FENCE	LS	1
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	
	NON-BID ITEMS		

509.0500 CLEANING DECKS SY

509.2500 CONCRETE MASONRY OVERLAY DECKS CY

ALL ITEMS ARE CATEGORY XXXX



TRANSVERSE JOINT

LONGITUDINAL JOINT

DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.

AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF THE PROPOSED LANE).

IN PROGRESS PLANS
5/28/2019

PRELIMINARY PLANS

NOTE:
Painting to be done under mainline Project ID 1100-21-70

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-248

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

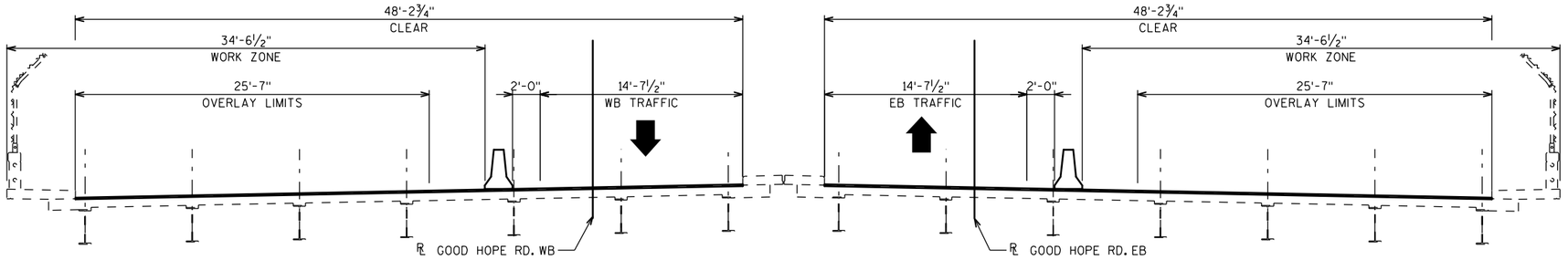
SHEET 2 OF 3

PRE_157

8

8

STATE PROJECT NUMBER
1100-01-77

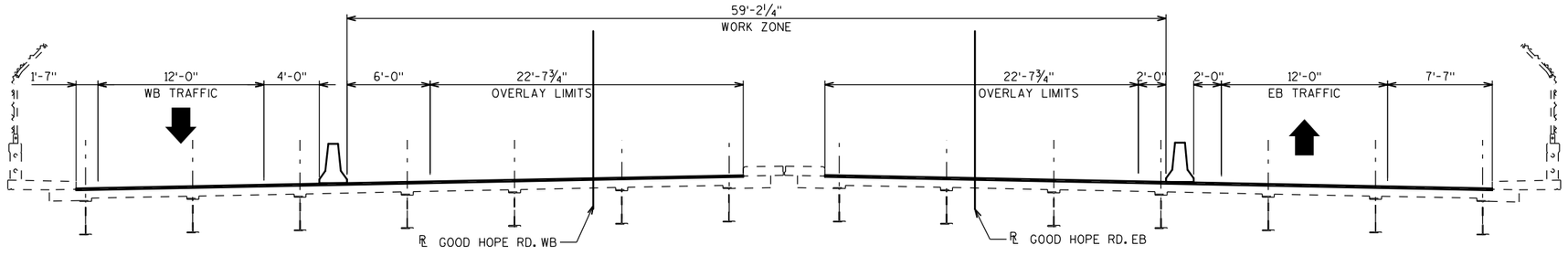


B-40-249 B-40-248

CROSS SECTION THRU ROADWAY

PHASE 1

(LOOKING EAST)



B-40-249 B-40-248

CROSS SECTION THRU ROADWAY

PHASE 2

(LOOKING EAST)

8

8

NOTES

PHASE NUMBERS FOR STRUCTURE WORK DO NOT MATCH ROADWAY STAGING PLAN NUMBERING.

SEE ROADWAY PLANS FOR COMPLETE PROJECT STAGING DETAILS.

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-248

DRAWN BY RAB | PLANS CK'D. EAJ

CONSTRUCTION STAGING

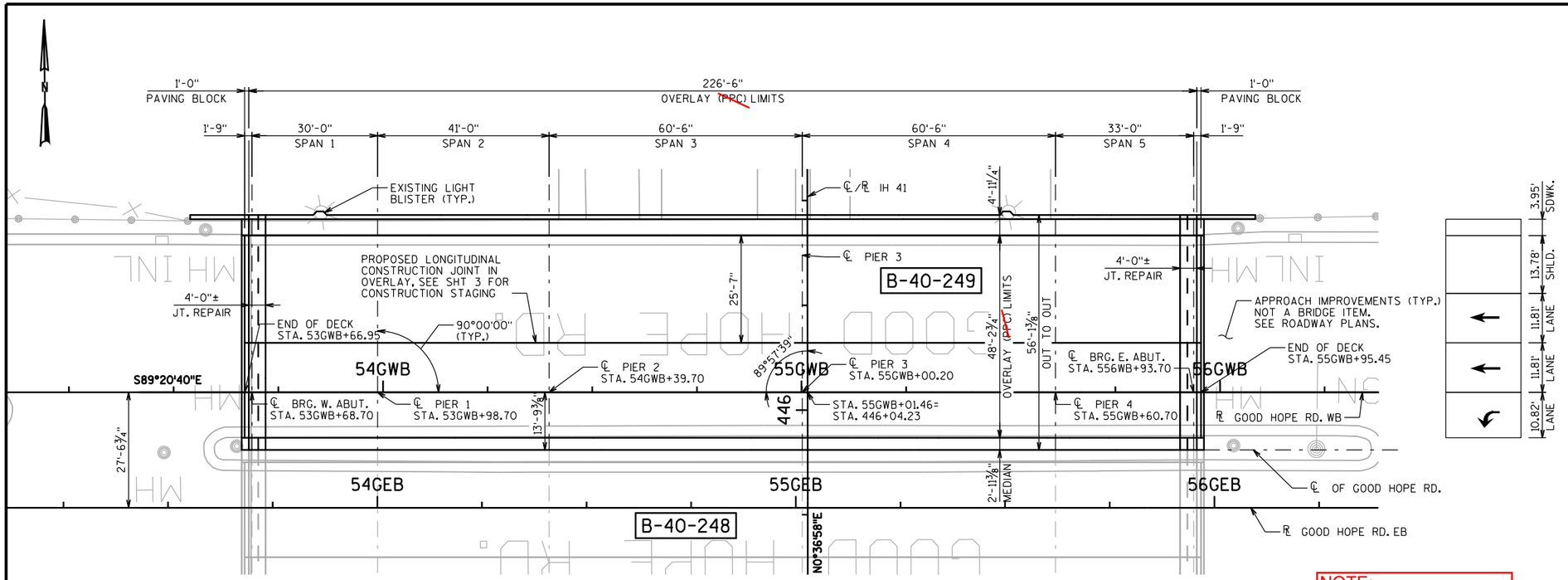
SHEET 3 OF 3

PRE_158

STATE PROJECT NUMBER
1100-01-77

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING



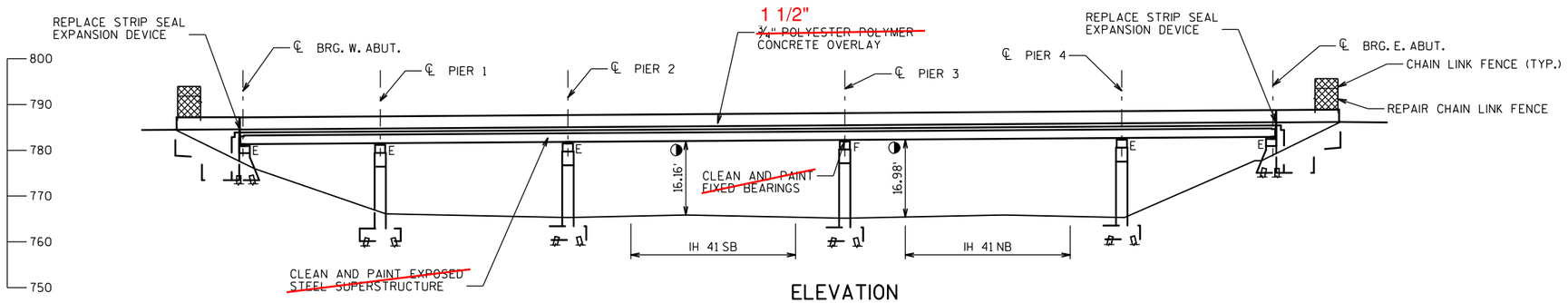
CONCRETE MASONRY PLAN
(PPC OVERLAY OF 5 SPAN STEEL GIRDERS)

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)

LEGEND

TRAFFIC DIRECTION

LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017



ELEVATION
(LOOKING NORTH)

NOTE:
Painting to be done under mainline Project ID 1100-21-70

TRAFFIC DATA

GOOD HOPE RD. WB

EXISTING A.D.T. = 19,800 (2015)
FUTURE A.D.T. = 22,300 (2040)
R.D.S. = 45 M.P.H.

IH 41

EXISTING A.D.T. = 96,900 (2012)
FUTURE A.D.T. = 112,600 (2040)
R.D.S. = 60 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi
BAR STEEL REINFORCEMENT ..... fy = 60,000 psi

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY

HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-249

GOOD HOPE RD. WB OVER IH 41

COUNTY	CITY
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
RAB	EAJ	RAB	EAJ

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_159

8

8

STATE PROJECT NUMBER
1100-01-77

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP OF THE NEW CONCRETE AT THE BACKWALL PAVING BLOCK ASSOCIATED WITH THE JOINT REPLACEMENT AND NEW CONCRETE AT THE TOP AND CURB FACES OF SIDEWALKS AND MEDIANS.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF NEW AND EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO APPLYING "PIGMENTED SURFACE SEALER" ON EXISTING PARAPETS.

"PROTECTIVE SURFACE TREATMENT RESEAL" SHALL BE APPLIED TO THE EXISTING CONCRETE SURFACES OF THE TOP AND CURB FACES OF SIDEWALKS AND MEDIANS.

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY BRIDGES". WHEN THE DECK PREPARATION AND FULL-DEPTH DECK REPAIRS ARE COMPLETE, APPLY THE ~~¾" PPC~~ 1 1/2" CONCRETE MASONRY OVERLAY TO LIMITS SHOWN ON THESE PLANS. <AREAS TO BE ADDED FOR FINAL DESIGN>

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- CRACK SEALING EPOXY
- EPOXY CRACK SEALING
- EPOXY INJECTION CRACK REPAIR
- CORED HOLES 2-INCH DIAMETER
- CURB REPAIR
- REMOVING LOOSE CONCRETE

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIRS AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CONCRETE MASONRY OVERLAY DECKS"

NEW CONCRETE AT JOINT REPAIR IS PAID FOR AS "CONCRETE MASONRY BRIDGES". THIS INCLUDES THE CONCRETE TO REPLACE SECTIONS OF PARAPET, SIDEWALK, AND MEDIAN WITHIN THE JOINT REPAIR LIMITS. THIS EXCLUDES THE ~~¾" OF PPC~~ 1 1/2" OF CONCRETE OVERLAY. REFER TO THE "GENERAL PLAN AND ELEVATION" SHEET FOR THE LIMITS OF THE ~~PPC~~ CONCRETE OVERLAY.

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

ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1½" CLEAR.

A MINIMUM OF ~~½~~ 1 INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CLEANING DECKS".

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF ~~¾"~~ 1 1/2" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS ~~¾"~~ 1 3/4". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-40-249".

~~EXISTING FIXED BEARINGS AT PIER 3 TO BE CLEANED AND PAINTED.~~

~~CLEAN AND PAINT ALL EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, CONNECTIONS, ETC.~~

~~EXISTING STEEL SUPERSTRUCTURE SHALL BE PAINTED LIGHT GRAY, FEDERAL COLOR NUMBER 26293.~~

REMOVAL OF THE PARAPET, SIDEWALK, AND MEDIAN AT THE JOINTS IS INCLUDED IN BID ITEM "JOINT REPAIR".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

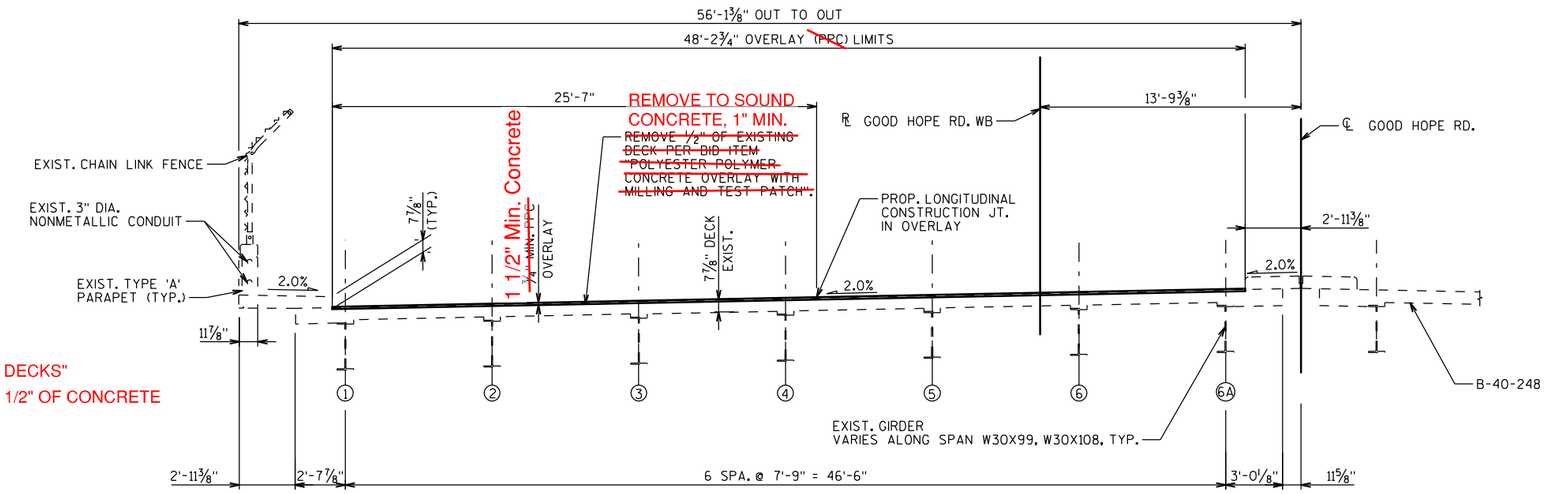
RESET RAISED FENCE POSTS PAID FOR UNDER "REPAIR CHAIN LINK FENCE".

<PAINTING TO BE COMPLETED UNDER CONSTRUCTION PROJECT ID 1100-21-70>

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)

1 3/4"
~~¾"~~ AVERAGE OVERLAY THICKNESS

THE TOP OF DECK SLAB/OVERLAY,



TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
~~203.0225.S.XX~~	~~DEBRIS CONTAINMENT B-40-249~~	~~LS~~	~~1~~
502.0100	CONCRETE MASONRY BRIDGES	CY	
502.0717.S	CRACK SEALING EPOXY	LF	
502.3100.XX	EXPANSION DEVICE B-40-249	LS	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	
502.3210	PIGMENTED SURFACE SEALER	SY	
502.3215.S	PROTECTIVE SURFACE TREATMENT RESEAL	SY	
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.1000	JOINT REPAIR	SY	
509.1200	CURB REPAIR	LF	
509.1500	CONCRETE SURFACE REPAIR	SF	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.9020.S	EPOXY CRACK SEALING	LF	
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	
509.9050.S	CLEANING PARAPETS	LF	
~~517.1800.S.XX~~	~~STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-249~~	~~LS~~	~~1~~
~~517.4500.S.XX~~	~~NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-249~~	~~LS~~	~~1~~
~~517.6001.S~~	~~PORTABLE DECONTAMINATION FACILITY~~	~~EACH~~	~~1~~
~~SPV.0035.XX~~	~~POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH~~	~~CY~~	
~~SPV.0060.XX~~	~~CLEANING AND PAINTING BEARINGS~~	~~EACH~~	
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0105.XX	REPAIR CHAIN LINK FENCE	LS	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	
	NON-BID ITEMS		

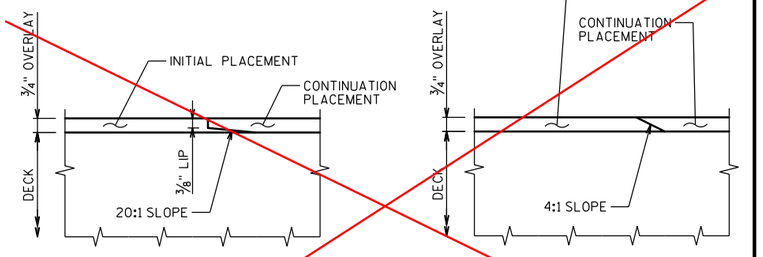
509.0500 CLEANING DECKS SY

509.2500 CONCRETE MASONRY OVERLAY DECKS CY

ALL ITEMS ARE CATEGORY XXXX

TYPICAL SECTION

(LOOKING EAST)



TRANSVERSE JOINT

LONGITUDINAL JOINT

DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.

AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF THE PROPOSED LANE).

IN PROGRESS PLANS
5/28/2019 PRELIMINARY PLANS

NOTE:
Painting to be done under mainline Project ID 1100-21-70

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-249

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 3

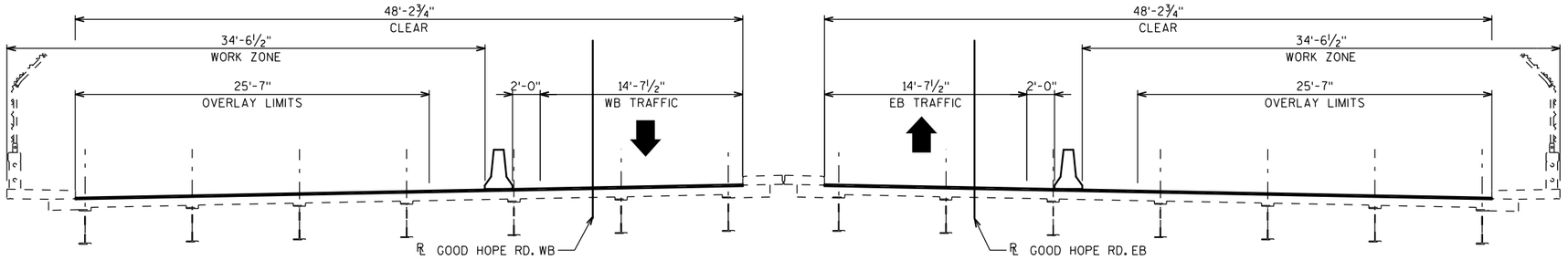
PRE_160

8

8

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STATE PROJECT NUMBER
1100-01-77

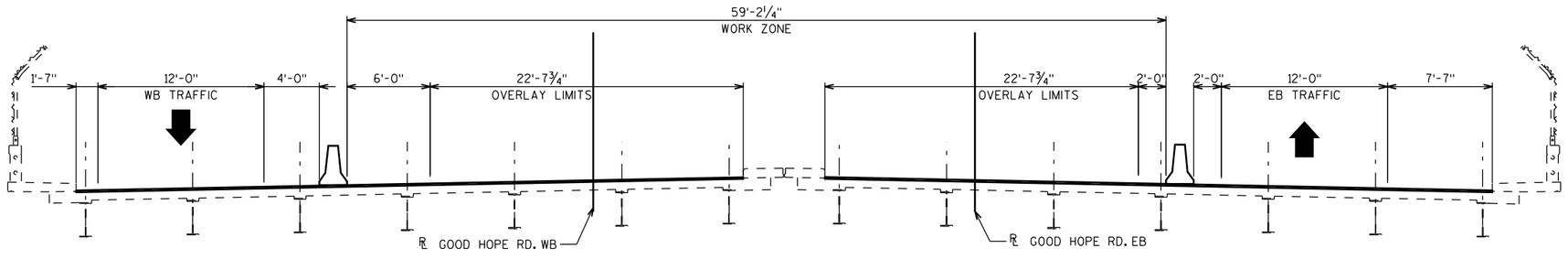


B-40-249 B-40-248

CROSS SECTION THRU ROADWAY

PHASE 1

(LOOKING EAST)



B-40-249 B-40-248

CROSS SECTION THRU ROADWAY

PHASE 2

(LOOKING EAST)

8

8

NOTES

PHASE NUMBERS FOR STRUCTURE WORK DO NOT MATCH ROADWAY STAGING PLAN NUMBERING.

SEE ROADWAY PLANS FOR COMPLETE PROJECT STAGING DETAILS.

PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-249

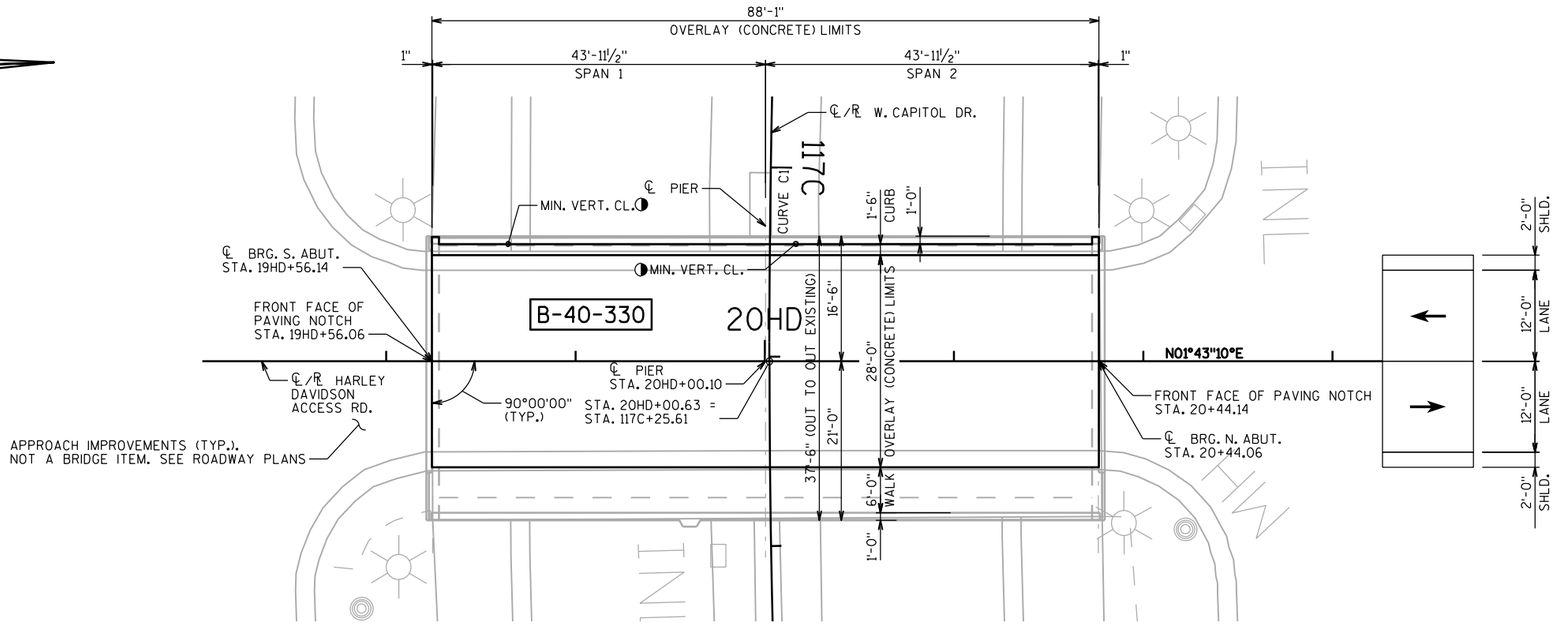
DRAWN BY	RAB	PLANS CK'D.	EAJ

CONSTRUCTION STAGING

SHEET 3 OF 3

PRE_161

STATE PROJECT NUMBER
1100-20-70



PLAN

(CONCRETE OVERLAY OF 2 SPAN HAUNCHED CONCRETE SLAB)

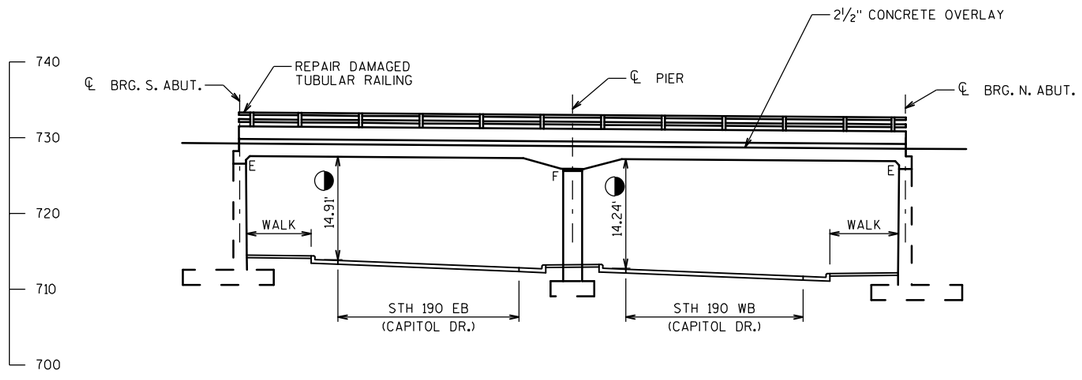
LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

LEGEND

→ TRAFFIC DIRECTION

◑ LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017



ELEVATION

(LOOKING WEST)

HORIZONTAL CURVE DATA

STH 190 CAPTIOL DR.

P.I. = 117C+55.13
Y = 317934.58
X = 565941.05
Δ = 12° 00' 00"
D = 3° 30' 00"
T = 172.06'
L = 342.86'
R = 1637.02'
P.C. = 115C+83.07
Y = 317954.52
X = 565770.16
P.T. = 119C+25.93
Y = 317950.60
X = 566112.36

TRAFFIC DATA

HARLEY DAVIDSON ACCESS RD.

EXISTING A.D.T. = 1,297 (2014)
FUTURE A.D.T. = 1,500 (2040)
R.D.S. = 35 M.P.H.

STH 190/CAPITOL DR.

EXISTING A.D.T. = 21,700 (2010)
FUTURE A.D.T. = 25,000 (2040)
R.D.S. = 50 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi

IN PROGRESS PLANS
5/28/2019

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY

HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-330

HARLEY DAVIDSON ACCESS RD. OVER STH 190

COUNTY	CITY
MILWAUKEE	WAUWAUTOSA

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
EAJ	HDA	EAJ	HDA

GENERAL PLAN AND ELEVATION

SHEET 1 OF 2

PRE_162

STATE PROJECT NUMBER
1100-20-70

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TOT HE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO THIS APPLICATION.

CLEAN AND APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP AND VERTICAL FACES OF THE SIDEWALKS AND CURBS, PAID FOR UNDER "PROTECTIVE SURFACE TREATMENT RESEAL".

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS". <AREAS TO BE ADDED FOR FINAL PLANS>

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- CRACK SEALING EPOXY
- REMOVING LOOSE CONCRETE
- EPOXY CRACK SEALING
- EPOXY INJECTION CRACK REPAIR
- CORED HOLES 2-INCH DIAMETER
- CURB REPAIR

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1½" CLEAR.

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS IN THE DECK WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

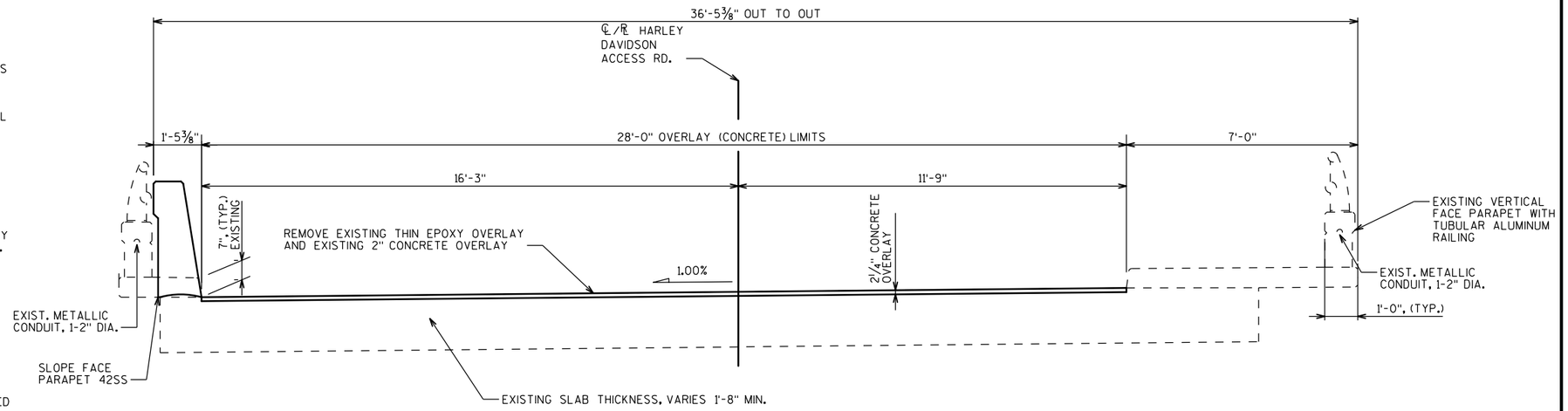
PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 2" PLACED ABOVE THE SLAB SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 2¼". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

NO MORE THAN ONE-THIRD OF THE TOP BAR STEEL SHALL BE EXPOSED LONGITUDINALLY AT THE SAME TIME.

PROPOSED ROADWAY STAGING CALLS FOR BRIDGE CLOSURE DURING OVERLAY AND SLAB WORK.

2¼" AVERAGE OVERLAY THICKNESS



TYPICAL SECTION

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
203.0210.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-330	LS	1
203.0225.S.XX	DEBRIS CONTAINMENT B-40-330	LS	1
502.0100	CONCRETE MASONRY BRIDGES	CY	13
502.0717.S	CRACK SEALING EPOXY	LF	
502.3200	PROTECTIVE SURFACE TREATMENT	SY	274
502.3210	PIGMENTED SURFACE SEALER	SY	60
502.3215.S	PROTECTIVE SURFACE TREATMENT RESEAL	SY	64
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	132
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	2,120
509.0301	PREPARATION DECKS TYPE 1	SY	91
509.0302	PREPARATION DECKS TYPE 2	SY	4
509.0505.S	CLEANING DECKS TO REAPPLY CONCRETE MASONRY OVERLAY	SY	275
509.1200	CURB REPAIR	LF	20
509.1500	CONCRETE SURFACE REPAIR	SF	10
509.2000	FULL-DEPTH DECK REPAIR	SY	5
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	18
509.9005.S	REMOVING CONCRETE MASONRY DECK OVERLAY B-40-330	SY	275
509.9020.S	EPOXY CRACK SEALING	LF	135
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	
509.9050.S	CLEANING PARAPETS	LF	89
SPV.0090.XX	SAWING PAVEMENT DECK PREPARATION AREAS	LF	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	15
SPV.0165.xx	SHOTCRETE SURFACE REPAIR ~~NON-BID ITEMS~~	SF	

ALL ITEMS ARE CATEGORY XXXX

IN PROGRESS PLANS
5/28/2019

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-330

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

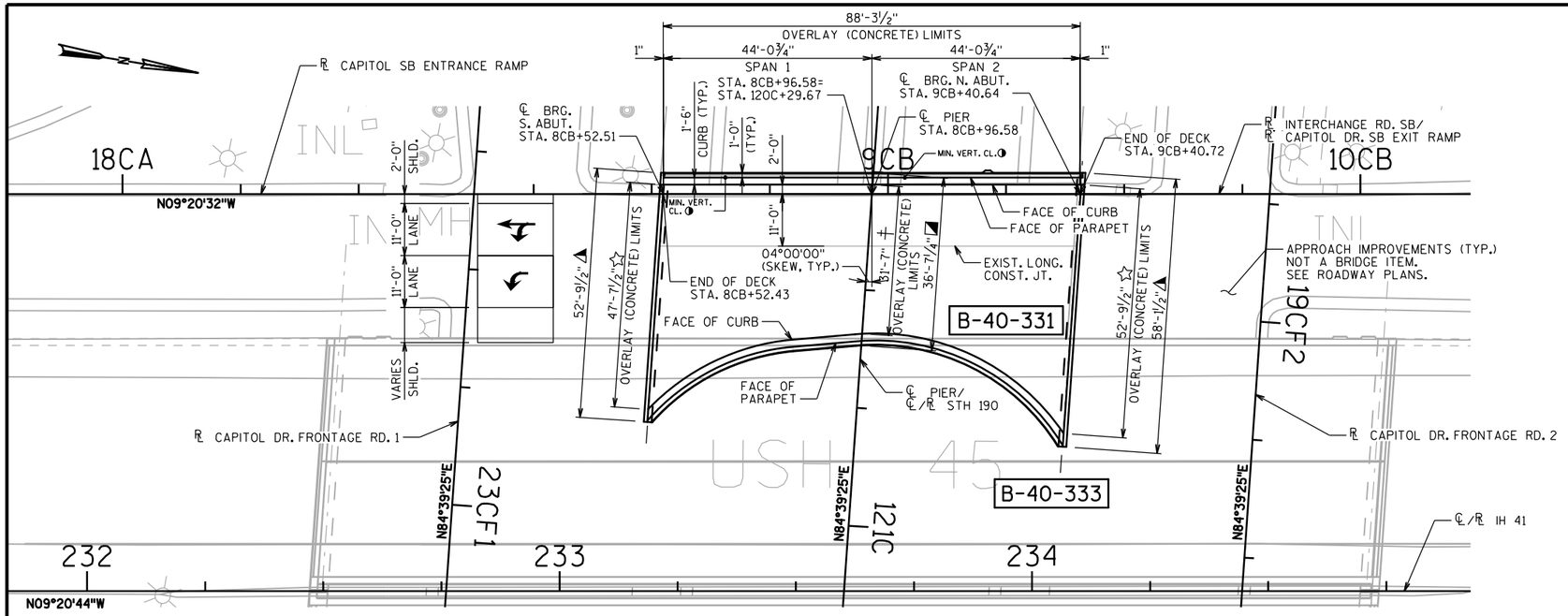
SHEET 2 OF 2

PRE_163

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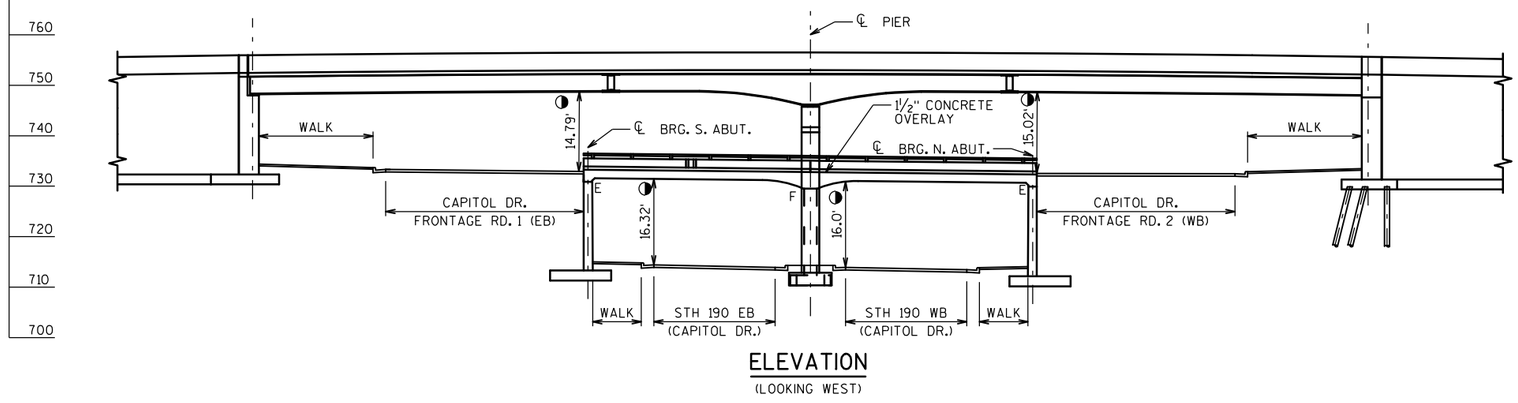
8

STATE PROJECT NUMBER
1100-20-70



PLAN

(CONCRETE OVERLAY OF 2 SPAN HAUNCHED CONCRETE SLAB)



ELEVATION

(LOOKING WEST)

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

LEGEND

- TRAFFIC DIRECTION
- LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017
- EDGE OF SLAB TO EDGE OF SLAB, MEASURED ALONG B.F. ABUTMENT
- FACE OF CURB TO FACE OF CURB, MEASURED ALONG B.F. ABUTMENT
- EDGE OF SLAB TO EDGE OF SLAB, MEASURED ALONG ℄ PIER
- FACE OF CURB TO FACE OF CURB, MEASURED ALONG ℄ PIER

TRAFFIC DATA

INTERCHANGE RD. SB

EXISTING A.D.T. = 4,054 (2014)
FUTURE A.D.T. = 4,600 (2040)
R.D.S. = 35 M.P.H.

STH 190-CAPITOL DR.

EXISTING A.D.T. = 21,700 (2010)
FUTURE A.D.T. = 25,000 (2040)
R.D.S. = 50 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi

IN PROGRESS PLANS
5/28/2019

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-331

INTERCHANGE ROAD SB IH 41 - STH 190 OVER STH 190

COUNTY	CITY
MILWAUKEE	WAUWATOSA

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
RAB	EAJ	RAB	EAJ

GENERAL PLAN AND ELEVATION

SHEET 1 OF 2

PRE_164

STATE PROJECT NUMBER
1100-20-70

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO THIS APPLICATION.

CLEAN AND APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP AND VERTICAL FACES OF THE SIDEWALKS AND CURBS. PAID FOR UNDER "PROTECTIVE SURFACE TREATMENT RESEAL".

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS". <AREAS TO BE ADDED FOR FINAL DESIGN>

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- CRACK SEALING EPOXY
- EPOXY CRACK SEALING
- REMOVING LOOSE CONCRETE
- EPOXY INJECTION CRACK REPAIR
- CORED HOLES 2-INCH DIAMETER
- CURB REPAIR

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

REMOVE EXISTING CONCRETE MASONRY OVERLAY FROM THE ENTIRE BRIDGE SLAB UNDER THE BID ITEM "REMOVING CONCRETE MASONRY OVERLAY B-40-331".

AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1½" CLEAR.

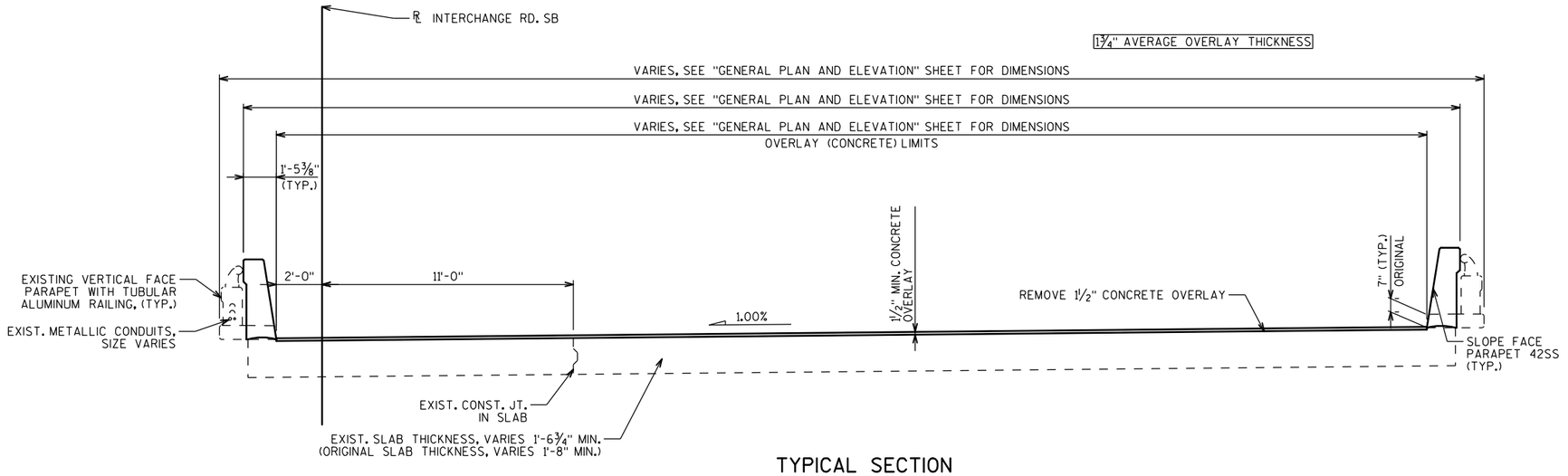
CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS IN THE SLAB WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1½" PLACED ABOVE THE SLAB SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 1¾". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

NO MORE THAN ONE-THIRD OF THE TOP BAR STEEL SHALL BE EXPOSED LONGITUDINALLY AT THE SAME TIME.

PROPOSED ROADWAY STAGING CALLS FOR BRIDGE CLOSURE DURING OVERLAY AND SLAB WORK.



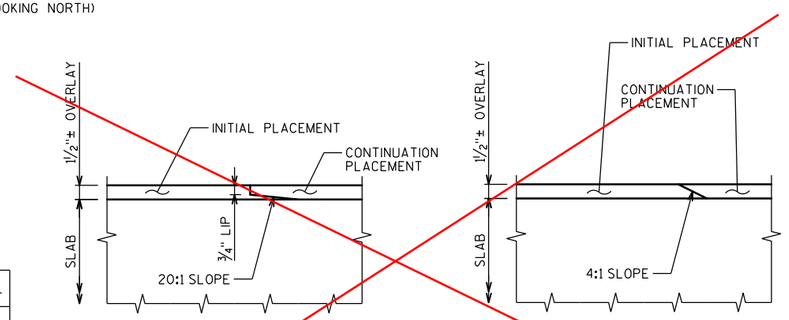
TYPICAL SECTION

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
203.0210.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-331	LS	1
203.0225.S.XX	DEBRIS CONTAINMENT B-40-331	LS	1
502.0717.S	CRACK SEALING EPOXY	LF	
502.3200	PROTECTIVE SURFACE TREATMENT	SY	341
502.3210	PIGMENTED SURFACE SEALER	SY	73
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	284
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	4,553
509.0301	PREPARATION DECKS TYPE 1	SY	31
509.0302	PREPARATION DECKS TYPE 2	SY	12
509.1500	CONCRETE SURFACE REPAIR	SF	33
509.2000	FULL-DEPTH DECK REPAIR	SY	2
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	17
509.9005.S	REMOVING CONCRETE MASONRY DECK OVERLAY B-40-331	SY	341
509.9020.S	EPOXY CRACK SEALING	LF	135
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	
SPV.0090.XX	SAWING PAVEMENT DECK PREPARATION AREAS	LF	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	15
SPV.0165.xx	SHOTCRETE SURFACE REPAIR	SF	
	NON-BID ITEMS		

ALL ITEMS ARE CATEGORY XXXX



TRANSVERSE JOINT

LONGITUDINAL JOINT

DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.

AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF THE PROPOSED LANE).

IN PROGRESS PLANS
5/28/2019

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-331

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 2

PRE_165

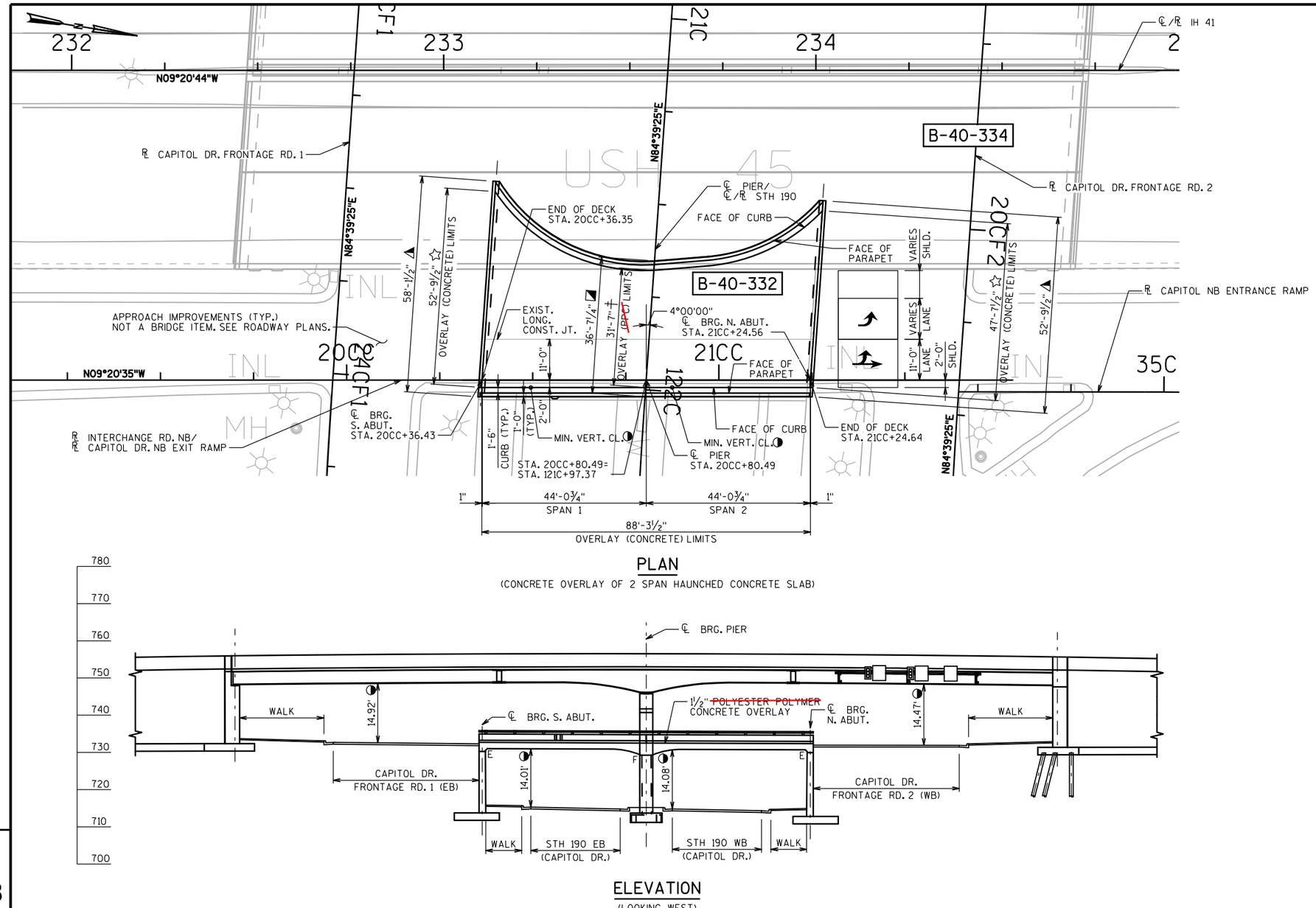
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STATE PROJECT NUMBER
1100-20-70

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES



PLAN

(CONCRETE OVERLAY OF 2 SPAN HAUNCHED CONCRETE SLAB)

ELEVATION

(LOOKING WEST)

LEGEND

- TRAFFIC DIRECTION
- LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017
- EDGE OF SLAB TO EDGE OF SLAB, MEASURED ALONG B.F. ABUTMENT
- FACE OF CURB TO FACE OF CURB, MEASURED ALONG B.F. ABUTMENT
- EDGE OF SLAB TO EDGE OF SLAB, MEASURED ALONG ℄ PIER
- FACE OF CURB TO FACE OF CURB, MEASURED ALONG ℄ PIER

TRAFFIC DATA

INTERCHANGE RD. NB

EXISTING A.D.T. = 13,485 (2014)
FUTURE A.D.T. = 15,200 (2040)
R.D.S. = 35 M.P.H.

STH 190-CAPITOL DR.

EXISTING A.D.T = 21,700 (2010)
FUTURE A.D.T. = 25,000 (2040)
R.D.S. = 50 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi

IN PROGRESS PLANS
5/28/2019

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY

HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-332

INTERCHANGE ROAD NB IH 41 - STH 190 OVER STH 190

COUNTY	CITY
MILWAUKEE	WAUWATOSA

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
RAB	EAJ	RAB	EAJ

GENERAL PLAN AND ELEVATION

SHEET 1 OF 2

PRE_166

FILE NAME : \\milw00\ingrproj\59975\b1\B-40-332\cds\332_080101_gp.dgn PLOT DATE : 5/10/2019 9:43:46 AM PLOT BY : rbodendorfer PLOT NAME : $FILE$ PLOT SCALE : 30:1

STATE PROJECT NUMBER
1100-20-70

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD).

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO THIS APPLICATION.

CLEAN AND APPLY PROTECTIVE SURFACE TREATMENT TO THE TOP AND VERTICAL FACES OF THE SIDEWALKS AND CURBS, PAID FOR UNDER "PROTECTIVE SURFACE TREATMENT RESEAL".

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS". <AREAS TO BE ADDED FOR FINAL DESIGN>

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- CRACK SEALING EPOXY
- EPOXY CRACK SEALING
- REMOVING LOOSE CONCRETE
- EPOXY INJECTION CRACK REPAIR
- CORED HOLES 2-INCH DIAMETER
- CURB REPAIR

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

REMOVE EXISTING CONCRETE MASONRY OVERLAY FROM THE ENTIRE BRIDGE SLAB UNDER THE BID ITEM "REMOVING CONCRETE MASONRY OVERLAY B-40-332".

AT "CURB REPAIR" EXPOSE EXISTING REINFORCEMENT A MINIMUM OF 1½" CLEAR.

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS IN DECK WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

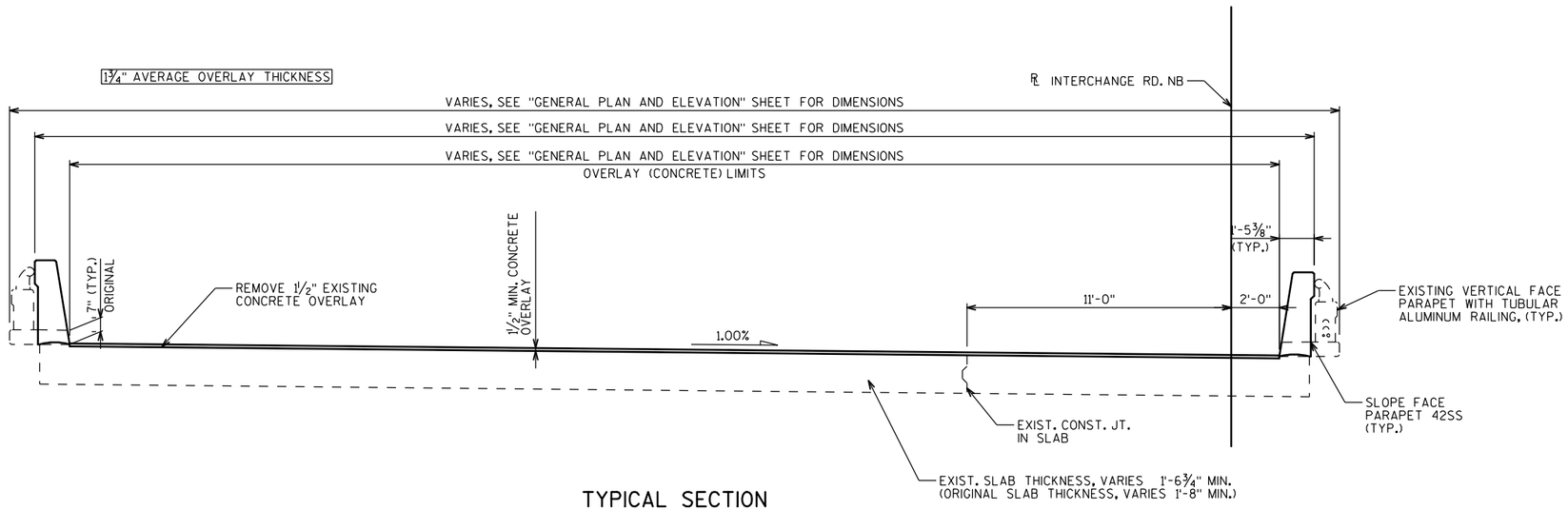
PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1½" PLACED ABOVE THE SLAB SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 1¾". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

NO MORE THAN ⅓ OF THE TOP BAR STEEL SHALL BE EXPOSED LONGITUDINALLY AT THE SAME TIME.

PROPOSED ROADWAY STAGING CALLS FOR BRIDGE CLOSURE DURING OVERLAY AND SLAB WORK.

REPAIR DAMAGED SECTIONS OF TUBULAR ALUMINUM RAILING AS PER THE BID ITEM "REPAIR METAL RAILING".



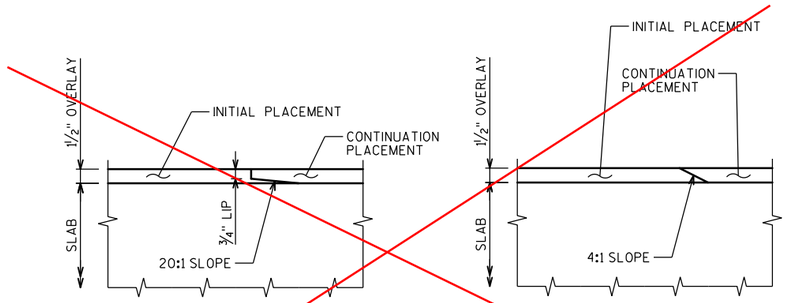
TYPICAL SECTION

(LOOKING NORTH)

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
203.0210.S	ABATEMENT OF ASBESTOS CONTAINING MATERIAL B-40-332	LS	1
203.0225.S.XX	DEBRIS CONTAINMENT B-40-332	LS	1
502.0717.S	CRACK SEALING EPOXY	LF	
502.3200	PROTECTIVE SURFACE TREATMENT	SY	340
502.3210	PIGMENTED SURFACE SEALER	SY	73
502.4206	ADHESIVE ANCHORS NO. 6 BAR	EACH	284
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	4,553
509.0301	PREPARATION DECKS TYPE 1	SY	32
509.0302	PREPARATION DECKS TYPE 2	SY	13
509.1500	CONCRETE SURFACE REPAIR	SF	31
509.2000	FULL-DEPTH DECK REPAIR	SY	2
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	17
509.9005.S	REMOVING CONCRETE MASONRY DECK OVERLAY B-40-332	SY	340
509.9020.S	EPOXY CRACK SEALING	LF	150
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	
SPV.0090.XX	SAWING PAVEMENT DECK PREPARATION AREAS	LF	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	132
SPV.0165.xx	SHOTCRETE SURFACE REPAIR	SF	
	NON-BID ITEMS		

ALL ITEMS ARE CATEGORY XXXX



TRANSVERSE JOINT

LONGITUDINAL JOINT

DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.

AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF THE PROPOSED LANE).

