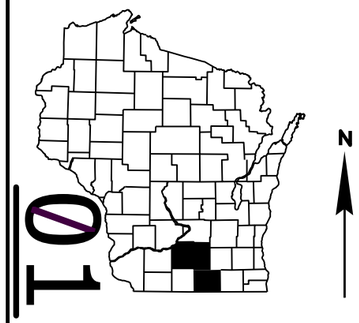
MAD APRIL 2014

PROJECT ID: 1001-01-62
WITH: N/A

COUNTY: ROCK & DANE

ORDER OF SHEETS

TOTAL SHEETS = 226



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

JANESVILLE - MADISON

MILWAUKEE ST - STH 106

IH 39
ROCK AND DANE COUNTIES

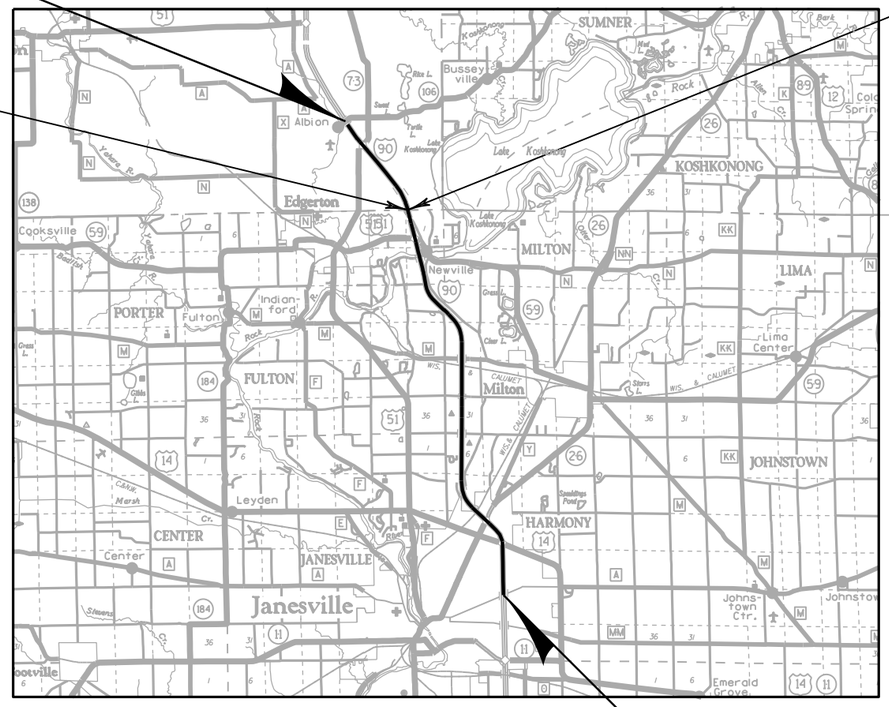
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1001-01-62	———	—

STATE PROJECT NUMBER
1001-01-62

END PROJECT 1001-01-62
STA. 259NBD+55

STATION EQUATION
STA. 1216SBR+88.00 BK. =
STA. 101SBD+40.50 AH.

STATION EQUATION
STA. 1217NBR+76.61 BK. =
STA. 101NBD+40.61 AH.



DANE COUNTY
ROCK COUNTY

BEGIN PROJECT 1001-01-62
STA. 629NBR+80
X = 503759.59
Y = 274288.15

LAYOUT
SCALE 0 2.0 MI.

TOTAL NET LENGTH OF IH 39 CENTERLINE = 14.131 MI.
TOTAL NET LENGTH OF STRUCTURES = 0.460 MI.

STRUCTURES
B-53-73
B-53-75
B-53-77

ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, NAVD 88 (2011).

COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), DANE AND ROCK COUNTY, NAD83 (2011).

DESIGN DESIGNATION IH 39

	CTH O - STH 26	STH 26 - ROCK/DANE CO. LINE	DANE CO.
A.A.D.T. (2010) =	56,055	50,784	44,300
A.A.D.T. (2031) =	61,500	53,860	71,800 (YR 2040)
D.H.V. (2038) =	6,396	5,709	7,539
D.D. =	58/42	58/42	60/40
T. =	37.8%	29.1%	29.1%
DESIGN SPEED =	70 MPH	70 MPH	70 MPH
ESALS =	-----	-----	45,858,600

CONVENTIONAL SYMBOLS

PLAN
- CORPORATE LIMITS
- PROPERTY LINE (PL + 58.1)
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- PROPOSED JOINT 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 (955.36)
- CULVERT (Profile View)

UTILITIES
- COMMUNICATION OVERHEAD (C-OH)
- COMMUNICATION UNDERGROUND (C-UG)
- ELECTRIC OVERHEAD (OH)
- ELECTRIC UNDERGROUND (E)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

ORIGINAL PLANS PREPARED BY

HNTB
10 WEST MIFFLIN ST
MADISON, WI 53703
(608) 259-0045

WISCONSIN
ANNA M. VARNEY
E-29957
DOUSMAN
WI
PROFESSIONAL ENGINEER

11/25/13 (Date)
Anna M Varney (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
- Surveyor
- Designer: HNTB
- Project Manager: JAMES BUSCHKOPF
- Regional Examiner
- Regional Supervisor: JOHN STEINER
- C.O. Examiner

APPROVED FOR THE DEPARTMENT
DATE: 11/25/13 (Signature)

E

UTILITY CONTACTS

ALLIANT ENERGY ELECTRICITY/GAS/PETROLEUM
MR. JASON HOGAN
4902 N. BILTMORE LN.
SUITE 1000
MADISON, WI 53718
(608) 458-4871
JASONHOGAN@ALLIANTENERGY.COM

ANR PIPELINE COMPANY
MR. LAWRENCE HUBER
W3925 PIPELINE LANE
EDEN, WI 53019
(920) 477-2235
LAWRENCE_HUBER@TRANSCANADA.COM

ATC MANAGEMENT, INC.
MR. MIKE OLSEN
801 O'KEEFE RD.
P.O. BOX 6113
DEPERE, WI 54115
(920) 338-6582
MOLSEN@ATCLLC.COM

AT&T WISCONSIN
MS. KARIN EWOLDT
316 W. WASHINGTON AVE
MADISON, WI 53703
(608) 252-5423
KE3543@ATT.COM

CENTURY LINK COMMUNICATIONS
MR. DENNIS HAAG
144 N. PEARL STREET
PO BOX 70
BERLIN, WI 54923
(920) 361-0040
DENNIS.HAAG@CENTURYTEL.COM

CHARTER COMMUNICATIONS
MR. BRANDON STORM
2701 DANIELS ST.
MADISON, WI 53718
(608) 274-3822
BRANDON.STORM@CHARTERCOM.COM

CONSOLIDATED KOSHKONONG SANITARY DISTRICT
MR. DAVID HOUFE
328 E. ELLENDALE ROAD
EDGERTON, WI 56534
(608) 868-7191
DHCKSD@CENTURYTEL.NET

CITY OF EDGERTON WATER AND SEWER
MR. RANDY OREN
12 ALBION STREET
EDGERTON, WI 53534
(608) 884-3341, x209

FRONTIER COMMUNICATIONS
MR. ROB CHURCH
100 COMMUNICATIONS DRIVE
SUN PRAIRE, WI 53590

CITY OF JANESVILLE WATER AND SEWER
MR. DENNIS RYAN
18 N. JACKSON STREET
PO BOX 5005
JANESVILLE, WI 53545
(608) 755-3189

KDL/PAETEC
MR. JIM KOSTUCH
13935 BISHOPS DRIVE
BROOKFIELD, WI 53005
(262) 792-7938
JAMES.KOSTUCH@WINDSTREAM.COM

CITY OF MILTON WASTEWATER
MR. LON LIEFKE
430 E. HIGH STREET #3
MILTON, WI 53563

NORTHERN NATURAL GAS COMPANY
MR. JIM CARLSON
8101 BIRCHWOOD COURT, SUITE F
JOHNSTON, IA 50131
(515) 226-2016
JIM.CARLSON@NNGCO.COM

ROCK COUNTY ELECTRIC COOPERATIVE
MR. LYNN MAIER
2815 KENNEDY ROAD
JANESVILLE, WI 53545
(608) 752-6620
LYNNM@ROCK.COOP

TDS TELECOM COMMUNICATIONS
MR JERRY MYERS
121 DEPOT STREET
PO BOX 280
JOHNSON CREEK, WI 53038

WE ENERGIES - ELECTRICITY/GAS/PETROLEUM
MR LATROY BRUMFIELD
333 W. EVERETT STREET
MILWAUKEE, WI 53203
(414) 221-5617
LATROY.BRUMFIELD@WE-ENERGIES.COM

WISCONSIN DEPT. OF TRANSPORTATION-COMMUNICATION LINE
MR. KURT WILM
433 W. ST. PAUL AVE.
SUITE 300
MILWAUKEE, WI 53203
(414) 227-2151
KURT.WILM@DOT.WI.GOV

WISDOT RWIS PROGRAM COMMUNICATION TOWER
MR. MIKE ADAMS
P.O. BOX 7986 ROOM 501
MADISON, WI 53707
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MICHAEL.ADAMS@DOT.WI.GOV

WISCONSIN AND SOUTHERN RAILROAD COMPANY
MR BEN MEIGHAN
1890 E. JOHNSON STREET
MADISON, WI 53704
(414) 438-8820 ext. 4021
BMEIGHAN@WATCOCOMPANIES.COM

DNR AREA LIAISON (Dane County)

ERIC HEGGLAND
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
(608) 275-3301
ERIC.HEGGLAND@WISCONSIN.GOV

DNR AREA LIAISON (Rock County)

AMANDA CUSHMAN
3911 FISH HATCHERY ROAD
FITCHBURG, WI 53711
(608) 275-3485
AMANDA.CUSHMAN@WISCONSIN.GOV

REGION CONTACT

JAMES BUSCHKOPF
2101 WRIGHT STREET
MADISON, WI 53704
(608) 246-3851
JAMES.BUSCHKOPF@DOT.WI.GOV

DESIGN CONTACT

TJ DOUGHERTY
10 W. MIFFLIN ST, SUITE 300
MADISON, WI 53703
(608) 294-5017
TJDOUGHERTY@HNTB.COM

ORDER OF SECTION 2 DETAIL SHEETS

2

GENERAL NOTES

THE CONTRACTOR SHALL CONTACT THE UTILITIES AND DIGGERS HOTLINE TO LOCATE AND FIELD VERIFY UTILITIES PRIOR TO THE START OF WORK. THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. ANY LOCAL, MUNICIPAL OR OTHER UTILITY THAT IS NOT A MEMBER OF DIGGERS HOTLINE SHALL BE CONTACTED SEPARATELY.

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

PLACE INLET PROTECTION AS NOTED IN THE QUANTITIES AT STRUCTURES B-53-60, B-53-73, B-53-77, B-53-80, AND B-53-85 . REMOVAL OF INLET PROTECTION IS INCIDENTAL TO THE COST OF THE BID ITEM. INLET PROTECTION TO BE PLACED IN OTHER LOCATIONS AS DIRECTED BY THE ENGINEER. INLET PROTECTION SHALL BE PLACED IN SEQUENCE WITH CONSTRUCTION OPERATIONS OR AS DETERMINED BY THE ENGINEER.

ANY AREAS WHICH ARE DISTURBED BY ANY OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS WILL BE RESTORED AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

TEMPORARY STORAGE OF ANY EXCAVATED MATERIAL WILL NOT BE PERMITTED IN WETLANDS, FLOODWAY OR FLOODPLAIN OF ANY WATERWAY.

ALL CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS SHOWN IN THE PLAN DETAILS ARE APPROXIMATE AND WILL BE VERIFIED AND LOCATED BY FIELD ENGINEER PRIOR TO REPAIRS BEING MADE.

REMOVING CONCRETE INCLUDES ANY MESH OR REINFORCEMENT THAT MAY BE PART OF THE PAVEMENT STRUCTURE.

EXISTING PAVEMENT DEPTHS AND LANE WIDTHS ARE BASED ON AS-BUILT DATA AND MAY VARY IN THE FIELD. VERIFY WIDTHS PRIOR TO SETTING TRAFFIC CONTROL TO ENSURE PROPER LANE WIDTHS ARE ACHIEVED.

NUMBER, LOCATION, AND SPACING OF TRAFFIC CONTROL DEVICES AND SIGNS SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

SIGNS IN CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE COVERED AS DIRECTED BY THE ENGINEER AND PAID FOR UNDER THE ITEM "TRAFFIC CONTROL COVERING SIGNS TYPE 1 OR TYPE 2."

LOCATIONS FOR REPLACING GUARDRAIL POSTS AND BLOCKS AND REPLACING GUARDRAIL RAIL AND HARDWARE WILL BE DETERMINED BY THE FIELD ENGINEER, IF NECESSARY. WORK WILL BE LIMITED TO ADJUSTING GUARDRAIL LOCATIONS AS NOTED IN THE PLANS.

HMA PAVEMENT QUANTITY CALCULATIONS ARE BASED ON 112 LB/SY/IN.

THE CONTRACTOR'S PAVING OPERATIONS SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, AUXILIARY OR RAMP LANE.

AT THE CONCLUSION OF EACH NIGHT'S WORK, RESTORE ALL PAVEMENT MARKINGS TO EXISTING CONDITION PRIOR TO OPENING ROADWAY TO TRAFFIC.

SHOULDERS MAY BE CLOSED IF REQUIRED BY WORK OPERATIONS, BUT THE RIGHT AND LEFT SHOULDER MAY NOT BE CLOSED IN THE SAME AREA AT THE SAME TIME. ALL SHOULDERS CLOSURES MUST PROVIDE TRAFFIC CONTROL DEVICES PER THE "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 M.P.H." SDD.

ALIGNMENT IDENTIFIERS	
NBR	NB INTERSTATE HIGHWAY 39-90 (ROCK COUNTY)
SBR	SB INTERSTATE HIGHWAY 39-90 (ROCK COUNTY)
NBD	NB INTERSTATE HIGHWAY 39-90 (DANE COUNTY)
SBD	SB INTERSTATE HIGHWAY 39-90 (DANE COUNTY)

PAVEMENT TYPE	TOTAL LAYER PAVEMENT THICKNESS	LAYERS	ASPHALITIC MATERIAL
E-10	3.5"	1 3/4" UPPER LAYER 1 3/4" LOWER LAYER	PG-58-28
E-10	4"	2" UPPER LAYER 2" LOWER LAYER	PG-58-28
E-10	2"	2" UPPER LAYER	PG-58-28
E-10 (CENTERLINE 3' WIDE MILL & FILL) (SHOULDER 6' WIDE MILL & FILL)	3.5"	3.5" UPPER LAYER	PG-58-28

ABBREVIATIONS

AGG	AGGREGATE
BAD	BASE AGGREGATE DENSE
BM	BENCH MARK
C/L	CENTER OR CONSTRUCTION LINE
CONC	CONCRETE
CY	CUBIC-YARD
D	DEGREE OF CURVE
Δ	DELTA
EAT	ENERGY ABSORBING TERMINAL
HMA	HOT MIX ASPHALT
L	LENGTH OF CURVE
LT	LEFT
MIN	MINIMUM
M/L	MATCHLINE
NB	NORTHBOUND
NC	NORMAL CROWN
PAVT	PAVEMENT
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PI	POINT OF INTERSECTION
PT	POINT OF TANGENT
R	RADIUS OF CURVE
R/L	REFERENCE LINE
R/W	RIGHT OF WAY
RC	REVERSE CROWN
REQD	REQUIRED
RO	RUN OFF LENGTH
RT	RIGHT
SB	SOUTHBOUND
SDD	STANDARD DETAIL DRAWINGS
SE	SUPER ELEVATION
SF	SQUARE FOOT
STA	STATION
SY	SQUARE YARD
T	TANGENT LENGTH

2

N

BEGIN CONSTRUCTION
STA. 628SBR+60

STATION EQUATION
STA. 1216SBR+88.00 BK. =
STA. 101SBD+40.50 AH.

RUGER AVE. (CTH MM)

MT. ZION AVE.

HUMES RD. (USH 14)

KENNEDY RD.

WISCONSIN & SOUTHERN RAILROAD

MILTON AVE. (STH 26)

E. MILWAUKEE ST. (CTH A)

TOWNLINE RD.

MANOGUE RD.

IH 39

NEWVILLE RD.

CTH M

ROCK RIVER

STH 59

GOEDE RD.

MATCHLINE 1217NBR+76.61

ROCK COUNTY

DANE COUNTY

SHEET 1

SHEET 2

SHEET 3

SHEET 4

SHEET 5

SHEET 6

SHEET 7

SHEET 8

SHEET 9

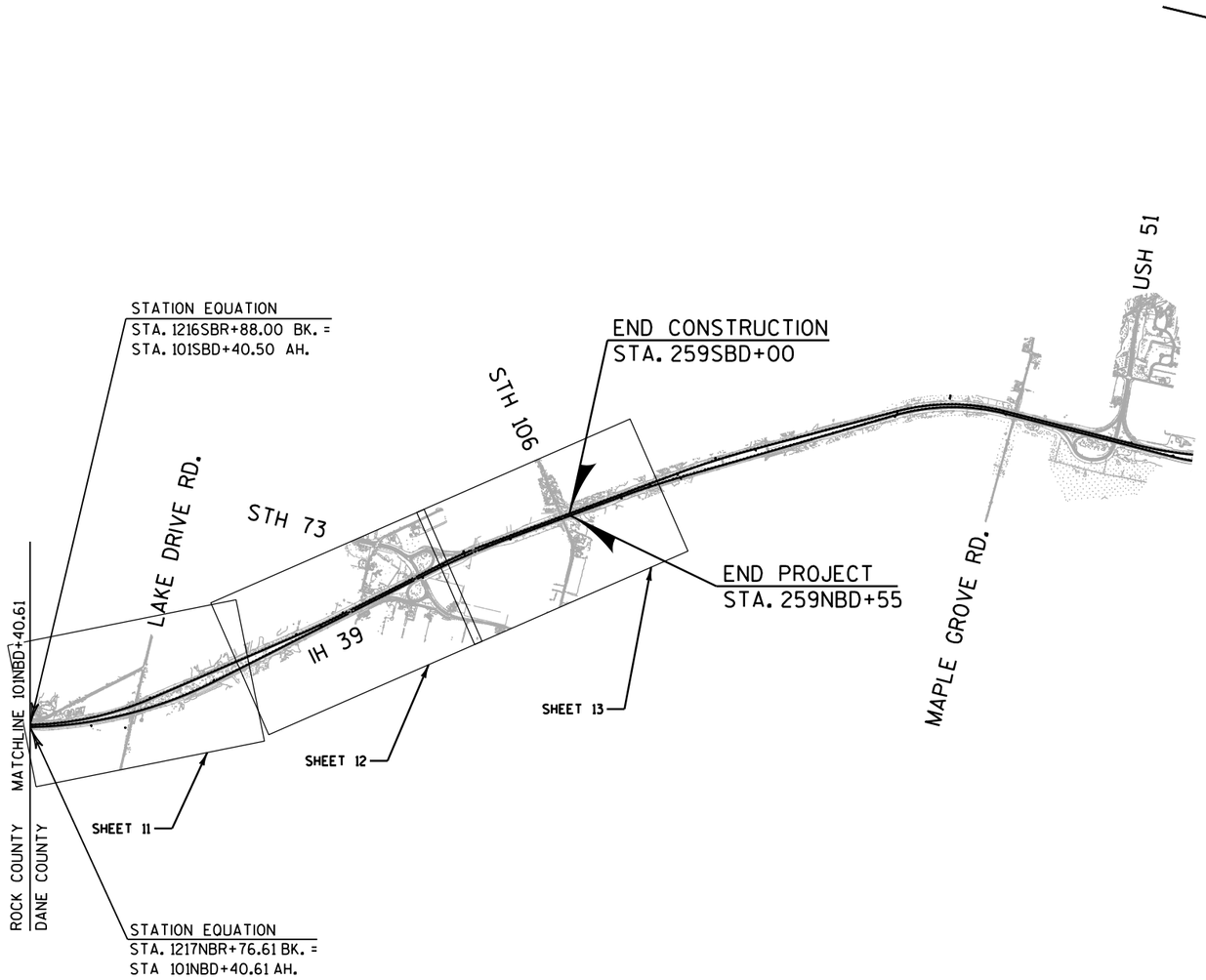
SHEET 10

BEGIN PROJECT
STA. 629NBR+80

STATION EQUATION
STA. 1217NBR+76.61 BK. =
STA 101NBD+40.61 AH.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW - INDEX	SHEET 4	E

2



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW - INDEX	SHEET 5	E

2

N

BEGIN CONSTRUCTION
STA. 628SBR+60

E. MILWAUKEE ST.

MT. ZION AVE.

SEGMENT 1 (SB)
E. MILWAUKEE STREET TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 628SBR+60 TO 813SBR+00

ONTARIO DR.

LILAC LANE

STRUCTURE B-53-214

STRUCTURE B-53-59

610SBR 615SBR IH 39 SB 620SBR 625SBR 630SBR 635SBR 640SBR 645SBR 650SBR 655SBR 660SBR 665SBR

610NBR 615NBR IH 39 NB 620NBR 625NBR 630NBR 635NBR 640NBR 645NBR 650NBR 655NBR 660NBR 665NBR

MATCHLINE 669NBR+00

STRUCTURE B-53-215

STRUCTURE B-53-60

GREEN VALLEY DR.

