

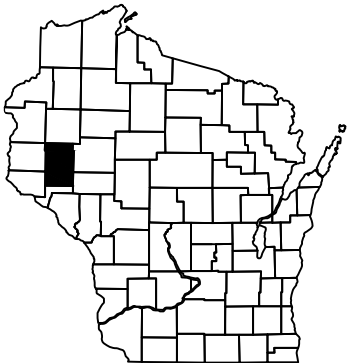
PROJECT ID: 1022-03-74
WITH: 1022-06-72

COUNTY: DUNN

ORDER OF SHEETS

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

TOTAL SHEETS =



DESIGN DESIGNATION

A.A.D.T. (2015)	=	34,300
A.A.D.T. (2035)	=	44,500
D.H.V.	=	4,673
D.D.	=	58/42
T.	=	25.0% OF AADT
DESIGN SPEED	=	70 MPH
ESALS	=	30,100,000

CONVENTIONAL SYMBOLS

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

PROFILE	
GRADE LINE	----
ORIGINAL GROUND	----
MARSH OR ROCK PROFILE (To be noted as such)	----
SPECIAL DITCH	----
GRADE ELEVATION	95.36
CULVERT (Profile View)	----
UTILITIES	
ELECTRIC	----
FIBER OPTIC	----
GAS	----
SANITARY SEWER	----
STORM SEWER	----
TELEPHONE	----
WATER	----
UTILITY PEDESTAL	----
POWER POLE	----
TELEPHONE POLE	----

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION
PLAN OF PROPOSED IMPROVEMENT

MENOMONIE - EAU CLAIRE MENOMONIE - EAU CLAIRE
(RED CEDAR RIVER TO USH 12/STH 29 (EB)) (RED CEDAR RIVER TO USH 12/STH 29 (WB))

IH 94
DUNN COUNTY

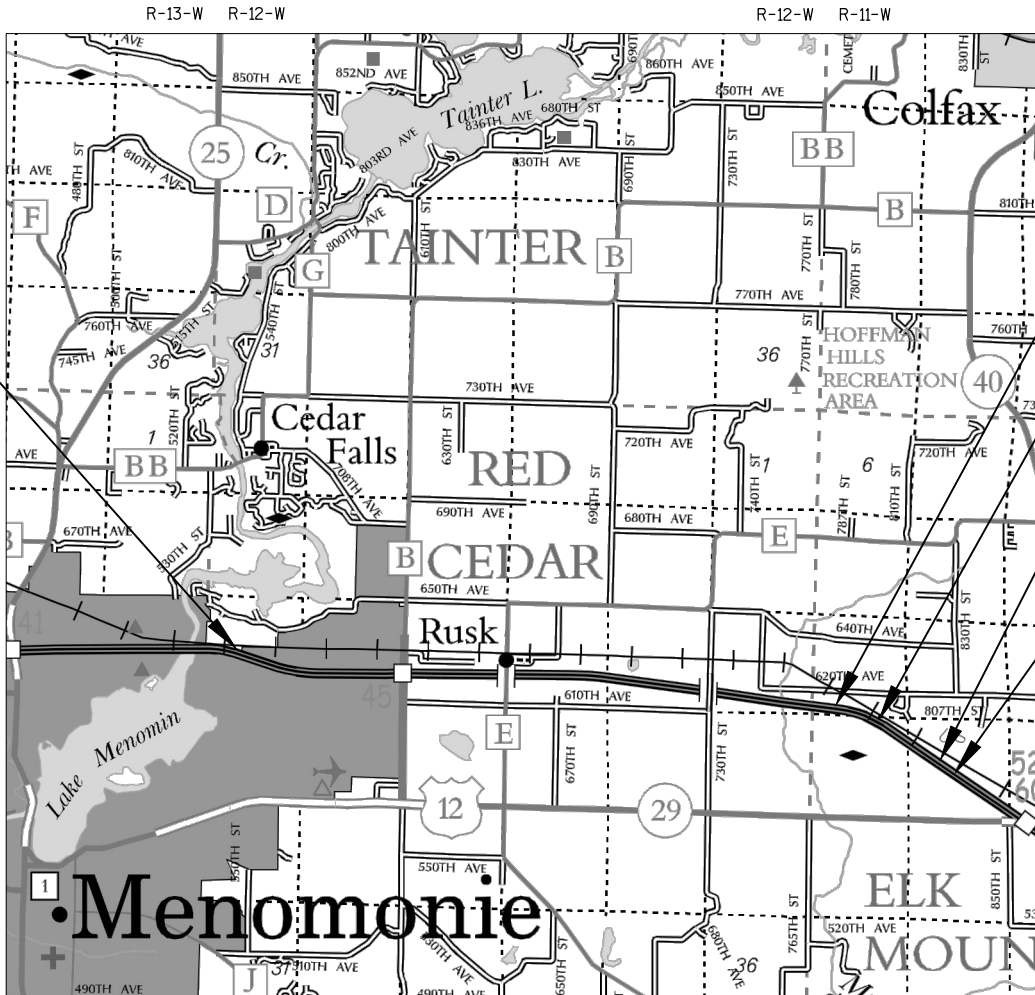
STATE PROJECT NUMBER
1022-03-74

IH 94
DUNN COUNTY

STATE PROJECT NUMBER
1022-06-72

BEGIN PROJECT
1022-03-74
STA. 182+60'E'
1022-06-72
STA. 187+75'W'

T-29-N
T-28-N



LAYOUT
SCALE 0 1 MI.

TOTAL NET LENGTH OF CENTERLINE = 7.450 MI. (1022-03-74)
TOTAL NET LENGTH OF CENTERLINE = 7.335 MI. (1022-06-72)

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, DUNN COUNTY, NAD83 (2005), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

EXCEPTION TO NET CENTERLINE LENGTH
STA. 494+65'E' - 495+30'E'
(STRUCTURES B-17-34 & 35)

EXCEPTION TO NET CENTERLINE LENGTH
STA. 516+95'E' - 517+28'E'
(STRUCTURES B-17-36 & 37)

EXCEPTION TO NET CENTERLINE LENGTH
STA. 564+65'E' - 565+00'E'
(STRUCTURES B-17-38 & 39)

END PROJECT
1022-03-74
STA. 576+00'E'
1022-06-72
STA. 576+30'W'

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	NW REGION, EAU CLAIRE
Designer	K. KOPACZ
Project Manager	S. LAMBELE
Regional Examiner	D. OJIBWAY
Regional Supervisor	R. SHERMO

APPROVED FOR THE DEPARTMENT

DATE: (Signature)

E

UTILITIES CONTACTS

24-7 TELCOM INC.
MR. GARY WAYNE
P.O. BOX 115
DOWNSVILLE, WI 54735
PHONE: 715-664-8311 (CELL 715-308-1915)

AT&T LEGACY
MR. BILL KOENIG
P.O. BOX 244
LAKE MILLS, WI 53551
PHONE: 608-628-0575

DAIRYLAND POWER COOPERATIVE
MR. KURT CHILDS
3200 EAST AVE. SOUTH
P.O. BOX 817
LACROSSE, WI 54602-0817
PHONE: 608-788-4000

DUNN COUNTY ELECTRIC COOPERATIVE
MR. MIKE ANDRASCHKO
P.O. BOX 220
MENOMONIE, WI 54751
PHONE: 715-232-6240

NETWORK RELOCATIONS LEVEL 3 COMMUNICATIONS LLC
MS. NICKY WORTHINGTON
1025 ELDORADO BLVD.
BROOMFIELD, CO 80021
PHONE: ???-??-????

CITY OF MENOMONIE - WATER DEPT.
MR. RANDY EIDE
800 WILSON AVE.
MENOMONIE, WI 54751-2734
PHONE: 715-232-2207

XCEL ENERGY (TRANS.)
MS. DAWN SCHULTZ
1414 W. HAMILTON AVE.
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: 715-737-2482

XCEL ENERGY (DISTR.)
MS. DAWN SCHULTZ
1414 W. HAMILTON AVE.
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: 715-737-2482

XCEL ENERGY (GAS)
MS. DAWN SCHULTZ
1414 W. HAMILTON AVE.
P.O. BOX 8
EAU CLAIRE, WI 54702-0008
PHONE: 715-737-2482

QWEST COMMUNICATIONS
MR. BOB SAMPSON
1310 EAST MARY ST.
OTTUMWA, IA 52501
PHONE: 636-887-5367

AT&T WISCONSIN
MR. RICK PODOLAK
304 SOUTH DEWEY ST.
EAU CLAIRE, WI 54701
PHONE: 715-839-5565

DIGGERSHOTLINE

Dial  or (800)242-8511

www.DiggersHotline.com

GENERAL NOTES

THE EXACT LOCATIONS OF BUTT JOINTS AND CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL ARE TO BE DETERMINED BY THE ENGINEER.

BEAM GUARD RAIL HEIGHT AT LEAST 27¾INCHES AND LESS THAN 29 INCHES IN THE FINAL CONDITION DOES NOT REQUIRE ADJUSTMENT.

THE EXACT LOCATIONS OF BEAM GUARD ADJUSTMENTS AND REPLACEMENTS ARE TO BE DETERMINED BY THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE RESTORED AS DIRECTED BY THE ENGINEER.

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

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CONTACT THE COUNTY SURVEYOR CONCERNING MONUMENT AND PROPERTY CORNER PRESERVATION.

TYPICAL FINISHED SECTIONS SHOW THE GENERAL ROADWAY FEATURES THROUGHOUT THE PROJECT. SLOPES AND DISTANCES MAY VARY WITHIN THE STATION LIMITS.

WHEN THE QUANTITY OF THE ITEM OF HMA PAVEMENT IS MEASURED BY THE TON, THE DEPTH OR THICKNESS OF THE COURSE SHOWN ON THE PLANS IS APPROXIMATE, AND THE ACTUAL THICKNESS WILL DEPEND ON THE THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER.

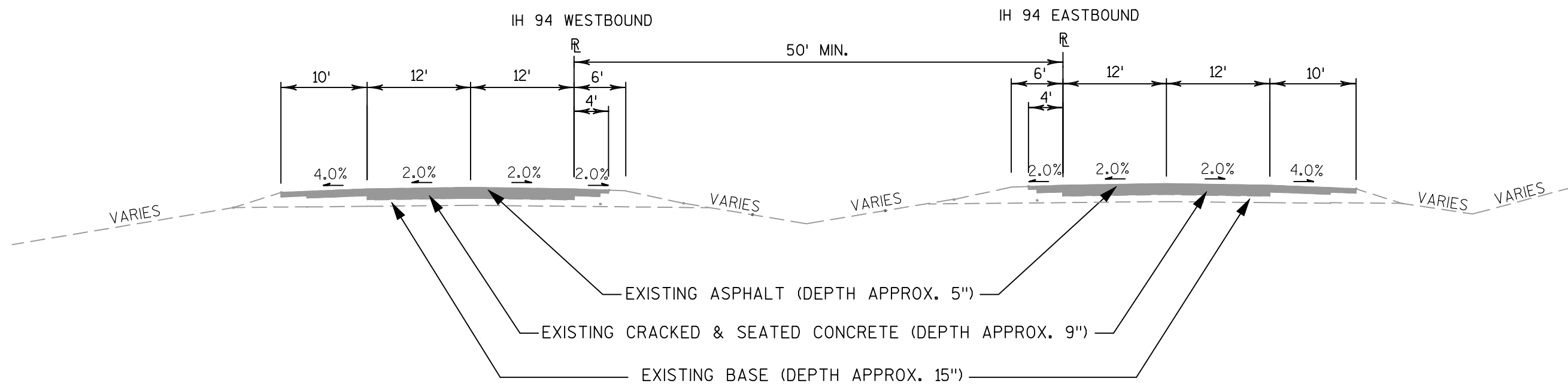
LOCATIONS FOR PERMANENT SIGNS SHOWN ON THE PLAN ARE APPROXIMATE. ACTUAL LOCATIONS OF PERMANENT SIGNS ARE TO BE COORDINATED IN THE FIELD BY THE ENGINEER.

PAVEMENT MARKING PAINT FOR LANE LINES ARE INTENDED TO BE INTERIM LANE LINE MARKINGS UNTIL GROOVES CAN BE CUT IN THE NEW ASPHALT SURFACE FOR WET REFLECTIVE TAPE APPLICATION. CUT THE GROOVES FOR WET REFLECTIVE TAPE APPLICATION AT THE SAME LOCATION WHERE THE PAVEMENT MARKING PAINT WAS APPLIED AS LANE LINES.

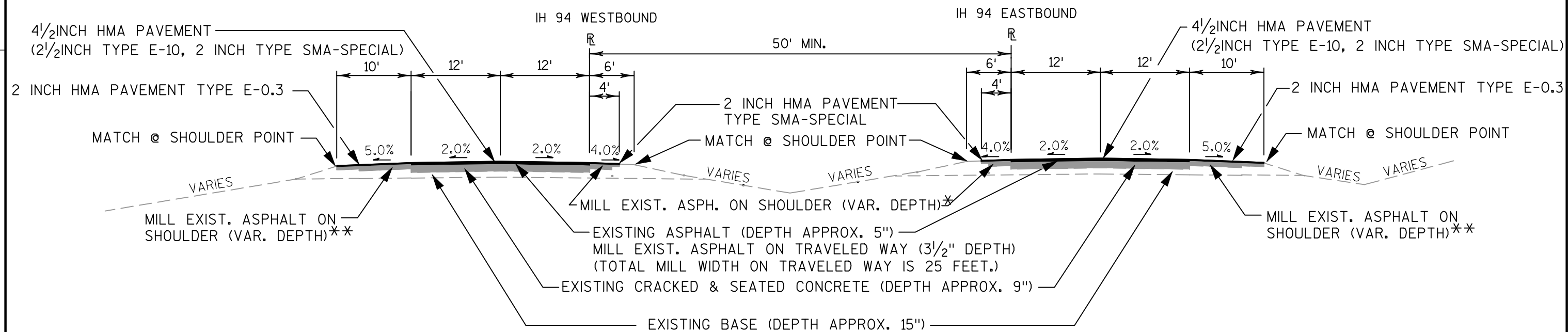
THE 4½" HMA PAVEMENT SHALL BE PLACED WITH A 2½" 19.0 mm TYPE E-10 LOWER LAYER AND A 2" TYPE SMA-SPECIAL UPPER LAYER.
THE 3" HMA PAVEMENT SHALL BE PLACED WITH A 1" 9.5 mm TYPE E-10 LEVELING LAYER AND A 2" 12.5 mm TYPE E-10 UPPER LAYER.
THE 2" HMA PAVEMENT SHALL BE PLACED IN ONE LAYER WITH A 2" 12.5 mm TYPE E-10.

MAINTENACE AND REPAIR OF TEMPORAY WEDGE JOINT WILL BE INCIDENTAL TO THE APPROPRIATE HMA PAVEMENT BID ITEM.

TRAFFIC CONTROL NEEDED DURING MAINTENACE AND REPAIRS TEMPORAY WEDGE JOINT WILL BE INCIDENTAL TO THE TRAFFIC CONTROL PROJECT BID ITEM.



TYPICAL EXISTING SECTION
IH 94
(RED CEDAR R. - USH 12/STH 29)



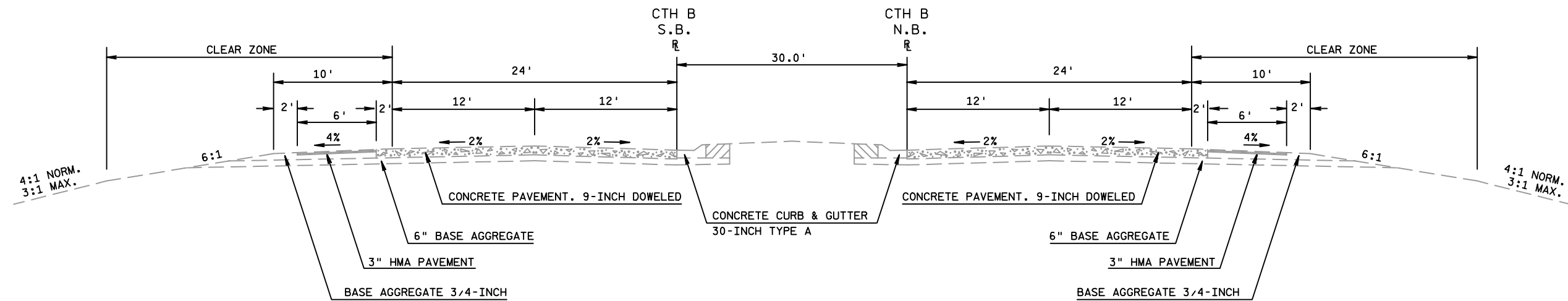
TYPICAL FINISHED SECTION
IH 94
(RED CEDAR R. - USH 12/STH 29)

STA. 187'W'+75 TO 460'W'+20
STA. 463'W'+20 TO 494'W'+75
STA. 495'W'+35 TO 517'W'+15
STA. 517'W'+45 TO 564'W'+95
STA. 565'W'+25 TO 576'W'+30

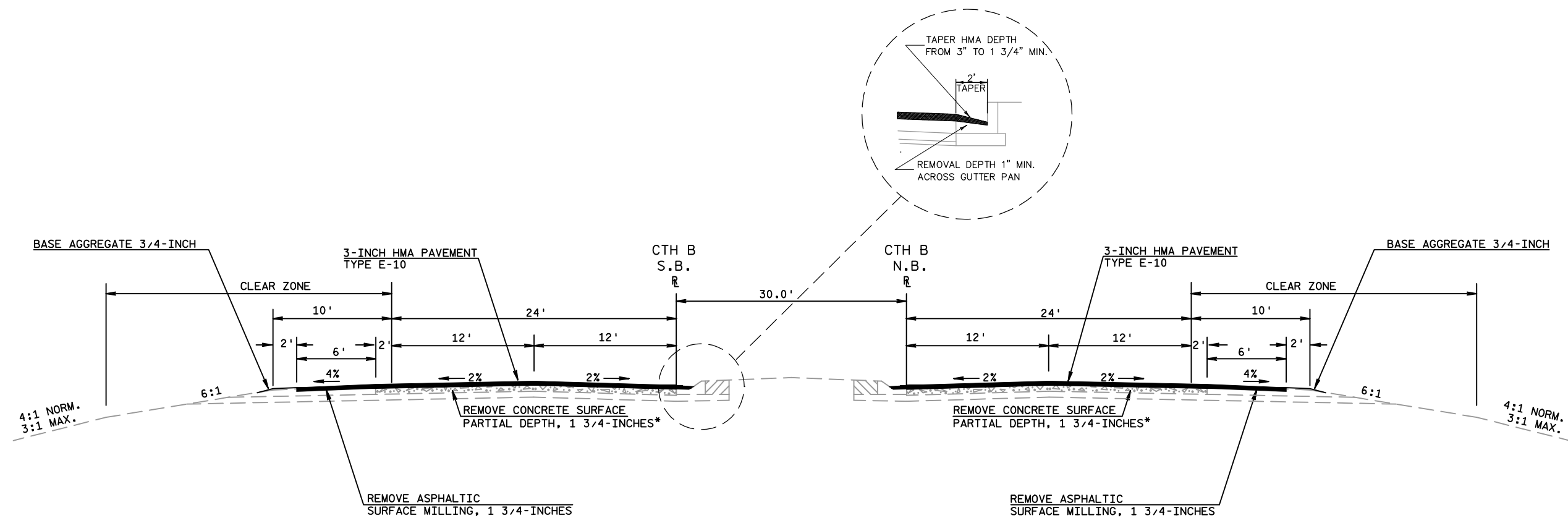
STA. 182'E'+60 TO 494'E'+65
STA. 495'E'+30 TO 516'E'+95
STA. 517'E'+25 TO 564'E'+65
STA. 565'E'+00 TO 576'E'+00

*MILL EXIST. ASPHALT ON INSIDE SHOULDERS 1" DEPTH
AT LANE EDGE TO 2" DEPTH AT PAVED SHOULDER EDGE.

**MILL EXIST. ASPHALT ON OUTSIDE SHOULDERS 1" DEPTH
AT LANE EDGE TO 2 1/4" DEPTH AT PAVED SHOULDER EDGE.



TYPICAL EXISTING SECTION
CTH B

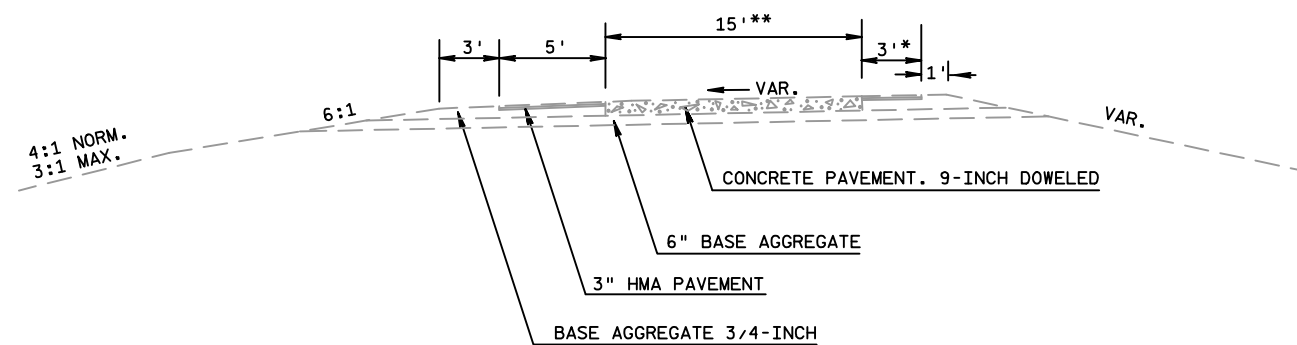


TYPICAL FINISHED SECTION
CTH B

* INCLUDES GUTTER PAN. SEE DETAIL FOR WORK AROUND EXISTING INLETS.

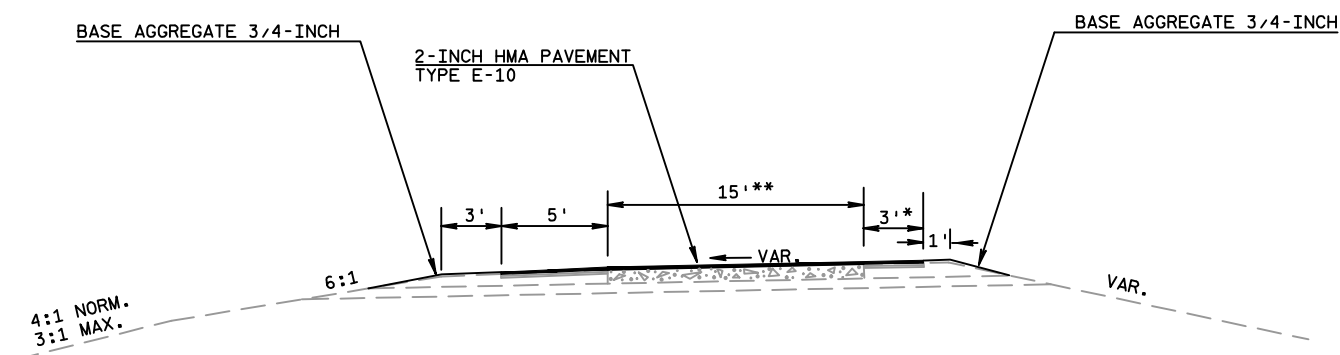
STA. 408'SB'+10 - 413'SB'+70
STA. 415'SB'+75 - 419'SB'+80

STA. 409'NB'+50 - 413'NB'+70
STA. 415'NB'+75 - 421'NB'+30



* WIDENS TO 4' AT OFF RAMPS NEAR CTH B
 ** WIDENS UP TO 27' AT OFF RAMPS NEAR CTH B

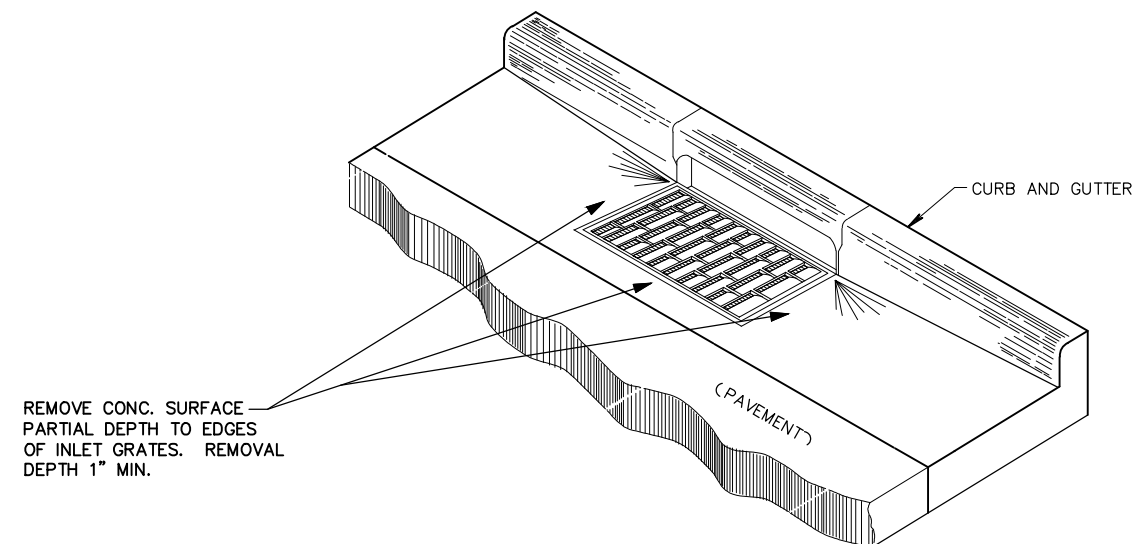
TYPICAL EXISTING SECTION
 CTH B RAMPS



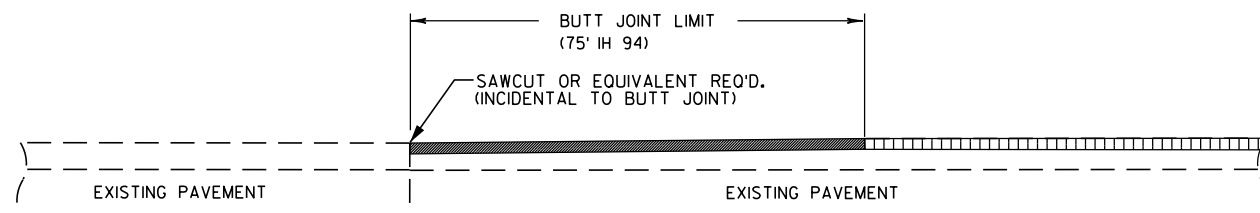
* WIDENS TO 4' AT OFF RAMPS NEAR CTH B
 ** WIDENS UP TO 27' AT OFF RAMPS NEAR CTH B

TYPICAL FINISHED SECTION
 CTH B RAMPS

STA. 262'NW'+30 - 272'NW'+80
 STA. 260'SW'+30 - 272'SW'+75
 STA. 272'NE'+65 - 285'NE'+60
 STA. 272'SE'+60 - 283'SE'+80



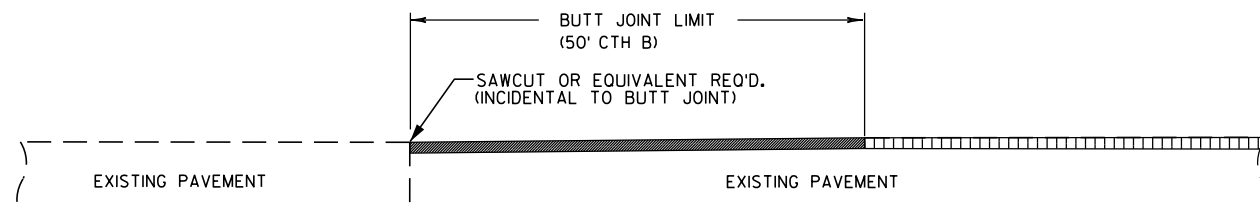
SURFACE REMOVAL AT EXISTING INLETS DETAIL



REMOVING ASPHALTIC SURFACE MILLING
REMOVING ASPHALTIC SURFACE BUTT JOINTS

BUTT JOINT DETAIL (ASPHALT)

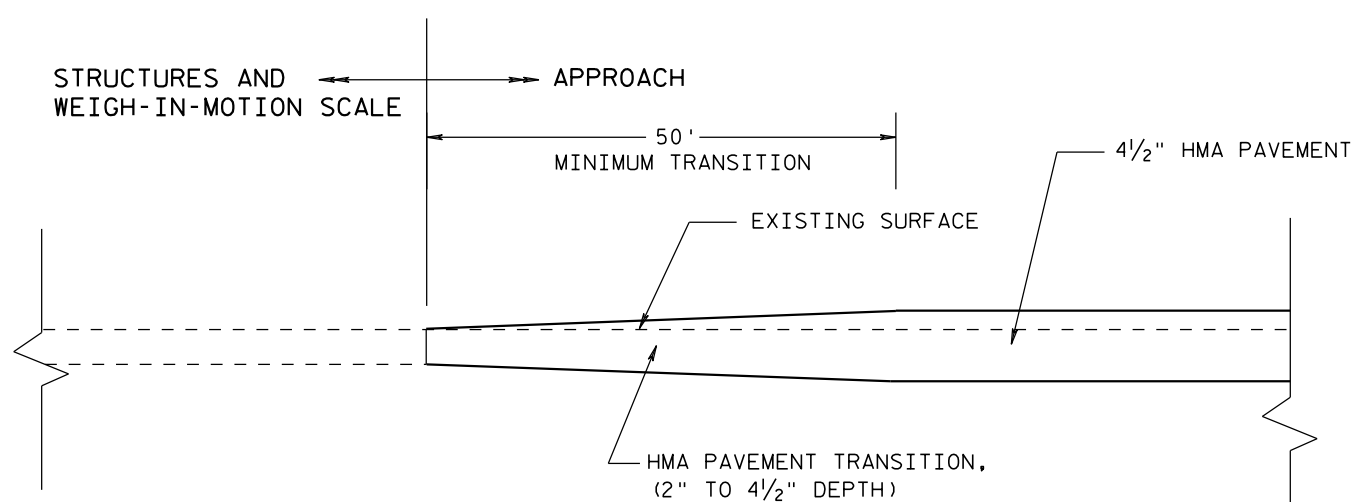
EXACT LOCATIONS DETERMINED BY THE ENGINEER.