IN PROGRESS PLANS
5/28/2019

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-332

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 2

PRE_167

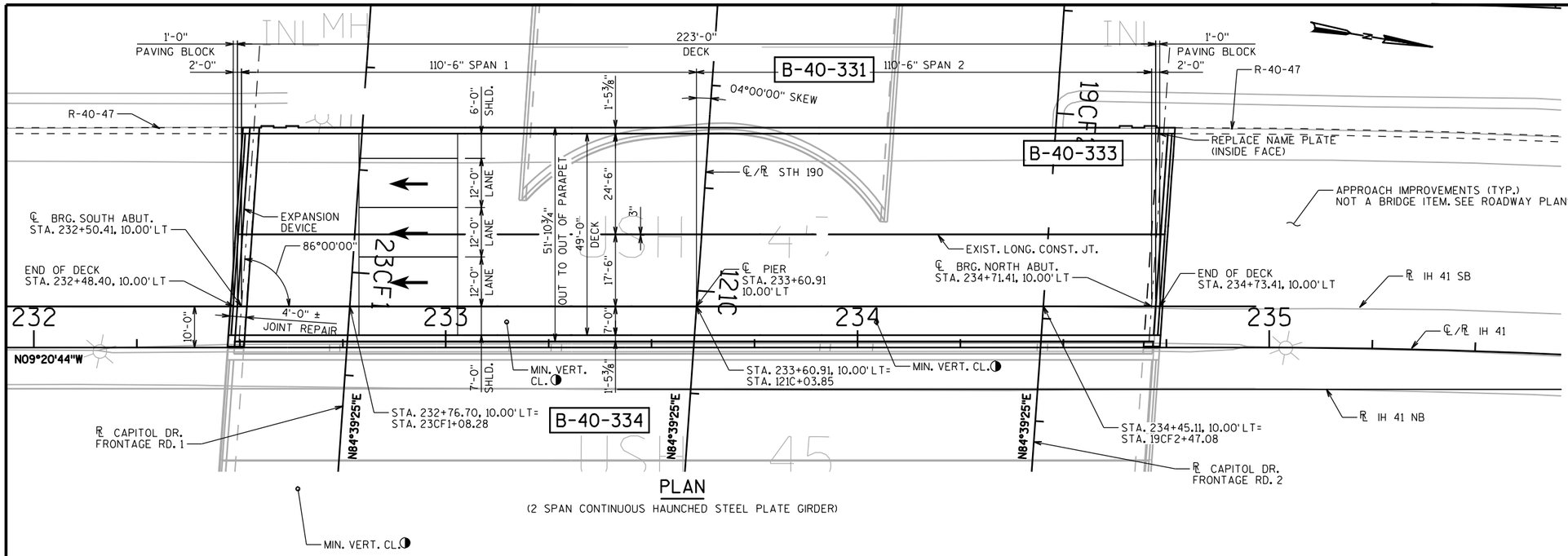
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STATE PROJECT NUMBER
1100-20-70

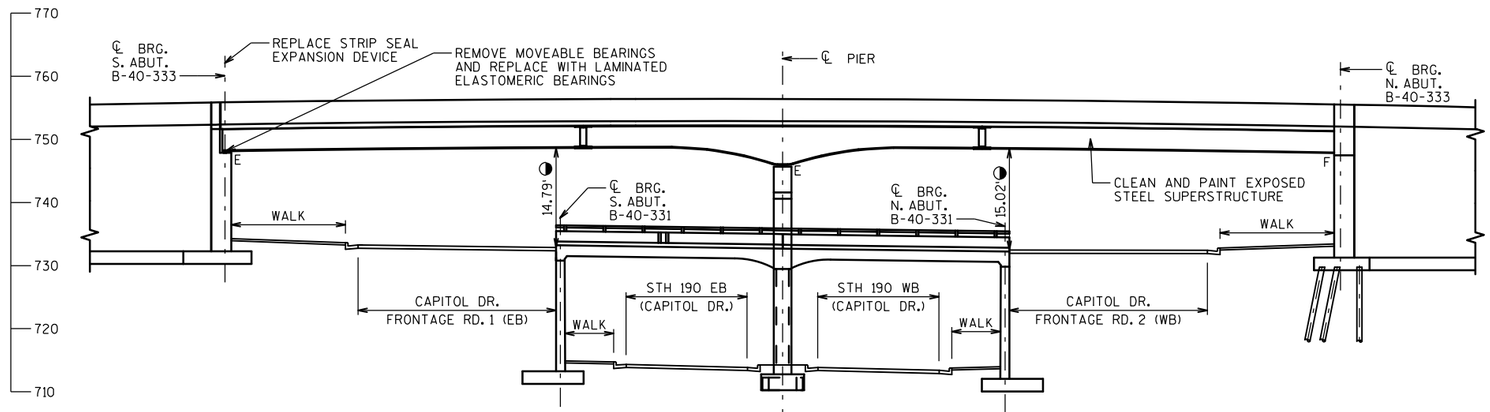
LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING



PLAN

(2 SPAN CONTINUOUS HAUNCHED STEEL PLATE GIRDER)



ELEVATION

(LOOKING WEST)

LEGEND

→ TRAFFIC DIRECTION

◑ LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017

TRAFFIC DATA

IH 41 SB

EXISTING A.D.T. = 68,250 (2012)
FUTURE A.D.T. = 84,650 (2040)
R.D.S. = 60 M.P.H.

INTERCHANGE RD. EB

EXISTING A.D.T. = 18,144 (2014)
FUTURE A.D.T. = 20,500 (2040)
R.D.S. = 35 M.P.H.

INTERCHANGE RD. WB

EXISTING A.D.T. = 18,144 (2014)
FUTURE A.D.T. = 20,500 (2040)
R.D.S. = 35 M.P.H.

STH 190-CAPITOL DR.

EXISTING A.D.T. = 21,700 (2010)
FUTURE A.D.T. = 25,000 (2040)
R.D.S. = 50 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi
BAR STEEL REINFORCEMENT ..... fy = 60,000 psi

IN PROGRESS PLANS
5/28/2019

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-333

IH 41 SB OVER RAMP IH 41 - STH 190

COUNTY	CITY
MILWAUKEE	WAUWATOSA

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
EAJ	HDA	EAJ	HDA

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_168

FILE NAME : \\milw00\ingrproj\59975\b1\B-40-333\cds\333_080101_gp.dgn PLOT DATE : 5/10/2019 9:45:01 AM PLOT BY : rbodendorfer PLOT NAME : $FILE$ PLOT SCALE : 30:1

STATE PROJECT NUMBER
1100-20-70

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- ~~CRACK SEALING EPOXY~~
- REMOVING LOOSE CONCRETE
- ~~EPOXY CRACK SEALING~~
- ~~EPOXY INJECTION CRACK REPAIR~~
- ~~CORED HOLES 2 INCH DIAMETER~~

~~"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY BRIDGES". WHEN THE DECK PREPARATION AND FULL-DEPTH DECK REPAIRS ARE COMPLETE, APPLY THE ¾" PPC OVERLAY TO LIMITS SHOWN ON THESE PLANS. <AREAS TO BE ADDED FOR FINAL DESIGN>~~

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

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

ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-40-333".

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP OF THE NEW CONCRETE AT THE BACKWALL PAVING BLOCK ASSOCIATED WITH THE JOINT REPLACEMENT AT THE SOUTH ABUTMENT.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF ~~NEW AND~~ EXISTING PARAPETS. ~~PERFORM "CLEANING PARAPETS" PRIOR TO APPLYING "PIGMENTED SURFACE SEALER" ON EXISTING PARAPETS.~~

NEW CONCRETE AT JOINT REPAIR IS PAID FOR AS "CONCRETE MASONRY BRIDGES". THIS INCLUDES THE CONCRETE TO REPLACE SECTIONS OF PARAPET WITHIN THE JOINT REPAIR LIMITS.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS IN THE DECK WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".~~

REMOVE MOVEABLE BEARING ASSEMBLIES AT THE SOUTH ABUTMENT AND THE PIER UNDER THE BID ITEM "REMOVING BEARINGS B-40-333" AND REPLACE WITH LAMINATED ELASTOMERIC BEARINGS.

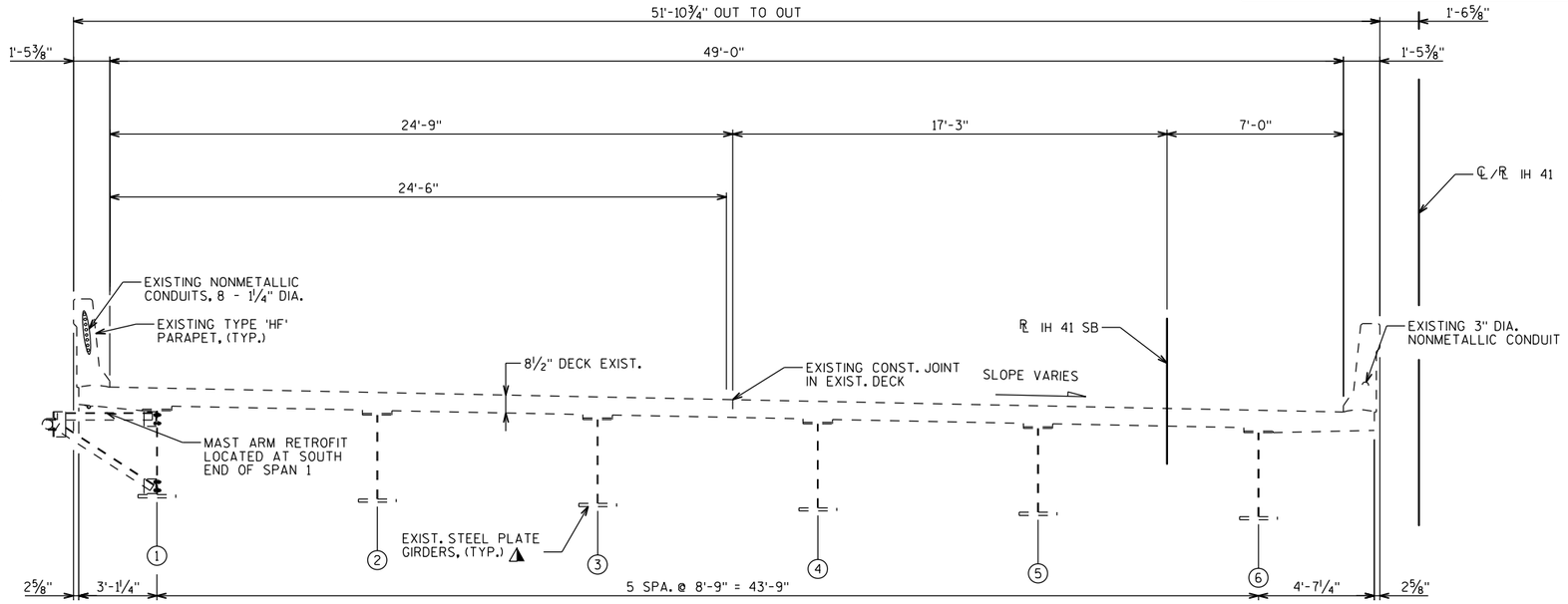
CLEAN AND PAINT EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, CONNECTIONS, ETC. SURFACES EXCLUDE GALVANIZED COMPONENTS OF MAST ARM RETROFIT

EXISTING STEEL SUPERSTRUCTURE SHALL BE PAINTED LIGHT GRAY, FEDERAL COLOR NUMBER 26293.

REMOVAL OF PARAPET AT SOUTH ABUTMENT JOINT IS INCLUDED IN BID ITEM "JOINT REPAIR".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF THE UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1967. NAME PLATE SHALL BE CONSIDERED INCIDENTAL TO "CONCRETE MASONRY BRIDGES".



TYPICAL SECTION

(LOOKING NORTH)

⚠ 40" WEBS TYPICAL, 72" WEB MAX. AT PIER

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
~~203.0225.S.XX~~	~~DEBRIS CONTAINMENT B-40-333~~	~~LS~~	~~1~~
502.0100	CONCRETE MASONRY BRIDGES	CY	
~~502.0717.S~~	~~CRACK SEALING EPOXY~~	~~LF~~	
502.3100.XX	EXPANSION DEVICE B-40-333	LS	1
502.3210	PIGMENTED SURFACE SEALER	SY	222
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	0
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	0
505.0905	BAR COUPLERS NO. 5	EACH	
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	12
506.7050.S.XX	REMOVING BEARINGS B-40-333	EACH	12
~~509.0301~~	~~PREPARATION DECKS TYPE 1~~	~~SY~~	~~172~~
~~509.0302~~	~~PREPARATION DECKS TYPE 2~~	~~SY~~	~~69~~
509.1000	JOINT REPAIR	SY	24
509.1500	CONCRETE SURFACE REPAIR	SF	114
~~509.2000~~	~~FULL-DEPTH DECK REPAIR~~	~~SY~~	~~9~~
~~509.9020.S~~	~~EPOXY CRACK SEALING~~	~~LF~~	
~~509.9025.S~~	~~EPOXY INJECTION CRACK REPAIR~~	~~LF~~	
~~509.9026.S~~	~~CORED HOLES 2 INCH DIAMETER~~	~~EACH~~	
~~509.9050.S~~	~~CLEANING PARAPETS~~	~~LF~~	~~453~~
517.1800.S.XX	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-333	LS	1
517.4500.S.XX	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-333	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	3
	NON-BID ITEMS		
	NAME PLATE	EACH	1

ALL ITEMS ARE CATEGORY XXXX

IN PROGRESS PLANS
5/28/2019

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-333

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 3

PRE_169

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FILE NAME : \\milw00\ingrproj\59975\b1\B-40-333\cds\333_080102_ts.dgn

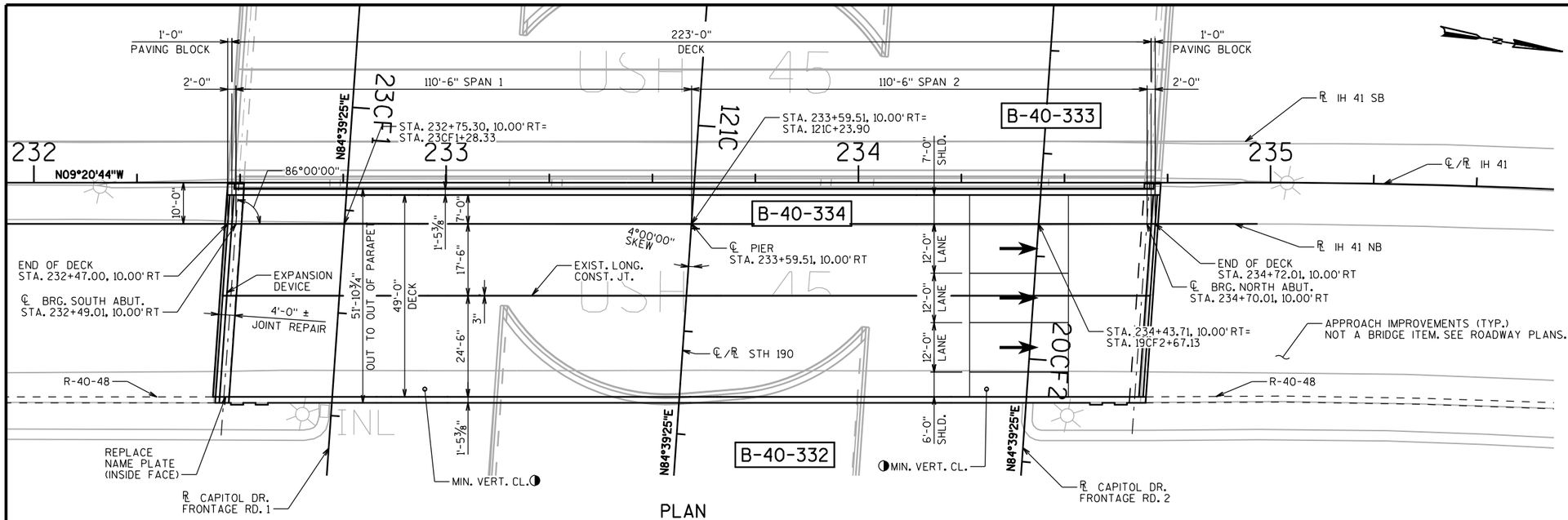
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PLOT BY : rbodendorfer

PLOT NAME : $FILE$

PLOT SCALE : 6:1

STATE PROJECT NUMBER
1100-20-70



PLAN

(2 SPAN CONTINUOUS HAUNCHED STEEL PLATE GIRDER)

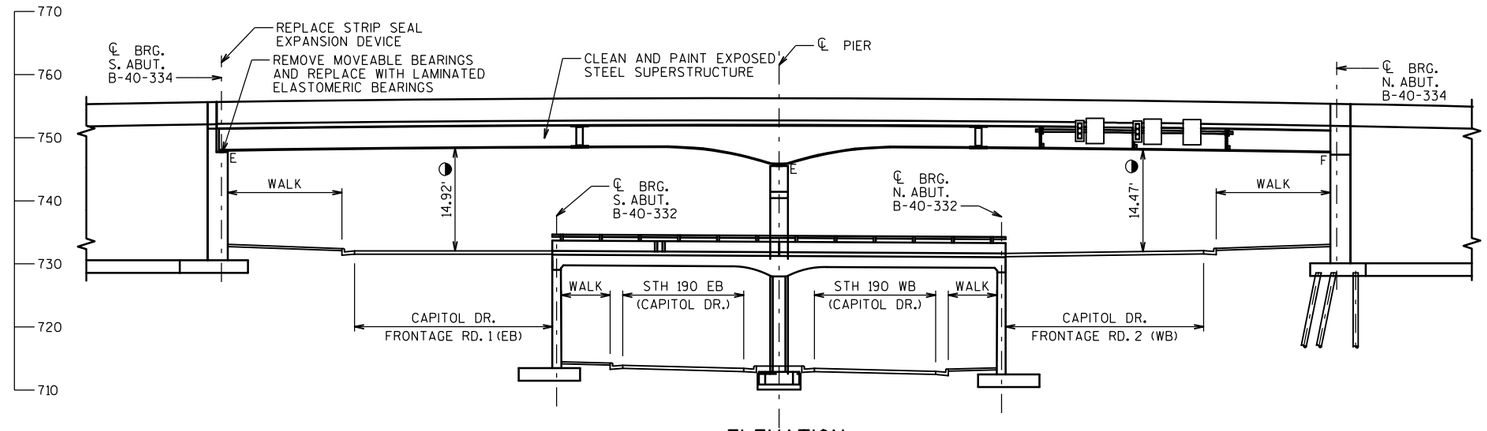
LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING

LEGEND

TRAFFIC DIRECTION

LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017



ELEVATION

(LOOKING WEST)

TRAFFIC DATA

IH 41 NB

EXISTING A.D.T. = 68,250 (2012)
FUTURE A.D.T. = 84,650 (2040)
R.D.S. = 60 M.P.H.

INTERCHANGE RD. EB

EXISTING A.D.T. = 18,144 (2014)
FUTURE A.D.T. = 20,500 (2040)
R.D.S. = 35 M.P.H.

INTERCHANGE RD. WB

EXISTING A.D.T. = 18,144 (2014)
FUTURE A.D.T. = 20,500 (2040)
R.D.S. = 35 M.P.H.

STH 190-CAPITOL DR.

EXISTING A.D.T. = 21,700 (2010)
FUTURE A.D.T. = 25,000 (2040)
R.D.S. = 50 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi
BAR STEEL REINFORCEMENT ..... fy = 60,000 psi

IN PROGRESS PLANS
5/28/2019

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-334

IH 41 NB OVER RAMP IH 41 - STH 190

COUNTY	CITY
MILWAUKEE	WAUWATOSA

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
EAJ	HDA	EAJ	HDA

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_170

FILE NAME : \\milw00\ingrproj\59975\b1\B-40-334\cds\334_080101_gp.dgn PLOT DATE : 5/10/2019 9:59:07 AM PLOT BY : rbodendorfer PLOT NAME : $FILE$ PLOT SCALE : 30:1

STATE PROJECT NUMBER
1100-20-70

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- ~~CRACK SEALING EPOXY~~
- REMOVING LOOSE CONCRETE
- ~~EPOXY CRACK SEALING~~
- ~~EPOXY INJECTION CRACK REPAIR~~
- ~~CORED HOLES 2 INCH DIAMETER~~

~~"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY BRIDGES". WHEN THE DECK PREPARATION AND FULL-DEPTH DECK REPAIRS ARE COMPLETE, APPLY THE 3/4" PPC OVERLAY TO LIMITS SHOWN ON THESE PLANS. <AREAS TO BE ADDED FOR FINAL DESIGN>~~

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

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

ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-40-334".

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP OF THE NEW CONCRETE AT THE BACKWALL PAVING BLOCK ASSOCIATED WITH THE JOINT REPLACEMENT AT THE SOUTH ABUTMENT.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF ~~NEW AND~~ EXISTING PARAPETS. ~~PERFORM "CLEANING PARAPETS" PRIOR TO APPLYING "PIGMENTED SURFACE SEALER" ON EXISTING PARAPETS.~~

NEW CONCRETE AT JOINT REPAIR IS PAID FOR AS "CONCRETE MASONRY BRIDGES". THIS INCLUDES THE CONCRETE TO REPLACE SECTIONS OF PARAPET WITHIN THE JOINT REPAIR LIMITS.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS IN THE DECK WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".~~

REMOVE MOVEABLE BEARING ASSEMBLIES AT THE SOUTH ABUTMENT AND THE PIER UNDER THE BID ITEM "REMOVING BEARINGS B-40-334" AND REPLACE WITH LAMINATED ELASTOMERIC BEARINGS.

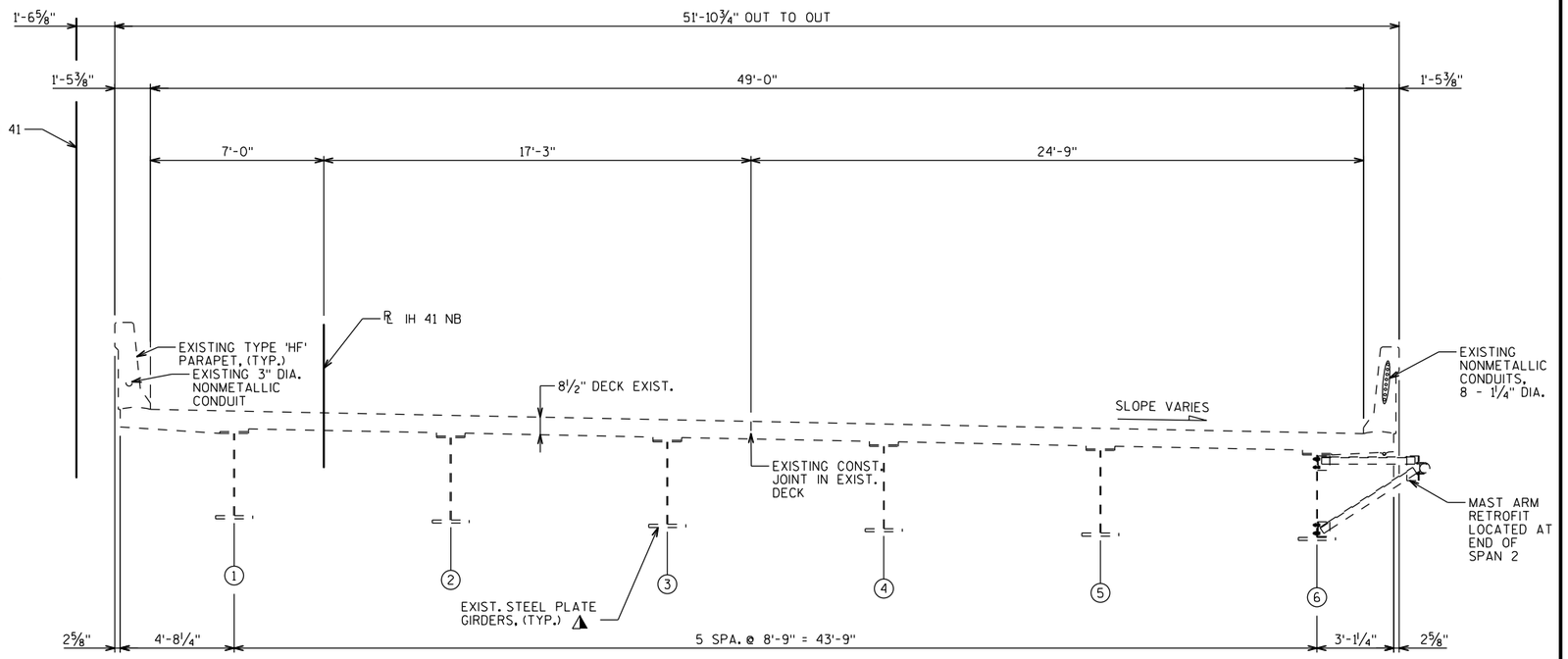
CLEAN AND PAINT EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, CONNECTIONS, ETC. SURFACES EXCLUDE GALVANIZED COMPONENTS OF MAST ARM RETROFIT.

EXISTING STEEL SUPERSTRUCTURE SHALL BE PAINTED LIGHT GRAY, FEDERAL COLOR NUMBER 26293.

REMOVAL OF PARAPET AT SOUTH ABUTMENT JOINT IS INCLUDED IN BID ITEM "JOINT REPAIR".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF THE UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1967. NAME PLATE SHALL BE CONSIDERED INCIDENTAL TO "CONCRETE MASONRY BRIDGES".



TYPICAL SECTION

(LOOKING NORTH)

◭ 40" WEBS TYPICAL, 72" WEB MAX. AT PIER

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
~~203.0225.S.XX~~	~~DEBRIS CONTAINMENT B-40-334~~	~~LS~~	~~1~~
502.0100	CONCRETE MASONRY BRIDGES	CY	
~~502.0717.S~~	~~CRACK SEALING EPOXY~~	~~LF~~	
502.3100.XX	EXPANSION DEVICE B-40-334	LS	1
502.3210	PIGMENTED SURFACE SEALER	SY	222
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	0
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	0
505.0905	BAR COUPLERS NO. 5	EACH	
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	12
506.7050.S.XX	REMOVING BEARINGS B-40-334	EACH	12
~~509.0301~~	~~PREPARATION DECKS TYPE 1~~	~~SY~~	~~10~~
~~509.0302~~	~~PREPARATION DECKS TYPE 2~~	~~SY~~	~~4~~
509.1000	JOINT REPAIR	SY	24
509.1500	CONCRETE SURFACE REPAIR	SF	92
~~509.2000~~	~~FULL DEPTH DECK REPAIR~~	~~SY~~	~~1~~
~~509.9020.S~~	~~EPOXY CRACK SEALING~~	~~LF~~	~~17~~
~~509.9025.S~~	~~EPOXY INJECTION CRACK REPAIR~~	~~LF~~	
~~509.9026.S~~	~~CORED HOLES 2-INCH DIAMETER~~	~~EACH~~	
~~509.9050.S~~	~~CLEANING PARAPETS~~	~~LF~~	~~453~~
517.1800.S.XX	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-334	LS	1
517.4500.S.XX	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-334	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	0
	NON-BID ITEMS		
	NAME PLATE	EACH	1

ALL ITEMS ARE CATEGORY XXXX

IN PROGRESS PLANS
5/28/2019

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-334

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

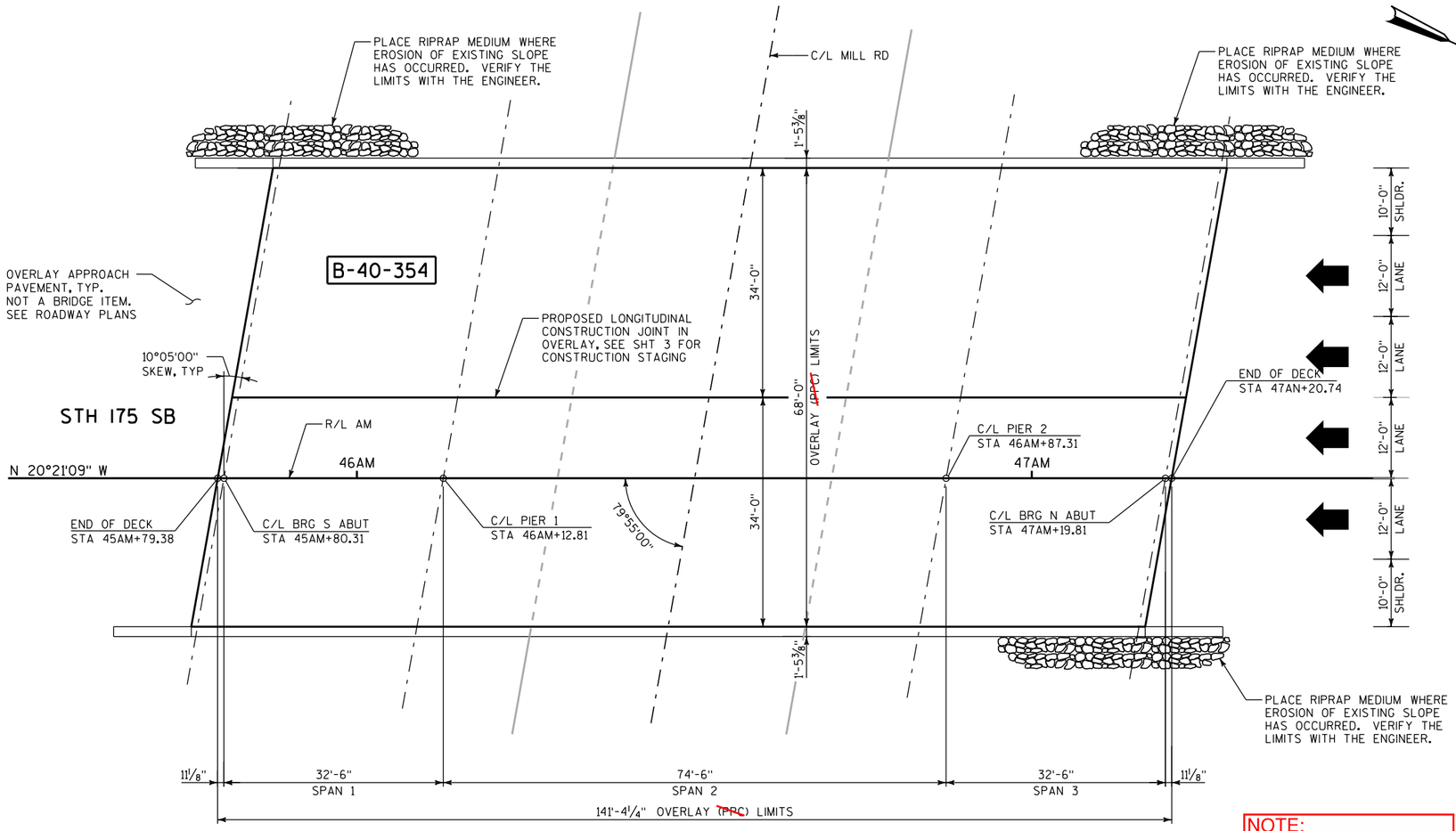
SHEET 2 OF 3

PRE_171

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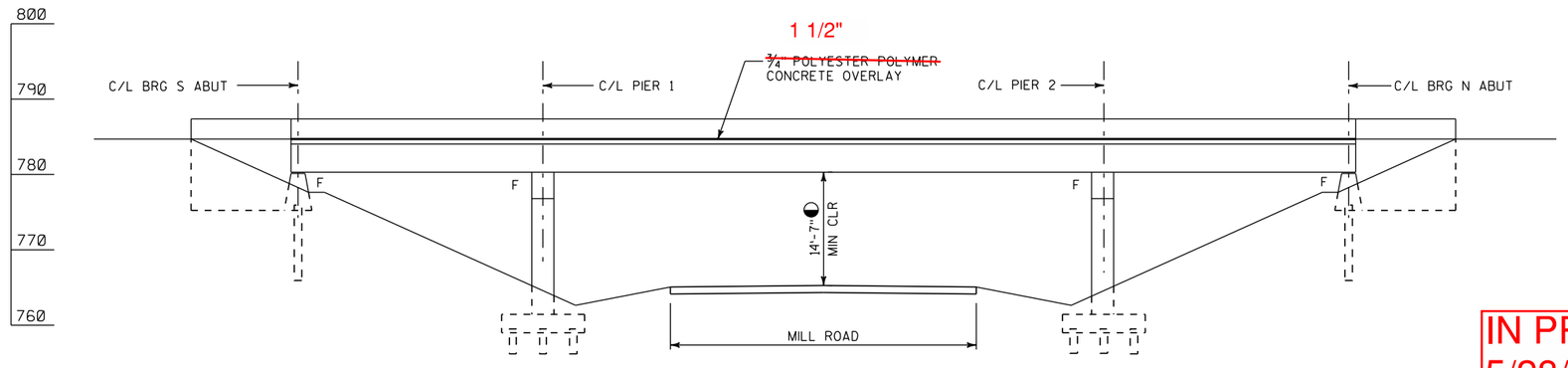
STATE PROJECT NUMBER
1100-01-77



CONCRETE MASONRY

PLAN

(PPC OVERLAY OF 3 SPAN - 45" PRESTRESSED CONCRETE GIRDERS)



ELEVATION

(LOOKING WEST)

LEGEND

◐ LOCATION PER EXISTING PLANS AND MINIMUM CLEARANCE TAKEN FROM HSI SYSTEM ON 9-29-2016

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING

TRAFFIC DATA

STH 175 SB

EXISTING ADT = 8,900 (2014)
FUTURE ADT = 10,100 (2040)
RDS = 60 MPH

MILL ROAD

EXISTING ADT = 2,500 (2013)
FUTURE ADT = 2,850 (2040)
RDS = 40 MPH

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
STEVE MILLER (414) 272-2426

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
ch2m:
MILWAUKEE, WISCONSIN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-354

STH 175 SB OVER MILL ROAD

COUNTY	TOWN/CITY/VILLAGE
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
SGM	KES	TEK	KES

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_172

IN PROGRESS PLANS
5/28/2019

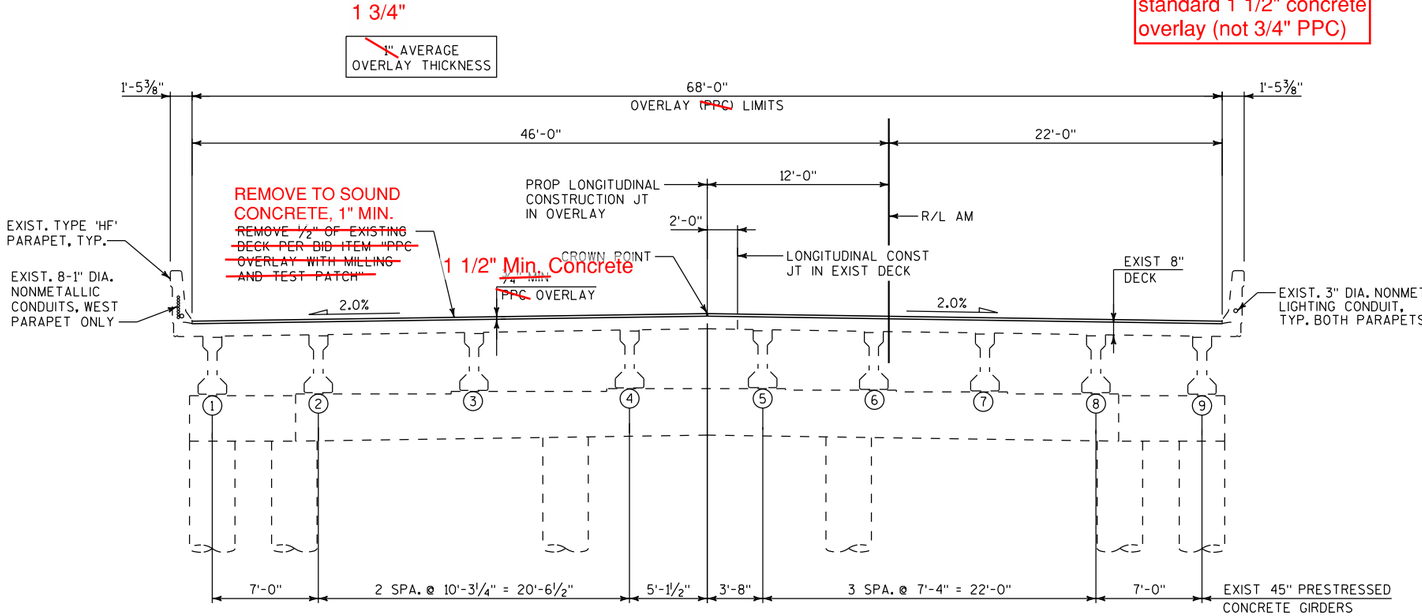
PRELIMINARY PLANS

8

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STATE PROJECT NUMBER
1100-01-77

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)



B-40-354

TYPICAL SECTION

LOOKING NORTH

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1989 (NAVD).

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES FOR THESE BID ITEMS ARE APPROXIMATE:
- CONCRETE SURFACE REPAIR
- EPOXY CRACK SEALING
- REMOVING LOOSE CONCRETE
- RIPRAP MEDIUM

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY ENGINEER. DECK PREPARATION REPAIRS SHALL BE FILLED WITH ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CONCRETE MASONRY OVERLAY DECKS"

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO THIS APPLICATION.

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY IS CONSIDERED INCIDENTAL TO THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CONCRETE MASONRY OVERLAY DECKS"

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

A MINIMUM OF 1 ~~1/2~~-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CLEANING DECKS"

1 1/2" 1 3/4"

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1 ~~1/2~~ PLACED ABOVE THE DECK SURFACE AFTER THE SURFACE PREPARATION. THE EXPECTED OVERLAY THICKNESS IS 1 ~~1/2~~". IF EXPECTED OVERLAY THICKNESS IS EXCEEDED BY MORE THAN 1/2", CONTACT THE STRUCTURES DESIGN SECTION.

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF THE UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE TOP OF DECK SLAB/OVERLAY.

TOTAL ESTIMATED QUANTITES

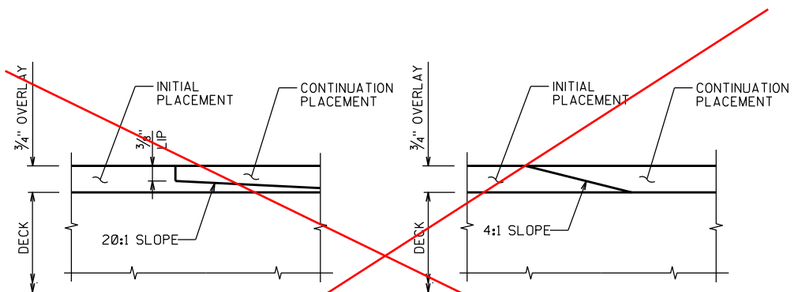
ITEM NO.	BID ITEMS	UNITS	TOTAL
502.0717.S	CRACK SEALING EPOXY	LF	
502.3210	PIGMENTED SURFACE SEALER	SY	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.1500	CONCRETE SURFACE REPAIR	SF	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.9050.S	CLEANING PARAPETS	LF	
606.0200	RIPRAP MEDIUM	CY	
~~SPV.0035.XX~~	~~POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH~~	~~CY~~	
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	

502.3200 PROTECTIVE SURFACE TREATMENT SY

509.0500 CLEANING DECKS SY

509.2500 CONCRETE MASONRY OVERLAY DECKS CY

ALL ITEMS ARE CATEGORY XXXX



TRANSVERSE JOINT

LONGITUDINAL JOINT

DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.

AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF A PROPOSED LANE).

IN PROGRESS PLANS
5/28/2019

PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-354

DRAWN BY TEK | PLANS CK'D. KES

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 3

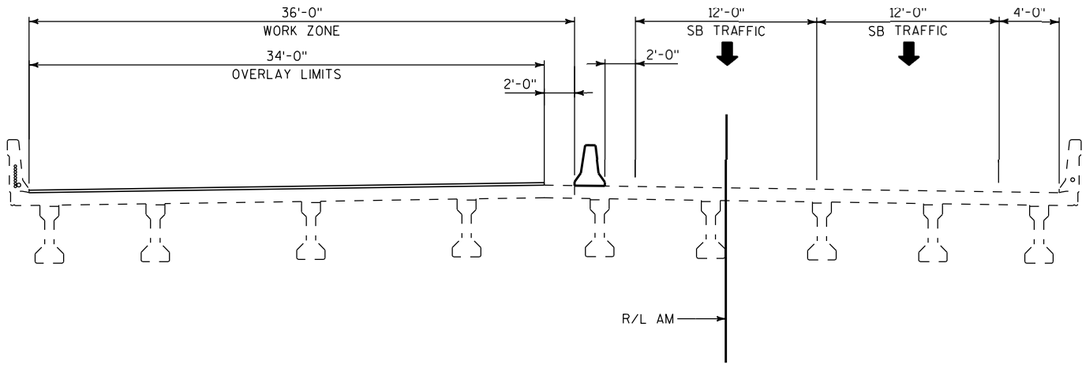
PRE_173

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STATE PROJECT NUMBER
1100-01-77

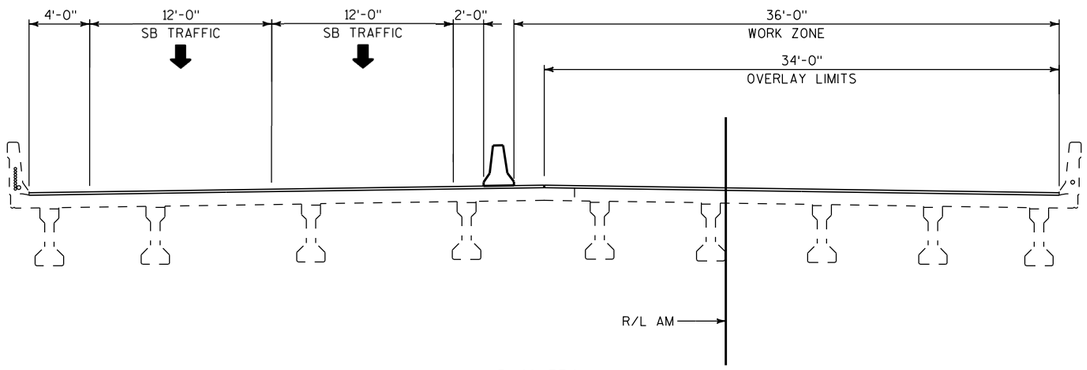


B-40-354

CROSS SECTION THRU ROADWAY

PHASE 1

(LOOKING NORTH)



B-40-354

CROSS SECTION THRU ROADWAY

PHASE 2

(LOOKING NORTH)

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-354

DRAWN BY TEK | PLANS CK'D. KES

CONSTRUCTION STAGING

SHEET 3 OF 3

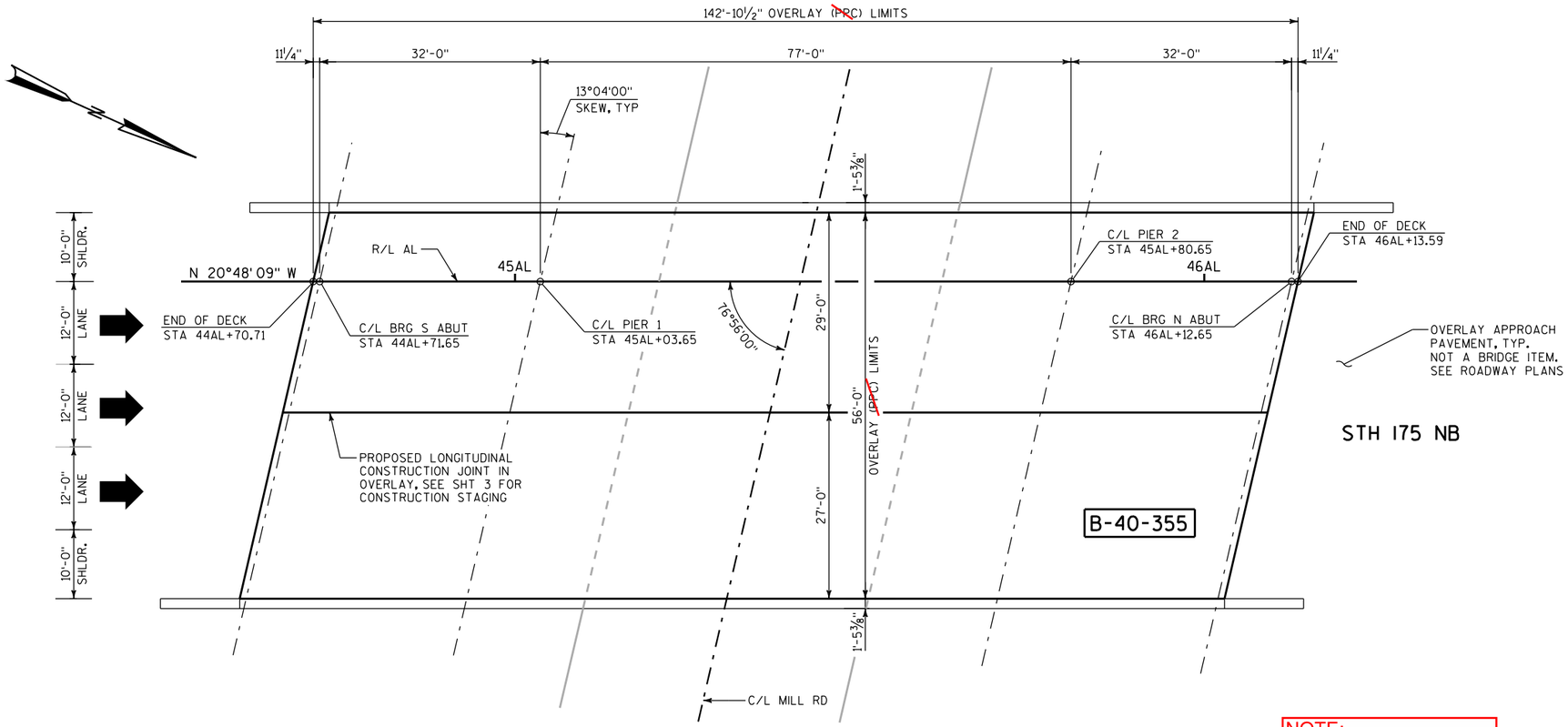
PRE_174

IN PROGRESS PLANS
5/28/2019

PRELIMINARY PLANS

FILE NAME : \\denpwp01\pwicsjobs596\\268747\601949_29\B354_080103_cs.dgn PLOT DATE : 01-MAR-2017 17:02 PLOT BY : pwsvc PLOT NAME : B354_080103_cs PLOT SCALE : 10:1

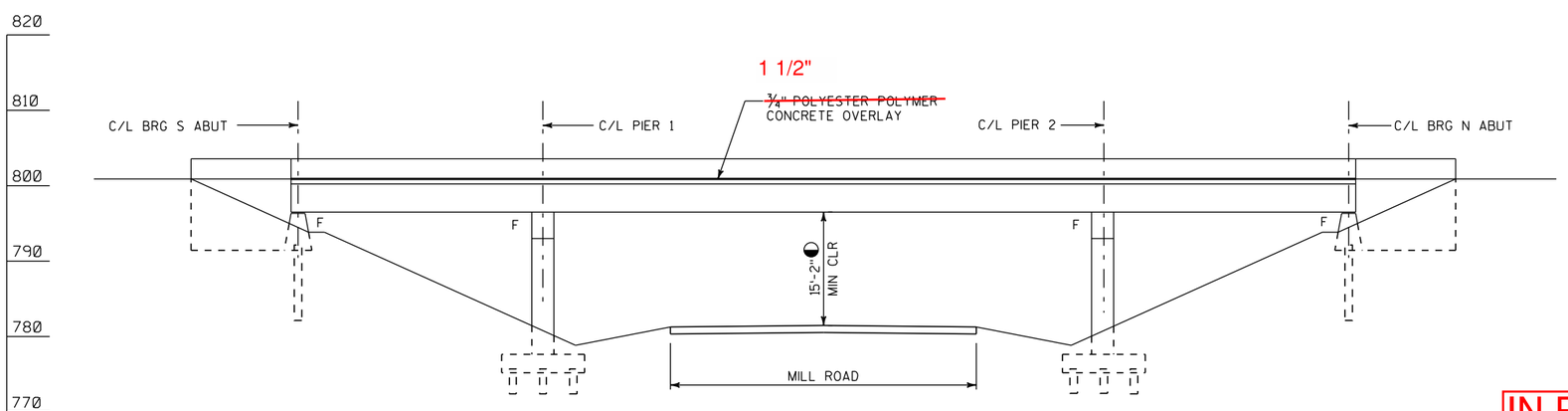
STATE PROJECT NUMBER
1100-01-77



CONCRETE MASONRY ~~(PPC~~ OVERLAY OF 3 SPAN - 45" PRESTRESSED CONCRETE GIRDERS)

PLAN

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)



LEGEND

◐ LOCATION PER EXISTING PLANS AND MINIMUM CLEARANCE TAKEN FROM HSI SYSTEM ON 9-29-2016

ELEVATION

(LOOKING WEST)

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING

TRAFFIC DATA

STH 175 SB

EXISTING ADT = 8,900 (2014)
FUTURE ADT = 10,100 (2040)
RDS = 60 MPH

MILL ROAD

EXISTING ADT = 2,500 (2013)
FUTURE ADT = 2,850 (2040)
RDS = 40 MPH

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
STEVE MILLER (414) 272-2426

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
ch2m:
MILWAUKEE, WISCONSIN

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-355

STH 175 NB OVER MILL ROAD

COUNTY	~~TOWN~~/CITY/~~VILLAGE~~
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
SGM	KES	TEK	KES

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

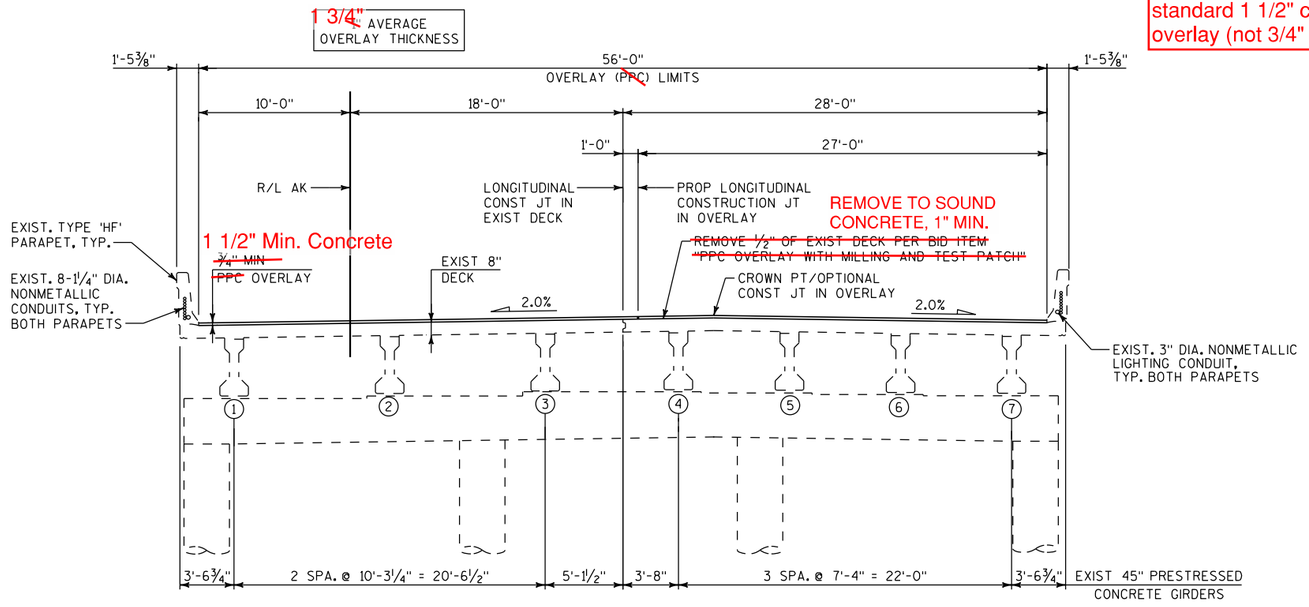
PRE_175

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

8

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NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)



B-40-355

TYPICAL SECTION

LOOKING NORTH

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1989 (NAVD).

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES FOR THESE BID ITEMS ARE APPROXIMATE:
- CONCRETE SURFACE REPAIR
- EPOXY CRACK SEALING
- REMOVING LOOSE CONCRETE
- RIPRAP MEDIUM

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY ENGINEER. DECK PREPARATION REPAIRS SHALL BE FILLED WITH ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH".~~"CONCRETE MASONRY OVERLAY DECKS"

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO THIS APPLICATION.

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY IS CONSIDERED INCIDENTAL TO THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH".~~ "CONCRETE MASONRY OVERLAY DECKS"

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

A MINIMUM OF 1½-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH".~~ "CLEANING DECKS"

1 1/2" 1 3/4"

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF ¾" PLACED ABOVE THE DECK SURFACE AFTER THE SURFACE PREPARATION. THE EXPECTED OVERLAY THICKNESS IS 1¾". IF EXPECTED OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF THE UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE TOP OF DECK SLAB/OVERLAY.