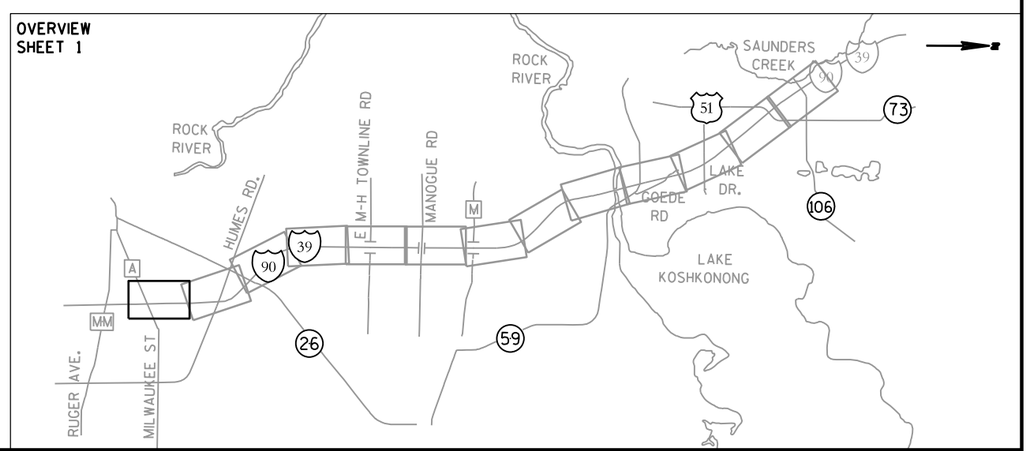
SOMERSET DR.

SEGMENT 1 (NB)
E. MILWAUKEE STREET TO 4000 FEET SOUTH OF USH 14
STA. 628NBR+80 TO 661NBR+00

SEGMENT 2 (NB)
4000 FEET SOUTH OF USH 14 TO
1350 FEET NORTH OF KENNEDY ROAD
STA. 661NBR+00 TO 808NBR+00
(NO WORK)

BEGIN PROJECT
STA. 629NBR+80

OVERVIEW
SHEET 1



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET	E

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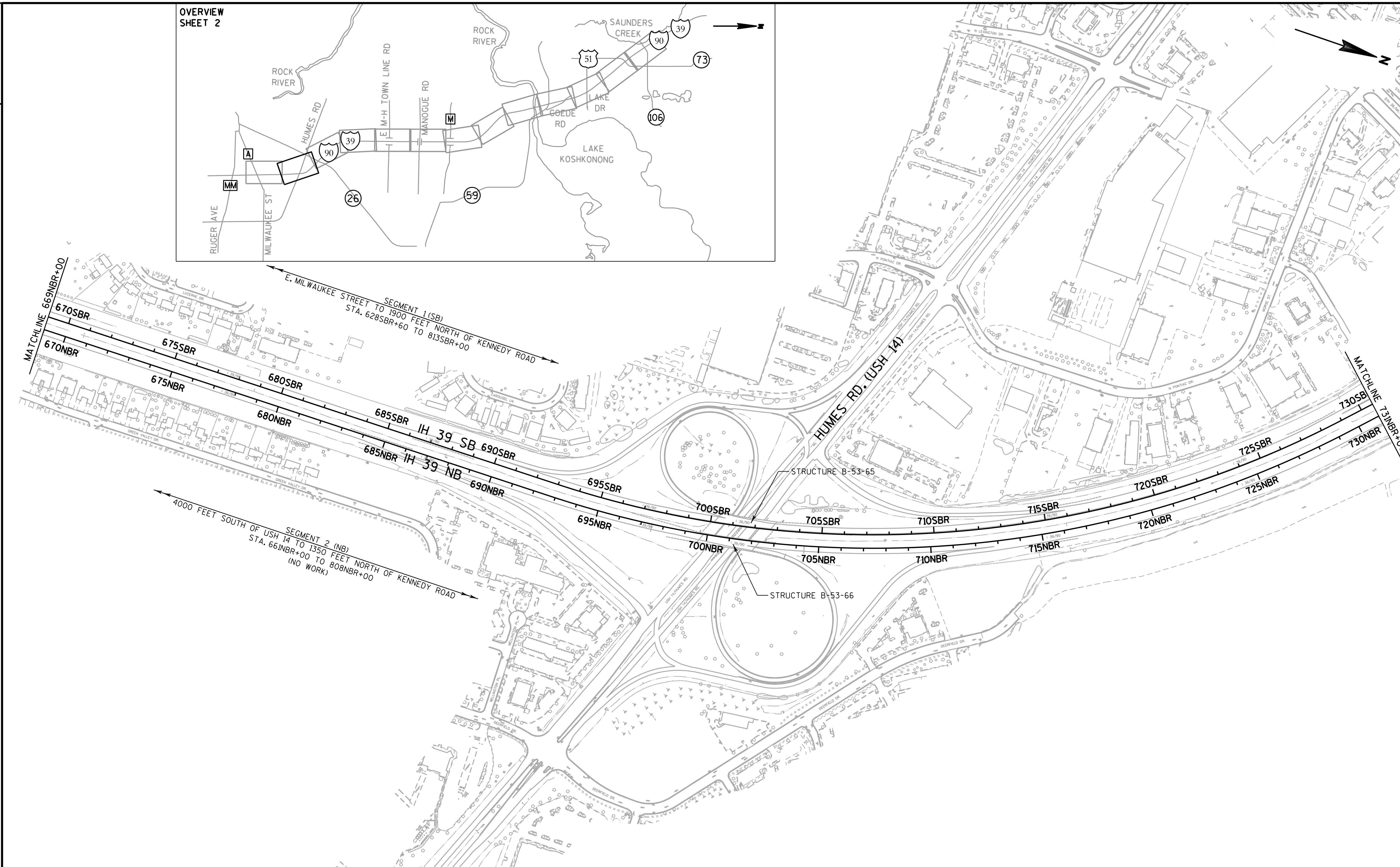

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PROJECT NO:1001-01-62	HWY:IH 39	COUNTY:ROCK/DANE	PROJECT OVERVIEW	SHEET 7	E

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2

2

N

WISCONSIN & SOUTHERN RAILROAD

KENNEDY RD.

MILTON AVE. (STH 26)

E. MILWAUKEE STREET TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 628SBR+60 TO 813SBR+00

SEGMENT 1 (SB)

STRUCTURE B-53-83

STRUCTURE B-53-84

STRUCTURE B-53-85

STRUCTURE B-53-86

760SBR
755SBR
750SBR
745SBR
740SBR
735SBR
775SBR
780SBR
785SBR
790SBR
765SBR IH 39 SB 770SBR

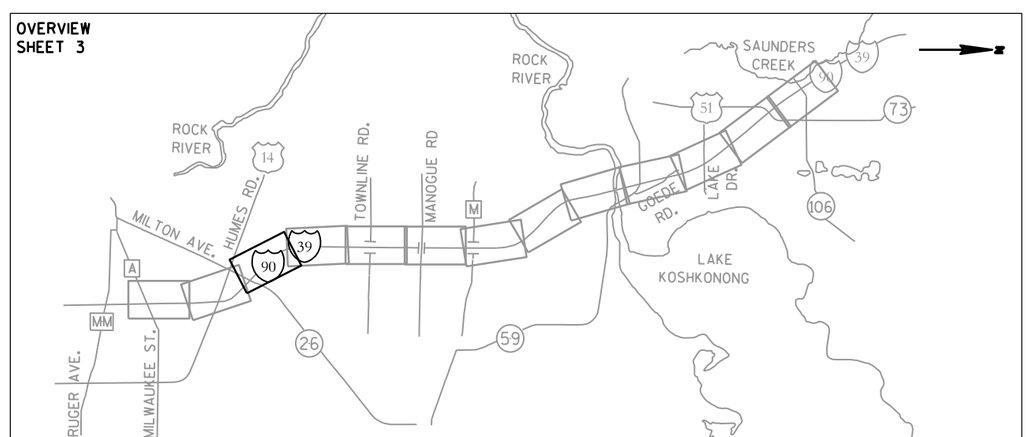
760NBR
755NBR
750NBR
745NBR
740NBR
735NBR
775NBR
780NBR
785NBR
790NBR
765NBR IH 39 NB 770NBR

MATCHLINE 793NBR+00

MATCHLINE 731NBR+00

4000 FEET SOUTH OF USH 14 TO 1350 FEET NORTH OF KENNEDY ROAD
STA. 661NBR+00 TO 808NBR+00
(NO WORK)
SEGMENT 2 (NB)

OVERVIEW
SHEET 3



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 8	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\020203_po.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 400:1

WISDOT/CADDS SHEET 42

2

N

SEGMENT 1 (SB)
E. MILWAUKEE STREET TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 628SBR+60 TO 813SBR+00

SEGMENT 2 (SB)
1900 FEET NORTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
STA. 813SBR+00 TO 1092SBR+00

OLD KENNEDY RD.

STRUCTURE B-53-81

795SBR 800SBR 805SBR 810SBR 815SBR 820SBR 825SBR 830SBR 835SBR IH 39 SB 840SBR 845SBR 850SBR

MATCHLINE 793NBR+00

795NBR 800NBR 805NBR 810NBR 815NBR 820NBR 825NBR 830NBR 835NBR IH 39 NB 840NBR 845NBR 850NBR

MATCHLINE 853NBR+00

KENNEDY RD.

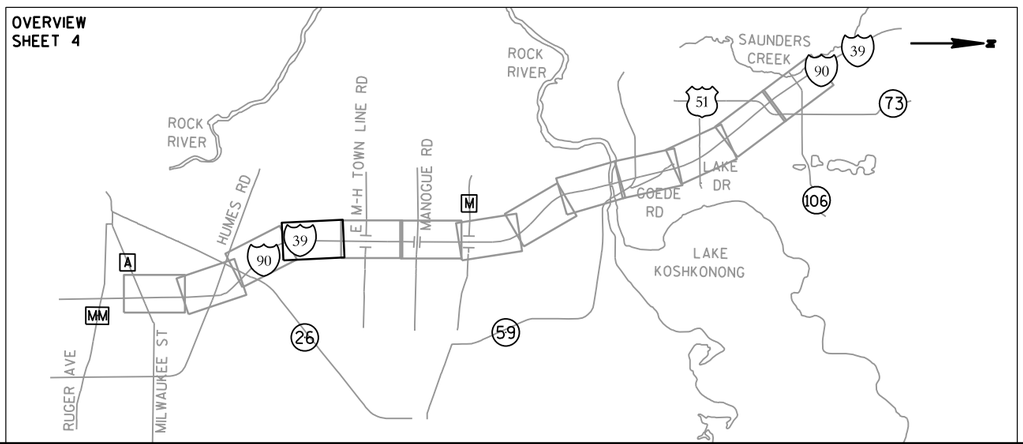
STRUCTURE B-53-82

BRENTWOOD DR.

SEGMENT 2 (NB)
4000 FEET SOUTH OF USH 14 TO 1350 FEET NORTH OF KENNEDY ROAD
STA. 661NBR+00 TO 808NBR+00
(NO WORK)

SEGMENT 3 (NB)
1350 FEET NORTH OF KENNEDY ROAD TO 750 FEET NORTH OF MANOGUE ROAD
STA. 808NBR+00 TO 938NBR+50

OVERVIEW
SHEET 4



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 9	E

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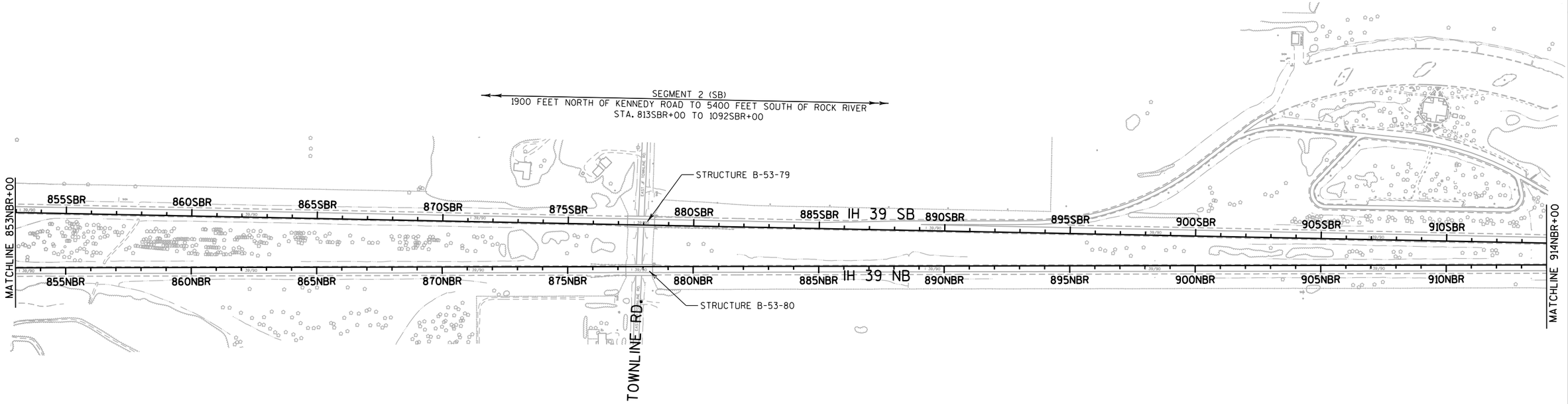
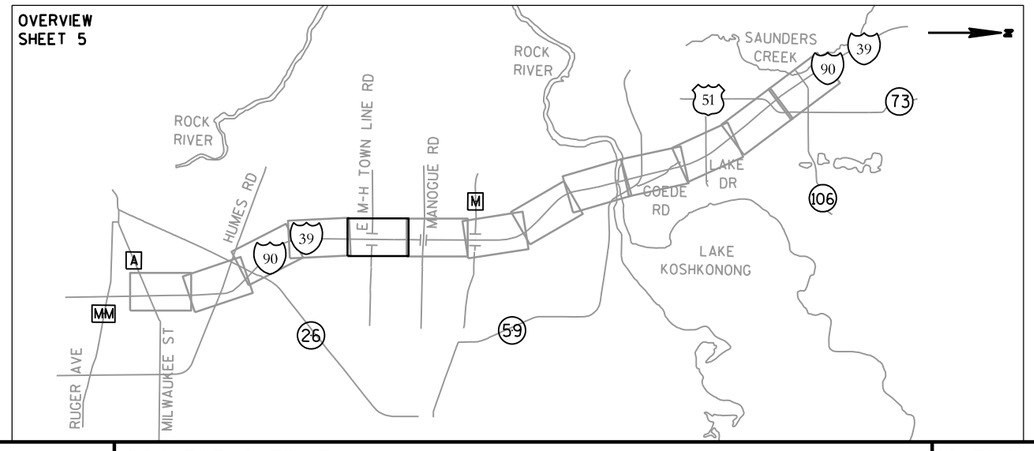
N

SEGMENT 2 (SB)
1900 FEET NORTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
STA. 813SBR+00 TO 1092SBR+00



SEGMENT 3 (NB)
1350 FEET NORTH OF KENNEDY ROAD TO 750 FEET NORTH OF MANOGUE ROAD
STA. 808NBR+00 TO 938NBR+50



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\020205_po.dgn | PLOT DATE : 11/27/2013 | PLOT BY : sbremer | PLOT NAME : | PLOT SCALE : 400:1

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N

SEGMENT 2 (SB)
1900 FEET NORTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
STA. 813SBR+00 TO 1092SBR+00

MANOGUE RD.

STRUCTURE B-53-78

MATCHLINE 914NBR+00

915SBR 920SBR 925SBR 930SBR 935SBR 940SBR IH 39 SB 945SBR 950SBR 955SBR 960SBR 965SBR 970SBR

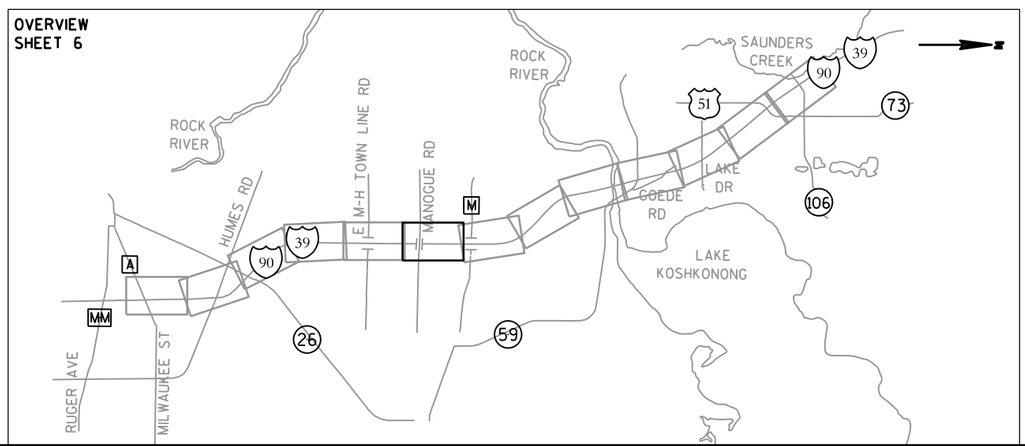
915NBR 920NBR 925NBR 930NBR 935NBR 940NBR IH 39 NB 945NBR 950NBR 955NBR 960NBR 965NBR 970NBR

MATCHLINE 974NBR+00

SEGMENT 3 (NB)
1350 FEET NORTH OF KENNEDY ROAD TO 750 FEET NORTH OF MANOGUE ROAD
STA. 808NBR+00 TO 938NBR+50

SEGMENT 4 (NB)
750 FEET NORTH OF MANOGUE ROAD TO 2300 FEET SOUTH OF ROCK RIVER
STA. TO 938NBR+50 TO 1123NBR+00

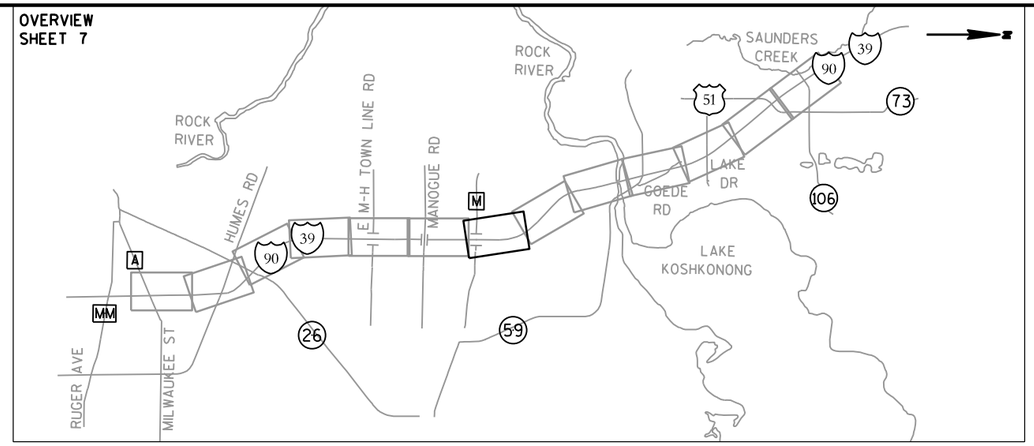
OVERVIEW
SHEET 6



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 11	E

2

OVERVIEW
SHEET 7



WISCONSIN & SOUTHERN RAILROAD

47R0189/BRO-0097 (WHITFORD MAP MOUND)
UNCATALOGUED ARCHAEOLOGICAL SITE

1900 FEET NORTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
SEGMENT 2 (SB)
STA. 813SBR+00 TO 1092SBR+00

STRUCTURE B-53-76
STRUCTURE B-53-74
STRUCTURE B-53-77
STRUCTURE B-53-75

MATCHLINE 974NBR+00

975SBR
980SBR
985SBR
990SBR
995SBR
1000SBR
1005SBR
1010SBR
1015SBR
1020SBR
1025SBR
1030SBR
1035SBR

975NBR
980NBR
985NBR
990NBR
995NBR
1000NBR
1005NBR
1010NBR
1015NBR
1020NBR
1025NBR
1030NBR
1035NBR

IH 39 SB
IH 39 NB

CTH M

MATCHLINE 1036NBR+00

SEGMENT 4 (NB)
750 FEET NORTH OF MANOGUE ROAD TO
2300 FEET SOUTH OF ROCK RIVER
STA. TO 938NBR+50 TO 1123NBR+00

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 12	E

2

N

47R0189/BRO-0097 (WHITFORD MAP MOUND)
UNCATALOGUED ARCHAEOLOGICAL SITE

SEGMENT 3 (SB)
5400 FEET SOUTH OF ROCK RIVER TO 2300 FEET SOUTH OF ROCK RIVER
STA. 1092SBR+00 TO 1123SBR+00

SEGMENT 2 (SB)
1900 FEET NORTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
STA. 813SBR+00 TO 1092SBR+00

MERRIFIELD RD.

STRUCTURE B-53-72

NEWVILLE RD.