REMOVING CONCRETE SURFACE PARTIAL DEPTH
REMOVING PAVEMENT BUTT JOINTS

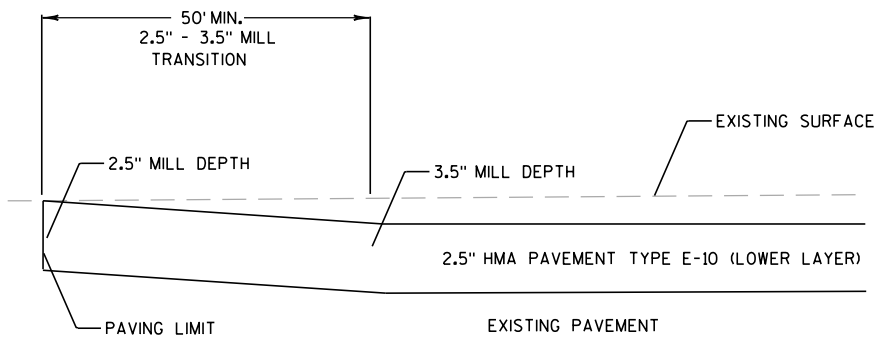
BUTT JOINT DETAIL (CONCRETE)

EXACT LOCATIONS DETERMINED BY THE ENGINEER.



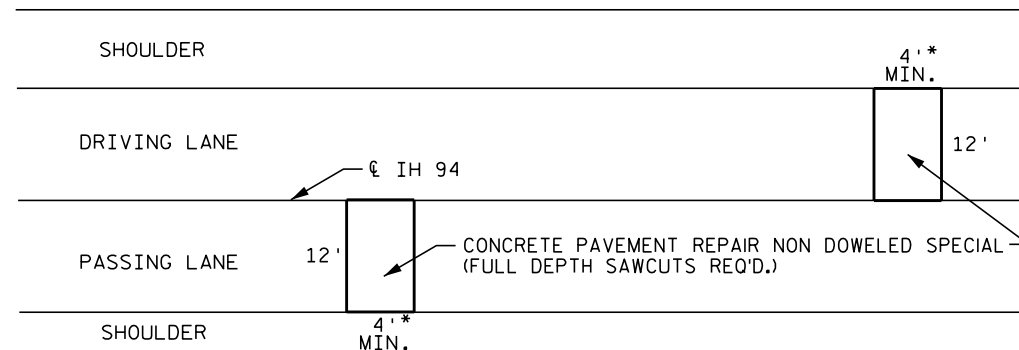
PAVEMENT TRANSITION NEAR STRUCTURES AND WEIGH-IN-MOTION SCALE ON IH 94 DETAIL

STRUCTURES B-17-34&35, 36&37, 38&39
WEIGH-IN-MOTION SCALE



JOINT TRANSITION DETAIL: LOWER LAYER

REQUIRED AT BEGIN AND END PRIOR TO OPENING TO TRAFFIC



PLAN VIEW

* 4'-8' TYPICAL OR AS DIRECTED BY THE ENGINEER.

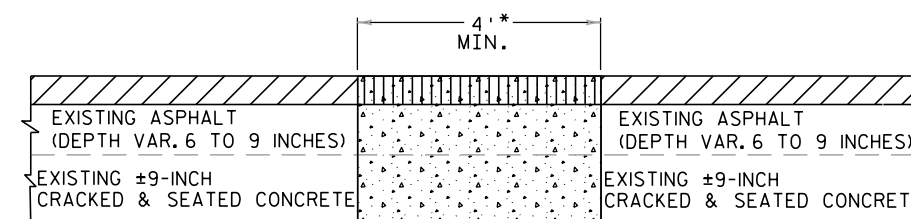
NOTES

DAMAGE TO EITHER EXISTING PAVEMENTS OR EXISTING SHOULDERS DURING CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL SHALL BE REPAIRED AND CONSIDERED INCIDENTAL TO THE ITEM OF CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL.

SAWING EXISTING ASPHALT OVERLAYED ON CONCRETE IS CONSIDERED INCIDENTAL TO SAWING CONCRETE.

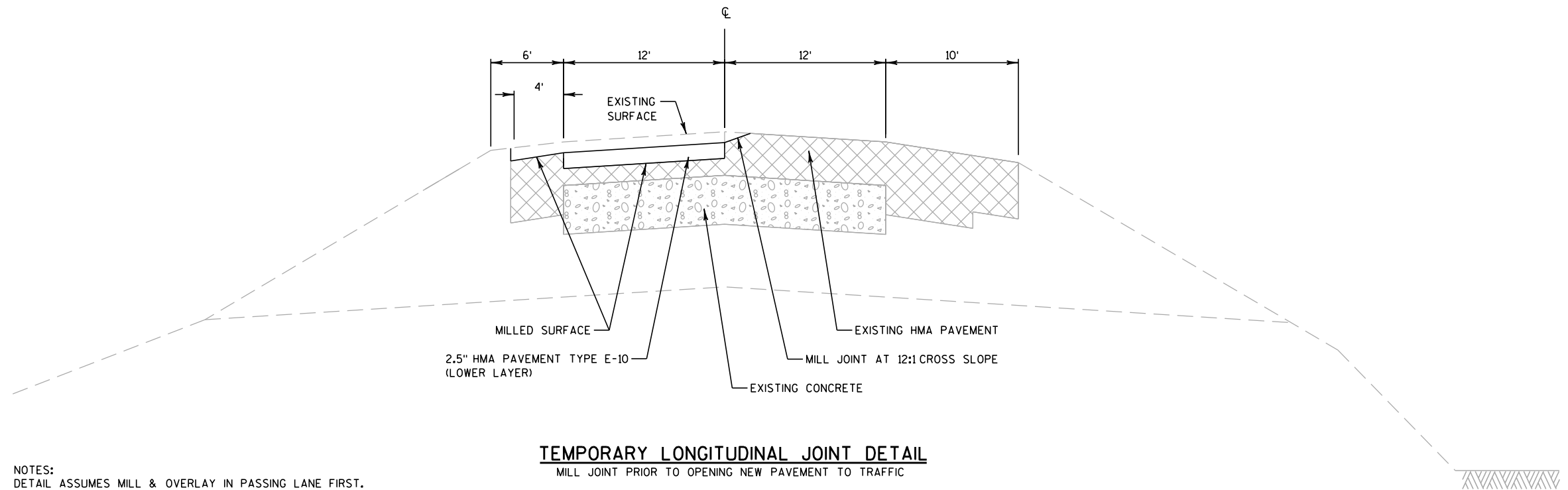
CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL DETAIL

EXACT LOCATIONS DETERMINED BY THE ENGINEER.

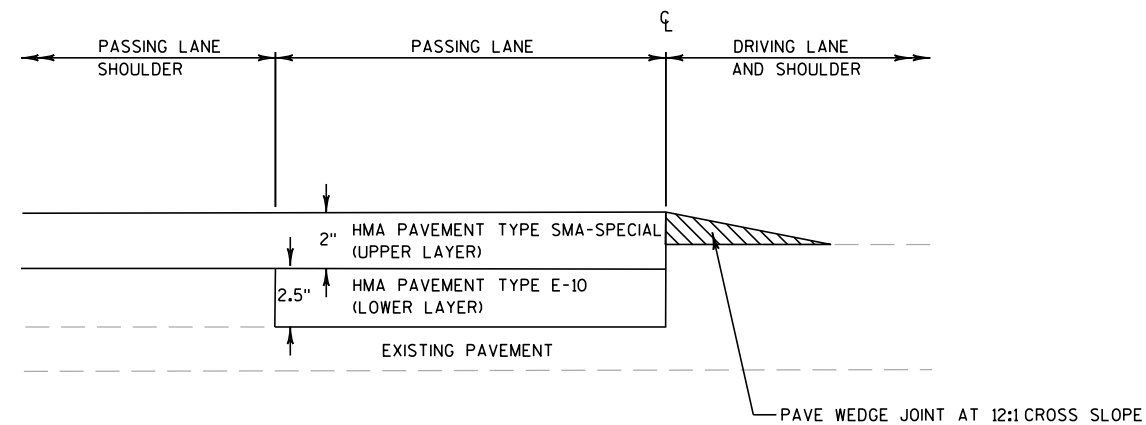


SIDE VIEW

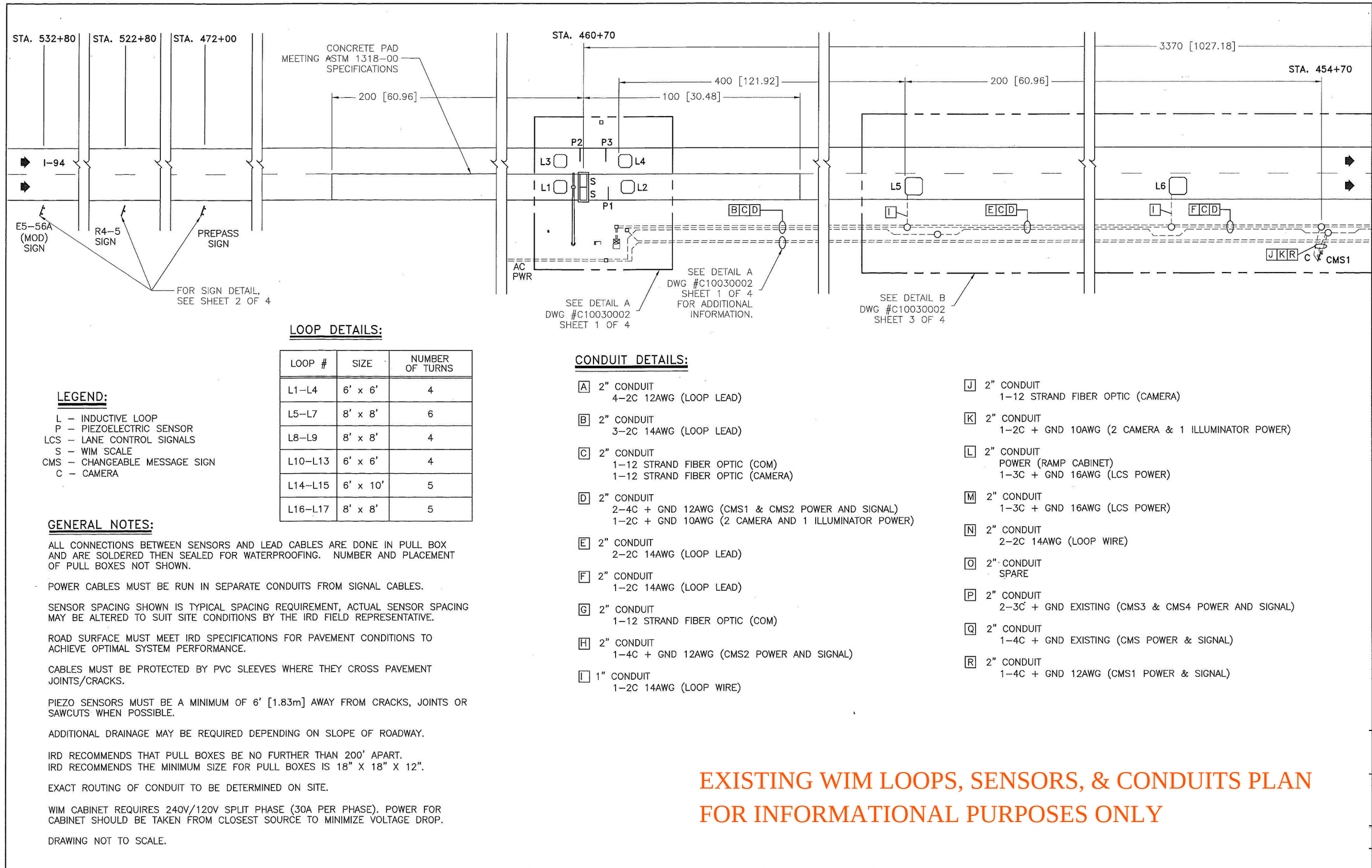
REMOVING ASPHALTIC SURFACE MILLING AND PAVE WITH HMA PAVEMENT
REMOVING CONCRETE SURFACE PARTIAL DEPTH AND PAVE WITH HMA PAVEMENT
CONCRETE PAVEMENT REPAIR NON DOWELED SPECIAL

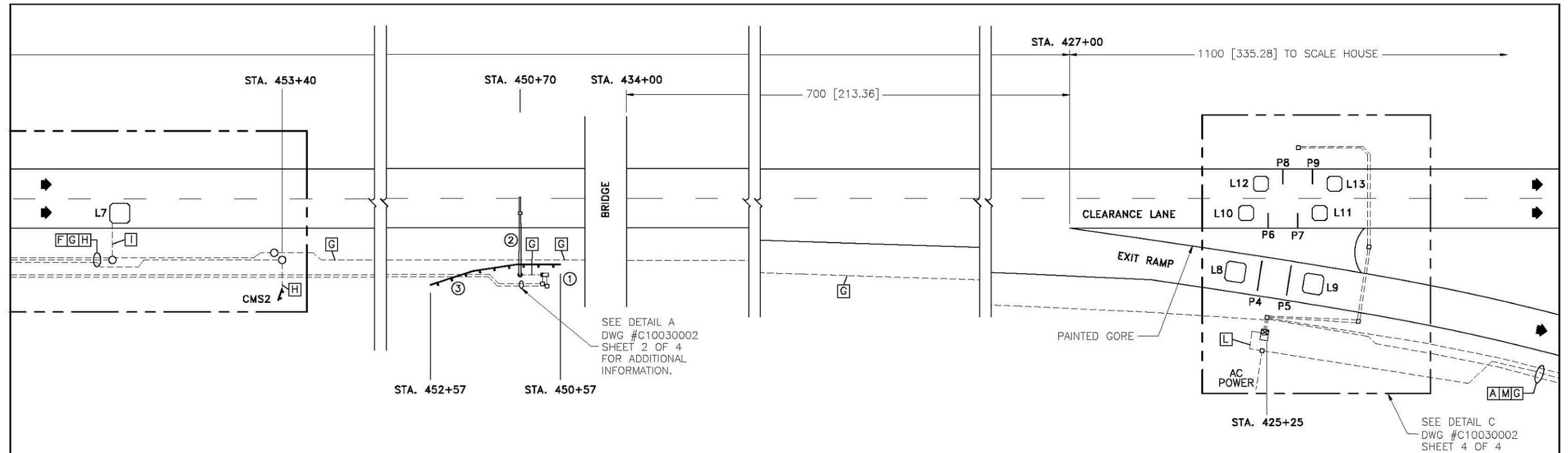


NOTES:
DETAIL ASSUMES MILL & OVERLAY IN PASSING LANE FIRST.
MIRROR JOINT IF MILL & OVERLAY IS COMPLETED IN DRIVING LANE FIRST.
MILL AND REMOVE TEMPORARY JOINT PRIOR TO OPENING LANE TO TRAFFIC.



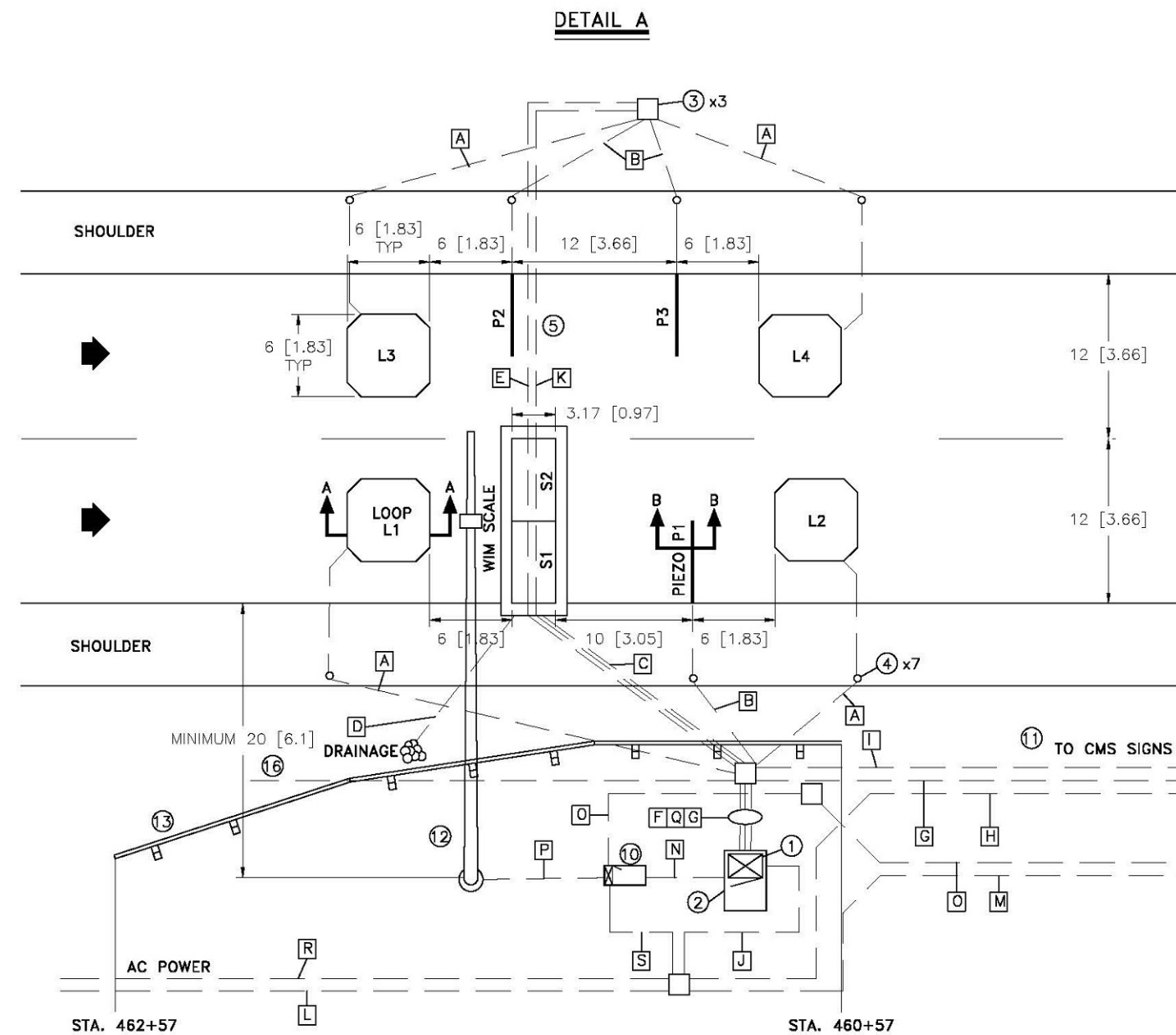
NOTES:
DETAIL ASSUMES MILL & OVERLAY IN PASSING LANE FIRST.
MIRROR JOINT IF MILL & OVERLAY IS COMPLETED IN DRIVING LANE FIRST.
PLACE TEMPORARY WEDGE JOINT PRIOR TO OPENING LANE TO TRAFFIC.



**NOTES:** (THIS SHEET ONLY)

- ① PREPASS CABINET BY ACS.
- ② POLE WITH SCALA ANTENNA. SEE PREPASS DWG WI-5.1 AND WI-7.3 FOR DETAILS (BY ACS).
- ③ GUARDRAIL PROVIDED BY OTHERS.

**EXISTING WIM LOOPS, SENSORS, & CONDUITS PLAN
FOR INFORMATIONAL PURPOSES ONLY**



NOTES: (THIS SHEET ONLY)
SEE SHEET 2 OF 4 FOR NOTES.

**EXISTING WIM LOOPS, SENSORS, & CONDUITS PLAN
FOR INFORMATIONAL PURPOSES ONLY**

CONDUIT DETAILS: (THIS DRAWING ONLY)

- [A] 1" CONDUIT
1-2C 14AWG (LOOP WIRE)
- [B] 1" CONDUIT
1-RG58 COAXIAL CABLE (PIEZO LEAD)
- [C] 3" CONDUIT
2-3PR 20AWG (SLC LEAD)
4-2C 18AWG (OFF-SCALE LEAD)
- [D] 1 1/2" ABS CONDUIT (DRAINAGE)
- [E] 2" CONDUIT
2- RG58 COAXIAL CABLE (PIEZO LEAD)
- [F] 2" CONDUIT
7-2C 18AWG (LOOP LEAD)
- [G] 2" CONDUIT
1-12 STRAND FIBER OPTIC (COM)
1-12 STRAND FIBER OPTIC (CAMERA)
- [H] 2" CONDUIT
2-4C + GND 12AWG (CMS1 & CMS2 POWER & SIGNAL)
1-2C + GND 10AWG (2 CAMERA & 1 ILLUMINATOR POWER)
- [I] 2" CONDUIT
3-2C 14AWG (LOOP LEAD)
- [J] 3" CONDUIT
WIM CABINET POWER
2-4C + GND 12AWG (CMS1 & CMS2 POWER AND SIGNAL)
1-2C + GND 10AWG (2 CAMERA & 1 ILLUMINATOR POWER)
- [K] 2" CONDUIT
2-2C 14AWG (LOOP LEAD)
- [Q] 3" CONDUIT
2-3PR 10AWG (SLC LEAD)
4-2C 18AWG (OFF-SCALE LEAD)
3-RG58 COAXIAL CABLE (PIEZO LEAD)
1-TELEPHONE
- [R] 3" CONDUIT
WIM CABINET POWER

PREPASS CONDUIT DETAILS: (THIS DRAWING ONLY) (BY OTHERS)

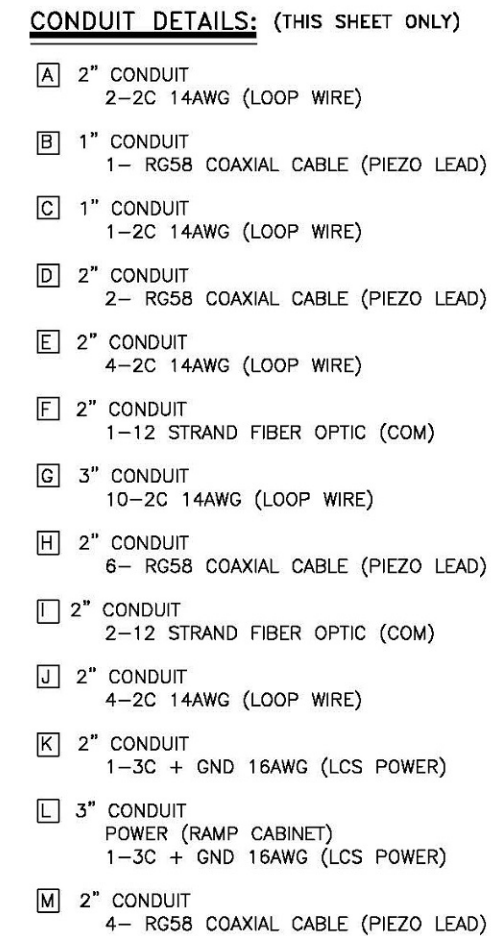
- [L] 2" CONDUIT
ADV AVI POWER (BY ACS)
- [M] 2" CONDUIT
ICN AVI POWER (BY ACS)
- [N] 2" CONDUIT
AVI WIM COMM (BY ACS)
- [O] 2" CONDUIT
FIBER OPTIC CABLE
(CABLE PROVIDED BY ACS)
- [P] 2" CONDUIT
ANTENNA CABLE (BY ACS)
- [S] 2" CONDUIT
ADV AVI POWER (BY ACS)
ICN AVI POWER (BY ACS)

NOTES: (THIS DRAWING ONLY)

- ① CABINET WITH WIM ELECTRONICS.
- ② CABINET BASE.
- ③ PULL BOX.
- ④ DRILL THROUGH SHOULDER FOR CONDUIT.
- ⑤ BORE UNDER ROADWAY.
- ⑥ FOR LOOP AND PIEZO DETAILS, SEE DWG #C10030004.
- ⑦ FOR SLC SCALE DETAILS, SEE DWG #10014701.
- ⑧ CABINET IS PLACED SO THAT THE BACK OF THE CABINET IS FACING THE ROAD.
- ⑨ POWER CONDUITS EXIT THE CABINET ON THE SIDE CONSIDERED LEFT WHEN FACING THE CABINET DOOR.
- ⑩ PREPASS CABINET.
- ⑪ TRENCH UTILITIES 6' FROM SHOULDER.
- ⑫ POLE WITH SCALA ANTENNA. SEE PREPASS DWG WI-5.2 AND 7.3 FOR ADDITIONAL DETAILS.
- ⑬ GAURDRAIL FOR ILLUSTRATIVE PURPOSES ONLY. (PROVIDED BY OTHERS).
- ⑭ ALL PREPASS DETAILS SHOWN FOR ILLUSTRATION ONLY. REFER TO PREPASS WEIGH STATION BYPASS INSTALLATION PLANS PROJECT NUMBER 0150015 FOR DETAILS.
- ⑮ IN CASE OF A DISCREPANCY BETWEEN THESE PLANS AND THE PREPASS AVI PLANS. THE PREPASS PLANS SHALL TAKE PRECEDENCE.
- ⑯ TELEPHONE SERVICE REQUIRED CABINET.

EXISTING WIM LOOPS, SENSORS, & CONDUITS PLAN
FOR INFORMATIONAL PURPOSES ONLY

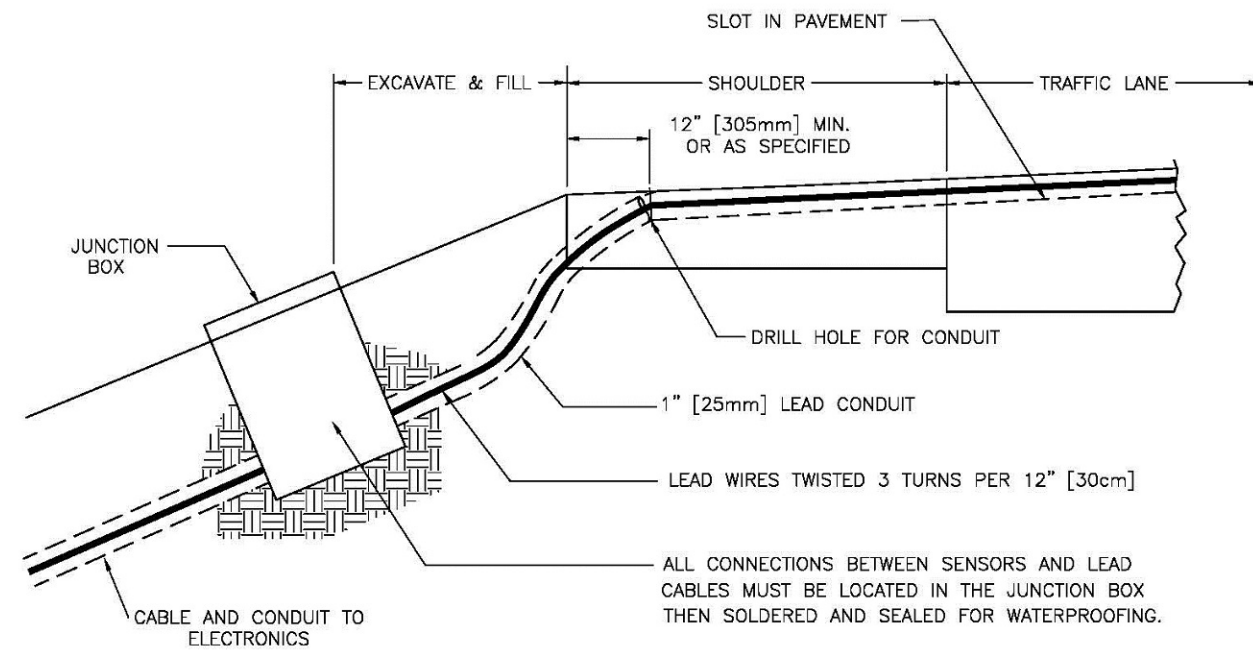




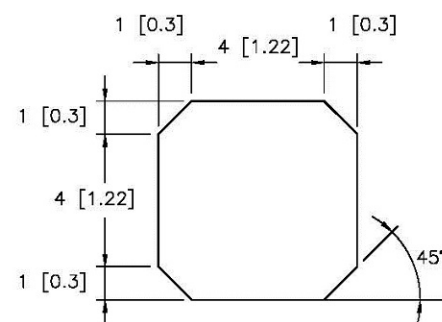
- ① CABINET WITH WIM ELECTRONICS.
- ② CABINET BASE.
- ③ PULL BOX.
- ④ DRILL THROUGH SHOULDER FOR CONDUIT.
- ⑤ BORE UNDER ROADWAY.
- ⑥ FOR LOOP AND PIEZO DETAILS, SEE DWG #C10030004.
- ⑦ FOR SLC SCALE DETAILS, SEE DWG #10014701.
- ⑧ TELEPHONE SERVICE REQUIRED AT CABINET.
- ⑨ CABINET IS PLACED SO THAT THE BACK OF THE CABINET IS FACING THE ROAD.
- ⑩ POWER CONDUITS EXIT THE CABINET ON THE SIDE CONSIDERED LEFT WHEN FACING THE CABINET DOOR.