TOTAL ESTIMATED QUANTITES

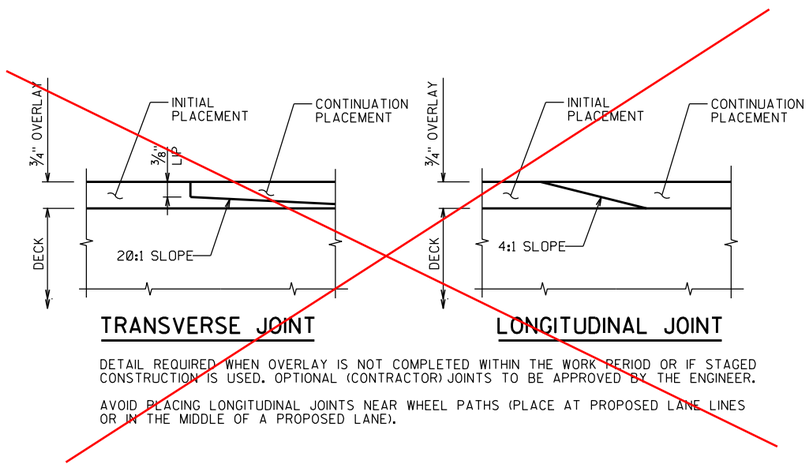
ITEM NO.	BID ITEMS	UNITS	TOTAL
502.0717.S	CRACK SEALING EPOXY	LF	
502.3210	PIGMENTED SURFACE SEALER	SY	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.1500	CONCRETE SURFACE REPAIR	SF	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.9050.S	CLEANING PARAPETS	LF	
606.0200	RIPRAP MEDIUM	CY	
~~SPV.0035.XX~~	~~POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH~~	~~CY~~	
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	

502.3200 PROTECTIVE SURFACE TREATMENT SY

509.0500 CLEANING DECKS SY

509.2500 CONCRETE MASONRY OVERLAY DECKS CY

ALL ITEMS ARE CATEGORY XXXX



~~TRANSVERSE JOINT~~ ~~LONGITUDINAL JOINT~~

~~DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.~~

~~AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF A PROPOSED LANE).~~

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-355

DRAWN BY TEK | PLANS CK'D. SGM

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 3

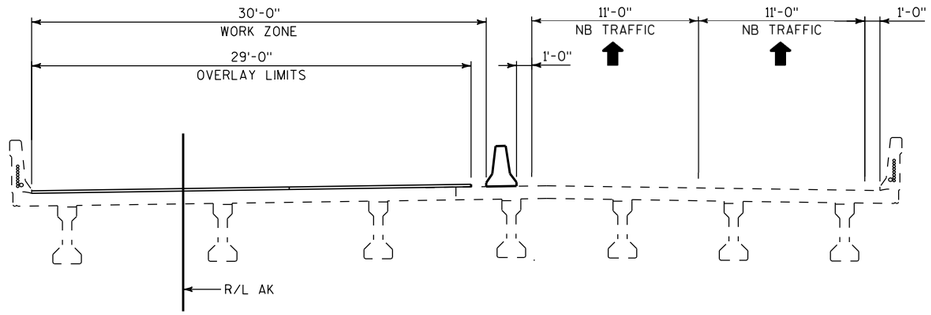
PRE_176

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

8

8

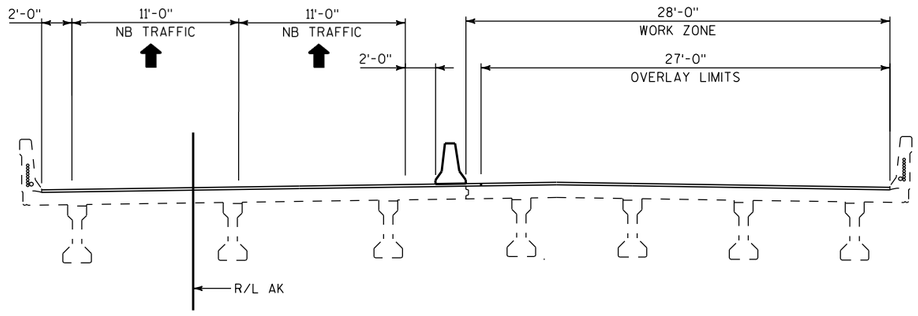
STATE PROJECT NUMBER
1100-01-77



CROSS SECTION THRU ROADWAY

PHASE 1

(LOOKING NORTH)



CROSS SECTION THRU ROADWAY

PHASE 2

(LOOKING NORTH)

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-355

DRAWN BY	TEK	PLANS CK'D.	KES

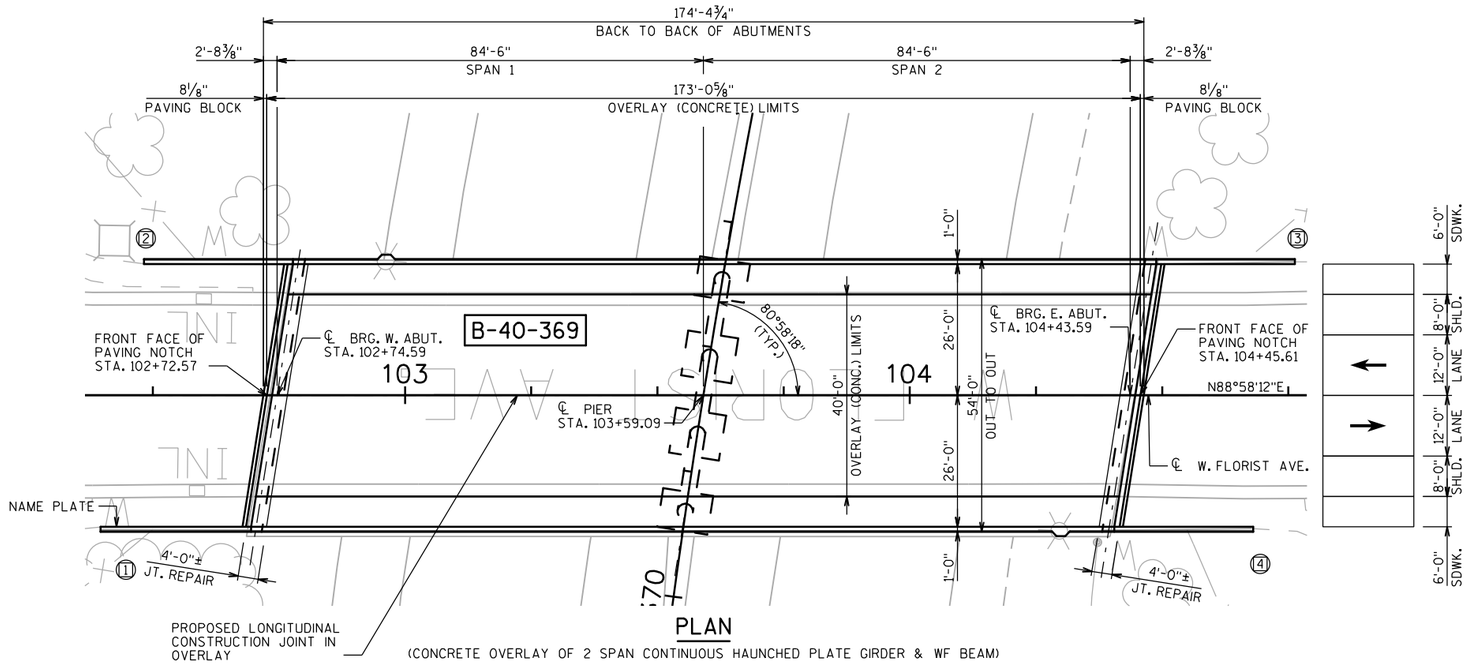
CONSTRUCTION STAGING

SHEET 3 OF 3

PRE_177

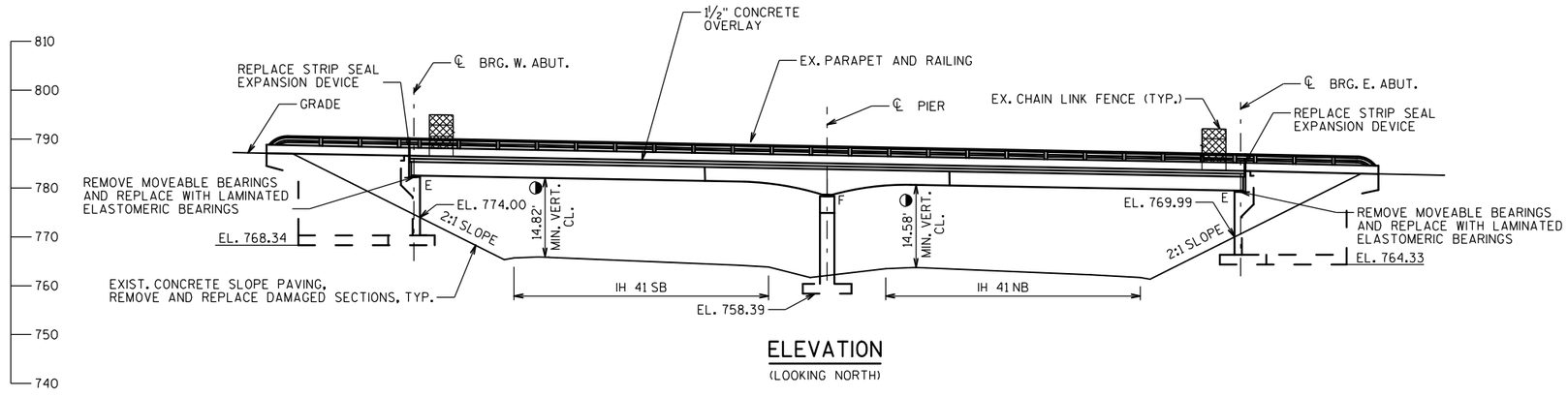
IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

STATE PROJECT NUMBER
1100-01-77



PLAN

(CONCRETE OVERLAY OF 2 SPAN CONTINUOUS HAUNCHED PLATE GIRDER & WF BEAM)



ELEVATION

(LOOKING NORTH)

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION
3. GENERAL NOTES AND QUANTITIES

LEGEND

- TRAFFIC DIRECTION
- LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 9-29-2016. PROPOSED CLEARANCE TO BE DETERMINED.
- (X) WING NUMBER

TRAFFIC DATA

FLORIST AVE.

EXISITNG A.D.T. = 2,100 (2010)
FUTURE A.D.T. = 2,400 (2040)
R.D.S. = 35 M.P.H.

IH 41

EXISITNG A.D.T. = 110,500 (2014)
FUTURE A.D.T. = 131,200 (2040)
R.D.S. = 60 M.P.H.

DESIGN DATA

LIVE LOAD

DESIGN LOADING: HS20
INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY - f'c = 4,000 P.S.I.
BAR STEEL REINFORCEMENT - fy = 60,000 P.S.I.

IN PROGRESS PLANS
5/28/2019

PRELIMINARY PLANS

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY

HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-369

FLORIST AVE. OVER IH 41

COUNTY	CITY
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

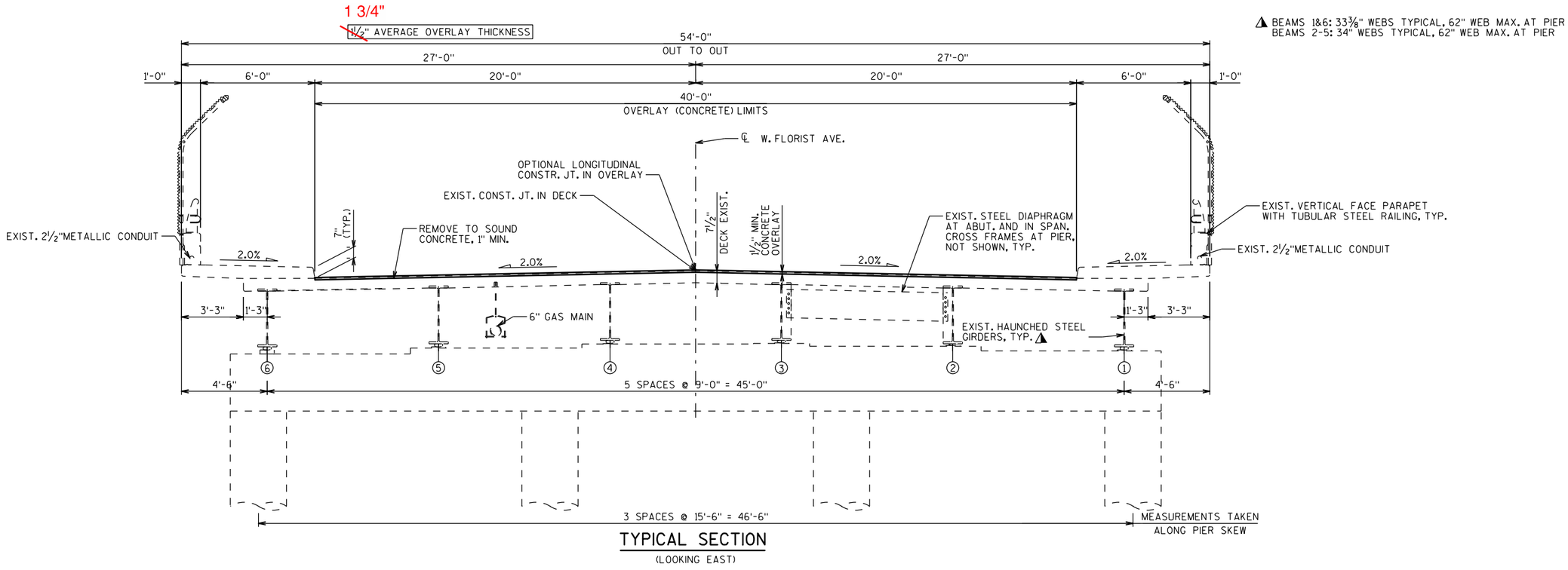
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
		RAB	

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_178

STATE PROJECT NUMBER
1100-01-77



⚠ BEAMS 1&6: 33⅜" WEBS TYPICAL, 62" WEB MAX. AT PIER
BEAMS 2-5: 34" WEBS TYPICAL, 62" WEB MAX. AT PIER

TYPICAL SECTION

(LOOKING EAST)

8

8

PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-369

DRAWN BY RAB | PLANS CK'D. ---

TYPICAL SECTION

SHEET 2 OF 3

IN PROGRESS PLANS
5/28/2019

PRE_179

FILE NAME : \\milw00\ingrproj\59975\b1\B-40-369\cds\369_080102_ts.dgn
PLOT DATE : 5/10/2019 9:31:32 AM
PLOT BY : rbodendorfer
PLOT NAME : $FILE$
PLOT SCALE : 6:1

STATE PROJECT NUMBER
1100-01-77

GENERAL NOTES

THE EXISTING STRUCTURE IS A TWO-SPAN, HAUNCHED STEEL GIRDER BRIDGE WITH AN OVERALL LENGTH OF 174'-4¾" AND AN OVERALL WIDTH OF 54'-0". THE DECK, RAILING, FENCING, EXPANSION JOINTS AND BEARINGS ARE TO BE REPLACED. THE SUPERSTRUCTURE WILL BE RAISED. THE REMAINING EXISTING SUBSTRUCTURE WILL UNDERGO CONCRETE SURFACE REPAIR.

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.
- EPOXY CRACK SEALING
- CONRETE SURFACE REPAIR
- REMOVING CONCRETE SLOPE PAVING
- SLOPE PAVING CONCRETE

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY OVERLAY DECKS".

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

ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP SURFACE OF THE NEW CONCRETE OVERLAY.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO THIS APPLICATION.

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-40-369".

JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M153 TYPE 1, 2, OR 3, OR AASHTO M213.

SEAL ALL EXPOSED HORIZONTAL AND VERTICAL SURFACES OF JOINT FILLER WITH HOT POURED JOINT SEALANT (½" DEEP AND HOLD ¼" BELOW SURFACE OF CONCRETE).

ANY EXCAVATION REQUIRED TO COMPLETE THE CONCRETE OVERLAY AT THE BUTMENTS IS CONSIDERED INCIDENTAL TO THE BID ITEM "CONCRETE MASONRY OVERLAY DECKS".

ALL CONCRETE REMOVAL NOT COVERED WITH A CONCRETE OVERLAY SHALL BE DEFINED BY A 1-INCH DEEP SAW CUT.

BEVEL EDGES OF EXPOSED CONCRETE 3"×4" UNLESS NOTED OTHERWISE.

A MINIMUM OF 1-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM "CLEANING DECKS".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF 1½" PLACED ABOVE THE DECK SURFACE AFTER THE "CLEANING DECKS". EXPECTED AVERAGE OVERLAY THICKNESS IS ~~2~~ 1 3/4". IF EXPECTED AVERAGE THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

REMOVE DESIGNATED MOVEABLE BEARING ASSEMBLIES AT THE ABUTMENTS UNDER THE BID ITEM "REMOVING BEARINGS B-40-369" AND REPLACE WITH LAMINATED ELASTOMERIC BEARINGS.

REMOVAL OF DESIGNATED PORTIONS OF EXISTING CONCRETE SLOPE PAVING PAID FOR UNDER "REMOVING CONCRETE SLOPE PAVING".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

THE CONTRACTOR SHALL SUPPLY A NEW NAME PLATE IN ACCORDANCE WITH SECTION 502.3.11 OF THE STANDARD SPECIFICATIONS AND THE STANDARD DETAIL DRAWINGS. NAME PLATE TO SHOW ORIGINAL CONSTRUCTION YEAR 1967. NAME PLATE SHALL BE CONSIDERED INCIDENTAL TO "CONCRETE MASONRY BRIDGES".

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
204.0175	REMOVING CONCRETE SLOPE PAVING	SY	
502.0100	CONCRETE MASONRY BRIDGES	CY	
502.0717.S	CRACK SEALING EPOXY	LF	
502.3100.XX	EXPANSION DEVICE B-40-369	LS	
502.3200	PROTECTIVE SURFACE TREATMENT	SY	
502.3210	PIGMENTED SURFACE SEALER	SY	
502.4205	ADHESIVE ANCHORS NO.5 BAR	EACH	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
505.0905	BAR COUPLERS NO. 5	EACH	
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	
506.7050.S.XX	REMOVING BEARINGS B-40-369	EACH	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.0500	CLEANING DECKS	SY	
509.1500	CONCRETE SURFACE REPAIR	SF	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.2500	CONCRETE MASONRY OVERLAY DECKS	CY	
509.9020.S	EPOXY CRACK SEALING	LF	
509.9050.S	CLEANING PARAPETS	LF	
604.0400	SLOPE PAVING CONCRETE	SY	
~~616.020X~~	~~FENCE CHAIN LINK X FT~~	~~LF~~	
	NON-BID ITEMS		
	PREFORMED JOINT FILLER	SIZE	

ALL ITEMS ARE CATEGORY XXXX

8

8

IN PROGRESS PLANS
5/28/2019

PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-369

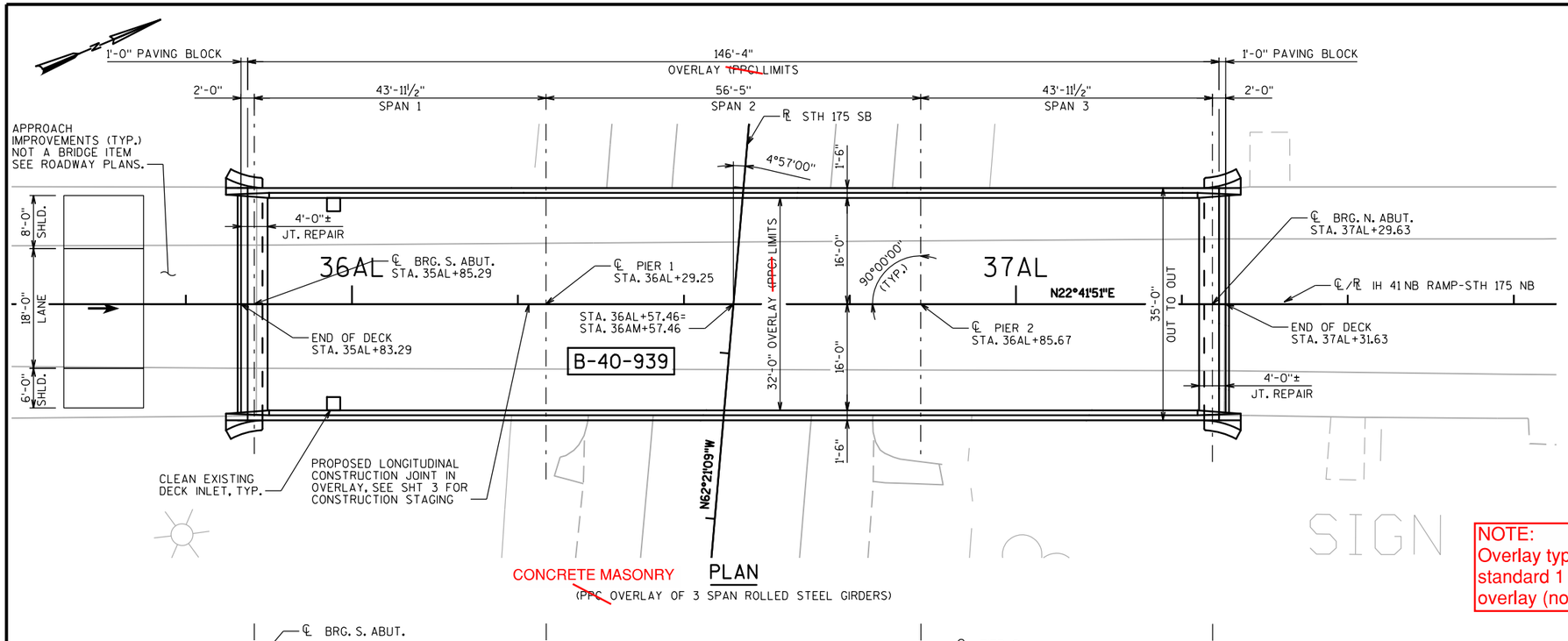
DRAWN BY RAB | PLANS CK'D. ---

GENERAL NOTES AND QUANTITIES

SHEET 3 OF 3

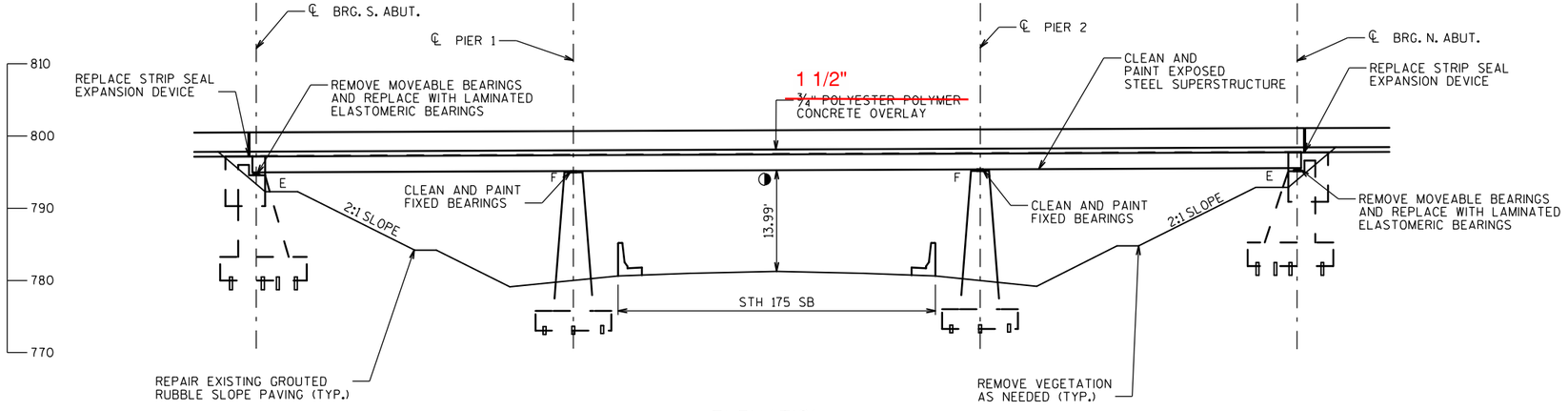
PRE_180

STATE PROJECT NUMBER
1100-01-77



CONCRETE MASONRY ~~(PPC OVERLAY OF 3 SPAN ROLLED STEEL GIRDERS)~~

PLAN



ELEVATION

(LOOKING WEST)

LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING

LEGEND

→ TRAFFIC DIRECTION

◑ LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)

TRAFFIC DATA

IH 41 NB RAMP-STH 175 NB

EXISTING A.D.T. = 6,400 (2014)
FUTURE A.D.T. = 7,900 (2040)
R.D.S. = 50 M.P.H.

STH 175 SB

EXISTING A.D.T. = 3,700 (2014)
FUTURE A.D.T. = 4,200 (2040)
R.D.S. = 50 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi
BAR STEEL REINFORCEMENT ..... fy = 60,000 psi

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

STRUCTURES DESIGN CONTACTS
BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY

HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-939

IH 41 NB RAMP-STH 175 NB OVER STH 175 SB

COUNTY	CITY
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
RAB	EAJ	RAB	EAJ

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_181

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PLOT DATE : 3/1/2017 10:40:52 AM
PLOT BY : ejelinek
PLOT NAME : $FILE$
PLOT SCALE : 20:1

STATE PROJECT NUMBER
1100-01-77

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP OF THE NEW CONCRETE AT THE BACKWALL PAVING BLOCK ASSOCIATED WITH THE JOINT REPLACEMENT. THE TOP OF DECK SLAB/OVERLAY,

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF NEW AND EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO APPLYING "PIGMENTED SURFACE SEALER" ON EXISTING PARAPETS.

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY BRIDGES". WHEN THE DECK PREPARATION AND FULL-DEPTH DECK REPAIRS ARE COMPLETE, APPLY THE ~~¾" PPC~~ OVERLAY TO LIMITS SHOWN ON THESE PLANS. <AREAS TO BE ADDED FOR FINAL PLANS> CONCRETE

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER:

- CONCRETE SURFACE REPAIR
- CRACK SEALING EPOXY
- VEGETATION REMOVAL B-40-939
- REMOVING LOOSE CONCRETE
- EPOXY CRACK SEALING

QUANTITIES SHOWN FOR THE ABOVE BID ITEMS ARE APPROXIMATE.

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIRS AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CONCRETE MASONRY OVERLAY DECKS"

1 1/2"" OF CONCRETE

NEW CONCRETE AT JOINT REPAIR IS PAID FOR AS "CONCRETE MASONRY BRIDGES". THIS INCLUDES THE CONCRETE TO REPLACE SECTIONS OF PARAPET WITHIN THE JOINT REPAIR LIMITS. THIS EXCLUDES THE ~~¾" OF PPC~~ OVERLAY. REFER TO THE "GENERAL PLAN AND ELEVATION" SHEET FOR THE LIMITS OF THE ~~PPC~~ OVERLAY.

CONCRETE

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

ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

A MINIMUM OF 1 ½-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CLEANING DECKS"

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

1 1/2"

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF ¾" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 1". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION. 1 3/4"

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-40-939".

REMOVE MOVEABLE BEARING ASSEMBLIES AT THE ABUTMENTS UNDER THE BID ITEM "REMOVING BEARINGS B-40-939" AND REPLACE WITH LAMINATED ELASTOMERIC BEARINGS.

EXISTING FIXED BEARINGS AT PIERS TO BE CLEANED AND PAINTED.

CLEAN AND PAINT ALL EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, CONNECTIONS, ETC.

EXISTING STEEL SUPERSTRUCTURE SHALL BE PAINTED LIGHT GRAY, FEDERAL COLOR NUMBER 26293.

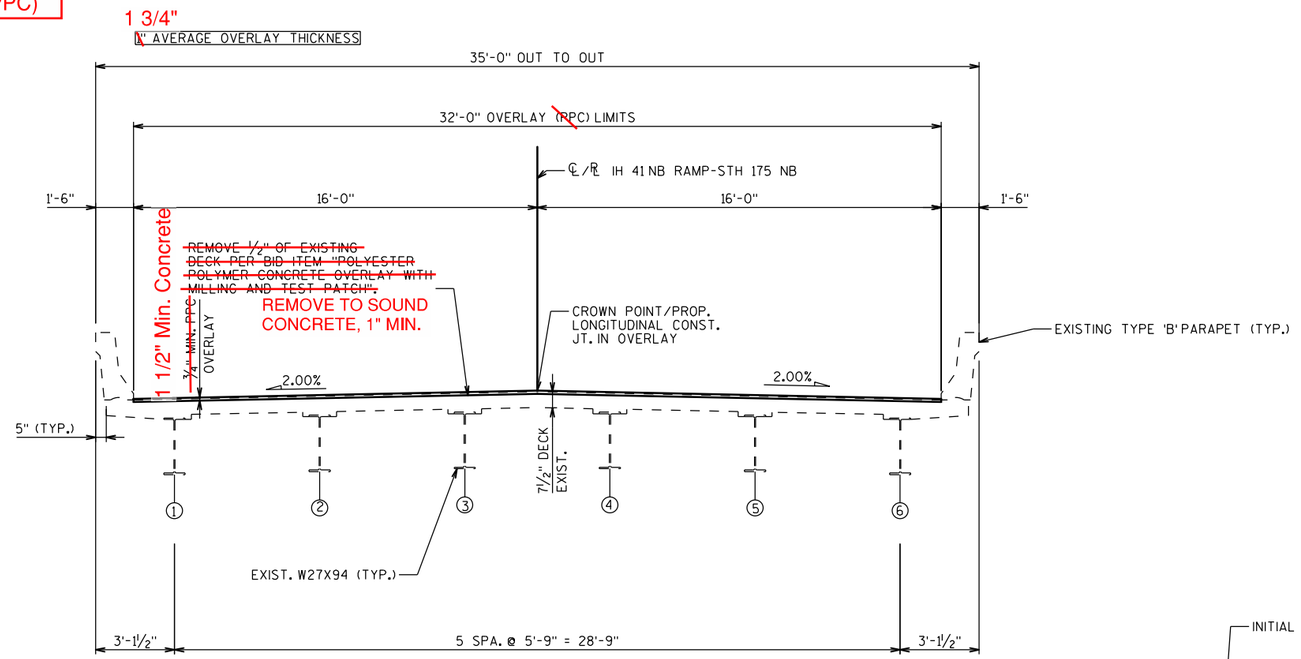
REMOVAL OF THE PARAPET AT THE JOINTS IS INCLUDED IN BID ITEM "JOINT REPAIR".

THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

MAINTAIN EXISTING DRAINS. IF OVERLAY EXCEEDS 1 3/4" CONTACT ENGINEER ABOUT ADJUSTING TAPERING LIMITS AT DRAINS TO ACCOUNT FOR ADDITIONAL OVERLAY THICKNESS.

REMOVE ALL VEGETATION FROM EXISTING GROUTED RUBBLE SLOPE PAVING PRIOR TO REPAIRING THE SLOPE PAVING. REMOVAL OF VEGETATION IS INCLUDED IN THE BID ITEM "VEGETATION REMOVAL B-40-939".

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)



TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
~~203.0225.S.XX~~	~~DEBRIS CONTAINMENT STRUCTURE B-40-939~~	~~LS~~	~~1~~
502.0100	CONCRETE MASONRY BRIDGES	CY	
502.0717.S	CRACK SEALING EPOXY	LF	
502.3100.XX	EXPANSION DEVICE B-40-939	LS	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	
502.3210	PIGMENTED SURFACE SEALER	SY	
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
505.0905	BAR COUPLERS NO. 5	EACH	
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	
506.7050.S.XX	REMOVING BEARINGS B-40-939	EACH	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.1000	JOINT REPAIR	SY	
509.1500	CONCRETE SURFACE REPAIR	SF	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.9020.S	EPOXY CRACK SEALING	LF	
509.9050.S	CLEANING PARAPETS	LF	
517.1800.S.XX	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-939	LS	1
517.4500.S.XX	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-939	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
~~SPV.0035.XX~~	~~POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH~~	~~CY~~	
SPV.0060.XX	CLEANING AND PAINTING BEARINGS	EACH	
SPV.0060.XX	CLEAN DECK INLETS	EACH	
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0105.XX	VEGETATION REMOVAL B-40-939	LS	1
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	
SPV.0180.XX	REPAIR GROUTED RUBBLE SLOPE PAVING	SY	
	NON-BID ITEMS		

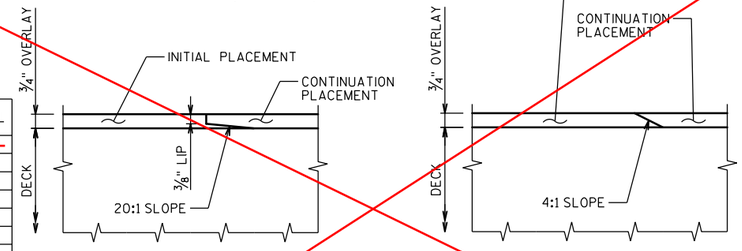
509.0500 CLEANING DECKS SY

509.2500 CONCRETE MASONRY OVERLAY DECKS CY

ALL ITEMS ARE CATEGORY XXXX

TYPICAL SECTION

(LOOKING NORTH)



TRANSVERSE JOINT

LONGITUDINAL JOINT

DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.

AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF THE PROPOSED LANE).

IN PROGRESS PLANS
5/28/2019

PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-939

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 3

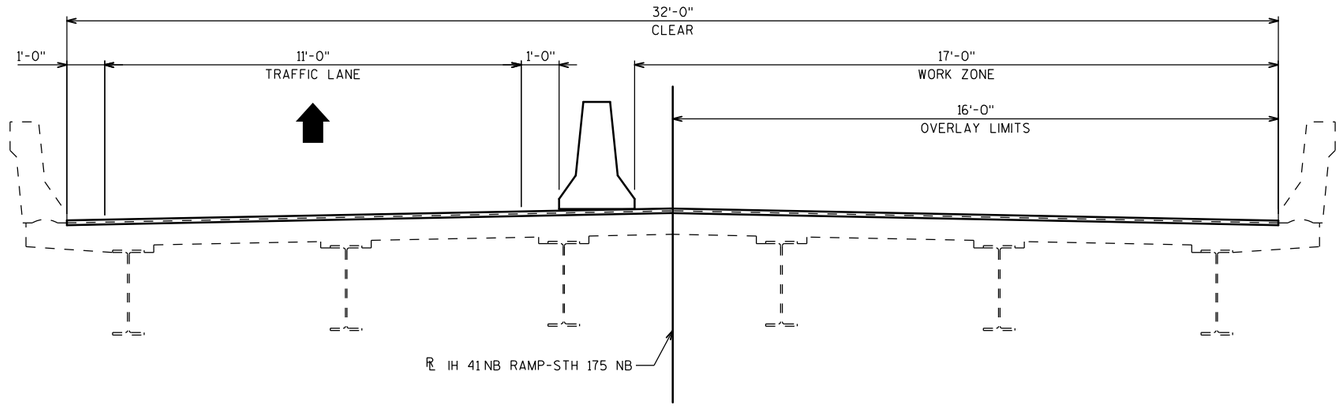
PRE_182

8

8

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STATE PROJECT NUMBER
1100-01-77

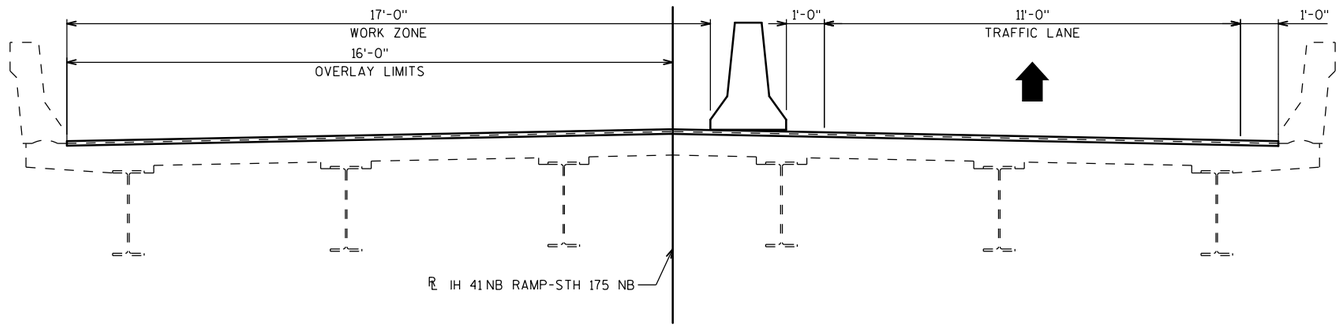


CROSS SECTION THRU ROADWAY

PHASE 1

(LOOKING NORTH)

B-40-939



CROSS SECTION THRU ROADWAY

PHASE 2

(LOOKING NORTH)

B-40-939

8

8

NOTES

PHASE NUMBERS FOR STRUCTURE WORK DO NOT MATCH ROADWAY STAGING PLAN NUMBERING.

SEE ROADWAY PLANS FOR COMPLETE PROJECT STAGING DETAILS.

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-939

DRAWN BY RAB | PLANS CK'D. EAJ

CONSTRUCTION STAGING

SHEET 3 OF 3

PRE_183

FILE NAME : \\milw00\ingrproj\59975\b1\B-40-939\cds\939_080103_cs.dgn PLOT DATE : 3/1/2017 10:40:55 AM PLOT BY : ejelinek PLOT NAME : $FILE$ PLOT SCALE : 4:1

STATE PROJECT NUMBER
1100-01-77

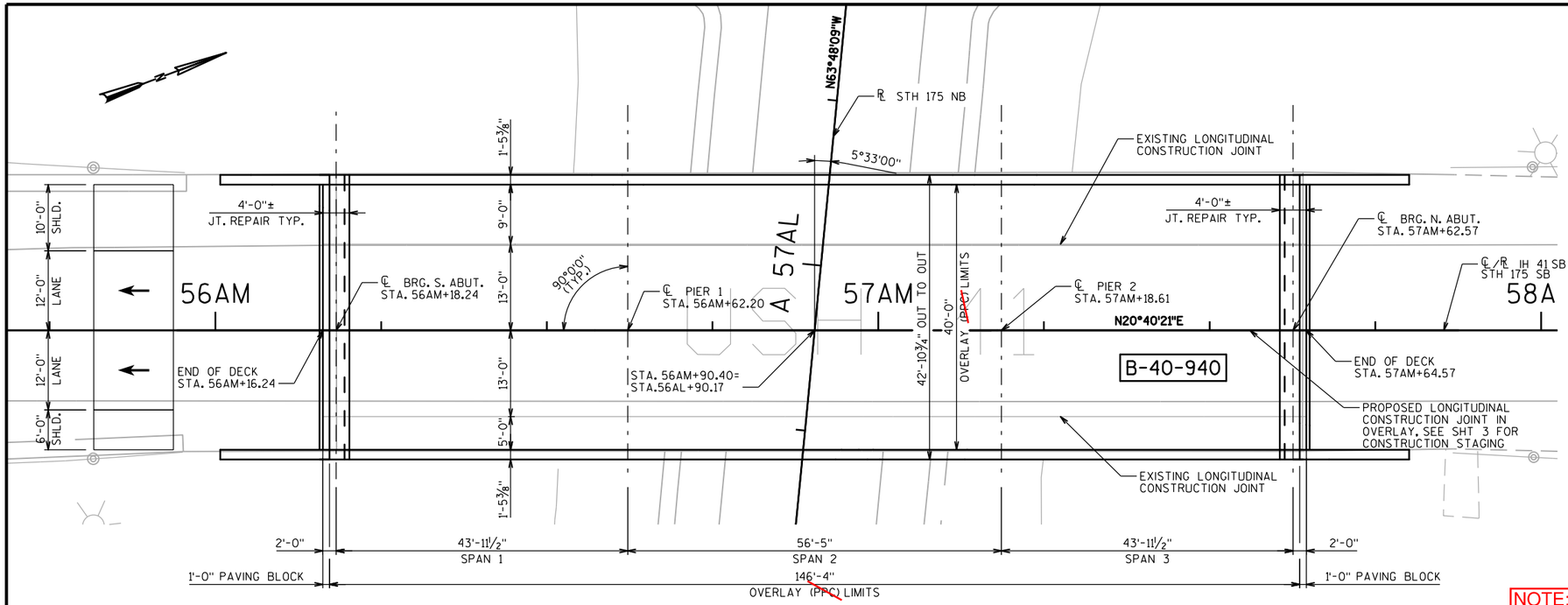
LIST OF DRAWINGS

1. GENERAL PLAN AND ELEVATION
2. TYPICAL SECTION, GENERAL NOTES AND QUANTITIES
3. CONSTRUCTION STAGING

LEGEND

TRAFFIC DIRECTION

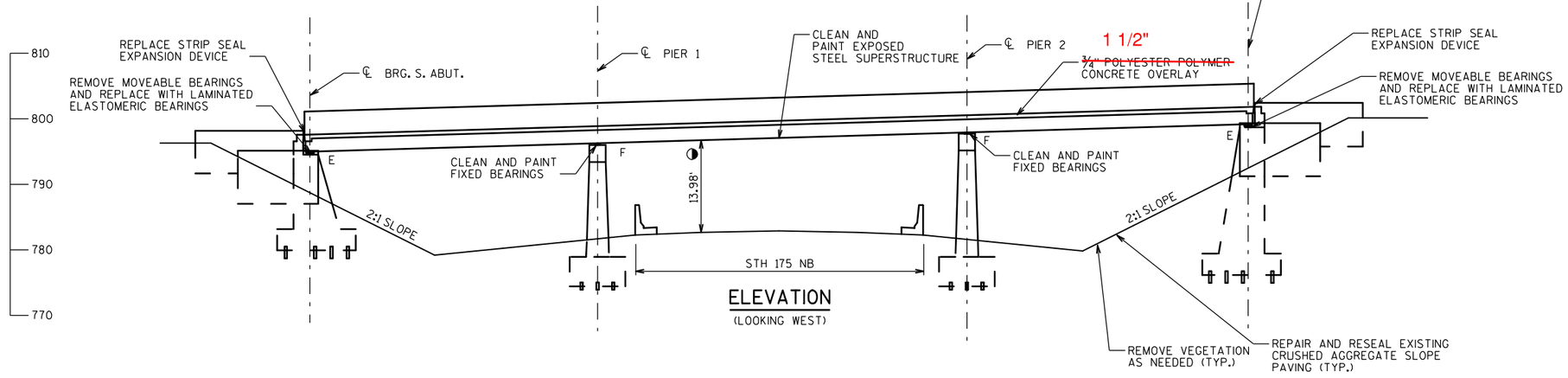
LOCATION PER EXISTING PLANS AND MIN. CLEARANCE TAKEN FROM HSI SYSTEM 2-10-2017



CONCRETE MASONRY PLAN

(PPC OVERLAY OF 3 SPAN ROLLED STEEL GIRDERS)

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)



ELEVATION

(LOOKING WEST)

TRAFFIC DATA

IH 41 SB RAMP-STH 175 SB

EXISTING A.D.T. = 2,100 (2014)
FUTURE A.D.T. = 2,400 (2040)
R.D.S. = 50 M.P.H.

STH 175 NB

EXISTING A.D.T. = 7,700 (2014)
FUTURE A.D.T. = 8,700 (2040)
R.D.S. = 50 M.P.H.

DESIGN DATA

LIVE LOAD

INVENTORY RATING: HSXX
OPERATING RATING: HSXX
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = XXX KIPS

MATERIAL PROPERTIES

CONCRETE MASONRY:
SUPERSTRUCTURE ..... f'c = 4,000 psi
ALL OTHER ..... f'c = 3,500 psi
BAR STEEL REINFORCEMENT ..... fy = 60,000 psi

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
PAT CASHIN (414) 359-2300

NO.	DATE	REVISION	BY

ORIGINAL PLANS PREPARED BY
HNTB
11414 W. PARK PLACE
MILWAUKEE, WI 53224
(414) 359-2300

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

ACCEPTED _____ _____
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-40-940

IH 41 SB RAMP-STH 175 SB OVER STH 175 NB

COUNTY	CITY
MILWAUKEE	MILWAUKEE

DESIGN SPEC.
REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
RAB	EAJ	RAB	EAJ

GENERAL PLAN AND ELEVATION

SHEET 1 OF 3

PRE_184

FILE NAME : \\milw00\ingrproj\59975\b1\B-40-940\cds\940_080101_gp.dgn PLOT DATE : 3/1/2017 10:41:55 AM PLOT BY : ejelinek PLOT NAME : $FILE$ PLOT SCALE : 20:1

STATE PROJECT NUMBER
1100-01-77

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.

DIMENSIONS SHOWN ARE BASED ON THE EXISTING STRUCTURE PLANS.

ALL DIMENSIONS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED. ALL STATIONS AND ELEVATIONS ARE IN FEET. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

"PROTECTIVE SURFACE TREATMENT" SHALL BE APPLIED TO THE ENTIRE TOP OF THE NEW CONCRETE AT THE BACKWALL PAVING BLOCK ASSOCIATED WITH THE JOINT REPLACEMENT.

"PIGMENTED SURFACE SEALER" SHALL BE APPLIED TO THE TOP AND INSIDE FACES OF NEW AND EXISTING PARAPETS. PERFORM "CLEANING PARAPETS" PRIOR TO APPLYING "PIGMENTED SURFACE SEALER" ON EXISTING PARAPETS.

"PREPARATION DECKS TYPE 1", "PREPARATION DECKS TYPE 2", AND "FULL-DEPTH DECK REPAIR" AREAS ARE BASED ON THE PLANS AND AS DETERMINED BY THE ENGINEER. DECK PREPARATION AND FULL-DEPTH DECK REPAIRS SHALL BE FILLED WITH "CONCRETE MASONRY BRIDGES". WHEN THE DECK PREPARATION AND FULL-DEPTH DECK REPAIRS ARE COMPLETE, APPLY THE ~~¾" PPC~~ OVERLAY TO LIMITS SHOWN ON THESE PLANS. <AREAS TO BE ADDED FOR FINAL PLANS>

LOCATIONS OF THE FOLLOWING BID ITEMS SHALL BE DETERMINED IN THE FIELD BY THE PROJECT ENGINEER. QUANTITIES SHOWN FOR THESE ITEMS ARE APPROXIMATE.

- CONCRETE SURFACE REPAIR
- CRACK SEALING EPOXY
- EPOXY CRACK SEALING
- SLOPE PAVING REPAIR CRUSHED AGGREGATE
- VEGETATION REMOVAL B-40-940
- REMOVING LOOSE CONCRETE
- EPOXY INJECTION CRACK REPAIR
- CORED HOLES 2-INCH DIAMETER

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR JOINT REPAIRS AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~. "CONCRETE MASONRY OVERLAY DECKS"

NEW CONCRETE AT JOINT REPAIR IS PAID FOR AS "CONCRETE MASONRY BRIDGES". THIS INCLUDES THE CONCRETE TO REPLACE SECTIONS OF PARAPET WITHIN THE JOINT REPAIR LIMITS. THIS EXCLUDES THE ~~¾" OF PPC~~ OVERLAY. REFER TO THE "GENERAL PLAN AND ELEVATION" SHEET FOR THE LIMITS OF THE ~~PPC~~ OVERLAY.

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

ALL REINFORCING BARS ARE ENGLISH. THE FIRST OR FIRST TWO DIGITS OF THE BAR MARK SIGNIFIES THE BAR SIZE. BAR DIMENSIONS ARE OUT TO OUT OF BAR.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

UNDER THE BID ITEM "ADHESIVE ANCHORS NO. 5 BAR", ANCHORED REINFORCING STEEL SHALL BE PAID FOR SEPARATELY AS PROVIDED IN SECTION 505 OF THE STANDARD SPECIFICATIONS FOR BAR STEEL REINFORCEMENT.

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

~~AREAS OF "PREPARATION DECKS TYPE 1" SHALL BE DEFINED BY A SAWCUT.~~

A MINIMUM OF ½-INCH OF CONCRETE SHALL BE REMOVED FROM THE ENTIRE BRIDGE DECK UNDER THE BID ITEM ~~"POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH"~~.

CLEAN AND FILL EXISTING LONGITUDINAL AND TRANSVERSE CRACKS WITH PENETRATING EPOXY AS DIRECTED BY THE FIELD ENGINEER UNDER THE BID ITEM "CRACK SEALING EPOXY".

PROFILE GRADE LINE SHALL BE DETERMINED IN THE FIELD BASED ON A MINIMUM OVERLAY THICKNESS OF ¾" PLACED ABOVE THE DECK SURFACE AFTER SURFACE PREPARATION. THE EXPECTED AVERAGE OVERLAY THICKNESS IS 1". IF EXPECTED AVERAGE OVERLAY THICKNESS IS EXCEEDED BY MORE THAN ½", CONTACT THE STRUCTURES DESIGN SECTION.

EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS AND HARDWARE, SHALL BE PAID FOR IN THE LUMP SUM PRICE BID AS "EXPANSION DEVICE B-40-940".

REMOVE DESIGNATED MOVEABLE BEARING ASSEMBLIES AT THE ABUTMENTS UNDER THE BID ITEM "REMOVING BEARINGS B-40-940" AND REPLACE WITH LAMINATED ELASTOMERIC BEARINGS.

EXISTING FIXED BEARINGS AT THE PIERS TO BE CLEANED AND PAINTED.

CLEAN AND PAINT ALL EXPOSED STEEL SUPERSTRUCTURE SURFACES UNDERNEATH THE BRIDGE. THE SURFACES INCLUDE GIRDERS, DIAPHRAGMS, CONNECTIONS, ETC.

EXISTING STEEL SUPERSTRUCTURE AND BEARINGS SHALL BE PAINTED LIGHT GRAY, FEDERAL COLOR NUMBER 26293.

REMOVAL OF THE PARAPET AT THE JOINTS IS INCLUDED IN BID ITEM "JOINT REPAIR".

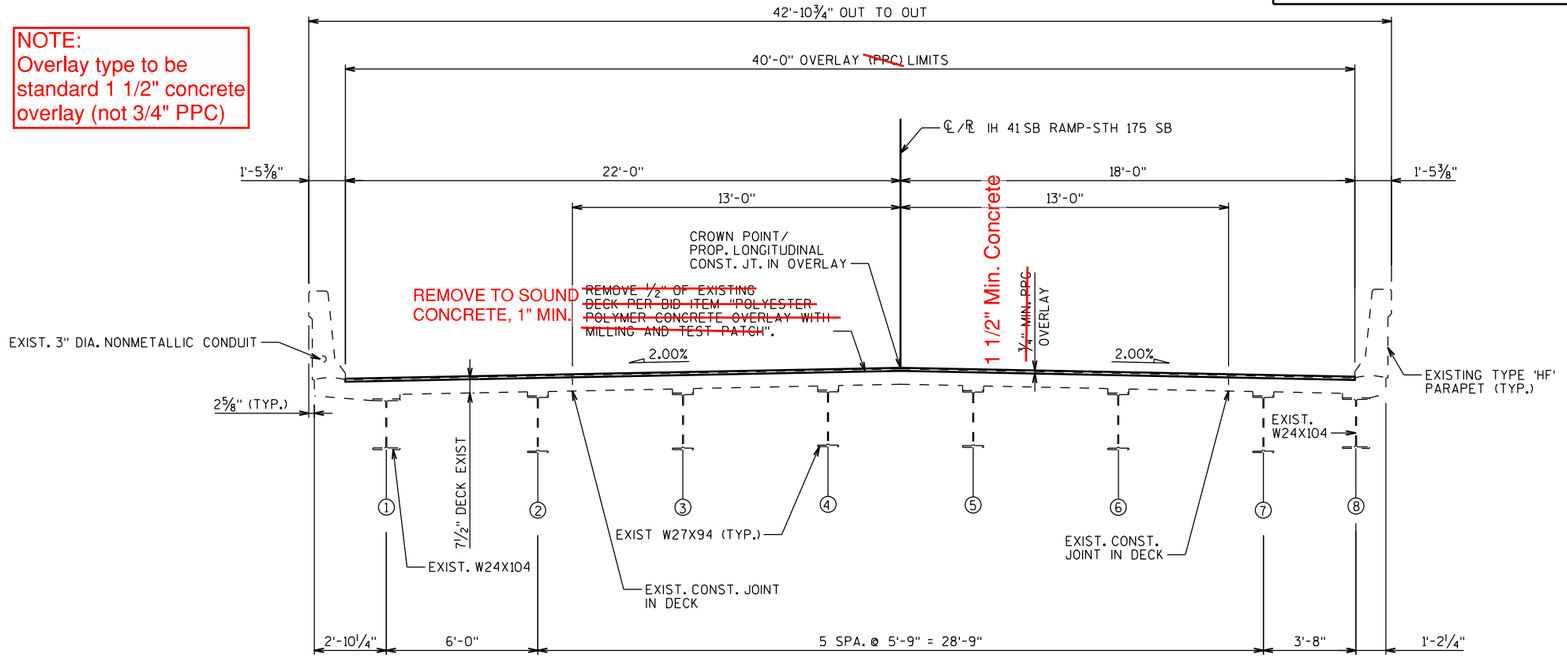
THE UTILITY INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION IS NOT GUARANTEED TO BE ACCURATE OR ALL-INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE.

REMOVE ALL VEGETATION FROM EXISTING CRUSHED AGGREGATE SLOPE PAVING PRIOR TO REPAIRING AND RESEALING THE SLOPE PAVING. REMOVAL OF THE VEGETATION IS INCLUDED IN THE BID ITEM "VEGETATION REMOVAL B-40-940".

ALL CRUSHED AGGREGATE SLOPE PAVING ASSOCIATED WITH THIS STRUCTURE TO BE RESEALED.

1 3/4"
~~6"~~ AVERAGE OVERLAY THICKNESS

NOTE:
Overlay type to be standard 1 1/2" concrete overlay (not 3/4" PPC)



TYPICAL SECTION

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
~~203.0225.S.XX~~	~~DEBRIS CONTAINMENT STRUCTURE B-40-940~~	~~LS~~	~~1~~
502.0100	CONCRETE MASONRY BRIDGES	CY	
502.0717.S	CRACK SEALING EPOXY	LF	
502.3100.XX	EXPANSION DEVICE B-40-940	LS	1
502.3200	PROTECTIVE SURFACE TREATMENT	SY	
502.3210	PIGMENTED SURFACE SEALER	SY	
502.4205	ADHESIVE ANCHORS NO. 5 BAR	EACH	
505.0600	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB	
505.0905	BAR COUPLERS NO. 5	EACH	
506.2610	BEARING PADS ELASTOMERIC LAMINATED	EACH	
506.7050.S.XX	REMOVING BEARINGS B-40-940	EACH	
509.0301	PREPARATION DECKS TYPE 1	SY	
509.0302	PREPARATION DECKS TYPE 2	SY	
509.1000	JOINT REPAIR	SY	
509.1500	CONCRETE SURFACE REPAIR	SF	
509.2000	FULL-DEPTH DECK REPAIR	SY	
509.9020.S	EPOXY CRACK SEALING	LF	
509.9025.S	EPOXY INJECTION CRACK REPAIR	LF	
509.9026.S	CORED HOLES 2-INCH DIAMETER	EACH	
509.9050.S	CLEANING PARAPETS	LF	
517.1800.S.XX	STRUCTURE REPAINTING RECYCLED ABRASIVE B-40-940	LS	1
517.4500.S.XX	NEGATIVE PRESSURE CONTAINMENT AND COLLECTION OF WASTE MATERIALS B-40-940	LS	1
517.6001.S	PORTABLE DECONTAMINATION FACILITY	EACH	1
604.9010.S	SLOPE PAVING REPAIR CRUSHED AGGREGATE	CY	
604.9015.S	RESEAL CRUSHED AGGREGATE SLOPE PAVING	SY	
~~SPV.0035.XX~~	~~POLYESTER POLYMER CONCRETE OVERLAY WITH MILLING AND TEST PATCH~~	~~CY~~	
SPV.0060.XX	CLEANING AND PAINTING BEARINGS	EACH	
~~SPV.0090.XX~~	~~SAWING PAVEMENT DECK PREPARATION AREAS~~	~~LF~~	
SPV.0105.XX	VEGETATION REMOVAL B-40-940	LS	1
SPV.0165.XX	REMOVING LOOSE CONCRETE	SF	
	NON-BID ITEMS		

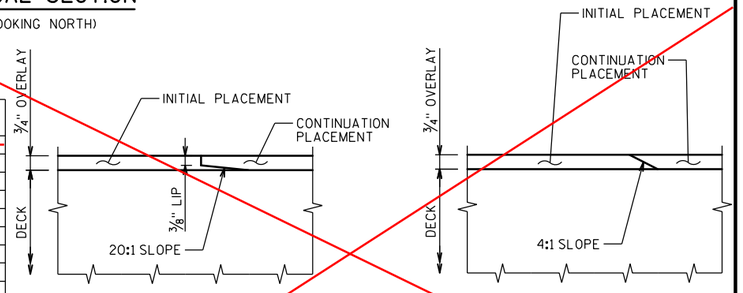
509.0500 CLEANING DECKS SY

509.2500 CONCRETE MASONRY OVERLAY DECKS CY

ALL ITEMS ARE CATEGORY XXXX

TYPICAL SECTION

(LOOKING NORTH)



TRANSVERSE JOINT

LONGITUDINAL JOINT

DETAIL REQUIRED WHEN OVERLAY IS NOT COMPLETED WITHIN THE WORK PERIOD OR IF STAGED CONSTRUCTION IS USED. OPTIONAL (CONTRACTOR) JOINTS TO BE APPROVED BY THE ENGINEER.

AVOID PLACING LONGITUDINAL JOINTS NEAR WHEEL PATHS (PLACE AT PROPOSED LANE LINES OR IN THE MIDDLE OF THE PROPOSED LANE).