STRUCTURE B-53-73

SEGMENT 4 (NB)
750 FEET NORTH OF MANOGUE ROAD TO
2300 FEET SOUTH OF ROCK RIVER
STA. TO 938NBR+50 TO 1123NBR+00

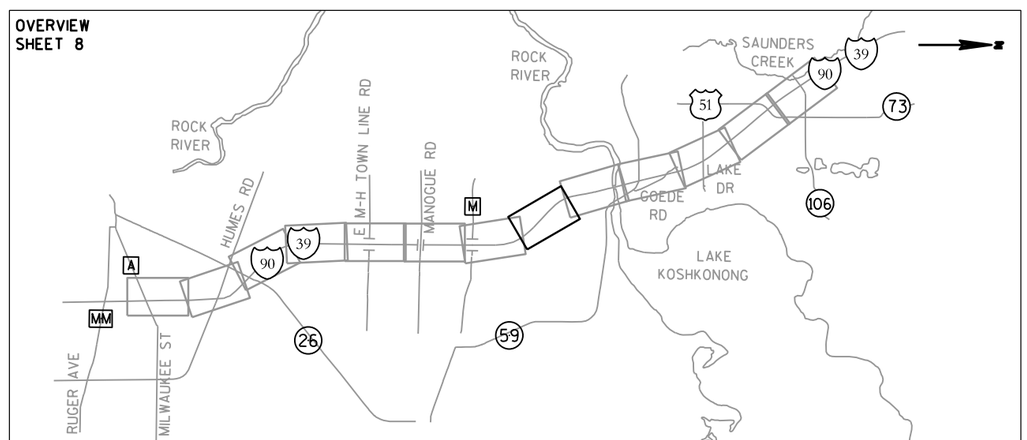
MATCHLINE 1036NBR+00

MATCHLINE 1097NBR+00

1095SBR
1090SBR
1085SBR
1080SBR
1075SBR IH 39 SB
1070SBR
1065SBR
1060SBR
1055SBR
1050SBR
1045SBR
1040SBR
5SBR

1095NBR
1090NBR
1085NBR
1080NBR
1075NBR IH 39 NB
1070NBR
1065NBR
1060NBR
1055NBR
1050NBR
1045NBR
1040NBR

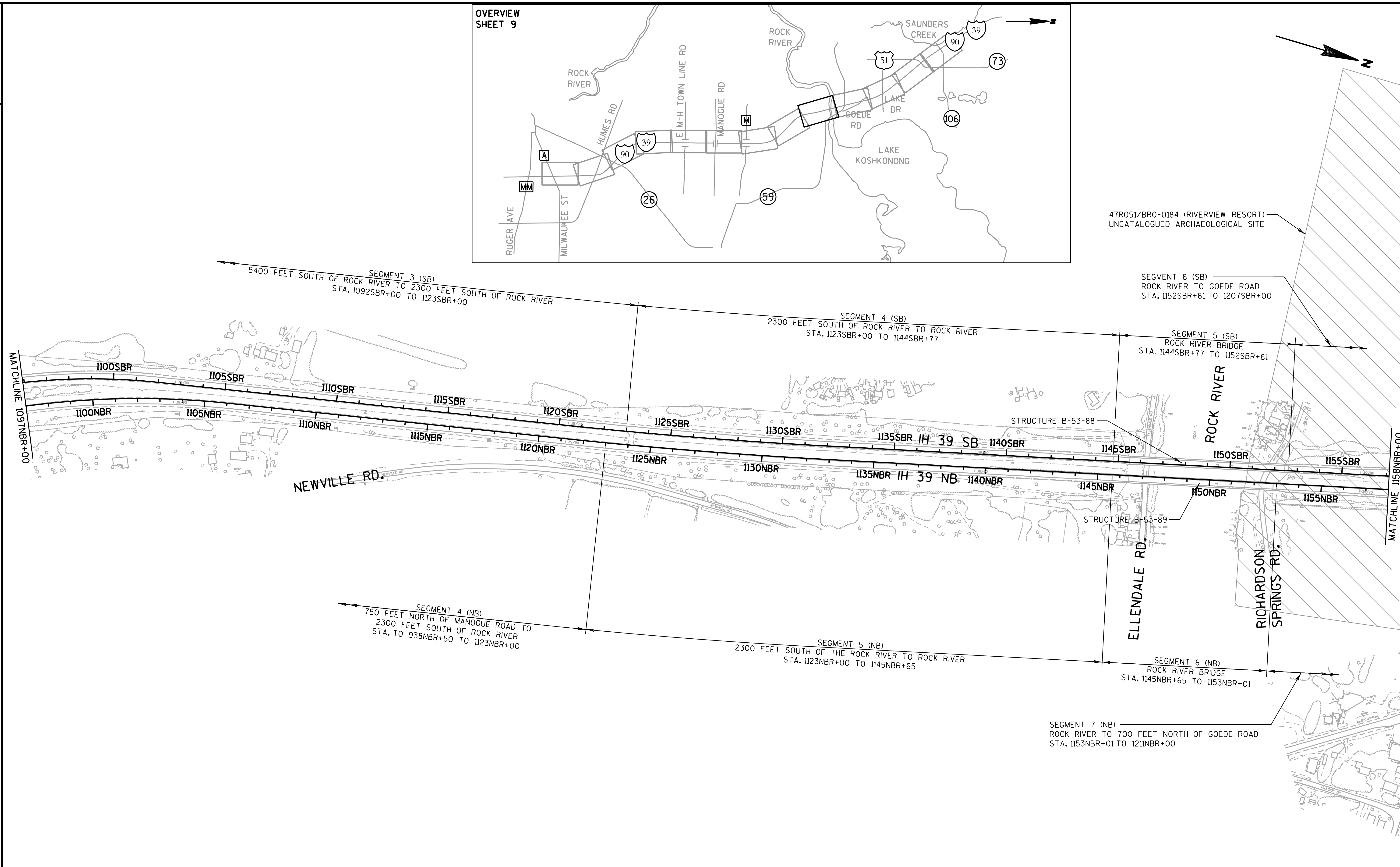
OVERVIEW
SHEET 8



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 13	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\020208_po.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 400:1

2



2

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 14	E

FILE NAME : \\modw00\ingrproj\56199\t1\cds\020209_po.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 400:1

2

N

47R051/BRO-0184 (RIVERVIEW RESORT)
UN-CATALOGED ARCHEOLOGICAL SITE

STRUCTURE B-53-71

STRUCTURE B-53-69

MATCHLINE 1158NBR+00

1160SBR 1165SBR 1170SBR 1175SBR 1180SBR 1185SBR IH 39 SB 1190SBR 1195SBR 1200SBR 1205SBR 1210SBR 1215SBR

1160NBR 1165NBR 1170NBR 1175NBR 1180NBR 1185NBR IH 39 NB 1190NBR 1195NBR 1200NBR 1205NBR 1210NBR 1215NBR

MATCHLINE 1217NBR+76.61

ROCK COUNTY
DANE COUNTY

STH 59

GOEDE RD.

MALLWOOD DR.

SEGMENT 6 (SB)
ROCK RIVER TO GOEDE ROAD
STA. 1152SBR+61 TO 1207SBR+00

SEGMENT 7 (SB)
GOEDE ROAD TO STH 106
STA. 1207SBR+00 TO 259SBD+00

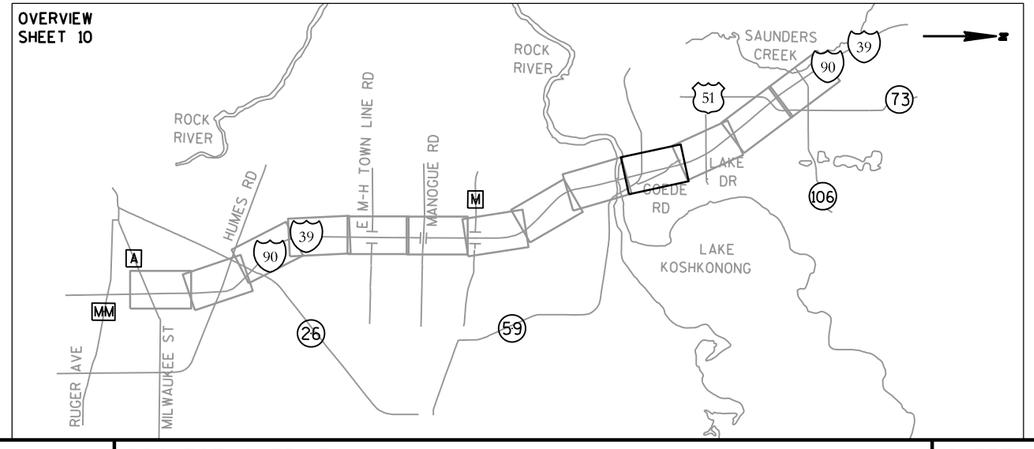
STATION EQUATION
STA. 1216SBR+88.00 BK. =
STA. 101SBD+40.50 AH.

STATION EQUATION
STA. 1217NBR+76.61 BK. =
STA 101NBD+40.61 AH.

SEGMENT 7 (NB)
ROCK RIVER TO 700 FEET NORTH OF GOEDE ROAD
STA. 1153NBR+01 TO 1211NBR+00

SEGMENT 8 (NB)
700 FEET NORTH OF GOEDE ROAD
TO STH 106
STA. 1211NBR+00 TO 259NBD+55
(NO WORK)

OVERVIEW
SHEET 10



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 15	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\020210_po.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 400:1

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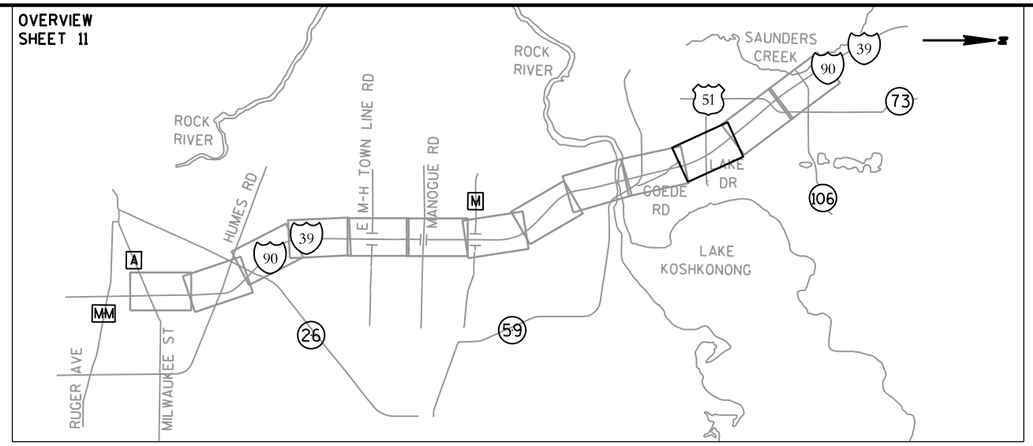
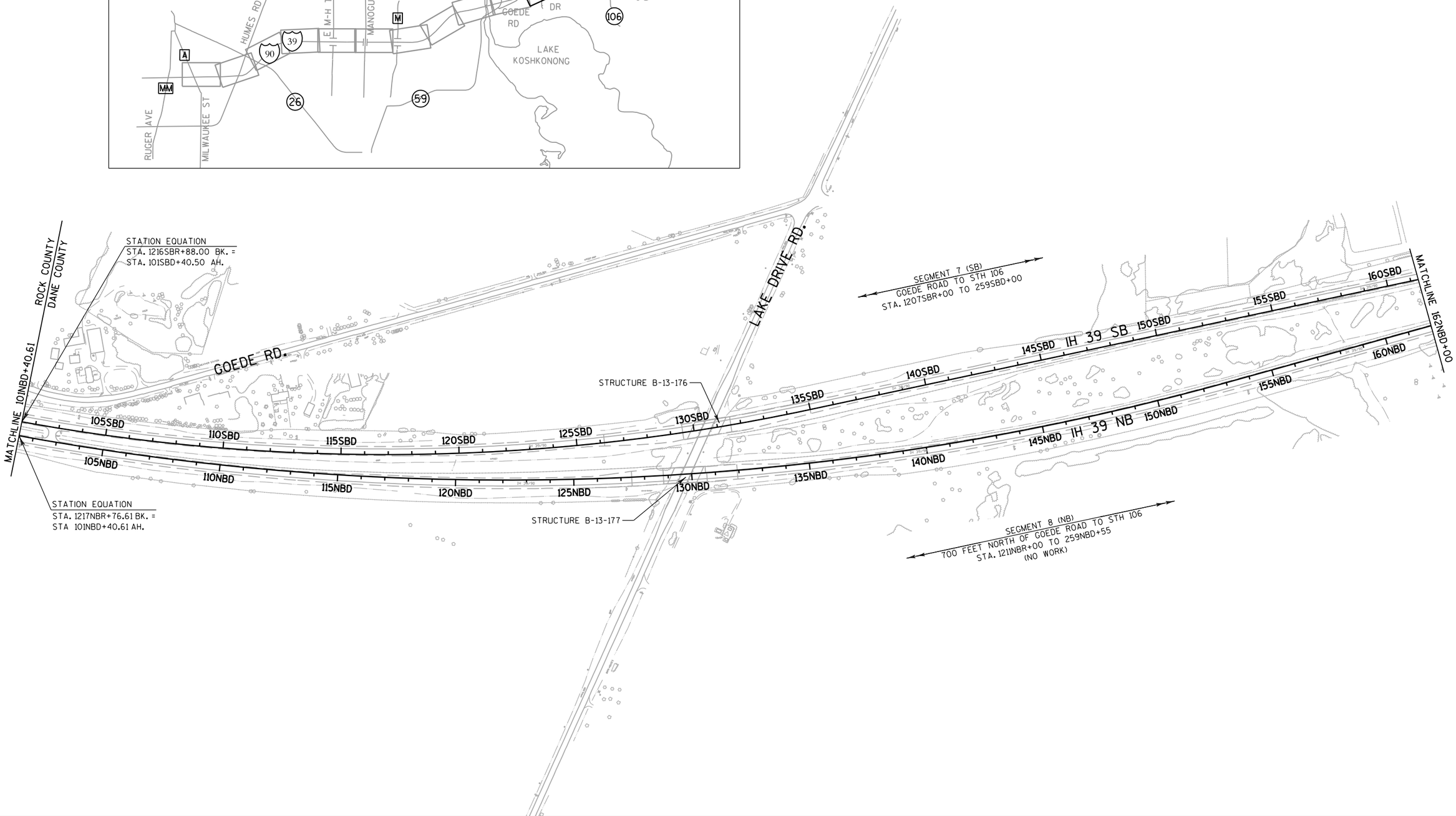




PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 16	E

2

SEGMENT 7 (SB)
GOEDE ROAD TO STH 106
STA. 1207SBR+00 TO 259SBD+00

SEGMENT 8 (NB)
700 FEET NORTH OF GOEDE ROAD TO STH 106
STA. 1211NBR+00 TO 259NBD+55
(NO WORK)

MATCHLINE 162NBD+00

165SBD 170SBD 175SBD 180SBD IH 39 SB 185SBD 190SBD 195SBD 200SBD 205SBD 210SBD 215SBD 220SBD

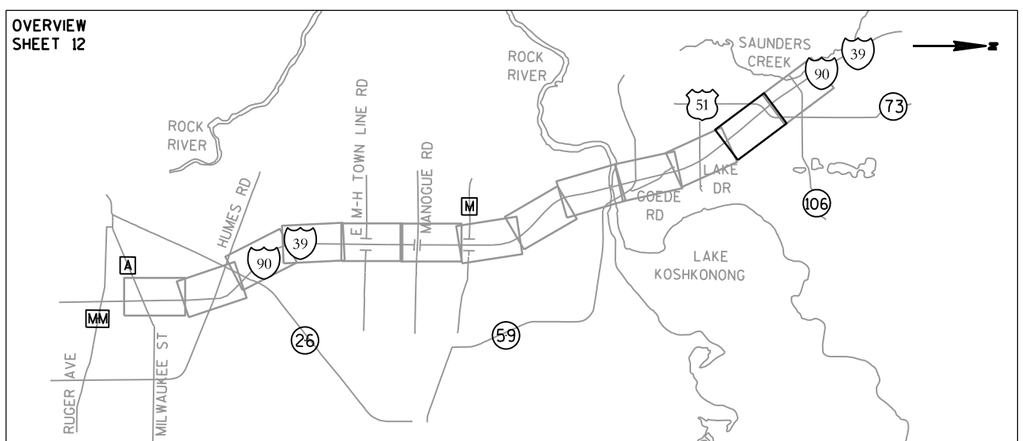
165NBD 170NBD 175NBD 180NBD IH 39 NB 185NBD 190NBD 195NBD 200NBD 205NBD 210NBD 215NBD 220NBD

STRUCTURE B-13-175

STH 73

MATCHLINE 223NBD+00

OVERVIEW
SHEET 12



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 17	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\020212_po.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 400:1

WISDOT/CADDS SHEET 42

2

2

N

SEGMENT 7 (SB)
GOEDE ROAD TO STH 106
STA. 1207SBR+00 TO 259SBD+00

END CONSTRUCTION
STA. 259SBD+00

MATCHLINE 223NBD+00

225SBD 230SBD 235SBD 240SBD 245SBD IH 39 SB 250SBD 255SBD 260SBD 265SBD 270SBD 275SBD 280SBD

225NBD 230NBD 235NBD 240NBD 245NBD IH 39 NB 250NBD 255NBD 260NBD 265NBD 270NBD 275NBD 280NBD 285

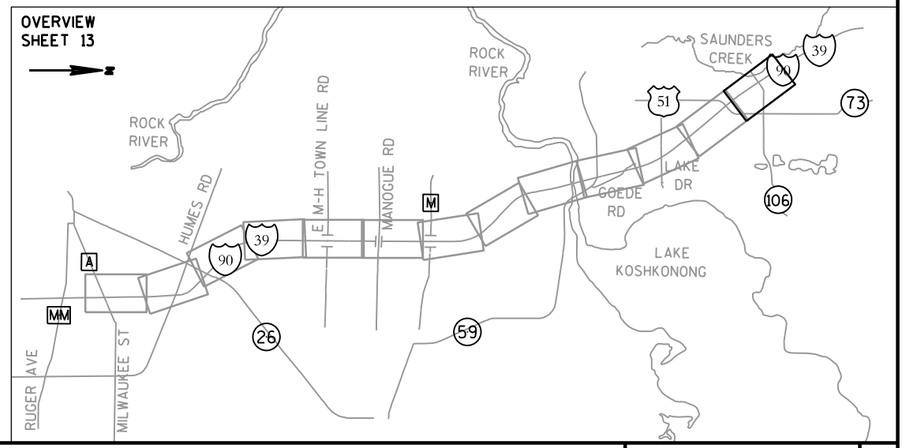
STH 106

STRUCTURE B-13-174

SEGMENT 8 (NB)
700 FEET NORTH OF GOEDE ROAD TO STH 106
STA. 1211NBR+00 TO 259NBD+55
(NO WORK)

END PROJECT
STA. 259NBD+55

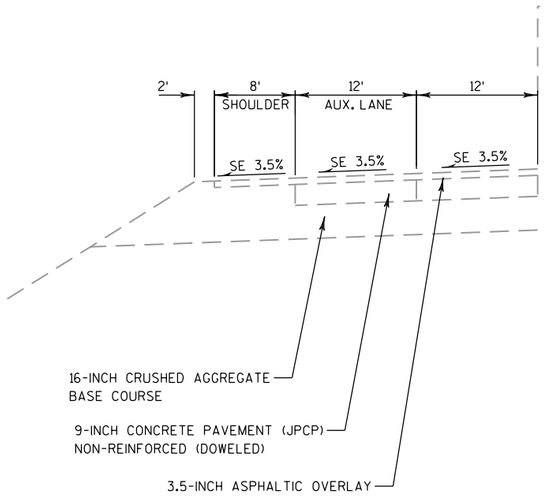
OVERVIEW
SHEET 13



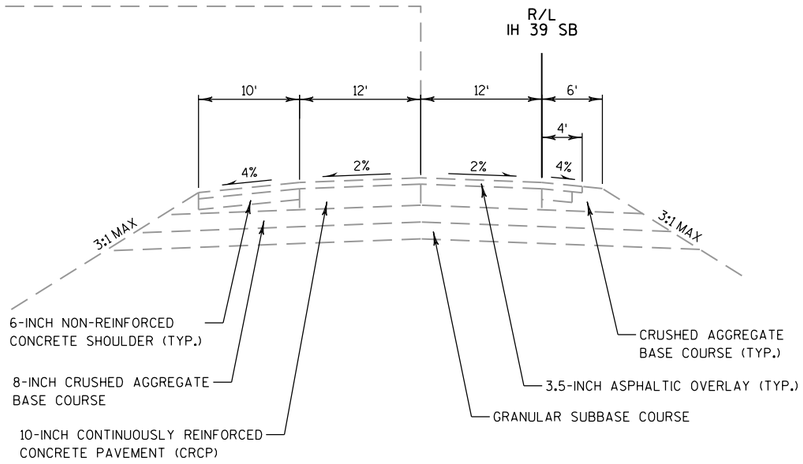
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PROJECT OVERVIEW	SHEET 18	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\020213_po.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 400:1

WISDOT/CADDS SHEET 42

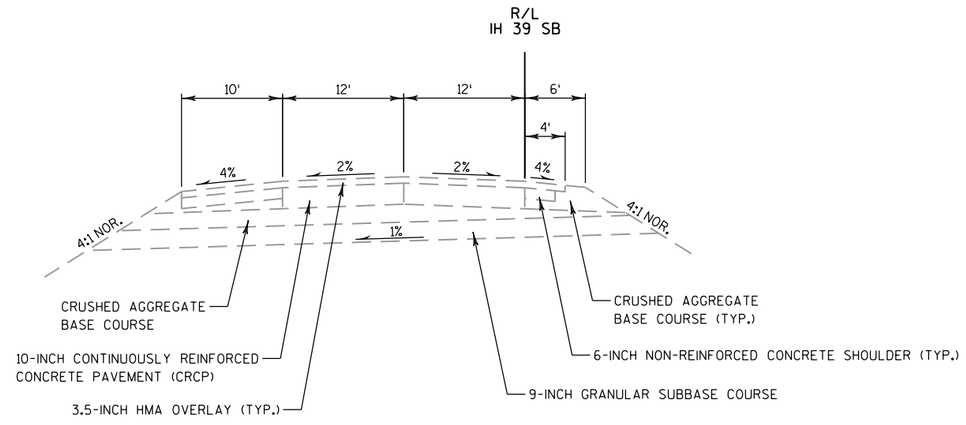


SEGMENTS 1(SB) AND 3 (SB)
AUXILIARY LANE (STH 14 TO STH 26)
STA. 713NSR+00 TO 732SBR+00



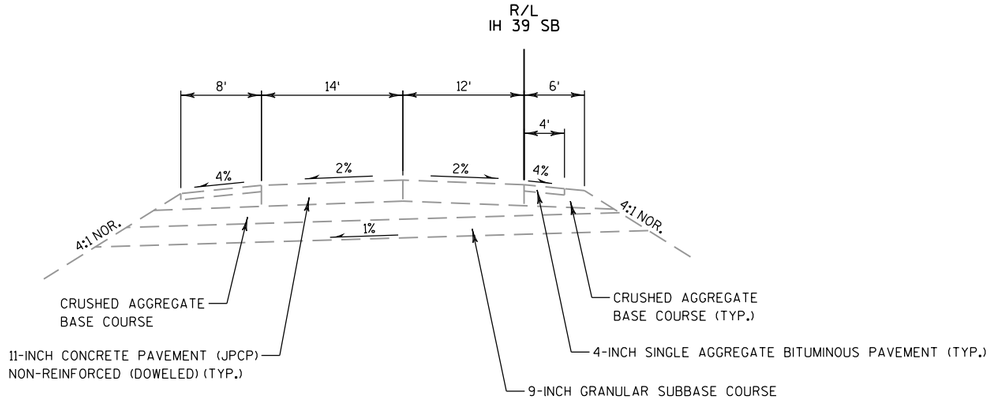
TYPICAL EXISTING SECTION
IH 39 SB

SEGMENTS 1(SB), 2 (SB) AND 3 (SB)
4000 FEET SOUTH OF USH 14 TO 2300 FEET SOUTH OF ROCK RIVER
STA. 661SBR+00 TO 1123SBR+00