EXISTING WIM LOOPS, SENSORS, & CONDUITS PLAN
FOR INFORMATIONAL PURPOSES ONLY

LOOP CABLE ROUTING DETAILS



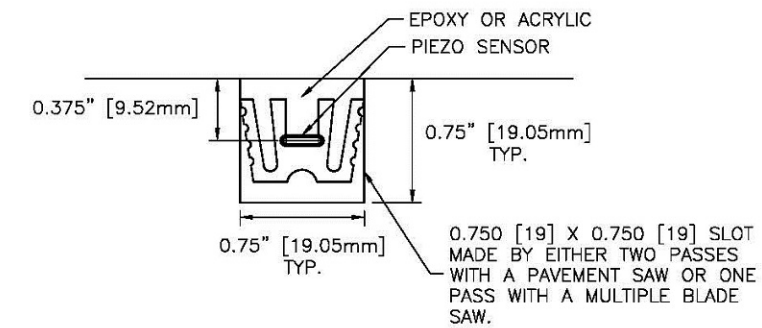
LOOP DIMENSION DETAIL ①



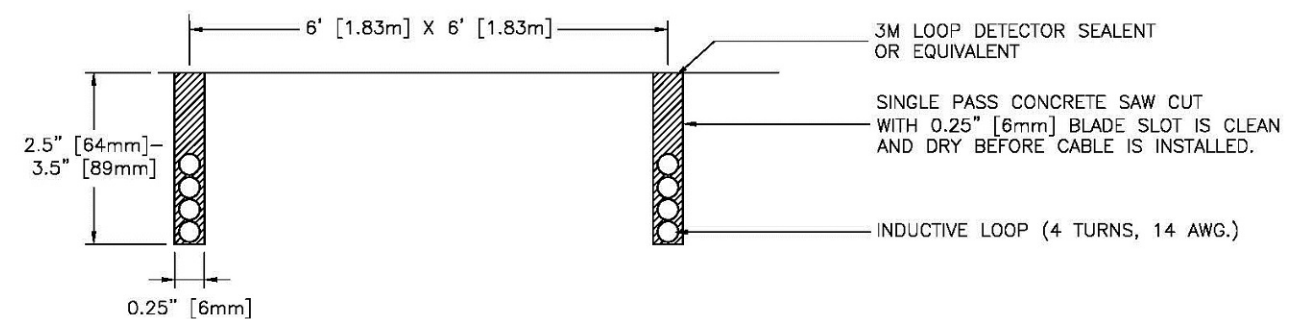
NOTES:

- ① 6' x 6' LOOP SHOWN. FOR SIZE, REFER TO LOOP DETAILS ON SITE LAYOUT DRAWING.
- ② 4 TURN LOOP SHOWN. FOR NUMBER OF TURNS, REFER TO LOOP DETAILS ON SITE LAYOUT DRAWING.

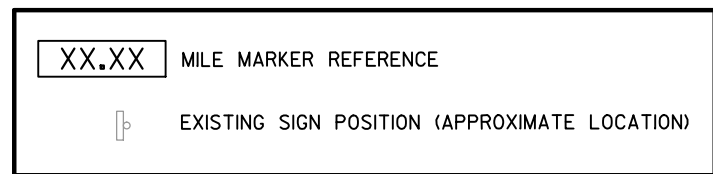
SECTION B-B - PIEZO SENSOR DETAIL

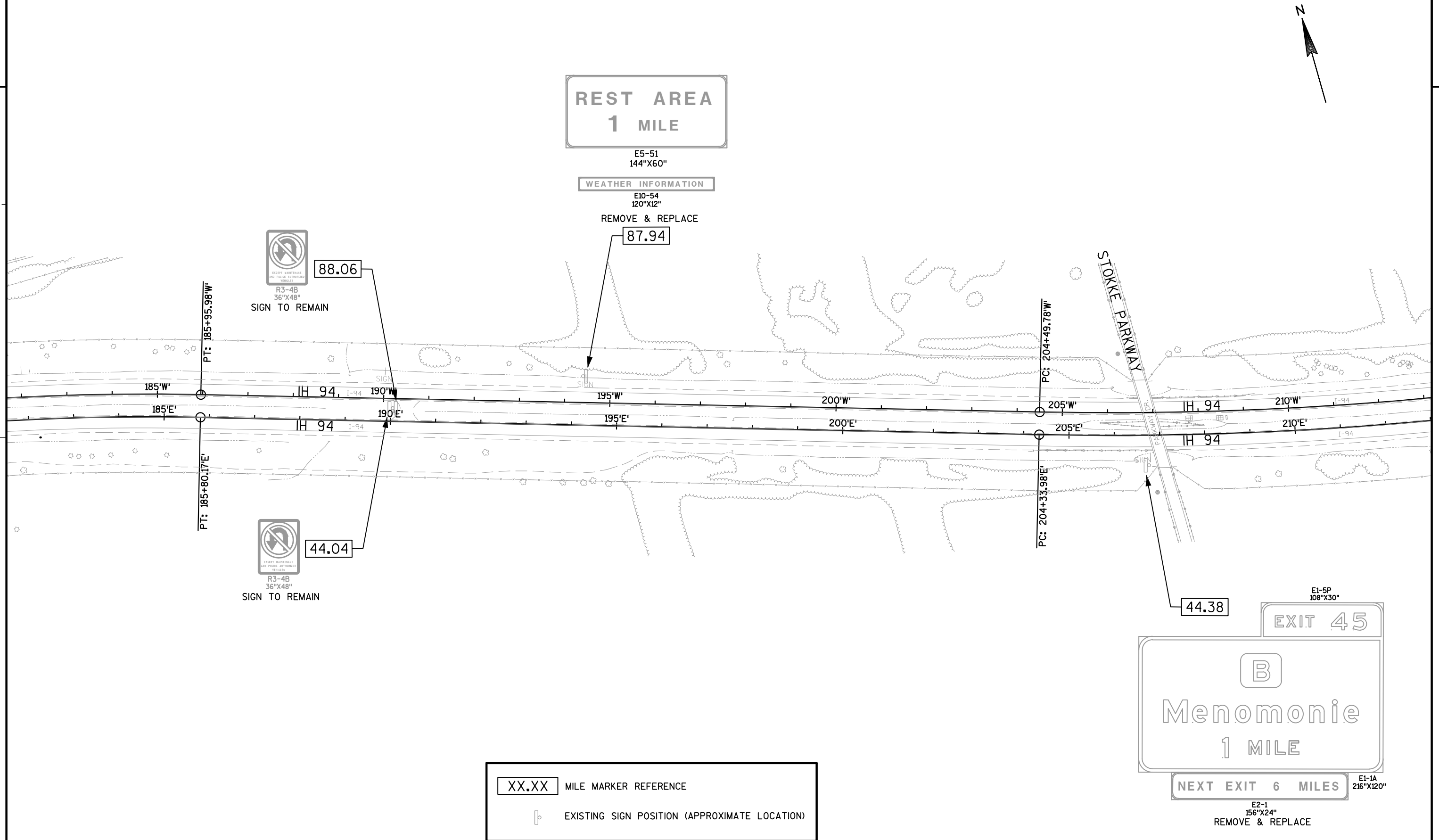


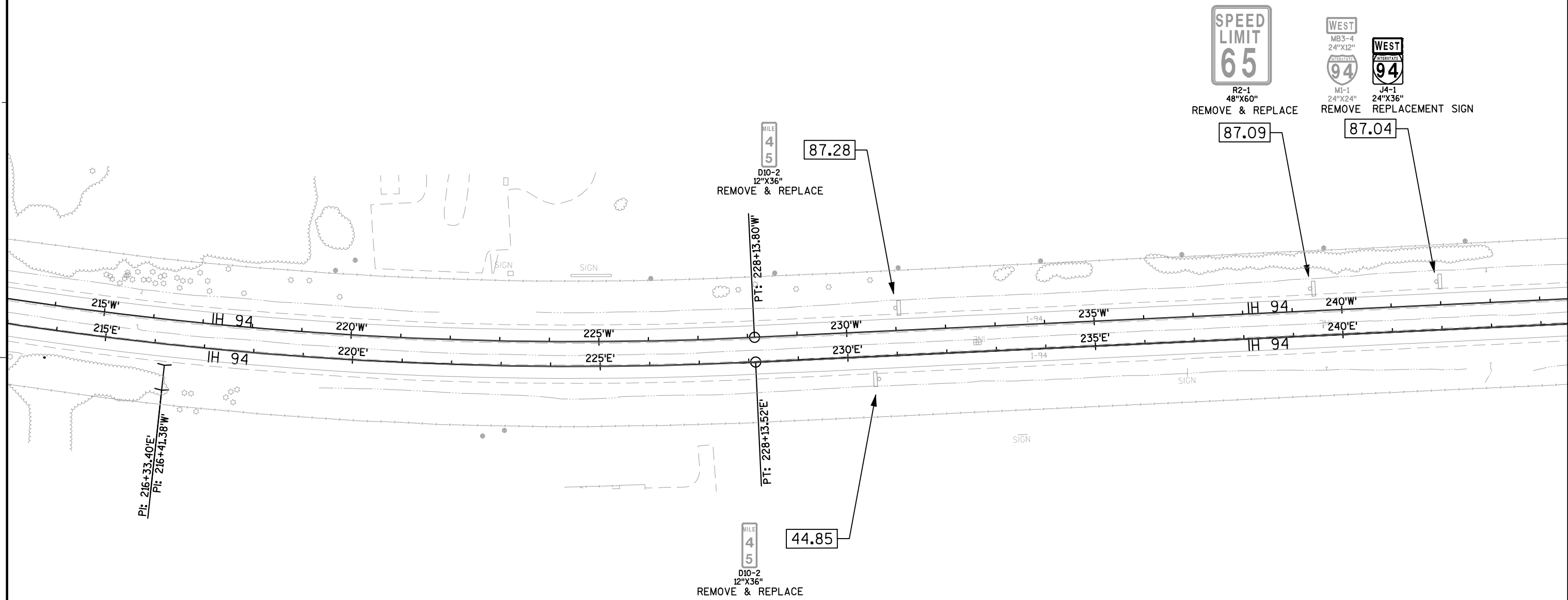
SECTION A-A - LOOP DETAIL ②



**EXISTING WIM LOOPS, SENSORS, & CONDUITS PLAN
FOR INFORMATIONAL PURPOSES ONLY**







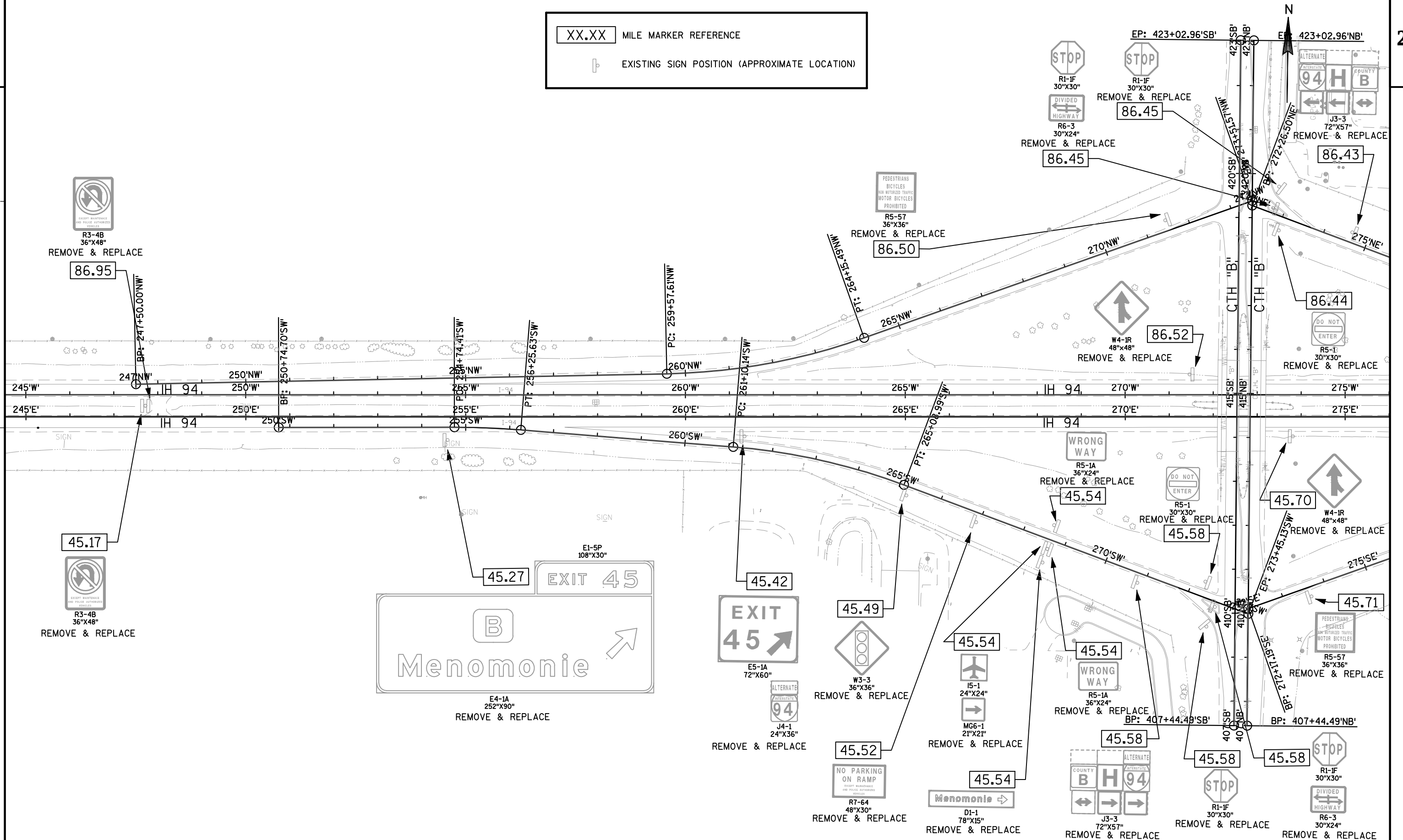
XX.XX

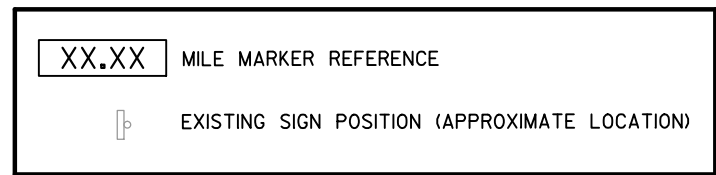
MILE MARKER REFERENCE

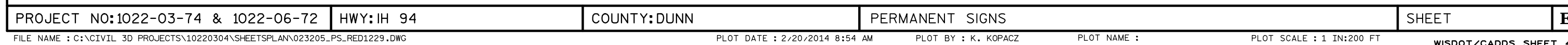
EXISTING SIGN POSITION (APPROXIMATE LOCATION)

XX.XX MILE MARKER REFERENCE

EXISTING SIGN POSITION (APPROXIMATE LOCATION)









Menomonie Exits

B

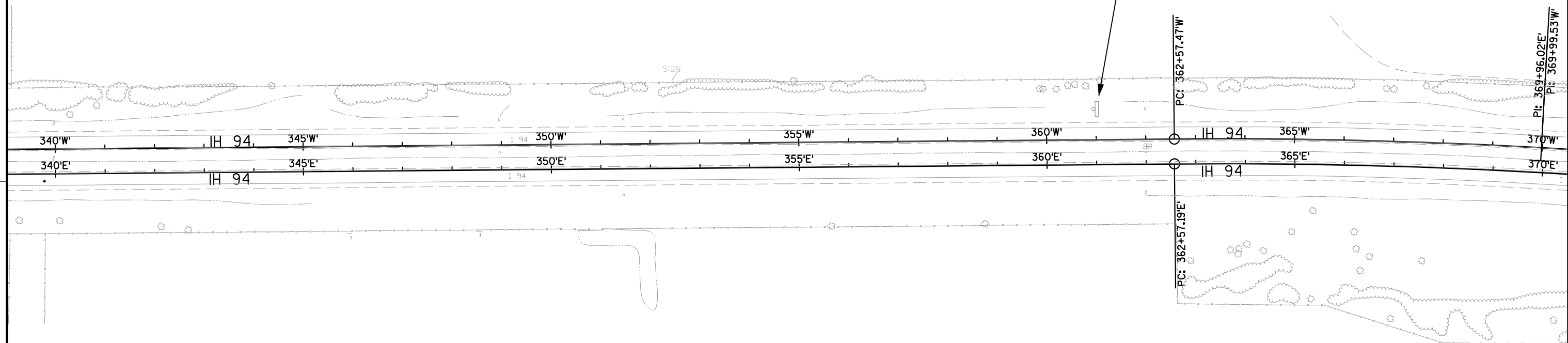
25

1 1/2

5

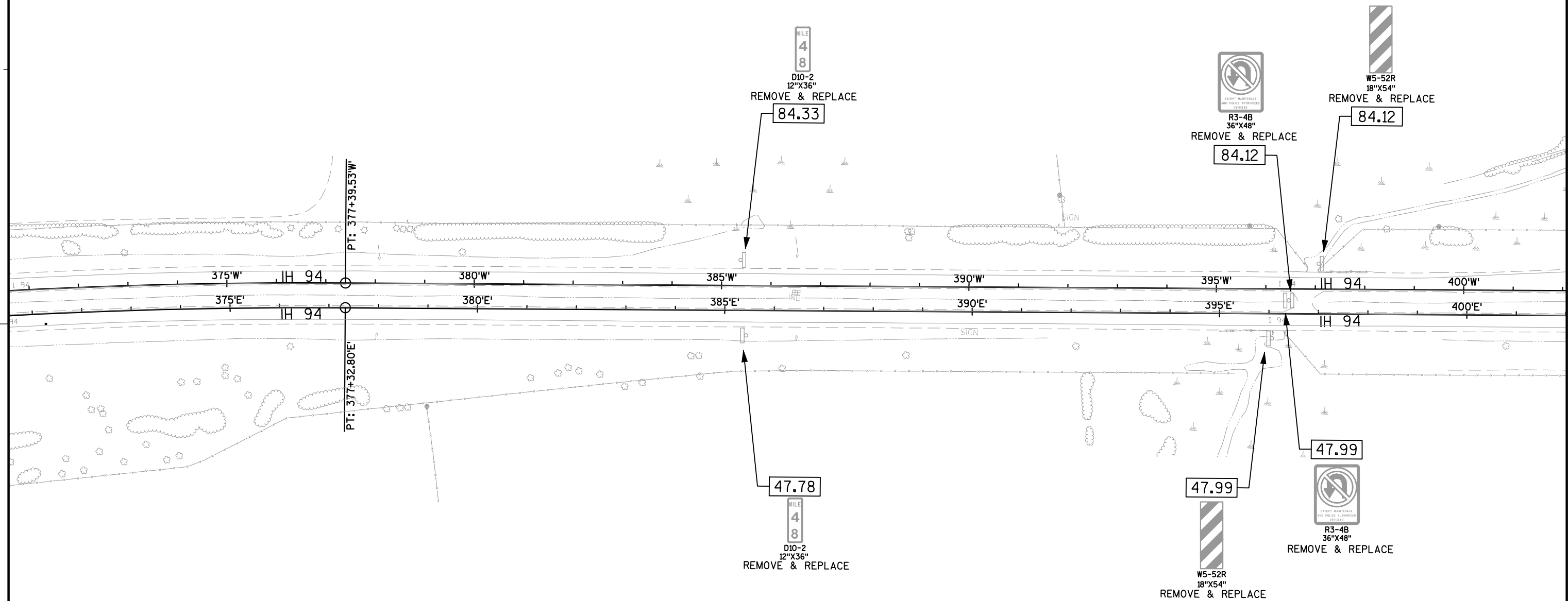
E8-1
204"x102"
REMOVE & REPLACE

84.77



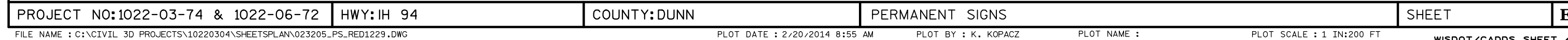
XX.XX MILE MARKER REFERENCE

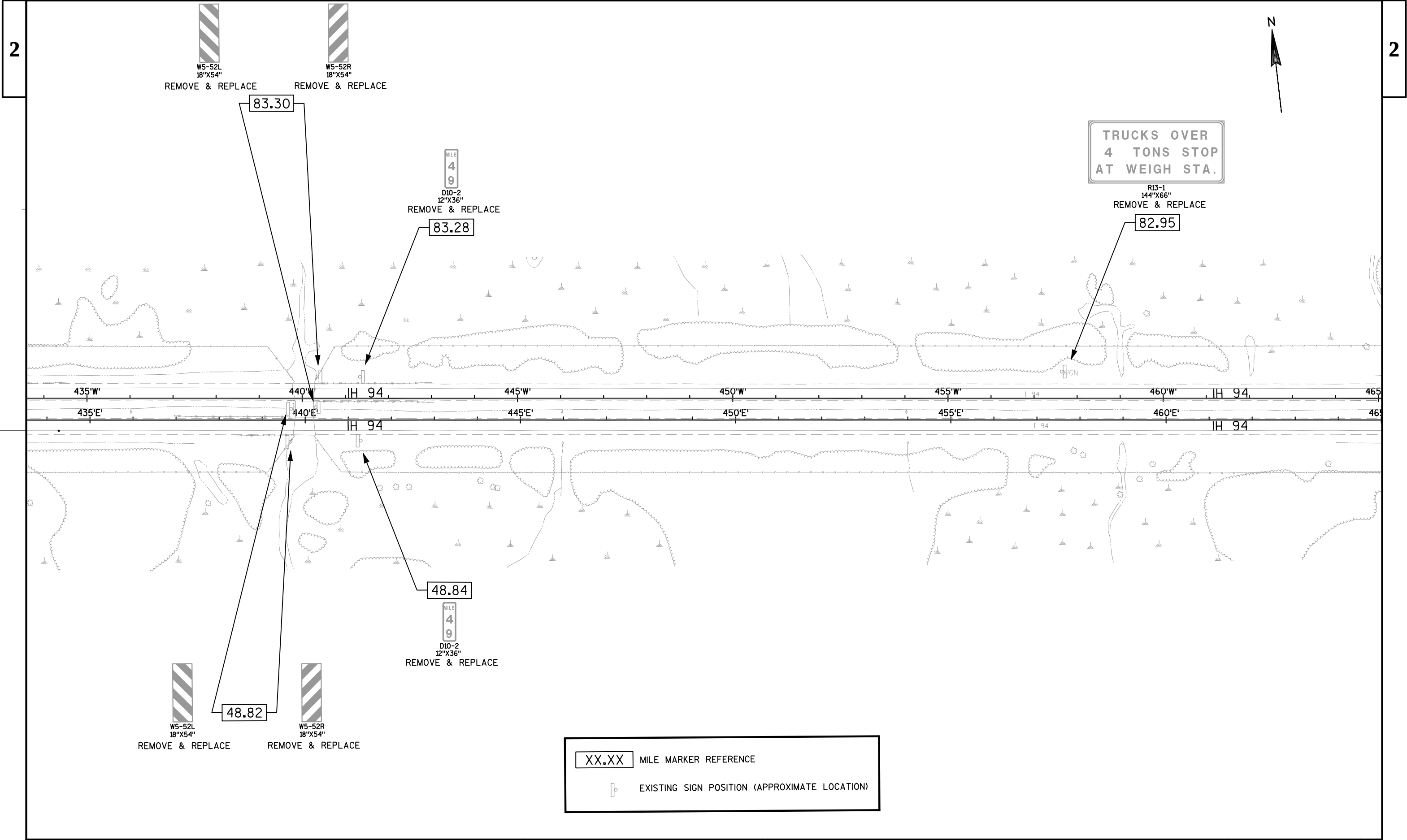
 EXISTING SIGN POSITION (APPROXIMATE LOCATION)

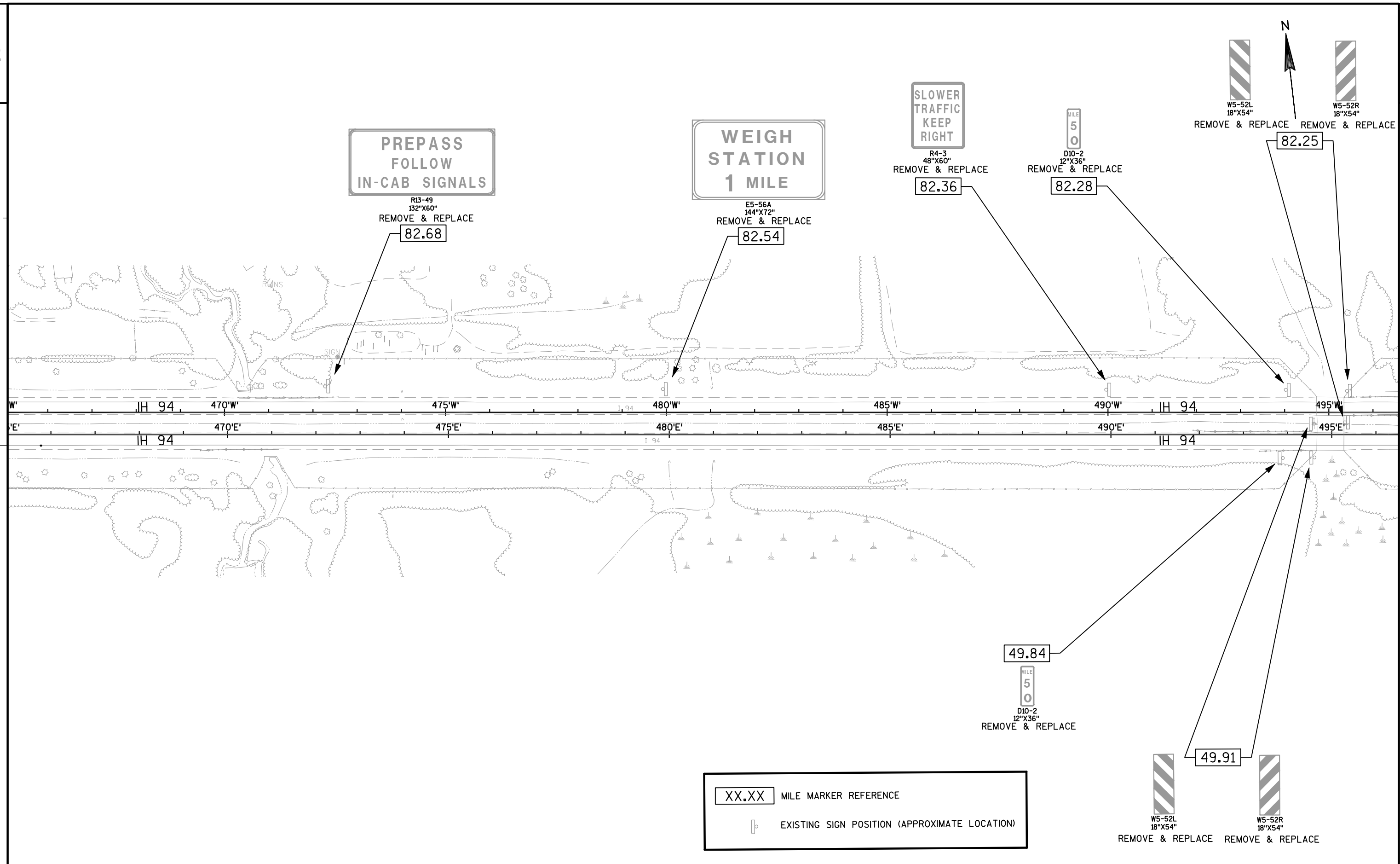


XX.XX MILE MARKER REFERENCE

EXISTING SIGN POSITION (APPROXIMATE LOCATION)







Menomonie 10
Hudson 52
Minneapolis 75

D2-3
204"X84"
REMOVE & REPLACE

82.15

W5-52L
18"X54"
REMOVE & REPLACE

W5-52R
18"X54"
REMOVE & REPLACE

TRUCKS
USE
RIGHT
LANE
R4-5
48"X60"
REMOVE & REPLACE

81.72

PI: 514+32.31E'
PI: 514+51.01W'