IN PROGRESS PLANS
5/28/2019

PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-940

DRAWN BY RAB | PLANS CK'D. EAJ

TYPICAL SECTION, GENERAL NOTES AND QUANTITIES

SHEET 2 OF 3

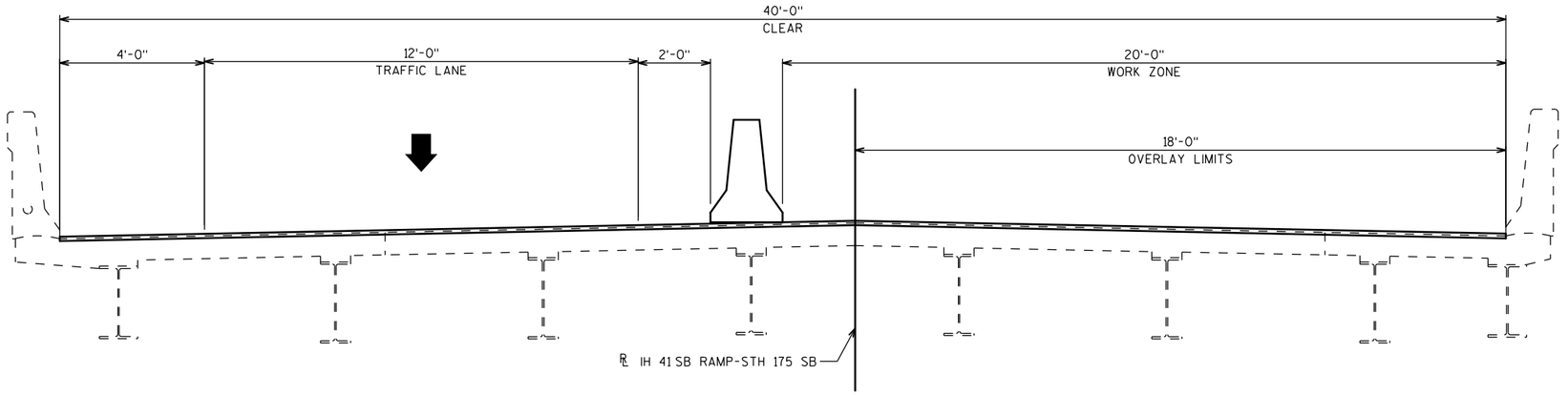
PRE_185

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STATE PROJECT NUMBER
1100-01-77

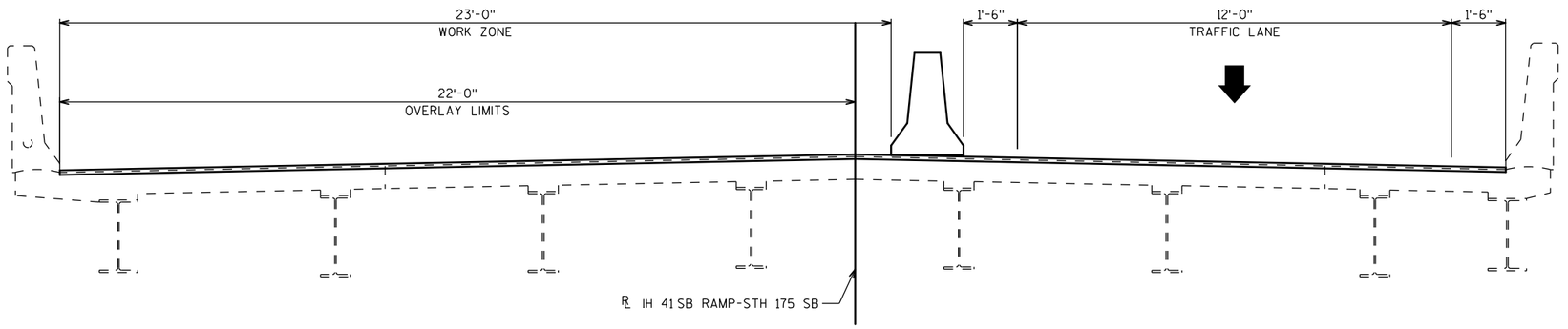


CROSS SECTION THRU ROADWAY

PHASE 1

(LOOKING NORTH)

B-40-940



CROSS SECTION THRU ROADWAY

PHASE 2

(LOOKING NORTH)

B-40-940

8

8

NOTES

PHASE NUMBERS FOR STRUCTURE WORK DO NOT MATCH ROADWAY STAGING PLAN NUMBERING.

SEE ROADWAY PLANS FOR COMPLETE PROJECT STAGING DETAILS.

IN PROGRESS PLANS
5/28/2019
PRELIMINARY PLANS

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-40-940

DRAWN BY RAB | PLANS CK'D. EAJ

CONSTRUCTION STAGING

SHEET 3 OF 3

PRE_186

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740

740

SPR1
RT

EX
RW

731.37
10.49

6.4:1

729.12
25.00

WETLAND

WETLAND

22+70

730

730

720

720

4 FT

10 FT

-60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

9

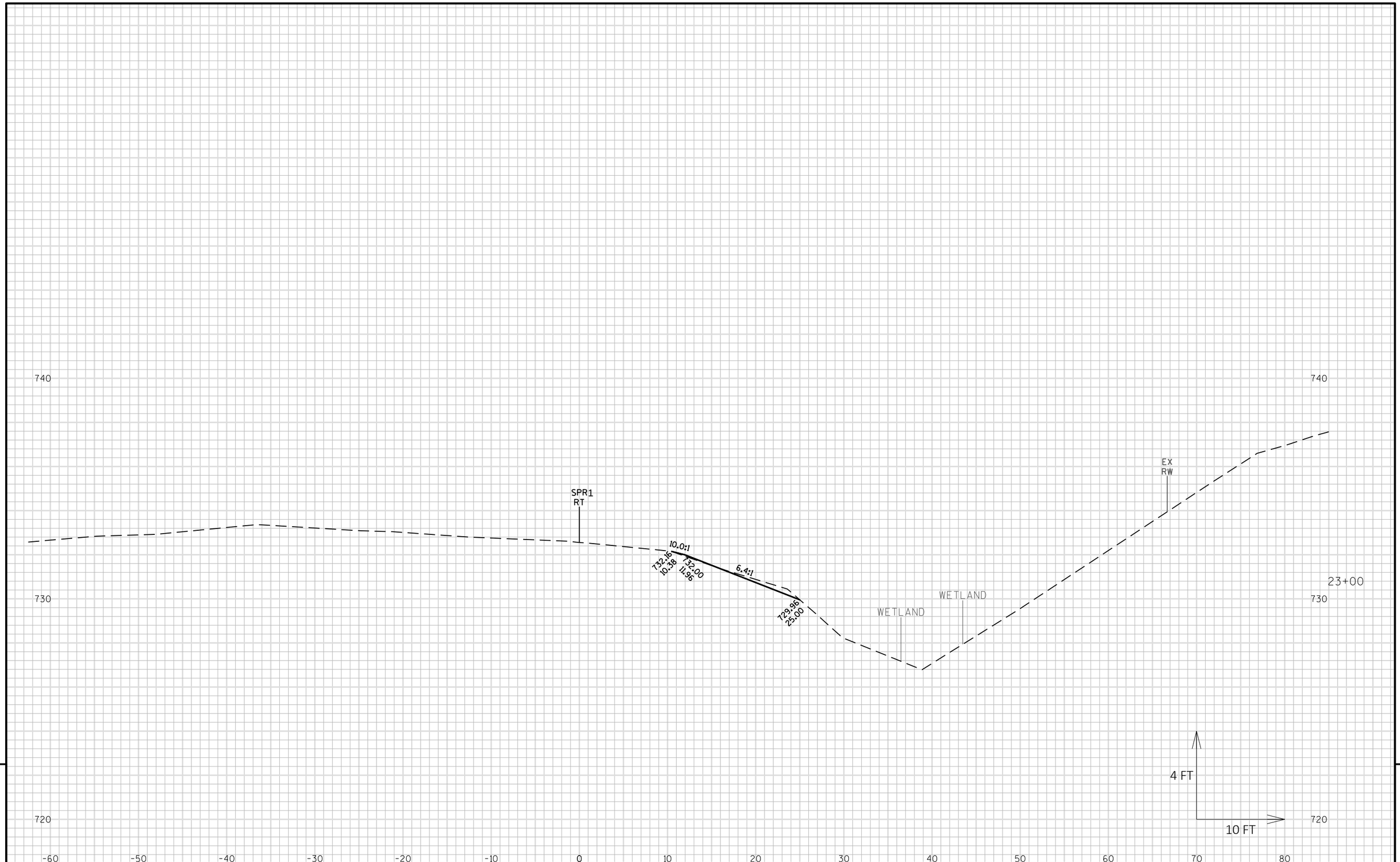
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET PRE_187 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090201_XS

PLOT DATE : 5/20/2019 10:47 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

9

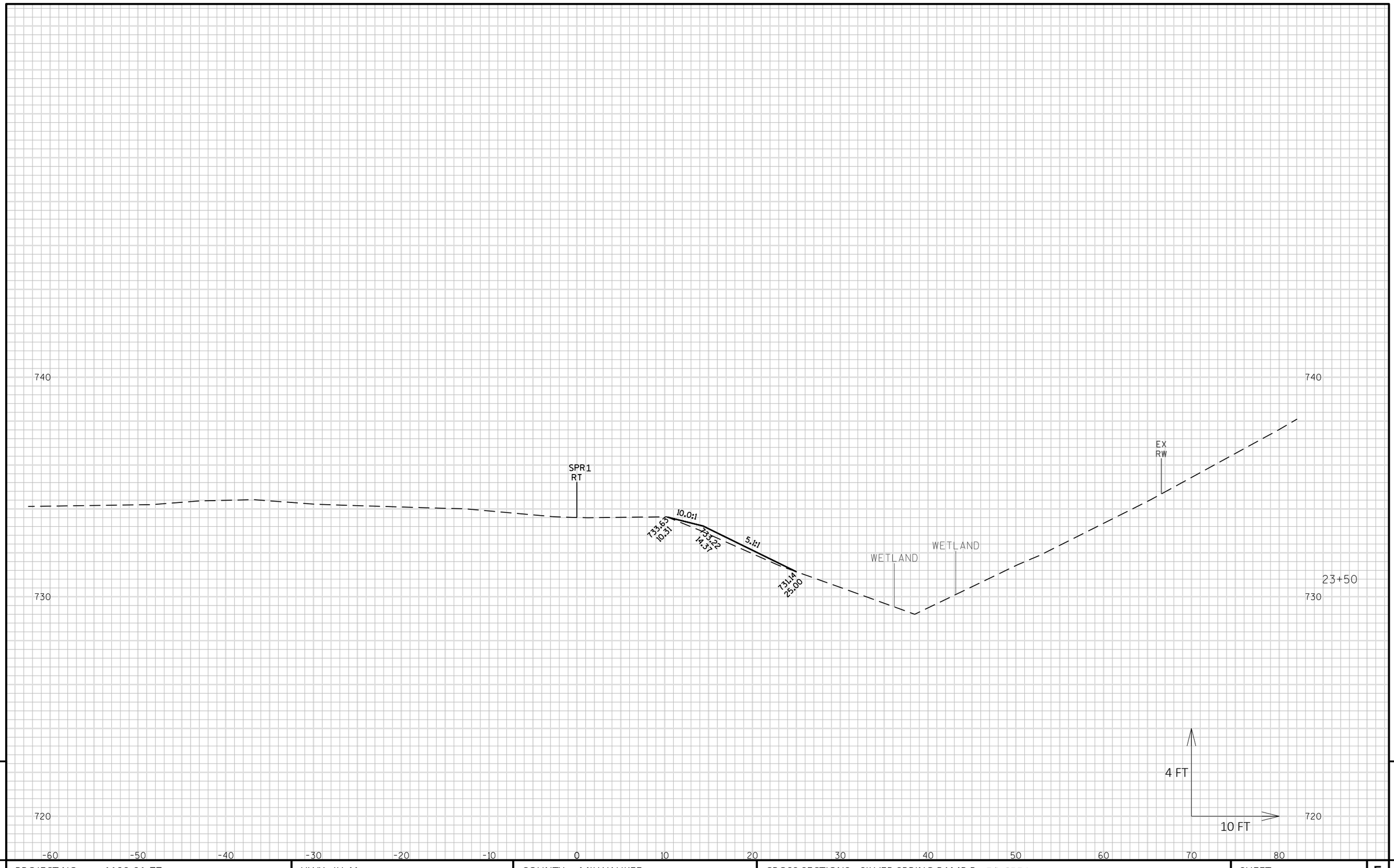
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PLOT DATE : 5/20/2019 10:47 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_188

WISDOT/CADDS SHEET 49



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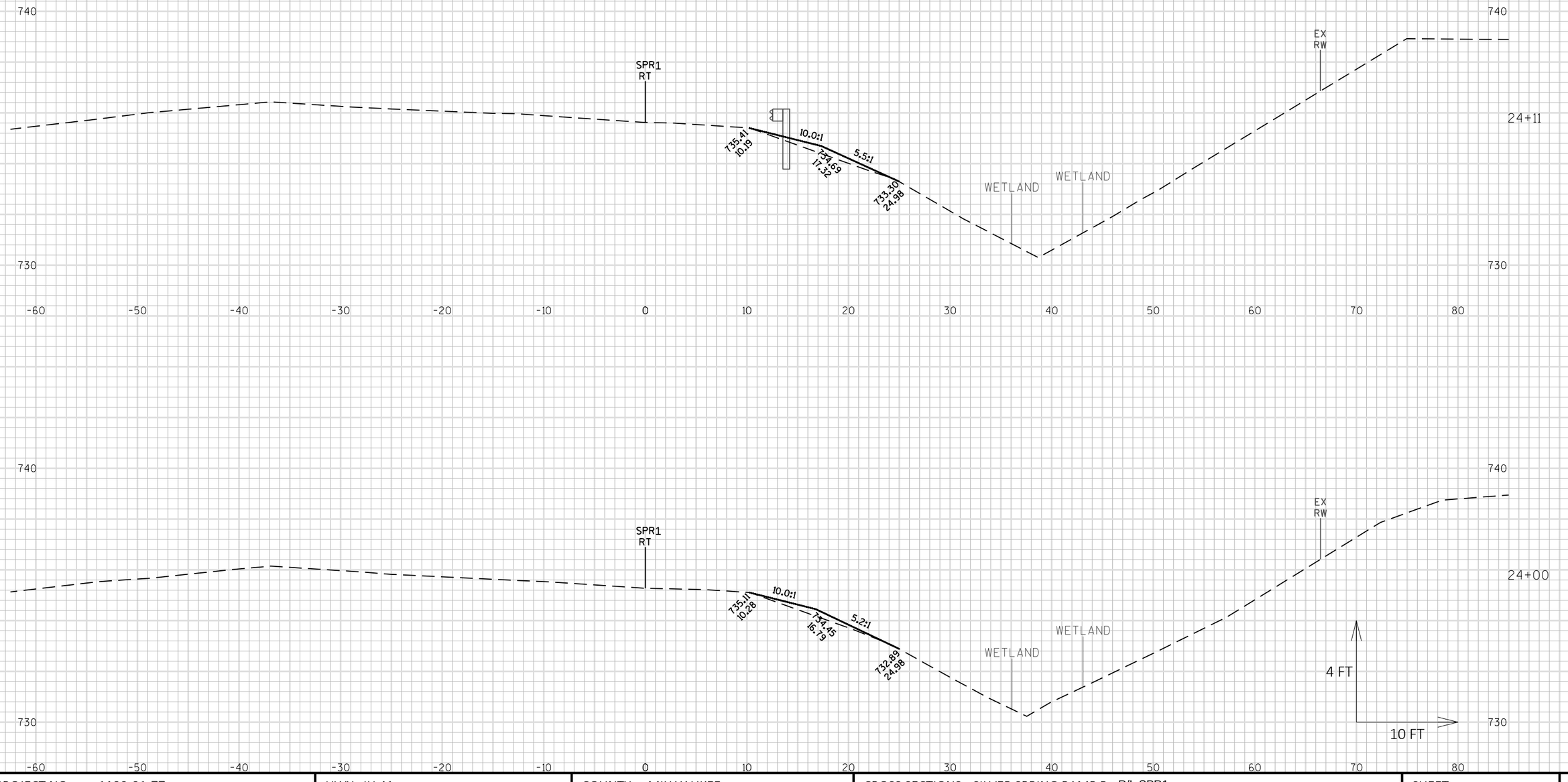
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PRE_189

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WISDOT/CADDS SHEET 49

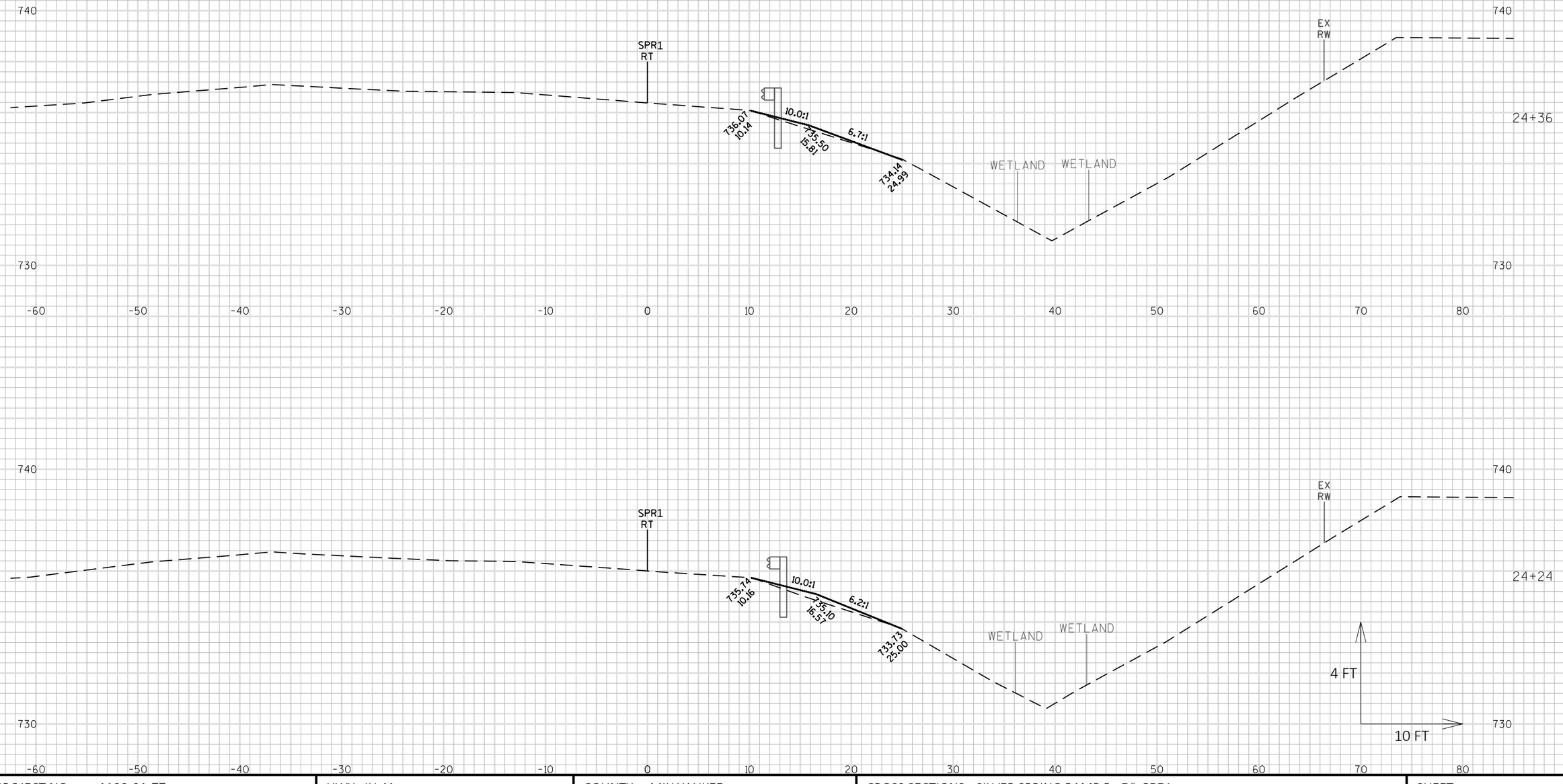


PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET PRE_190 E

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PLOT DATE : 5/20/2019 10:48 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

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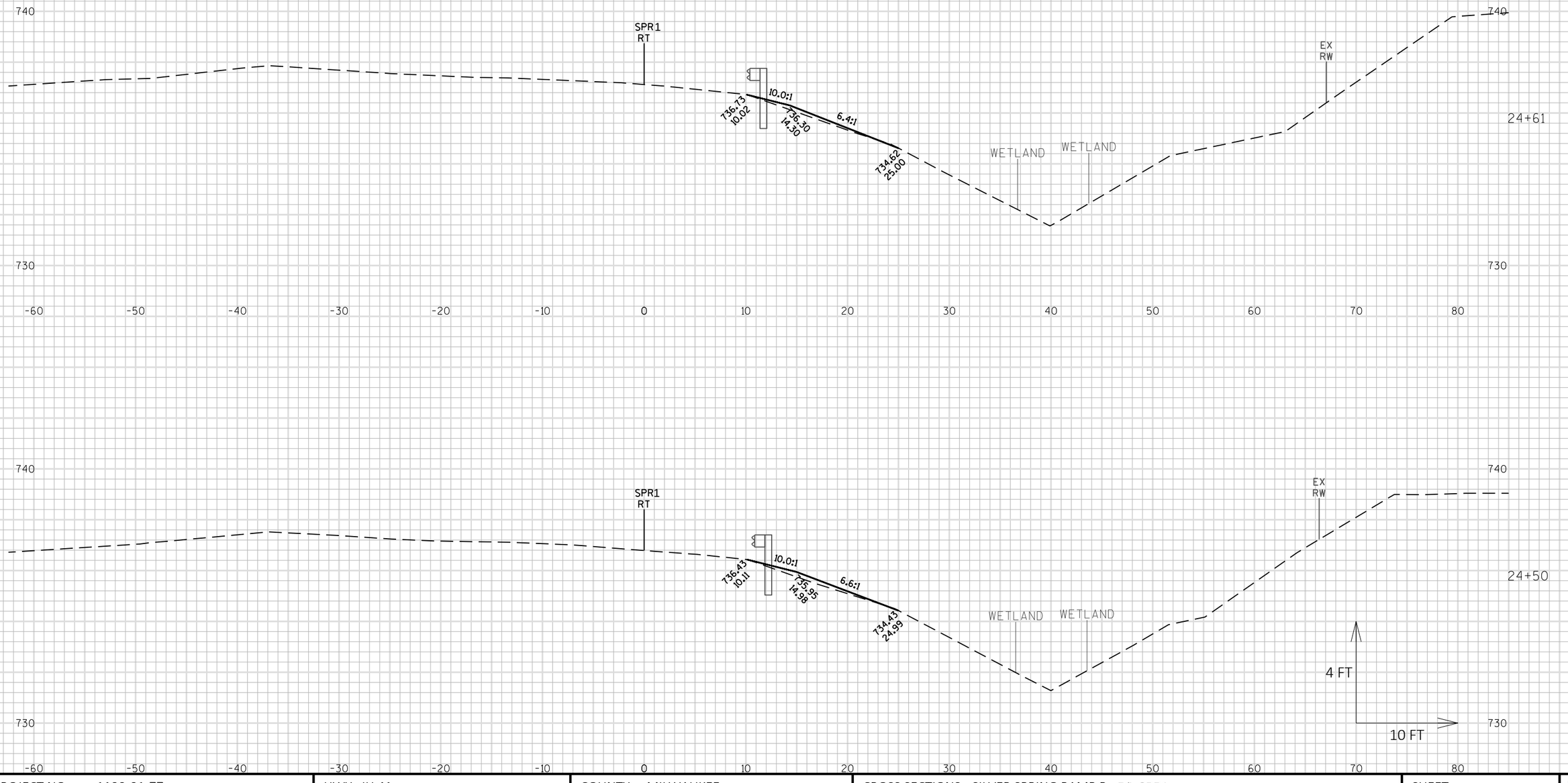
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET

PRE_191 E

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LAYOUT NAME - 090205_XS

PLOT DATE : 5/20/2019 10:49 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET

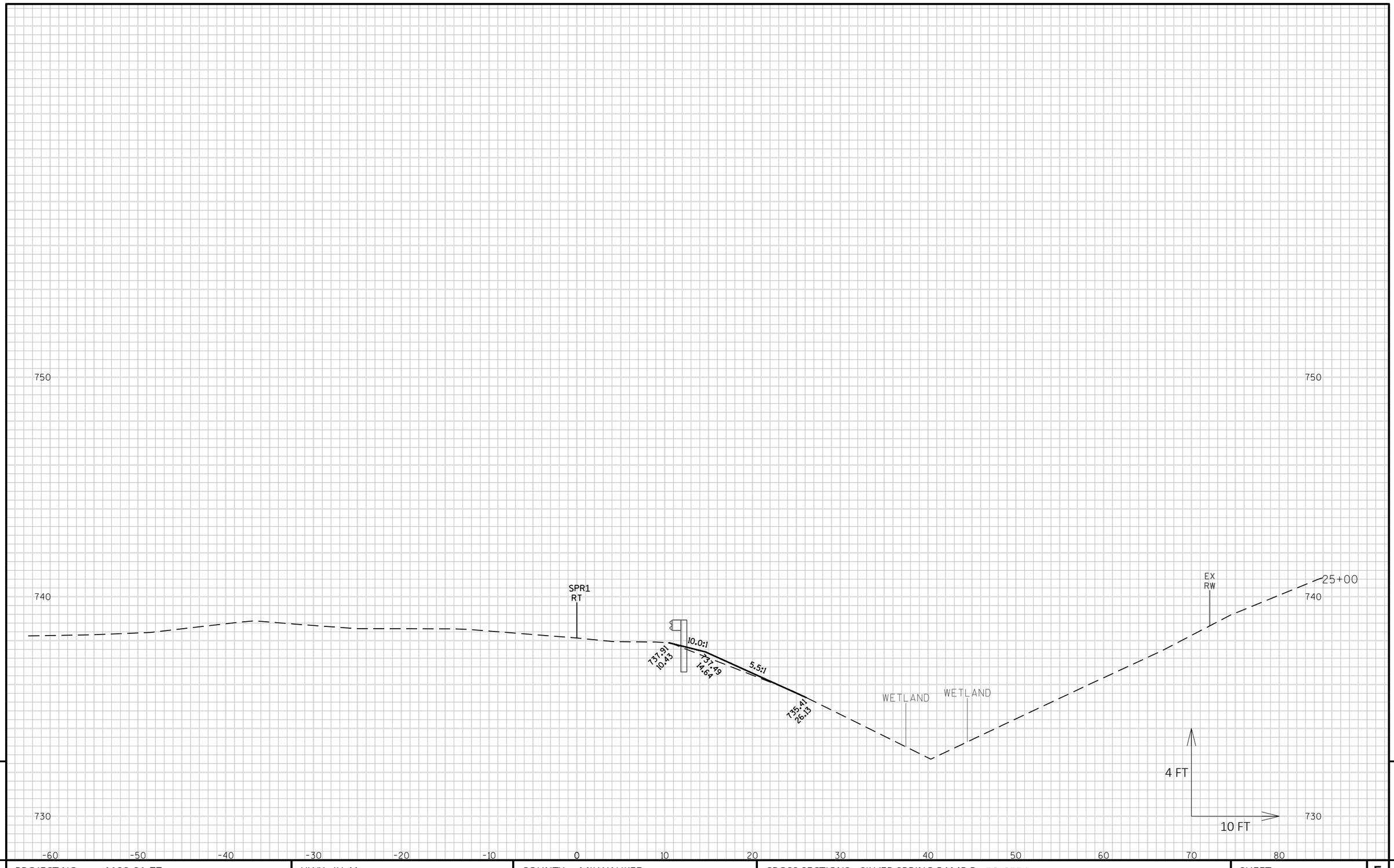
PRE_192

E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090206_XS

PLOT DATE : 5/20/2019 10:49 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET PRE_193 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090207_XS

PLOT DATE : 5/20/2019 10:50 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49

750

750

740

SPR1
RT

739.24
10.97

10.0:1

738.83
15.5

5.3:1

736.49
21.54

WETLAND

WETLAND

EX
RW

25+50

740

4 FT

10 FT

730

730

-60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET PRE_194 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090208_XS

PLOT DATE : 5/20/2019 10:50 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49

750

750

SPR1
RT

EX
RW

26+00

740

740

10.0:1

740.58
10.26

740.18
14.26

4.9:1

737.77
26.01

WETLAND

WETLAND

4 FT

10 FT

730

730

-60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

9

9

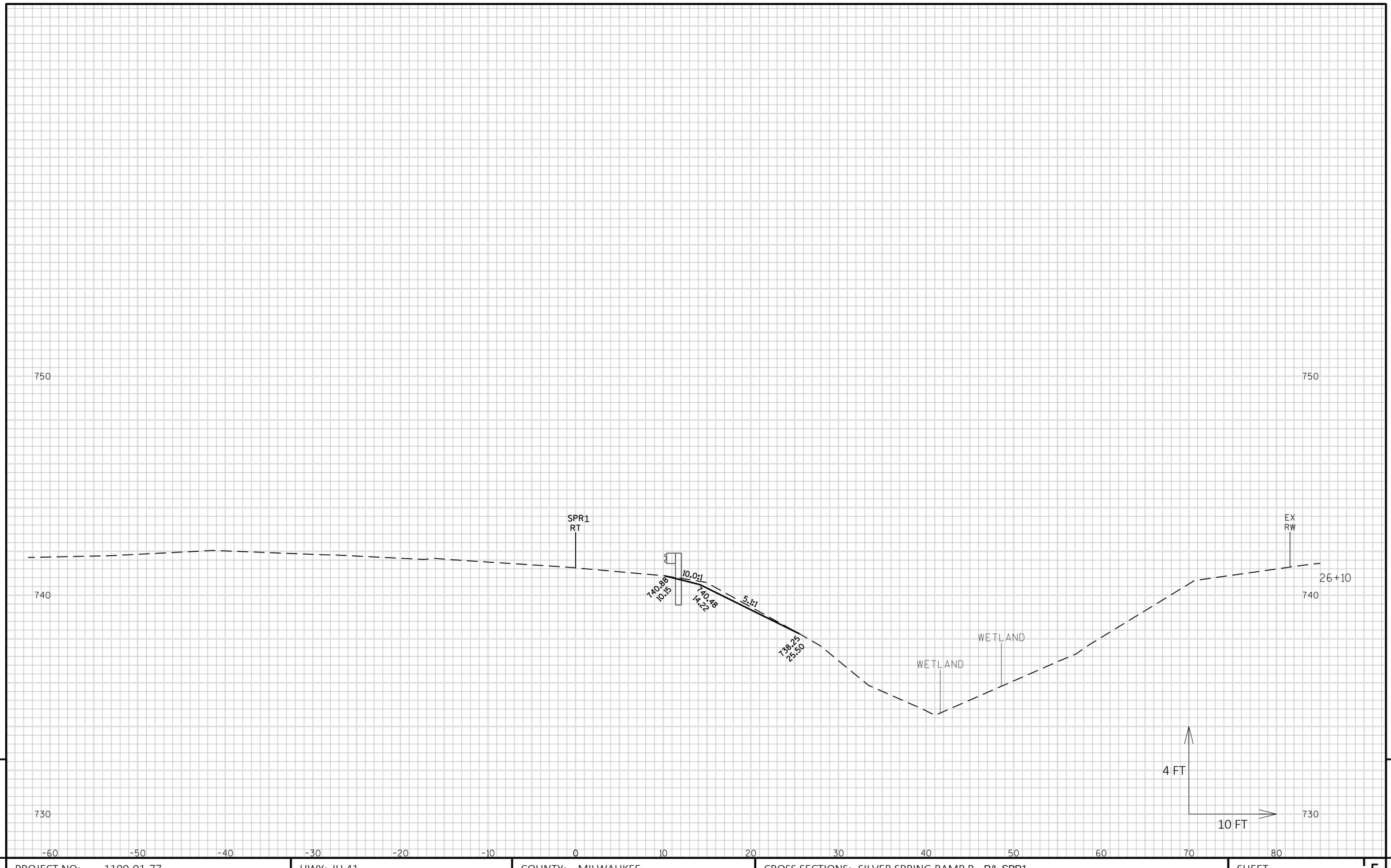
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET E

PRE_195

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090209_XS

PLOT DATE : 5/20/2019 10:51 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



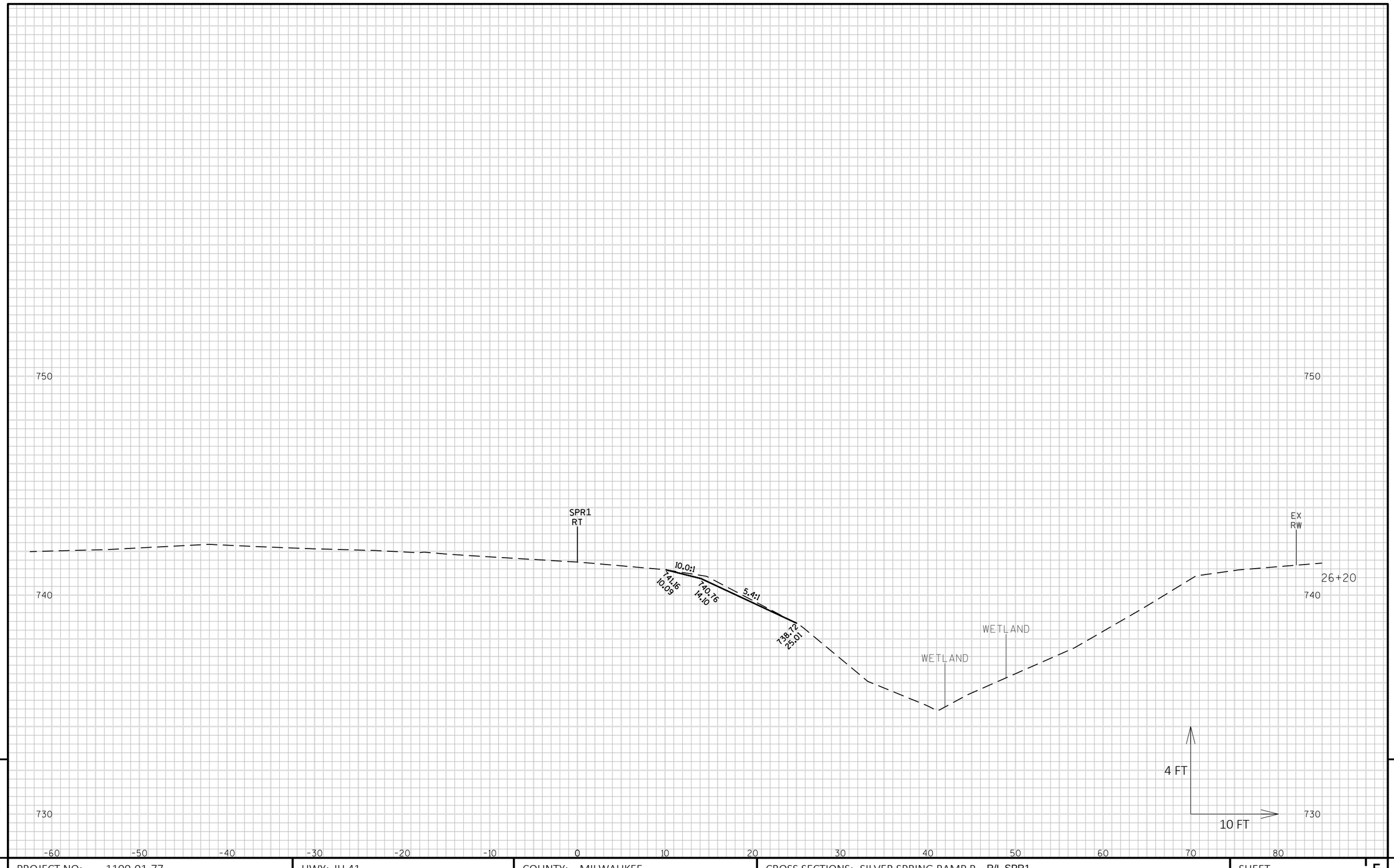
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9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET PRE_196 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090210_XS

PLOT DATE : 5/20/2019 10:51 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



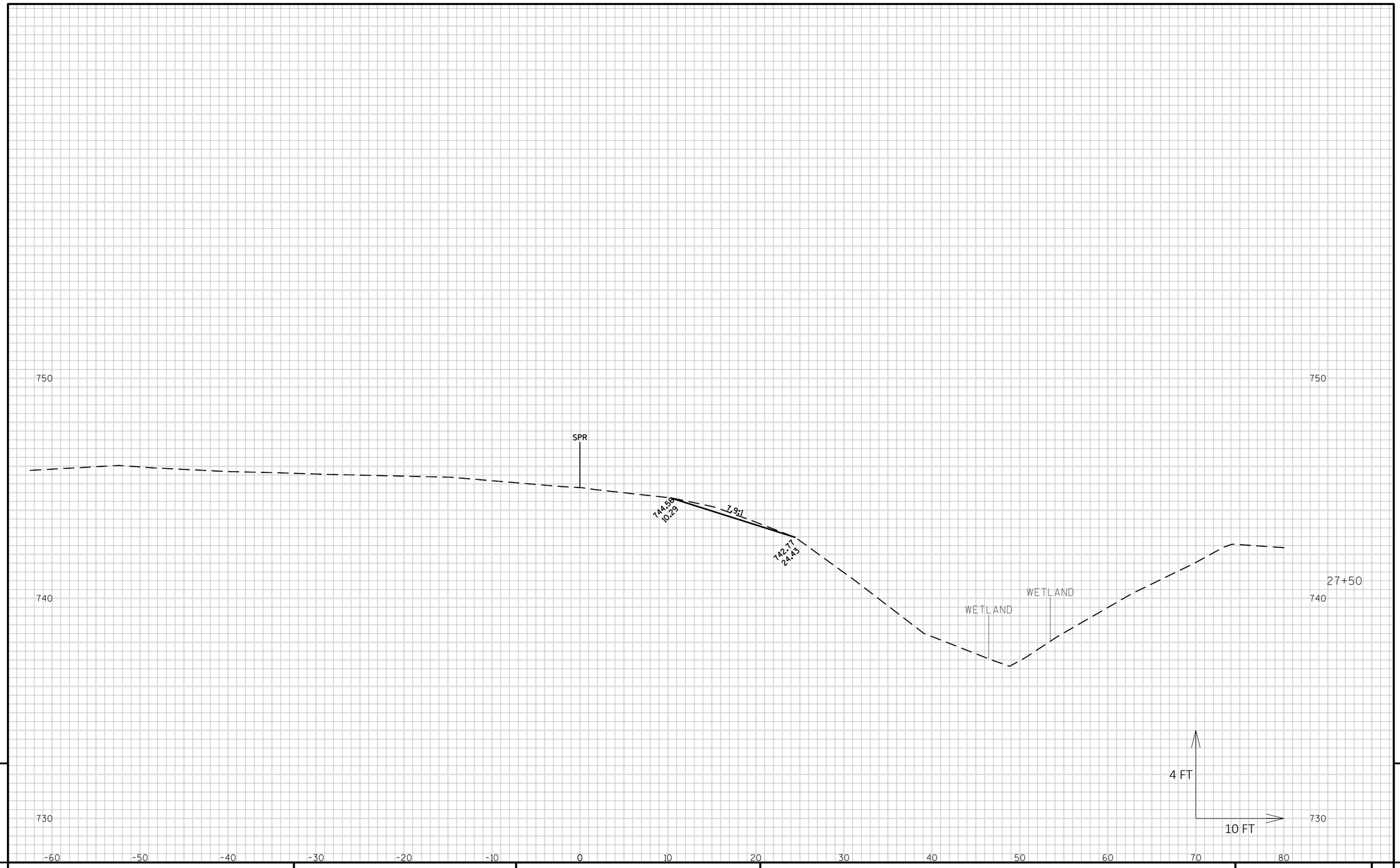
9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR1	SHEET PRE_197 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090211_XS

PLOT DATE : 5/20/2019 10:52 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



9

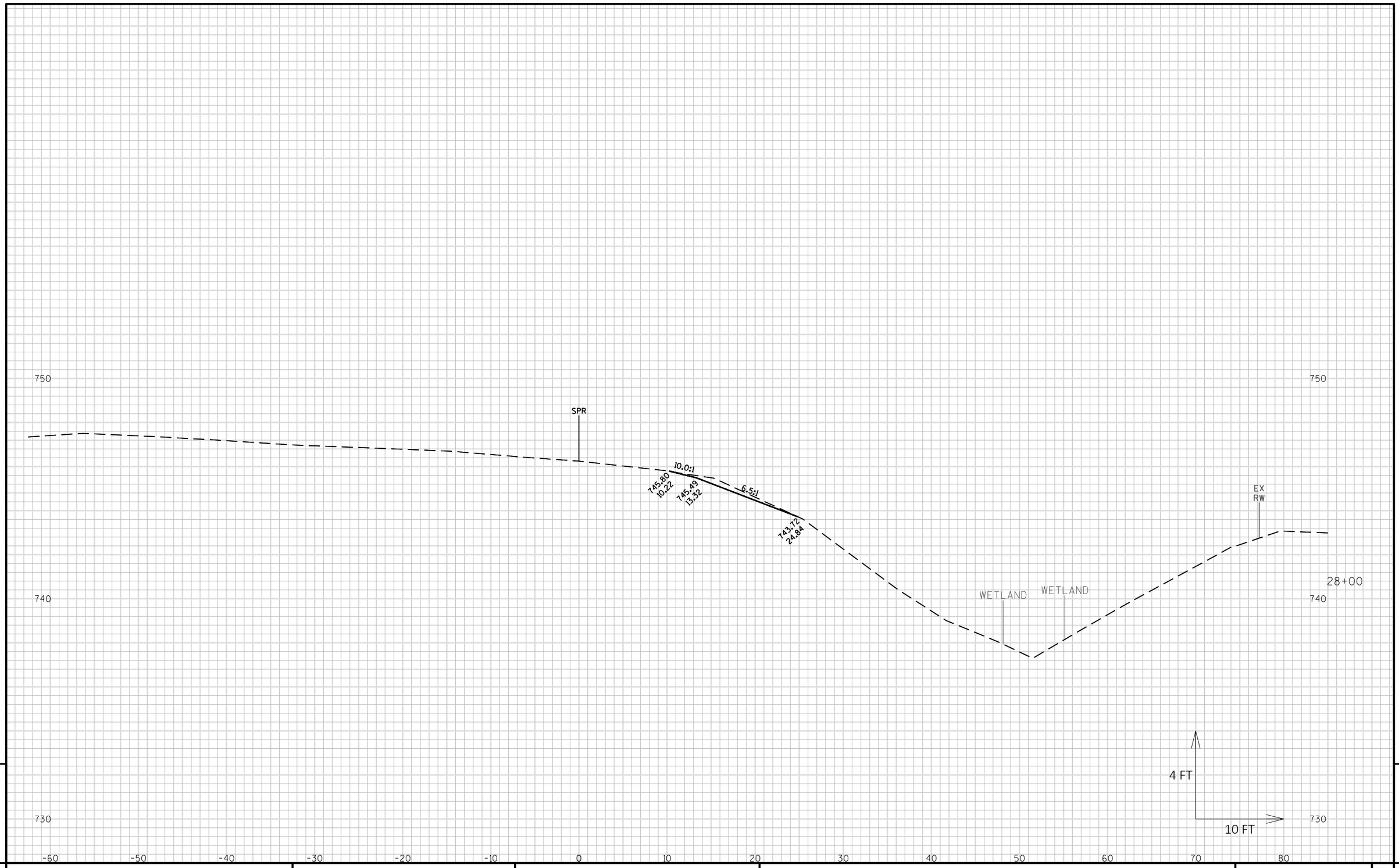
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

PRE_198

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090212_XS

PLOT DATE : 5/20/2019 10:52 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



9

9

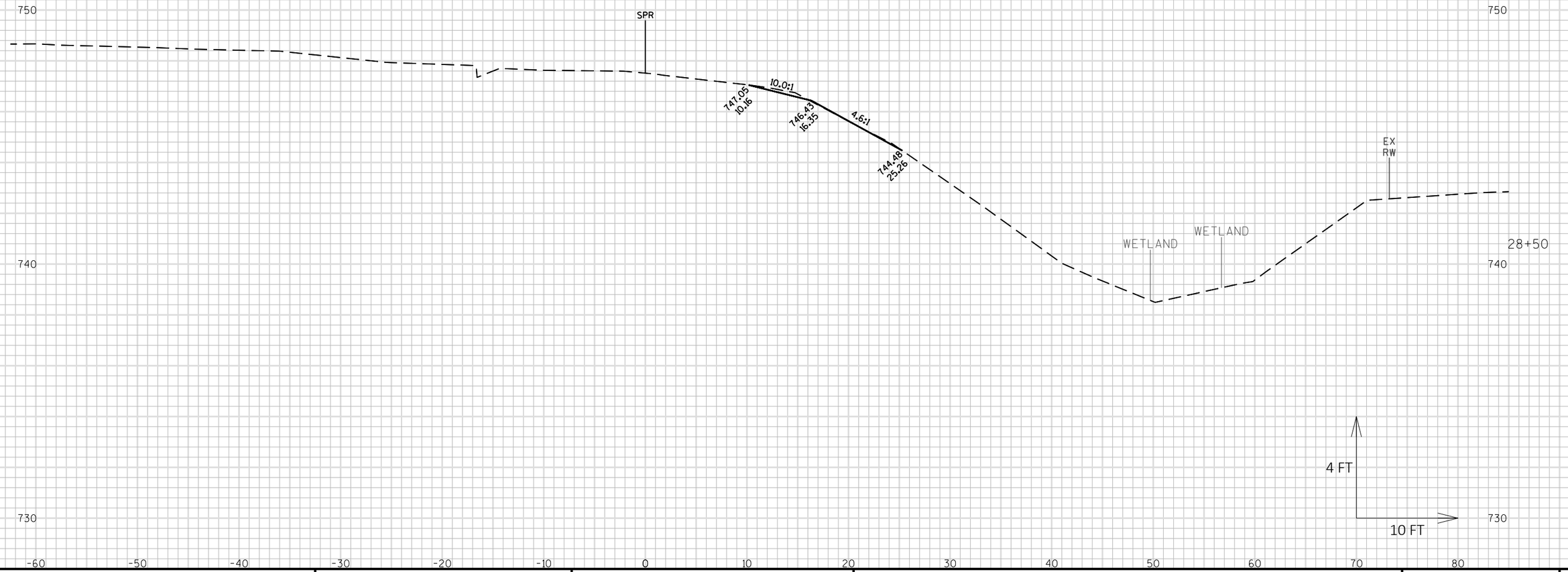
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090213_XS

PLOT DATE : 5/20/2019 10:53 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_199

WISDOT/CADDS SHEET 49



9

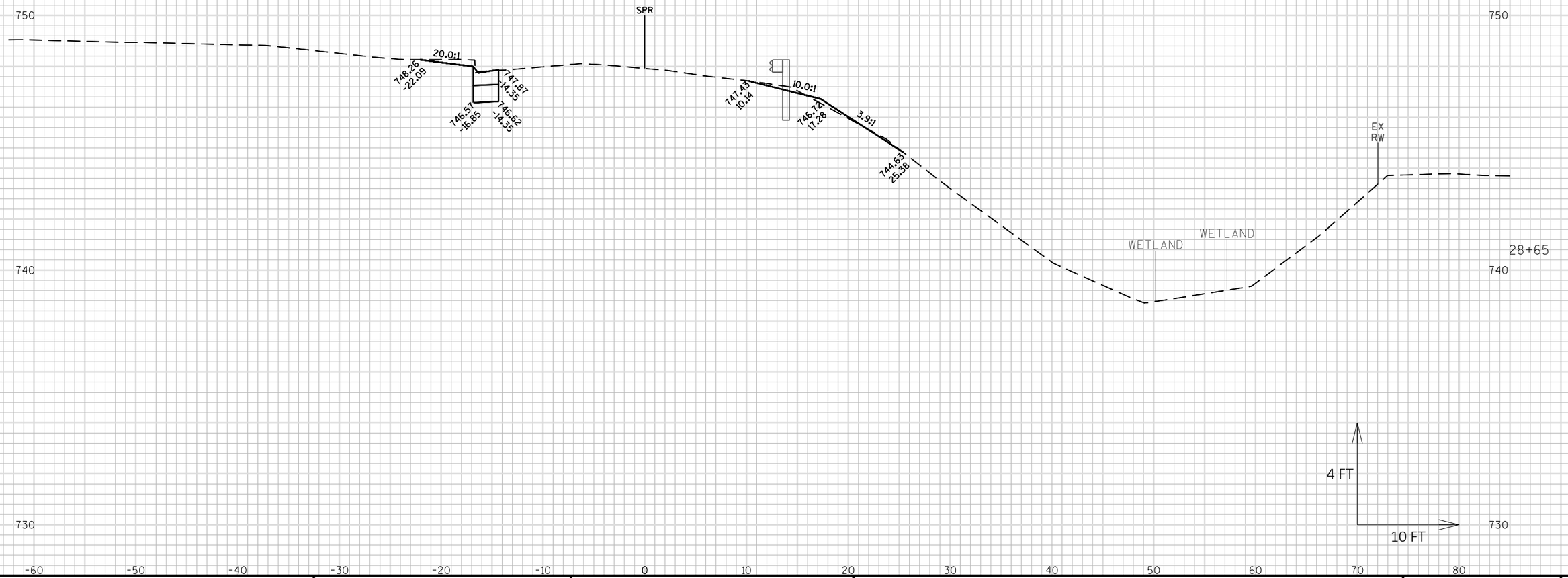
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

PRE_200

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090214_XS

PLOT DATE : 5/20/2019 10:53 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



9

9

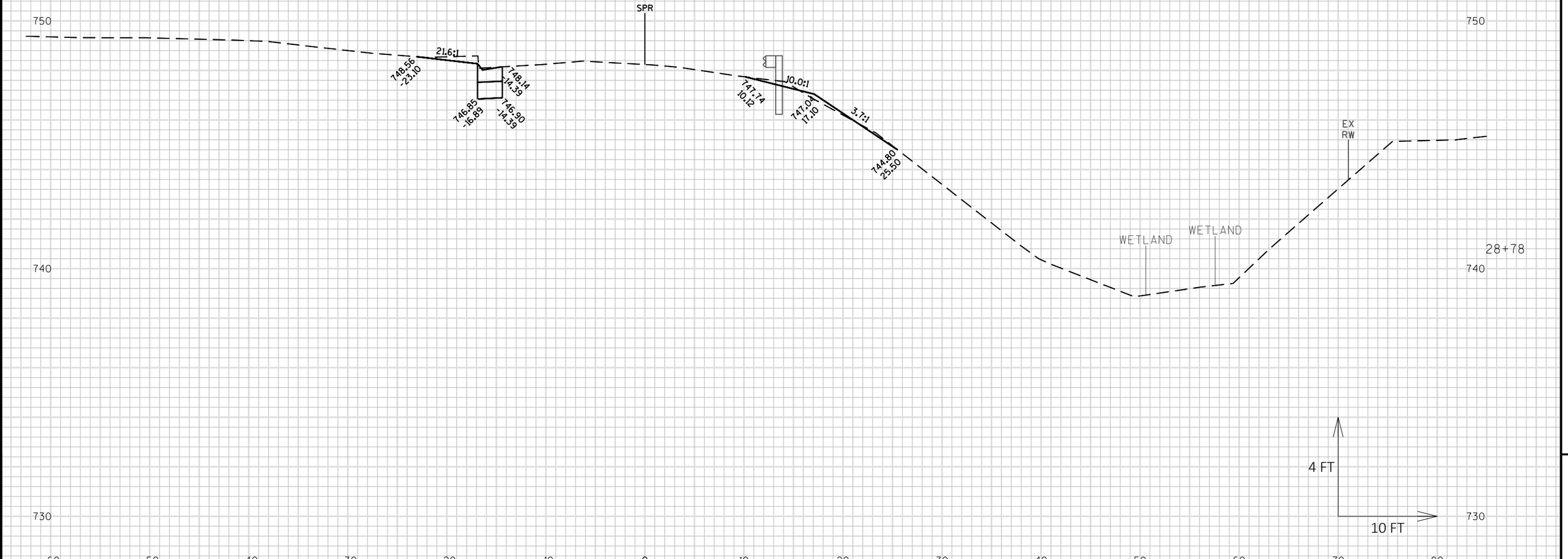
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090215_XS

PLOT DATE : 5/20/2019 10:54 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_201

WISDOT/CADDS SHEET 49



9

9

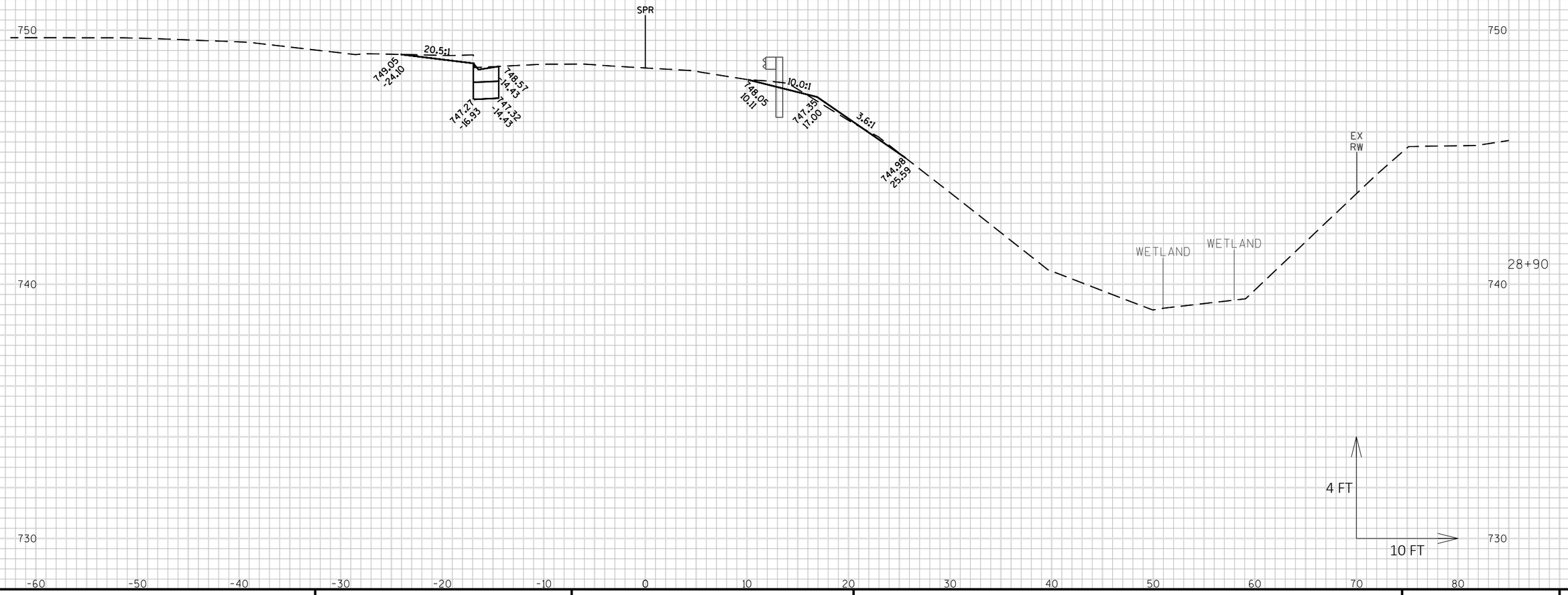
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090216_XS