TYPICAL EXISTING SECTION
IH 39 SB

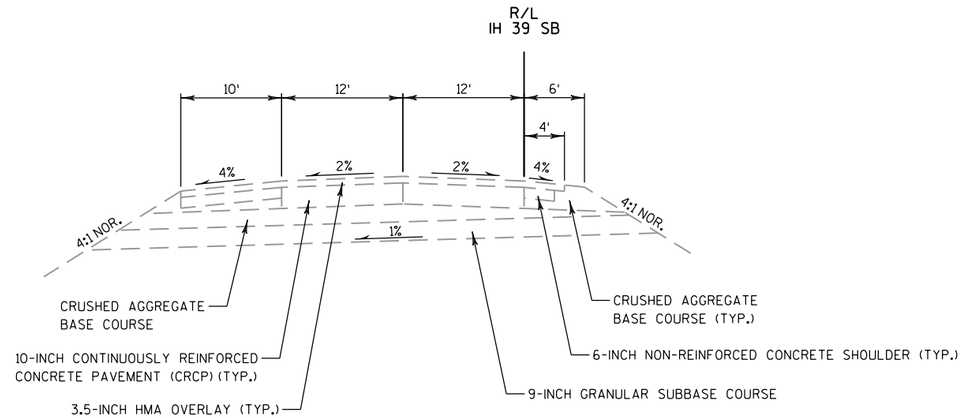
SEGMENT 1(SB)
E. MILWAUKEE STREET TO 4000 FEET SOUTH OF USH 14
STA. 628SBR+60 TO 661SBR+00



TYPICAL EXISTING SECTION
IH 39 SB

SEGMENTS 6 (SB) AND 7 (SB)
ROCK RIVER TO STH 106
STA. 1152SBR+61 TO 1216SBR+88.00
STA. 101SBD+40.50 TO 259SBD+00

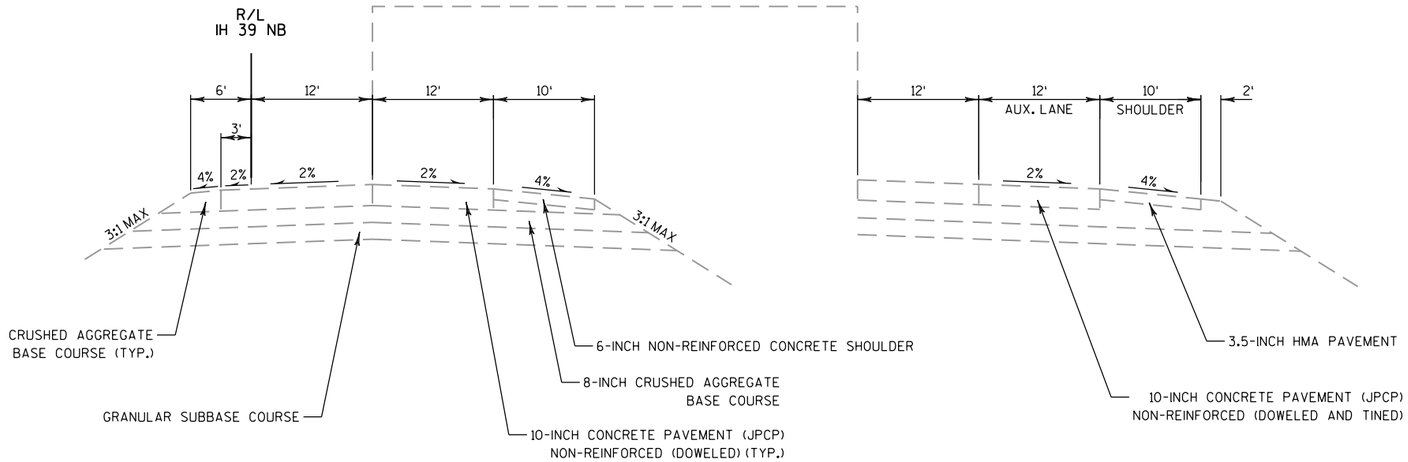
SEGMENT 5 (SB)
ROCK RIVER BRIDGE
STA. 1144SBR+77 TO 1152SBR+61



TYPICAL EXISTING SECTION
IH 39 SB

SEGMENT 4 (SB)
2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER
STA. 1123SBR+00 TO 1144SBR+77

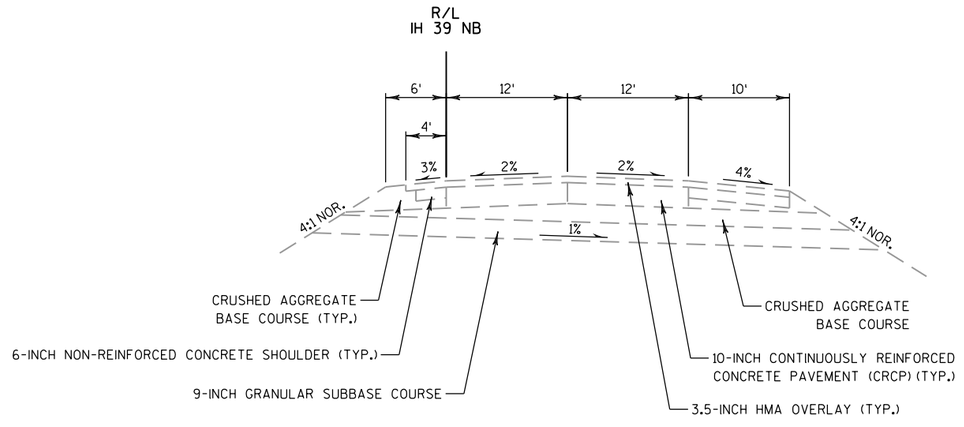
2



TYPICAL EXISTING SECTION
IH 39 NB

SEGMENTS 2 (NB) AND 3 (NB)
4000 FEET SOUTH OF USH 14 TO 750 FEET NORTH OF MANOGUE ROAD
STA. 661NBR+00 TO 938NBR+50

SEGMENTS 2 (NB) AND 3 (NB)
AUXILIARY LANE (STH 14 TO STH 26)
STA. 713NBR+00 TO 732NBR+00

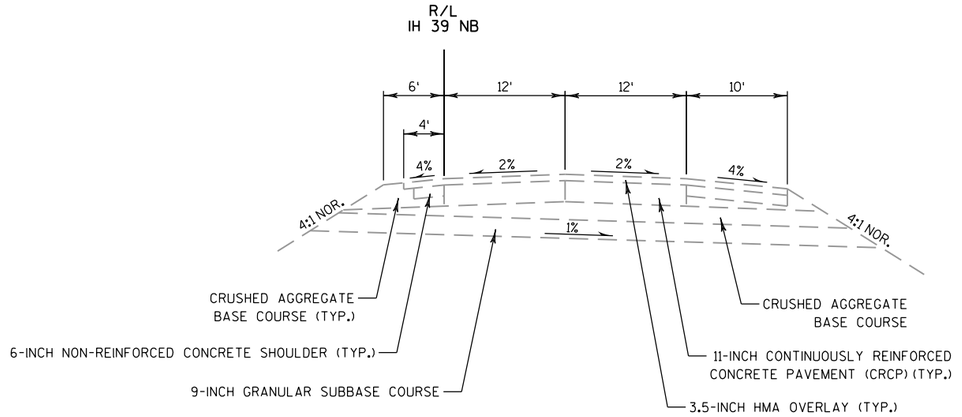


TYPICAL EXISTING SECTION
IH 39 NB

SEGMENT 1 (NB)
E. MILWAUKEE STREET TO 4000 FEET SOUTH OF USH 14
STA. 628NBR+80 TO 661NBR+00

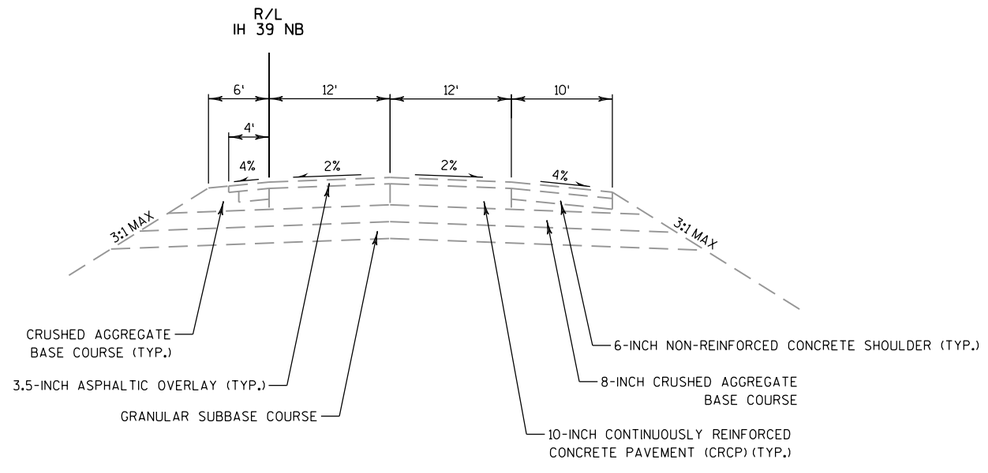
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TYPICAL SECTIONS	SHEET 21	E

2



TYPICAL EXISTING SECTION
IH 39 NB

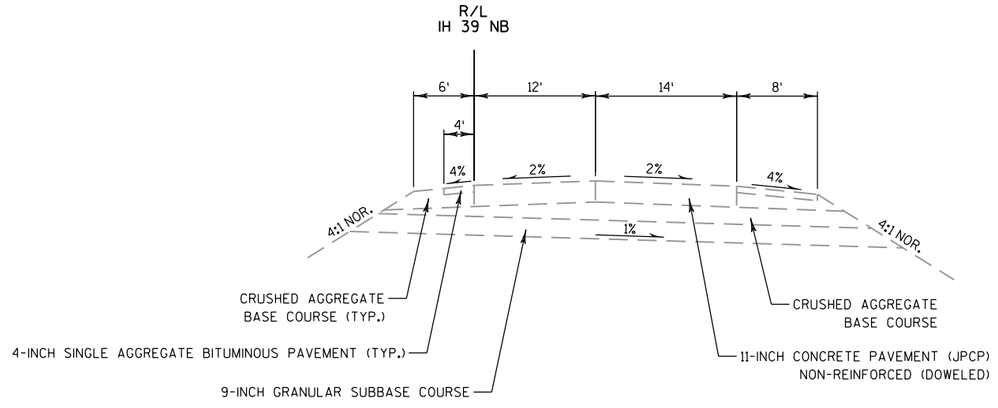
SEGMENT 5 (NB)
2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER
STA. 1123NBR+00 TO 1145NBR+65



TYPICAL EXISTING SECTION
IH 39 NB

SEGMENT 4 (NB)
750 FEET NORTH OF MANOGUE ROAD TO 2300 FEET SOUTH OF ROCK RIVER
STA. TO 938NBR+50 TO 1123NBR+00

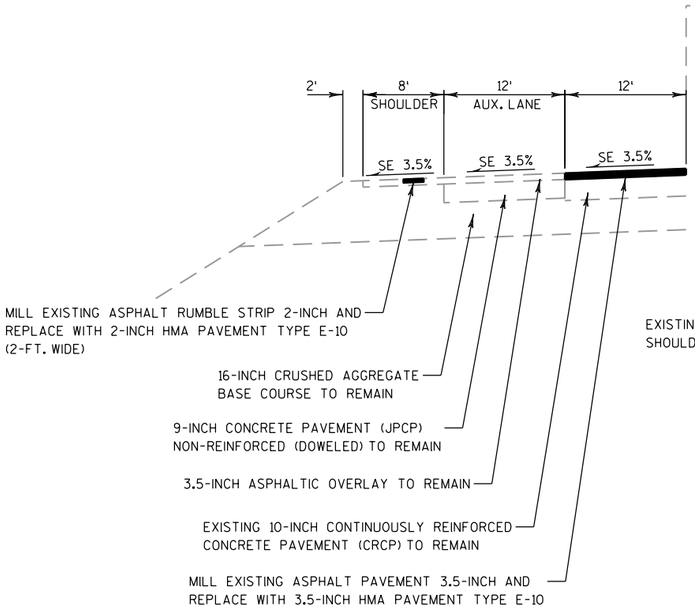
2



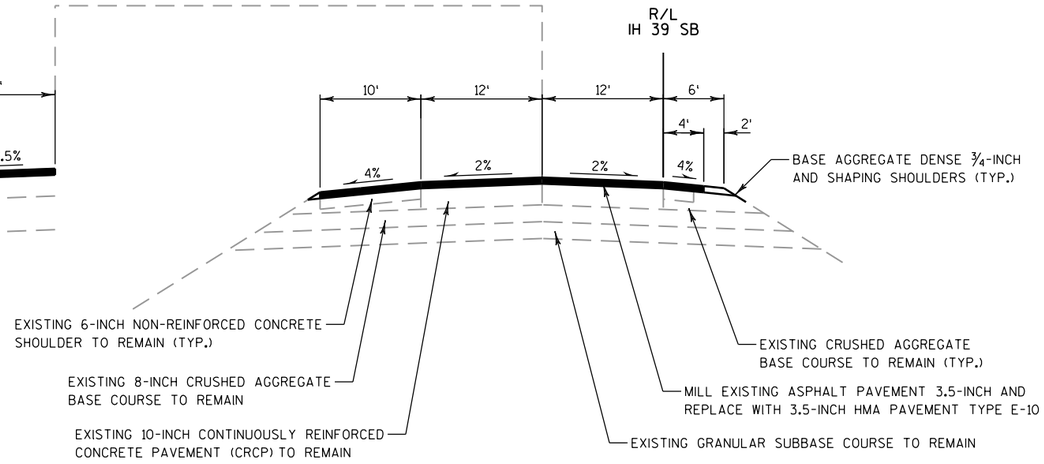
TYPICAL EXISTING SECTION
IH 39 NB

SEGMENTS 7 (NB) AND 8 (NB)
ROCK RIVER TO STH 106
STA. 1153NBR+01 TO 1217NBR+76.61
STA. 101NBD+40.61 TO 259NBD+55

SEGMENT 6 (NB)
ROCK RIVER BRIDGE
STA. 1145NBR+65 TO 1153NBR+01



SEGMENT 1 (SB)
AUXILIARY LANE (STH 14 TO STH 26)
STA. 713SBR+00 TO 732SBR+00, LT.



TYPICAL PROPOSED SECTION
IH 39 SB

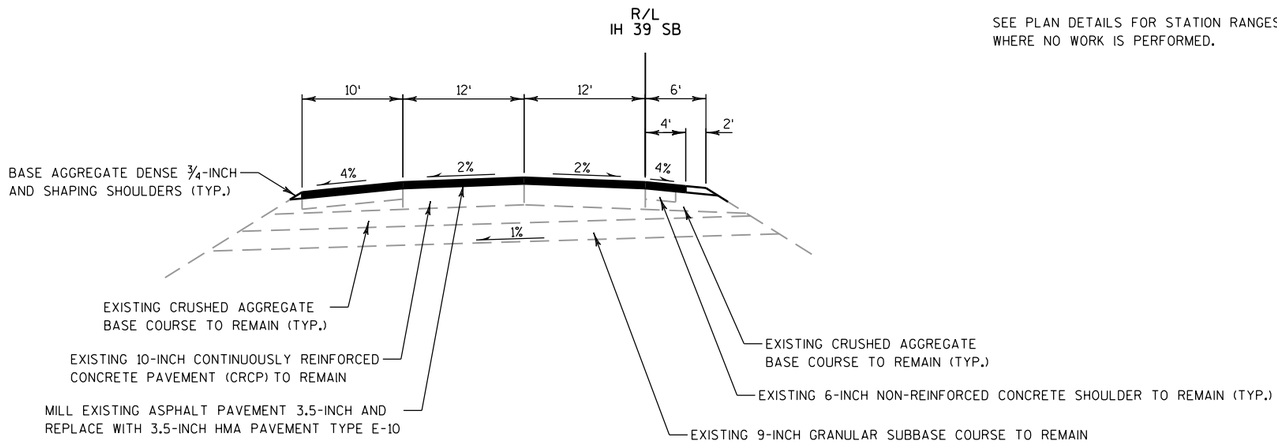
SEGMENT 1 (SB)
4000 FEET SOUTH OF USH 14 TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 661SBR+00 TO 813SBR+00

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS. CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

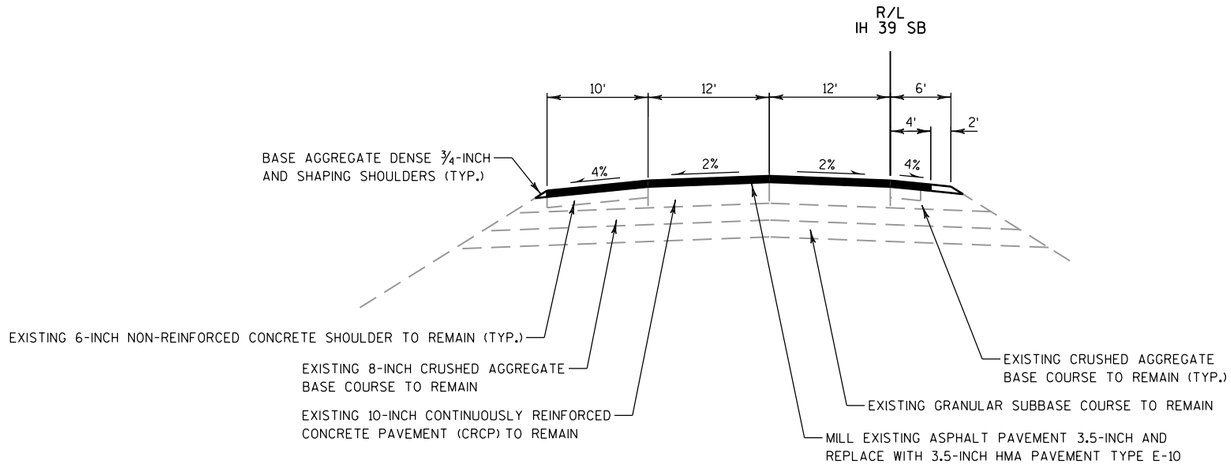
FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.