81.83

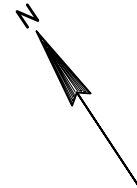
50.27

W5-52L
18"X54"
REMOVE & REPLACE

W5-52R
18"X54"
REMOVE & REPLACE

XX.XX MILE MARKER REFERENCE

EXISTING SIGN POSITION (APPROXIMATE LOCATION)



**WEIGH
STATION
2 MILES**

E5-56A (MOD.)
144"X72"
REMOVE & REPLACE

81.51

MILE
5
1

D10-2
12"X36"

REMOVE & REPLACE

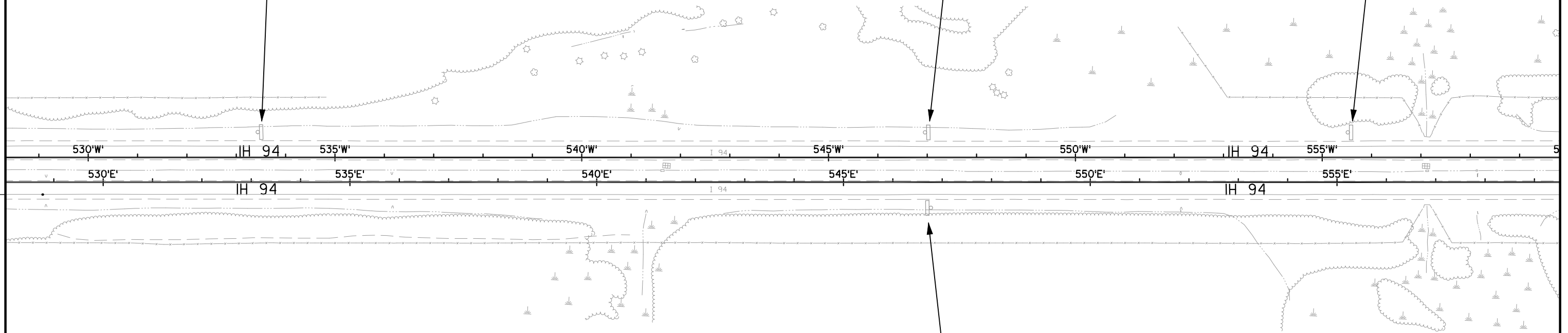
81.27

EMERGENCY
STOPPING
ONLY

R8-7
48"X36"

REMOVE & REPLACE

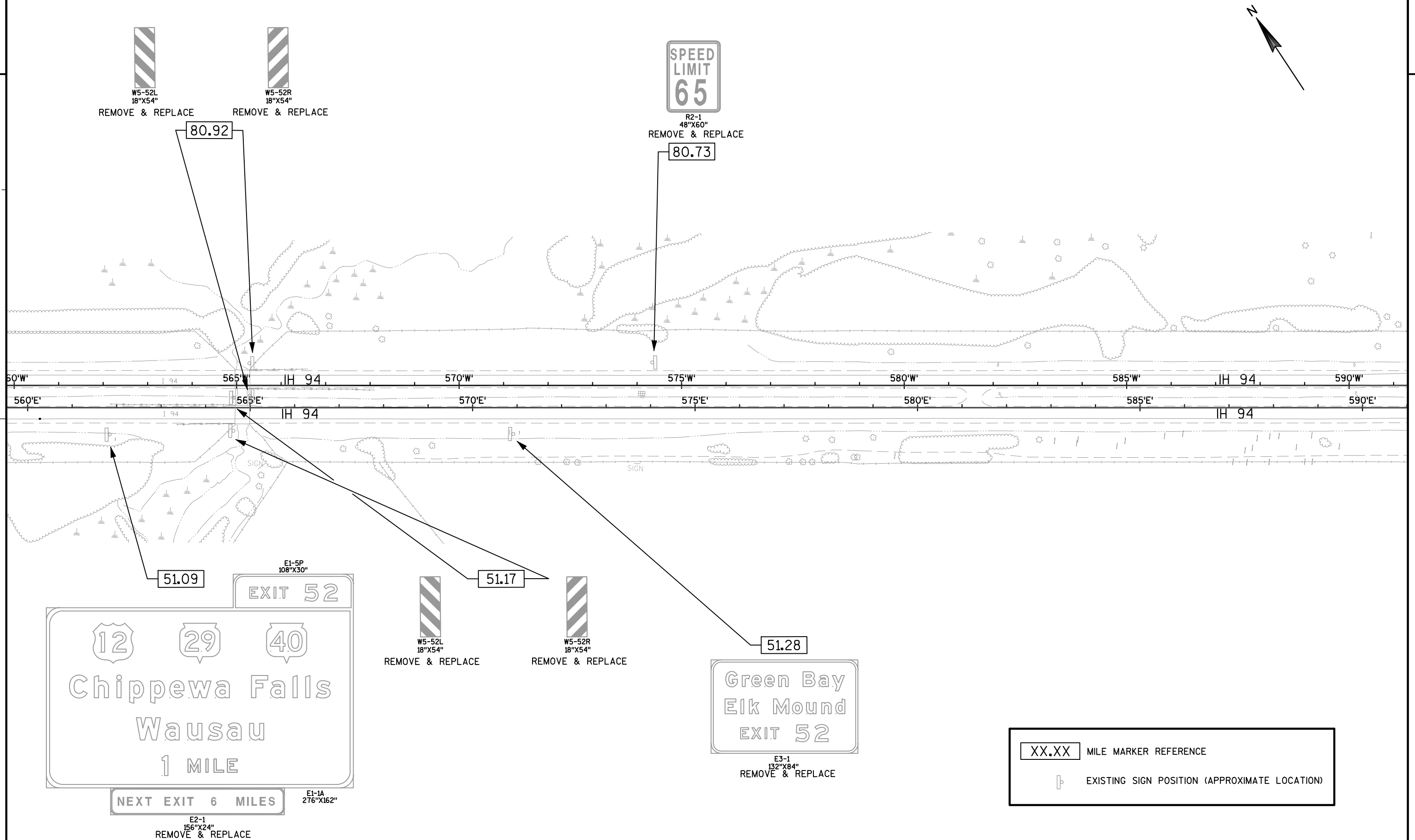
81.11

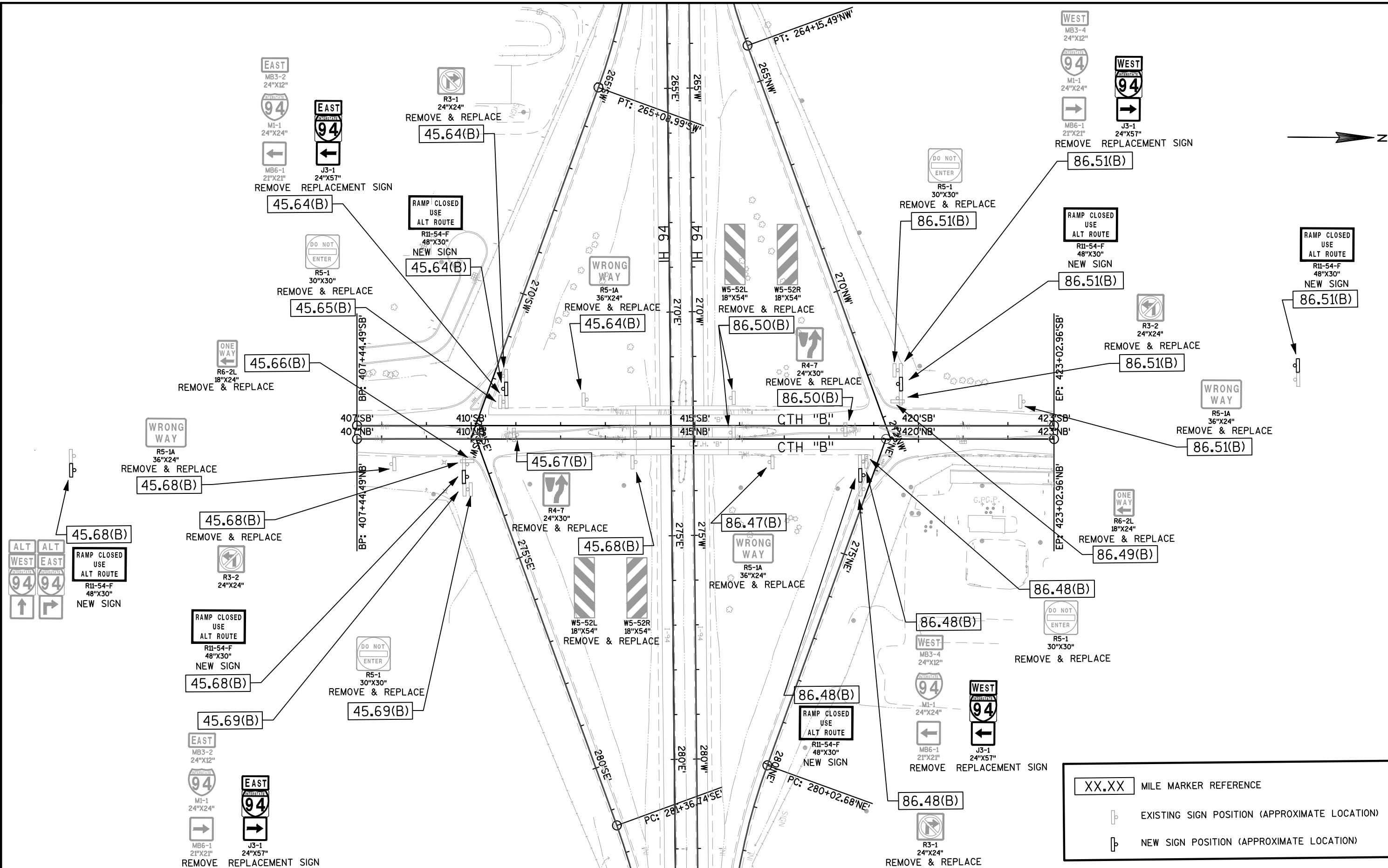


XX.XX MILE MARKER REFERENCE



EXISTING SIGN POSITION (APPROXIMATE LOCATION)





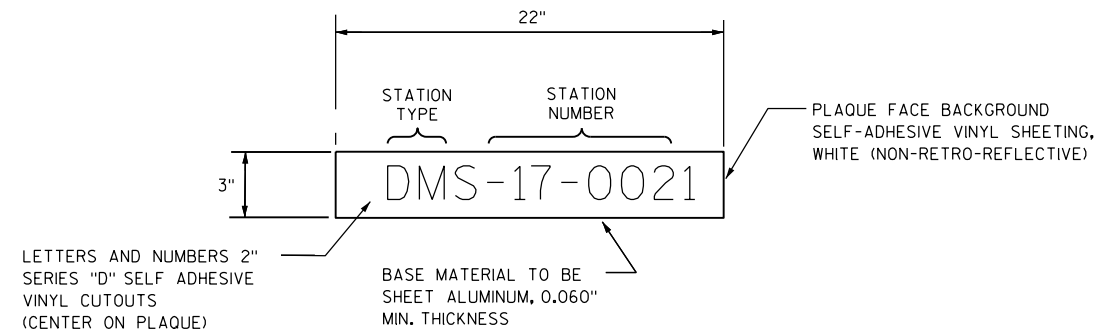
LEGEND	EXISTING	PROPOSED
FTMS CONVENTIONAL SYMBOLS		
CCTV CAMERA AND POLE - - - - -		
POLE MOUNTED CABINET- - - - -		
METER BREAKER PEDESTAL- - - - -		
24"X36" STEEL PULL BOX - - - - -		
FTMS (ITS) CONDUIT- - - - -	- -	- -
BREAKER DISCONNECT BOX - - - - -		
COMMUNICATIONS VAULT, TYPE 1- - - - -		
SIDE MOUNT DMS AND STRUCTURAL STEEL- - -		
RAMP GATE SOLAR POWER ASSEMBLY - - - - -		
ON-RAMP CLOSURE GATE - - - - -		 30-FOOT

FTMS STANDARD ABBREVIATIONS

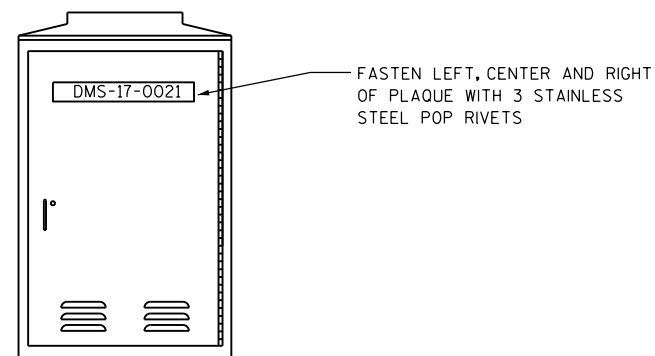
CCTV	CLOSED CIRCUIT TELEVISION SITE
CV	COMMUNICATIONS VAULT
DMS	DYNAMIC MESSAGE SIGN
PB	PULL BOX
RG	RAMP GATE
S-F	STATE-FURNISHED

FTMS GENERAL NOTES

- THESE PLANS AND THE ASSOCIATED SPECIAL PROVISIONS REFLECT CONDITIONS KNOWN DURING THE DEVELOPMENT OF THE PLANS AND TECHNICAL SPECIAL PROVISIONS. ALL SCALES, DIMENSIONS AND LOCATIONS SHOWN IN THESE PLANS ARE APPROXIMATE. ACTUAL PHYSICAL FIELD CONDITIONS SHALL PROVIDE THE BASIS FOR THE APPLICATION OF WORK SHOWN IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE APPLICATION OF ALL WORK SHOWN IN THE PLANS TO THE ACTUAL PHYSICAL FIELD CONDITIONS TO PROVIDE A COMPLETE AND ACCEPTED PROJECT. IN THE EVENT THAT ACTUAL PHYSICAL FIELD CONDITIONS AFFECT OR PREVENT THE APPLICATION OR PROGRESSION OF ANY WORK SHOWN IN THE PLANS OR TECHNICAL SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, AND PRIOR TO ANY FURTHER WORK ACTIVITY. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY LOCATION CHANGES OTHER THAN MINOR ADJUSTMENTS.
- BE AWARE THAT ALL EXISTING UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES WITHIN THE SCOPE OF THIS PROJECT MAY NOT BE LOCATED IN THE PLANS. THE CONTRACTOR IS FULLY RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND FACILITIES.
- BE AWARE THAT NO TEST BORINGS WERE MADE WHERE CONDUITS, PULLBOXES, POLES, CABINET FOUNDATIONS, OR OTHER EQUIPMENT IS TO BE INSTALLED. THE CONTRACTOR IS FULLY RESPONSIBLE FOR EXAMINING THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS.
- NO TREES (AND/OR SHRUBS) SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
- AREAS WITHIN THE RIGHT-OF-WAY DISTURBED SPECIFICALLY FOR FTMS CONSTRUCTION SHALL BE RESTORED TO THE ORIGINAL CONDITION WITH TOPSOIL, FERTILIZER, SEED, AND EROSION MAT, AND SHALL BE INCLUDED IN THE COST OF INSTALLING FTMS ITEMS. RESTORATION FOR AREAS DISTURBED FOR OTHER CONSTRUCTION OPERATIONS BUT ALSO CONTAINING FTMS CONSTRUCTION SHALL BE DONE ACCORDING TO REQUIREMENTS AND PAYMENT PROVISIONS FOR THE OTHER CONSTRUCTION OPERATIONS.
- THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
- DUE TO RAMP, LANE, SHOULDER CLOSURE RESTRICTIONS, AND WORK UNDER OTHER CONTRACTS, SOME WORK MAY BE REQUIRED TO BE PERFORMED AT NIGHT.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR COORDINATING RAMP, LANE, SHOULDER, AND ROADWAY CLOSURES WITH OTHER CONTRACTS IN THE AREA.
- THE CONTRACTOR SHALL CONTACT THE WISDOT STATEWIDE TRAFFIC OPERATIONS CENTER AT (414) 227-2166 FIVE (5) WORKING DAYS PRIOR TO ENTERING ANY EXISTING WISDOT FTMS OR ITS CABINET.
- ALL LOOP DETECTORS ARE STATIONED TO CENTER OF LEADING EDGE AS APPROACHED BY NORMAL VEHICLE PATH.
- HAND DIG TRENCHES CROSSING EXISTING CONDUIT CONTAINING FIBER OPTIC CABLE.
- VISUALLY VERIFY DEPTHS OF EXISTING CONDUITS CONTAINING FIBER OPTIC CABLE PRIOR TO CROSSING BY DIRECTIONAL BORE OR SPECIAL METHOD.



ITS FIELD CABINET IDENTIFICATION PLAQUE DETAIL



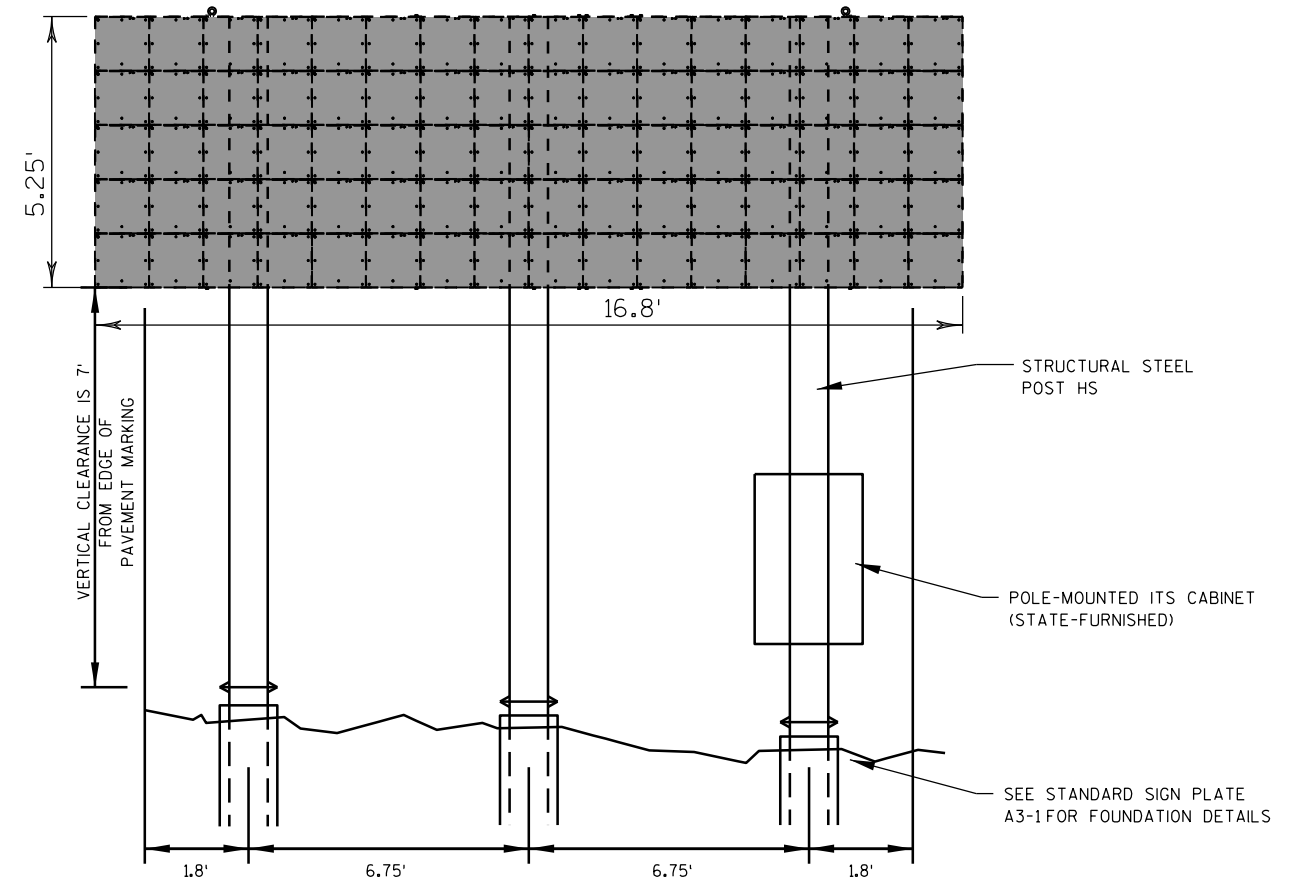
ITS FIELD CABINET IDENTIFICATION PLAQUE REQUIREMENTS AND PLACEMENTS
(TYPICAL ALL CONTROL CABINETS)

LEGEND STATION TYPE

RM - RAMP METER
CCTV - CLOSED CIRCUIT TELEVISION
ATR - AUTOMATIC TRAFFIC RECORDER
SDS - SYSTEM DETECTOR STATION
MD - MICROWAVE DETECTOR

NOTES

- 1) TWO PLAQUES PER CABINET REQUIRED ON CONTROL CABINET.
- 2) FASTEN ONE PLAQUE ON FRONT DOOR, UPPER HALF.
- 3) FASTEN ONE PLAQUE ON SIDE FACING LOCAL STREET. IF NO LOCAL STREET NEARBY, OR IF SUCH LOCATION COINCIDES WITH LOCATION OF PLAQUE IN NOTE 2, FASTEN PLAQUE ON REAR OF CABINET, UPPER HALF.
- 4) COUNTY NUMBER NOT REQUIRED ON RAMP METER CABINETS.



4"

3"

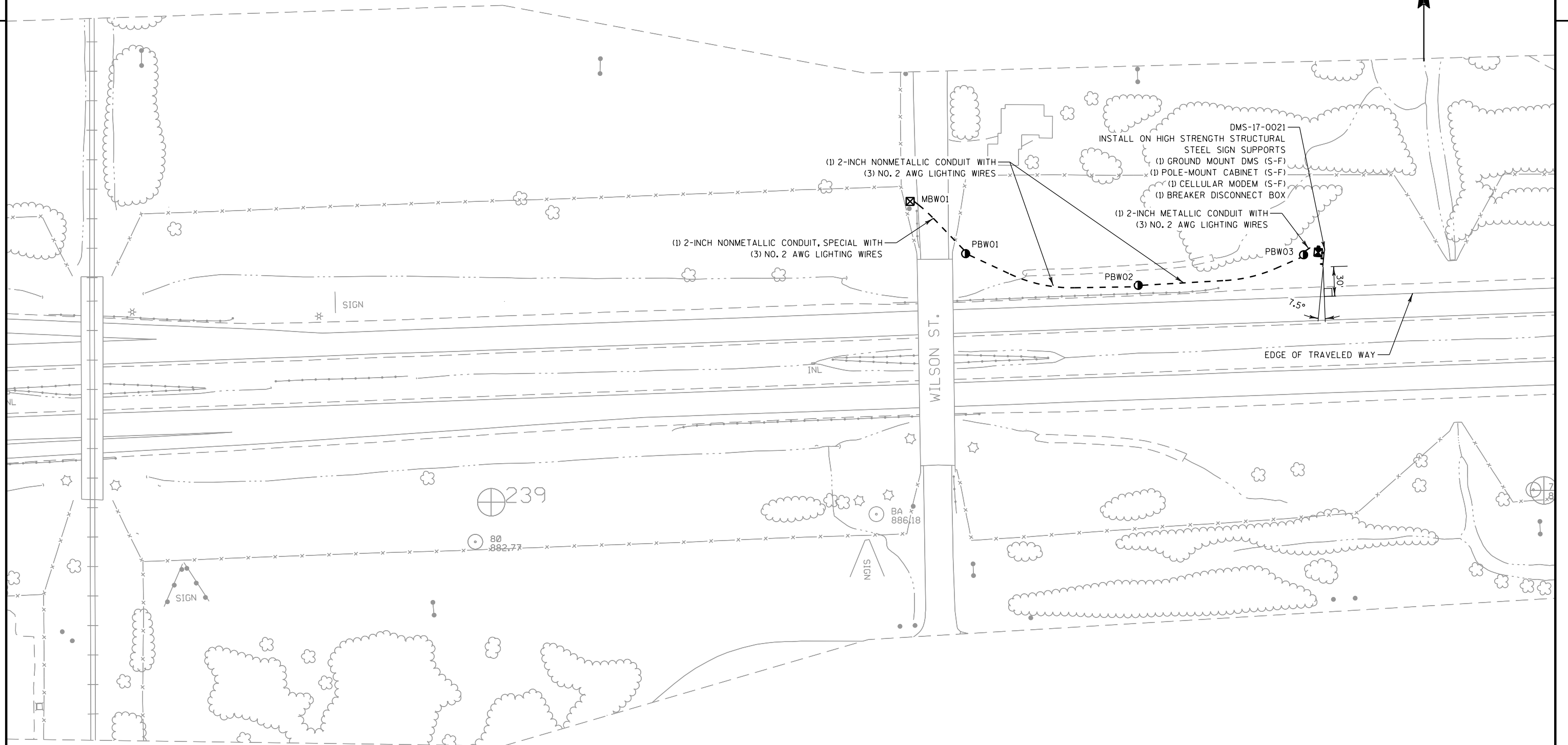
3"

TWO Z-BRACKETS ARE BOLTED TO THE REAR OF THE DISPLAY BY ADAPTIVE DISPLAY. THE VERTICAL SUPPORTS SHOWN ARE STRUCTURAL STEEL SIGN SUPPORTS. EACH Z-BRACKET IS ATTACHED TO THE SIGN ENCLOSURE USING * 1/2" A325 MECHANICALLY GALVANIZED STRUCTURAL GRADE HARDWARE.