PLOT DATE : 5/20/2019 10:54 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_202

WISDOT/CADDS SHEET 49



9

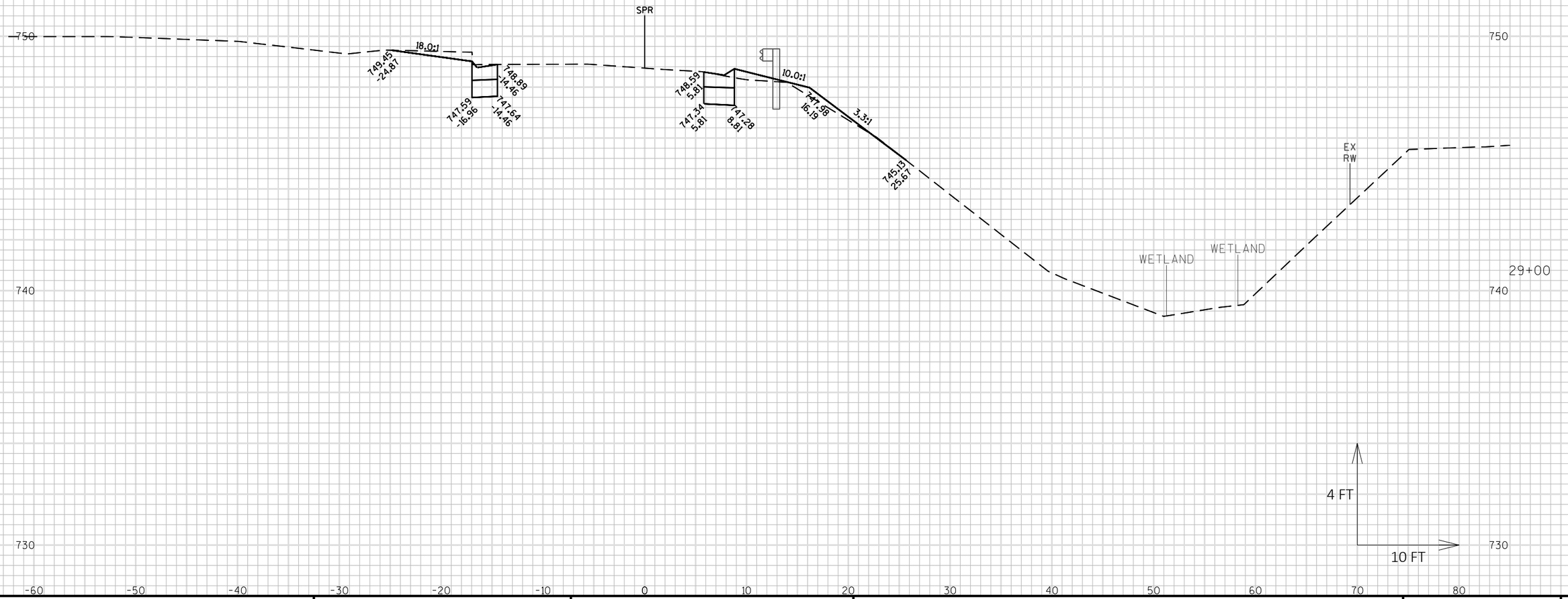
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

PRE_203

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090217_XS

PLOT DATE : 5/20/2019 10:55 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



9

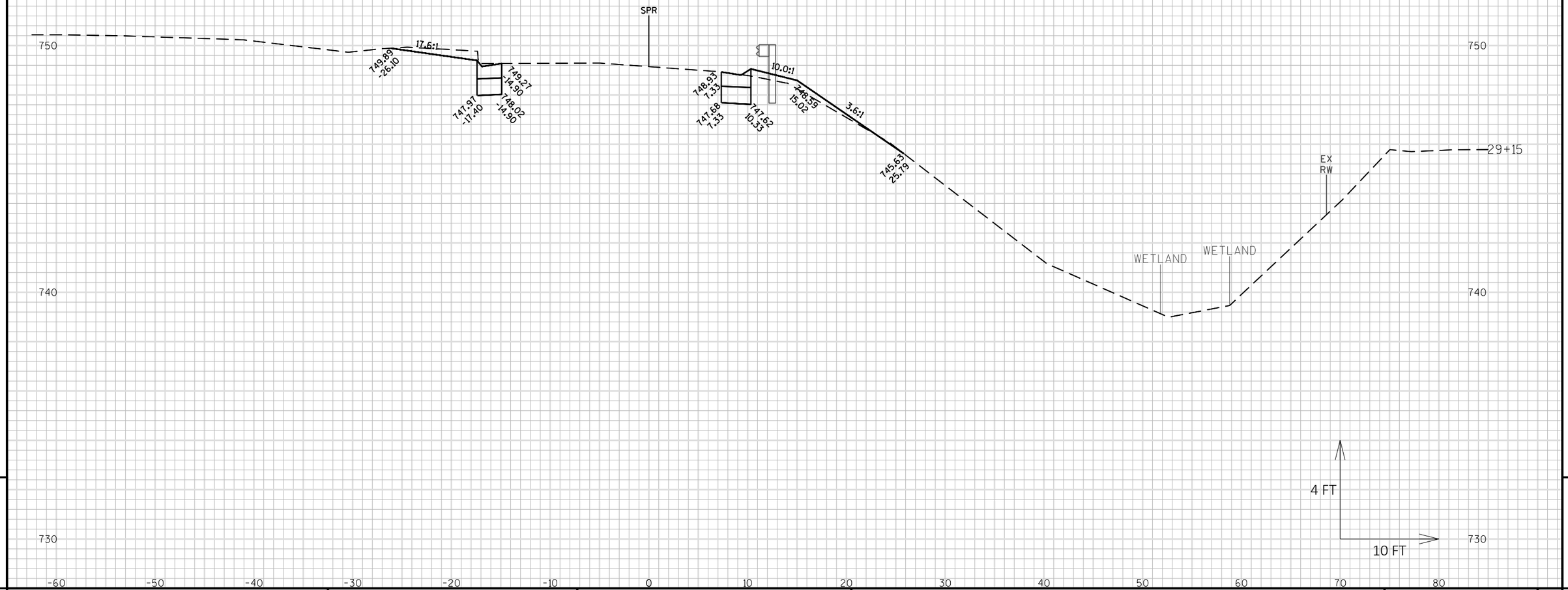
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

PRE_204

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090218_XS

PLOT DATE : 5/20/2019 10:55 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



9

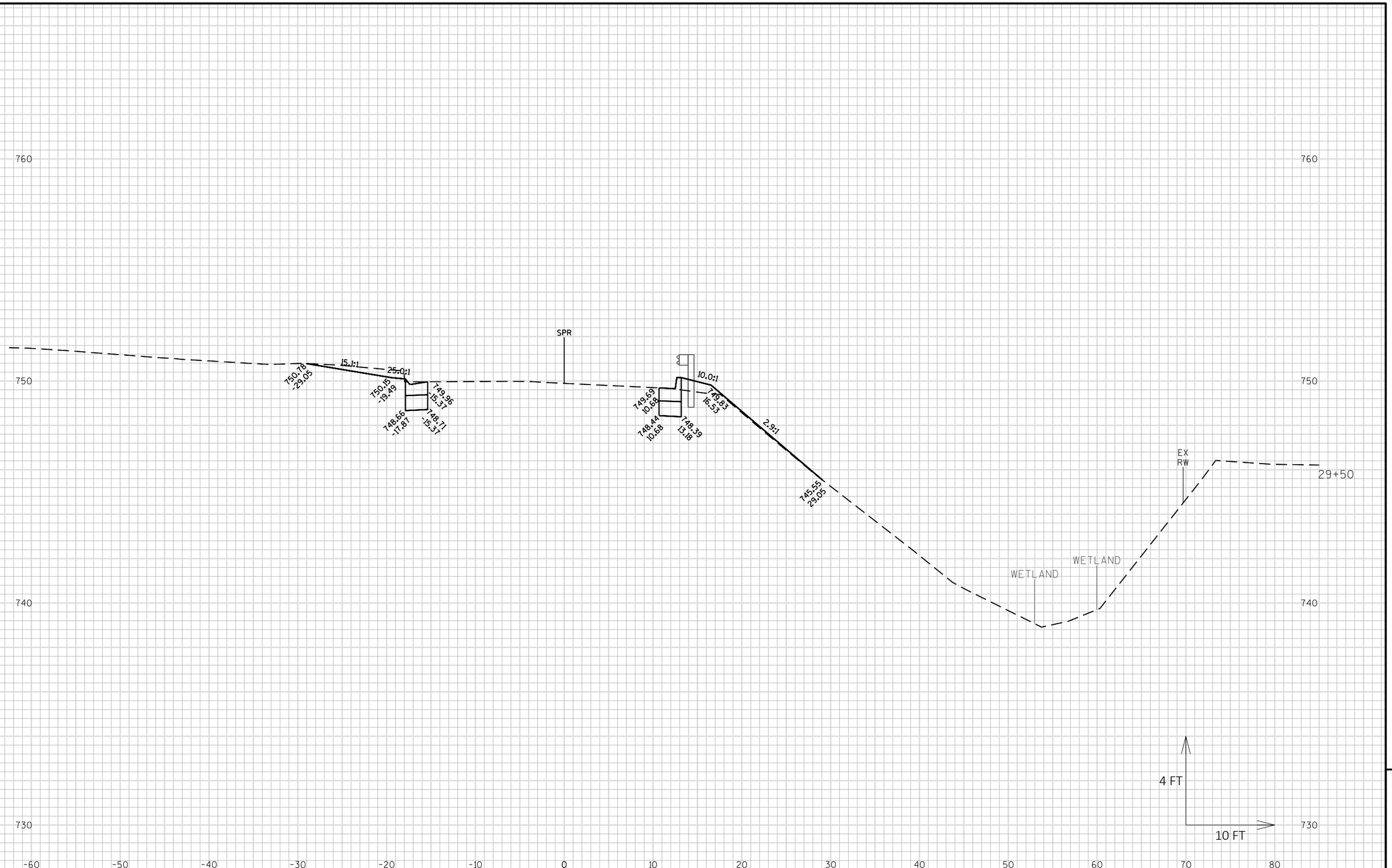
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090219_XS

PLOT DATE : 5/20/2019 10:55 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_205

WISDOT/CADDS SHEET 49



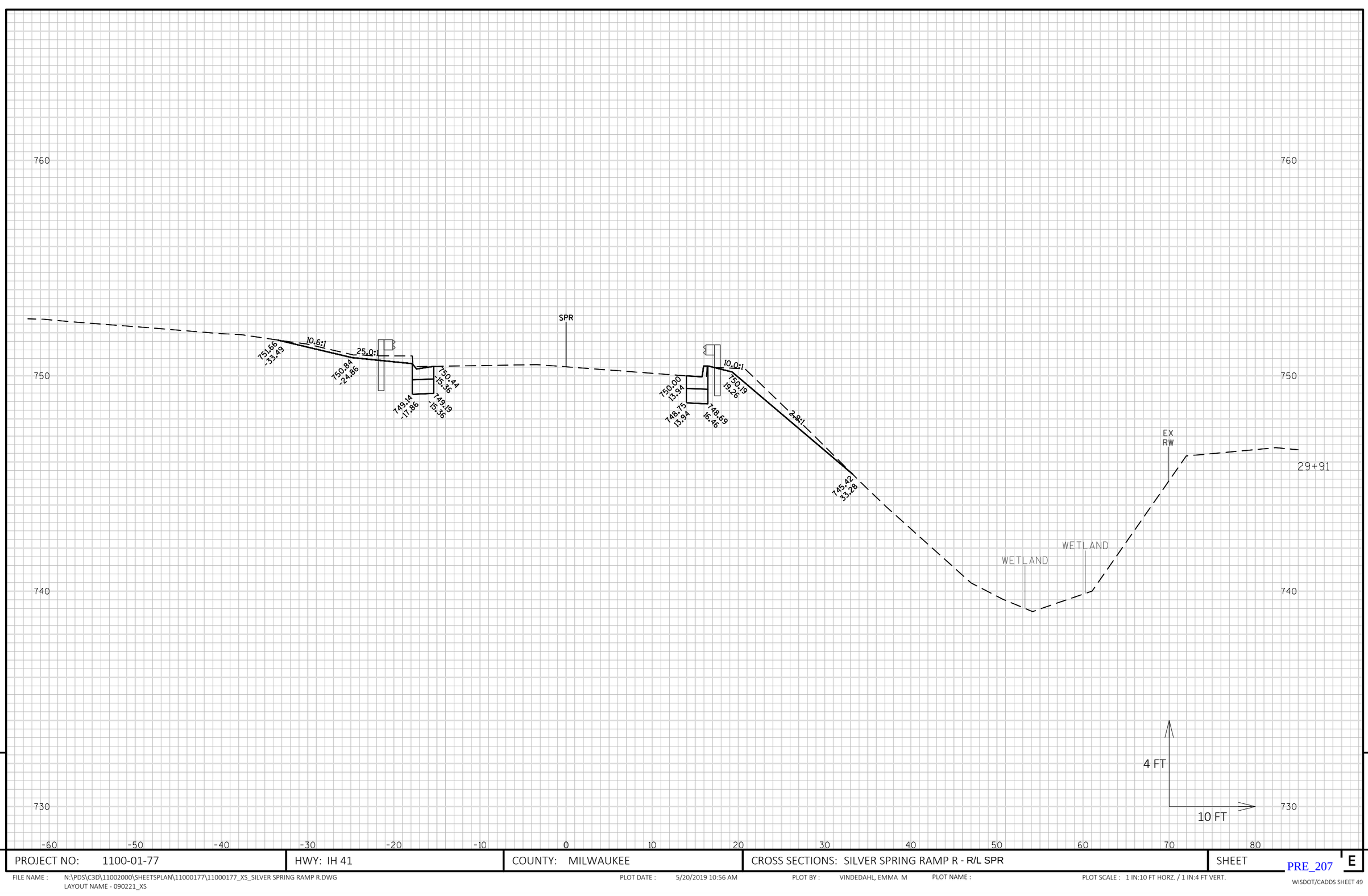
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090220_XS

PLOT DATE : 5/20/2019 10:56 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_206

WISDOT/CADDS SHEET 49



9

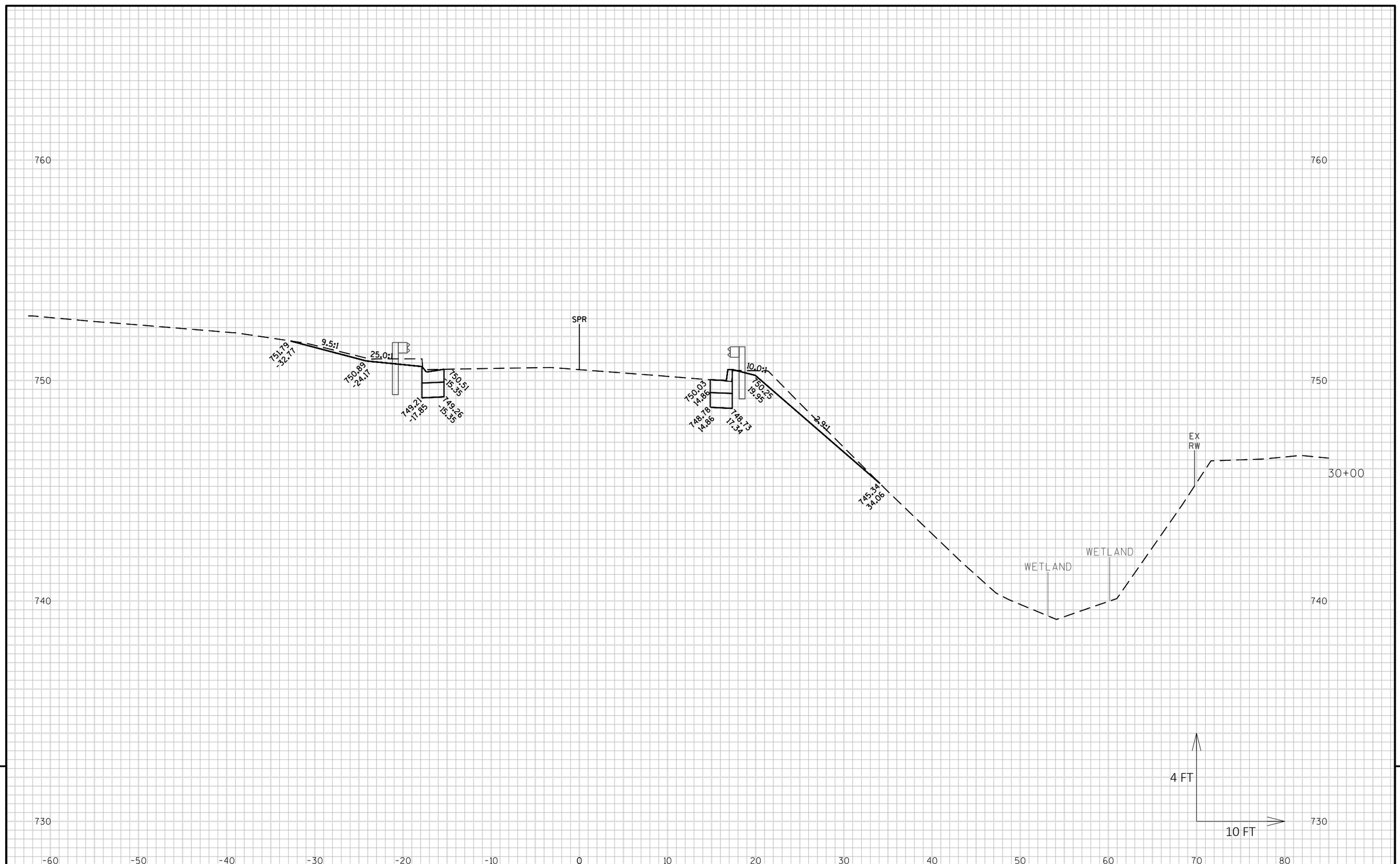
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090221_XS

PLOT DATE : 5/20/2019 10:56 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_207

WISDOT/CADDS SHEET 49



9

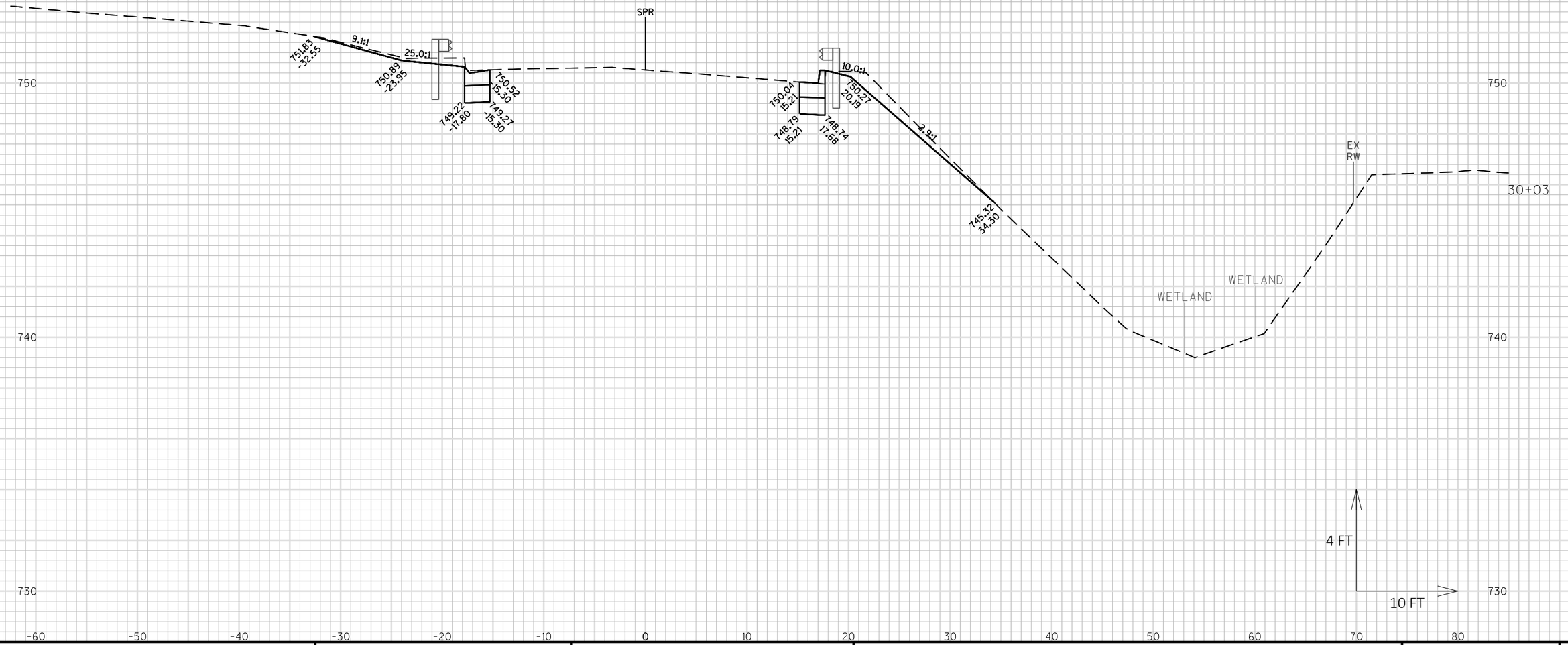
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090222_XS

PLOT DATE : 5/20/2019 10:57 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_208

WISDOT/CADDS SHEET 49



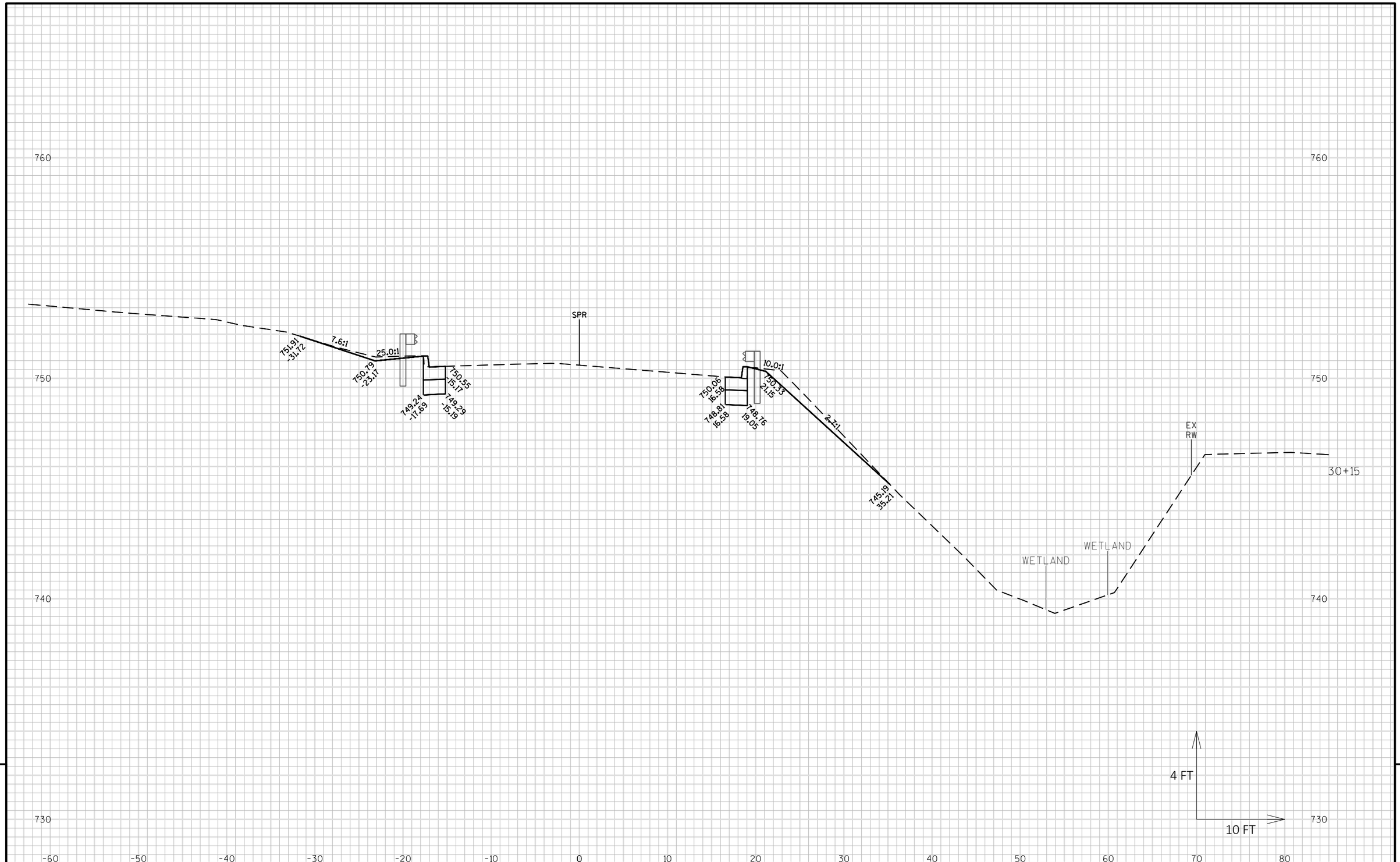
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090223_XS

PLOT DATE : 5/20/2019 10:57 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_209

WISDOT/CADDS SHEET 49



9

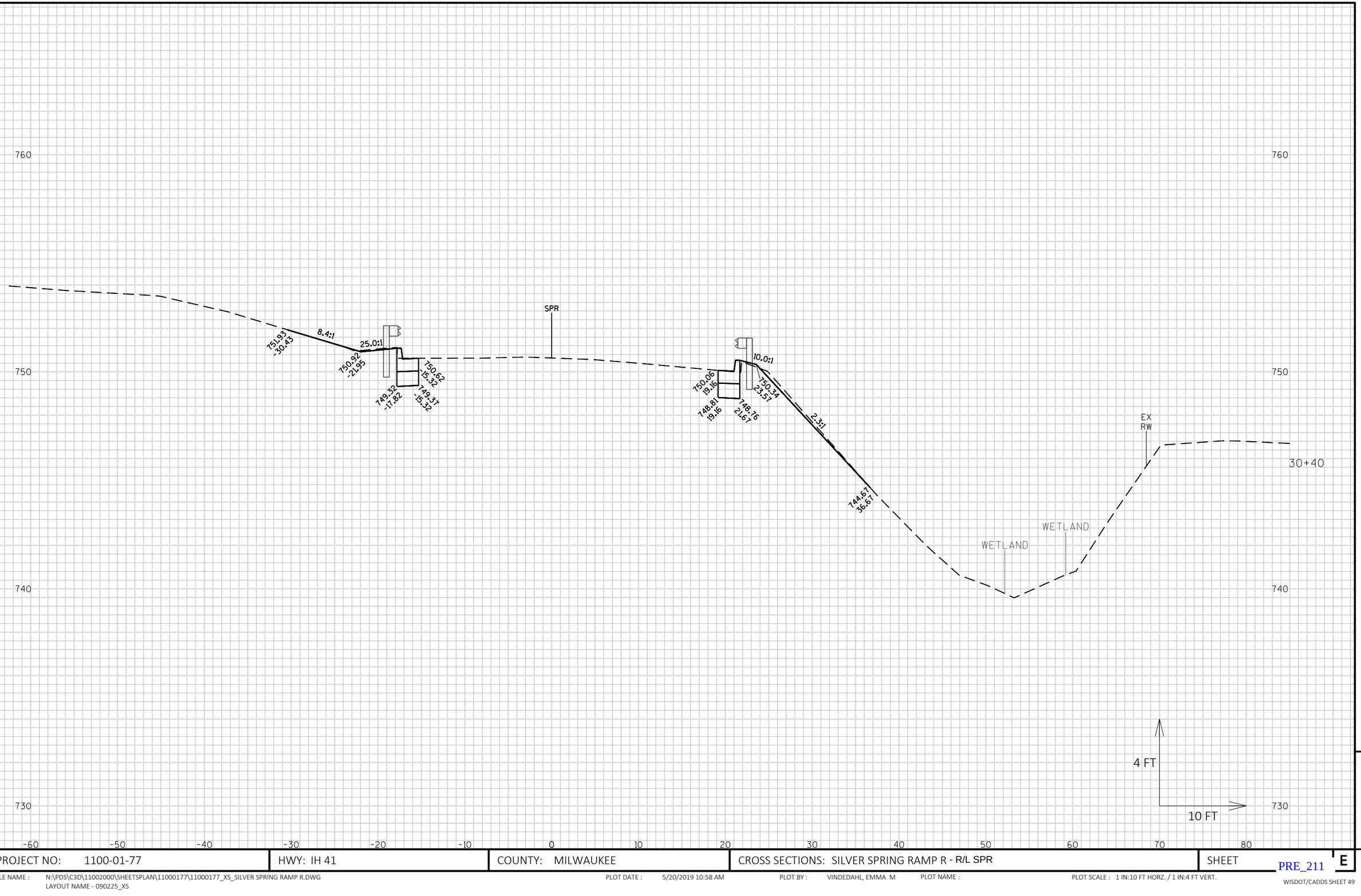
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090224_XS

PLOT DATE : 5/20/2019 10:58 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_210

WISDOT/CADDS SHEET 49



9

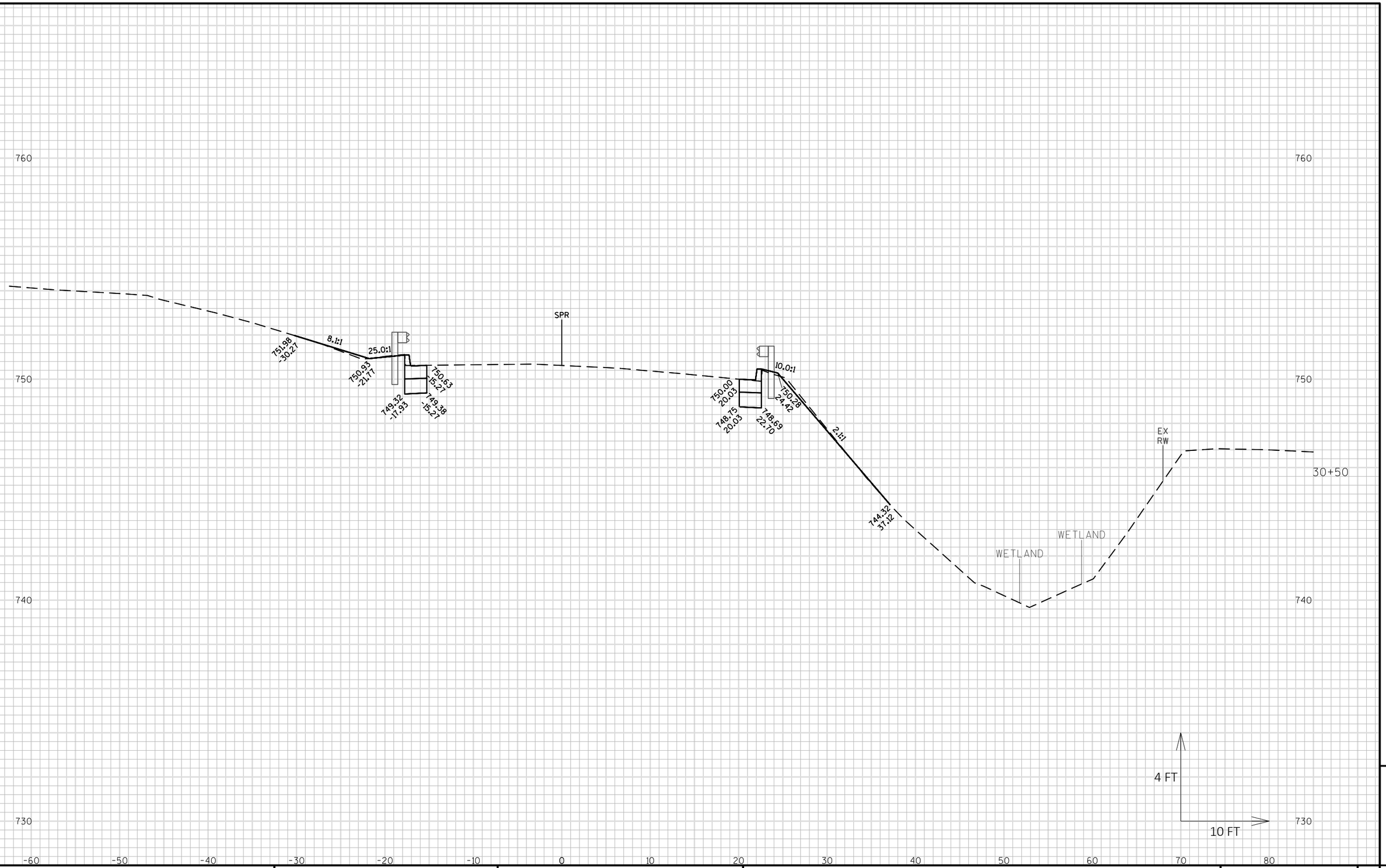
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090225_XS

PLOT DATE : 5/20/2019 10:58 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_211

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

PRE_212

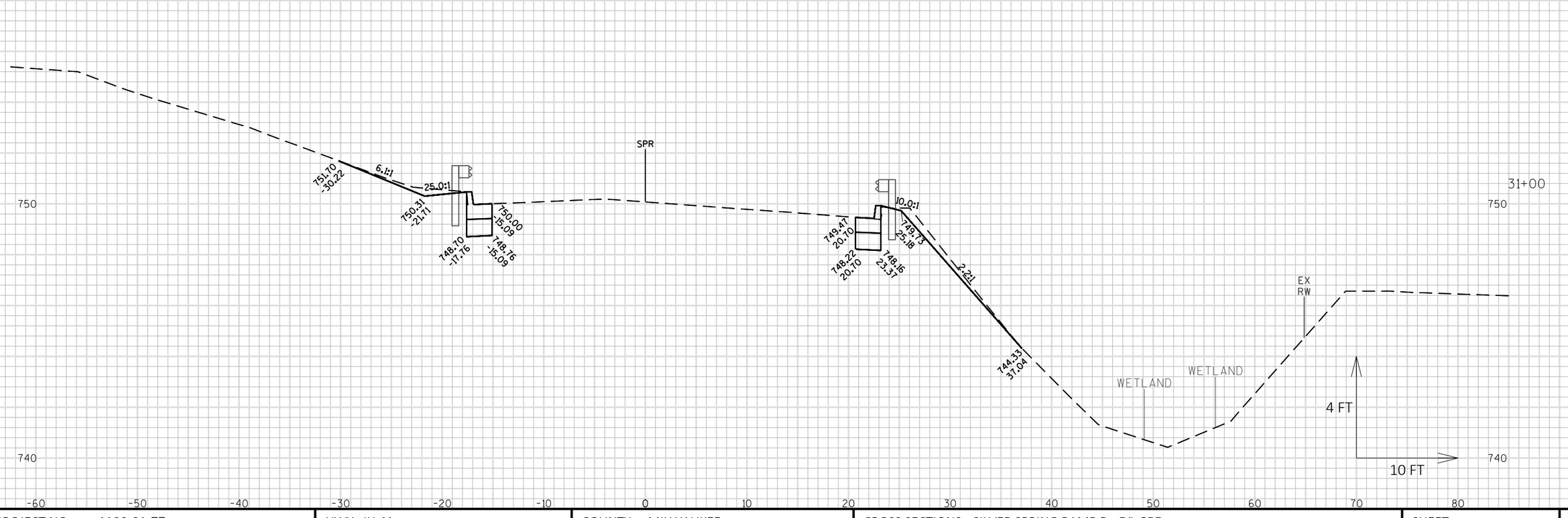
FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090226_XS

PLOT DATE : 5/20/2019 10:59 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49

760

760



9

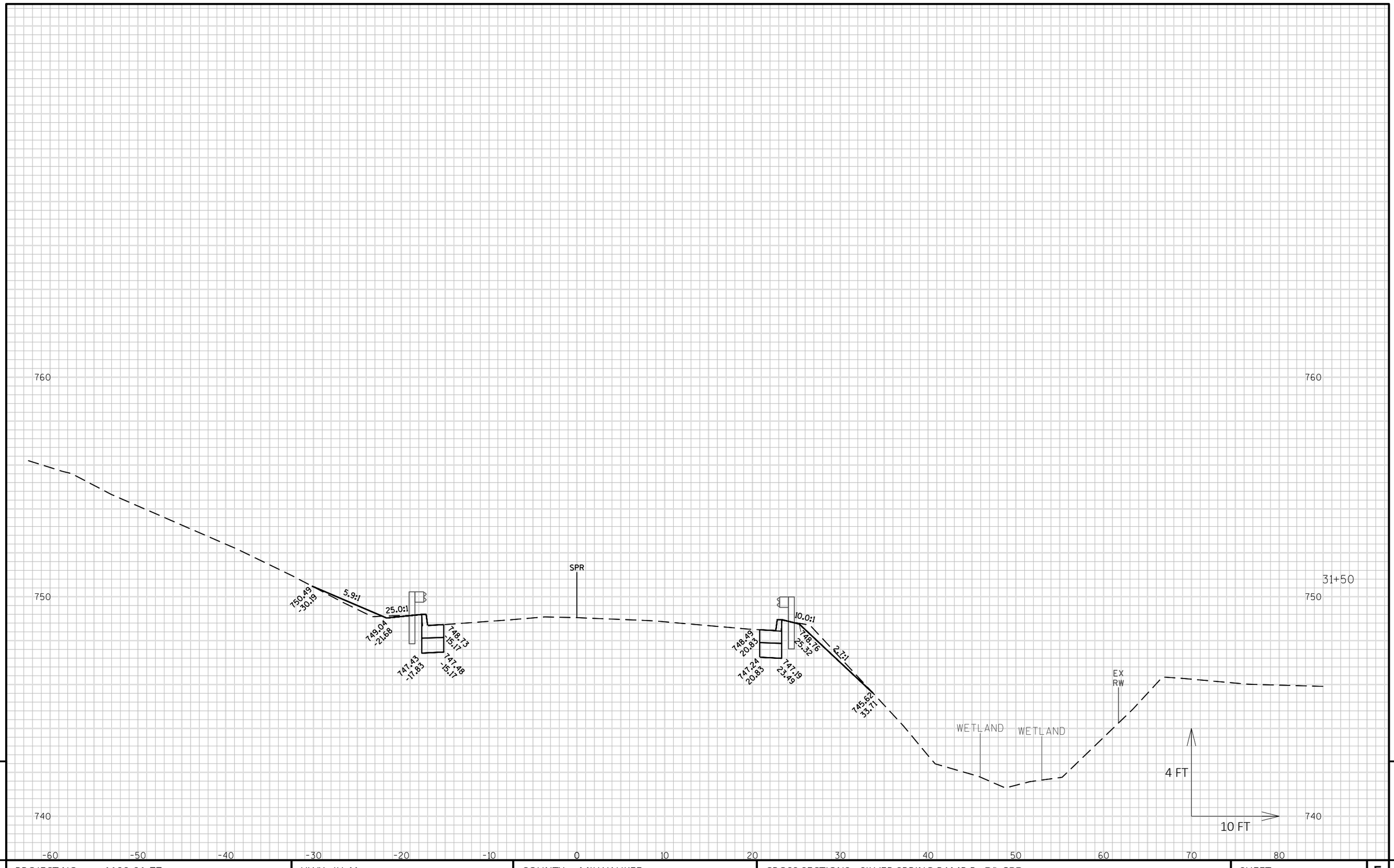
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET PRE_213 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090227_XS

PLOT DATE : 5/20/2019 10:59 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090228_XS

PLOT DATE : 5/20/2019 11:00 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_214

WISDOT/CADDS SHEET 49

760

760

750

740

SPR

750.03
-30.18

6.3:1

25.0:1

748.68
-21.67

748.37
-15.17

747.07
-17.84

741.12
-15.17

748.25
20.85

747.00
20.85

10.0:1

748.51
25.35

746.94
23.52

2.6:1

745.55
33.10

WETLAND

WETLAND

EX
RW

31+59

4 FT

10 FT

-60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80

9

9

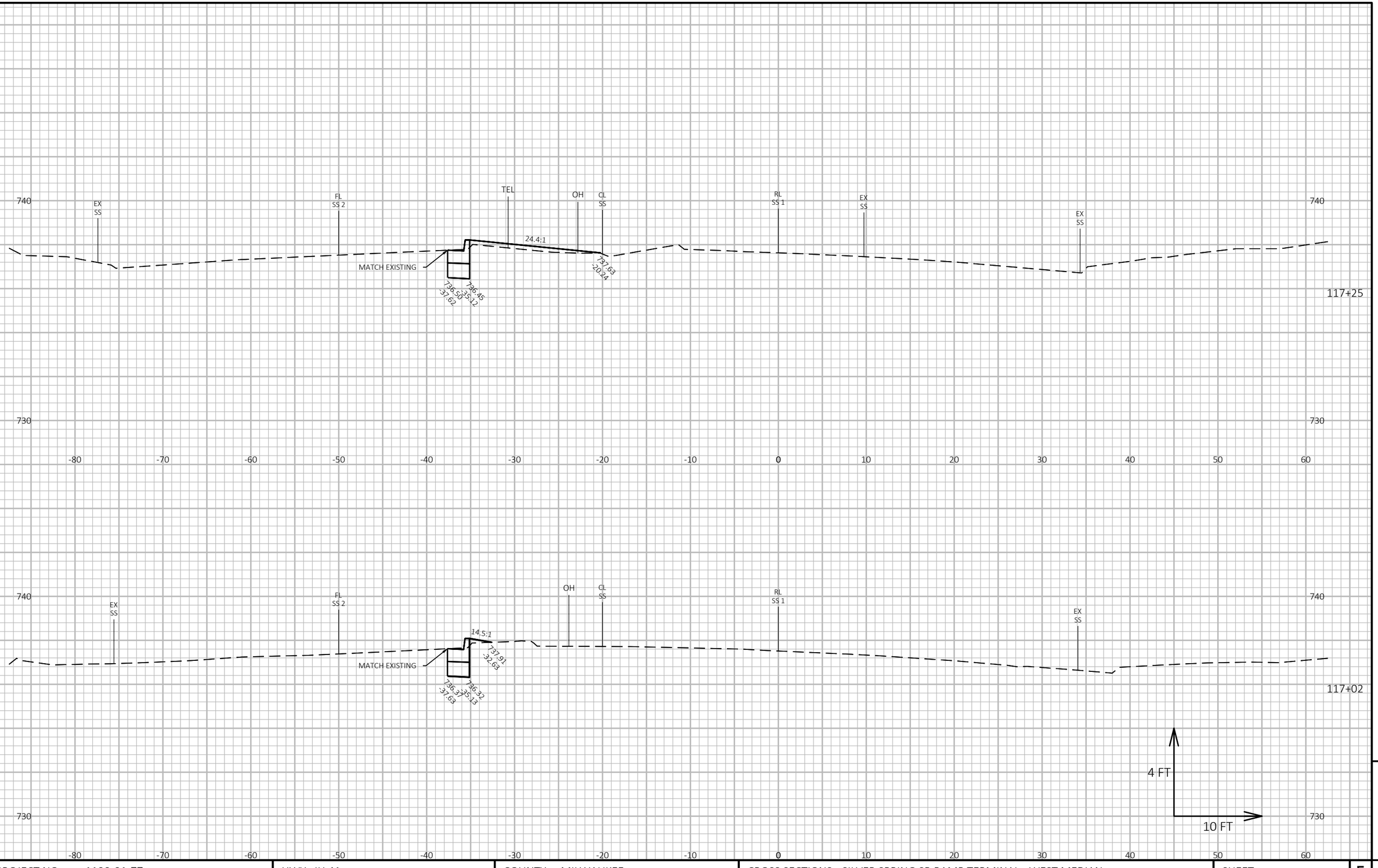
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING RAMP R - R/L SPR	SHEET E

PRE_215

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING RAMP R.DWG
LAYOUT NAME - 090229_XS

PLOT DATE : 5/20/2019 11:00 AM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING SB RAMP TERMINAL - WEST MEDIAN	SHEET E

PRE_216

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090201_XS SS Median

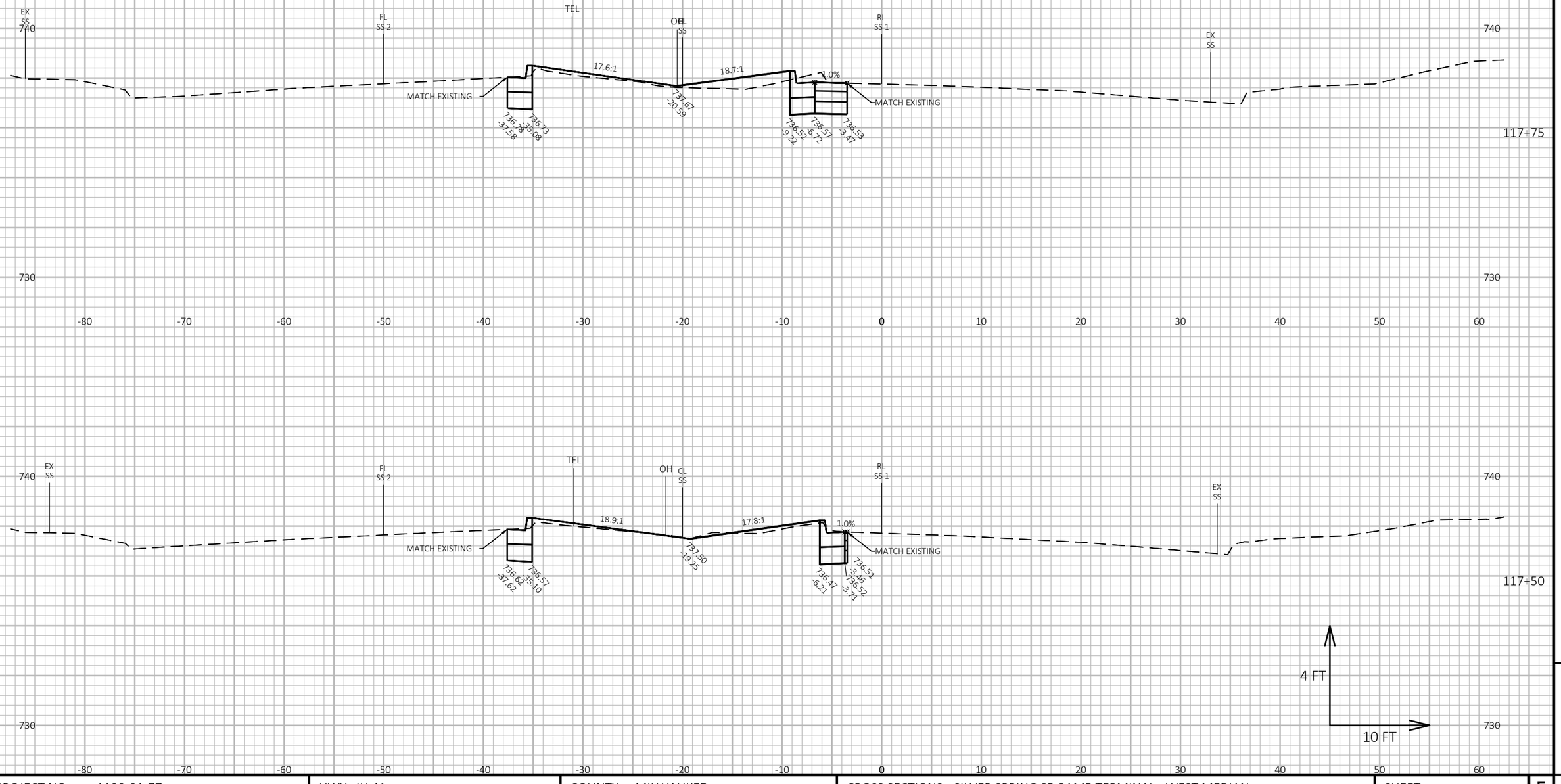
PLOT DATE : 5/3/2019 3:14 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



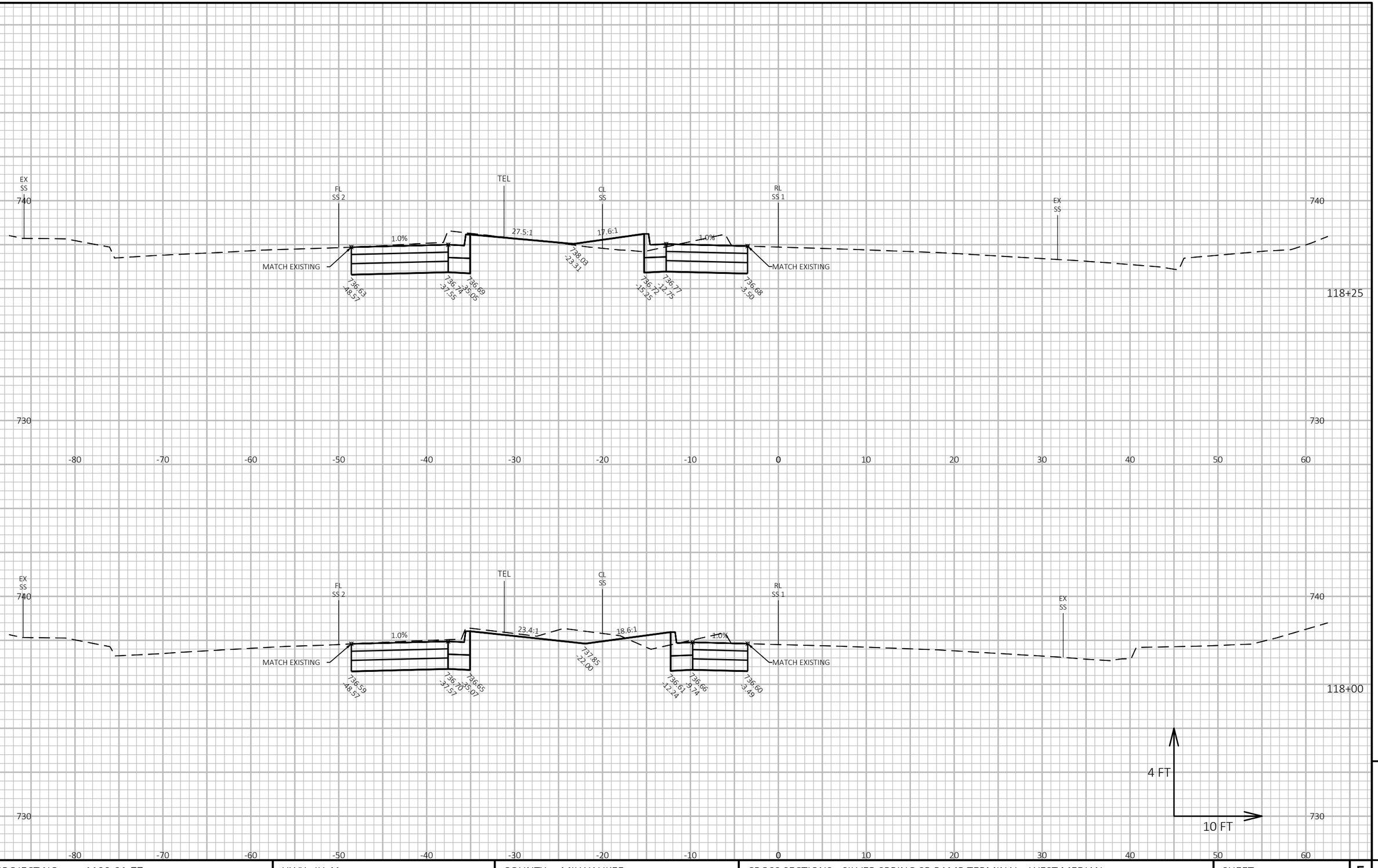
9 9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING SB RAMP TERMINAL - WEST MEDIAN	SHEET E

PRE_217

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090202_XS SS Median

PLOT DATE : 5/3/2019 3:15 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING SB RAMP TERMINAL - WEST MEDIAN	SHEET E

PRE_218

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090203_XS SS Median

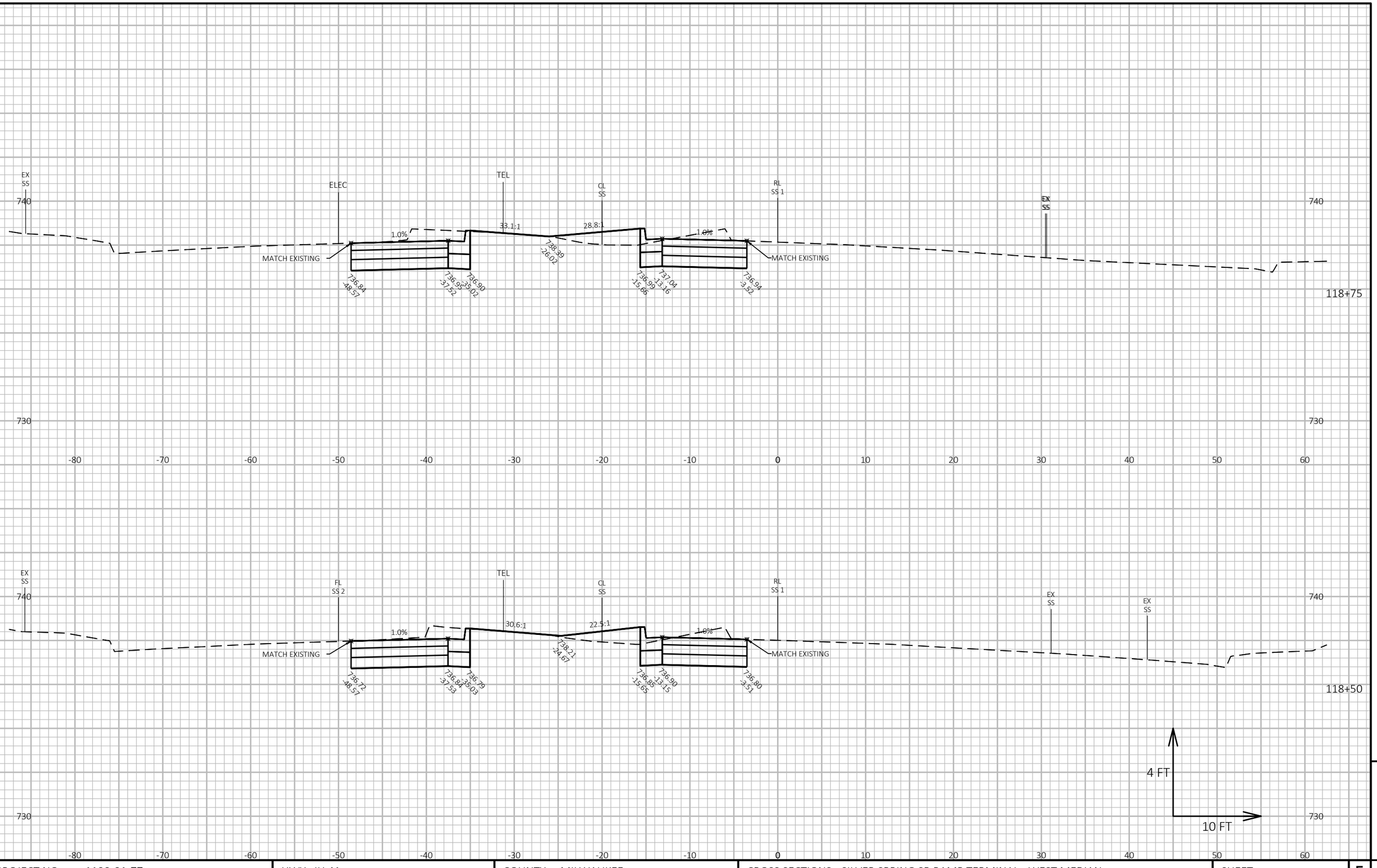
PLOT DATE : 5/3/2019 3:15 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING SB RAMP TERMINAL - WEST MEDIAN	SHEET E