TYPICAL PROPOSED SECTION
IH 39 SB

SEGMENT 1 (SB)
E. MILWAUKEE STREET TO 4000 FEET SOUTH OF USH 14
STA. 628SBR+60 TO 661SBR+00



TYPICAL PROPOSED SECTION
IH 39 SB

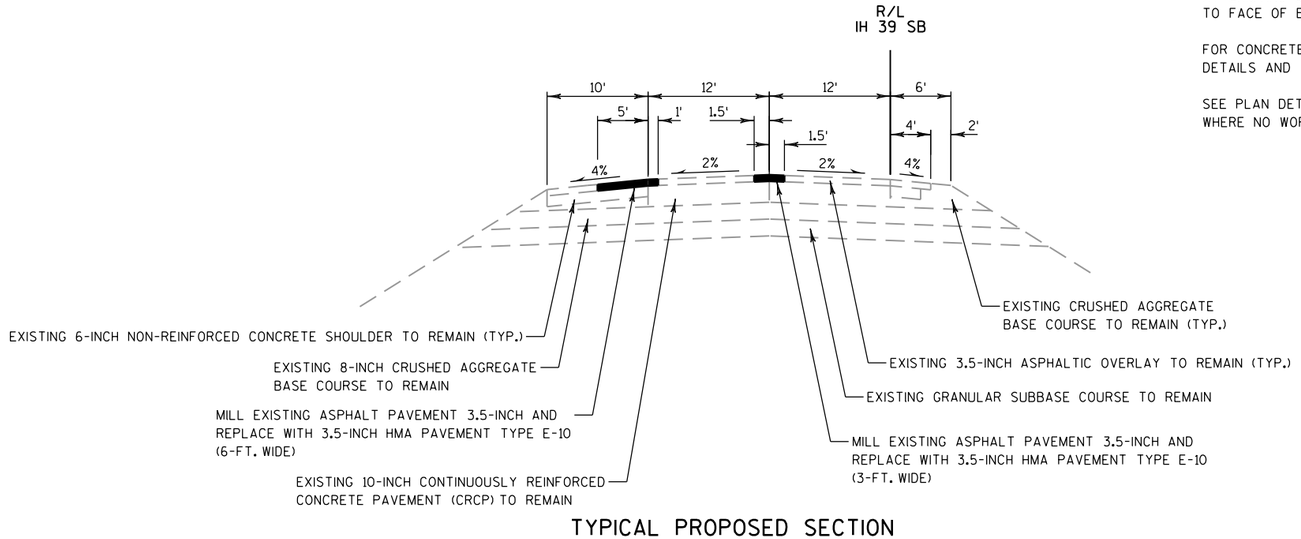
SEGMENT 3 (SB)
5400 FEET SOUTH OF ROCK RIVER TO 2300 FEET SOUTH OF ROCK RIVER
STA. 1092SBR+00 TO 1123SBR+00

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS. CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

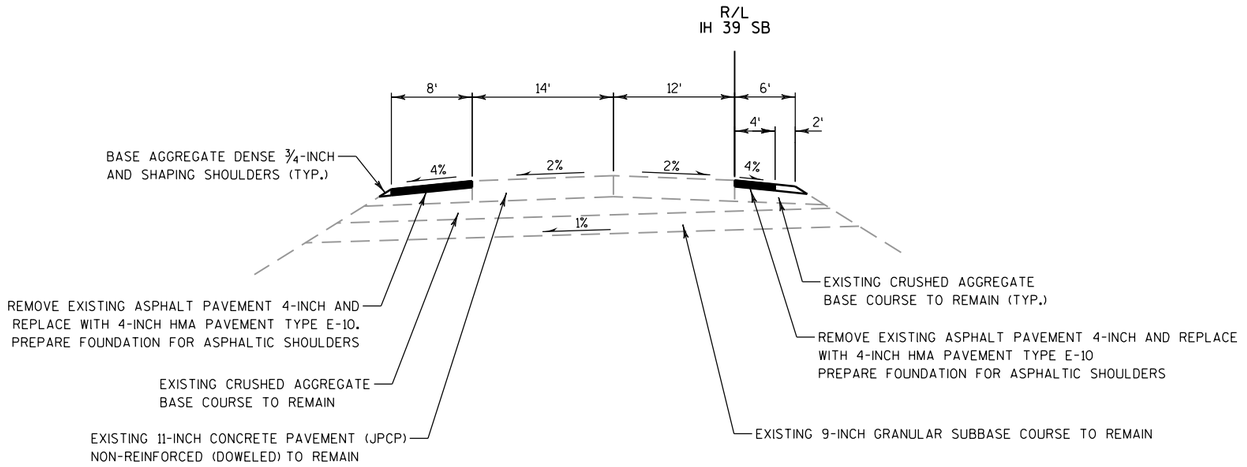
FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.



TYPICAL PROPOSED SECTION
IH 39 SB

SEGMENT 2 (SB)
1900 FEET NORTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
STA. 813SBR+00 TO 1092SBR+00



TYPICAL PROPOSED SECTION
IH 39 SB

SEGMENT 6 (SB)
ROCK RIVER TO GOEDE ROAD
STA. 1152SBR+61 TO 1207SBR+00

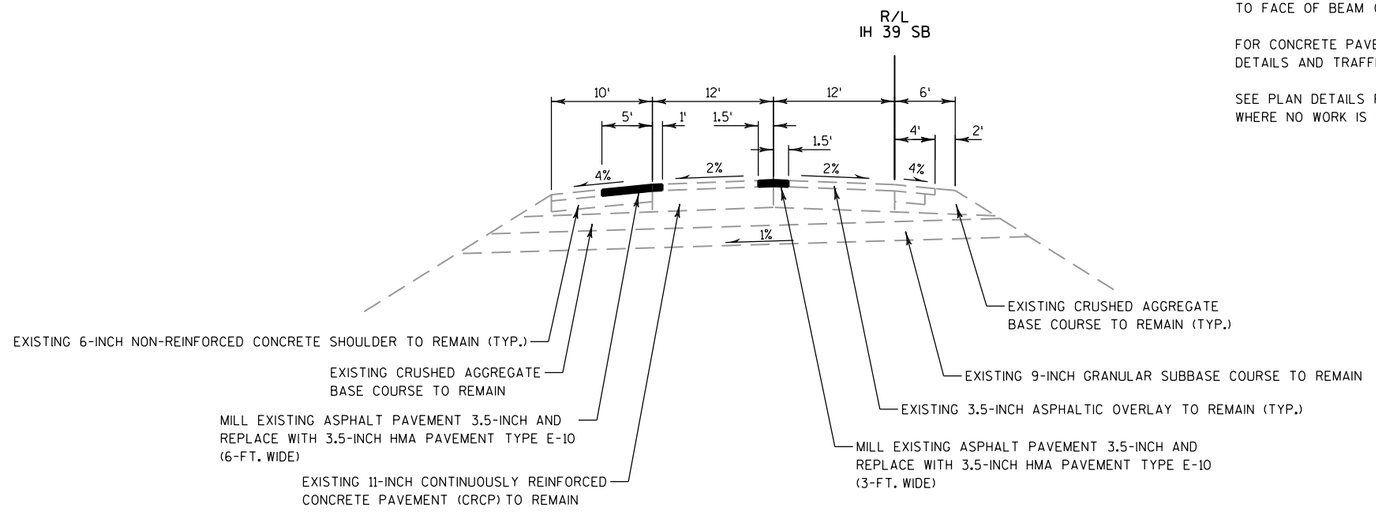
SEGMENT 5 (SB)
ROCK RIVER BRIDGE
STA. 1144SBR+77 TO 1152SBR+61
(NO WORK)

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS. CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.



TYPICAL PROPOSED SECTION
IH 39 SB

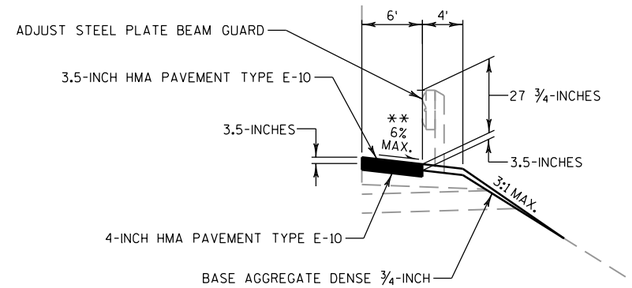
SEGMENT 4 (SB)
2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER
STA. 1123SBR+00 TO 1144SBR+77

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS. CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

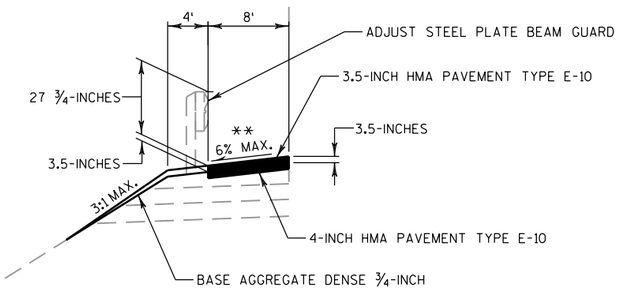
AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

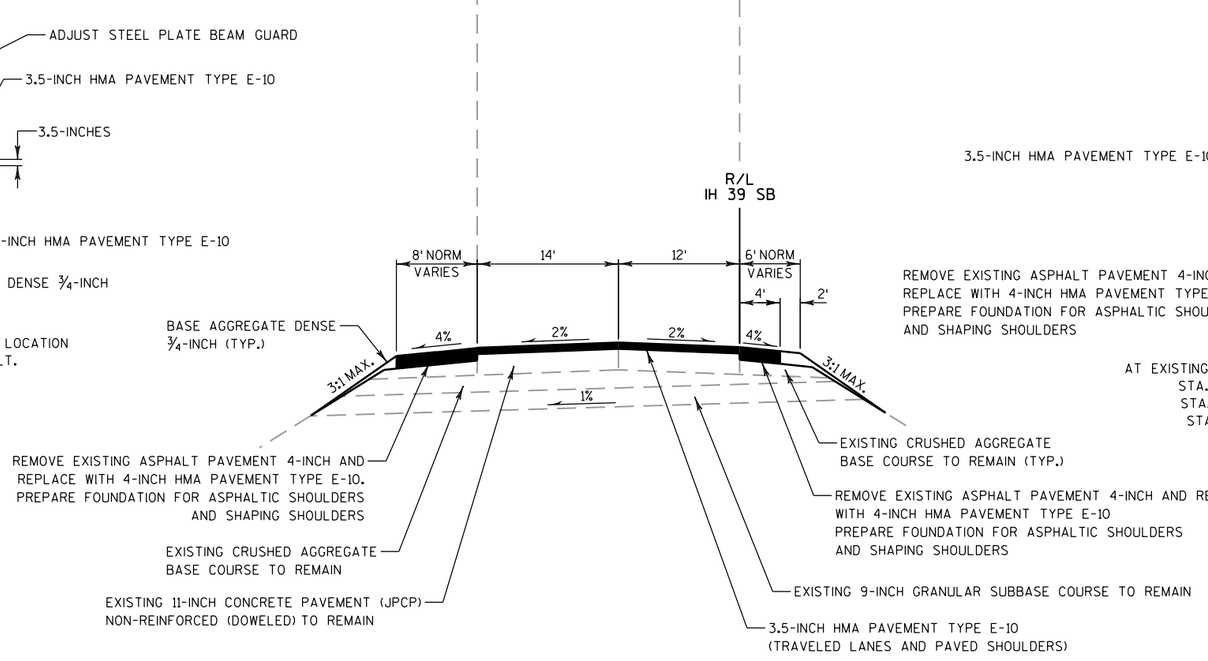
SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.

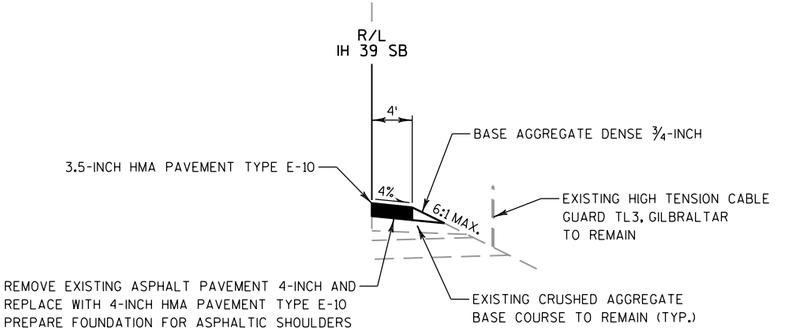


AT ADJUST STEEL PLATE BEAM GUARD LOCATION
STA. 155SBR+17 TO 158SBR+60, RT.



AT ADJUST STEEL PLATE BEAM GUARD LOCATION
STA. 133SBR+90 TO 135SBR+40, LT.



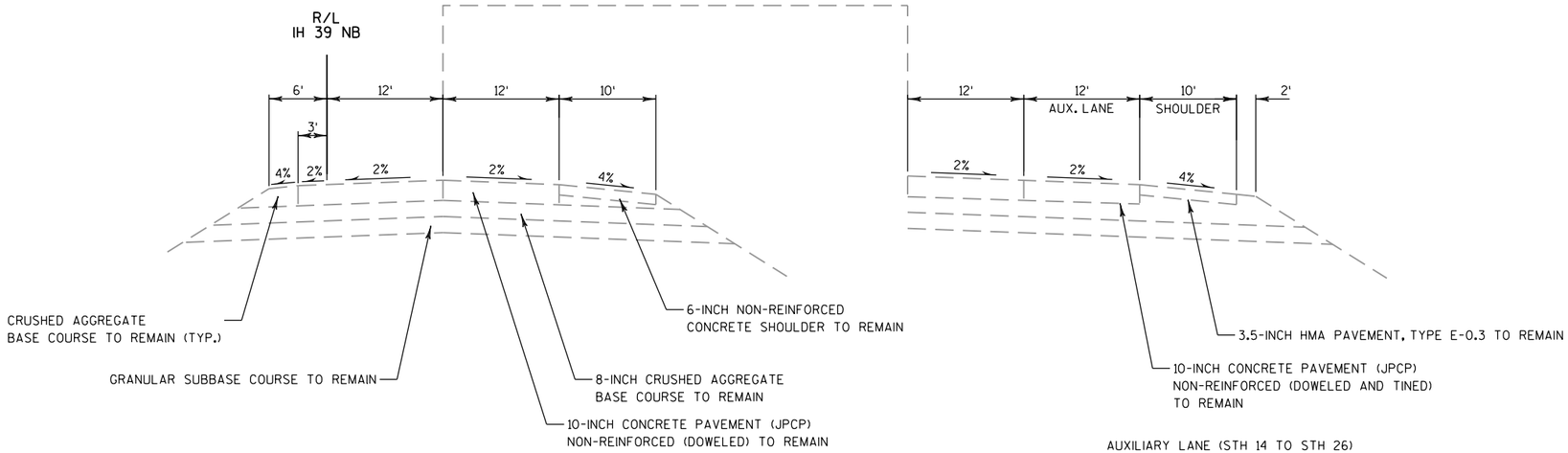


AT EXISTING HIGH TENSION CABLE GUARD LOCATIONS
STA. 1207SBR+00 TO 1216SBR+88, RT.
STA. 101SBD+40.5 TO 102SBD+55, RT.
STA. 131SBD+20 TO 194SBD+40, RT.

TYPICAL PROPOSED SECTION
IH 39 SB

** WHEN TRANSITIONING SHOULDER CROSS SLOPE BACK TO NORMAL, RATE OF CHANGE SHALL BE 2% OF ROTATION FOR EVERY 50-FT. OF LENGTH.

SEGMENT 7 (SB)
GOEDE ROAD TO STH 106
STA. 1207SBR+00 TO 1216SBR+88.00
STA. 101SBD+40.50 TO 259SBD+00



TYPICAL PROPOSED SECTION
IH 39 NB

SEGMENT 2 (NB)
4000 FEET SOUTH OF USH 14 TO 1350 FEET NORTH OF KENNEDY ROAD
STA. 661NBR+00 TO 808NBR+00
FOR INFORMATION ONLY
(NO WORK)

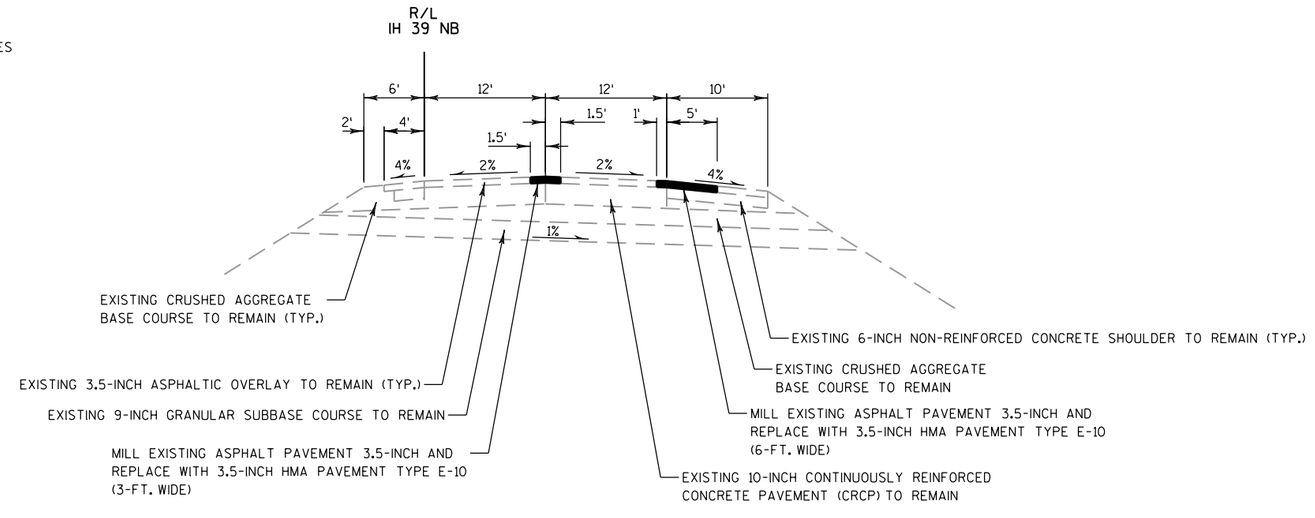
AUXILIARY LANE (STH 14 TO STH 26)
STA. 713NBR+00 TO 732NBR+00, RT.

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS. CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.

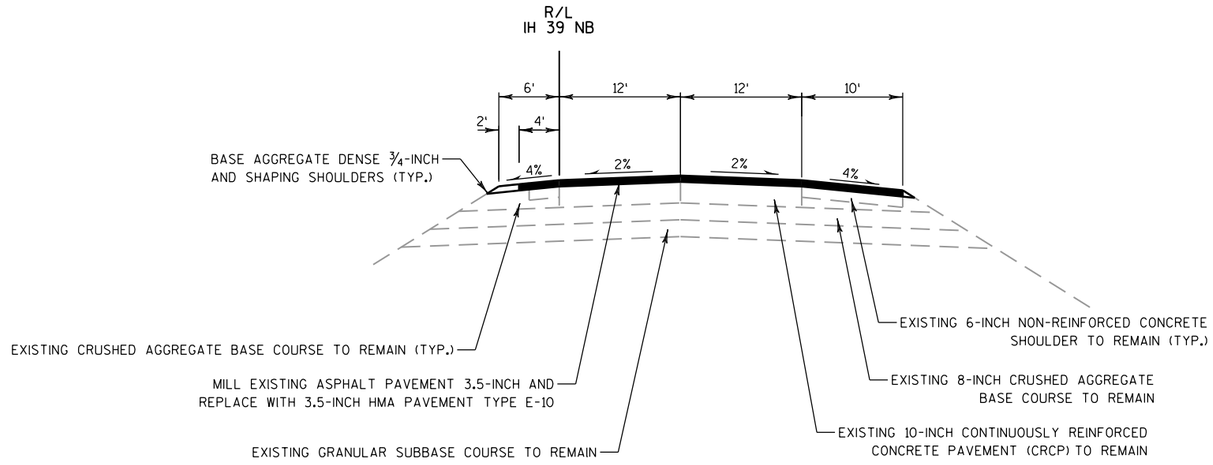


TYPICAL PROPOSED SECTION
IH 39 NB

SEGMENT 1 (NB)
E. MILWAUKEE STREET TO 4000 FEET SOUTH OF USH 14
STA. 628NBR+80 TO 661NBR+00

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TYPICAL SECTIONS	SHEET 28	E

2



TYPICAL PROPOSED SECTION
IH 39 NB

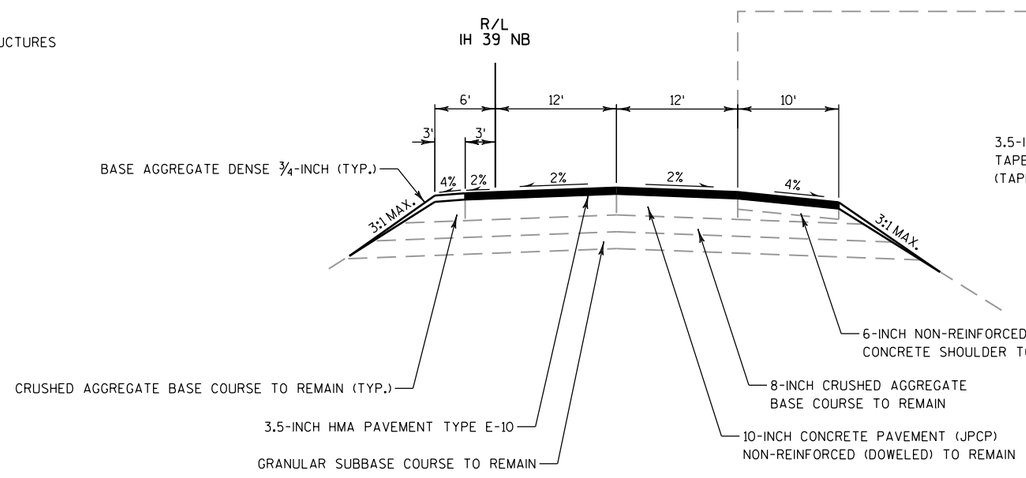
SEGMENT 4 (NB)
750 FEET NORTH OF MANOGUE ROAD TO 2300 FEET SOUTH OF ROCK RIVER
STA. 938NBR+50 TO 1123NBR+00

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS. CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

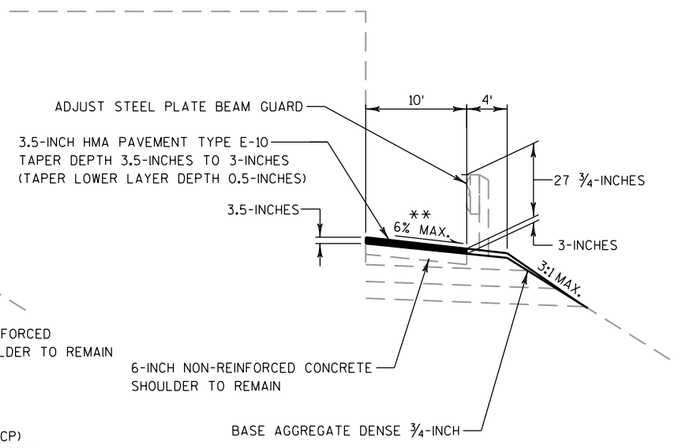
FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.