Z-BRACKETS ARE

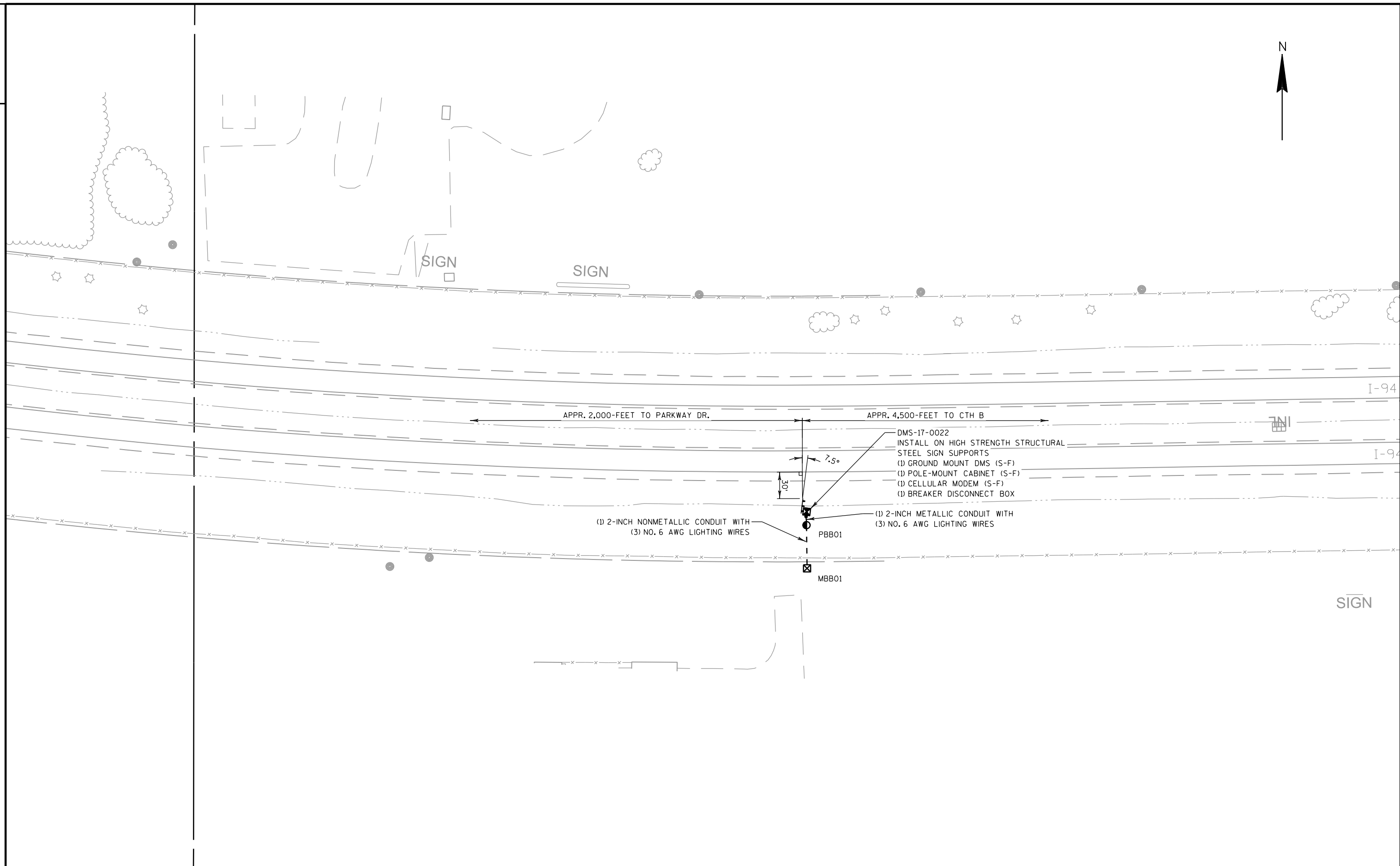
Z-BRACKETS ARE
3" X 2 11/16 " X 1/4"
WEB X FLANGE X THICKNESS
ALUMINUM 6061-T6-ALLOY

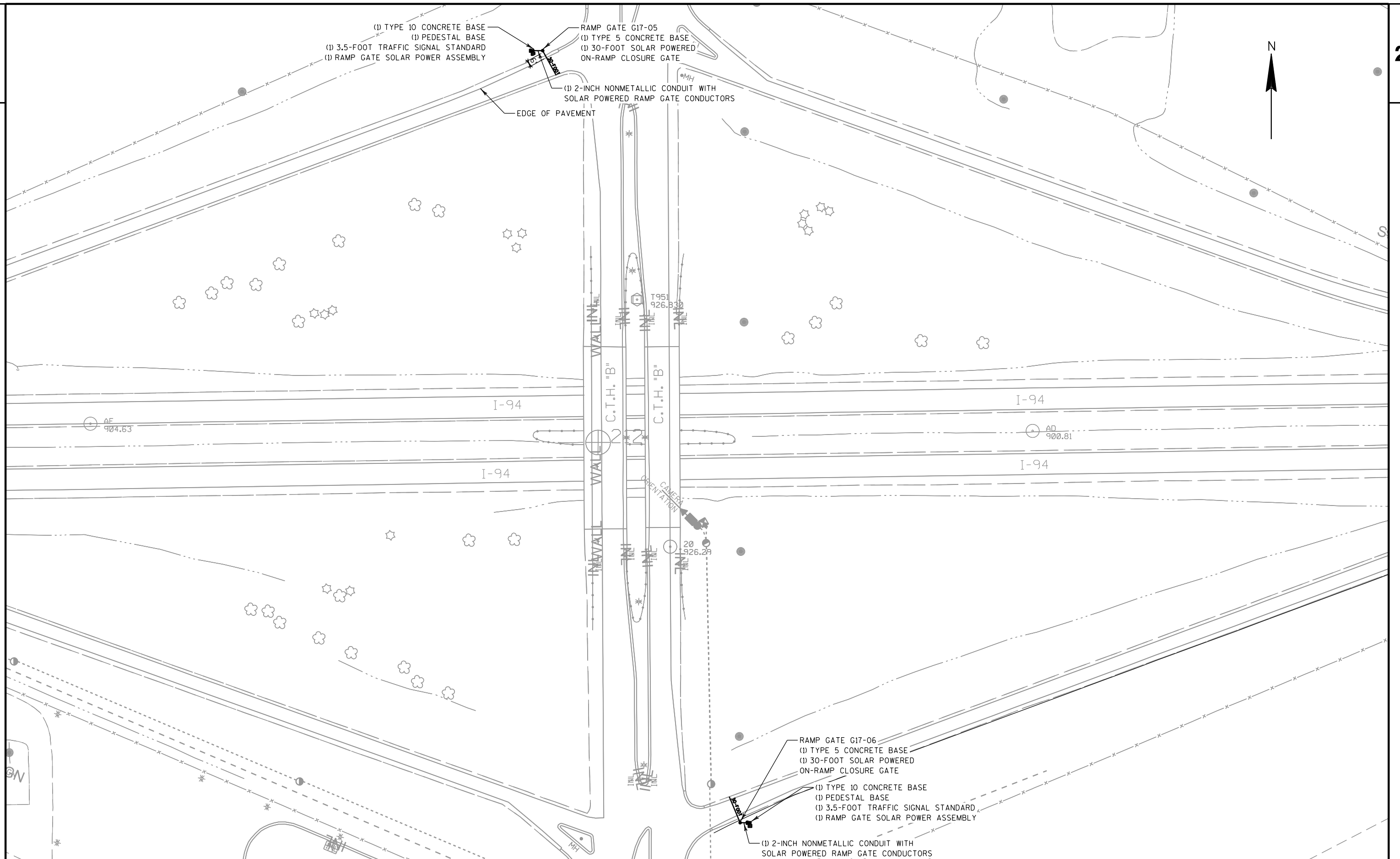
WISDOT/CADDS SHEET 42

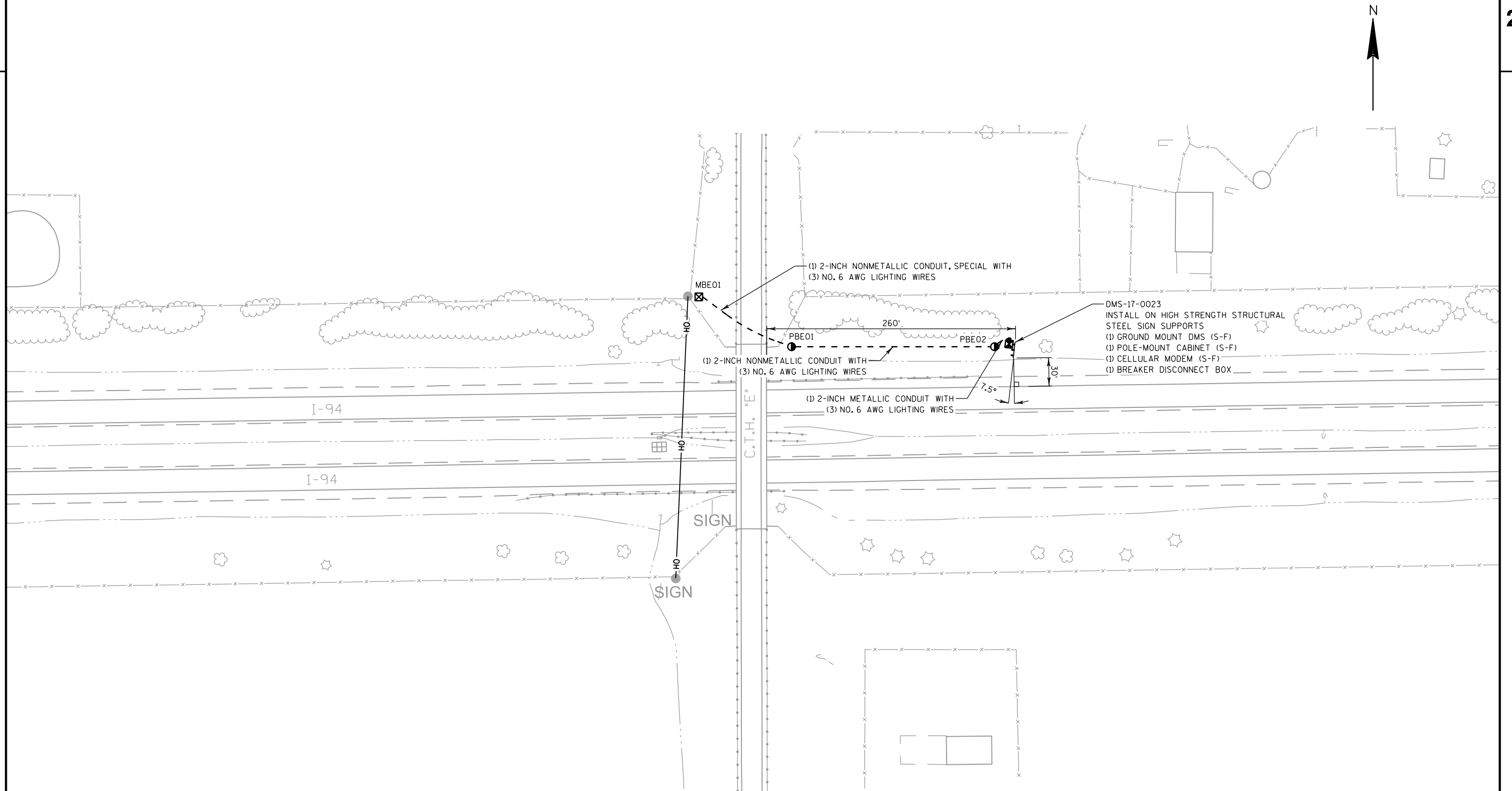


2

2







TYPE I PERMANENT SIGNS

				635.0300													
				Sign													
				Supports													
				Replacing	638.2601												
				Base	Removing												
Eastbound										New	New	637.0101					
IH 94	Existing		Existing	Connection	Signs	New		New	New	Sign	Sign	Signs					
Mile	Sign		Sign	Bolts	Type I	Sign		Sign	Size	Size	Type I						
Marker	Code	Existing Sign Description	Position	(Each)	(Each)	Code	New Sign Description	Position	Width	Height	(SF)	Order -Line 1	Order -Line 2	Order -Line 3	Order -Line 4	Notes	
EB 44.38 mi	E1-5P	Exit number panel for guide signs	Right	8	1	E1-5P	Exit number panel for guide signs	Right	108.00	30.00	22.50	45					See Sign Detail; Exst. Sign Size 108" x 24"
EB 44.38 mi	E1-1A	Advance exit guide sign, __ mile	Right	-	1	E1-1A	Advance exit guide sign, _ mile	Right	216.00	120.00	180.00	B	Menomonie	1			See Sign Detail; Exst. Sign Size 216" x 120"
EB 44.38 mi	E2-1	Next exit __ miles	Right	-	1	E2-1	Next exit __ miles	Right	156.00	24.00	26.00	6					Exist. Sign Size 156" x 24"
EB 45.27 mi	E1-5P	Exit number panel for guide signs	Right	8	1	E1-5P	Exit number panel for guide signs	Right	108.00	30.00	22.50	45					See Sign Detail; Exst. Sign Size 108" x 24"
EB 45.27 mi	E4-1A	Exit direction sign with arrow	Right	-	1	E4-1A	Exit direction sign with arrow	Right	252.00	90.00	157.50	B	Menomonie				See Sign Detail; Exst. Sign Size 252" x 84"
EB 46.64 mi	D2-3	Destination/distance (three)	Right	8	1	D2-3	Destination/distance (three)	Right	204.00	84.00	119.00	Elk Mound 5	Eau Claire 19	Tomah 102			See Sign Detail; Exst. Sign Size 180" x 84"
EB 51.09 mi	E1-5P	Exit number panel for guide signs	Right	8	1	E1-5P	Exit number panel for guide signs	Right	108.00	30.00	22.50	45					See Sign Detail; Exst. Sign Size 108" x 24"
EB 51.09 mi	E1-1A	Advance exit guide sign, __ mile	Right	-	1	E1-1A	Advance exit guide sign, _ mile	Right	276.00	162.00	310.50	12 29 40	Chippewa Falls	Wausau	1		See Sign Detail; Exst. Sign Size 288" x 162"
EB 51.09 mi	E2-1	Next exit __ miles	Right	-	1	E2-1	Next exit __ miles	Right	156.00	24.00	26.00	6					Exist. Sign Size 156" x 24"
EB 51.28 mi	E3-1	Destination-next right-exit number	Right	8	1	E3-1	Destination-next right-exit number	Right	132.00	84.00	77.00	Green Bay	Elk Mound				See Sign Detail; Exst. Sign Size 132" x 84"
		Project 1022-03-74	Totals	40	10						963.50						

				635.0300												
				Sign												
				Supports												
				Replacing	638.2601											
				Base	Removing											
Westbound									New	New	637.0101					
IH 94	Existing		Existing	Connection	Signs	New		New	Sign	Sign	Signs					
Mile	Sign		Sign	Bolts	Type I	Sign		Sign	Size	Size	Type I					
Marker	Code	Existing Sign Description	Position	(Each)	(Each)	Code	New Sign Description	Position	Width	Height	(SF)	Order -Line 1	Order -Line 2	Order -Line 3	Notes	
WB 81.51 mi	E5-56A(MOD.)	Weigh station 2 miles	Right	8	1	E5-56A(MOD.)	Weigh station 2 miles	Right	144.00	72.00	72.00	2				Note Sign Text is "2 Miles"; Exist. Sign Size 108" x 72"
WB 82.15 mi	D2-3	Destination/distance (three)	Right	8	1	D2-3	Destination/distance (three)	Right	204.00	84.00	119.00	Menomonie 10	Hudson 52	Minneapolis 75		See Sign Detail; Exist. Sign Size 204" x 84"
WB 82.54 mi	E5-56A	Weigh station 1 mile	Right	8	1	E5-56A	Weigh station 1 mile	Right	144.00	72.00	72.00	1				Exist. Sign Size 108" x 72"
WB 82.68 mi	R13-49	PrePass Follow In-Cab Signals	Right	8	1	R13-49	PrePass Follow In-Cab Signals	Right	132.00	60.00	55.00					Exist. Sign Size 144" x 78"
WB 82.95 mi	R13-1	Trucks Over 4 T. Stop At Weigh Sta.	Right	8	1	R13-1	Trucks Over 4 T. Stop At Weigh Sta.	Right	144.00	66.00	66.00					Exist. Sign Size 144" x 66"
WB 83.42 mi	E5-57R	Weigh station right lane	Right	8	1	E5-57E	Weigh station lt/rt lane	Right	144.00	60.00	60.00					Exist. Sign Size 120" x 84"
WB 83.61 mi	E5-58	Weigh station w/ cut-out for panel	Right	8	1	E5-58	Weigh station w/ cut-out for panel	Right	120.00	66.00	42.67					Exist. Sign Size 120" x 66"
WB 84.77 mi	E8-1A	Seq. sign-city name-hwys __ miles	Right	8	1	E8-1	Seq. sign-city name-hwys __ miles	Right	204.00	102.00	144.50	Menomonie Exits	B 1 1/2	25 5		See Sign Detail; Exist. Sign Size 216" x 96"
WB 85.26 mi	E1-5P	Exit number panel for guide signs	Right	8	1	E1-5P	Exit number panel for guide signs	Right	108.00	30.00	22.50	45				See Sign Detail; Exist. Sign Size 108" x 24"
WB 85.26 mi	E1-1A	Advance exit guide sign, __ mile	Right	-	1	E1-1A	Advance exit guide sign, __ mile	Right	216.00	120.00	180.00	B	Menomonie	1		See Sign Detail; Exist. Sign Size 216" x 120"
WB 85.71 mi	E10-61	Hospital exit	Right	8	1	E10-61	Hospital exit	Right	144.00	54.00	54.00	45				Exist. Sign Size 132" x 48"
WB 86.11 mi	E1-5P	Exit number panel for guide signs	Right	8	1	E1-5P	Exit number panel for guide signs	Right	108.00	30.00	22.50	45				See Sign Detail; Exist. Sign Size 108" x 24"
WB 86.11 mi	E4-1A	Exit direction sign with arrow	Right	-	1	E4-1A	Exit direction sign with arrow	Right	252.00	90.00	157.50	B	Menomonie			See Sign Detail; Exist. Sign Size 252" x 84"
WB 87.94 mi	E5-51	Rest area __ miles	Right	8	1	E5-51	Rest area __ miles	Right	144.00	60.00	60.00	1				Exist. Sign Size 144" x 60"
WB 87.94 mi	E10-54	Weather information	Right	-	1	E10-54	Weather information	Right	120.00	12.00	10.00					Exist. Sign Size 120" x 12"
		Project 1022-06-72	Totals	96	15						1137.67					

TYPE II PERMANENT SIGNS

IH 94				638.2602	638.3000							637.2210	637.2230	634.0616	634.0618		
Eastbound	Existing		Existing	Removing	Removing	New		New	New	New	New	Signs	Signs	Posts Wood	Posts Wood		
Mile	Sign		Sign	Signs	Small Sign	Sign		Sign	Sign	Sign	Sign	Type II	Type II	4x6 - Inch	4x6 - Inch		
Marker	Code	Existing Sign Description	Position	Type II (Each)	Supports (Each)	Code	New Sign Description	Position	Width	Height		Reflective H (SF)	Reflective F (SF)	x 16 - Ft. Each	x 18 - Ft. Each	Order -Line 1	Notes
EB 43.85 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	44	
EB 44.04 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	-	-	-	-	-	-	-	-	-	-	-	-		Existing Sign To Remain
EB 44.85 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	45	
EB 45.17 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	1	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-	1		
EB 45.42 mi	E5-1A	Exit Number 1-4 digits (w/ arrow)	Right/Gore	1	2	E5-1A	Exit Number 1-4 digits (w/ arrow)	Right	72.00	60.00	30.00	-	-	2	-	45	
EB 45.42 mi	J4-1	Reassurance Assembly (1 Headed Route)	Right/Gore	1	-	J4-1	Reassurance Assembly (1 Headed Route)	Right	24.00	36.00	6.00	-	-	-	-	Alternate 94	Mount w/ Exit Sign (E5-1A)
EB 45.49 mi	W3-3	Traffic Signals Ahead Symbol	Right/Ramp	1	1	W3-3	Traffic Signals Ahead Symbol	Right/Ramp	36.00	36.00	-	9.00	-	1	-		
EB 45.52 mi	R7-64	No Parking On Ramp	Right/Ramp	1	1	R7-64	No Parking On Ramp	Right/Ramp	48.00	30.00	10.00	-	-	1	-		
EB 45.54 mi	I5-1	Airport Symbol	Right/Ramp	1	1	I5-1	Airport Symbol	Right/Ramp	24.00	24.00	4.00	-	-	1	-		Mount on Dest. Sign (D1-1)
EB 45.54 mi	MG6-1	Arrow-Right-Green	Right/Ramp	1	-	MG6-1	Arrow-Right-Green	Right/Ramp	21.00	21.00	3.06	-	-	-	-		Mount w/ Airport Sign (I5-1)
EB 45.54 mi	D1-1	One Destination (Arrow)	Right/Ramp	1	2	D1-1	One Destination (Arrow)	Right/Ramp	78.00	15.00	8.13	-	-	2	-	Menomonie [RA]	See Sign Detail
EB 45.54 mi	R5-1A	Wrong Way	Right/Ramp	1	1	R5-1A	Wrong Way	Right/Ramp	36.00	24.00	6.00	-	-	1	-		
EB 45.54 mi	R5-1A	Wrong Way	Right/Ramp	1	-	R5-1A	Wrong Way	Right/Ramp	36.00	24.00	6.00	-	-	-	-		Mount on Back of Airport Sign (I5-1)
EB 45.58 mi	J3-3	Directional Assembly	Right/Ramp	1	2	J3-3	Directional Assembly	Right/Ramp	72.00	57.00	28.50	-	-	2	-	B [DA] Hospital [RA] Alt. 94 [RA]	
EB 45.58 mi	R5-1	Do Not Enter	Right/Ramp	1	1	R5-1	Do Not Enter	Right/Ramp	30.00	30.00	6.25	-	-	1	-		
EB 45.58 mi	R1-1F	Stop (Folding Sign)	Right/Ramp	1	-	R1-1F	Stop (Folding Sign)	Right/Ramp	30.00	30.00	5.18	-	-	-	-		Mount on Signal Pole
EB 45.58 mi	R6-3	Divided Highway Crossing	Right/Ramp	1	-	R6-3	Divided Highway Crossing	Right/Ramp	30.00	24.00	5.00	-	-	-	-		Mount on Signal Pole
EB 45.58 mi	R1-1F	Stop (Folding Sign)	Right/Ramp	1	-	R1-1F	Stop (Folding Sign)	Right/Ramp	30.00	30.00	5.18	-	-	-	-		Mount on Signal Pole
EB 45.68(B) mi	-	-	-	-	-	R11-54-F	Ramp Closed Use Alt Route (Folding Sign)	Right (NB B)	48.00	30.00	10.00	-	-	1	-		New Sign
EB 45.68(B) mi	R5-1A	Wrong Way	Right (NB B)	1	1	R5-1A	Wrong Way	Right (NB B)	36.00	24.00	6.00	-	-	1	-		
EB 45.68(B) mi	R3-2	No Left Turn Symbol	Right (NB B)	1	-	R3-2	No Left Turn Symbol	Right (NB B)	24.00	24.00	4.00	-	-	-	-		Mount on Signal Pole
EB 45.68(B) mi	-	-	-	-	-	R11-54-F	Ramp Closed Use Alt Route (Folding Sign)	Right (NB B)	48.00	30.00	10.00	-	-	1	-		New Sign
EB 45.69(B) mi	MB3-2	Cardinal Direction Marker	Right (NB B)	1	1	J3-1	Directional Assembly	Right (NB B)	24.00	57.00	9.50	-	-	1	-	East 94 [RA]	
EB 45.69(B) mi	M1-1	IH Route Marker	Right (NB B)	1	-	-	-	-	-	-	-	-	-	-	-		
EB 45.69(B) mi	MB6-1	Directional Arrows	Right (NB B)	1	-	-	-	-	-	-	-	-	-	-	-		
EB 45.69(B) mi	R5-1	Do Not Enter	Right (NB B)	1	-	R5-1	Do Not Enter	Right (NB B)	30.00	30.00	6.25	-	-	-	-		Mount on Back of Directional Assemb. (J3-1)
EB 45.66(B) mi	R6-2L	One Way (Left Arrow)	Right (NB B)	1	-	R6-2L	One Way (Left Arrow)	Right (NB B)	18.00	24.00	3.00	-	-	-	-		Mount on Signal Pole
EB 45.67(B) mi	R4-7	Keep Right symbol	Median (NB B)	1	1	R4-7	Keep Right symbol	Median (NB B)	24.00	30.00	5.00	-	-	1	-		
EB 45.68(B) mi	W5-52L	Bridge Hash Marks	Median (NB B)	1	1	W5-52L	Bridge Hash Marks	Median (NB B)	18.00	54.00	-	6.75	-	1	-		
EB 45.68(B) mi	W5-52R	Bridge Hash Marks	Right (NB B)	1	1	W5-52R	Bridge Hash Marks	Right (NB B)	18.00	54.00	-	6.75	-	1	-		
EB 45.64(B) mi	R5-1A	Wrong Way	Right (SB B)	1	1	R5-1A	Wrong Way	Right (SB B)	36.00	24.00	6.00	-	-	1	-		
EB 45.64(B) mi	MB3-2	Cardinal Direction Marker	Right (SB B)	1	1	J3-1	Directional Assembly	Right (SB B)	24.00	57.00	9.50	-	-	1	-	East 94 [RA]	
EB 45.64(B) mi	M1-1	IH Route Marker	Right (SB B)	1	-	-	-	-	-	-	-	-	-	-	-		
EB 45.64(B) mi	MB6-1	Directional Arrows	Right (SB B)	1	-	-	-	-	-	-	-	-	-	-	-		
EB 45.64(B) mi	-	-	-	-	-	R11-54-F	Ramp Closed Use Alt Route (Folding Sign)	Right (SB B)	48.00	30.00	10.00	-	-	1	-		New Sign
EB 45.64(B) mi	R3-1	No Right Turn Symbol	Right (SB B)	1	1	R3-1	No Right Turn Symbol	Right (SB B)	24.00	24.00	4.00	-	-	1	-		
EB 45.65(B) mi	R5-1	Do Not Enter	Right (SB B)	1	-	R5-1	Do Not Enter	Right (SB B)	30.00	30.00	6.25	-	-	-	-		Mount on Back of Directional Assemb. (J3-1)
EB 45.70 mi	W4-1R	Thru Traffic Merge Left Symbol	Right	1	2	W4-1R	Thru Traffic Merge Left Symbol	Right	48.00	48.00	-	16.00	-	2	-		
EB 45.71 mi	R5-57	Ped. Bikes Non Motor Prohibited	Right/Ramp	1	1	R5-57	Ped. Bikes Non Motor Prohibited	Right/Ramp	36.00	36.00	9.00	-	-	1	-		
EB 45.75 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	46	
EB 46.15 mi	MB3-2	Cardinal Direction Marker	Right	1	1	J4-1	Reassurance Assembly (1 Headed Route)	Right	24.00	36.00	6.00	-	-	1	-	East 94	
EB 46.15 mi	M1-1	IH Route Marker	Right	1	-	-	-	-	-	-	-	-	-	-	-		
EB 46.17 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	1	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-	1		
EB 46.25 mi	R2-1	Speed Limit	Right	1	2	R2-1	Speed Limit	Right	48.00	60.00	20.00	-	-	2	-	65	
EB 46.65 mi	M1-94	Crossroad Name	Median	1	1	M1-94	Crossroad Name	Median	54.00	21.00	7.88	-	-	1	-	Hwy E	See Sign Detail
EB 46.85 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	47	
EB 47.78 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	48	
EB 47.99 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	-	1	-		
EB 47.99 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	1	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-	1		
EB 48.64 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	1	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-	1		
EB 48.82 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	-	1	-		
EB 48.82 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	-	1	-		
EB 48.84 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	49	
EB 49.84 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	50	
EB 49.91 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	-	1	-		
EB 49.91 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	-	1	-		
EB 50.27 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	-	1	-		
EB 50.27 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	-	1	-		
EB 50.83 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	-	1	-	51	
EB 51.17 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	-	1	-		
EB 51.17 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	-	1	-		
PROJECT 1022-03-74		TOTALS		57	47							327.67	99.25	46	4		Note: [RA] = Right Arrow, [DA] = Double Arrow.

TYPE II PERMANENT SIGNS

IH 94				638.2602 Removing Signs	638.3000 Removing Small Sign Supports				New Sign	New Sign	637.2210 Signs Type II Reflective H (SF)	637.2230 Signs Type II Reflective F (SF)	634.0616 Posts Wood 4x6 - Inch x 16 - Ft. Each	634.0618 Posts Wood 4x6 - Inch x 18 - Ft. Each		
Westbound Mile Marker	Existing Sign Code	Existing Sign Description	Existing Sign Position	Type II (Each)	(Each)	New Sign Code	New Sign Description	Position	Width	Height					Order -Line 1	Notes
WB 80.73 mi	R2-1	Speed Limit	Right	1	2	R2-1	Speed Limit	Right	48.00	60.00	20.00	-	2	-	65	
WB 80.92 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	1	-		
WB 80.92 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	1	-		
WB 81.11 mi	R8-7	Emergency Stopping Only	Right	1	1	R8-7	Emergency Stopping Only	Right	48.00	36.00	12.00	-	1	-		
WB 81.27 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	1	-	51	
WB 81.72 mi	R4-5	Trucks Use Right Lane	Right	1	2	R4-5	Trucks Use Right Lane	Right	48.00	60.00	20.00	-	-	2		
WB 81.72 mi	R4-5	Trucks Use Right Lane	Median	1	2	R4-5	Trucks Use Right Lane	Median	48.00	60.00	20.00	-	-	2		
WB 81.83 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	1	-		
WB 81.83 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	1	-		
WB 82.25 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	1	-		
WB 82.25 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	1	-		
WB 82.28 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	1	-	50	
WB 82.36 mi	R4-3	Slower Traffic Keep Right	Right	1	1	R4-3	Slower Traffic Keep Right	Right	48.00	60.00	20.00	-	1	-		
WB 83.28 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	1	-	49	
WB 83.30 mi	W5-52L	Bridge Hash Marks	Median	1	1	W5-52L	Bridge Hash Marks	Median	18.00	54.00	-	6.75	1	-		
WB 83.30 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	1	-		
WB 83.48 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	-	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-		Mount on Back of EB R3-4B
WB 83.61(W) mi	R5-1A	Wrong Way	Right/W. Sta.	1	1	R5-1A	Wrong Way	Right/W. Sta.	36.00	24.00	6.00	-	1	-		
WB 83.61(W) mi	R5-1A	Wrong Way	Right/W. Sta.	1	1	R5-1A	Wrong Way	Right/W. Sta.	36.00	24.00	6.00	-	1	-		
WB 83.61(W) mi	R5-1	Do Not Enter	Right/W. Sta.	1	1	R5-1	Do Not Enter	Right/W. Sta.	36.00	36.00	9.00	-	1	-		
WB 83.61(W) mi	R5-1	Do Not Enter	Right/W. Sta.	1	-	R5-1	Do Not Enter	Right/W. Sta.	36.00	36.00	9.00	-	-	-		Mount on Back of Other R5-1
WB 83.61(W) mi	R2-1	Speed Limit	Right/W. Sta.	1	1	R2-1	Speed Limit	Right/W. Sta.	24.00	30.00	5.00	-	1	-	20	
WB 83.61(W) mi	R1-2	Yield	Right/W. Sta.	1	1	R1-2	Yield	Right/W. Sta.	36.00	31.00	3.88	-	1	-		
WB 83.61(W) mi	R2-1	Speed Limit	Right/W. Sta.	1	1	R2-1	Speed Limit	Right/W. Sta.	24.00	30.00	5.00	-	1	-	20	
WB 83.61(W) mi	I57-51	State Patrol Weigh Station No. 63	Right/W. Sta.	1	2	-	-	-	-	-	-	-	-	-		Do Not Replace
WB 83.61(W) mi	R5-1	Do Not Enter	Right/W. Sta.	1	1	R5-1	Do Not Enter	Right/W. Sta.	36.00	36.00	9.00	-	1	-		
WB 83.61(W) mi	R5-1	Do Not Enter	Right/W. Sta.	1	1	R5-1	Do Not Enter	Right/W. Sta.	36.00	36.00	9.00	-	1	-		
WB 83.61(W) mi	R1-1	Stop	Right/W. Sta.	1	-	R1-1	Stop	Right/W. Sta.	36.00	36.00	7.46	-	-	-		Mount on Back of R5-1
WB 83.61(W) mi	R1-1	Stop	Right/W. Sta.	1	-	R1-1	Stop	Right/W. Sta.	36.00	36.00	7.46	-	-	-		Mount on Back of R5-1
WB 83.61(W) mi	??????	Stop Here Wait For Instructions	Right/W. Sta.	1	-	??????	Stop Here Wait For Instructions	Right/W. Sta.				-	-	-		Mount on Back of R5-1
WB 83.61(W) mi	W4-1R	Thru Traffic Merge Left Symbol	Right/W. Sta.	1	1	W4-1R	Thru Traffic Merge Left Symbol	Right/W. Sta.	36.00	36.00	-	9.00	1	-		
WB 83.61(W) mi																
WB 83.61(W) mi	R5-53A	Buckle Up It's The Law	Right/W. Sta.	1	1	R5-53A	Buckle Up It's The Law	Right/W. Sta.	18.00	24.00	3.00	-	1	-		
WB 83.61(W) mi	R7-1L	No Parking Any Time (arrows)	Right/W. Sta.	1	1	R7-1L	No Parking Any Time (arrows)	Right/W. Sta.	18.00	24.00	3.00	-	1	-		
WB 83.61(W) mi	R7-1D	No Parking Any Time (arrows)	Right/W. Sta.	1	1	R7-1D	No Parking Any Time (arrows)	Right/W. Sta.	18.00	24.00	3.00	-	1	-		
WB 83.61(W) mi	R7-1R	No Parking Any Time (arrows)	Right/W. Sta.	1	1	R7-1R	No Parking Any Time (arrows)	Right/W. Sta.	18.00	24.00	3.00	-	1	-		
WB 83.84 mi	W4-1R	Thru Traffic Merge Left Symbol	Right	1	2	W4-1R	Thru Traffic Merge Left Symbol	Right	48.00	48.00	-	16.00	2	-		
WB 84.12 mi	W5-52R	Bridge Hash Marks	Right	1	1	W5-52R	Bridge Hash Marks	Right	18.00	54.00	-	6.75	1	-		
WB 84.12 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	-	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-		Mount on Back of EB R3-4B
WB 84.33 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	1	-	48	
WB 85.26 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	1	-	47	
WB 85.46 mi	M1-94	Crossroad Name	Median	1	1	M1-94	Crossroad Name	Median	54.00	21.00	7.88	-	1	-	Hwy E	See Sign Detail
WB 85.95 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	-	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-		Mount on Back of EB R3-4B
WB 86.26 mi	E5-1A	Exit Number 1-4 digits (w/ arrow)	Right/Gore	1	2	E5-1A	Exit Number 1-4 digits (w/ arrow)	Right	72.00	60.00	30.00	-	2	-	45	
WB 86.26 mi	J4-1	Reassurance Assembly (1 Headed Route)	Right/Gore	1	-	J4-1	Reassurance Assembly (1 Headed Route)	Right	24.00	36.00	6.00	-	-	-	Alternate 94	Mount w/ Exit Sign (E5-1A)
WB 86.38 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	1	-	46	
WB 86.32 mi	W3-3	Traffic Signals Ahead Symbol	Right/Ramp	1	1	W3-3	Traffic Signals Ahead Symbol	Right/Ramp	36.00	36.00	-	9.00	1	-		
WB 86.34 mi	R7-64	No Parking On Ramp	Right/Ramp	1	1	R7-64	No Parking On Ramp	Right/Ramp	48.00	30.00	10.00	-	1	-		
WB 86.36 mi	I5-1	Airport Symbol	Right/Ramp	1	1	I5-1	Airport Symbol	Right/Ramp	24.00	24.00	4.00	-	1	-		Mount on Dest. Sign (D1-1)
WB 86.36 mi	MG6-1	Arrow-Right-Green	Right/Ramp	1	-	MG6-1	Arrow-Right-Green	Right/Ramp	21.00	21.00	3.06	-	-	-		Mount w/ Airport Sign (I5-1)