PRE_219

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090204_XS SS Median

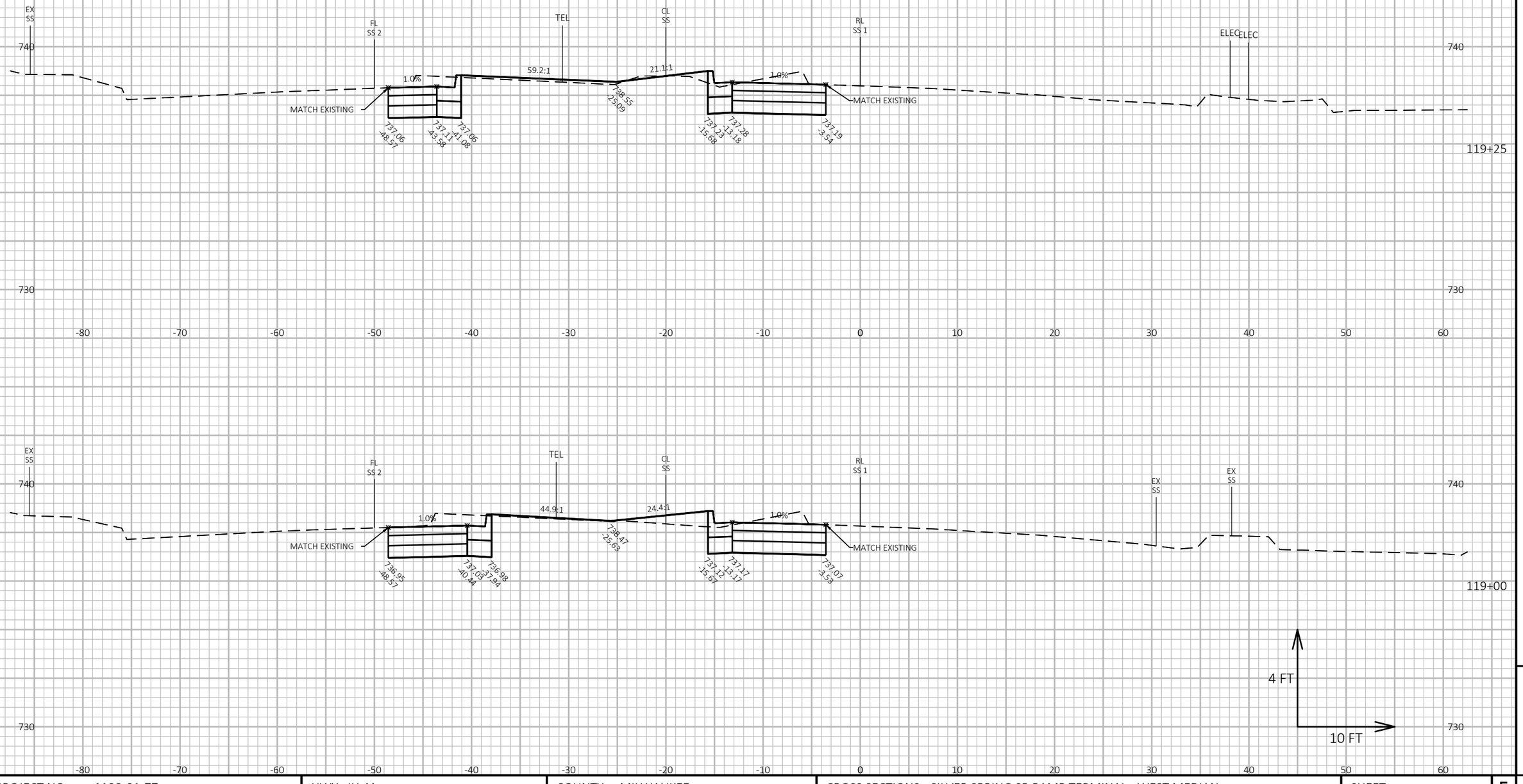
PLOT DATE : 5/3/2019 3:16 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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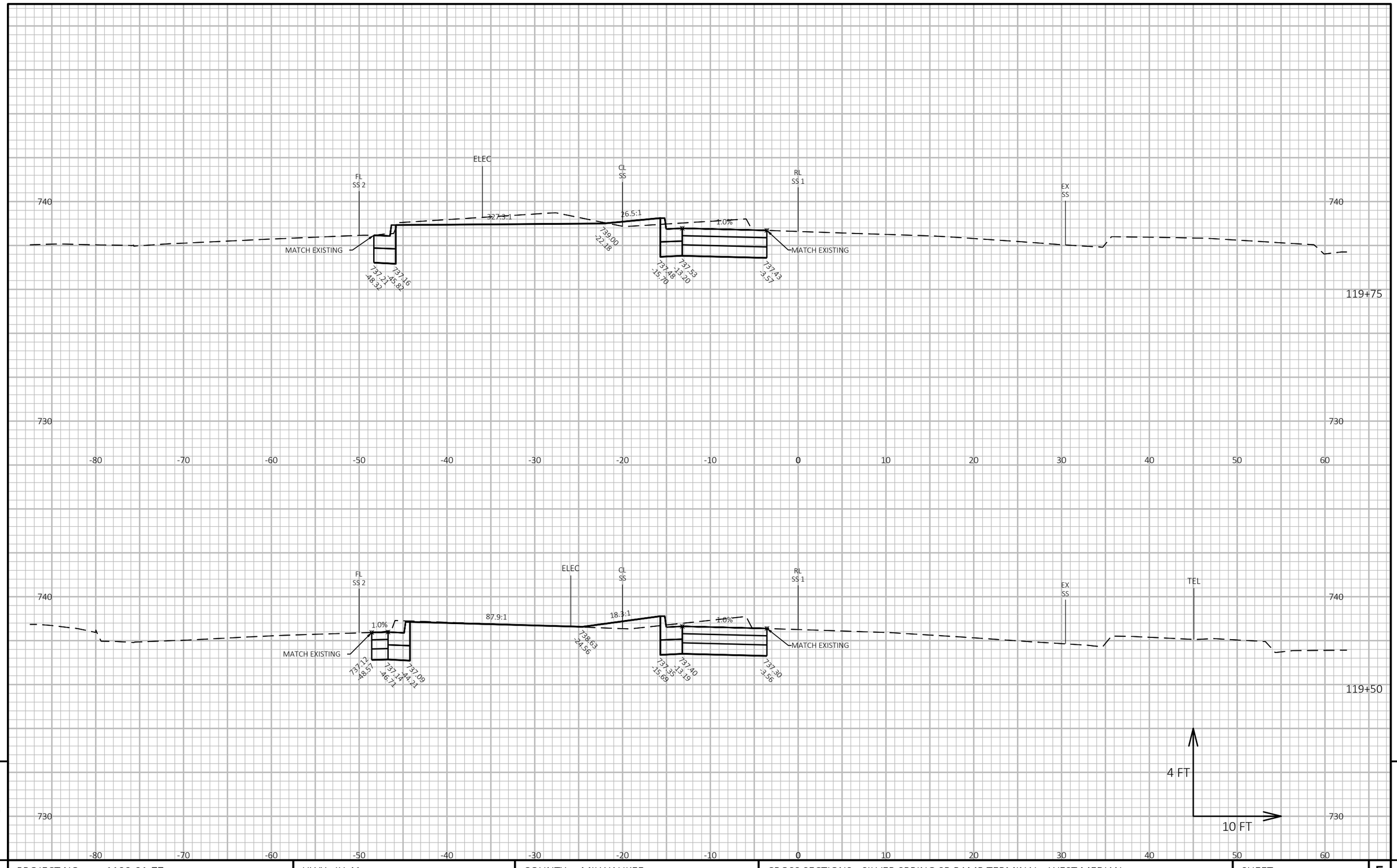
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING SB RAMP TERMINAL - WEST MEDIAN	SHEET E

PRE_220

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090205_XS SS Median

PLOT DATE : 5/3/2019 3:16 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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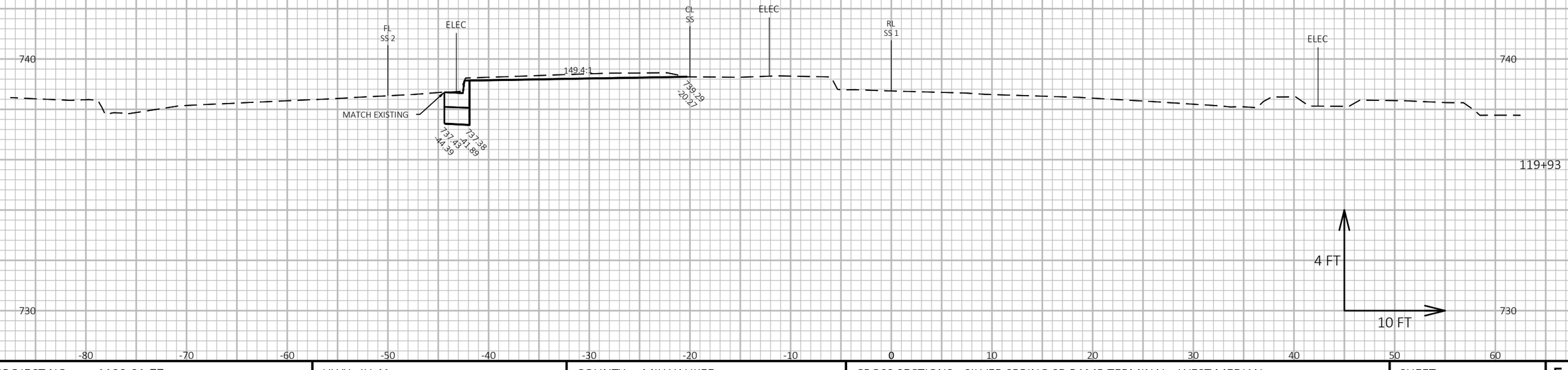
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING SB RAMP TERMINAL - WEST MEDIAN	SHEET E

PRE_221

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090206_XS SS Median

PLOT DATE : 5/3/2019 3:17 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING SB RAMP TERMINAL - WEST MEDIAN	SHEET E

PRE_222

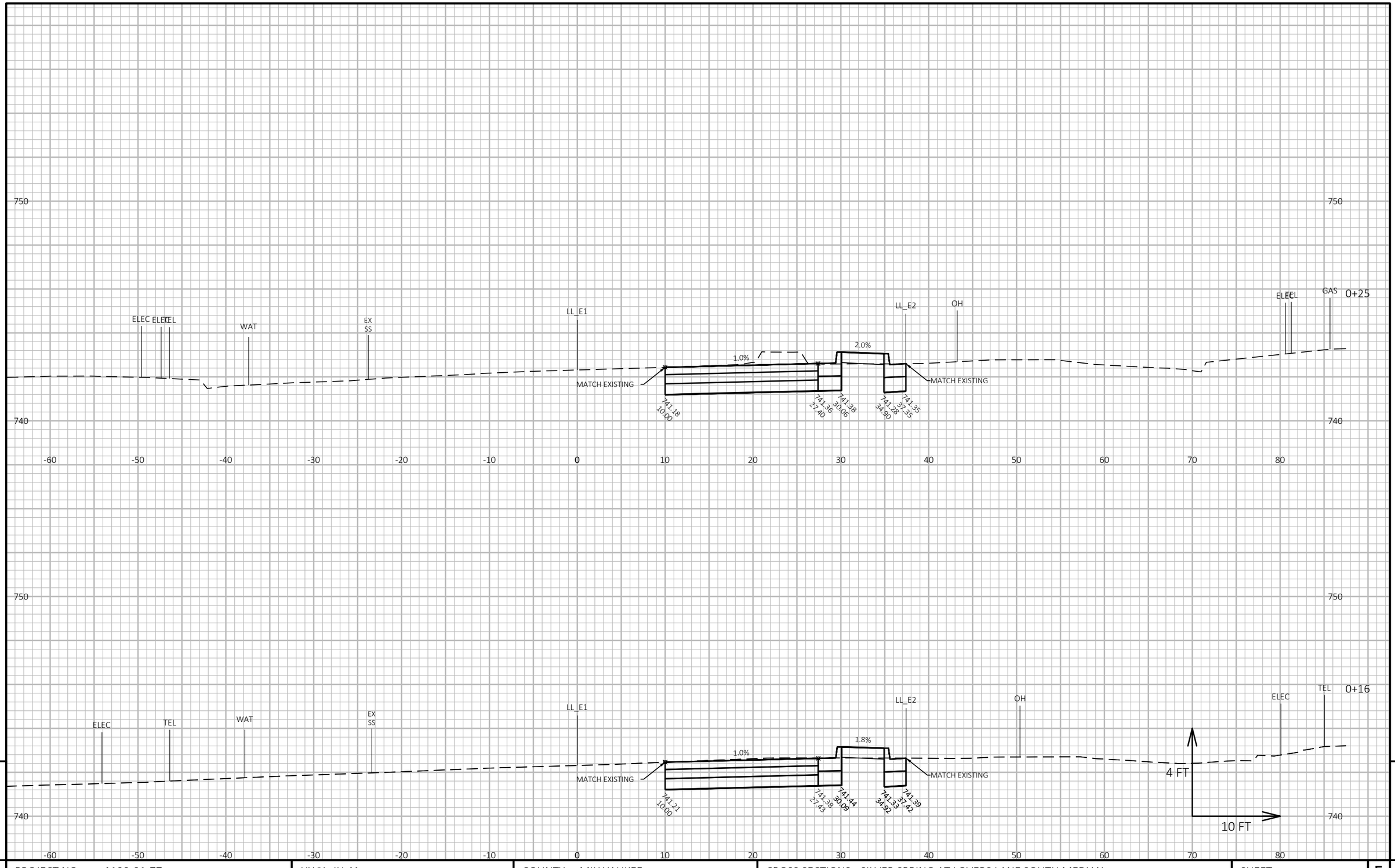
FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090207_XS SS Median

PLOT DATE : 5/3/2019 3:17 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



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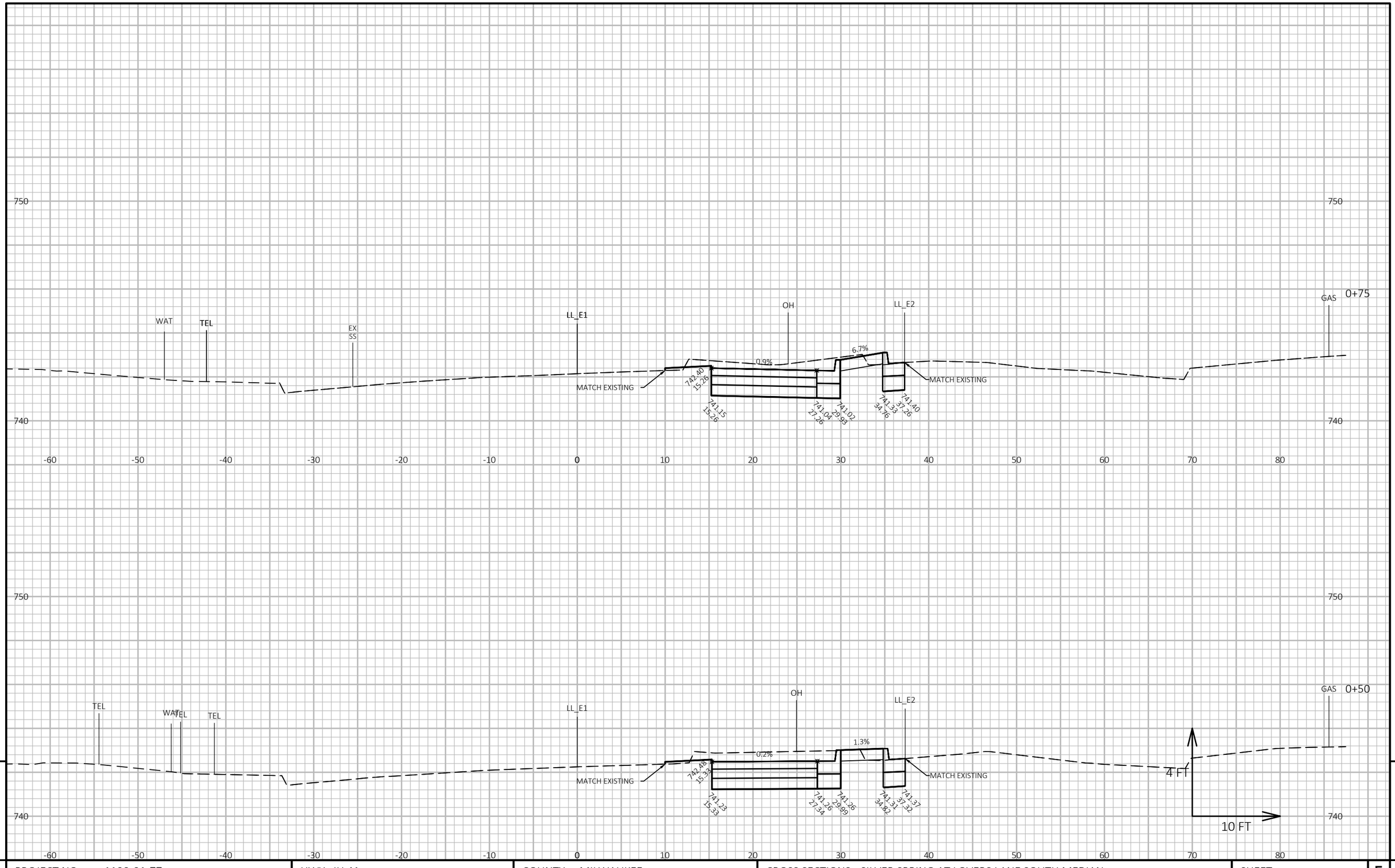
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET E

PRE_223

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090201_XS South

PLOT DATE : 5/9/2019 2:42 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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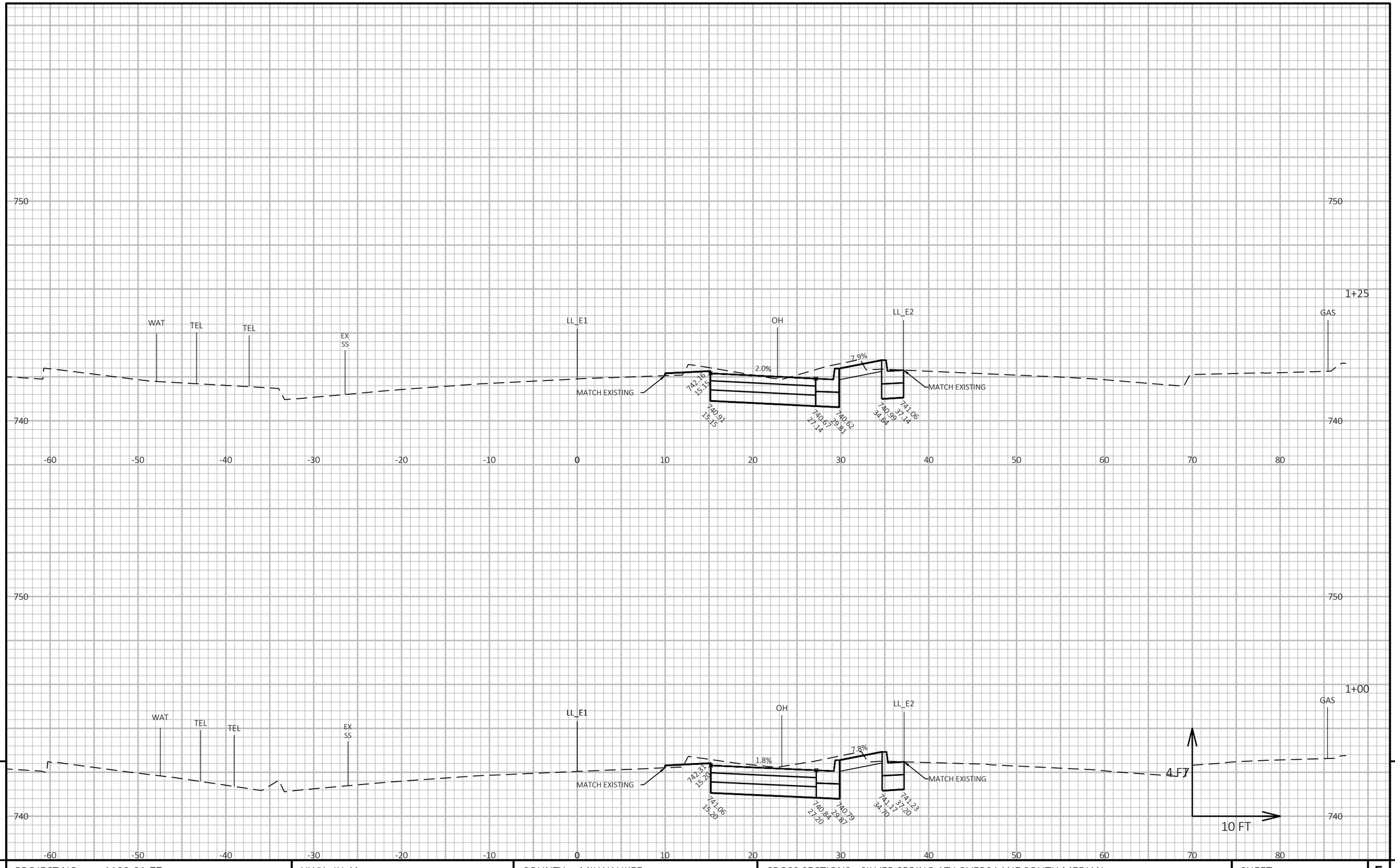
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET E

PRE_224

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090202_XS South

PLOT DATE : 5/9/2019 2:43 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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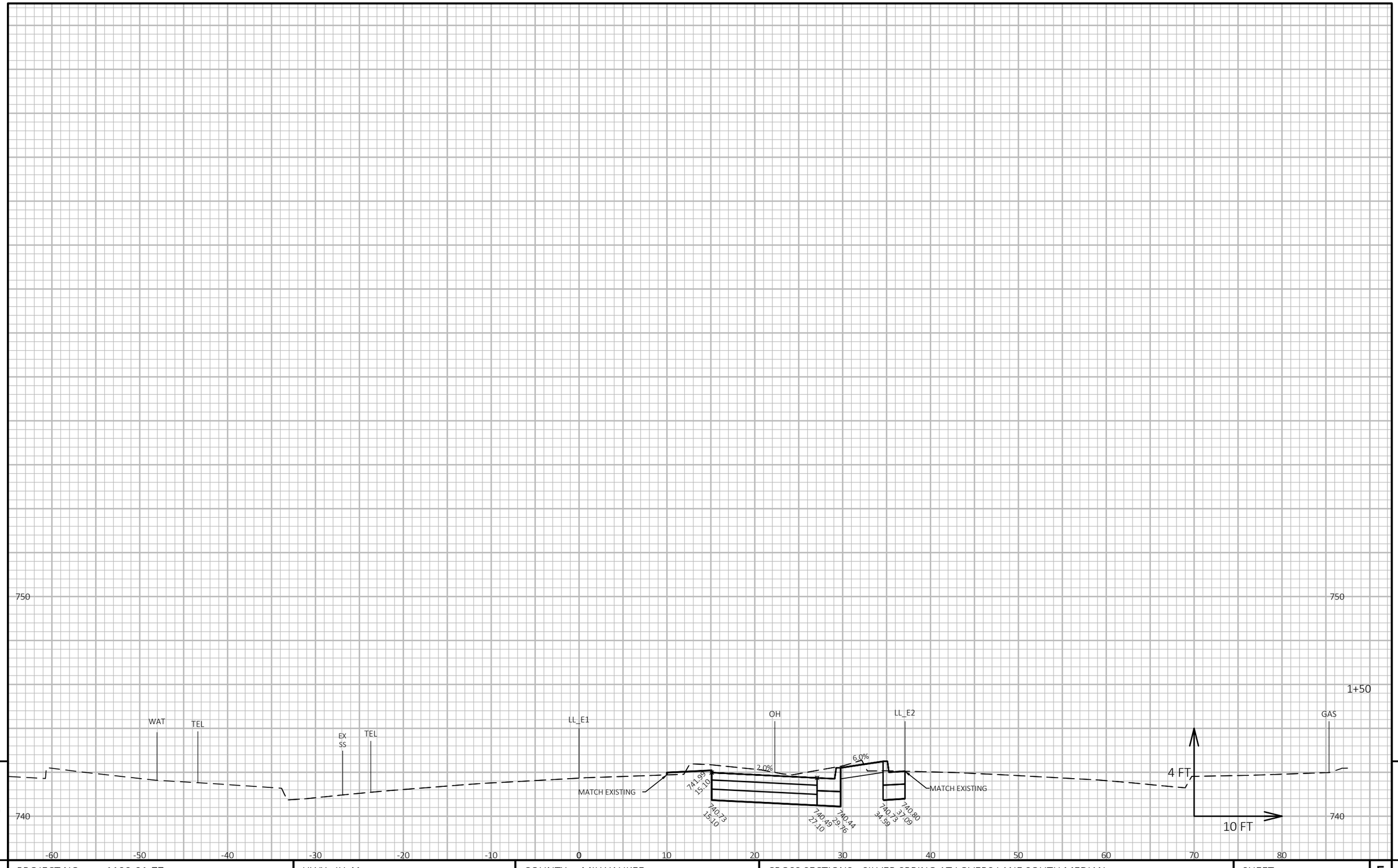
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET E

PRE_225

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090203_XS South

PLOT DATE : 5/9/2019 2:43 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET

PRE_226

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FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090204_XS South

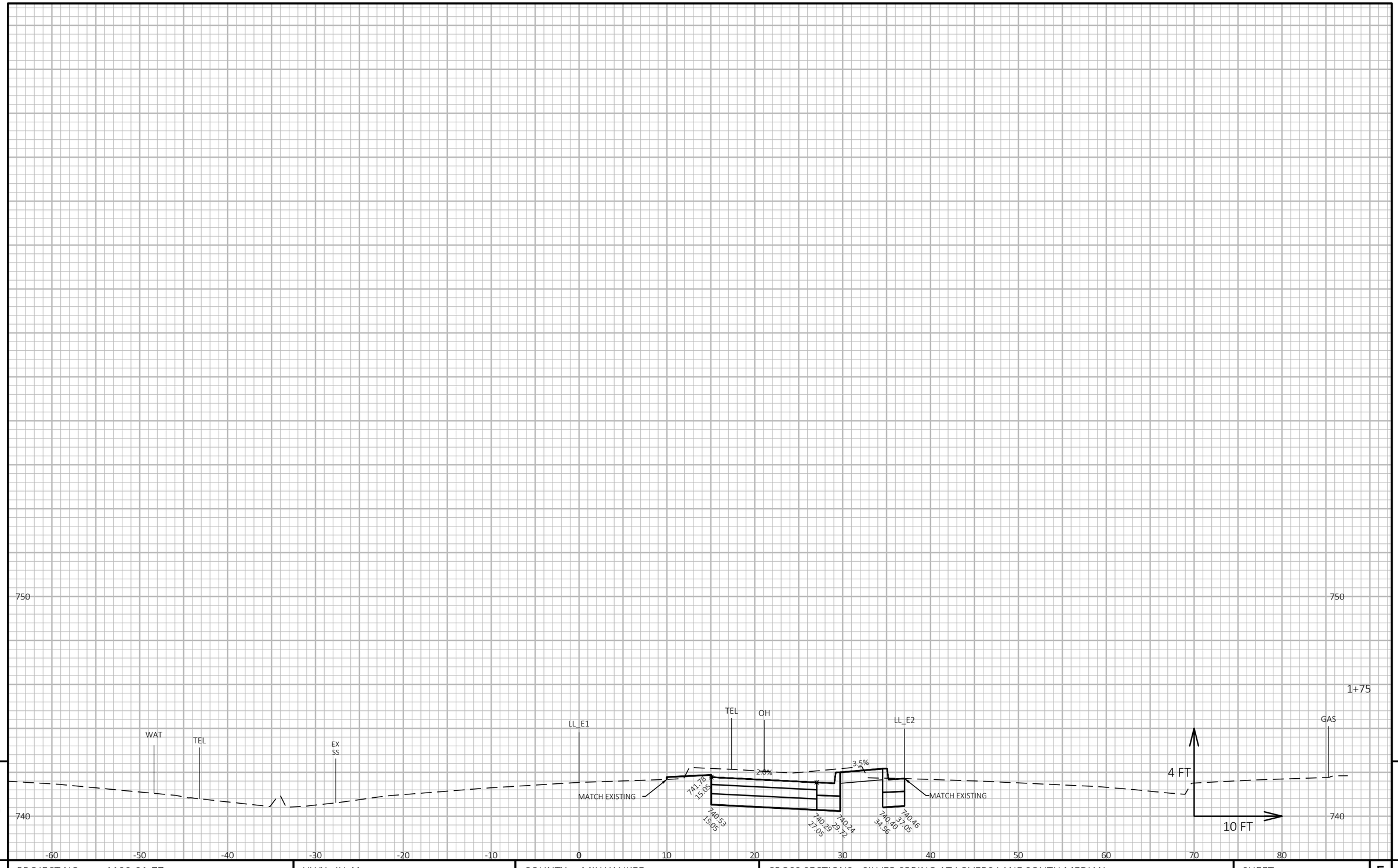
PLOT DATE : 5/9/2019 2:44 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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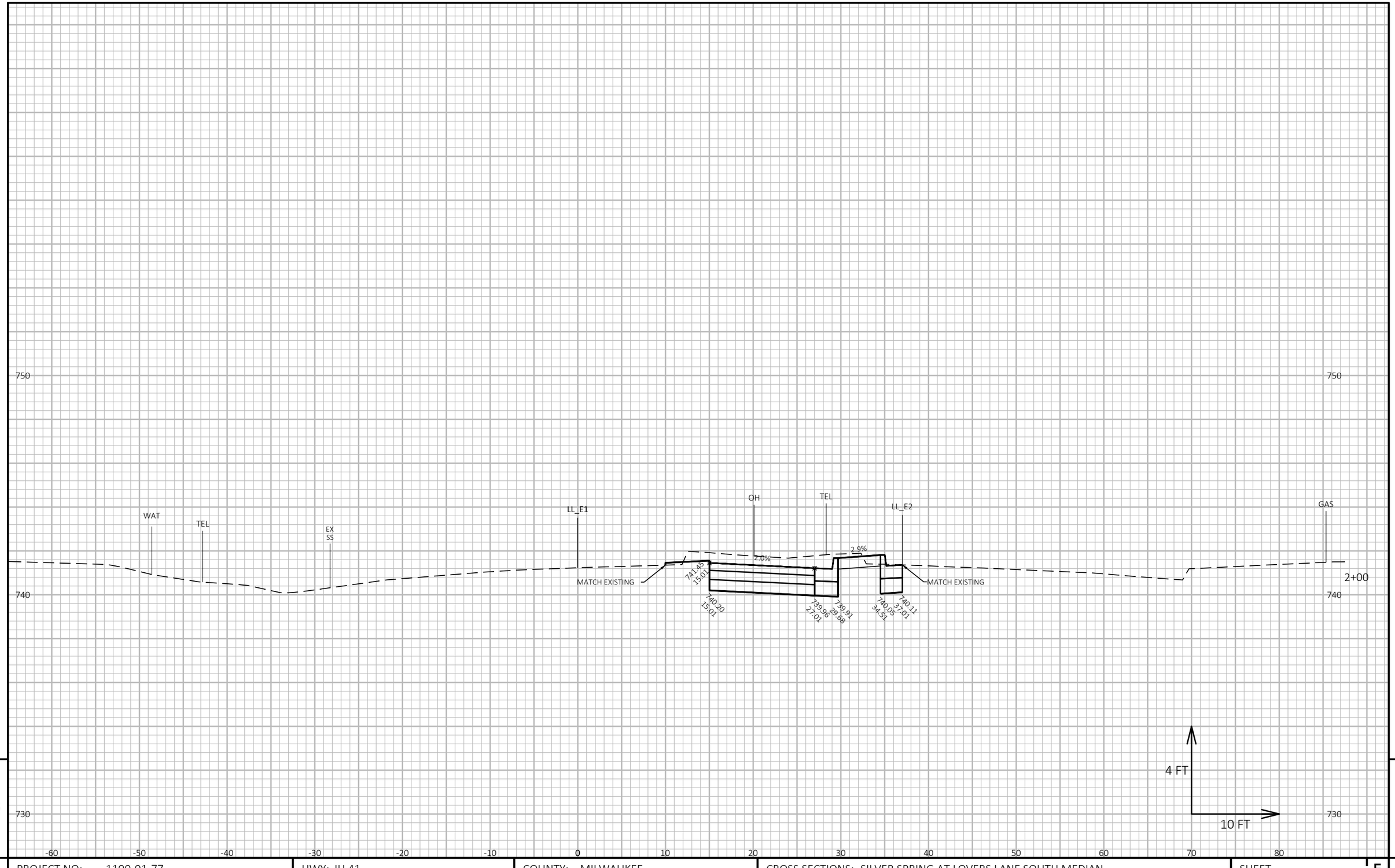
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET E

PRE_227

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090205_XS South

PLOT DATE : 5/9/2019 2:44 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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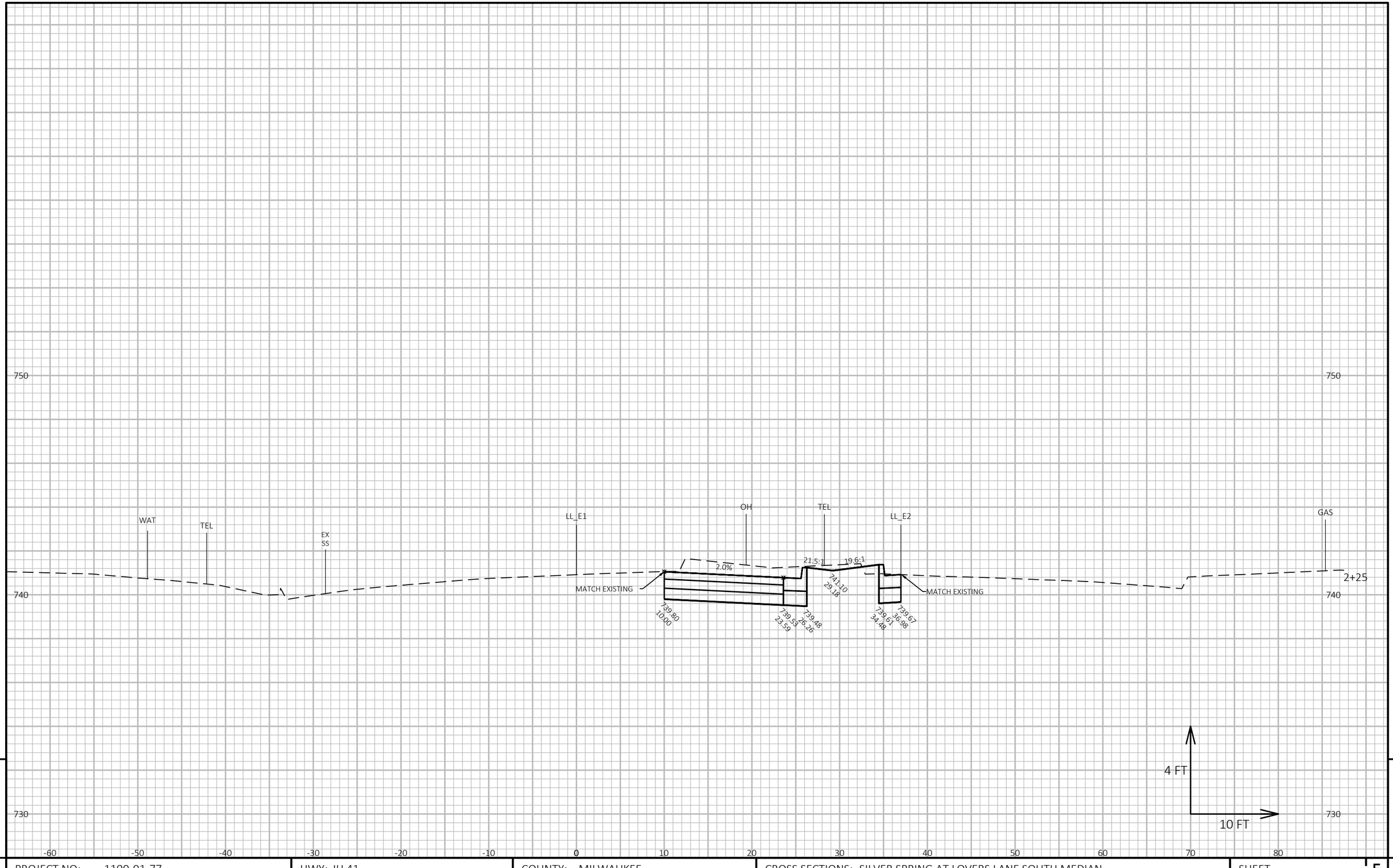
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET E

PRE_228

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090206_XS South

PLOT DATE : 5/9/2019 2:45 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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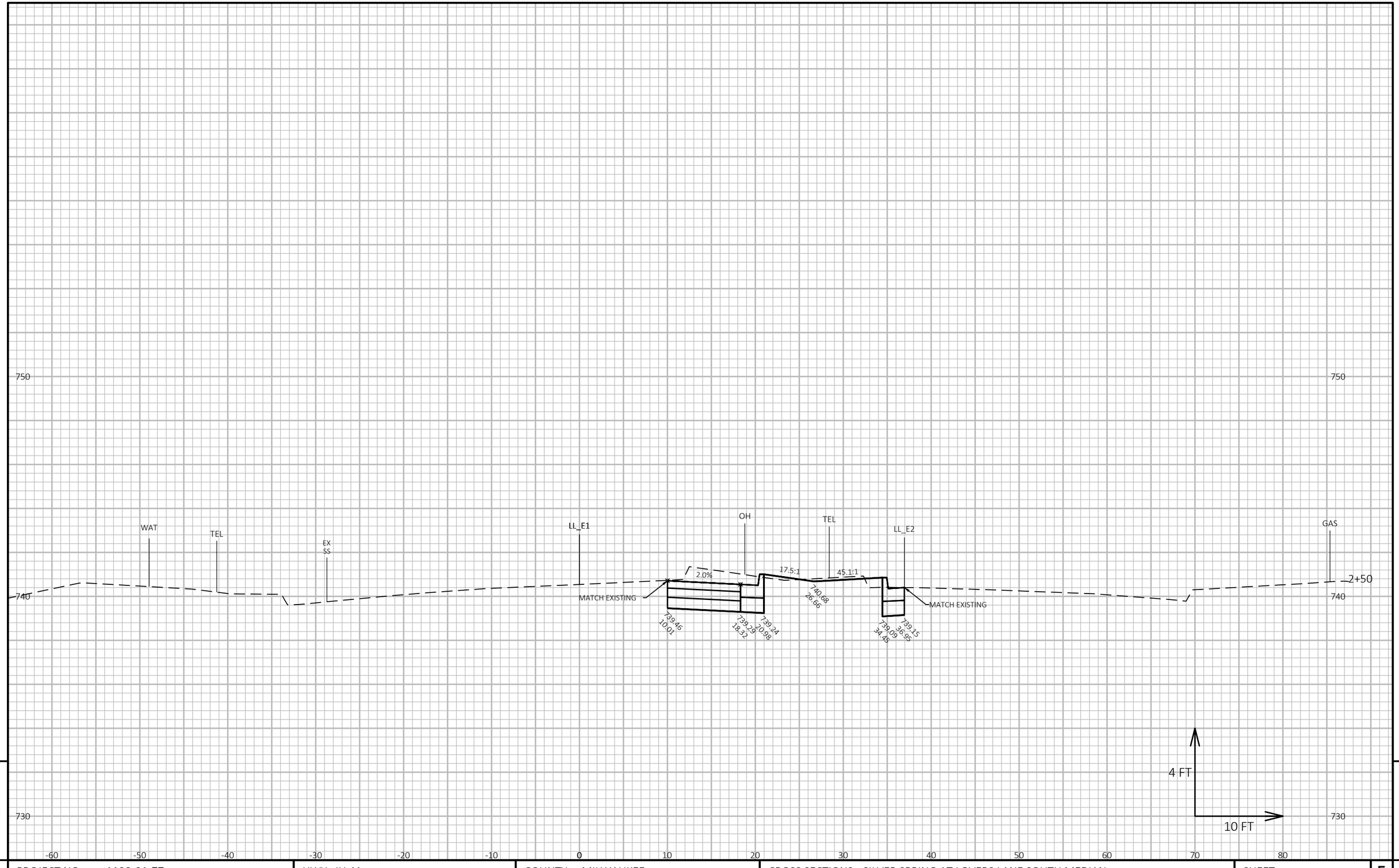
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET E

PRE_229

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090207_XS South

PLOT DATE : 5/9/2019 2:45 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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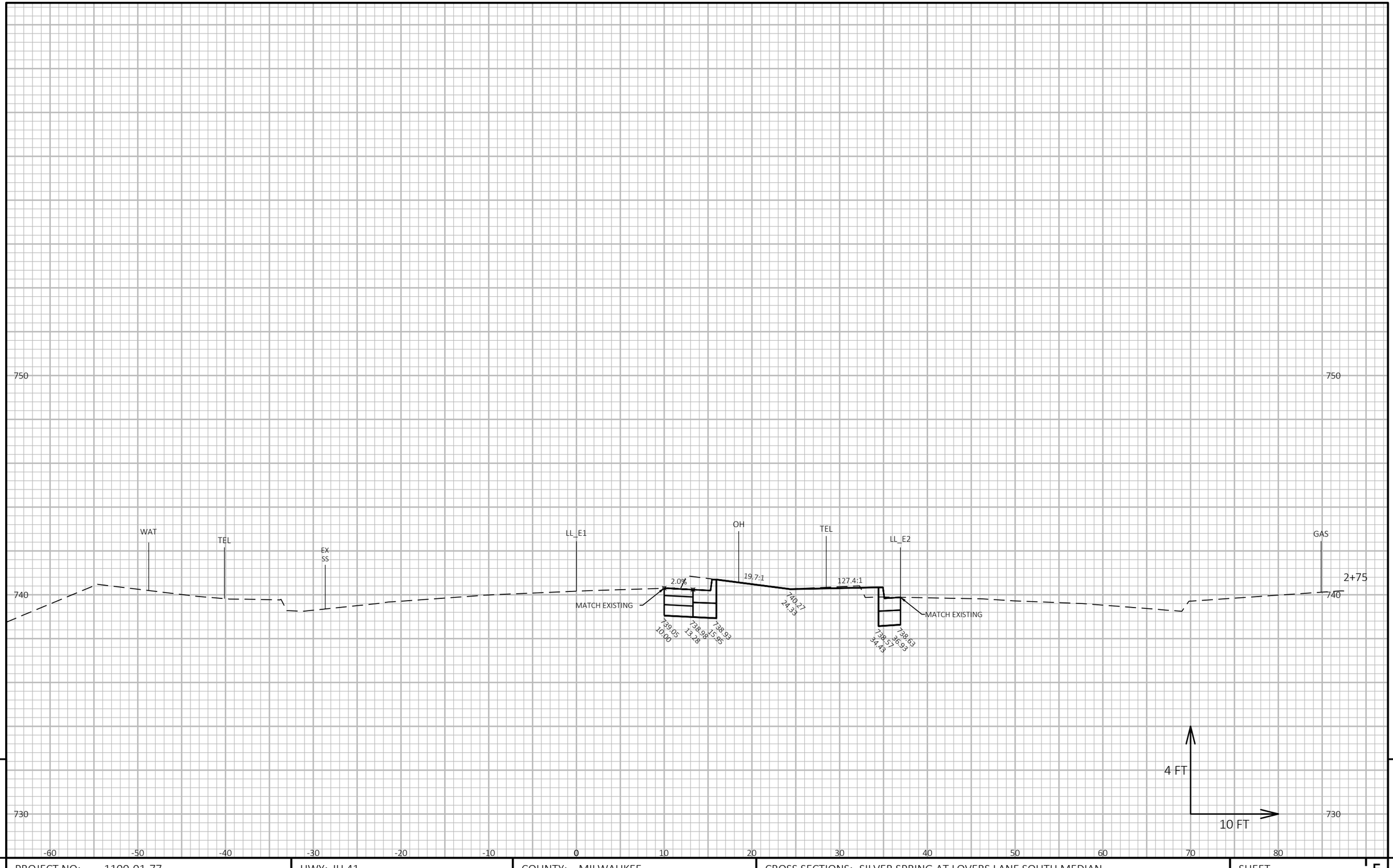
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET PRE_230 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090208_XS South

PLOT DATE : 5/9/2019 2:46 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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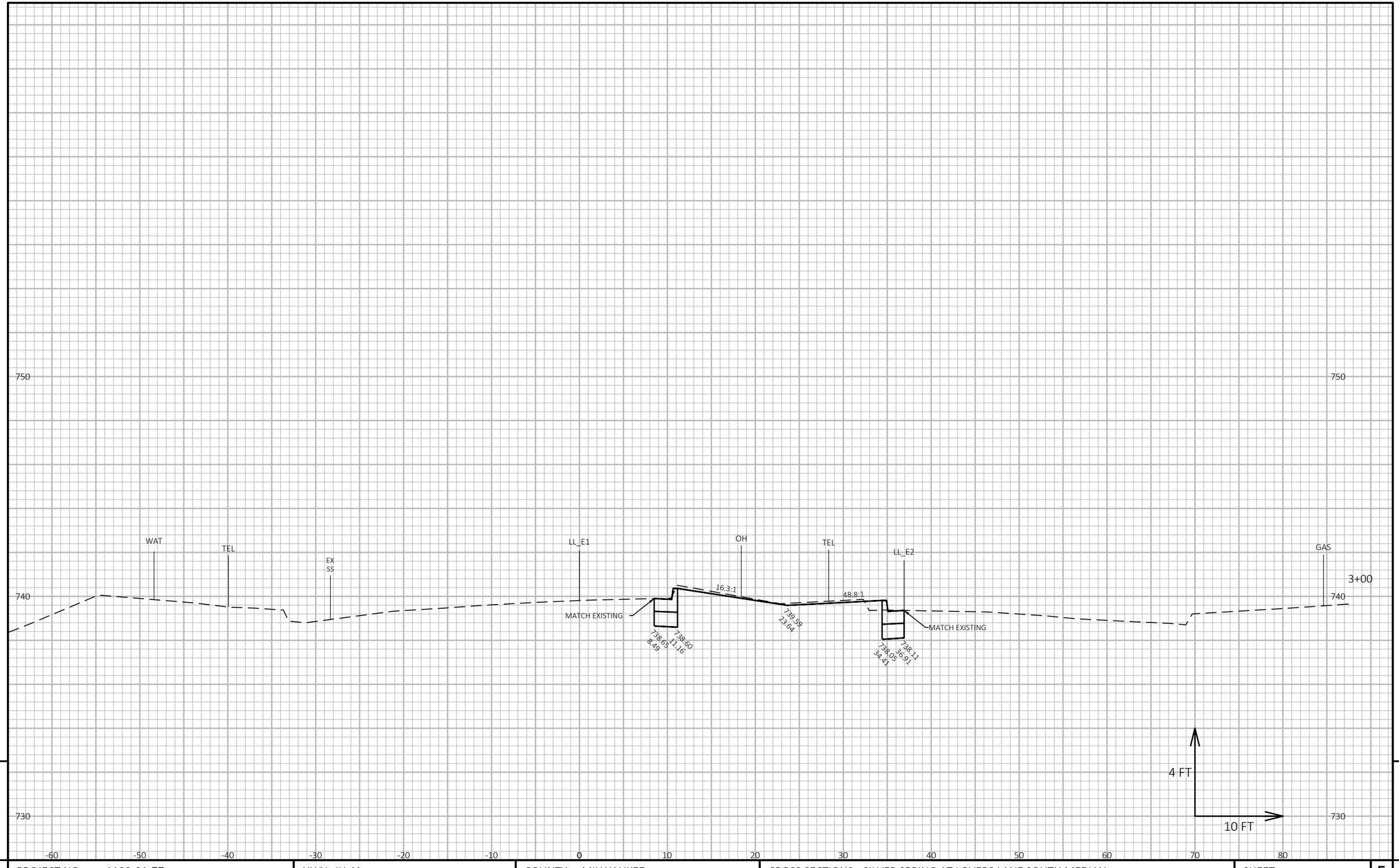
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET PRE_231 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090209_XS South

PLOT DATE : 5/9/2019 2:46 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

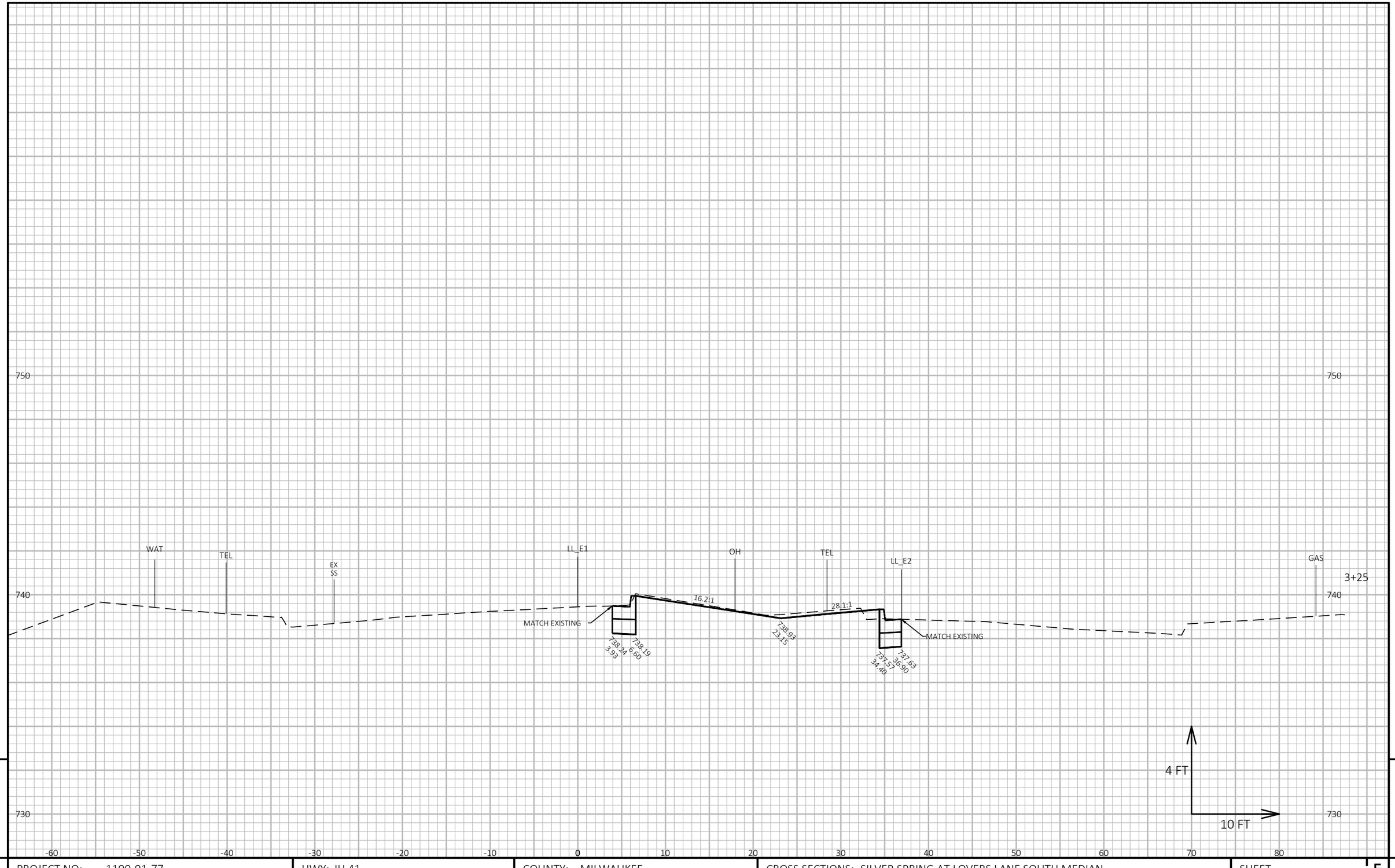
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET PRE_232 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090210_XS South

PLOT DATE : 5/9/2019 2:47 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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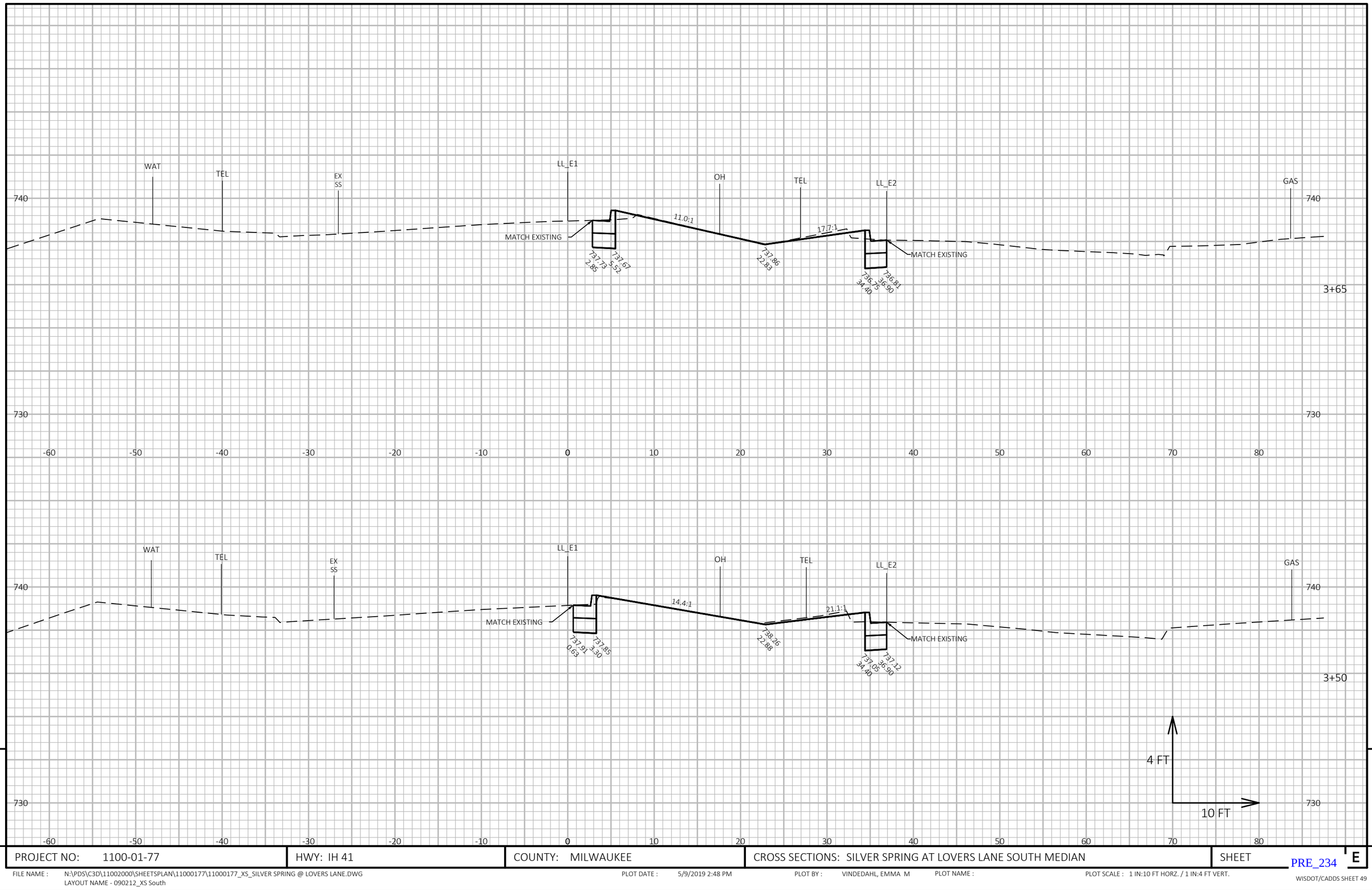
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090211_XS South