TYPICAL PROPOSED SECTION
IH 39 NB

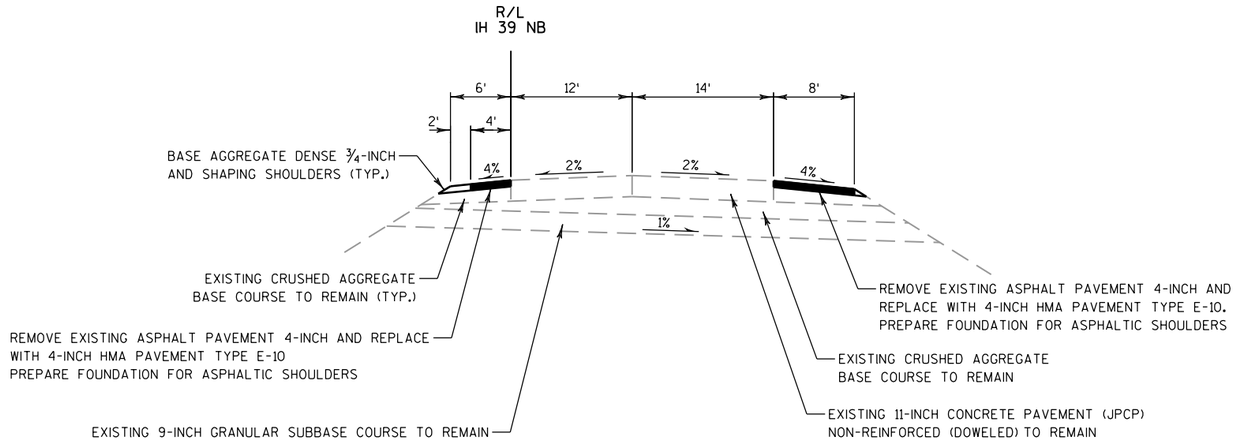
SEGMENT 3 (NB)
1350 FEET NORTH OF KENNEDY ROAD TO 750 FEET NORTH OF MANOGUE ROAD
STA. 808NBR+00 TO 938NBR+50



AT ADJUST STEEL PLATE BEAM GUARD LOCATION
STA. 928NBR+65 TO 930NBR+25, RT.

** WHEN TRANSITIONING SHOULDER CROSS SLOPE BACK TO NORMAL, RATE OF CHANGE SHALL BE 2% OF ROTATION FOR EVERY 50-FT. OF LENGTH.

2



TYPICAL PROPOSED SECTION
IH 39 NB

SEGMENT 7 (NB)
ROCK RIVER TO 700 FEET NORTH OF GOEDE ROAD
STA. 1153NBR+01 TO 1211NBR+00

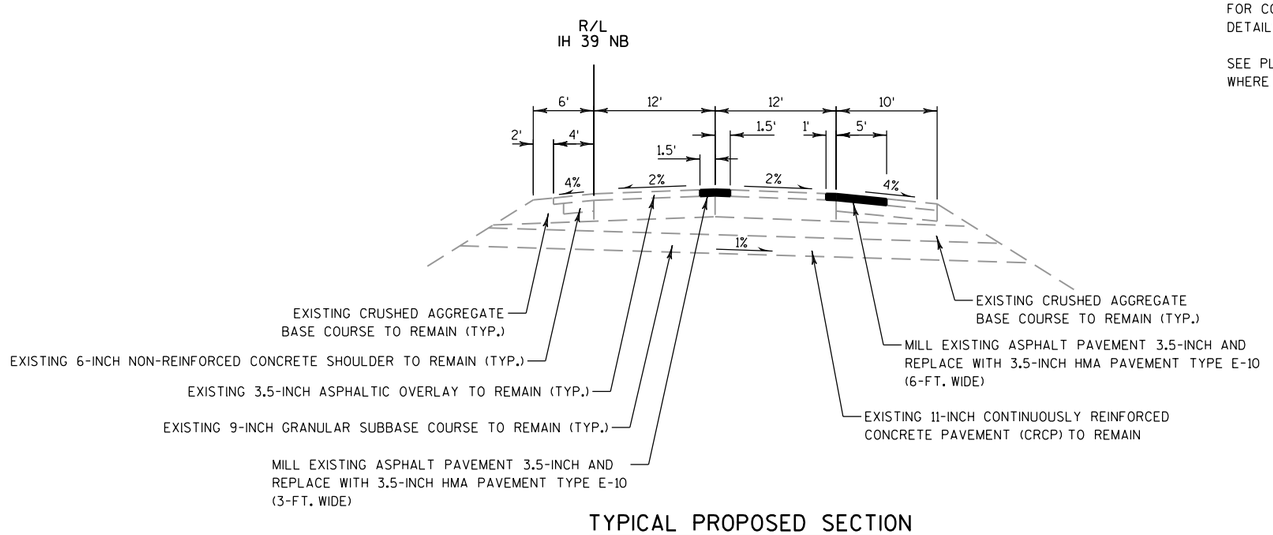
SEGMENT 6 (NB)
ROCK RIVER BRIDGE
STA. 1145NBR+65 TO 1153NBR+01
(NO WORK)

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS. CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.



TYPICAL PROPOSED SECTION
IH 39 NB

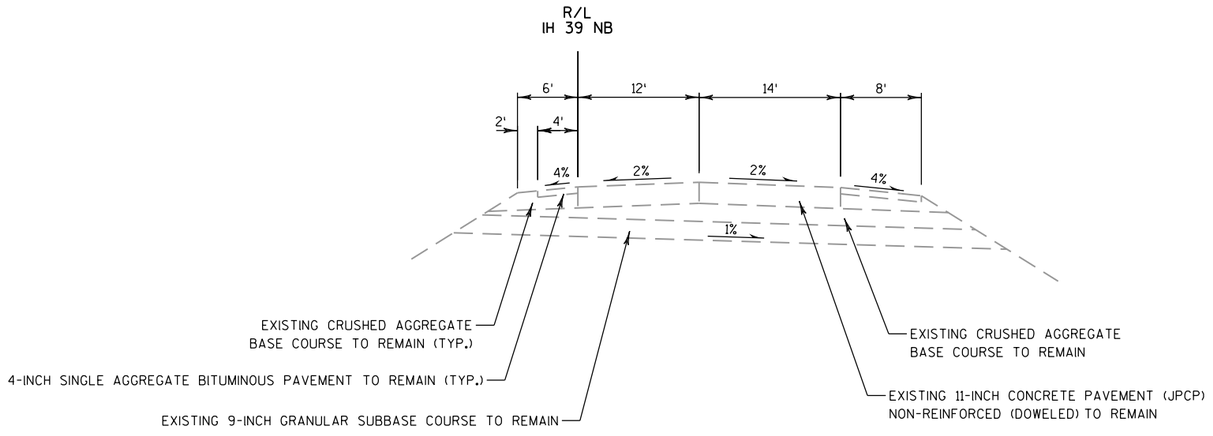
SEGMENT 5 (NB)
2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER
STA. 1123NBR+00 TO 1145NBR+65

NOTES:
CROSS SLOPES SHOWN IN TYPICAL SECTIONS ARE FOR TANGENT SECTIONS.
CROSS SLOPES IN SUPERELEVATED AND SUPERELEVATED TRANSITION SECTIONS SHALL MATCH EXISTING CROSS SLOPES.

AT EXISTING BEAM GUARD LOCATIONS NOT BEING ADJUSTED, PAVE SHOULDER TO FACE OF BEAM GUARD OR AS DIRECTED BY ENGINEER.

FOR CONCRETE PAVEMENT REPAIR AND REPLACEMENT LOCATIONS, SEE PLAN DETAILS AND TRAFFIC CONTROL TYPICAL SECTIONS.

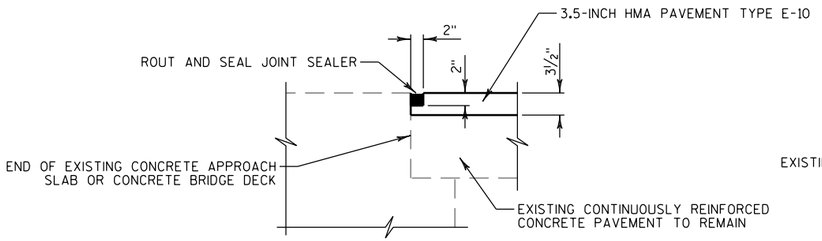
SEE PLAN DETAILS FOR STATION RANGES ON OR BELOW MAINLINE STRUCTURES WHERE NO WORK IS PERFORMED.



TYPICAL PROPOSED SECTION
IH 39 NB

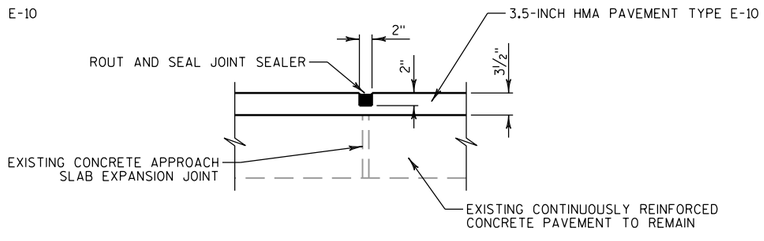
SEGMENT 8 (NB)
700 FEET NORTH OF GOEDE ROAD TO STH 106
STA. 1211NBR+00 TO STA. 1217NBR+76.61
STA. 101NBD+40.61 TO 259NBD+55
FOR INFORMATION ONLY
(NO WORK)

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TYPICAL SECTIONS	SHEET 31	E



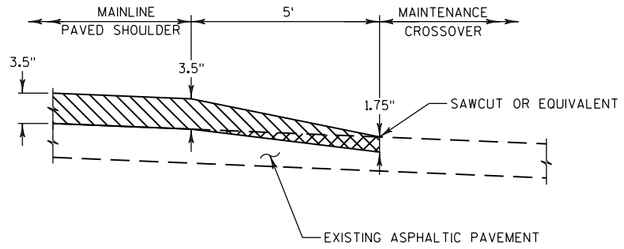
ROUT AND SEAL JOINT DETAIL

AT JOINT LOCATIONS WITH HMA PAVEMENT AND EXISTING CONCRETE



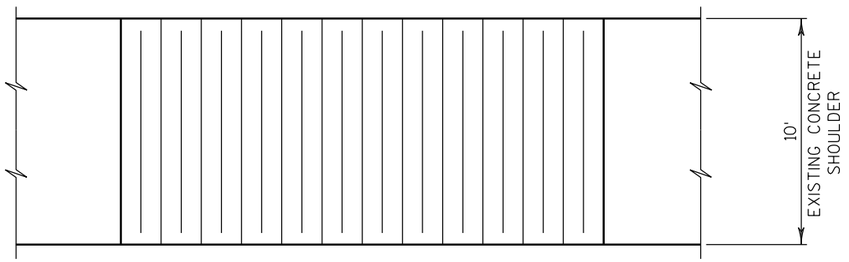
ROUT AND SEAL JOINT DETAIL

AT JOINT LOCATIONS WITH HMA PAVEMENT ON BOTH SIDES

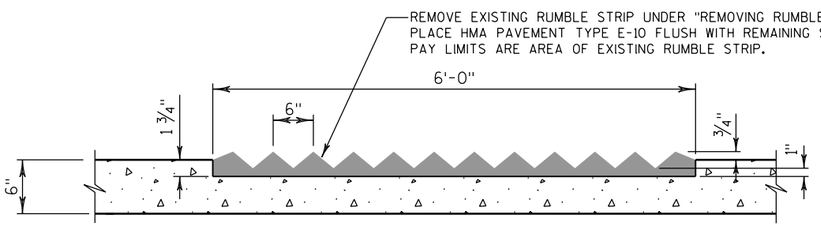


MAINTENANCE CROSSOVER BUTT JOINT DETAIL

IH 39 NB LOCATIONS	IH 39 SB LOCATIONS
STA. 813NBR+50	STA. 102SBD+75
STA. 928NBR+88	STA. 194SBD+55



PLAN VIEW



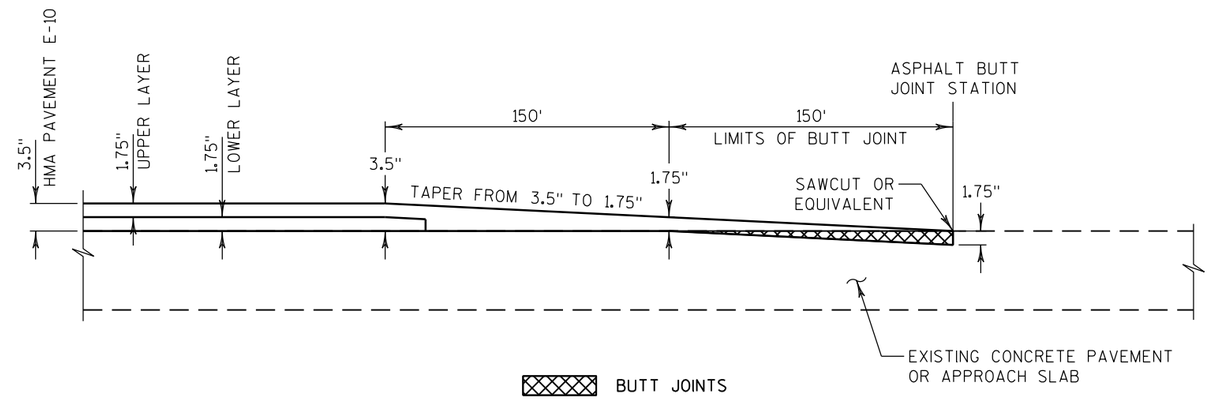
PROFILE VIEW

NOTE

RUMBLE STRIPS ARE LONGITUDINALLY SPACED 60' CENTER TO CENTER

REMOVING RUMBLE STRIPS

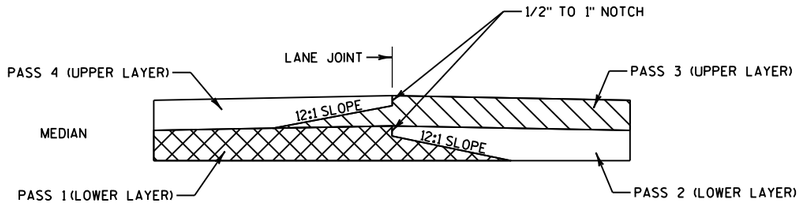
808NBR+00 TO 877NBR+20, RT.
878NBR+50 TO 938NBR+50, RT.



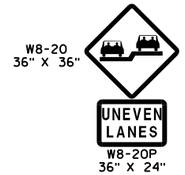
MAINLINE AND RAMP BUTT JOINT DETAIL

IH 39 NB LOCATIONS	IH 39 SB LOCATIONS
808NBR+00	1207SBR+00
877NBR+20	129SBD+55
878NBR+50	135SBD+00
929NBR+75	213SBD+75
932NBR+05	216SBD+25
938NBR+50	223SBD+50, LT. (RAMP)
	255SBD+45

2



TYPICAL PAVEMENT CROSS SECTIONS OF TAPERED &
NOTCHED LONGITUDINAL JOINTS FOR NEW OVERLAYS



NOTE:

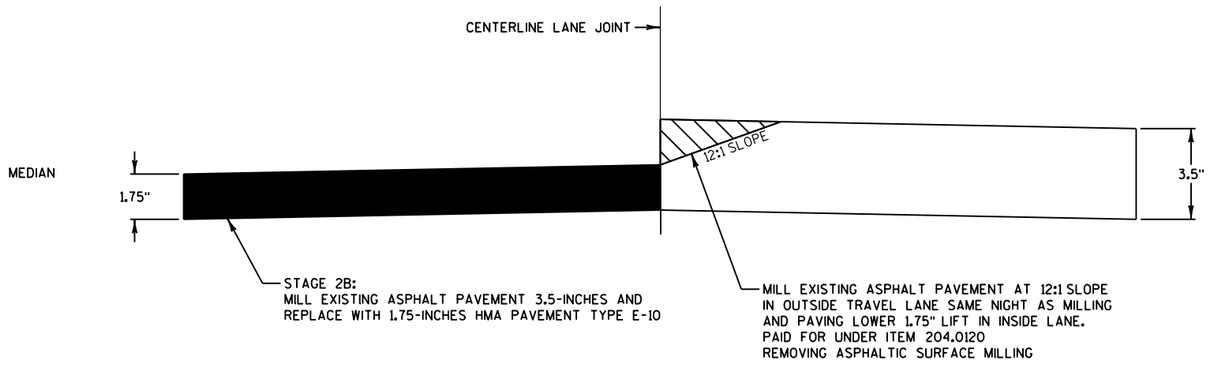
TO BE UTILIZED FOR TEMPORARY
INSTALLATIONS IN WORK AREAS INVOLVING
PAVING LONGITUDINAL JOINTS (SEE W8-20)

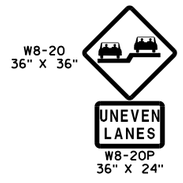
UNEVEN LANES SIGNS SHALL BE PLACED
AT THE BEGINNING OF JOINT AND AT
1/2 MILE INCREMENTS

SIGNS WILL BE PAID AS TRAFFIC CONTROL, SIGNS.

UNEVEN LANES & SHOULDERS NOT PERMITTED
OVER WEEKENDS, FRIDAY AT 5:00AM THROUGH
SUNDAY AT 10:00PM

APPLY TACK COAT TO TAPERED AND NOTCHED
LONGITUDINAL JOINTS ON LOWER AND UPPER LAYERS.





NOTE:

TO BE UTILIZED FOR TEMPORARY
INSTALLATIONS IN WORK AREAS INVOLVING
PAVING LONGITUDINAL JOINTS (SEE W8-20)

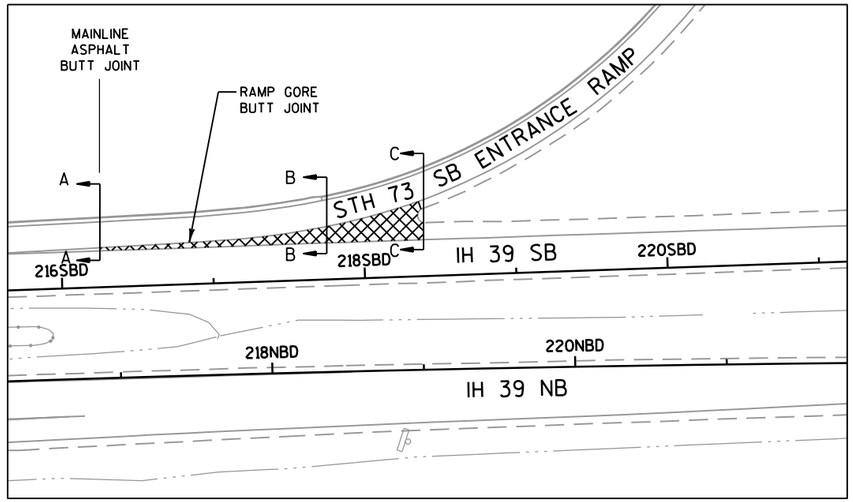
UNEVEN LANES SIGNS SHALL BE PLACED
AT THE BEGINNING OF JOINT AND AT
1/2 MILE INCREMENTS

SIGNS WILL BE PAID AS TRAFFIC CONTROL, SIGNS.

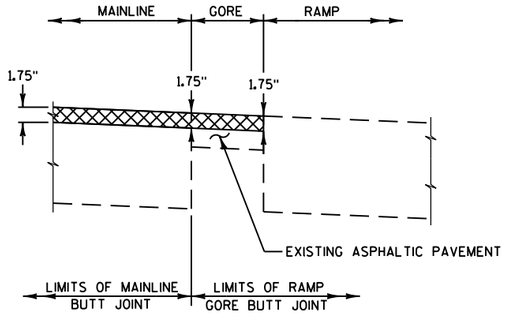
UNEVEN LANES & SHOULDERS NOT PERMITTED
OVER WEEKENDS, FRIDAY AT 5:00AM THROUGH
SUNDAY AT 10:00PM

TYPICAL PAVEMENT CROSS SECTIONS FOR MILLING EXISTING 3.5" ASPHALT OVERLAY AT
CENTERLINE JOINT AFTER PLACING 1.75" ASPHALT OVERLAY IN ADJACENT LANE

2

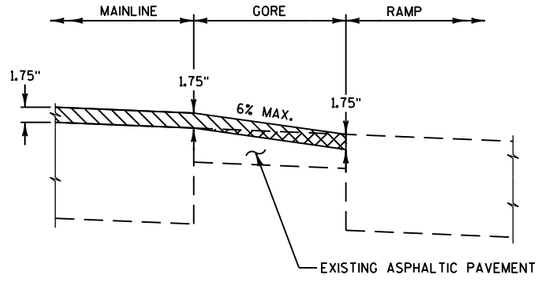


PLAN



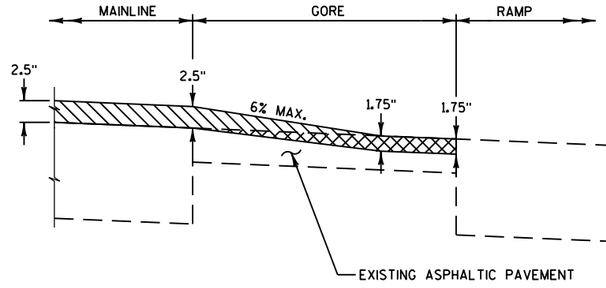
SECTION A-A

STA. 216SBD+25



SECTION B-B

STA. 217SBD+75



SECTION C-C

STA. 218SBD+40

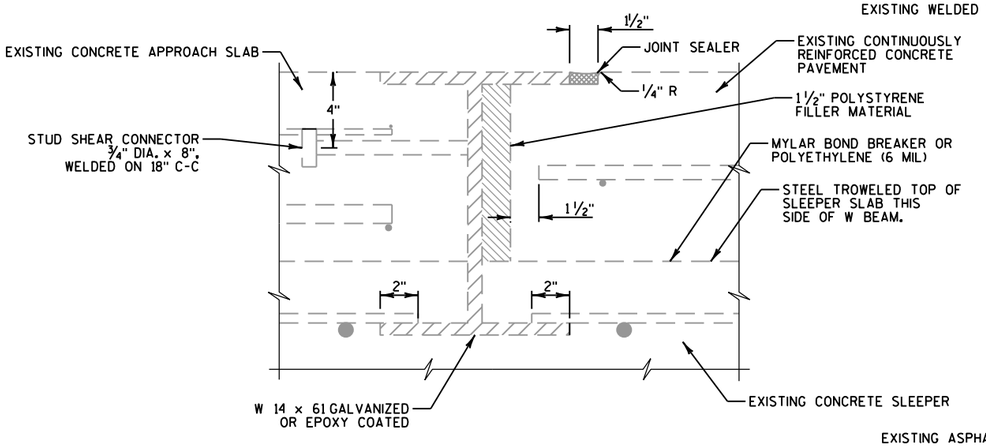
RAMP GORE BUTT JOINT DETAIL

STA. 216SBD+25 TO 218SBD+40

ASPHALTIC PAVEMENT

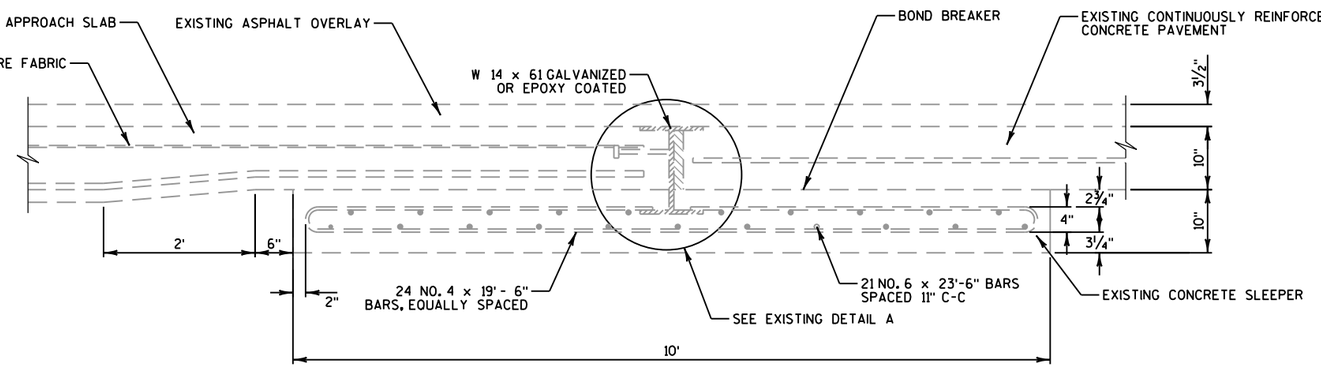
BUTT JOINT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	CONSTRUCTION DETAILS	SHEET 34	E