(CONTINUED ON NEXT SHEET)

TYPE II PERMANENT SIGNS

IH 94				638.2602	638.3000						637.2210	637.2230	634.0616	634.0618		
Westbound		Existing	Existing	Removing	Removing	New		New	New	New	Signs	Signs	Posts Wood	Posts Wood		
Mile		Sign	Sign	Signs	Small Sign	Sign		Sign	Sign	Sign	Type II	Type II	4x6 - Inch	4x6 - Inch		
Marker	Code	Existing Sign Description	Position	Type II (Each)	Supports (Each)	Code	New Sign Description	Position	Size Width	Size Height	Reflective H (SF)	Reflective F (SF)	x 16 - Ft. Each	x 18 - Ft. Each	Order -Line 1	Notes
WB 86.36 mi	D1-1	One Destination (Arrow)	Right/Ramp	1	2	D1-1	One Destination (Arrow)	Right/Ramp	78.00	15.00	8.13	-	2	-	Menomonie [LA]	See Sign Detail
WB 86.36 mi	R5-1A	Wrong Way	Right/Ramp	1	-	R5-1A	Wrong Way	Right/Ramp	36.00	24.00	6.00	-	-	-		Mount on Back of SIS Sign
WB 86.36 mi	R5-1A	Wrong Way	Right/Ramp	1	-	R5-1A	Wrong Way	Right/Ramp	36.00	24.00	6.00	-	-	-		Mount on Back of Airport Sign (15-1)
WB 86.43 mi	J3-3	Directional Assembly	Right/Ramp	1	2	J3-3	Directional Assembly	Right/Ramp	72.00	57.00	28.50	-	-	2	B [DA] Hospital [LA] Alt. 94 [LA]	
WB 86.44 mi	R5-1	Do Not Enter	Right/Ramp	1	1	R5-1	Do Not Enter	Right/Ramp	30.00	30.00	6.25	-	1	-		
WB 86.45 mi	R1-1F	Stop (Folding Sign)	Right/Ramp	1	-	R1-1F	Stop (Folding Sign)	Right/Ramp	30.00	30.00	5.18	-	-	-		Mount on Signal Pole
WB 86.45 mi	R6-3	Divided Highway Crossing	Right/Ramp	1	-	R6-3	Divided Highway Crossing	Right/Ramp	30.00	24.00	5.00	-	-	-		Mount on Signal Pole
WB 86.45 mi	R1-1F	Stop (Folding Sign)	Right/Ramp	1	-	R1-1F	Stop (Folding Sign)	Right/Ramp	30.00	30.00	5.18	-	-	-		Mount on Signal Pole
WB 86.51(B) mi	-	-	-	-	-	R11-54-F	Ramp Closed Use Alt Route (Folding Sign)	Right (SB B)	48.00	30.00	10.00	-	1	-		New Sign
WB 86.51(B) mi	R5-1A	Wrong Way	Right (SB B)	1	1	R5-1A	Wrong Way	Right (SB B)	36.00	24.00	6.00	-	1	-		
WB 86.51(B) mi	R3-2	No Left Turn Symbol	Right (SB B)	1	-	R3-2	No Left Turn Symbol	Right (SB B)	24.00	24.00	4.00	-	-	-		Mount on Signal Pole
WB 86.51(B) mi	-	-	-	-	-	R11-54-F	Ramp Closed Use Alt Route (Folding Sign)	Right (SB B)	48.00	30.00	10.00	-	1	-		New Sign
WB 86.51(B) mi	MB3-2	Cardinal Direction Marker	Right (SB B)	1	1	J3-1	Directional Assembly	Right (SB B)	24.00	57.00	9.50	-	1	-	East 94 [RA]	
WB 86.51(B) mi	M1-1	IH Route Marker	Right (SB B)	1	-	-	-	-	-	-	-	-	-	-		
WB 86.51(B) mi	MB6-1	Directional Arrows	Right (SB B)	1	-	-	-	-	-	-	-	-	-	-		
WB 86.51(B) mi	R5-1	Do Not Enter	Right (SB B)	1	-	R5-1	Do Not Enter	Right (SB B)	30.00	30.00	6.25	-	-	-		Mount on Back of Directional Assemb. (J3-1)
WB 86.49(B) mi	R6-2L	One Way (Left Arrow)	Right (SB B)	1	-	R6-2L	One Way (Left Arrow)	Right (SB B)	18.00	24.00	3.00	-	-	-		Mount on Signal Pole
WB 86.50(B) mi	R4-7	Keep Right symbol	Median (SB B)	1	1	R4-7	Keep Right symbol	Median (SB B)	24.00	30.00	5.00	-	1	-		
WB 86.50(B) mi	W5-52L	Bridge Hash Marks	Median (SB B)	1	1	W5-52L	Bridge Hash Marks	Median (SB B)	18.00	54.00	-	6.75	1	-		
WB 86.50(B) mi	W5-52R	Bridge Hash Marks	Right (SB B)	1	1	W5-52R	Bridge Hash Marks	Right (SB B)	18.00	54.00	-	6.75	1	-		
WB 86.47(B) mi	R5-1A	Wrong Way	Right (NB B)	1	1	R5-1A	Wrong Way	Right (NB B)	36.00	24.00	6.00	-	1	-		
WB 86.48(B) mi	MB3-2	Cardinal Direction Marker	Right (NB B)	1	1	J3-1	Directional Assembly	Right (NB B)	24.00	57.00	9.50	-	1	-	East 94 [RA]	
WB 86.48(B) mi	M1-1	IH Route Marker	Right (NB B)	1	-	-	-	-	-	-	-	-	-	-		
WB 86.48(B) mi	MB6-1	Directional Arrows	Right (NB B)	1	-	-	-	-	-	-	-	-	-	-		
WB 86.48(B) mi	-	-	-	-	-	R11-54-F	Ramp Closed Use Alt Route (Folding Sign)	Right (NB B)	48.00	30.00	10.00	-	1	-		New Sign
WB 86.48(B) mi	R3-1	No Right Turn Symbol	Right (NB B)	1	1	R3-1	No Right Turn Symbol	Right (NB B)	24.00	24.00	4.00	-	1	-		
WB 86.48(B) mi	R5-1	Do Not Enter	Right (NB B)	1	-	R5-1	Do Not Enter	Right (NB B)	30.00	30.00	6.25	-	-	-		Mount on Back of Directional Assemb. (J3-1)
WB 86.52 mi	W4-1R	Thru Traffic Merge Left Symbol	Right	1	2	W4-1R	Thru Traffic Merge Left Symbol	Right	48.00	48.00	-	16.00	2	-		
WB 86.50 mi	R5-57	Ped. Bikes Non Motor Prohibited	Right/Ramp	1	1	R5-57	Ped. Bikes Non Motor Prohibited	Right/Ramp	36.00	36.00	9.00	-	1	-		
WB 86.95 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	1	-	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	36.00	48.00	12.00	-	-	-		Mount on Back of EB R3-4B
WB 87.04 mi	MB3-4	Cardinal Direction Marker	Right	1	1	J4-1	Reassurance Assembly (1 Headed Route)	Right	24.00	36.00	6.00	-	1	-	West 94	
WB 87.04 mi	M1-1	IH Route Marker	Right	1	-	-	-	-	-	-	-	-	-	-		
WB 87.09 mi	R2-1	Speed Limit	Right	1	2	R2-1	Speed Limit	Right	48.00	60.00	20.00	-	2	-	65	
WB 87.28 mi	D10-2	Milepost Marker (2 Digit)	Right	1	1	D10-2	Milepost Marker (2 Digit)	Right	12.00	36.00	3.00	-	1	-	45	
WB 88.06 mi	R3-4B	No U-Turn Symbol (w/R3-4A message)	Median	-	-	-	-	-	-	-	-	-	-	-		Existing Sign To Remain
		PROJECT 1022-06-72	TOTALS	80	66						505.47	124.25	61	6	Note: [RA] = Right Arrow, [LA] = Left Arrow, [DA] = Double Arrow, SIS = Service Information Sign	

FTMS PULL BOXES

653.0135 PULL BOXES STEEL 24 x 36-INCH			
CATEGORY 0030	ITEMID	LOCATION	EACH
	PBB01	IH 94 EB WEST OF CR B	1
PROJECT 1022-03-74 SUBTOTAL			1

FTMS PULL BOXES

653.0135 PULL BOXES STEEL 24 x 36-INCH			
CATEGORY 0030	ITEMID	LOCATION	EACH
	PBW01	IH 94 WB @ WILSON ST.	1
	PBW02		1
	PBW03		1
	PBE01	IH 94 WB @ CR E	1
	PBE02		1
PROJECT 1022-06-72 SUBTOTAL			5

FTMS CABINETS

659.0802 PLAQUES SEQUENCE IDENTIFICATION EACH				673.0225.S INSTALL POLE MOUNTED CABINET EACH	
CATEGORY 0030	ITEM I.D.	LOCATION			
	DMS-17-0022	IH 94 EB WEST OF CR B		1	1
PROJECT 1022-03-74 SUBTOTAL				1	1

FTMS CABINETS

659.0802 PLAQUES SEQUENCE IDENTIFICATION EACH				673.0225.S INSTALL POLE MOUNTED CABINET EACH	
CATEGORY 0030	ITEM I.D.	LOCATION			
	DMS-17-0021	IH 94 WB @ WILSON ST.		1	1
	DMS-17-0023	IH 94 WB @ CR E		1	1
PROJECT 1022-06-72 SUBTOTAL				2	2

FTMS POWER

				655.0625 ELECTRICAL WIRE LIGHTING 6 AWG		656.0200.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL DMS-17-0022		656.0500.01 ELECTRICAL SERIVCE BREAKER DISCONNECT BOX DMS-17-0022	
ITEM I.D.	LOCATION	MB I.D.	NUMBER OF WIRES	WIRE LINEAR DISTANCE FROM CABINET TO METER BREAKER PEDESTAL	LF		LS		LS
DMS-17-0022	IH 94 EB WEST OF CR B	MBW01	3	75	225		1		1
PROJECT 1022-03-74 SUBTOTAL					225		1		1

FTMS POWER

				655.0625 ELECTRICAL WIRE LIGHTING 6 AWG		655.0635 ELECTRICAL WIRE LIGHTING 2 AWG		656.0200.01 ELECTRICAL SERVICE METER BREAKER PEDESTAL DMS-17-0021		656.0200.02 ELECTRICAL SERVICE METER BREAKER PEDESTAL DMS-17-0023		656.0500.01 ELECTRICAL SERIVCE BREAKER DISCONNECT BOX DMS-17-0021		656.0500.02 ELECTRICAL SERIVCE BREAKER DISCONNECT BOX DMS-17-0023	
CATEGORY 0030	ITEM I.D.	LOCATION	MB I.D.	NUMBER OF WIRES	WIRE LINEAR DISTANCE FROM CABINET TO METER BREAKER PEDESTAL	LF	LF		LS		LS		LS		LS
	DMS-17-0021	IH 94 WB @ WILSON ST.	MBW01	3	500	--	1500	1	--	1	--	1	--	1	1
	DMS-17-0023	IH 94 WB @ CR E	MBE01	3	350	1050	--	--	1	--	--	--	--	--	1
PROJECT 1022-06-72 SUBTOTAL						1050	1500	1	1	1		1		2	

FTMS CONDUIT							
CATEGORY 0030	FROM	TO	LOCATION	LINEAR DISTANCE	652.0125 CONDUIT RIGID METALLIC 2-INCH LF	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0605 CONDUIT SPECIAL 2-INCH LF
	MBB01	PBB01	IH 94 EB WEST OF CR B	60	--	60	75
	PBB01	DMS-17-0022		10	15	185	--
		G17-XXXX	IH 94 @ CR B	10	--	10	--
PROJECT 1022-03-74 SUBTOTAL					15	255	75

FTMS CONDUIT							
CATEGORY 0030	FROM	TO	LOCATION	LINEAR DISTANCE	652.0125 CONDUIT RIGID METALLIC 2-INCH LF	652.0225 CONDUIT RIGID NONMETALLIC SCHEDULE 40 2-INCH LF	652.0605 CONDUIT SPECIAL 2-INCH LF
	MBW01	PBW01	IH 94 WB @ WILSON ST.	75	--	--	75
	PBW01	PBW02		185	--	185	--
	PBW02	PBW03		185	--	185	--
	PBW03	DMS-17-0021		15	20	--	--
	MBE01	PBE01	IH 94 WB @ CR E	110	--	--	110
	PBE01	PBE02		215	--	215	--
	PBE02	DMS-17-0023		15	20	--	--
		G17-XXXX	IH 94 @ CR B	10	--	10	--
PROJECT 1022-06-72 SUBTOTAL					40	595	185

FTMS LUMP SUM MISCELLANEOUS QUANTITIES				
CATEGORY 0030	ROAD	LOCATION	670.0100 FIELD SYSTEM INTEGRATOR LS	670.0200 ITS DOCUMENTATION LS
	IH 94			
		PROJECT	1	1
PROJECT 1022-03-74 SUBTOTAL			1	1

FTMS LUMP SUM MISCELLANEOUS QUANTITIES				
CATEGORY 0030	ROAD	LOCATION	670.0100 FIELD SYSTEM INTEGRATOR LS	670.0200 ITS DOCUMENTATION LS
	IH 94			
		PROJECT	1	1
PROJECT 1022-06-72 SUBTOTAL			1	1

FTMS DYNAMIC MESSAGE SIGNS											
CATEGORY 0030	ITEM I.D.	LOCATION	STEEL POST TYPE	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS LB	636.0100 SIGN SUPPORTS CONCRETE MASONRY CY	636.0500 SIGN SUPPORTS STEEL REINFORCEMENT LB	SPV.0060.03 INSTALL GROUND MOUNT DMS EACH	INFO ONLY - POST LENGTHS TO BE VERIFIED BY CONTRACTOR			
	DMS-17-0022	IH 94 EB WEST OF CR B	C	1515	2.7	150	1	POST NO. 1 LENGTH FT	POST NO. 2 LENGTH FT	POST NO. 3 LENGTH FT	SIGN OFFSET DISTANCE FT
PROJECT 1022-03-74 SUBTOTAL				1515	2.7	150	1				

FTMS DYNAMIC MESSAGE SIGNS											
CATEGORY 0030	ITEM I.D.	LOCATION	STEEL POST TYPE	635.0200 SIGN SUPPORTS STRUCTURAL STEEL HS LB	636.0100 SIGN SUPPORTS CONCRETE MASONRY CY	636.0500 SIGN SUPPORTS STEEL REINFORCEMENT LB	SPV.0060.03 INSTALL GROUND MOUNT DMS EACH	INFO ONLY - POST LENGTHS TO BE VERIFIED BY CONTRACTOR			
	DMS-17-0021	IH 94 WB @ WILSON ST.	C	1515	2.7	150	1	POST NO. 1 LENGTH FT	POST NO. 2 LENGTH FT	POST NO. 3 LENGTH FT	SIGN OFFSET DISTANCE FT
	DMS-17-0023	IH 94 WB @ CR E	C	1515	2.7	150	1	17.00	17.00	17.00	31
PROJECT 1022-06-72 SUBTOTAL				3030	5.4	300	2				

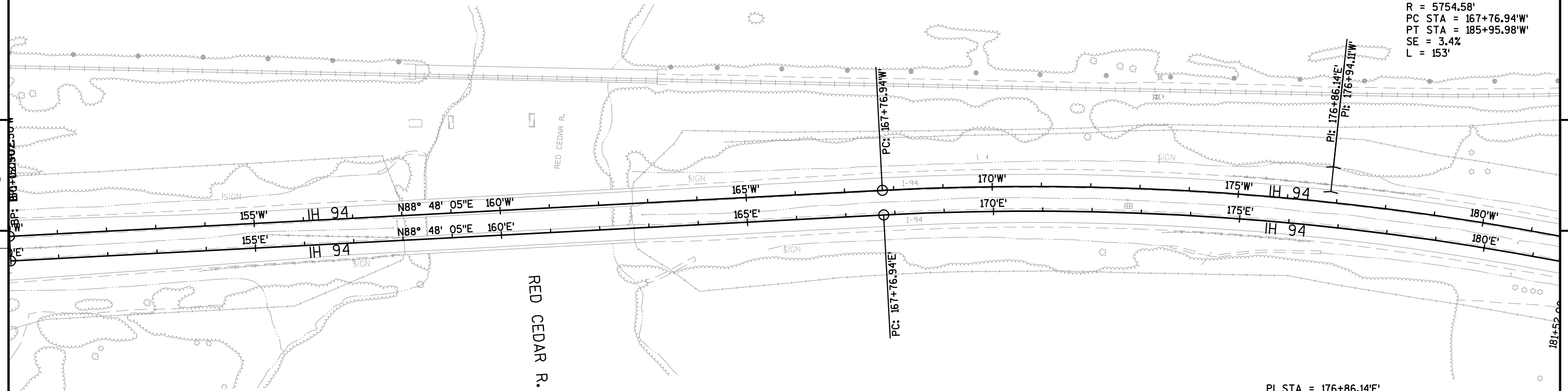
			ON-RAMP CLOSURE GATES					
CATEGORY 0030	ITEMID.	LOCATION	654.0105	654.0220	657.0100	657.0255	657.0405	662.2030.S
			CONCRETE	CONCRETE		TRANSFORMER	TRAFFIC	RAMP
			BASES	CONTROL CABINET	PEDESTAL	BASE BREAKAWAY	SIGNAL	CLOSURE
			TYPE 5	BASE TYPE 10	BASES	11 1/2-INCH	STANDARDS	GATE SOLAR
			EACH	EACH	EACH	BOLT CIRCLE	ALUMINUM	30-FT
			EACH	EACH	EACH	EACH	EACH	EACH
	G17-XXXX	IH 94 @ CR B (EB ON-RAMP)	1	1	1	1	1	1
PROJECT 1022-03-74 SUBTOTAL			1	1	1	1	1	1

			ON-RAMP CLOSURE GATES					
CATEGORY 0030	ITEMID.	LOCATION	654.0105	654.0220	657.0100	657.0255	657.0405	662.2030.S
			CONCRETE	CONCRETE		TRANSFORMER	TRAFFIC	RAMP
			BASES	CONTROL CABINET	PEDESTAL	BASE BREAKAWAY	SIGNAL	CLOSURE
			TYPE 5	BASE TYPE 10	BASES	11 1/2-INCH	STANDARDS	GATE SOLAR
			EACH	EACH	EACH	BOLT CIRCLE	ALUMINUM	30-FT
			EACH	EACH	EACH	EACH	EACH	EACH
	G17-XXXX	IH 94 @ CR B (WB ON-RAMP)	1	1	1	1	1	1
PROJECT 1022-06-72 SUBTOTAL			1	1	1	1	1	1



PI STA = 176+94.11'W'
Y = 182196.913
X = 170854.621
DELTA = 18°06'41"
D = 0°59'44"
T = 917.17'
L = 1819.04'
R = 5754.58'
PC STA = 167+76.94'W'
PT STA = 185+95.98'W'
SE = 3.4%
L = 153'

PI STA = 176+86.14'E'
Y = 182146.757
X = 170847.699
DELTA = 18°06'41"
D = 1°00'16"
T = 909.20'
L = 1803.23'
R = 5704.58'
PC STA = 167+76.94'E'
PT STA = 185+80.17'E'
SE = 3.4%
L = 153'



PROJECT NO:1022-03-74 & 1022-06-72

HWY: IH 94

COUNTY: DUNN

PLAN

SHEET

E

FILE NAME : C:\CIVIL 3D PROJECTS\10220304\SHEETSPLAN\050105_PLAN.DWG

PLOT DATE : 2/27/2014 2:06 PM

PLOT BY : K. KOPACZ

PLOT NAME :

PLOT SCALE : 1 IN:200 FT

WISDOT/CADDs SHEET 44



213+02.00

5

5

BEGIN PROJECT 1022-06-72
STA. 187+75'W'
BUTT JOINT REQ'D.

BEGIN PROJECT 1022-03-74
STA. 182+60'E'
BUTT JOINT REQ'D.

PT: 185+95.98'W'

PT: 185+80.17'E'

PC: 204+49.78'W'

PC: 204+33.98'E'

STOKKE PARKWAY

185'W'

185'E'

IH 94

I-94

190'W'

190'E'

195'W'

195'E'

S73° 05' 14"E

S73° 05' 14"E

200'W'

200'E'

205'W'

205'E'

IH 94

IH 94

210'W'

210'E'

I-94

I-94

181+52.00

PROJECT NO:1022-03-74 & 1022-06-72

HWY: IH 94

COUNTY: DUNN

PLAN

SHEET

E

FILE NAME : C:\CIVIL 3D PROJECTS\10220304\SHEETSPLAN\050105_PLAN.DWG

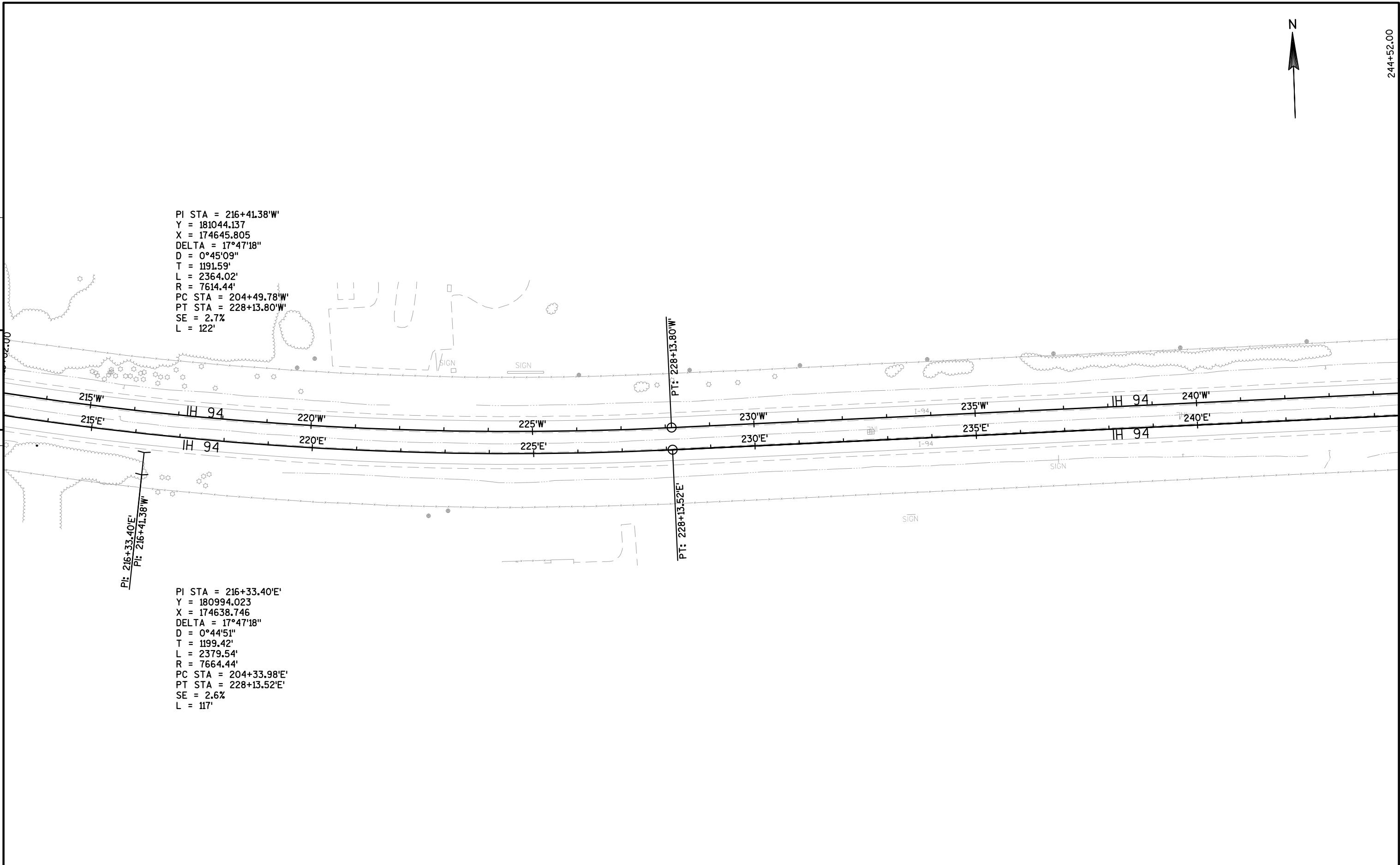
PLOT DATE : 2/27/2014 2:07 PM

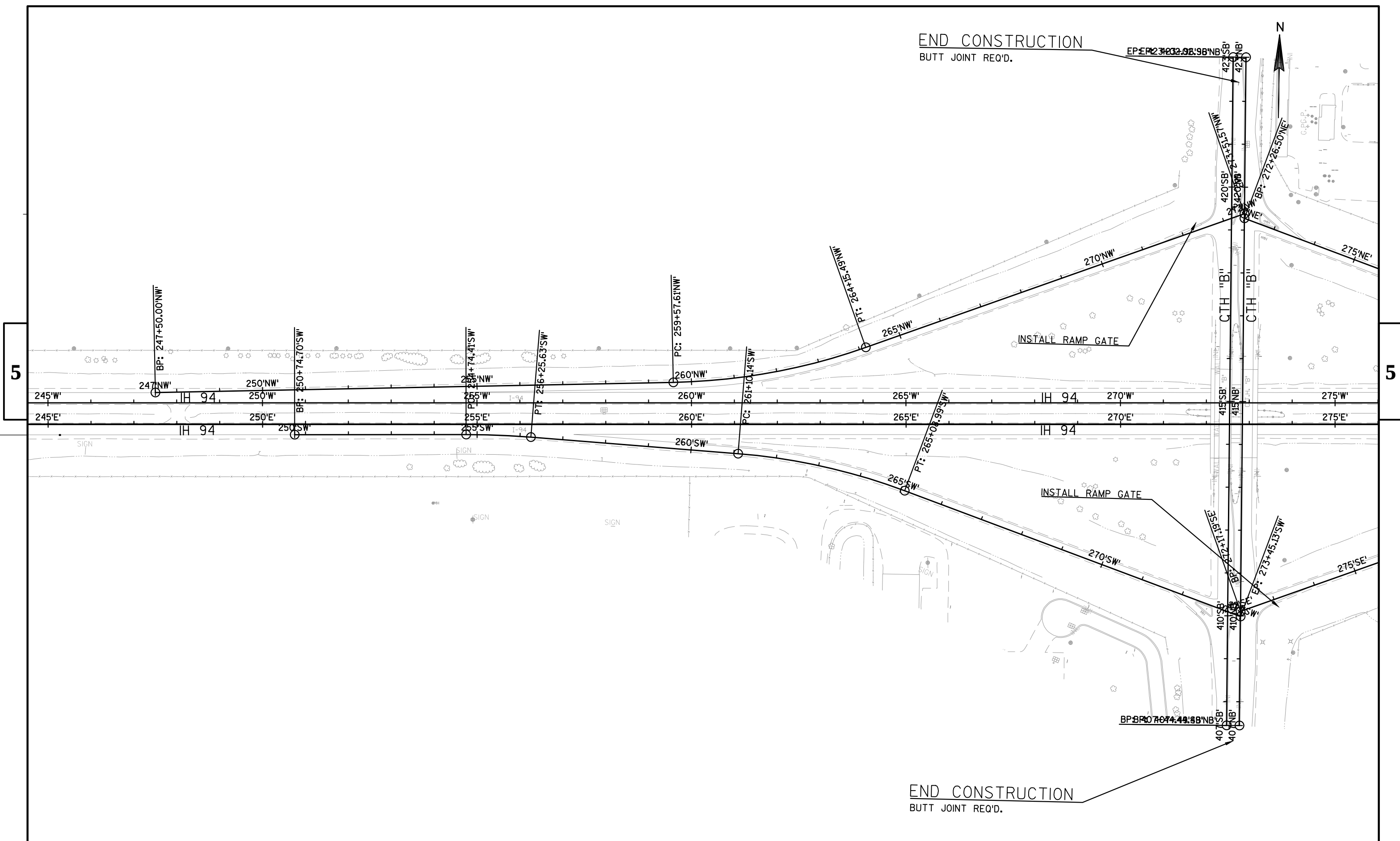
PLOT BY : K. KOPACZ

PLOT NAME :