PLOT DATE : 5/9/2019 2:48 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_233

WISDOT/CADDS SHEET 49



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE SOUTH MEDIAN	SHEET

PRE_234

E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090212_XS South

PLOT DATE : 5/9/2019 2:48 PM

PLOT BY : VINDEDAHL, EMMA M

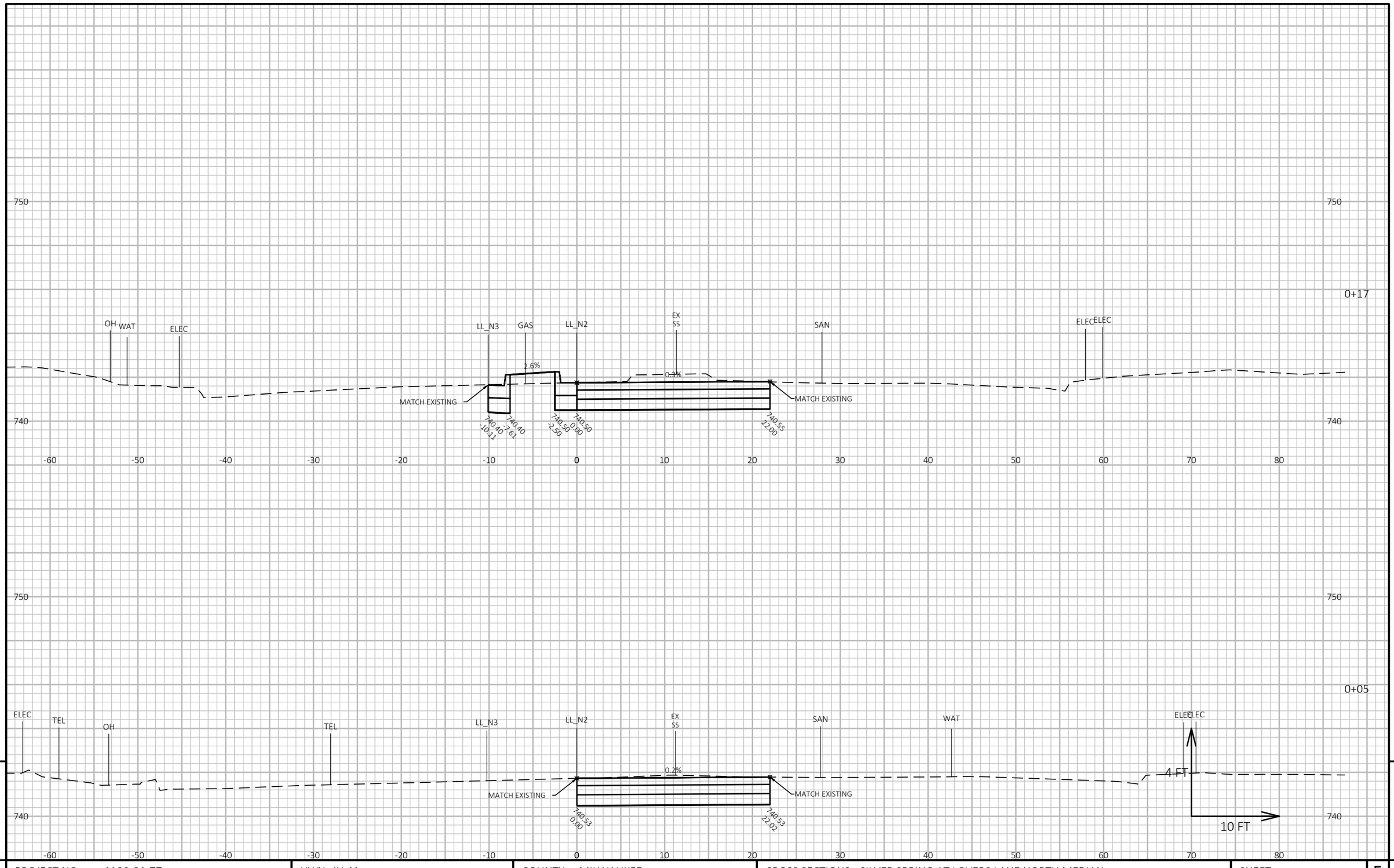
PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49

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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE NORTH MEDIAN	SHEET E

PRE_235

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090201_XS SS-LL_North

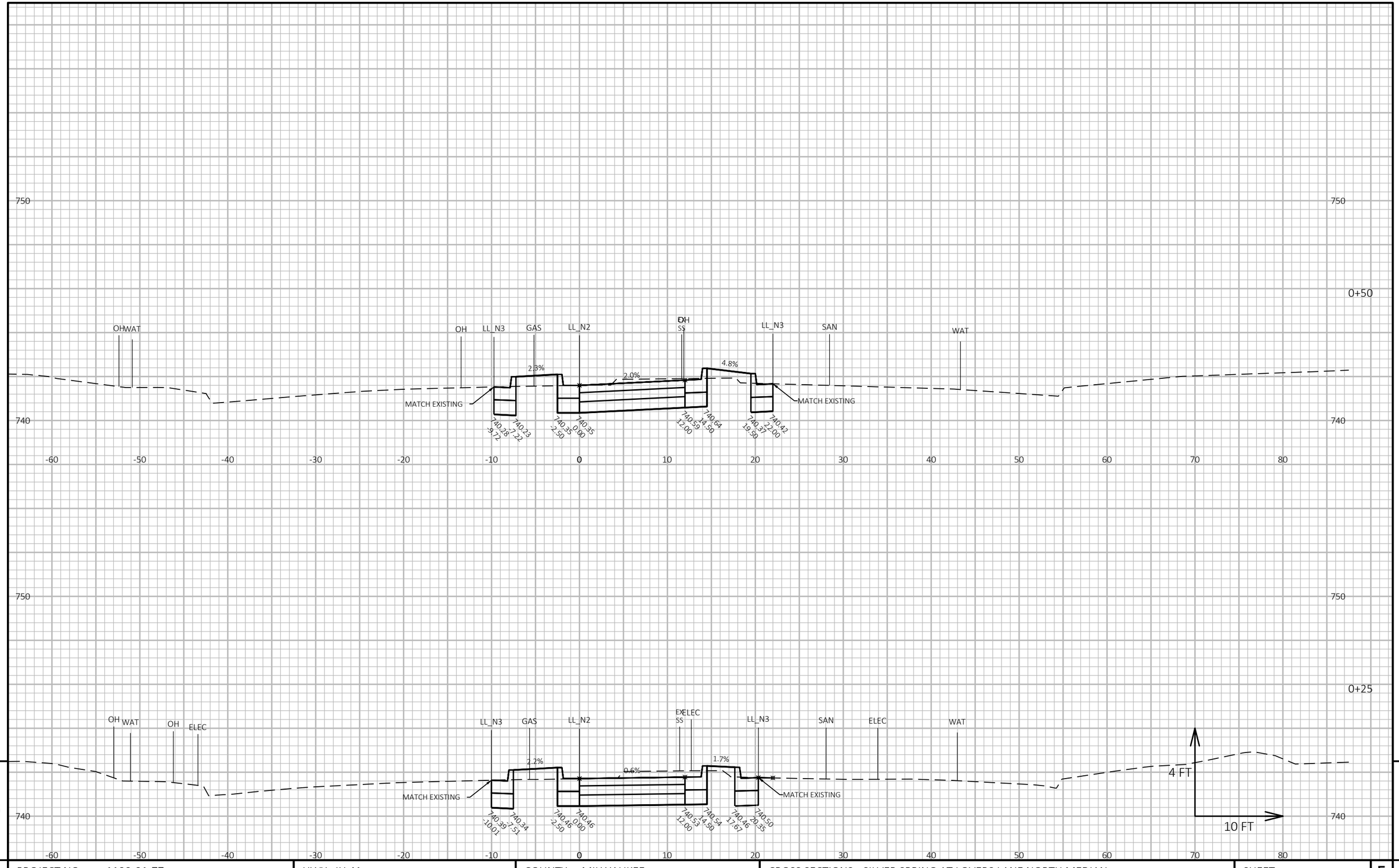
PLOT DATE : 5/9/2019 2:51 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49

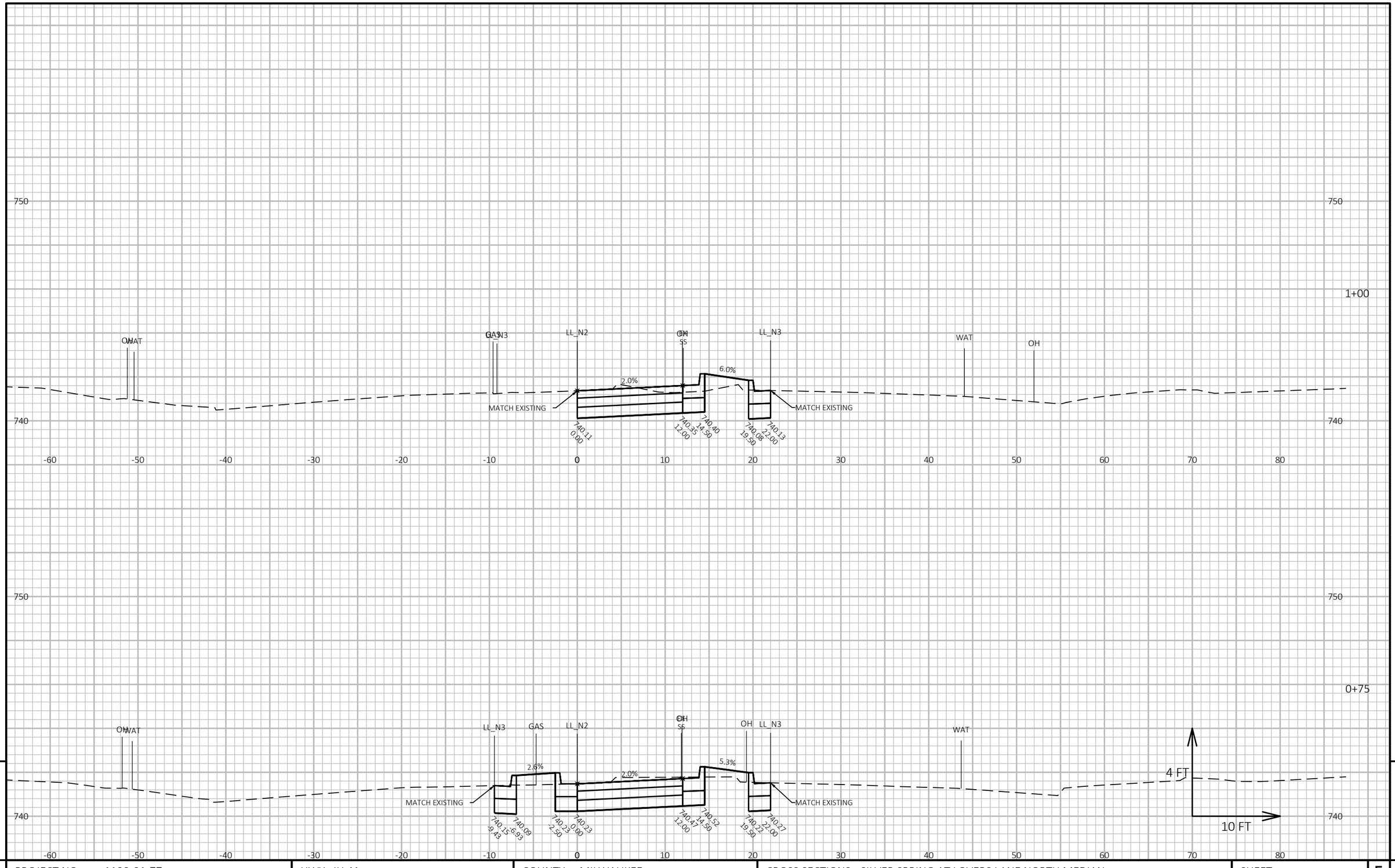


PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE NORTH MEDIAN	SHEET PRE_236 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090202_XS SS-LL_North

PLOT DATE : 5/9/2019 2:52 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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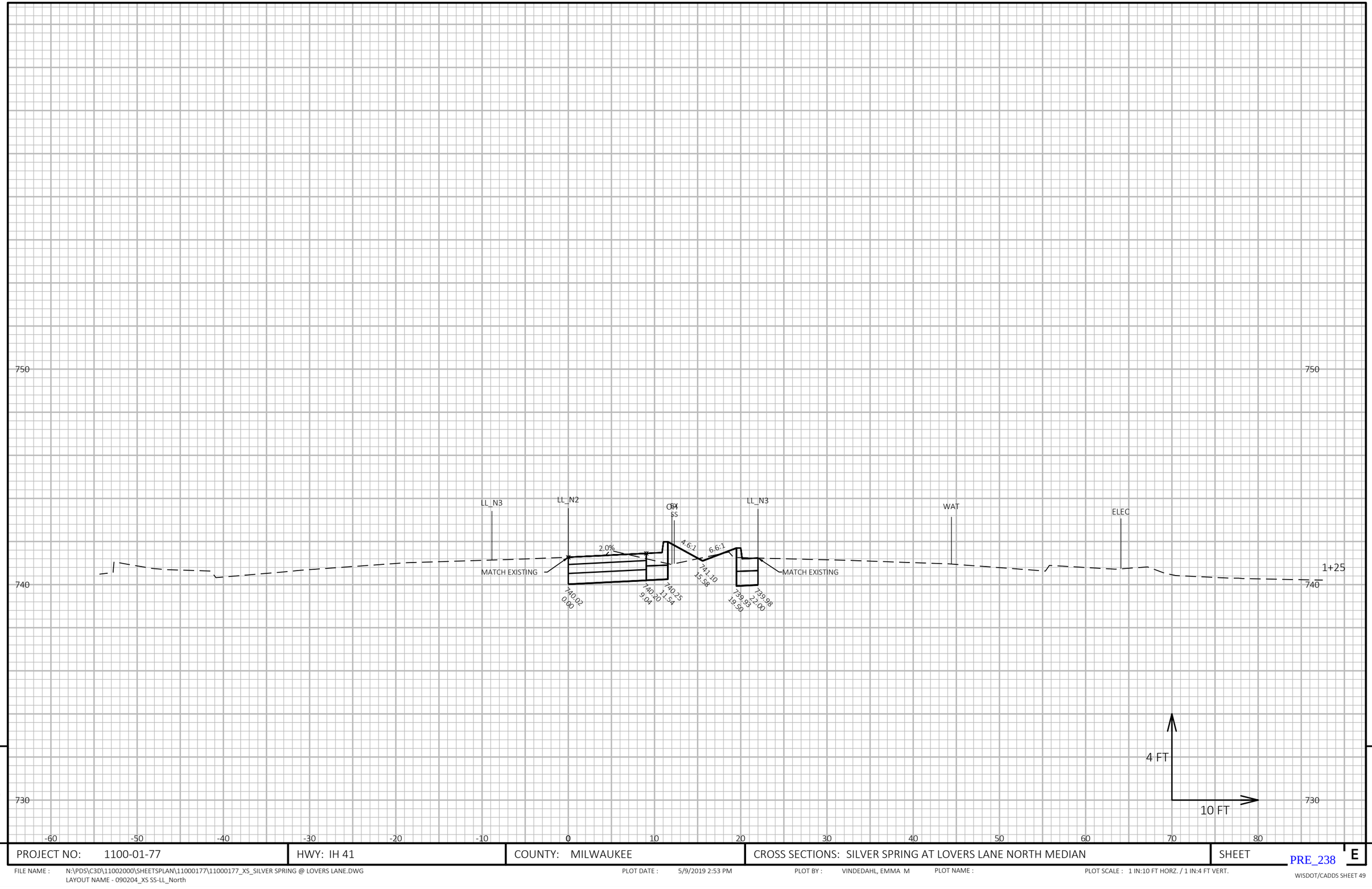
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE NORTH MEDIAN	SHEET E

PRE_237

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090203_XS SS-LL_North

PLOT DATE : 5/9/2019 2:53 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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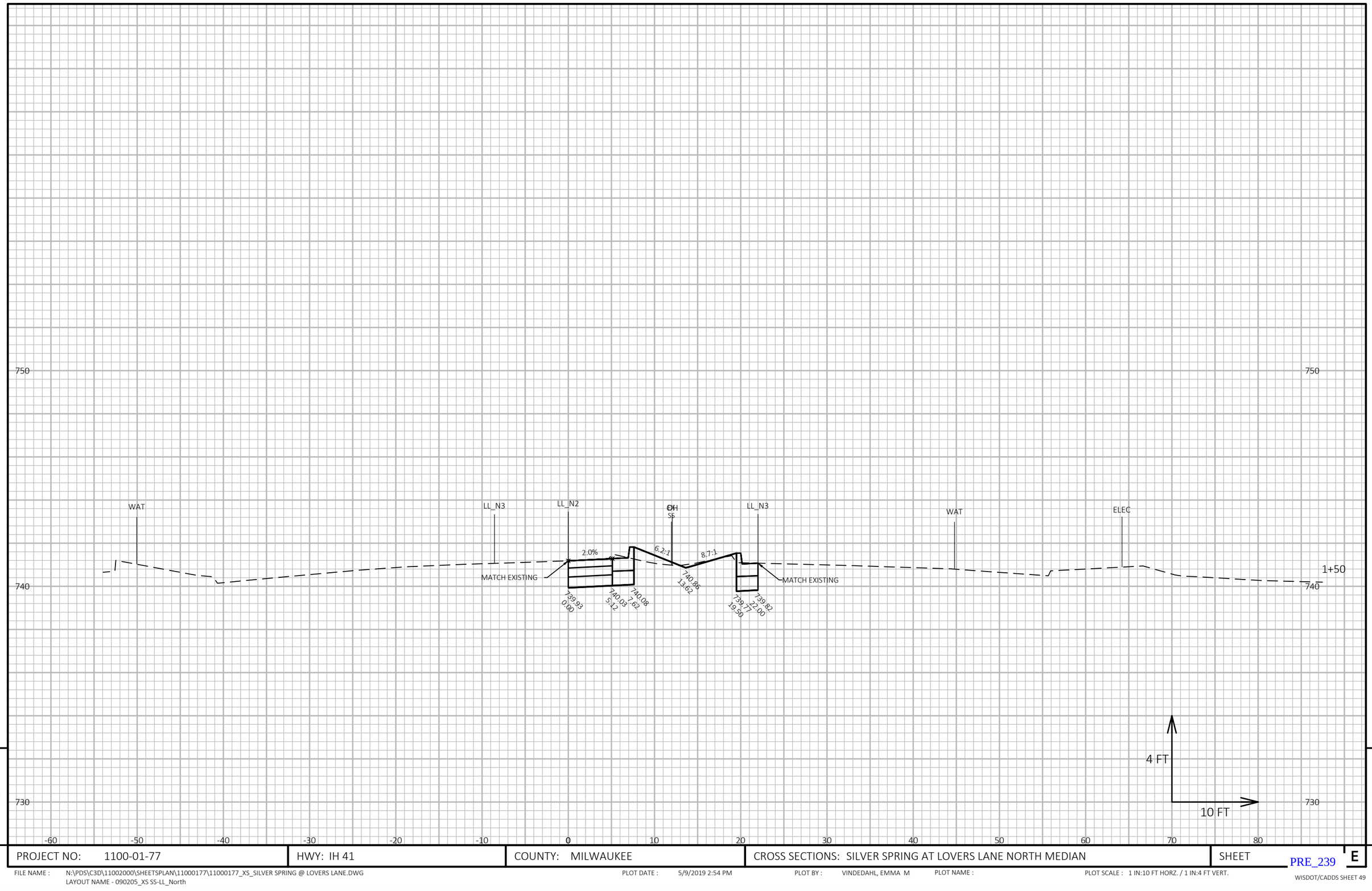
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE NORTH MEDIAN	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090204_XS SS-LL_North

PLOT DATE : 5/9/2019 2:53 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_238

WISDOT/CADDS SHEET 49



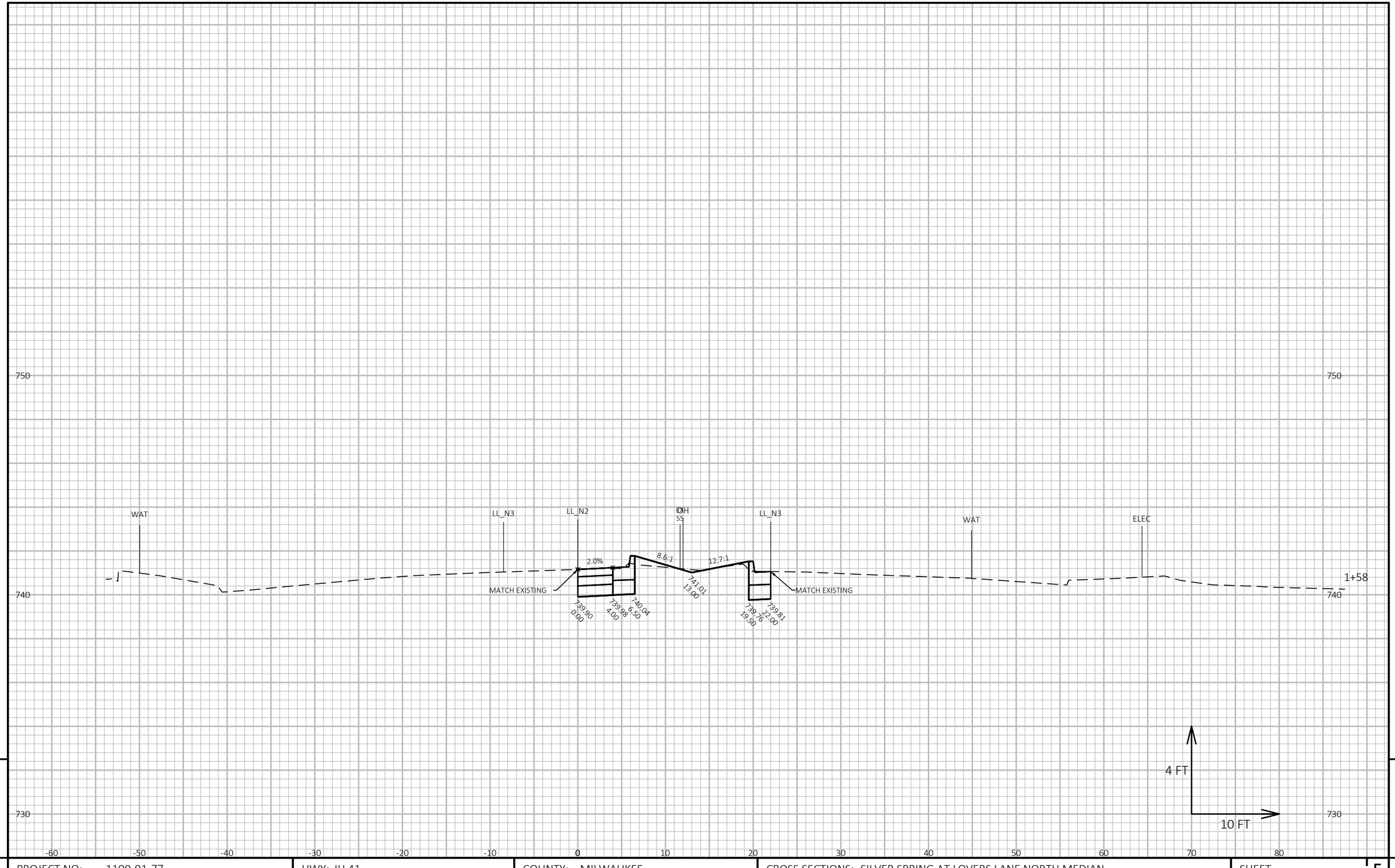
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE NORTH MEDIAN	SHEET

PRE_239

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090205_XS SS-LL_North

PLOT DATE : 5/9/2019 2:54 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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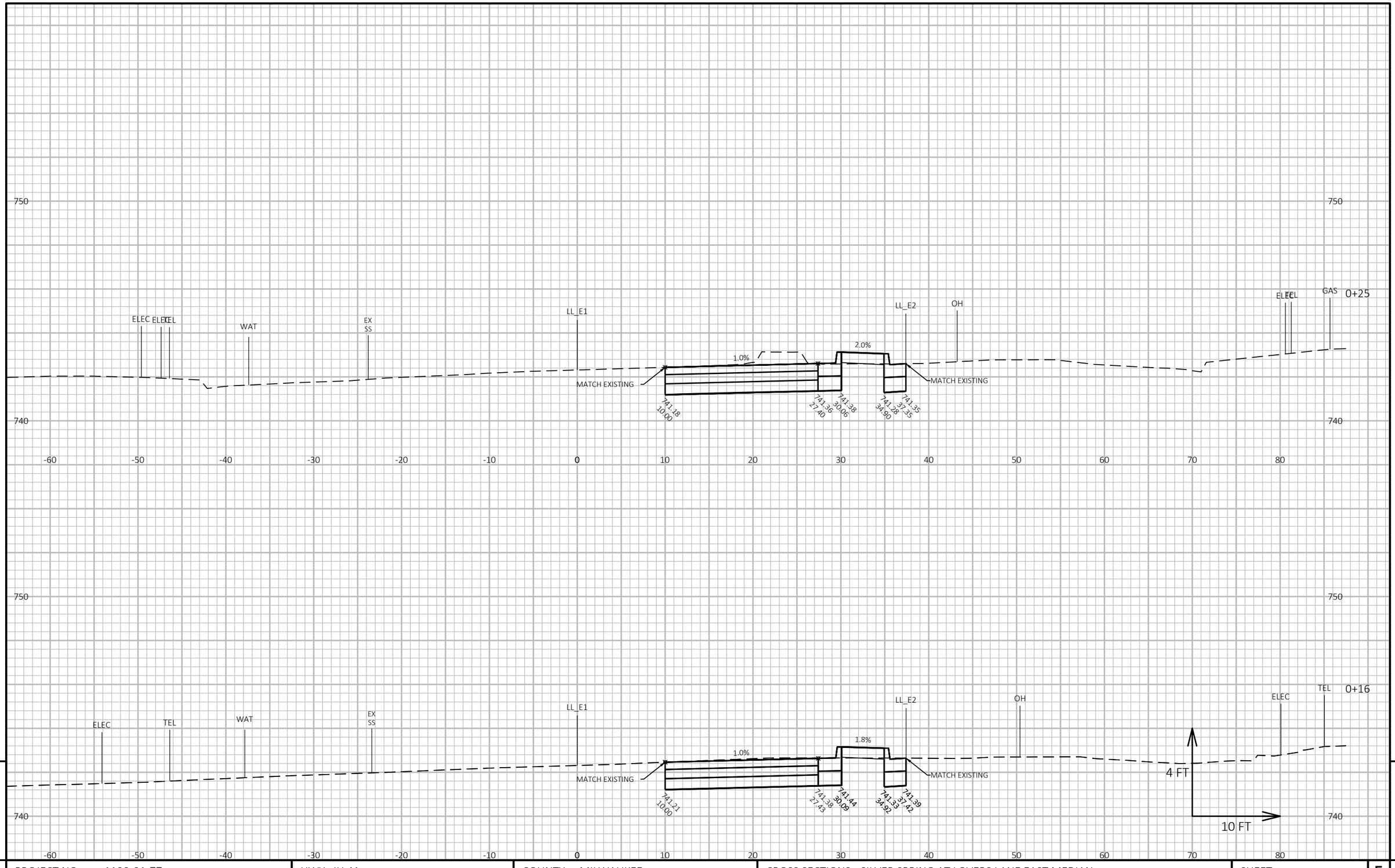
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE NORTH MEDIAN	SHEET PRE_240 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090206_XS SS-LL_North

PLOT DATE : 5/9/2019 2:54 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

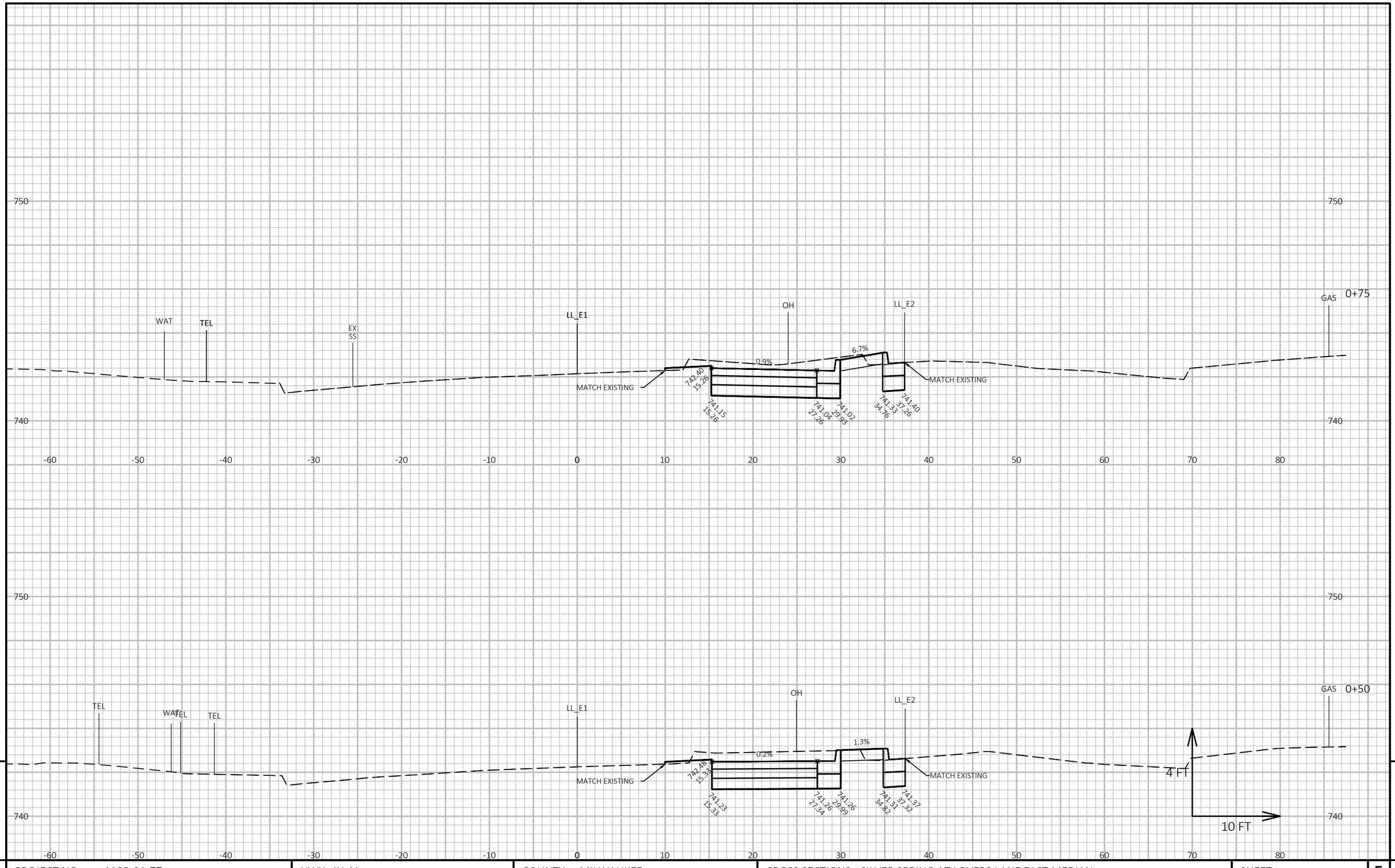
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_241 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090201_XS East

PLOT DATE : 5/9/2019 2:58 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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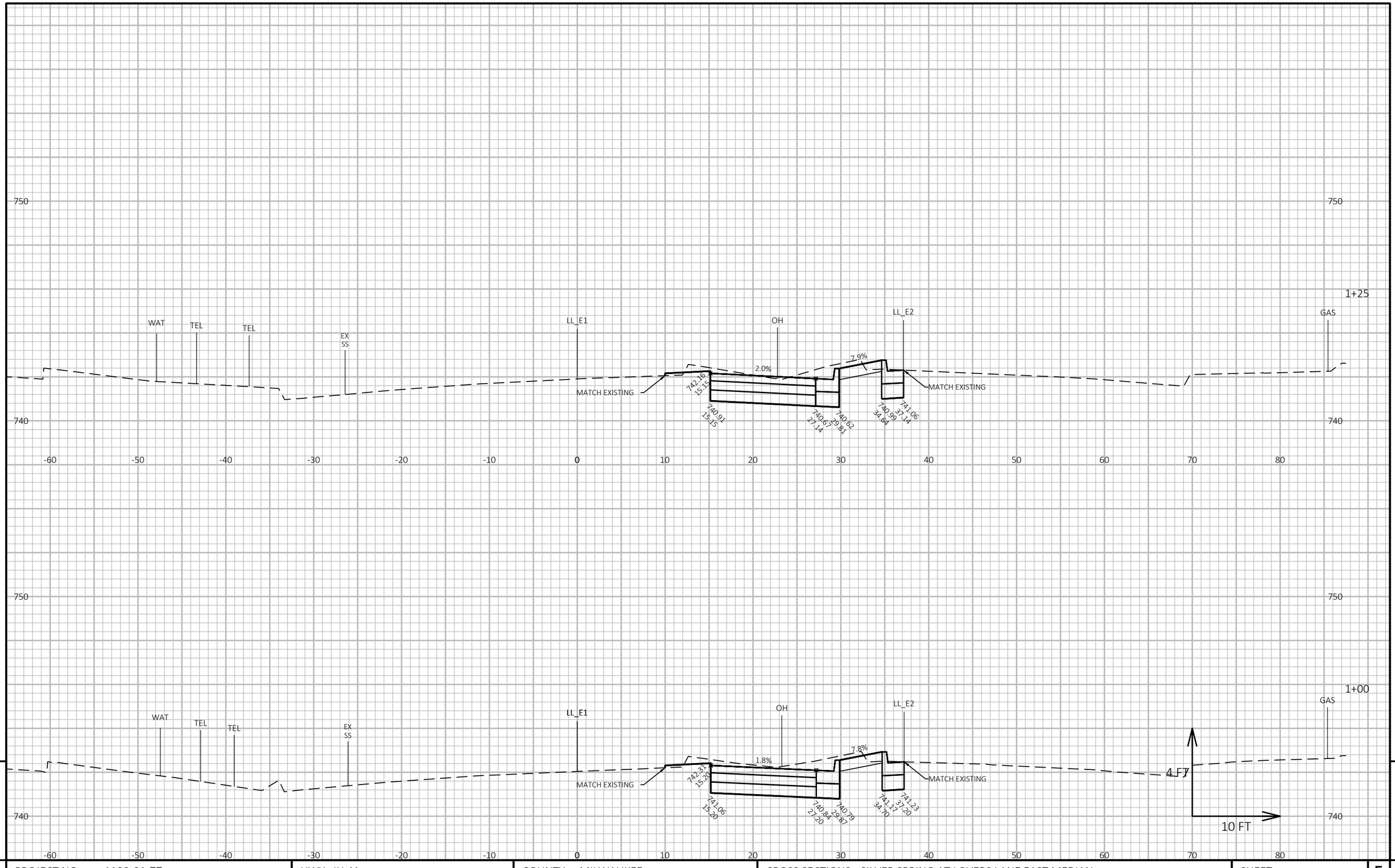
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_242 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090202_XS East

PLOT DATE : 5/9/2019 2:58 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

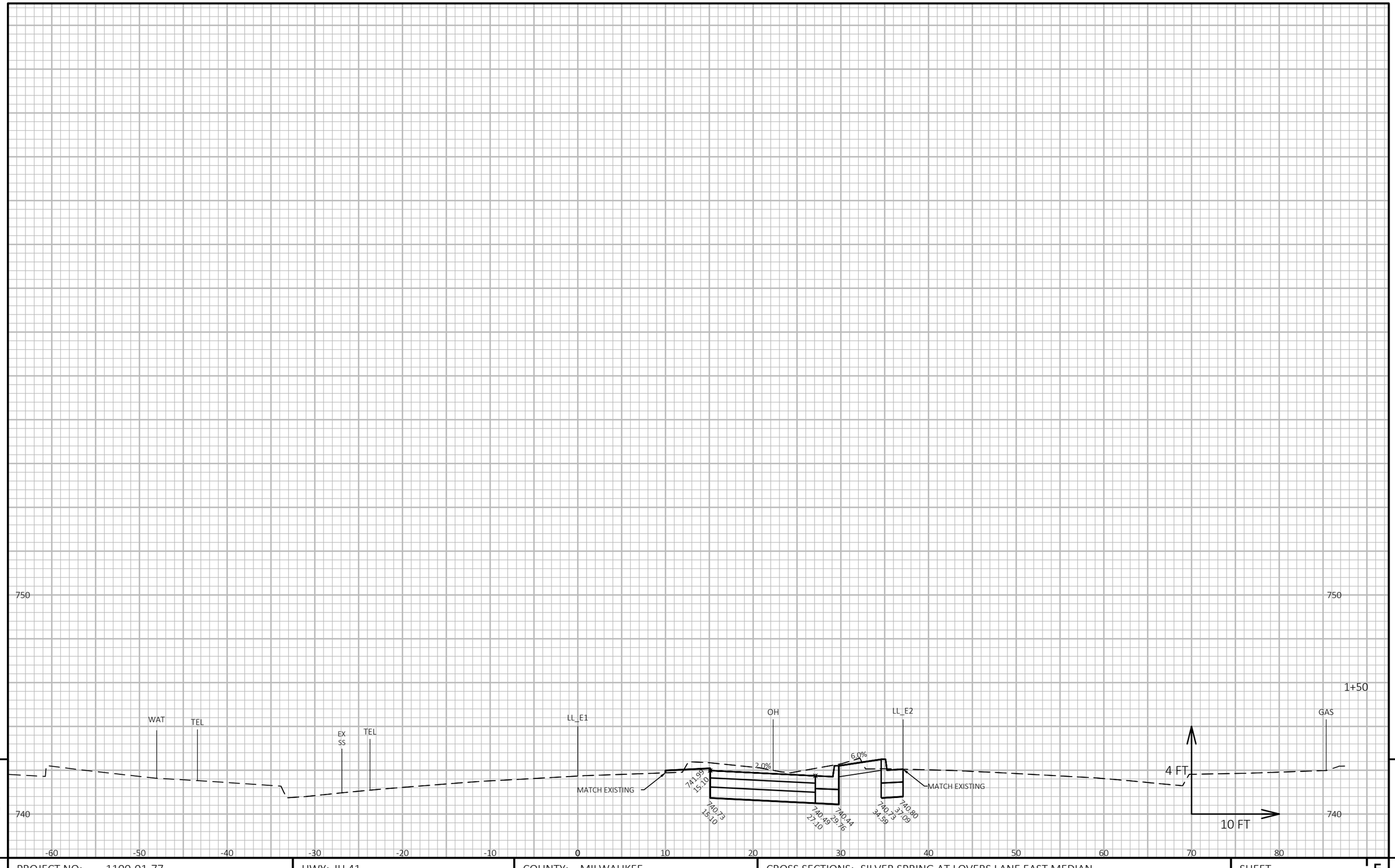
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_243 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090203_XS East

PLOT DATE : 5/9/2019 2:59 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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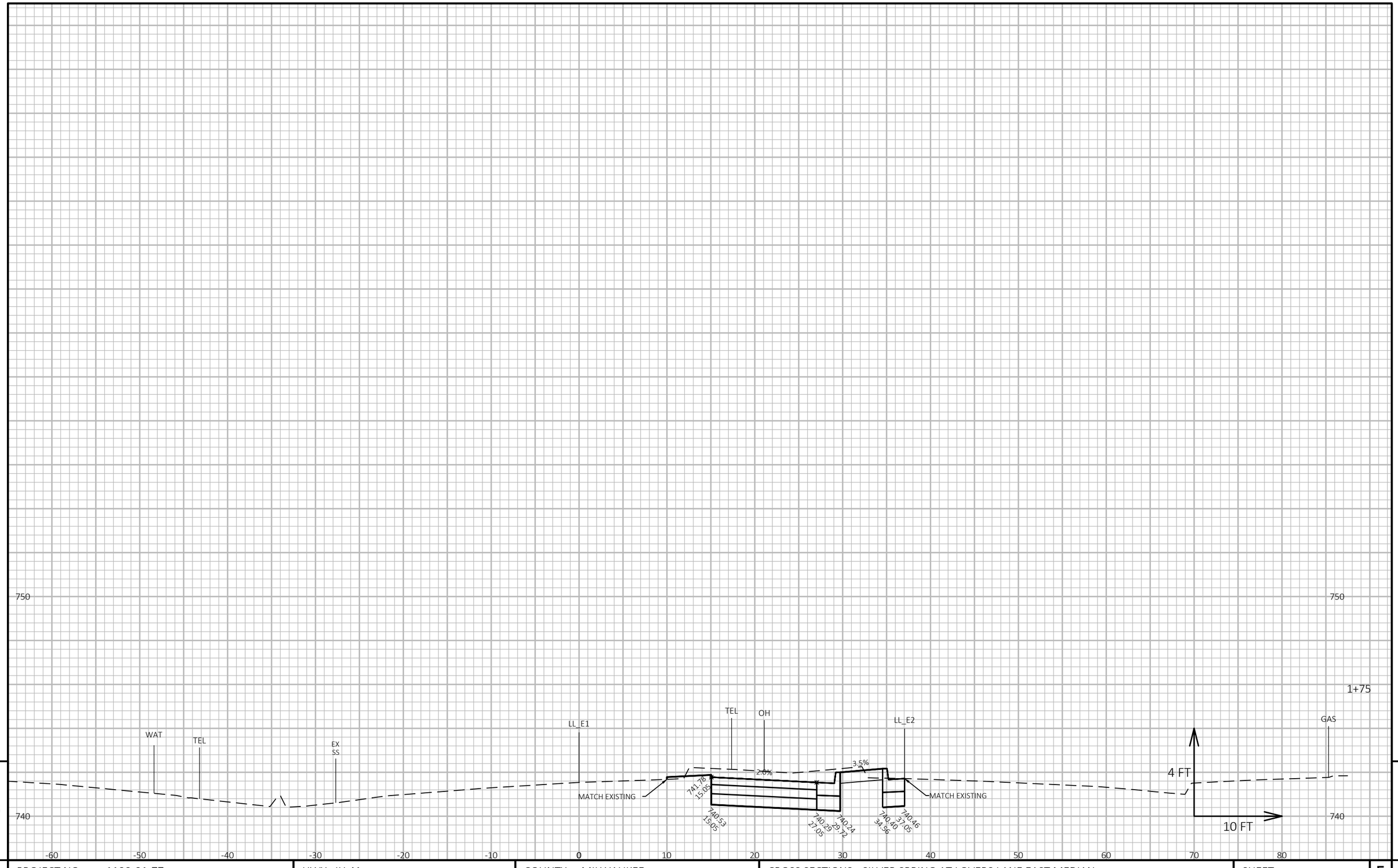
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_244 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090204_XS East

PLOT DATE : 5/9/2019 3:00 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



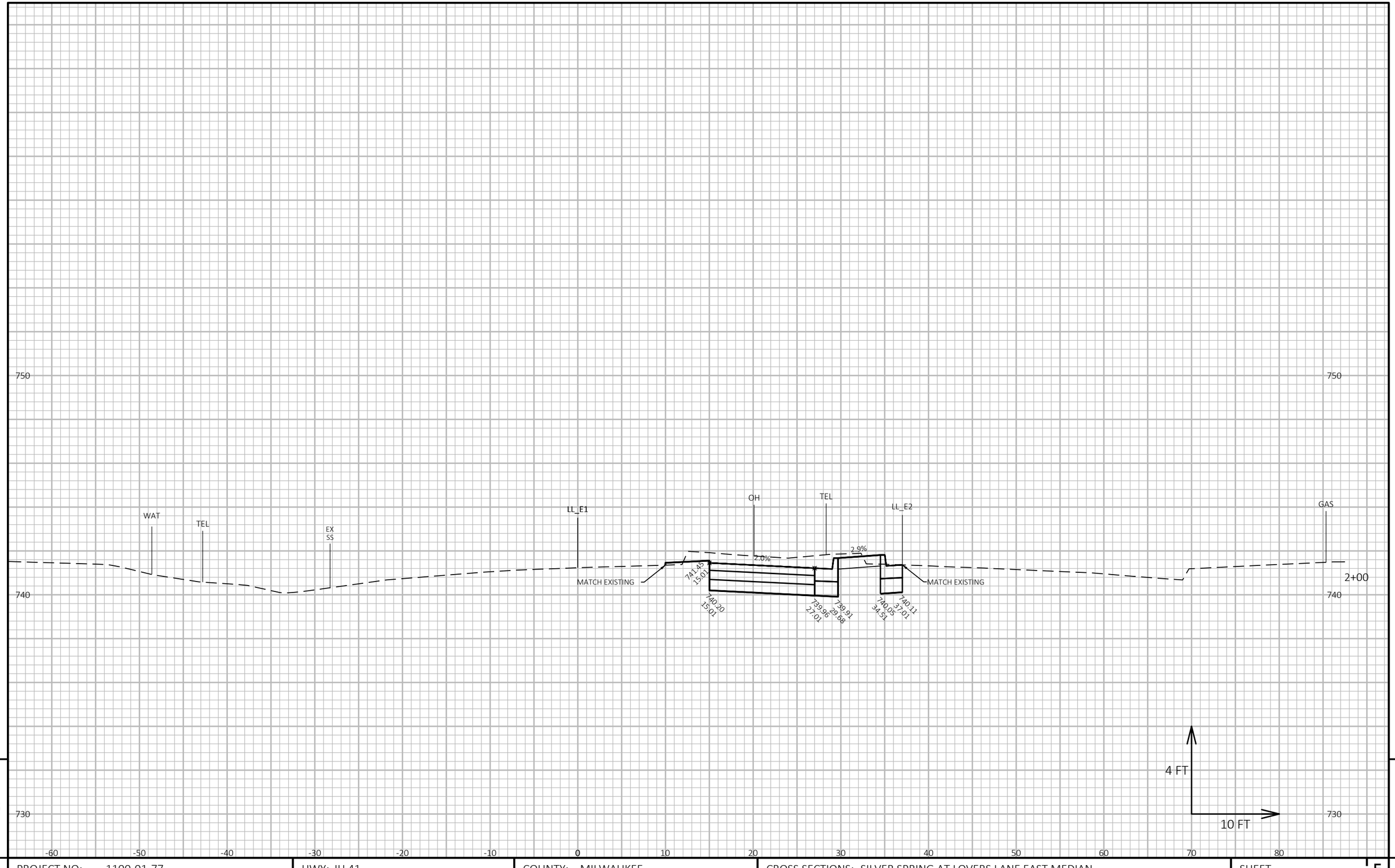
9 9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_245 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090205_XS East

PLOT DATE : 5/9/2019 3:00 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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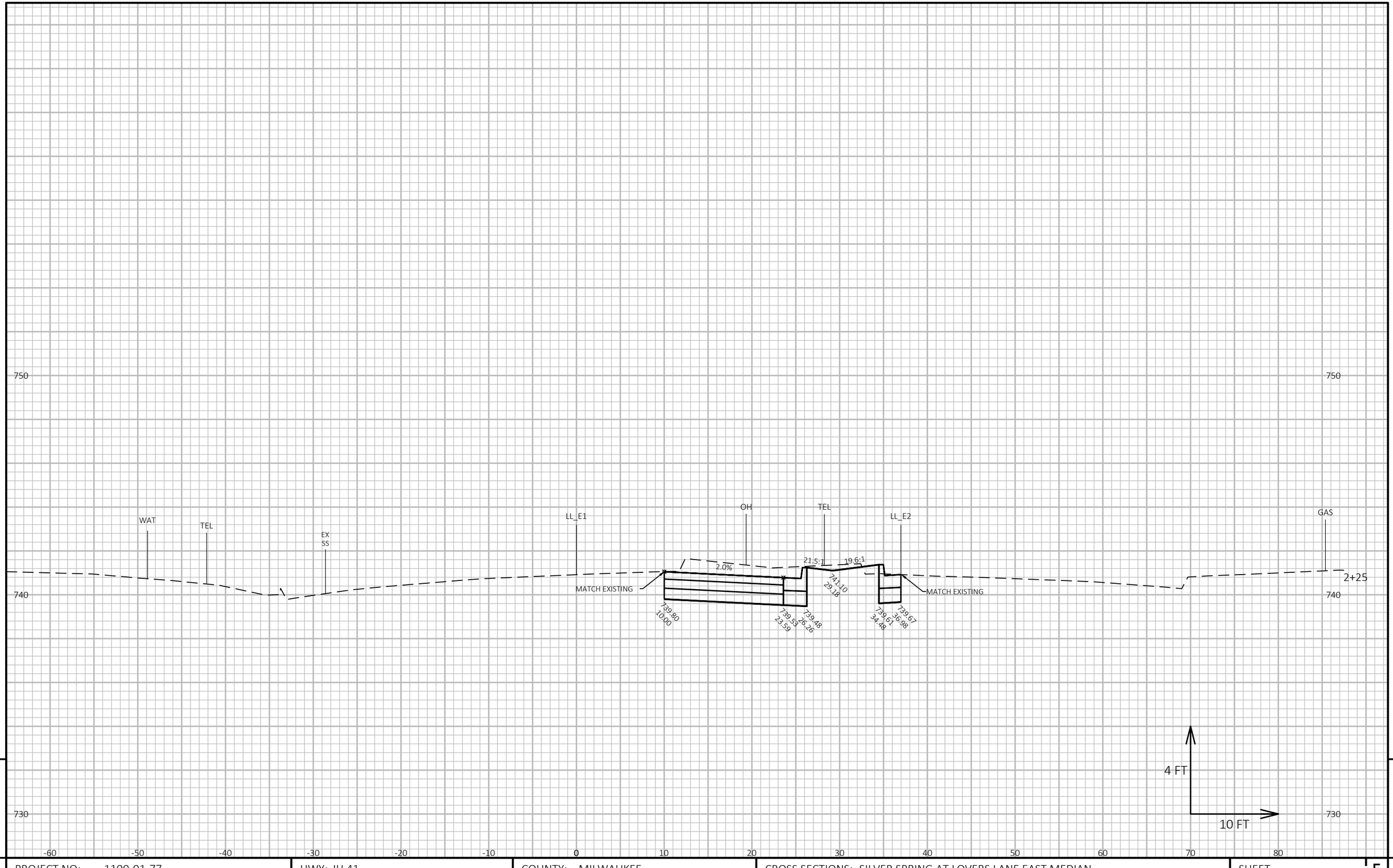
9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_246 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090206_XS East

PLOT DATE : 5/9/2019 3:01 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET E

PRE_247

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090207_XS East

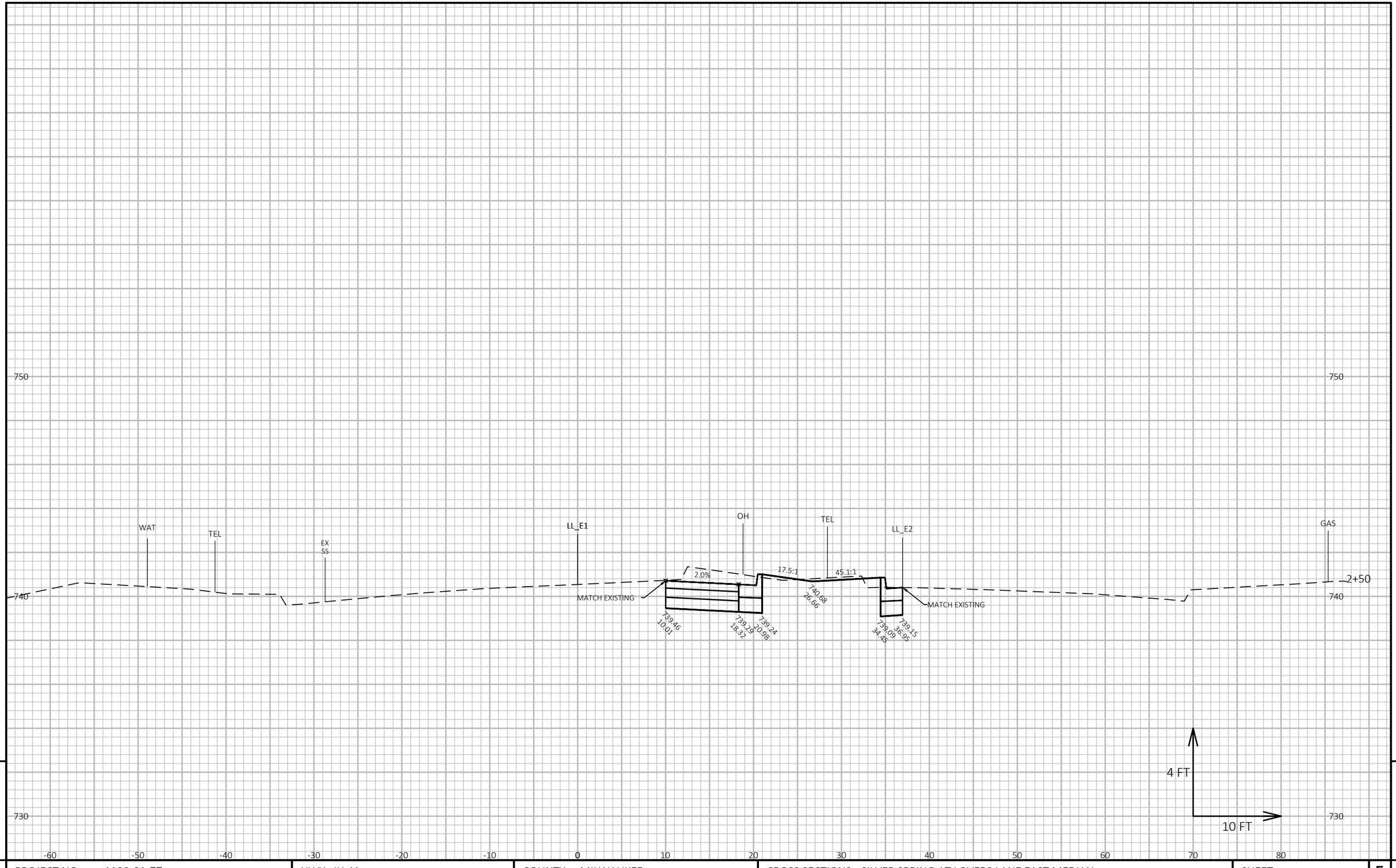
PLOT DATE : 5/9/2019 3:01 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