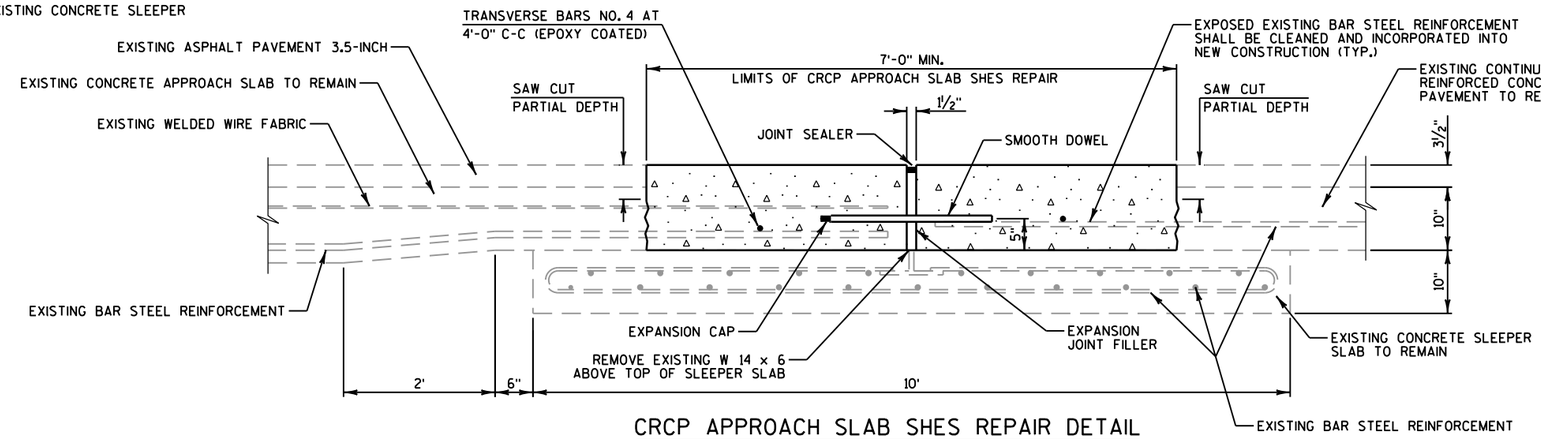
EXISTING DETAIL A

FOR INFOMATION ONLY



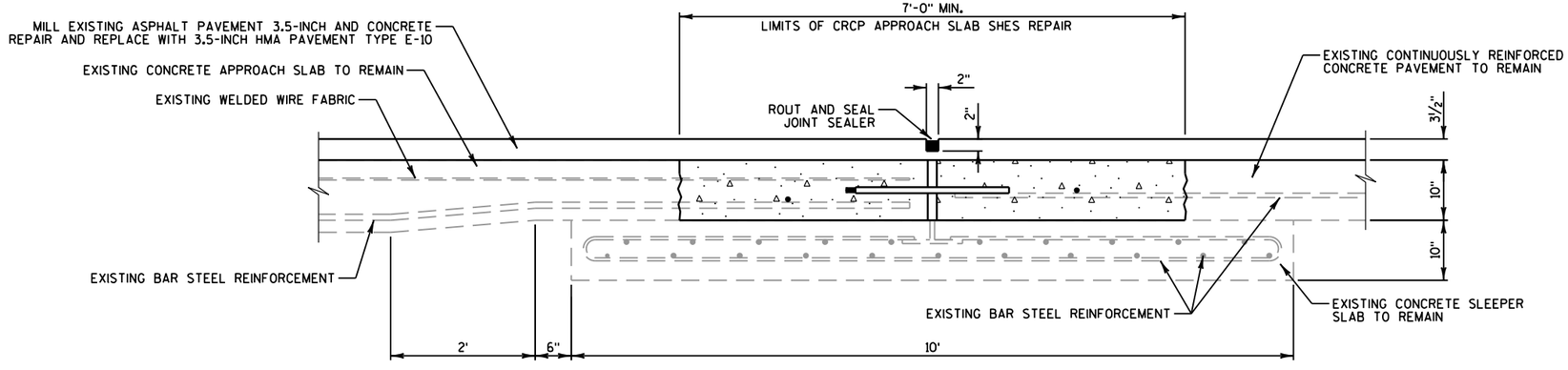
EXISTING EXPANSION JOINT AT CRCP APPROACH SLAB

FOR INFOMATION ONLY



CRCP APPROACH SLAB SHES REPAIR DETAIL

AT B-53-73 NORTH AND SOUTH APPROACH SLABS
(STAGES 2A AND 3A)



CRCP APPROACH SLAB SHES REPAIR DETAIL

AT B-53-73 NORTH AND SOUTH APPROACH SLABS
(FINAL CONDITION)

2

N

ALLIANT GAS LINE

ALLIANT ELECTRIC LINE

ONTARIO DR.

BEGIN CONSTRUCTION
STA. 628SBR+60

EXISTING CONCRETE BRIDGE DECK & APPROACH SLAB (NO WORK)

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10 AND MILL EXISTING OUTSIDE ASPHALT RUMBLE STRIP

ALLIANT ELECTRIC LINE

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

STRUCTURE B-53-214
SB OVER E. MILWAUKEE ST.

R/L IH 39 SB

624SBR 626SBR 628SBR 630SBR 632SBR IH 39 SB 634SBR 636SBR 638SBR

MILL EXISTING ASPHALT SHOULDER PAVEMENTS, BETWEEN THE ABUTMENT JOINT AND APPROACH SLAB JOINT, 3.5-INCH AND REPLACE WTH 3.5-INCH HMA PAVEMENT TYPE E-10

624NBR 626NBR 628NBR 630NBR 632NBR 634NBR 636NBR 638NBR

IH 39 NB

R/L IH 39 NB

MATCHLINE 639NBR+25

STRUCTURE B-53-215
NB OVER E. MILWAUKEE ST.

CITY OF JANESVILLE WATER LINE

EXISTING CONCRETE BRIDGE DECK & APPROACH SLAB (NO WORK)

SEGMENT 1 (NB)
MILL EXISTING NB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10 (3-FT. WIDE ALONG CENTERLINE AND 6-FT. WIDE ALONG OUTSIDE SHOULDER)

BEGIN PROJECT
STA. 629NBR+80

AT&T FIBER OPTIC LINE

E. MILWAUKEE ST. (CTH A)

SOMERSET DR.

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\021201_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1
WISDOT/CADDS SHEET 42

2

N

ALLIANT GAS LINE

SEGMENT 1 (SB)
MILL EXISTING SB
ASPHALT PAVEMENT
3.5-INCH AND
REPLACE WITH
3.5-INCH HMA
PAVEMENT
TYPE E-10
AND MILL EXISTING
OUTSIDE ASPHALT
RUMBLE STRIP

EXISTING CONCRETE
BRIDGE DECK
NO WORK

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

ALLIANT ELECTRIC LINE

ALLIANT ELECTRIC LINE

ALLIANT ELECTRIC
LINE

ROUT AND SEAL CONCRETE ABUTMENT JOINT

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

R/L IH 39 SB

640SBR 642SBR IH 39 SB 644SBR 646SBR 648SBR 650SBR 652SBR 654SBR

MATCHLINE 639NBR+25

640NBR 642NBR 644NBR 646NBR 648NBR 650NBR 652NBR 654NBR

MATCHLINE 654NBR+25

IH 39 NB

STRUCTURE B-53-59
SB OVER MT. ZION AVE.

SECURE STRUCTURE COVER

STRUCTURE B-53-60
NB OVER MT. ZION AVE.

ROUT AND SEAL CONCRETE
APPROACH SLAB JOINT

CITY OF JANESVILLE WATER LINE

R/L IH 39 NB

CITY OF JANESVILLE SEWER LINE

SEGMENT 1 (NB)
MILL EXISTING NB
ASPHALT PAVEMENT
3.5-INCH AND
REPLACE WITH
3.5-INCH HMA
PAVEMENT
TYPE E-10
(3-FT. WIDE ALONG
CENTERLINE AND
6-FT. WIDE ALONG
OUTSIDE SHOULDER)

EXISTING CONCRETE
BRIDGE DECK AND
APPROACH SLABS
(NO WORK)

SEGMENT 1 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

MT. ZION AVE.

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 37	E

2

N

LILAC LANE

ALLIANT ELECTRIC LINE

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

R/L IH 39 SB

656SBR 658SBR 660SBR 662SBR IH 39 SB 664SBR 666SBR 668SBR

656NBR 658NBR 660NBR 662NBR 664NBR 666NBR 668NBR

IH 39 NB

MATCHLINE 654NBR+25

MATCHLINE 669NBR+25

R/L IH 39 NB

10' 24' 4' 3' 24' 10'

CITY OF JANESVILLE WATER LINE

ANR PIPELINE CO. GAS LINE

GREEN VALLEY DR.

SEGMENT 1 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

+00

SEGMENT 2 (NB)
NB ROADWAY
(NO WORK)

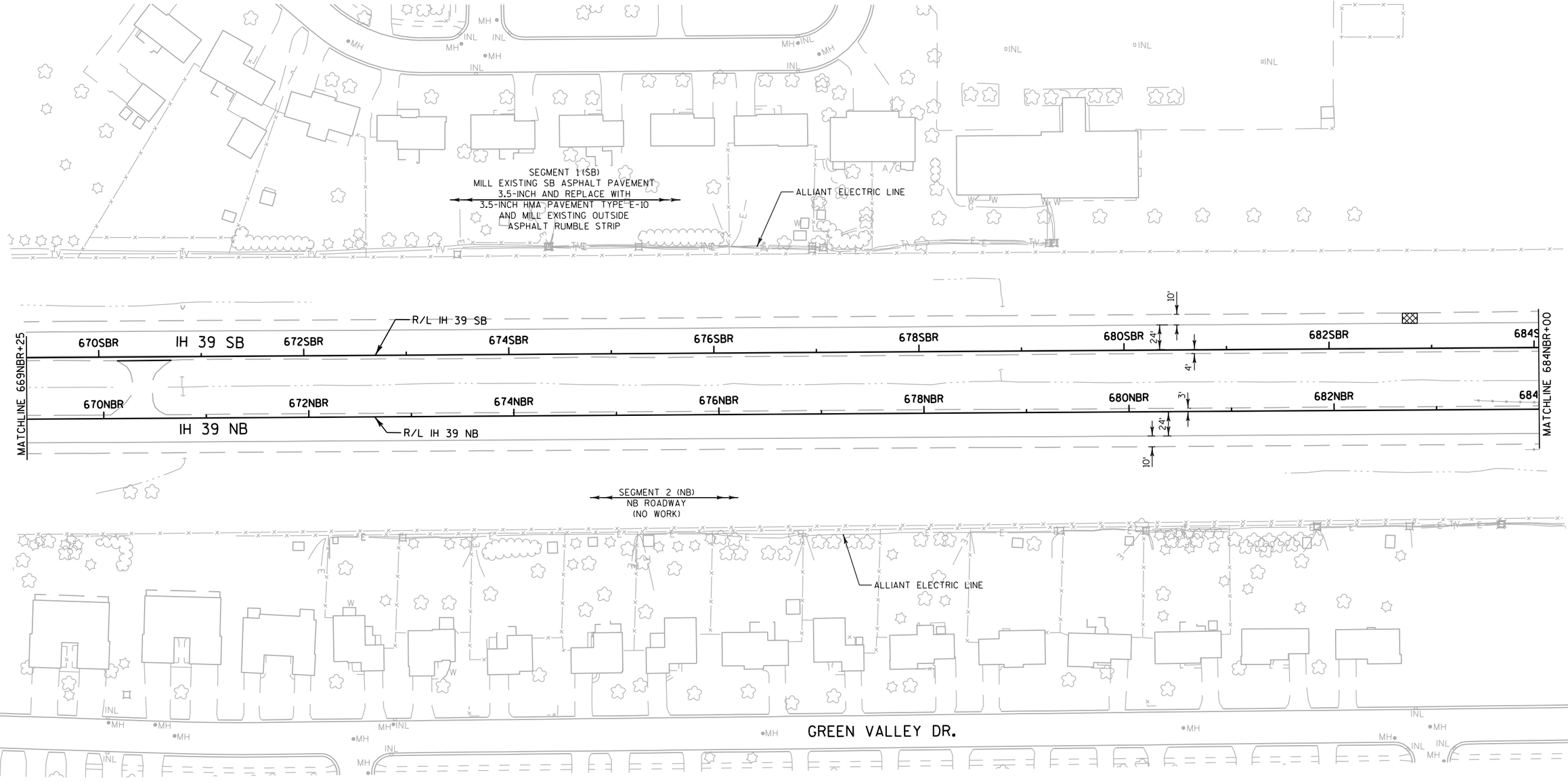
NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT
- SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 38	E

2



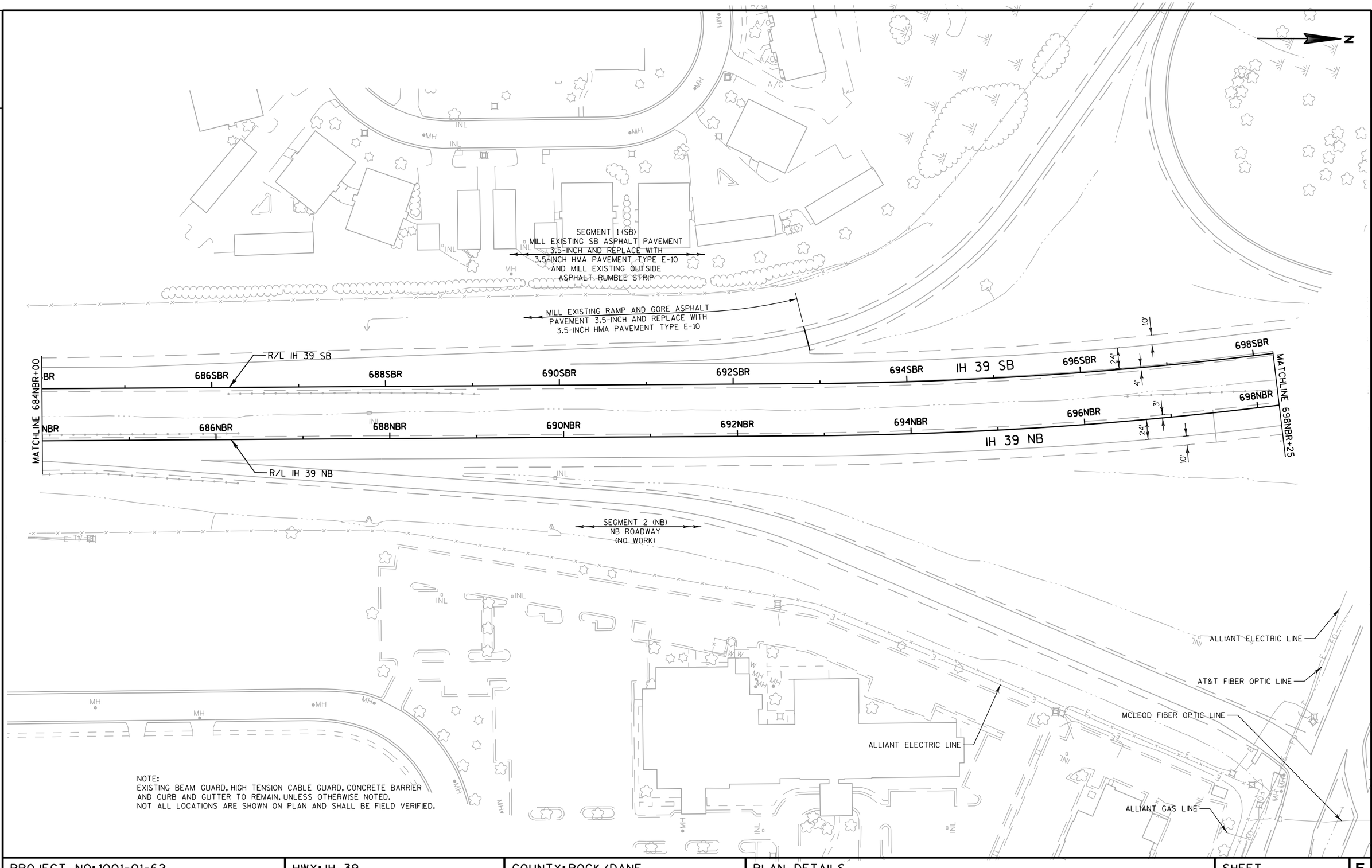
NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 39	E

2



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 40	E

2

ALLIANT ELECTRIC LINE

HUMES RD. (USH 14) EB

HUMES RD. (USH 14) WB

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

EXISTING CONCRETE BRIDGE DECK
WITH ASPHALT OVERLAY TO REMAIN
(NO WORK)

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

MILL EXISTING RAMP AND GORE ASPHALT
PAVEMENT 3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

STRUCTURE B-53-65
SB OVER HUMES RD. (USH 14)

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

MATCHLINE 698NBR+25

700SBR 702SBR 704SBR 706SBR IH 39 SB 708SBR 710SBR 712SBR

MATCHLINE 713NBR+00

R/L IH 39 SB

10' 24' 4'

700NBR 702NBR 704NBR 706NBR 708NBR 710NBR 712NBR

IH 39 NB

3' 24' 10'

R/L IH 39 NB

ROUT AND SEAL CONCRETE ABUTMENT JOINT

ROUT AND SEAL CONCRETE ABUTMENT JOINT

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

AT&T FIBER OPTIC LINE

STRUCTURE B-53-66
NB OVER HUMES RD. (USH 14)

SEGMENT 2 (NB)
NB ROADWAY
(NO WORK)

WISDOT COMMUNICATION LINE

ALLIANT GAS LINE

MCLEOD FIBER OPTIC LINE

KENTUCKY DATA LINK COMMUNICATION LINE

ALLIANT ELECTRIC LINE

ALLIANT GAS LINE

DEERFIELD DR.