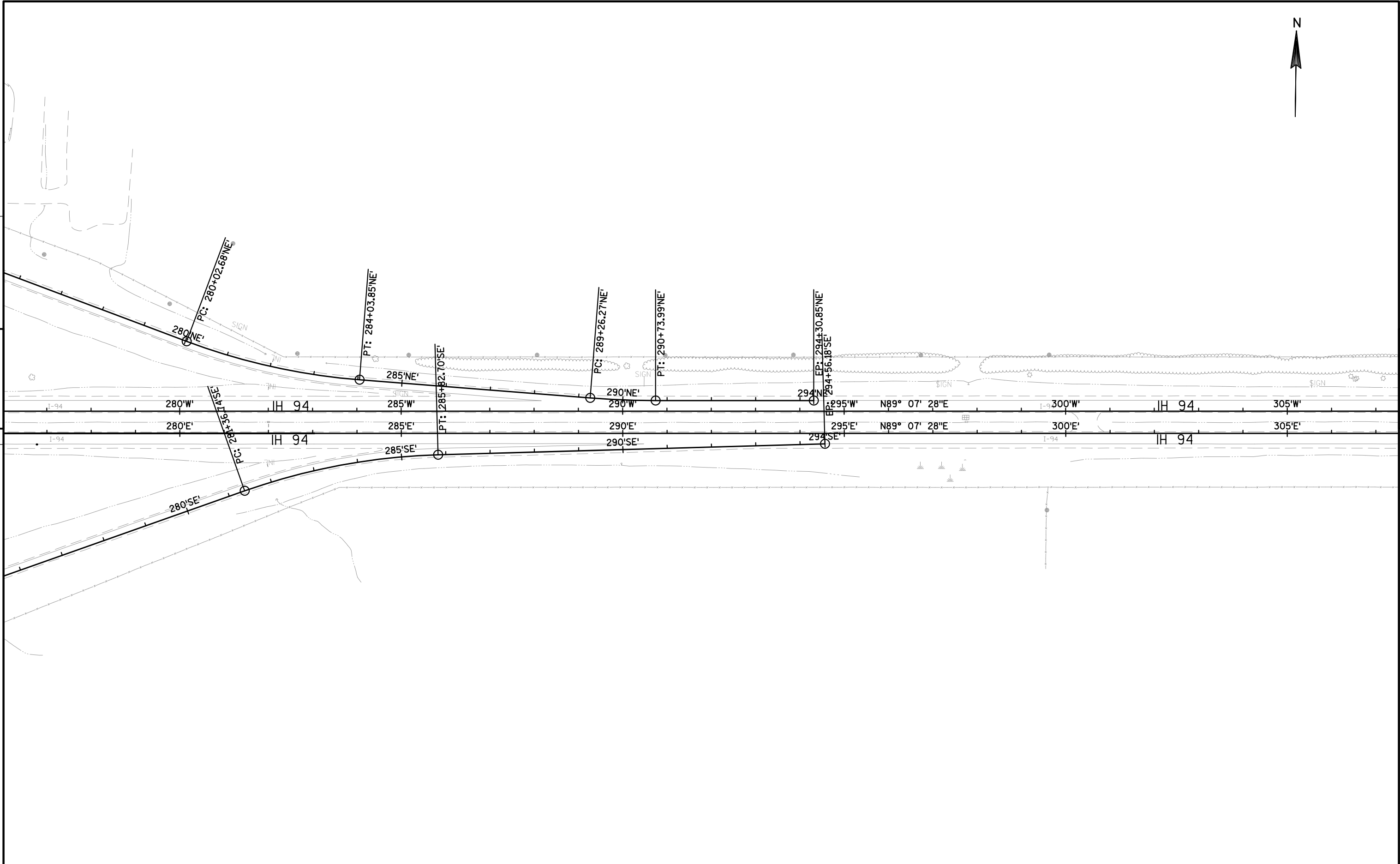
PLOT SCALE : 1 IN:200 FT

WISDOT/CADDs SHEET 44





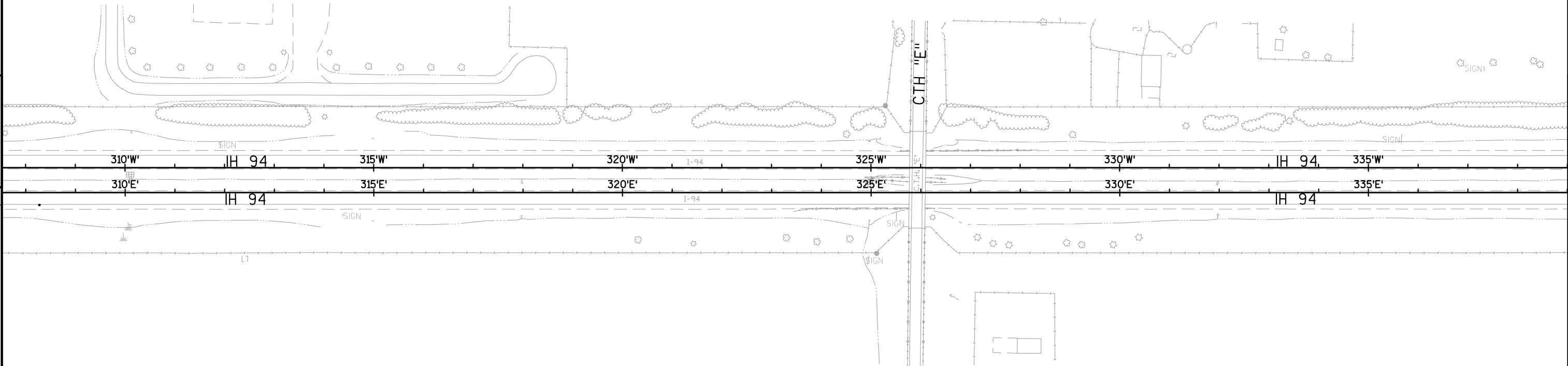
PROJECT NO:1022-03-74 & 1022-06-72	HWY: IH 94	COUNTY: DUNN	PLAN	SHEET	E
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PROJECT NO:1022-03-74 & 1022-06-72	HWY: IH 94	COUNTY: DUNN	PLAN	SHEET	E
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PROJECT NO:1022-03-74 & 1022-06-72	HWY: IH 94	COUNTY: DUNN	PLAN	SHEET	E
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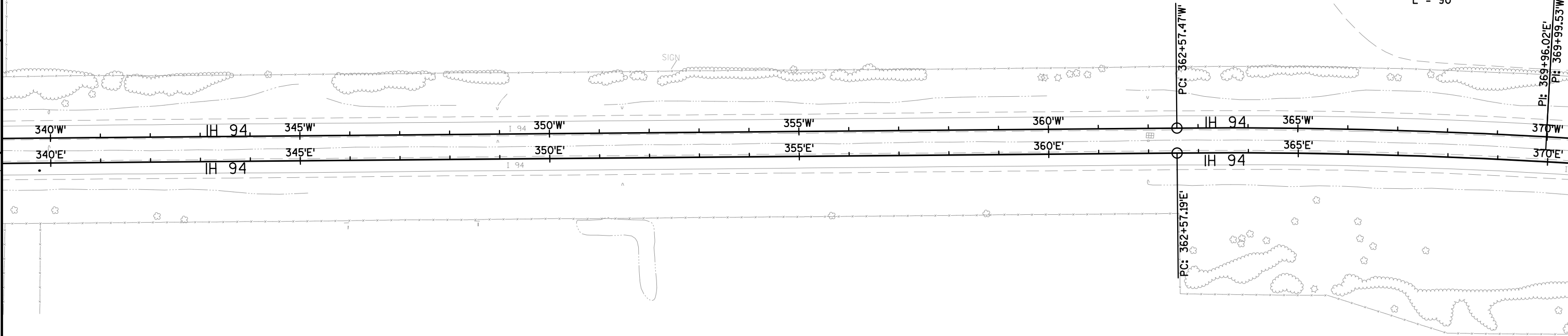


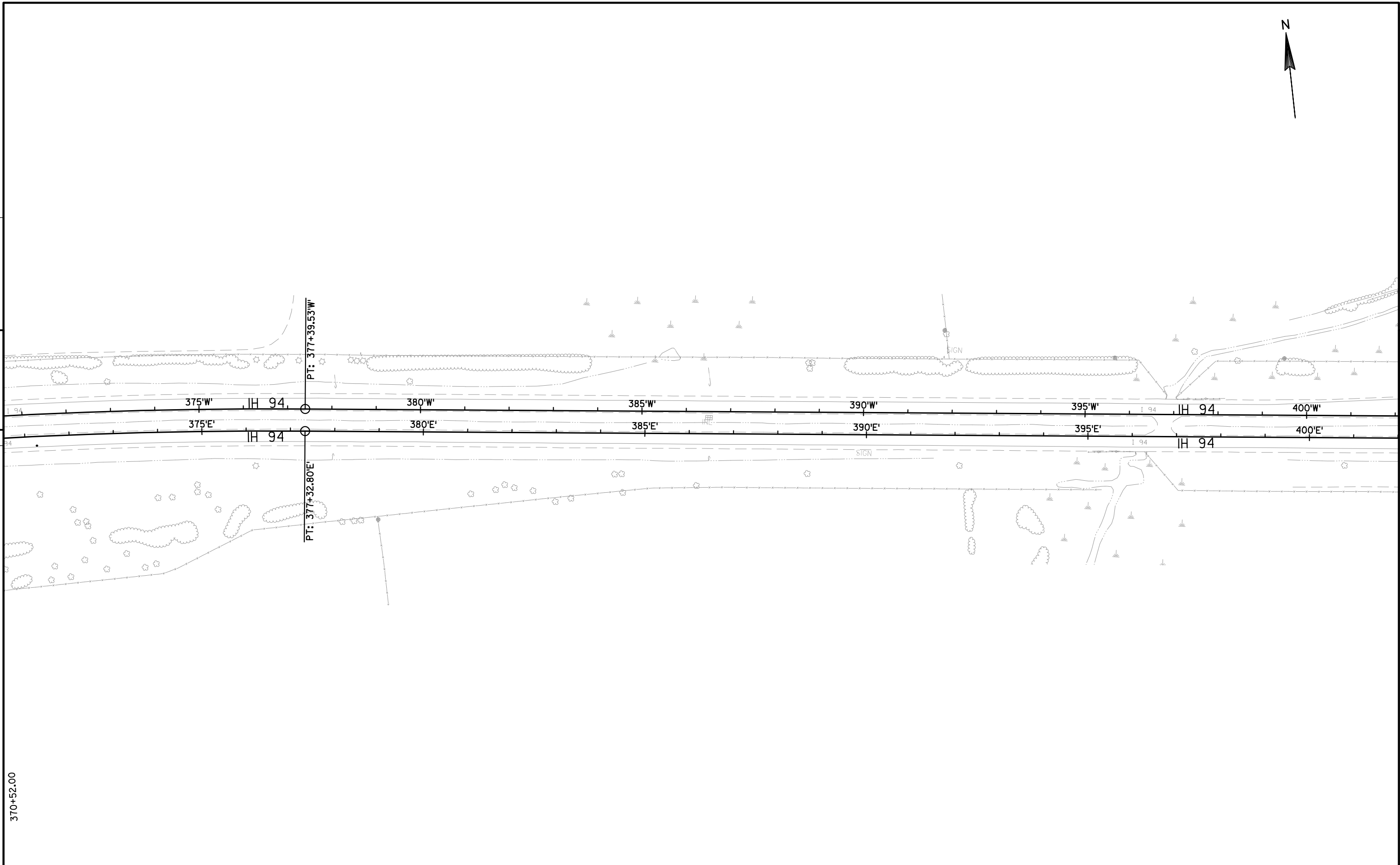
PI STA = 369+99.53'W'
Y = 181279.103
X = 190021.336
DELTA = 7°23'39"
D = 0°29'56"
T = 742.06'
L = 1482.06'
R = 11484.16'
PC STA = 362+57.47'W'
PT STA = 377+39.53'W'
SE = R.C. (2.0%)
L = 90'

PI STA = 369+96.02'E'
Y = 181229.059
X = 190018.870
DELTA = 7°23'39"
D = 0°30'04"
T = 738.83'
L = 1475.61'
R = 11434.16'
PC STA = 362+57.19'E'
PT STA = 377+32.80'E'
SE = R.C. (2.0%)
L = 90'

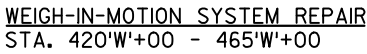
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5





PROJECT NO:1022-03-74 & 1022-06-72	HWY: IH 94	COUNTY: DUNN	PLAN	SHEET	E
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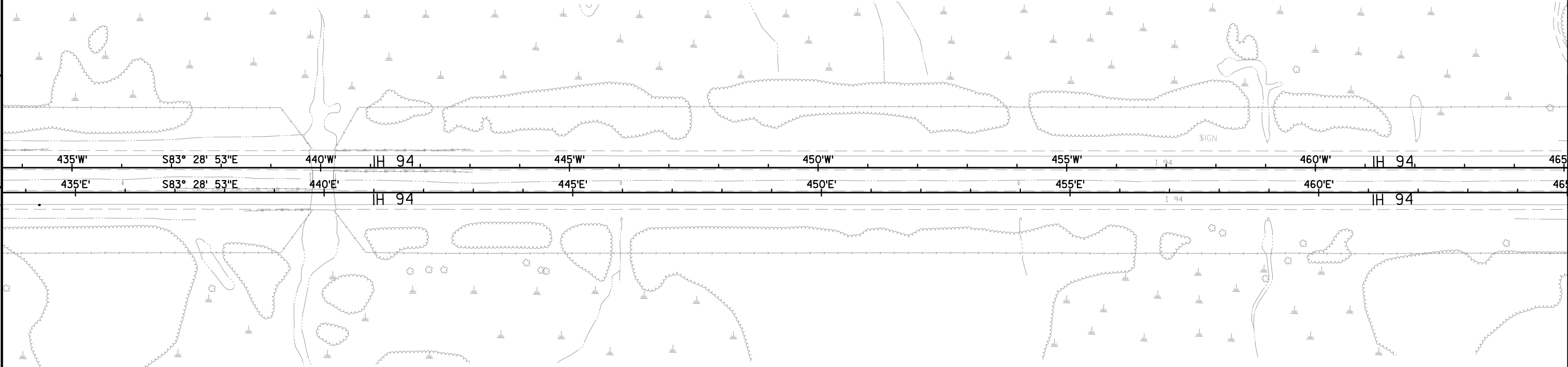
WEIGH-IN-MOTION SYSTEM REPAIR
STA. 420'W'+00 - 465'W'+00

ADJUSTING BEAM GUARD REQ'D.
STA. 452'W'+00 - 453'W'+50, LT.



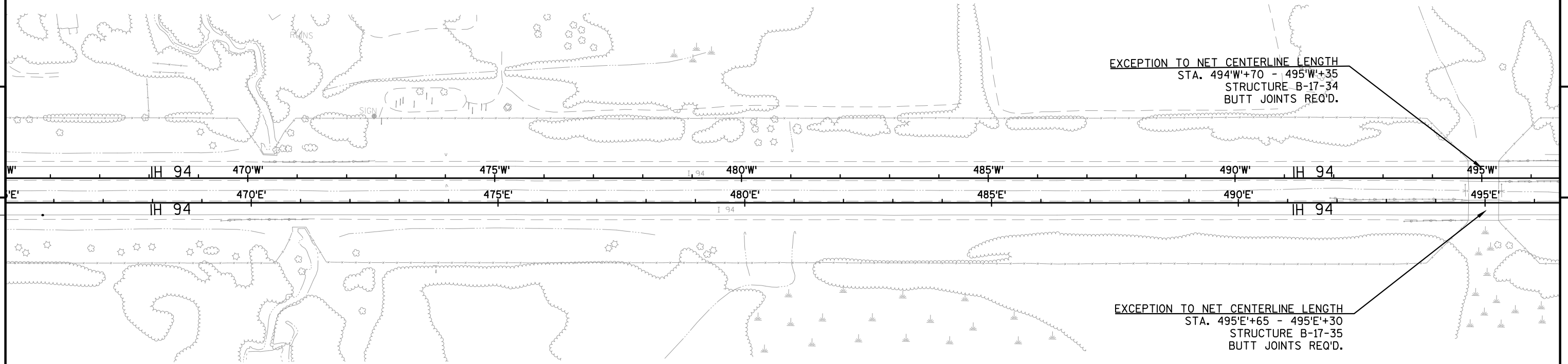
5

5





5



5

ADJUSTING BEAM GUARD REQ'D.
STA. 469'E+90 - 471'E+15, RT.

EXCEPTION TO NET CENTERLINE LENGTH
STA. 494'W+70 - 495'W+35
STRUCTURE B-17-34
BUTT JOINTS REQ'D.

EXCEPTION TO NET CENTERLINE LENGTH
STA. 495'E+65 - 495'E+30
STRUCTURE B-17-35
BUTT JOINTS REQ'D.



ADJUSTING BEAM GUARD REQ'D.
STA. 510'W'+25 - 511'W'+31.25, LT.

PI STA = 514+51.01'W'
Y = 179638.242
X = 204381.431
DELTA = 26°54'15"
D = 0°59'44"
T = 1376.47'
L = 2702.17'
R = 5754.58'
PC STA = 500+74.54'W'
PT STA = 527+76.71'W'
SE = 3.4%
L = 153'

EXCEPTION TO NET CENTERLINE LENGTH
STA. 517'W'+15 - 517'W'+45
STRUCTURE B-17-36
BUTT JOINTS REQ'D.

EXCEPTION TO NET CENTERLINE LENGTH
STA. 516'E'+95 - 517'E'+25
STRUCTURE B-17-37
BUTT JOINTS REQ'D.

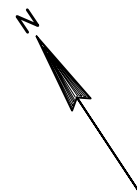
ADJUSTING BEAM GUARD REQ'D.
STA. 514'E'+65 - 516'E'+65, LT.

PI STA = 514+32.31'E'
Y = 179589.923
X = 204363.872
DELTA = 26°54'15"
D = 1°00'16"
T = 1364.51'
L = 2678.69'
R = 5704.58'
PC STA = 500+67.81'E'
PT STA = 527+46.49'E'
SE = 3.4%
L = 153'

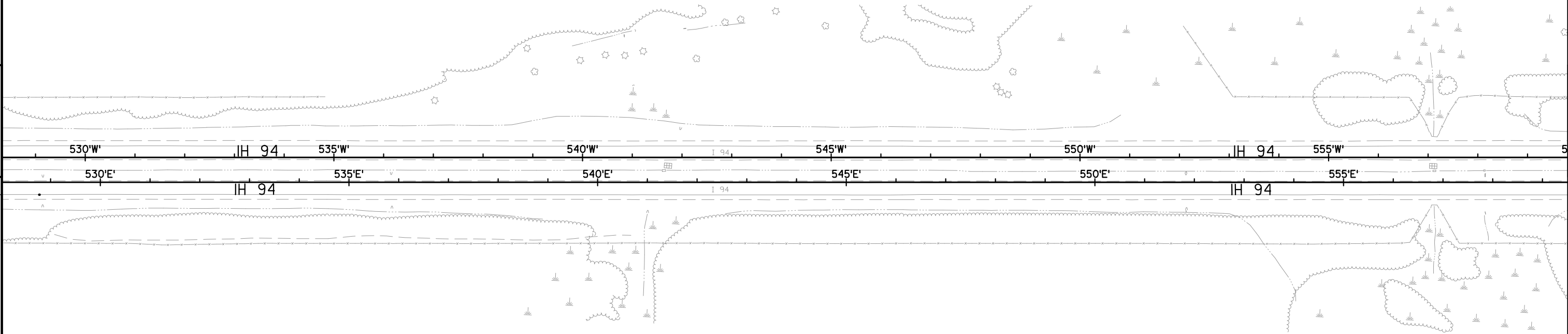
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496+52.00

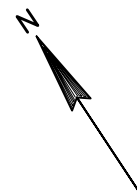


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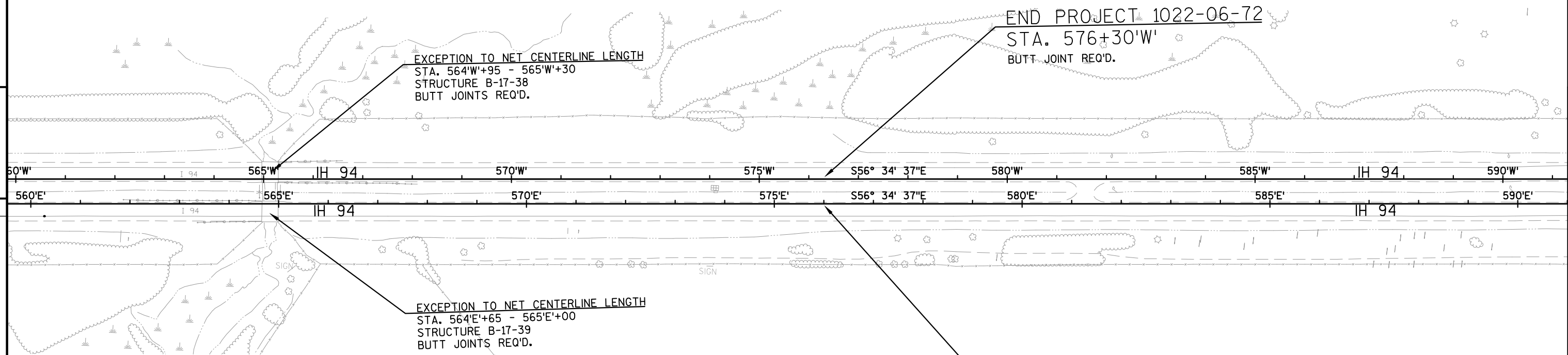
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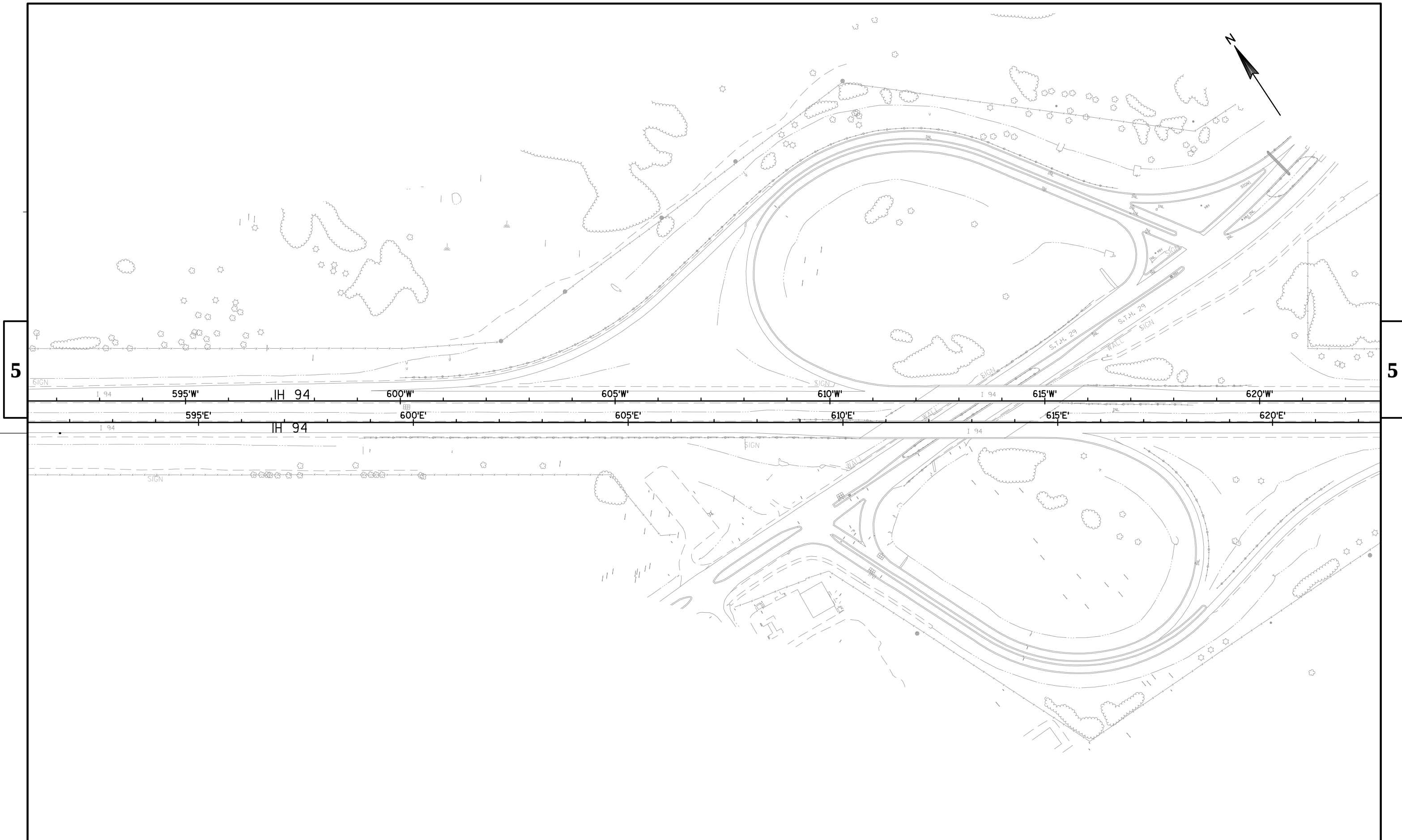
PROJECT NO:1022-03-74 & 1022-06-72	HWY: IH 94	COUNTY: DUNN	PLAN	SHEET	E
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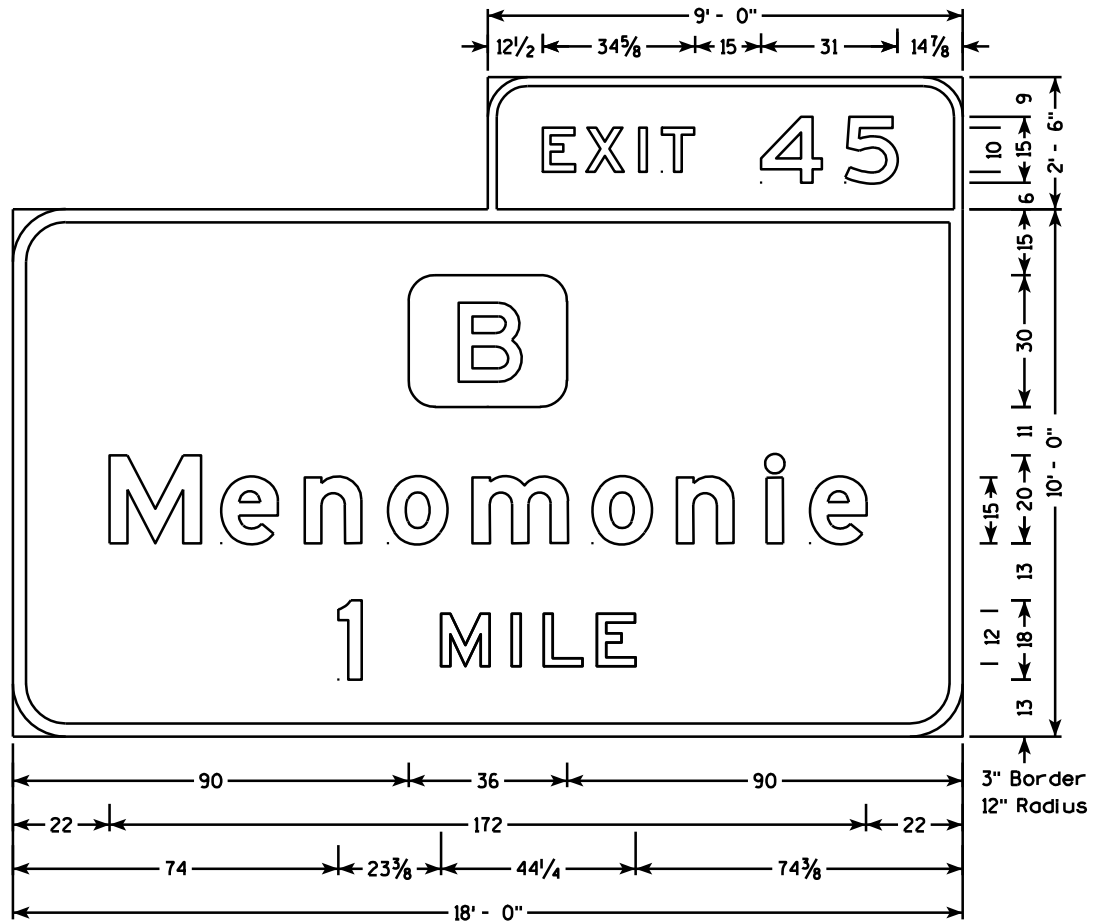