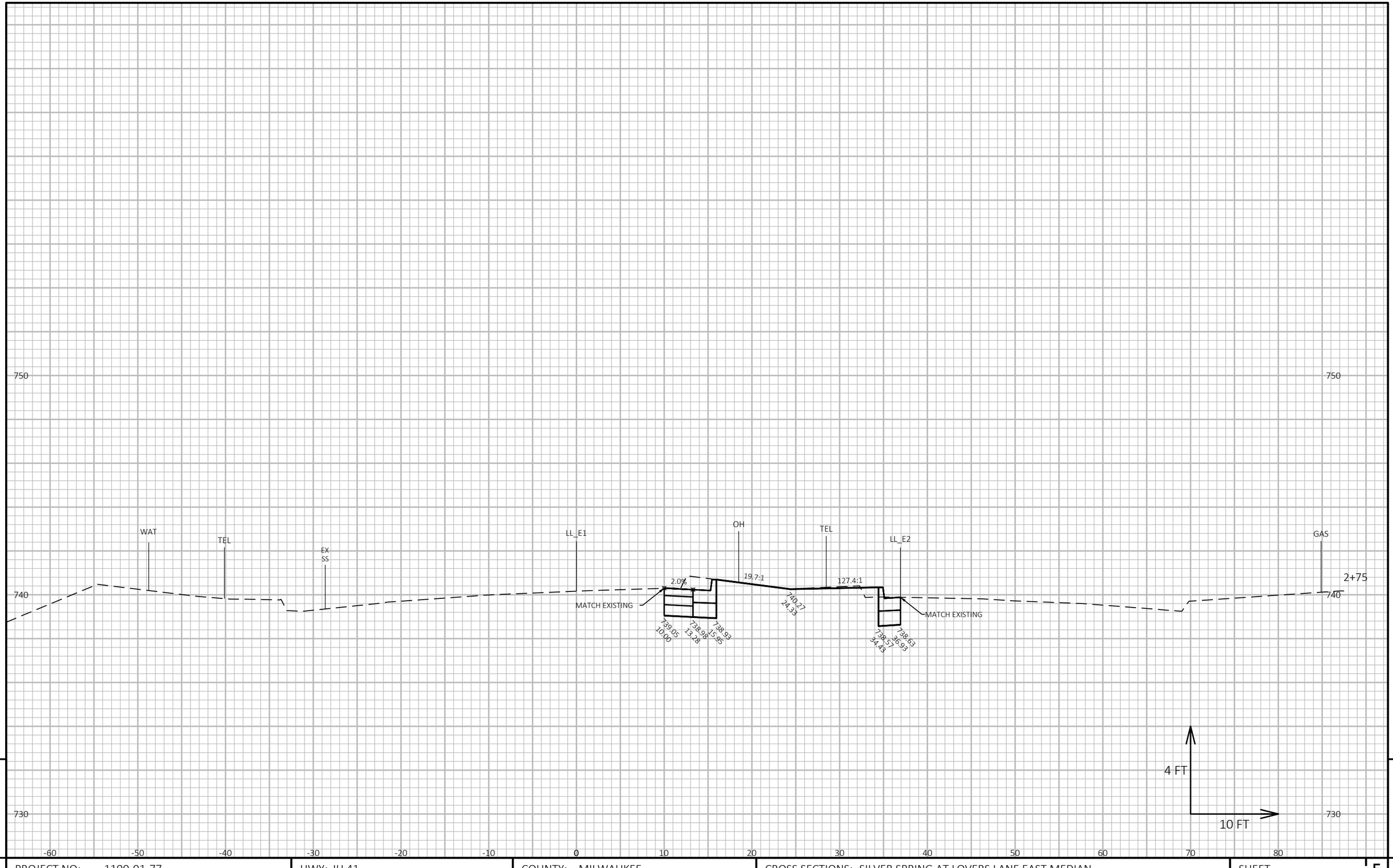
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9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_248 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090208_XS East

PLOT DATE : 5/9/2019 3:02 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



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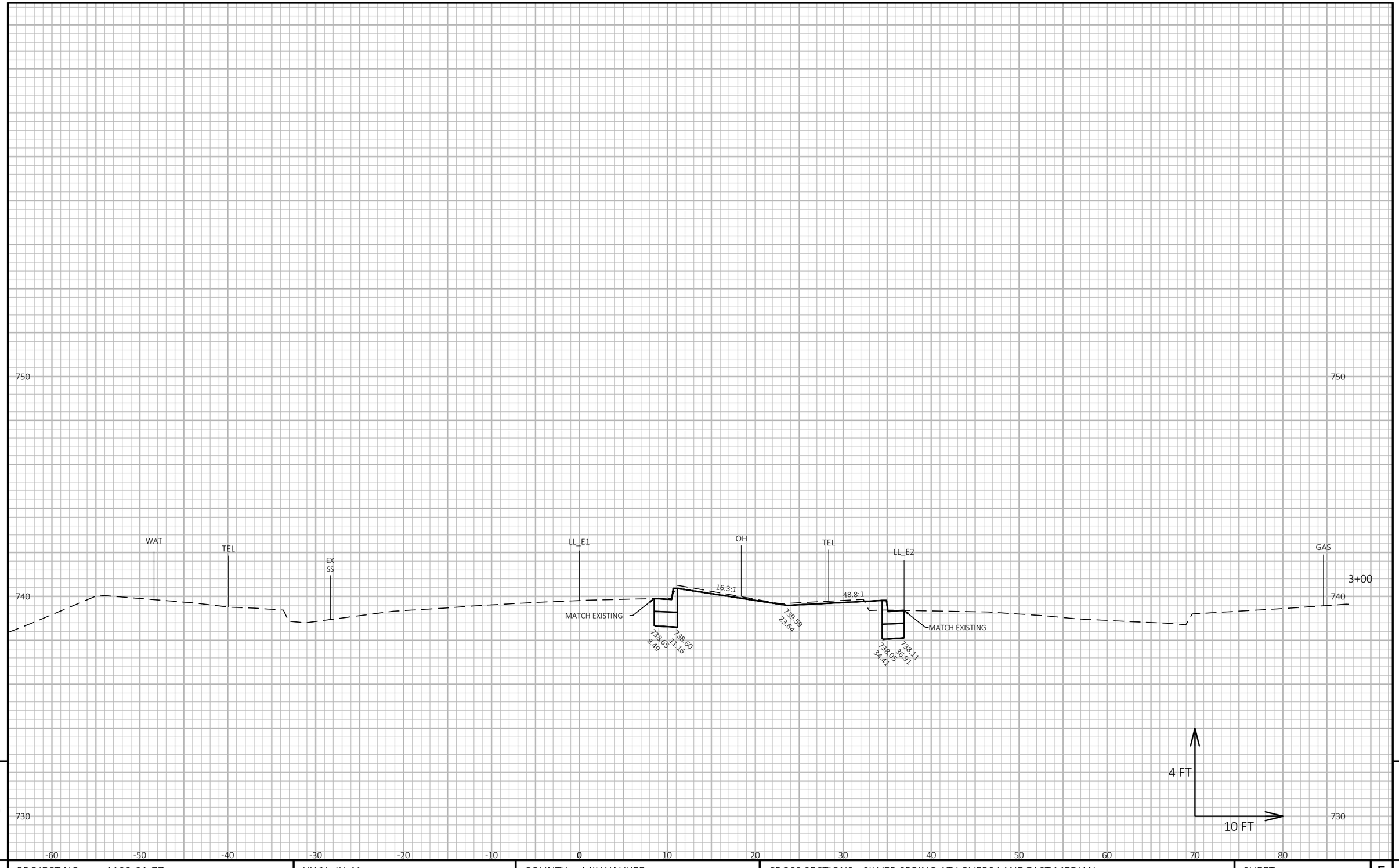
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_249 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090209_XS East

PLOT DATE : 5/9/2019 3:02 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET E

PRE_250

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090210_XS East

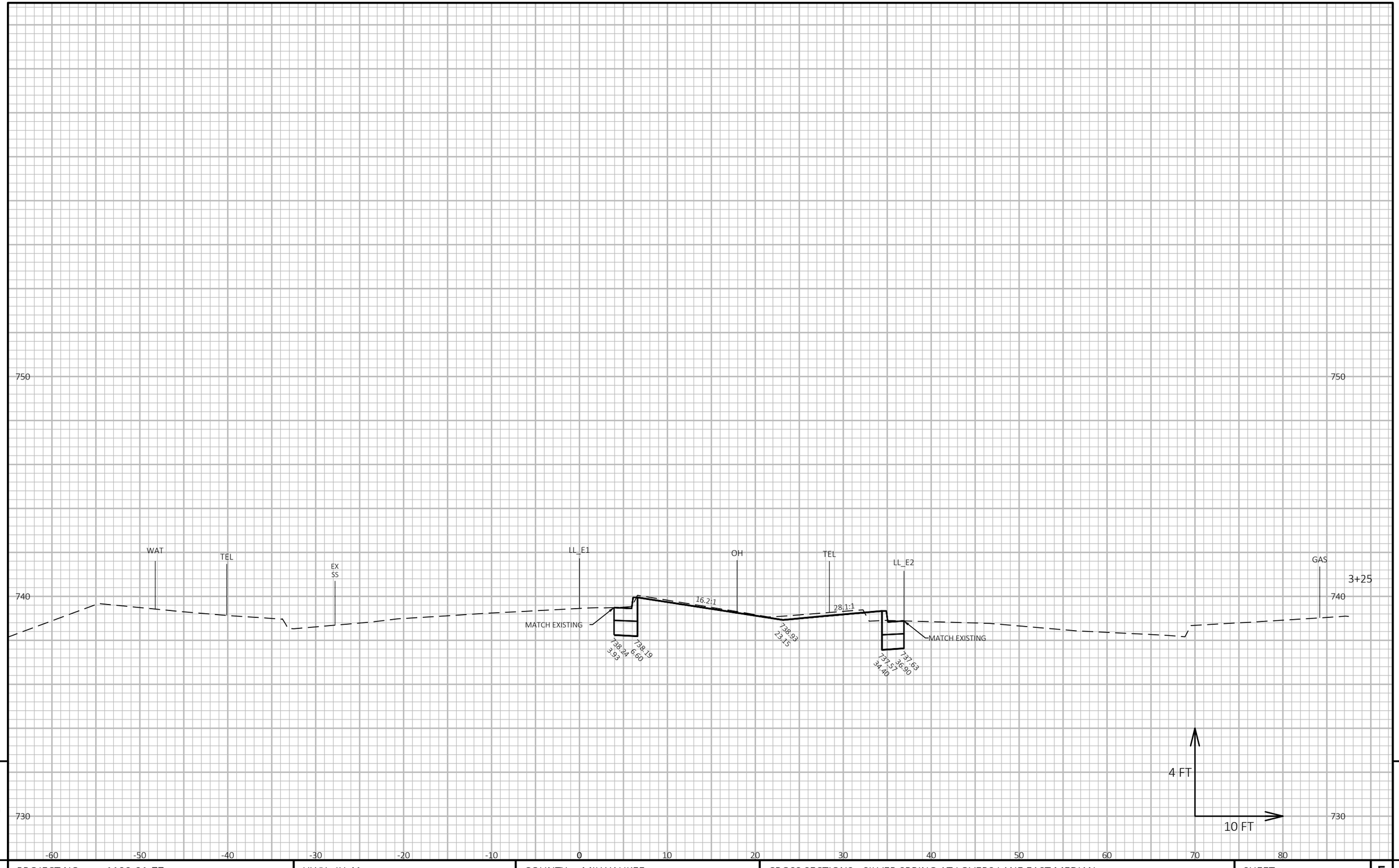
PLOT DATE : 5/9/2019 3:03 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET E

PRE_251

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090211_XS East

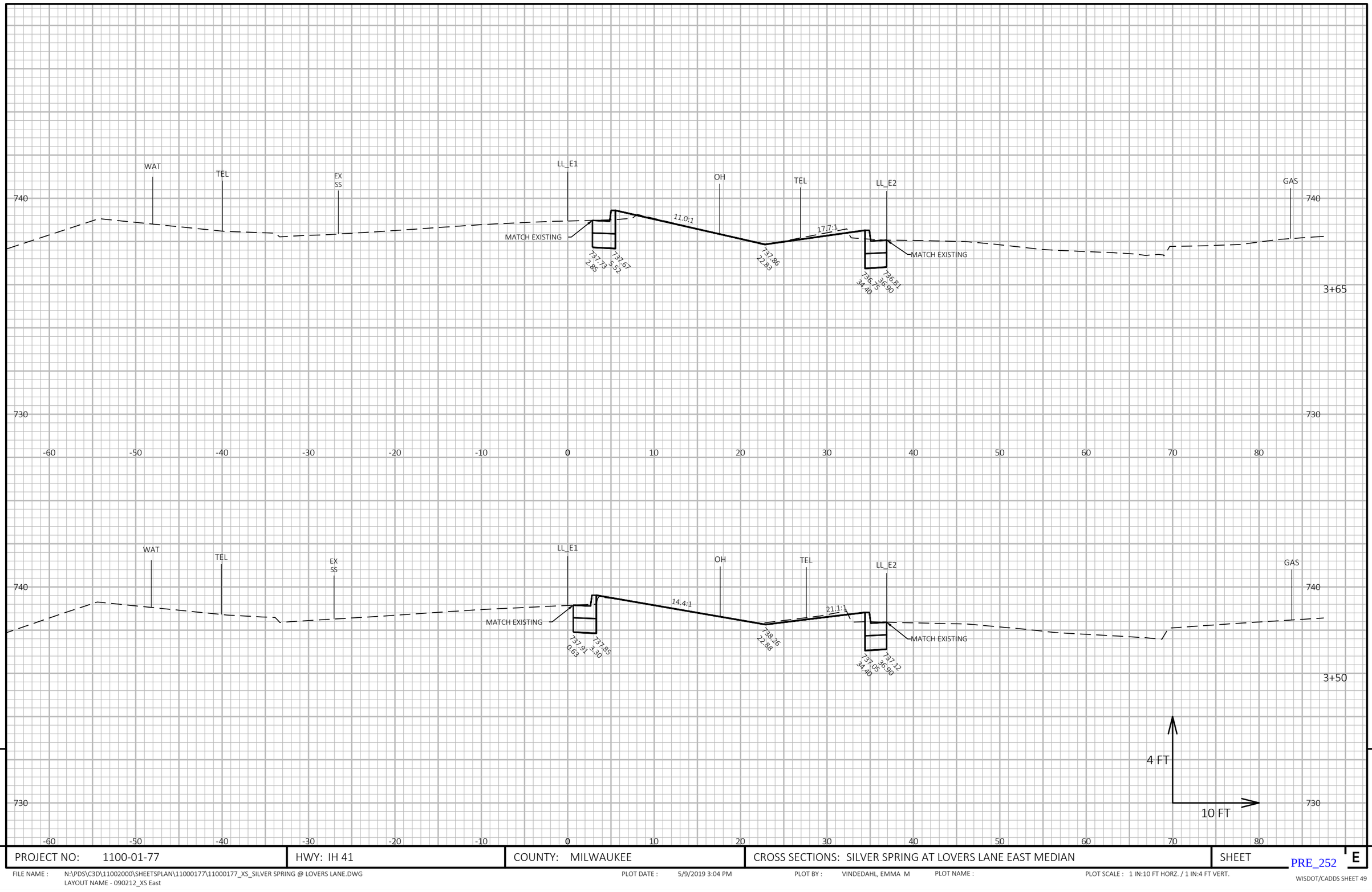
PLOT DATE : 5/9/2019 3:03 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49

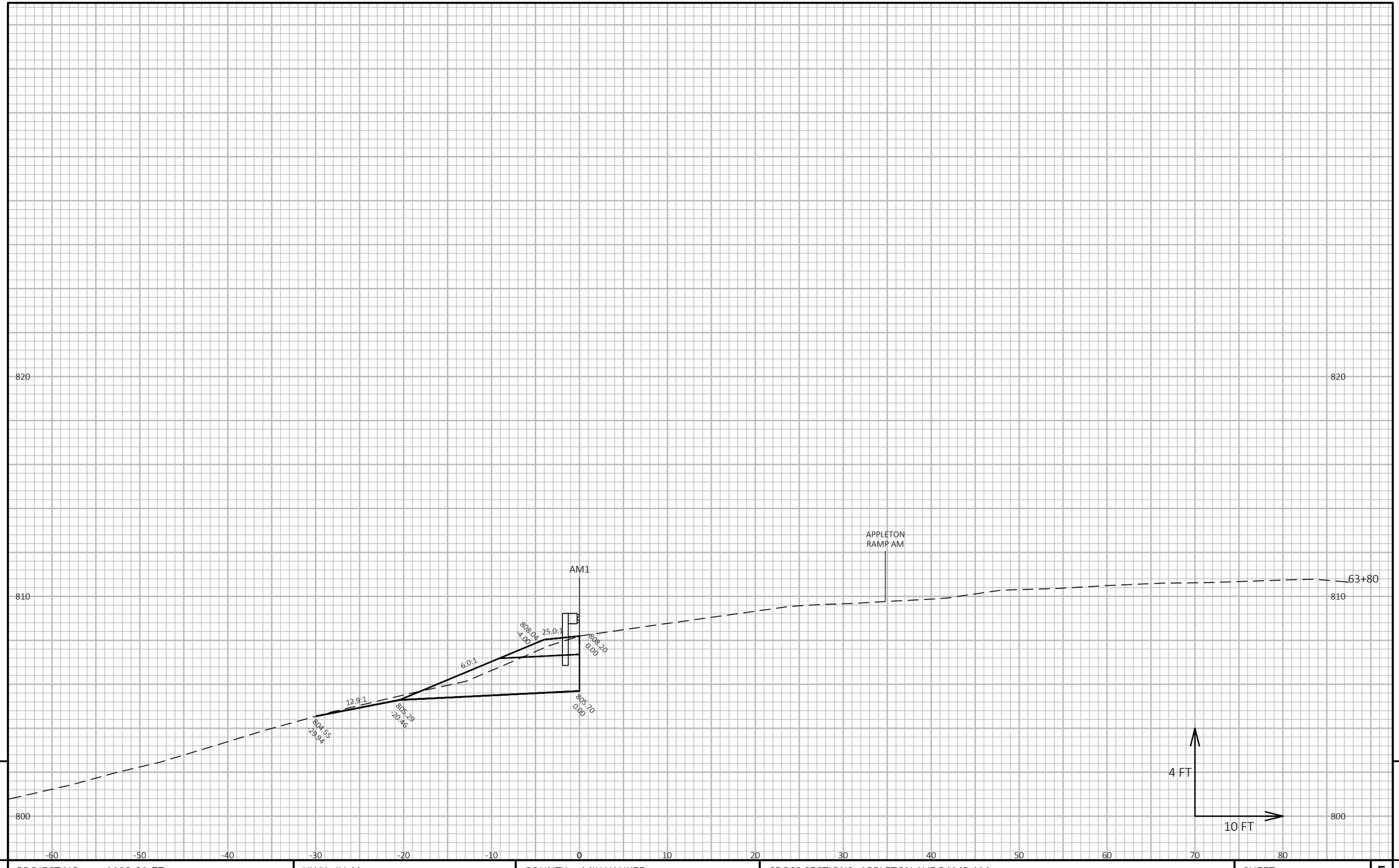


PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: SILVER SPRING AT LOVERS LANE EAST MEDIAN	SHEET PRE_252 E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_SILVER SPRING @ LOVERS LANE.DWG
LAYOUT NAME - 090212_XS East

PLOT DATE : 5/9/2019 3:04 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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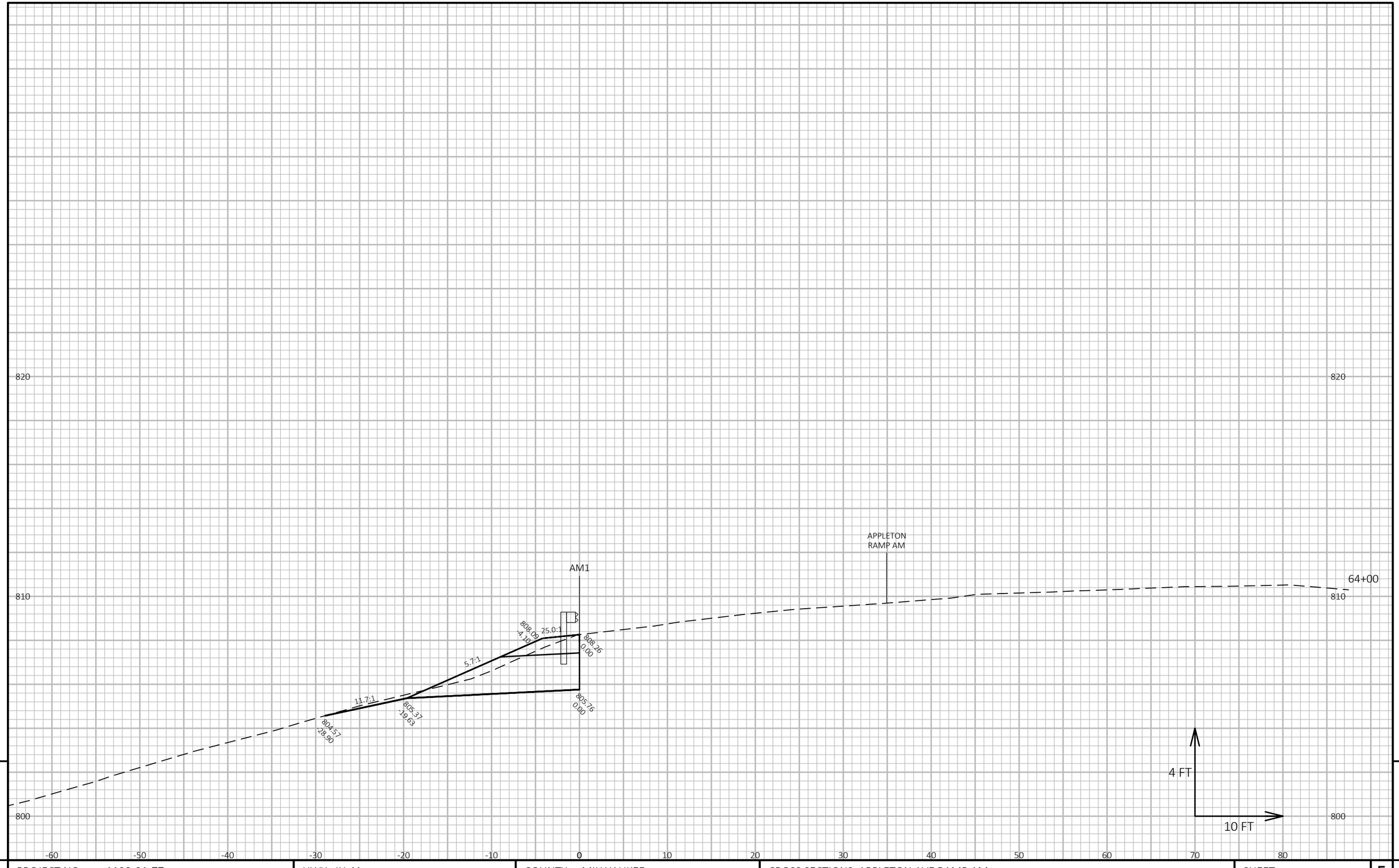
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_253

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090201_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:29 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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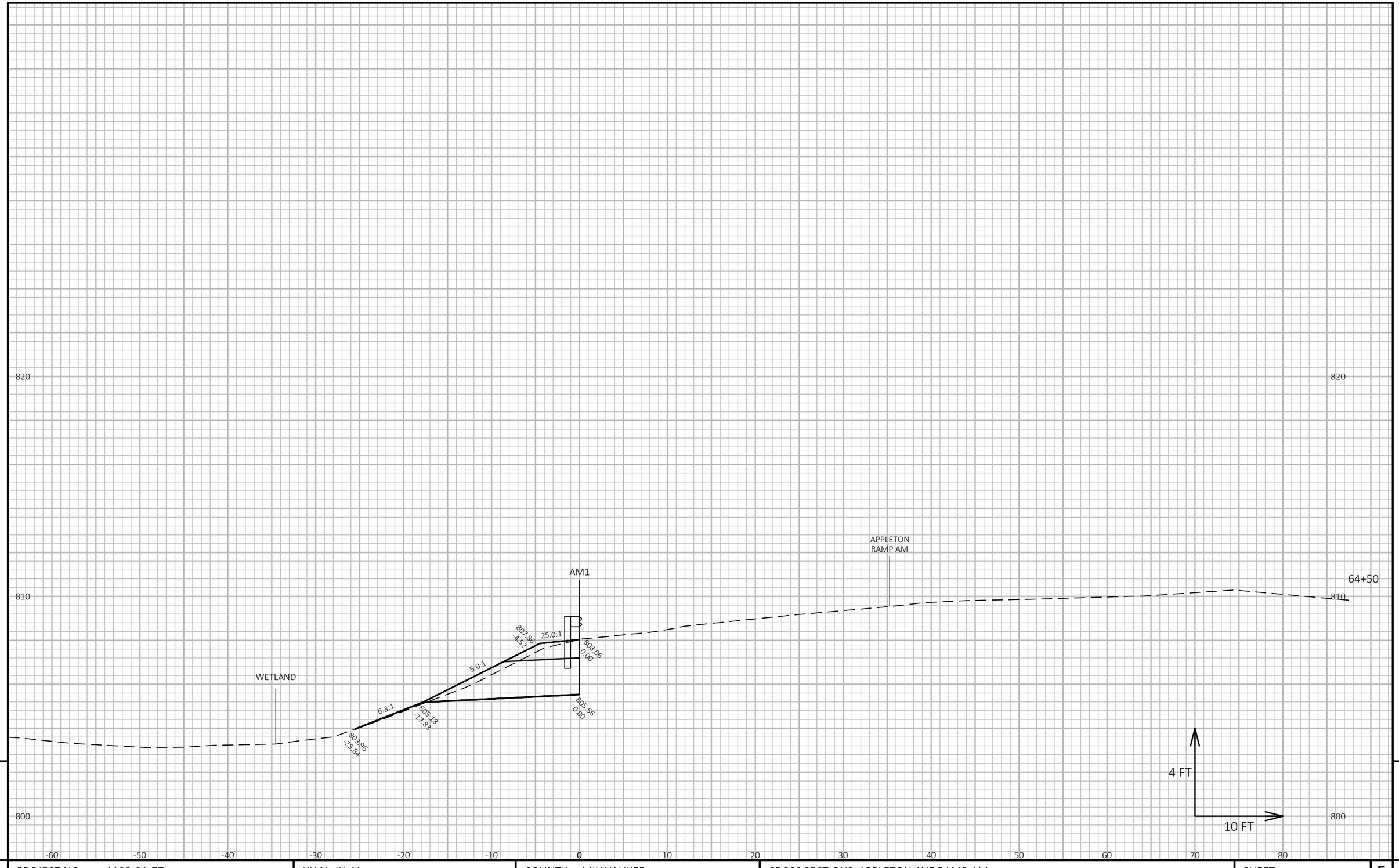
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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_254

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090202_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:30 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.



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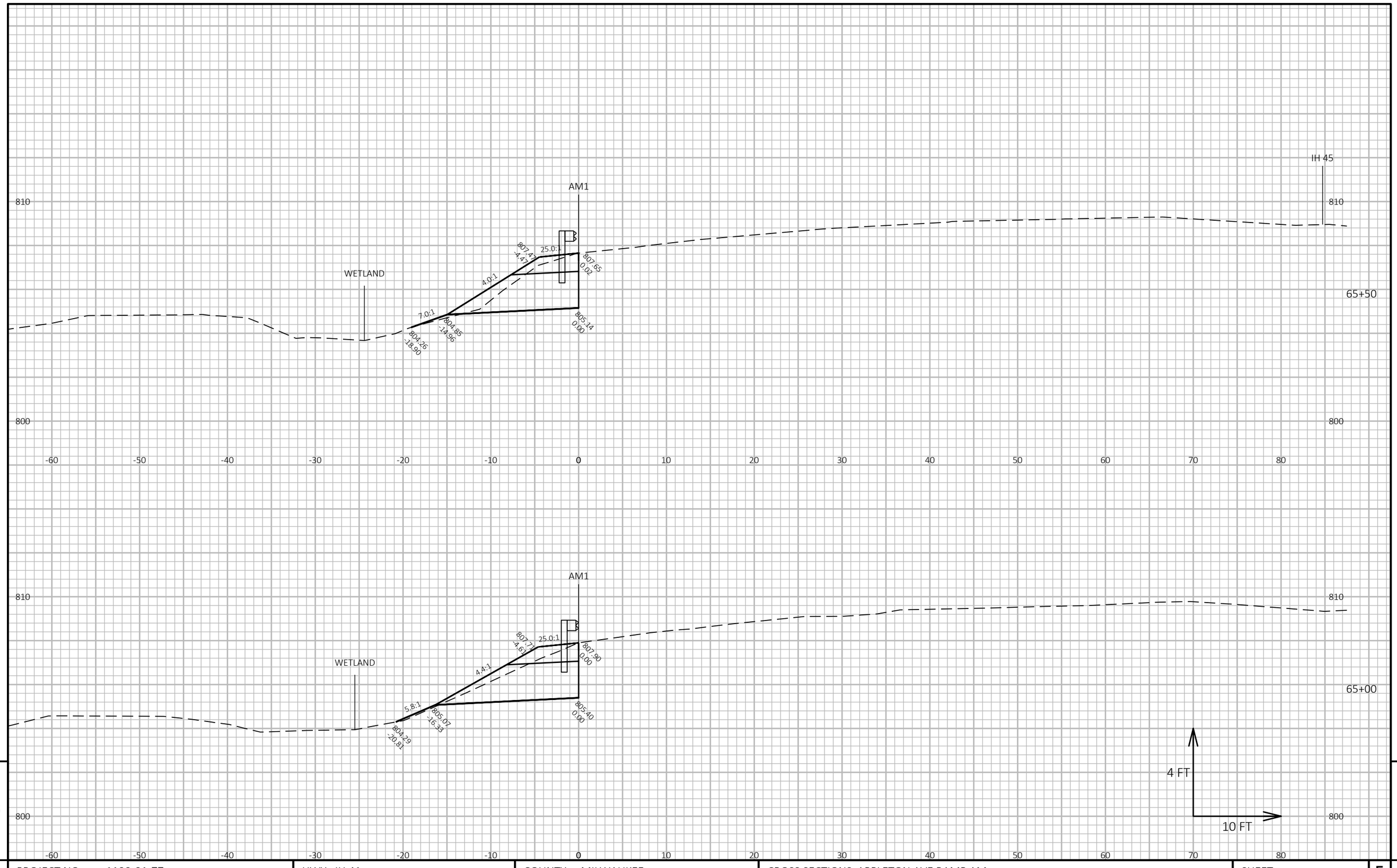
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_255

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090203_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:30 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



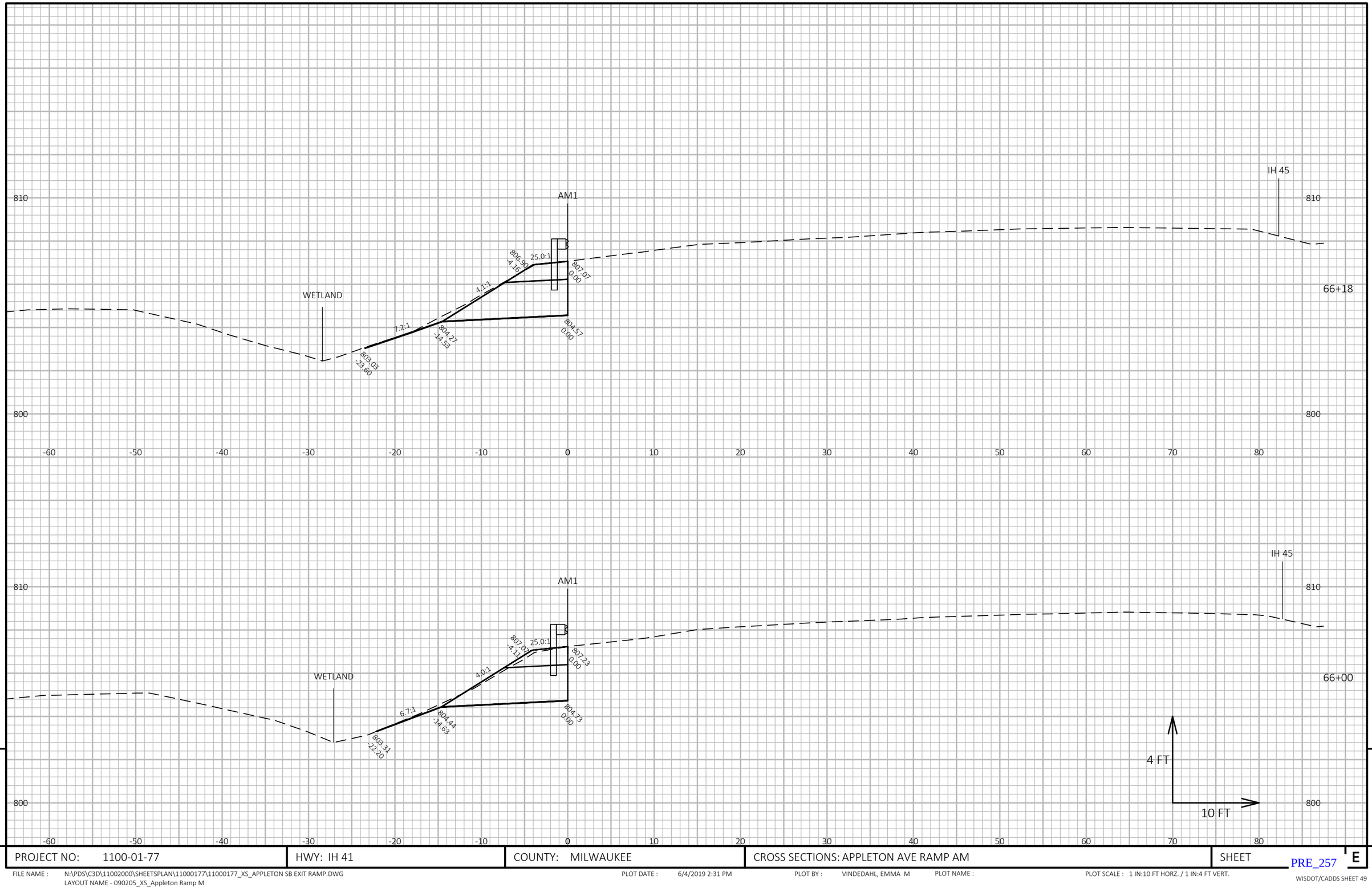
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_256

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090204_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:31 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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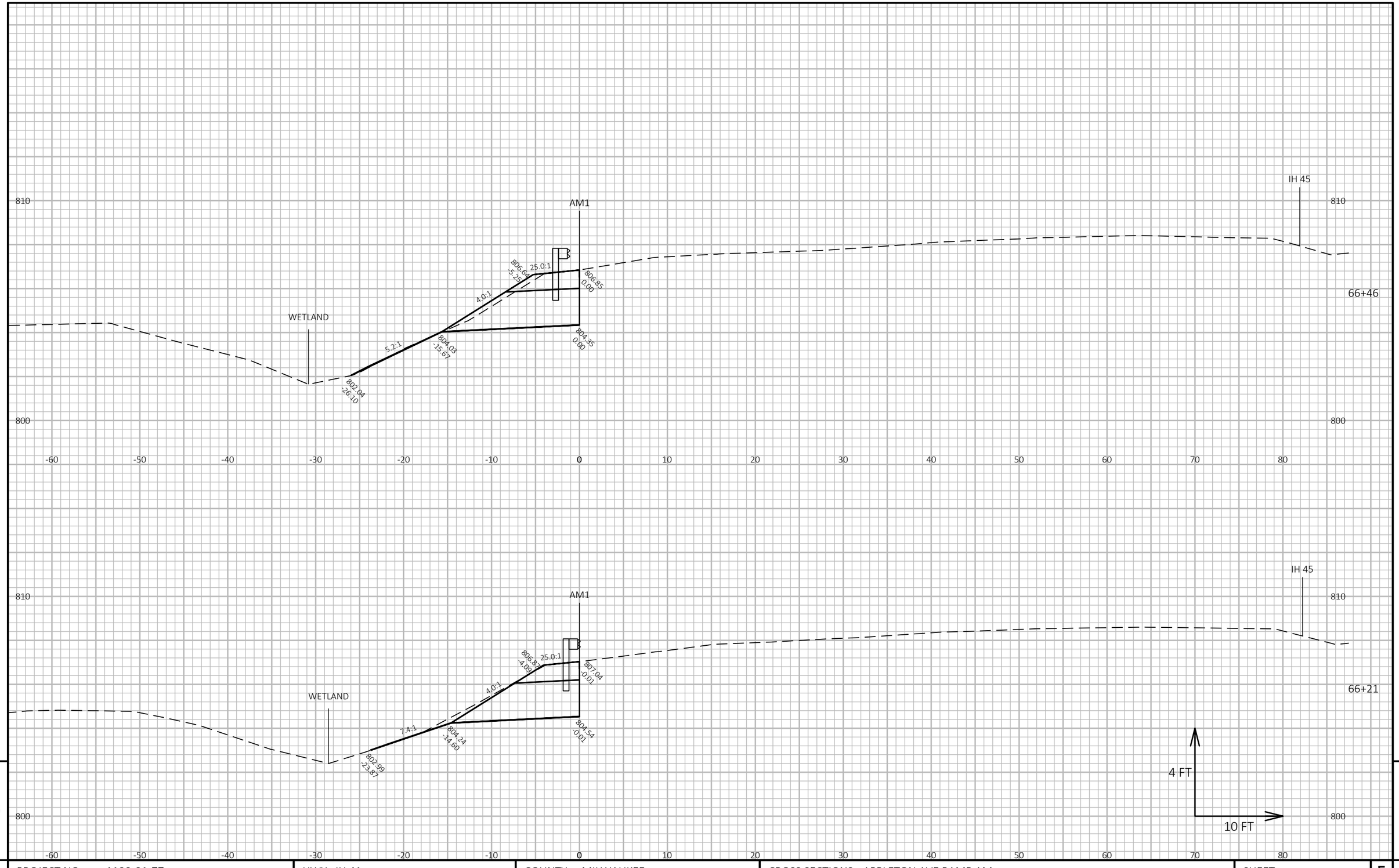
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_257

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090205_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:31 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_258

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090206_XS_Appleton Ramp M

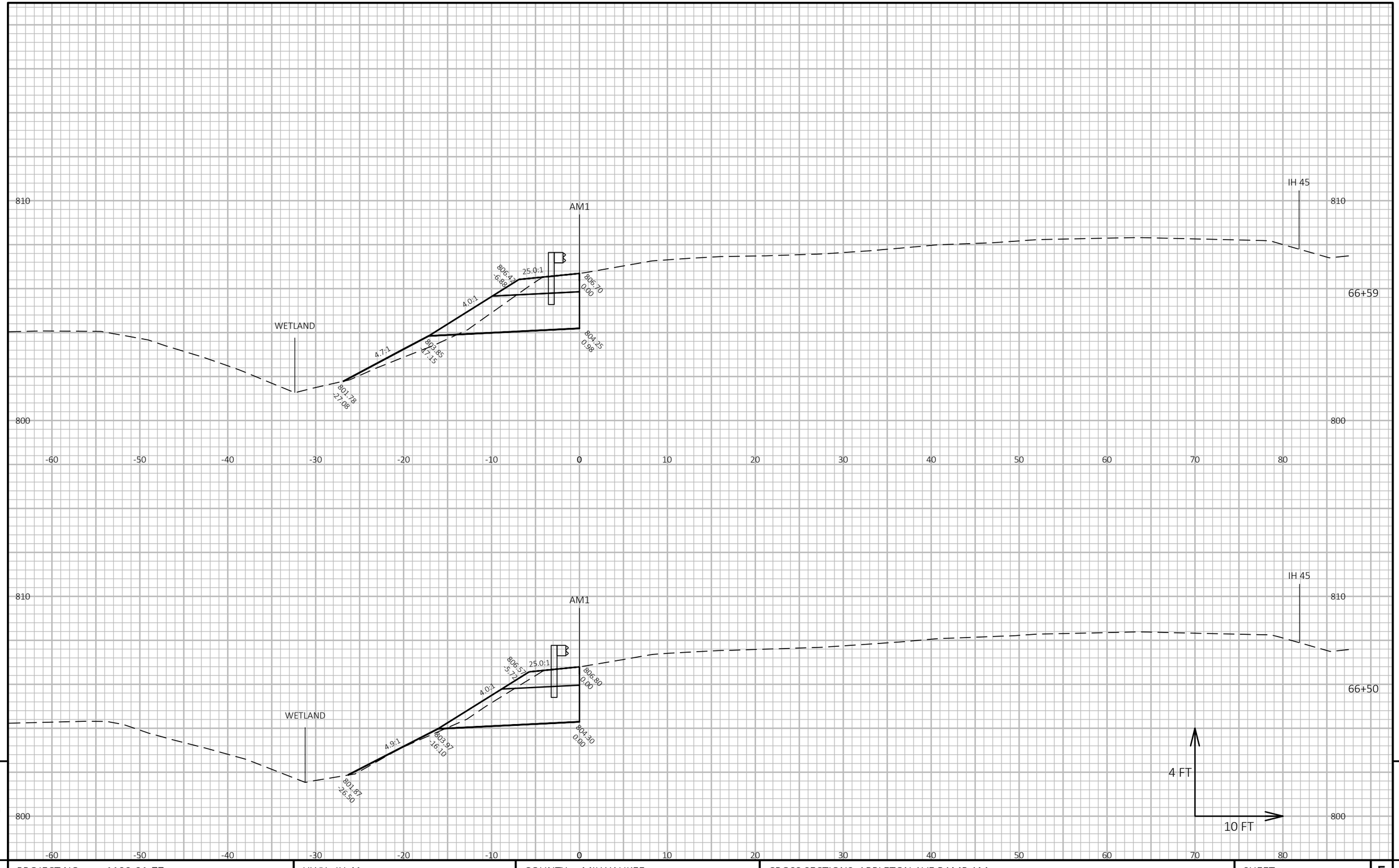
PLOT DATE : 6/4/2019 2:32 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_259

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090207_XS_Appleton Ramp M

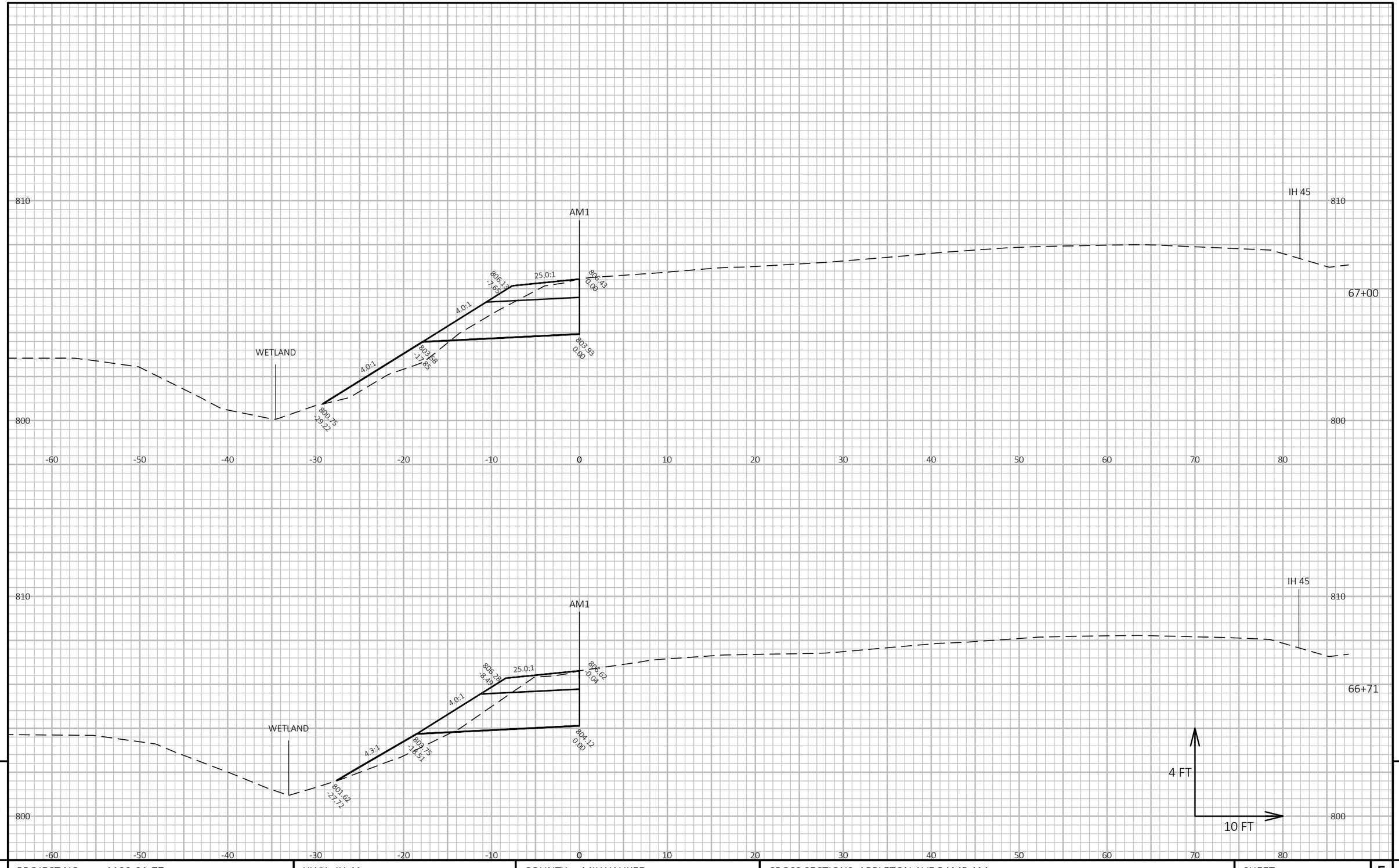
PLOT DATE : 6/4/2019 2:32 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET

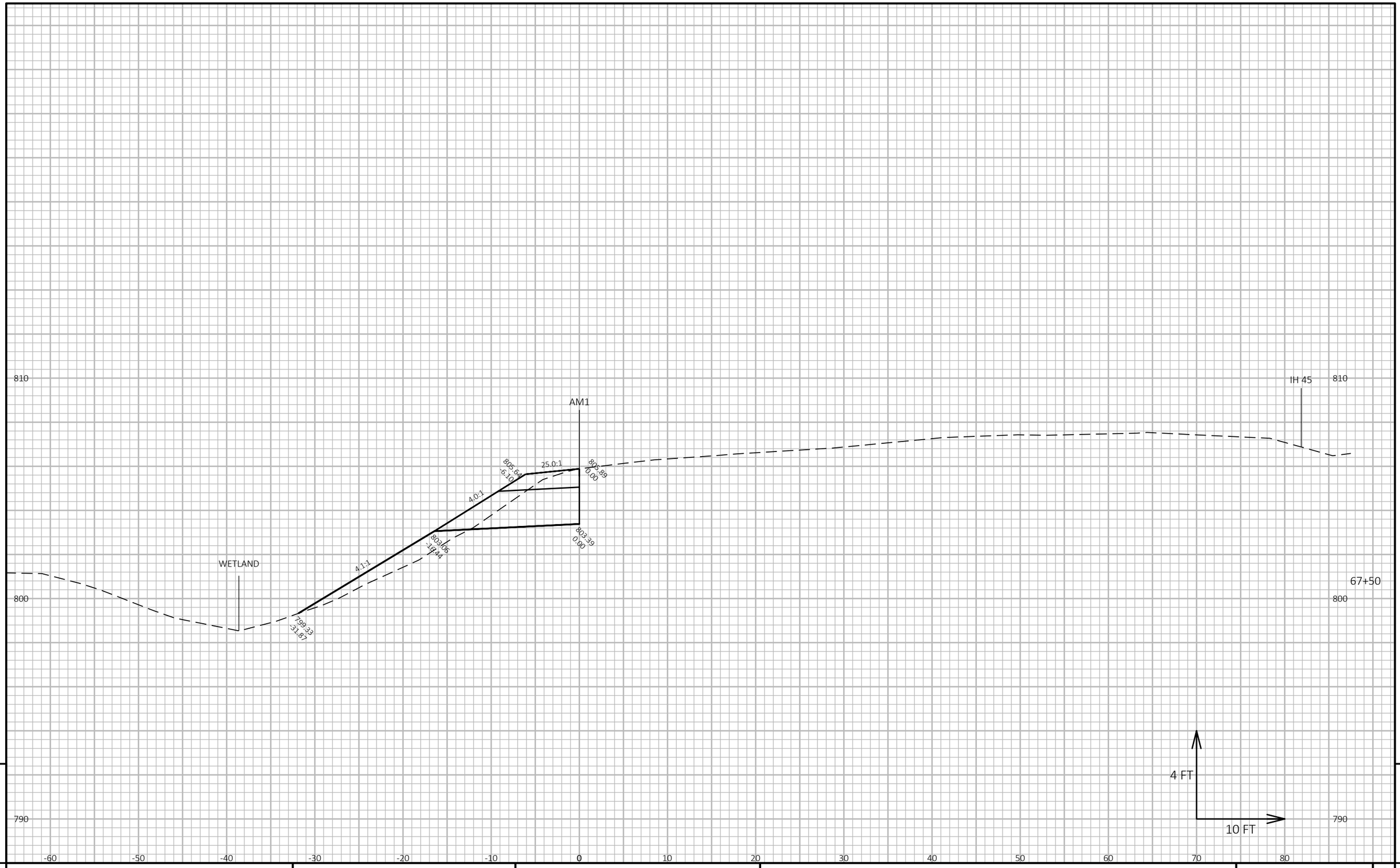
PRE_260

E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090208_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:33 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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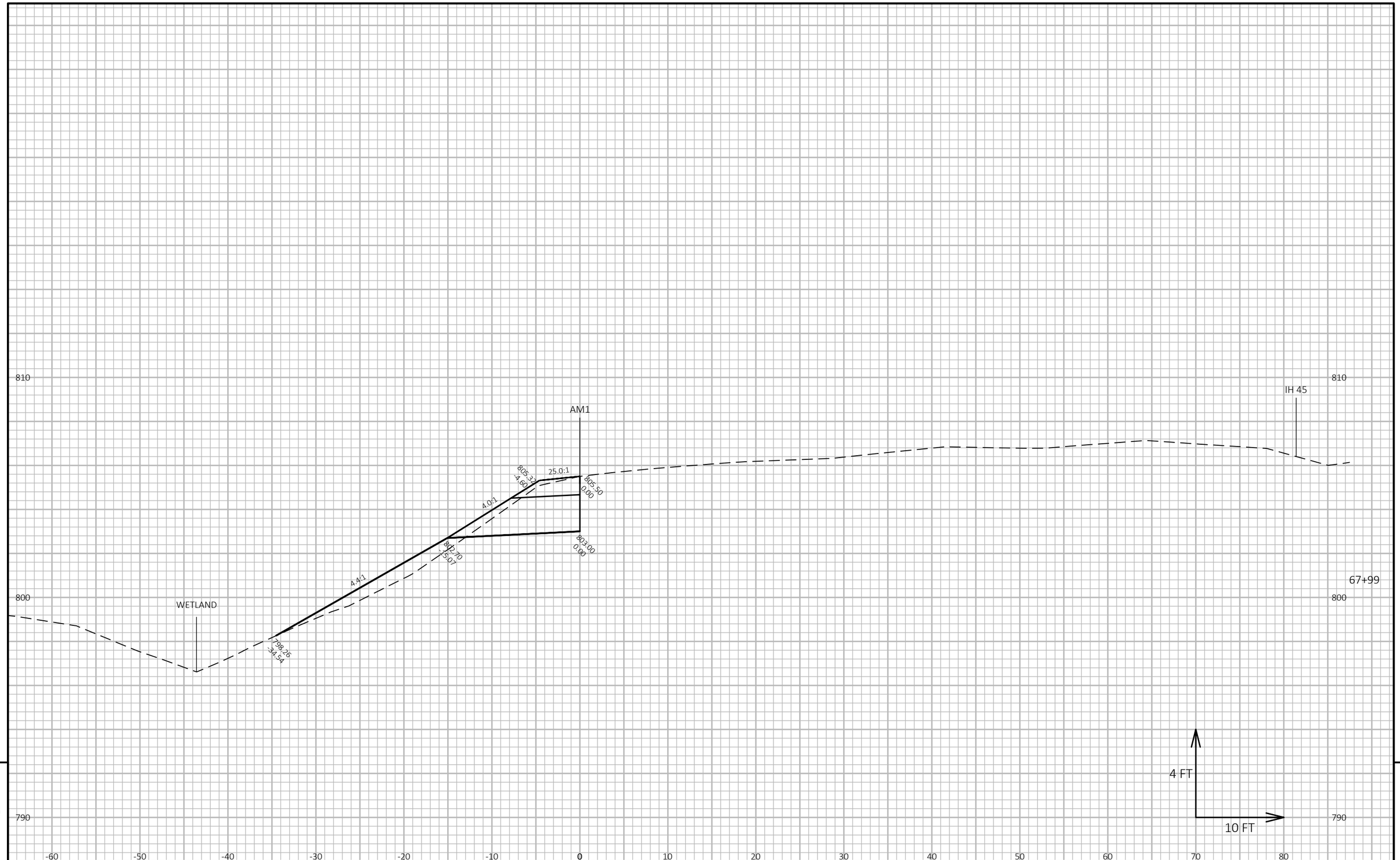
PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

PRE_261

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090209_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:33 PM PLOT BY : VINDEDAHL, EMMA M PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

WISDOT/CADDS SHEET 49



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9

PROJECT NO: 1100-01-77	HWY: IH 41	COUNTY: MILWAUKEE	CROSS SECTIONS: APPLETON AVE RAMP AM	SHEET E

FILE NAME : N:\PDS\C3D\11002000\SHEETSPLAN\11000177\11000177_XS_APPLETON SB EXIT RAMP.DWG
LAYOUT NAME - 090210_XS_Appleton Ramp M

PLOT DATE : 6/4/2019 2:34 PM

PLOT BY : VINDEDAHL, EMMA M

PLOT NAME :

PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:4 FT VERT.

PRE_262

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