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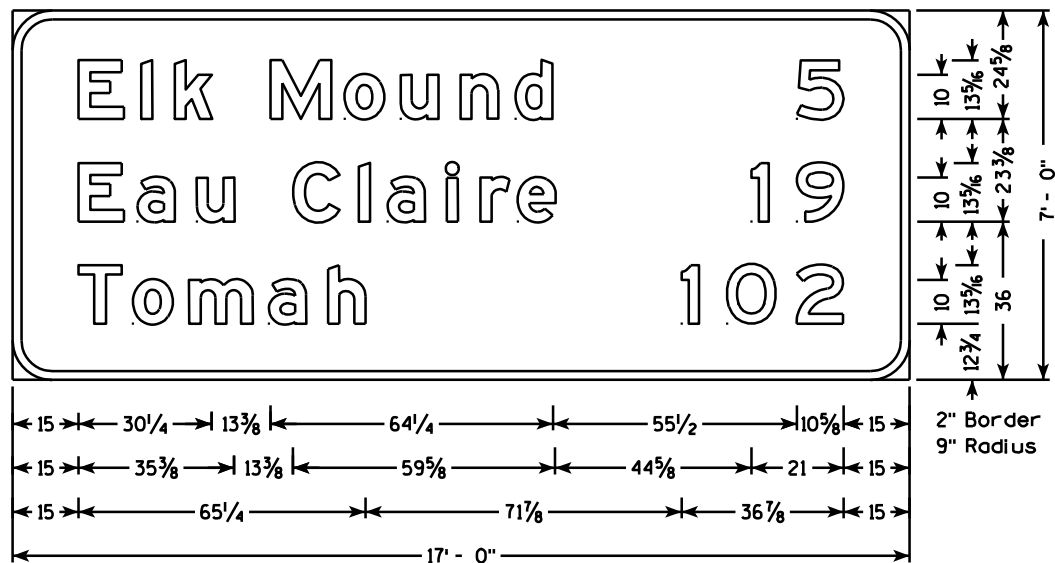
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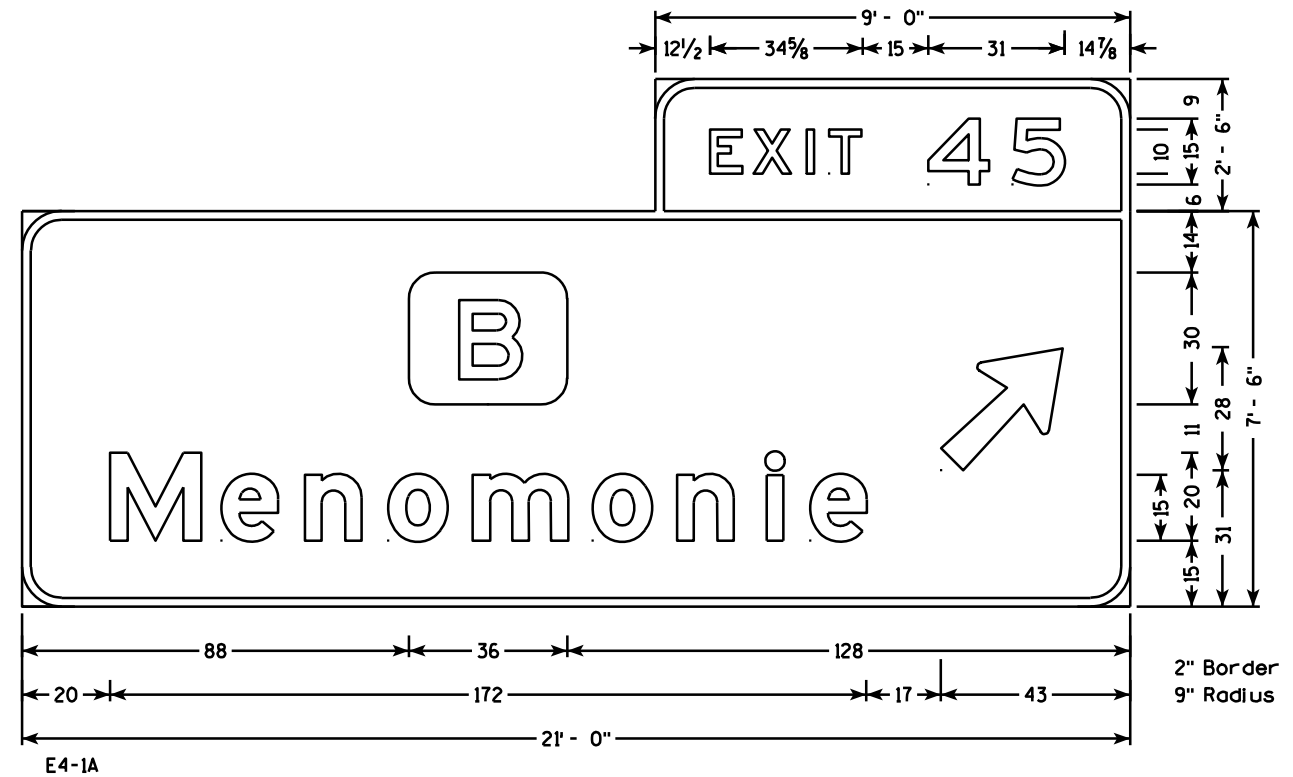
E1-1A



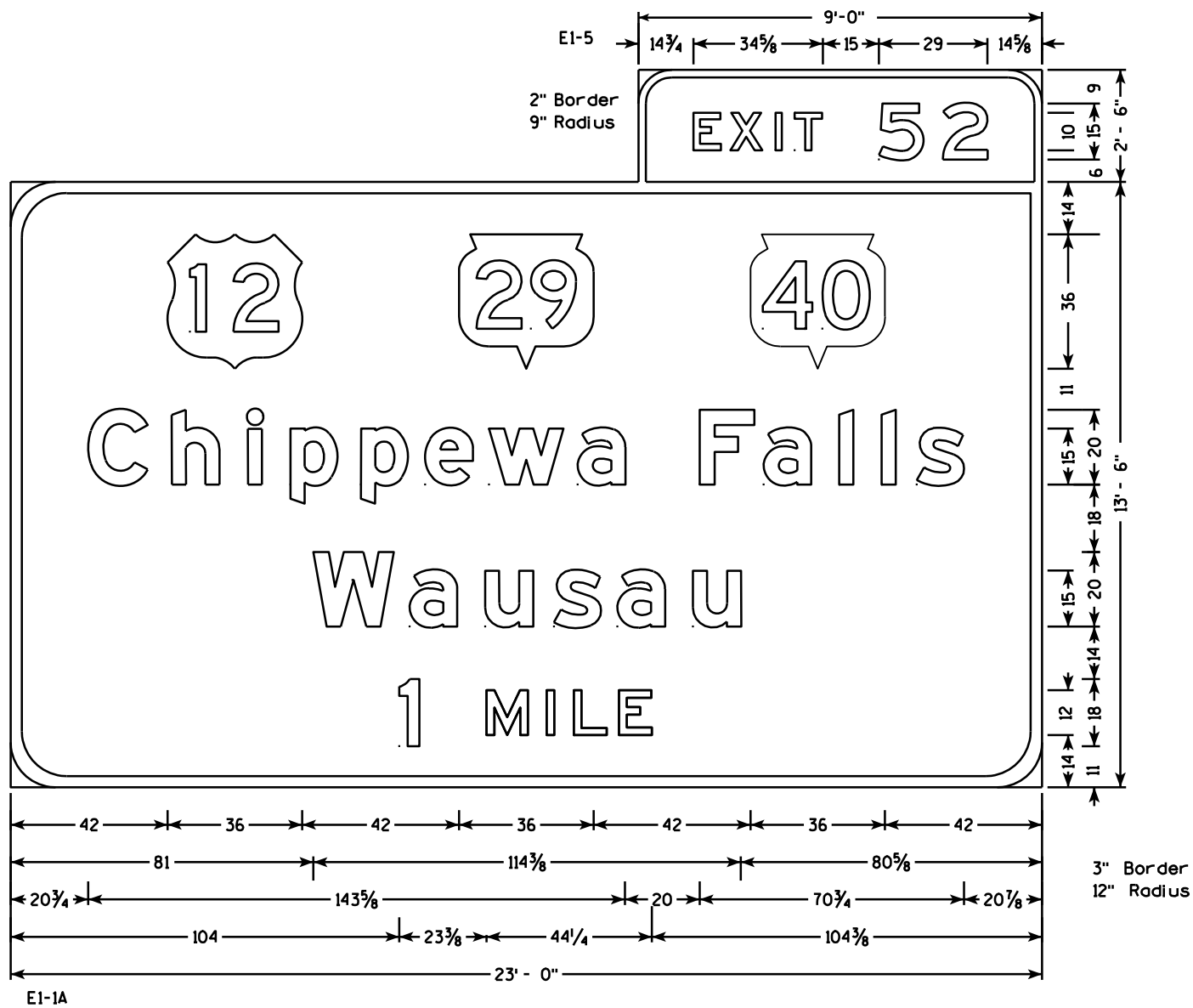
D2-3

NOTES

1. All Signs are Type I - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - Green
Message - White
3. Message Series - E Modified except all cap WORDS are Series E

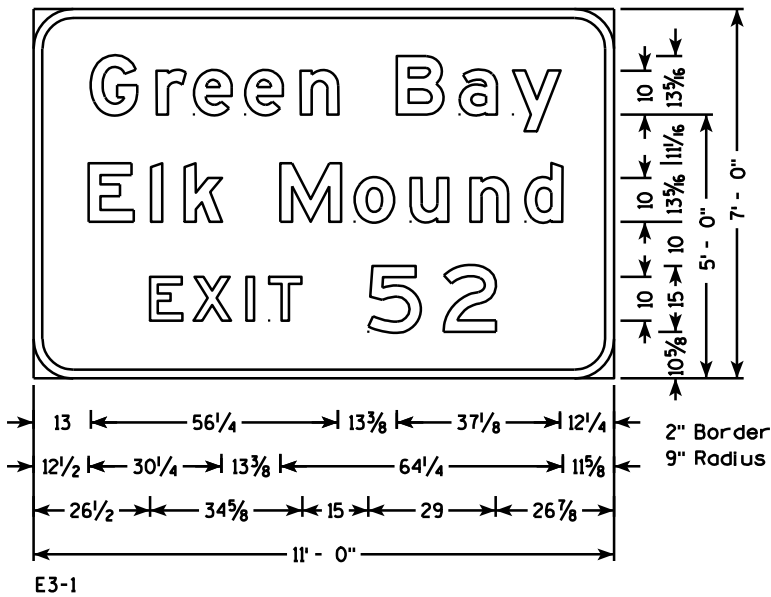


E4-1A



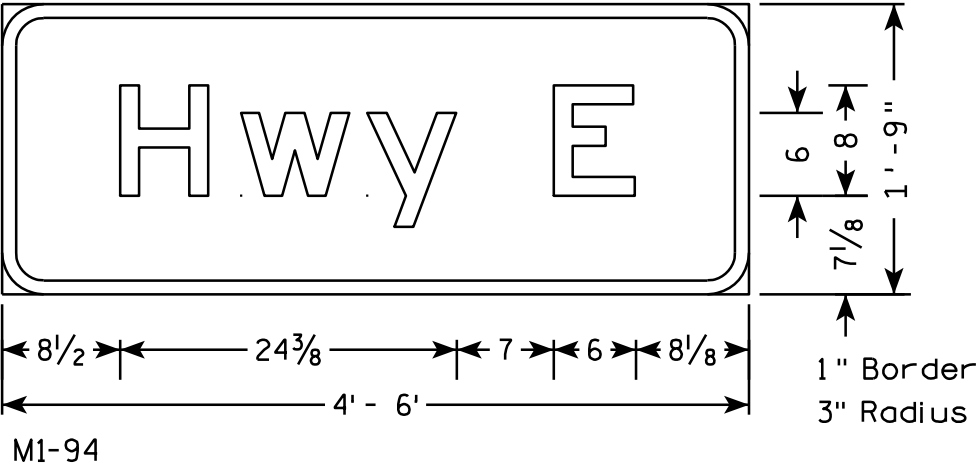
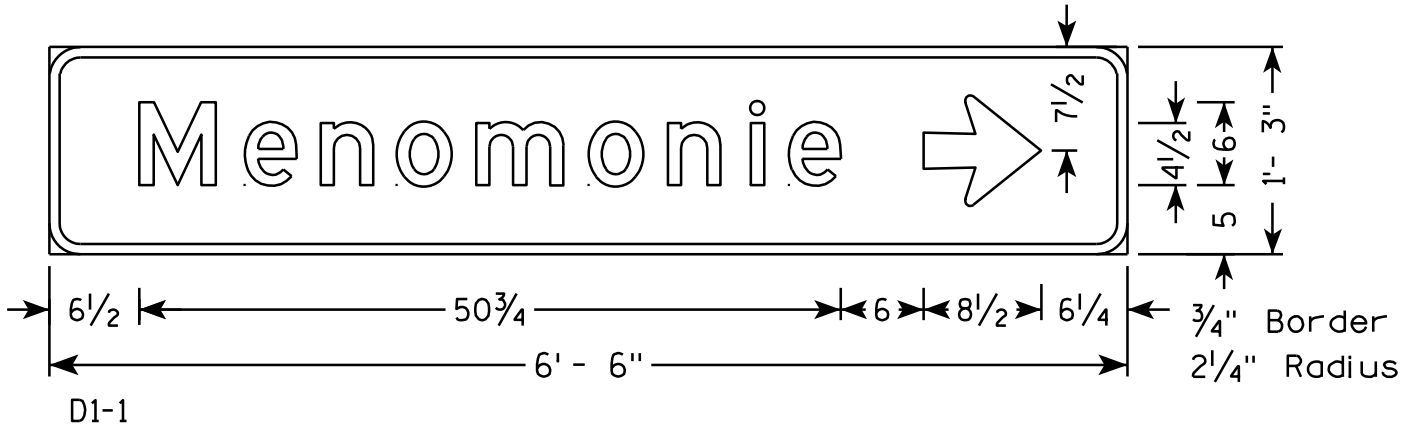
NOTES

1. All Signs are Type I - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
 - Background - Green
 - Message - White
3. Message Series - E Modified except all cap WORDS are Series E



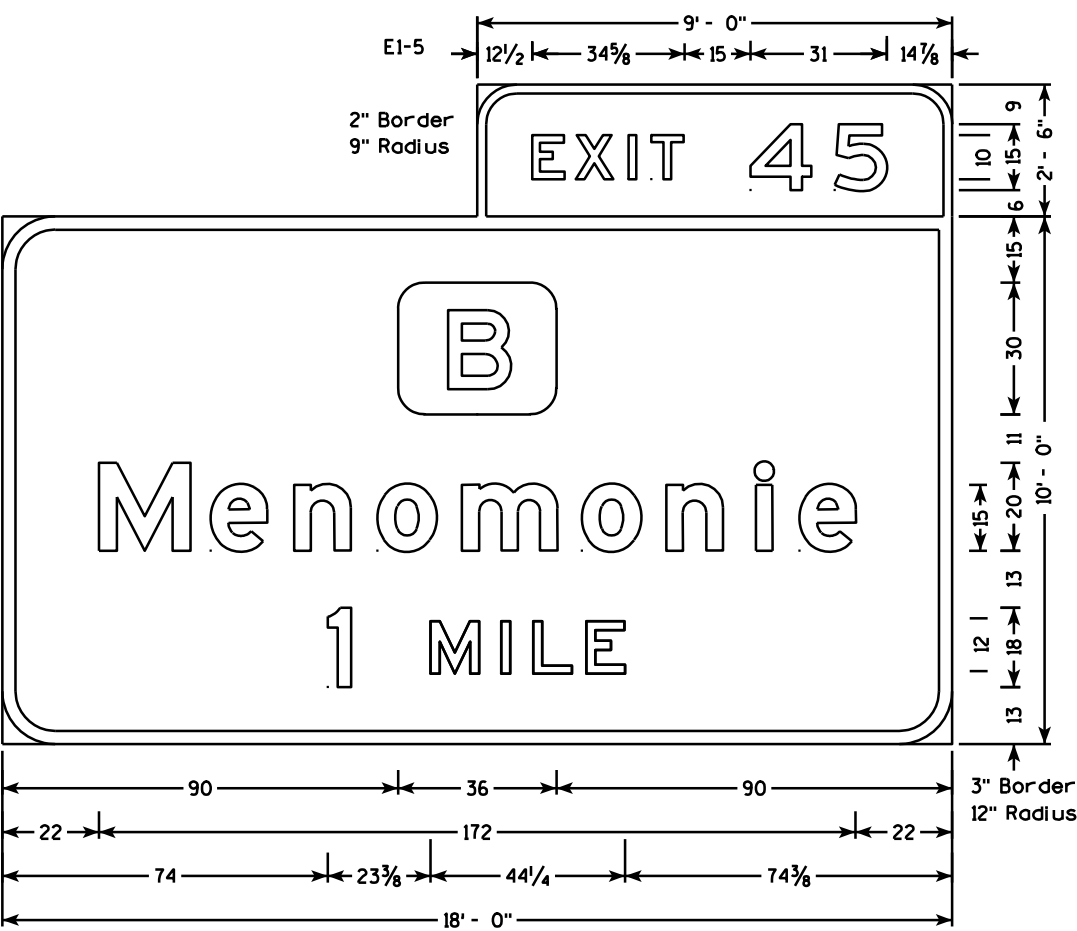
NOTES

- 1. All Signs Type II - Reflective - reference
WIS DOT Standard Specification for HIGHWAY
and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - GREEN
Message - WHITE
- 3. Message Series - E

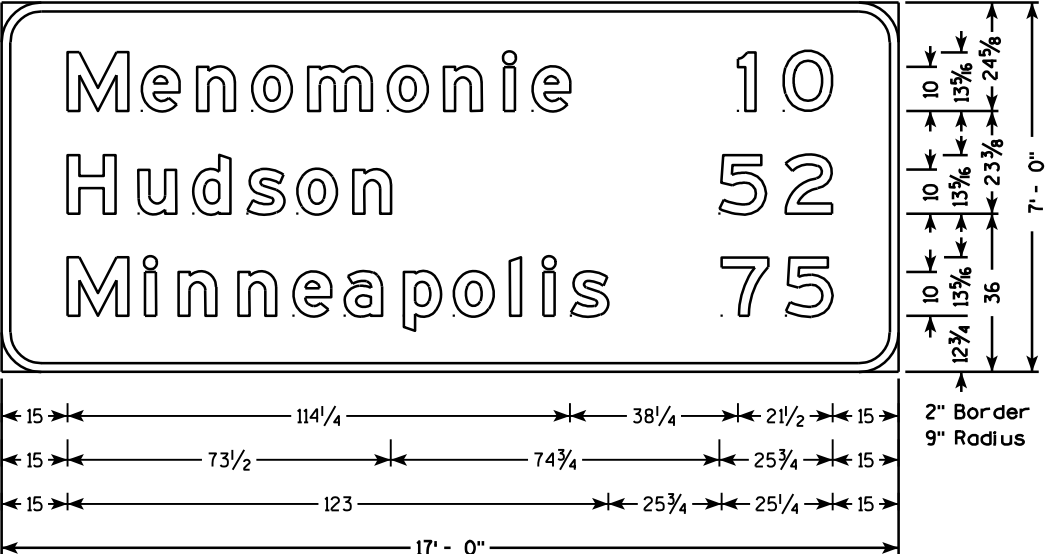


NOTES

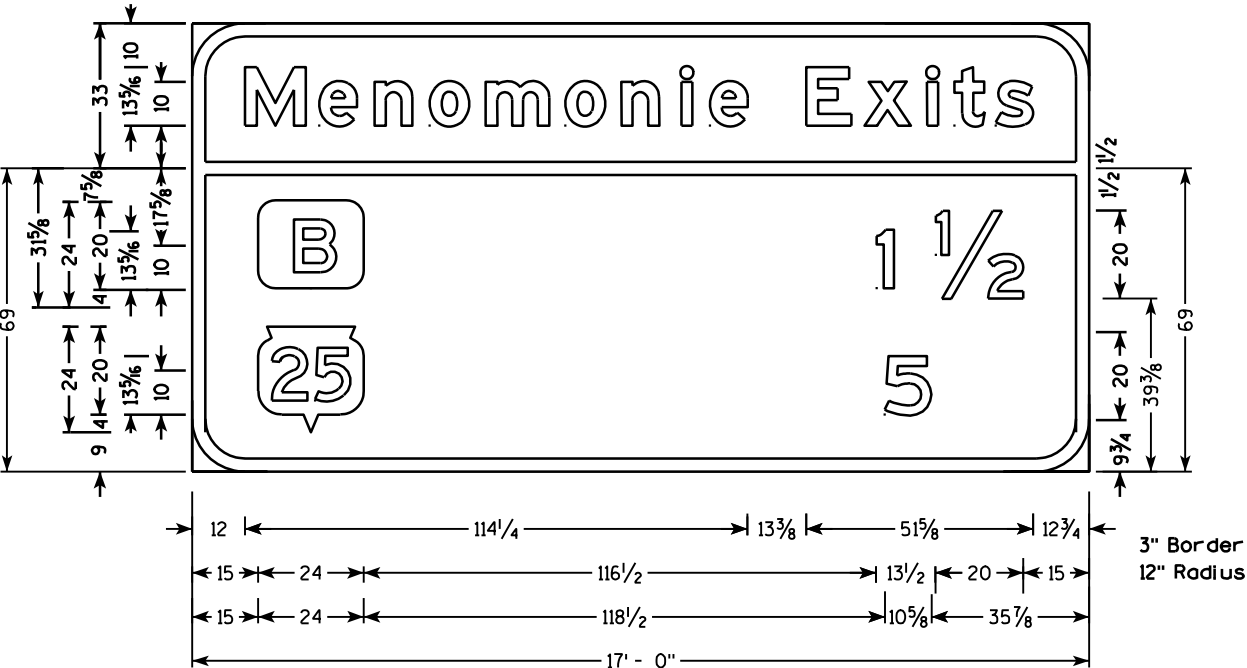
- 1. All Signs are Type I - Type SH Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:
Background - Green
Message - White
- 3. Message Series - E Modified except all cap WORDS are Series E



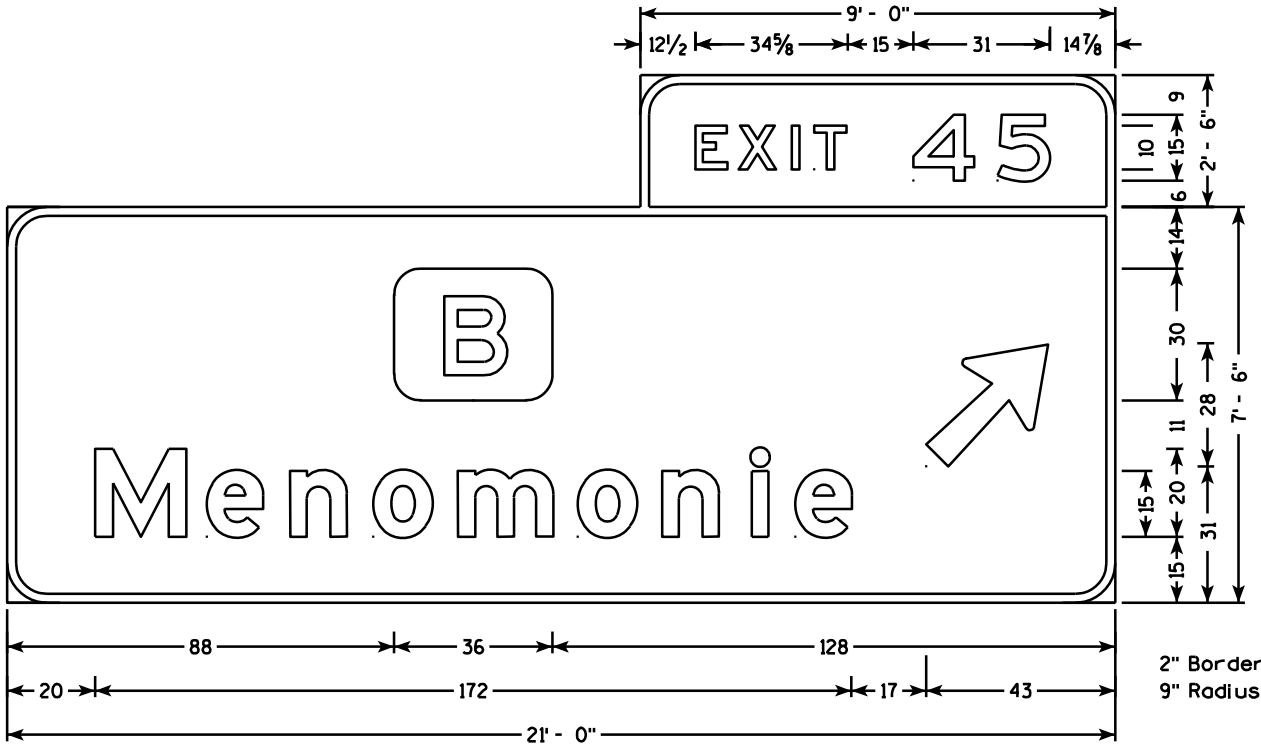
E1-1A



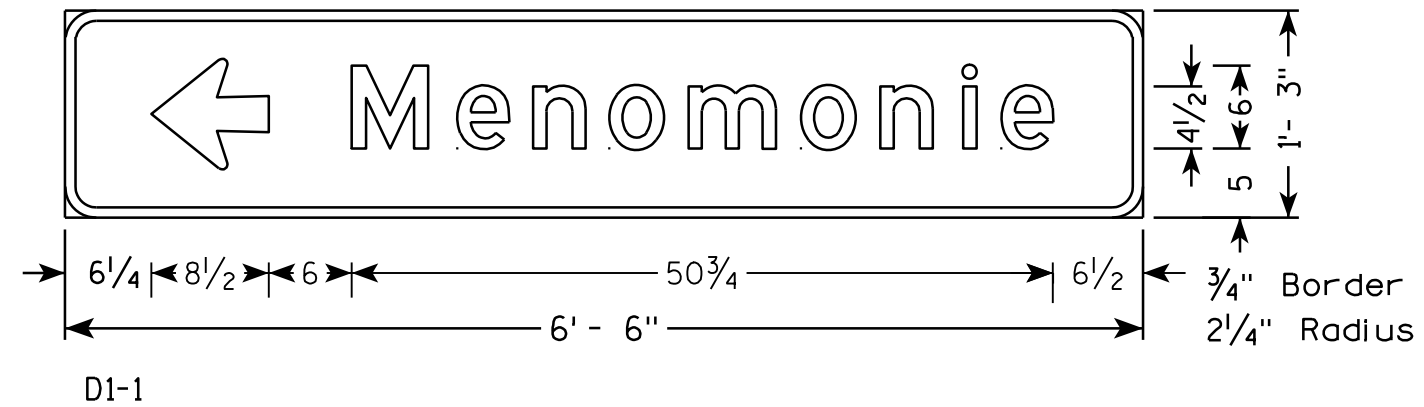
D2-3



E8-1



E4-1A



NOTES

1. All Signs Type II - Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
Background - GREEN
Message - WHITE
3. Message Series - E