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 41	E

2

MILL EXISTING RAMP AND GORE ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10 AND MILL EXISTING OUTSIDE ASPHALT RUMBLE STRIP

R/L IH 39 SB

MATCHLINE 713NBR+00

714SBR 716SBR 718SBR 720SBR 722SBR 724SBR 726SBR

MATCHLINE 728NBR+00

714NBR 716NBR 718NBR 720NBR 722NBR 724NBR 726NBR

IH 39 SB

IH 39 NB

R/L IH 39 NB

10' 36' 4' 3' 36' 10'

SEGMENT 2 (NB)
NB ROADWAY
(NO WORK)

ALLIANT GAS LINE

ALLIANT ELECTRIC LINE

KENTUCKY DATA LINK COMMUNICATION LINE

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 42	E

2

CITY OF JANESVILLE WATER LINE

CITY OF JANESVILLE SEWER LINE

MILTON AVE. (STH 26)

N

ALLIANT ELECTRIC LINE

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

EXISTING CONCRETE BRIDGE
DECK WITH ASPHALT
OVERLAY TO REMAIN

MILL EXISTING RAMP AND GORE ASPHALT
PAVEMENT 3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

STRUCTURE B-53-85 SB OVER
MILTON AVE. (STH 26)

AT&T FIBER
OPTIC LINE

ROUT AND SEAL CONCRETE ABUTMENT JOINT

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

R/L IH 39 SB

728SBR 730SBR 732SBR 734SBR 736SBR 738SBR 740SBR 742SBR

IH 39 SB

10"
24"
4"

MATCHLINE 728NBR+00

728NBR 730NBR 732NBR 734NBR 736NBR 738NBR 740NBR 742NBR

3"
24"
10"

IH 39 NB

MATCHLINE 743NBR+00

R/L IH 39 NB

SEGMENT 2 (NB)
NB ROADWAY
(NO WORK)

STRUCTURE B-53-86 NB OVER
MILTON AVE. (STH 26)

ALLIANT GAS LINE

U/C

ALLIANT GAS LINE

ALLIANT ELECTRIC LINE

WE ENERGIES GAS LINE

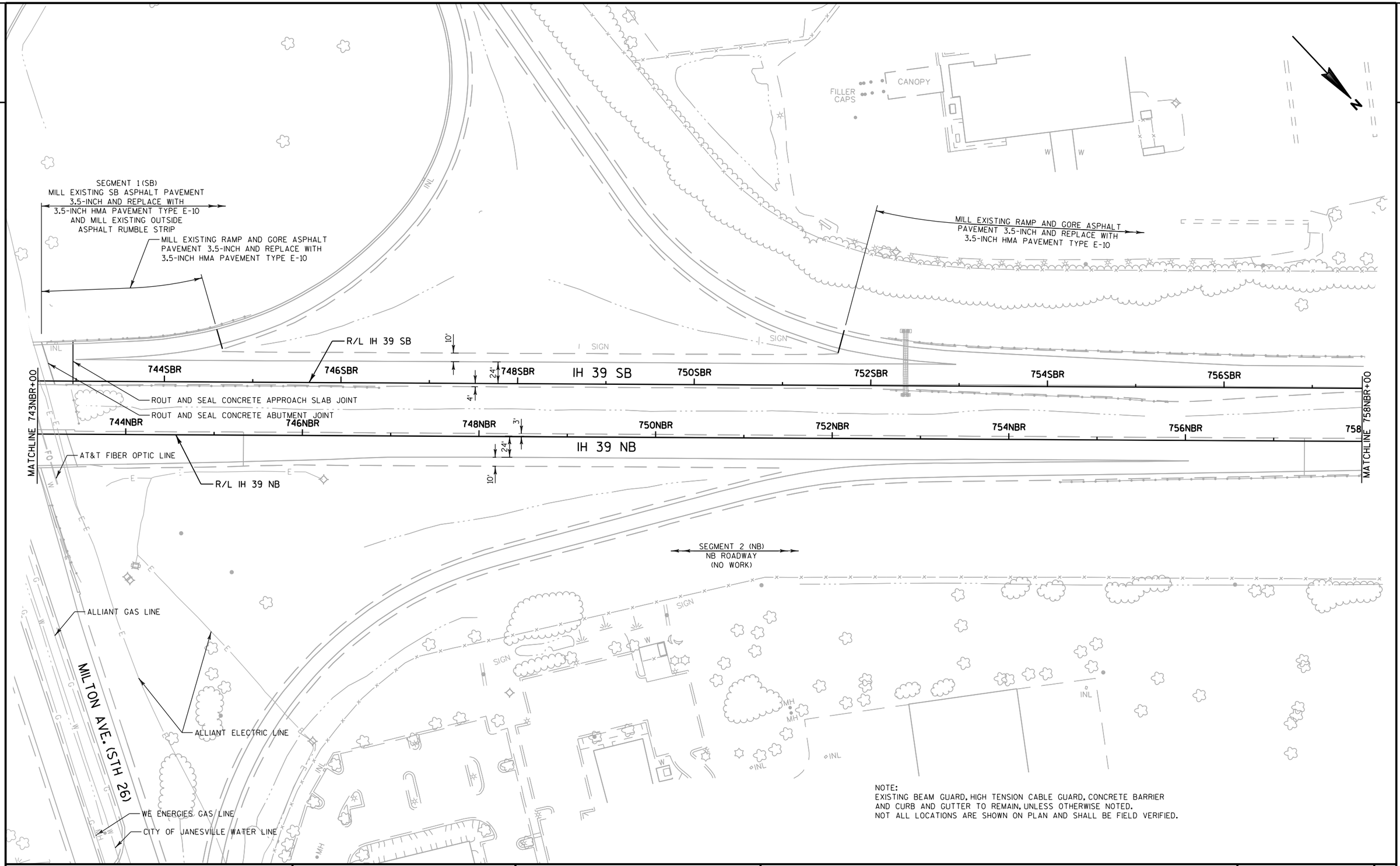
NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 43	E

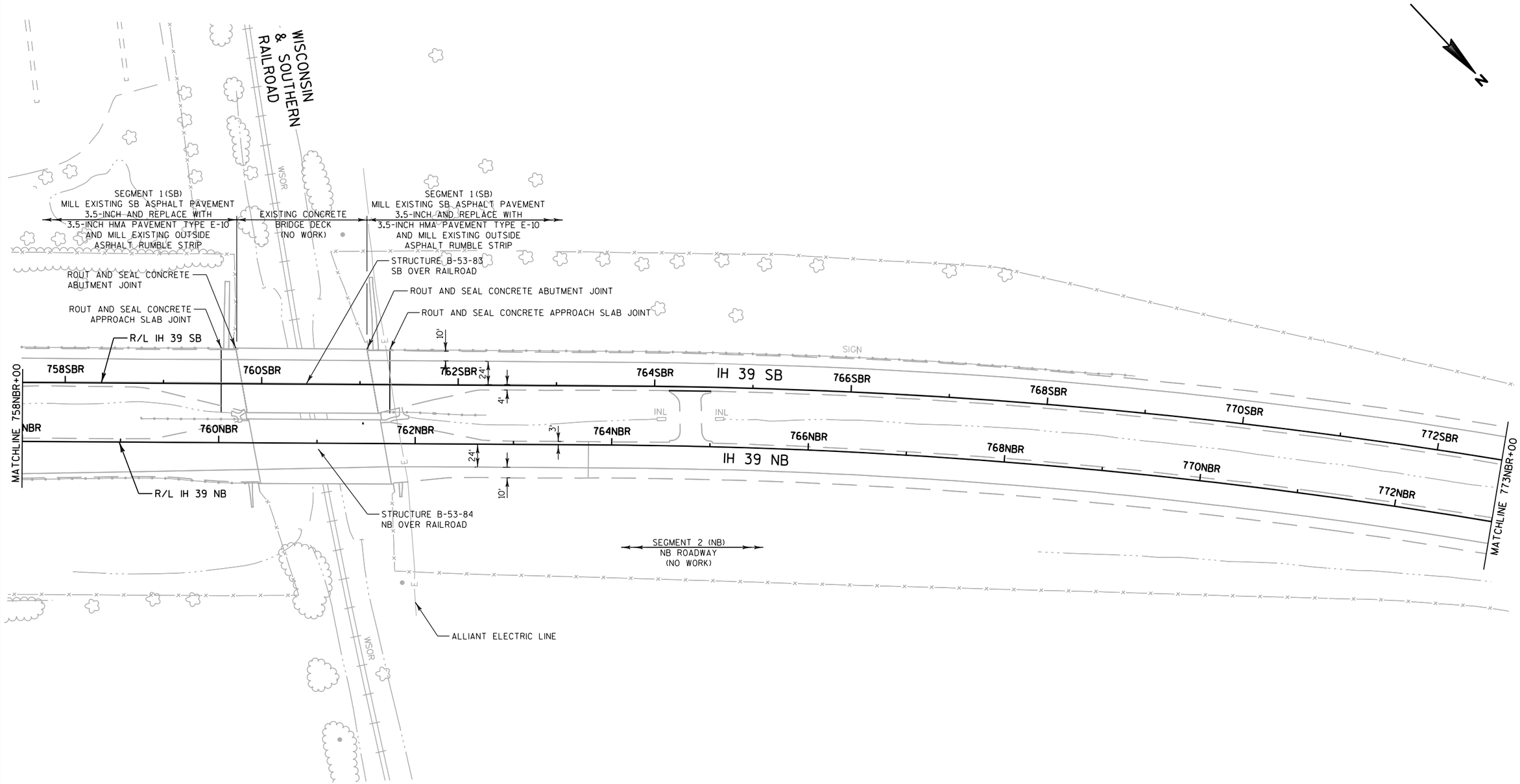
2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 44	E

2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 45	E

2

N

INL

INL

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

SIGN

SIGN

SIGN

SIGN

SIGN

R/L IH 39 SB

R/L IH 39 NB

MATCHLINE 773NBR+00

MATCHLINE 787NBR+00

774SBR 776SBR 778SBR 780SBR 782SBR 784SBR 786SBR

IH 39 SB

774NBR 776NBR 778NBR 780NBR 782NBR 784NBR 786NBR

IH 39 NB

10'
24'
4'
3'
24'
10'

ANR PIPELINE CO. GAS LINE

SEGMENT 2 (NB)
NB ROADWAY
(NO WORK)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 46	E

2

OLD KENNEDY RD.

N

U/C

U/C

U/C

U/C

MH

INL

ROCK COUNTY ELECTRIC LINE

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

EXISTING CONCRETE
BRIDGE DECK
(NO WORK)

SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

ROUT AND SEAL CONCRETE ABUTMENT JOINT

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

STRUCTURE B-53-81
SB OVER KENNEDY RD.

ROUT AND SEAL CONCRETE ABUTMENT JOINT

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

R/L IH 39 SB

IH 39 SB

788SBR
790SBR
792SBR
794SBR
796SBR
798SBR
800SBR
801NBR+00

4'
10'
24'

788NBR
790NBR
792NBR
794NBR
796NBR
798NBR
800NBR

3'

IH 39 NB

MATCHLINE 787NBR+00

MATCHLINE 801NBR+00

R/L IH 39 NB

STRUCTURE B-53-82
NB OVER KENNEDY RD.

SEGMENT 2 (NB)
NB ROADWAY
(NO WORK)

KENNEDY RD.

BRENTWOOD DR.

SIGN

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 47	E

2

N

MH
INL
U/C
E
ROCK COUNTY ELECTRIC LINE
SIGN
R/L IH 39 SB
802SBR
804SBR
806SBR
808SBR
810SBR
812SBR
814SBR
816SBR
IH 39 SB
10'
24'
4'
SEGMENT 1 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP
+00
SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)
MAINTENANCE CROSSOVER
BUTT JOINT
MATCHLINE 816NBR+00
MATCHLINE 801NBR+00
802NBR
804NBR
806NBR
808NBR
810NBR
812NBR
814NBR
816NBR
IH 39 NB
3'
R/L IH 39 NB
EXISTING
3' INSIDE MONOLITHIC
CONCRETE SHOULDER
SEGMENT 2 (NB)
NB ROADWAY
(NO WORK)
+00
ASPHALT
BUTT JOINT
SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH
AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10
(10-FT. x 6-FT. AT 60-FT. SPACING)
KENNEDY RD.

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 48	E

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

SIGN

R/L IH 39 SB

10'

24'

4'

818SBR 820SBR 822SBR 824SBR 826SBR 828SBR IH 39 SB 830SBR

MATCHLINE 816NBR+00

818NBR 820NBR 822NBR 824NBR 826NBR 828NBR IH 39 NB 830NBR

MATCHLINE 831NBR+00

3'

24'

10'

R/L IH 39 NB

EXISTING
3' INSIDE MONOLITHIC CONCRETE SHOULDER

SIGN

SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH
AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10
(10-FT. x 6-FT. AT 60-FT. SPACING)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 49	E

2

N

POOL

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

SIGN

R/L IH 39 SB

INL

SIGN

10'

24'

4'

832SBR 834SBR 836SBR 838SBR 840SBR 842SBR IH 39 SB 844SBR 846

INL

INL

MATCHLINE 831NBR+00

MATCHLINE 846NBR+00

832NBR 834NBR 836NBR 838NBR 840NBR 842NBR IH 39 NB 844NBR 846N

3'

24'

10'

R/L IH 39 NB

EXISTING
3' INSIDE MONOLITHIC CONCRETE SHOULDER

SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH
AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10
(10-FT. x 6-FT. AT 60-FT. SPACING)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 50	E

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

INL INL

R/L IH 39 SB

SIGN

SBR 848SBR 850SBR IH 39 SB 852SBR 854SBR 856SBR 858SBR 860SBR

10'
2.4'
4'

MATCHLINE 846NBR+00

MATCHLINE 861NBR+00

6NBR 848NBR 850NBR 852NBR 854NBR 856NBR 858NBR 860NBR

IH 39 NB

3'
2.4'
10'

R/L IH 39 NB

EXISTING
3' INSIDE MONOLITHIC CONCRETE SHOULDER

SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH
AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10
(10-FT. x 6-FT. AT 60-FT. SPACING)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 51	E

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

R/L IH 39 SB

SIGN

862SBR 864SBR IH 39 SB 866SBR 868SBR 870SBR 872SBR 874SBR 876

10'
24'
4'

MATCHLINE 86INBR+00

MATCHLINE 876NBR+00

862NBR 864NBR 866NBR 868NBR 870NBR 872NBR 874NBR 876

IH 39 NB

3'
24'
10'

R/L IH 39 NB

EXISTING
3' INSIDE MONOLITHIC CONCRETE SHOULDER

SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH
AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10
(10-FT. x 6-FT. AT 60-FT. SPACING)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

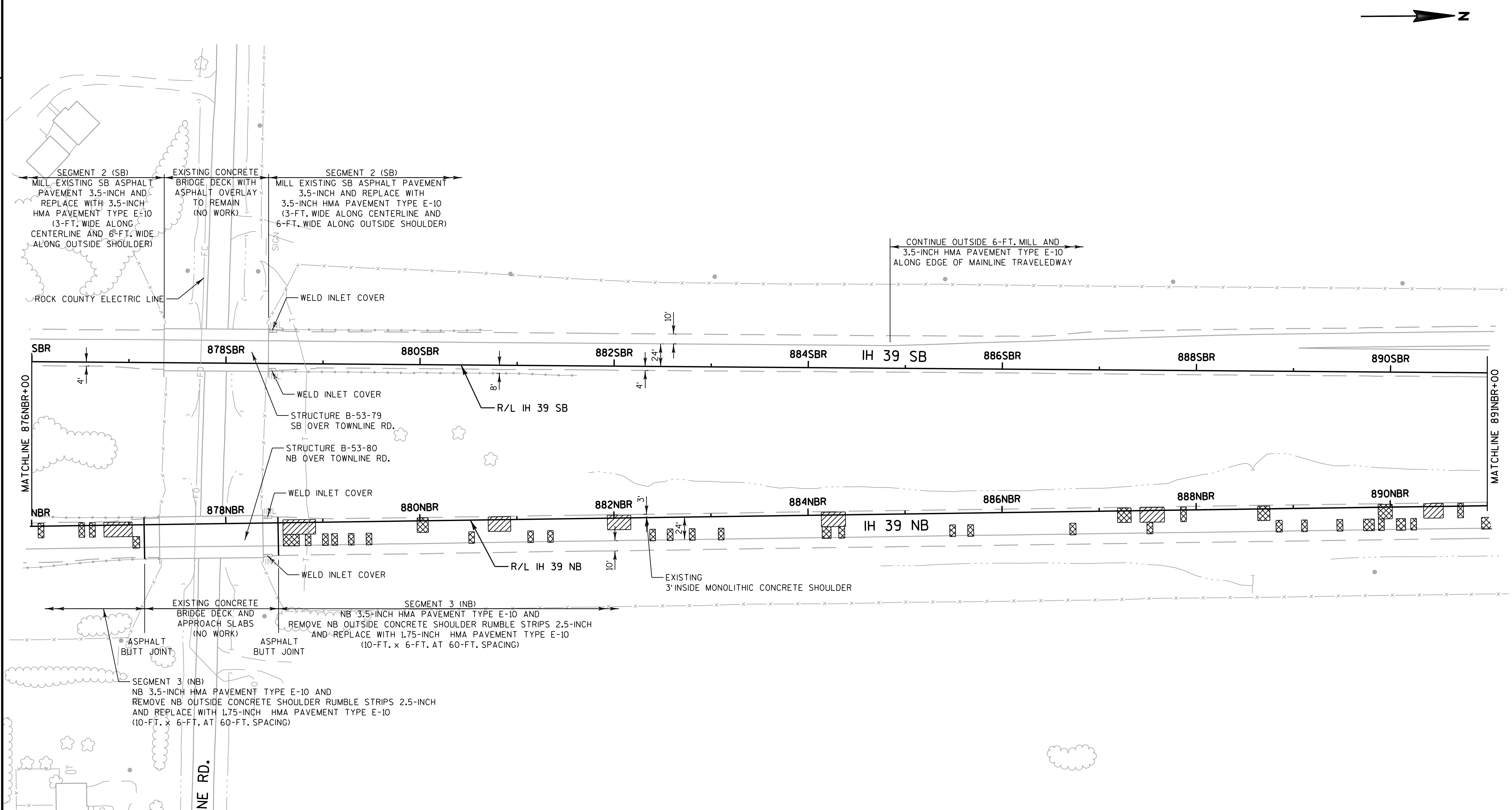
LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 52	E

2


N
SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10 (3-FT. WIDE ALONG CENTERLINE AND 6-FT. WIDE ALONG OUTSIDE SHOULDER)
EXISTING CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY TO REMAIN (NO WORK)
SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10 (3-FT. WIDE ALONG CENTERLINE AND 6-FT. WIDE ALONG OUTSIDE SHOULDER)
CONTINUE OUTSIDE 6-FT. MILL AND 3.5-INCH HMA PAVEMENT TYPE E-10 ALONG EDGE OF MAINLINE TRAVELEDWAY
ROCK COUNTY ELECTRIC LINE
WELD INLET COVER
SBR
878SBR
880SBR
882SBR
884SBR
IH 39 SB
886SBR
888SBR
890SBR
10'
24'
4'
8'
WELD INLET COVER
STRUCTURE B-53-79 SB OVER TOWNLINE RD.
R/L IH 39 SB
STRUCTURE B-53-80 NB OVER TOWNLINE RD.
MATCHLINE 876NBR+00
MATCHLINE 891NBR+00
WELD INLET COVER
NBR
878NBR
880NBR
882NBR
884NBR
886NBR
888NBR
890NBR
IH 39 NB
3'
24'
10'
WELD INLET COVER
R/L IH 39 NB
EXISTING 3' INSIDE MONOLITHIC CONCRETE SHOULDER
EXISTING CONCRETE BRIDGE DECK AND APPROACH SLABS (NO WORK)
SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10 (10-FT. x 6-FT. AT 60-FT. SPACING)
ASPHALT BUTT JOINT
ASPHALT BUTT JOINT
SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10 (10-FT. x 6-FT. AT 60-FT. SPACING)
TOWNLINE RD.

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

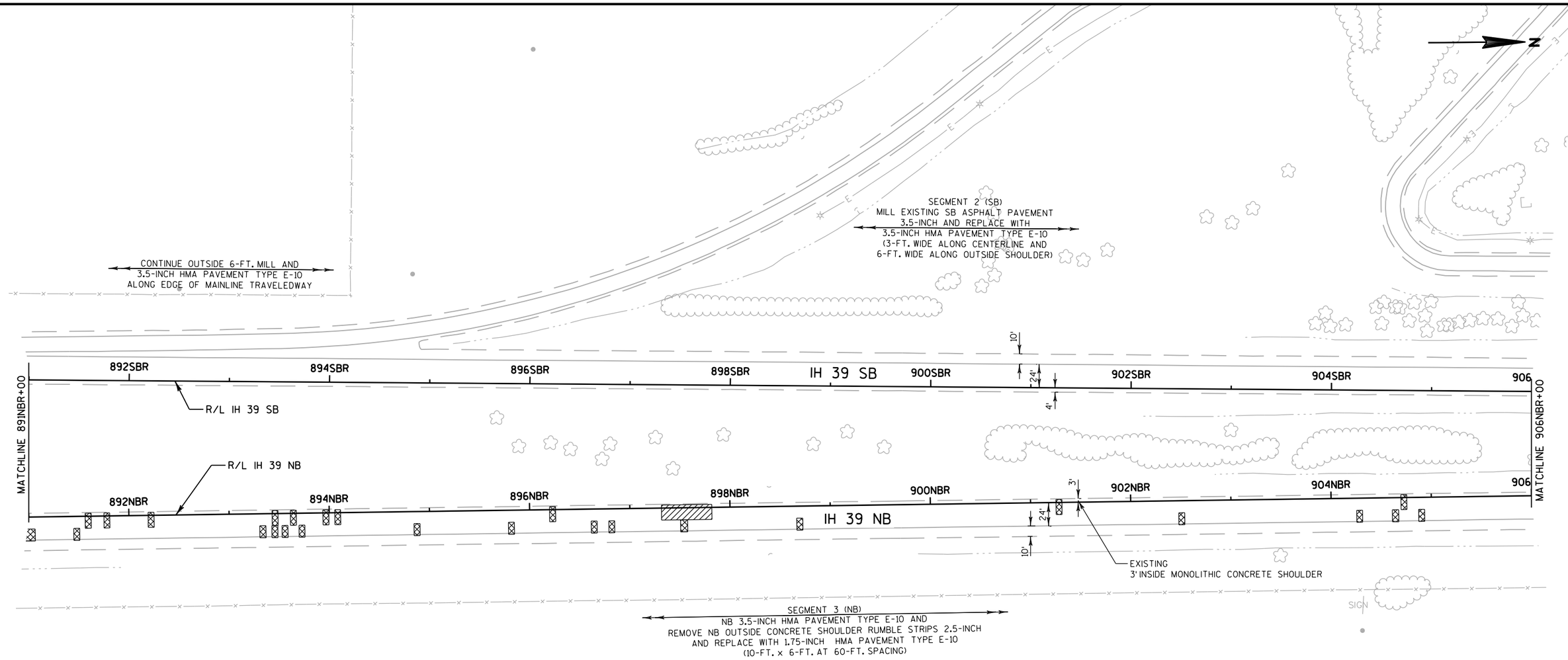
- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 53	E

FILE NAME : \\modw00\ingrproj\56199\t1\cds\021218_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1 WISDOT/CADDS SHEET 42

2

2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

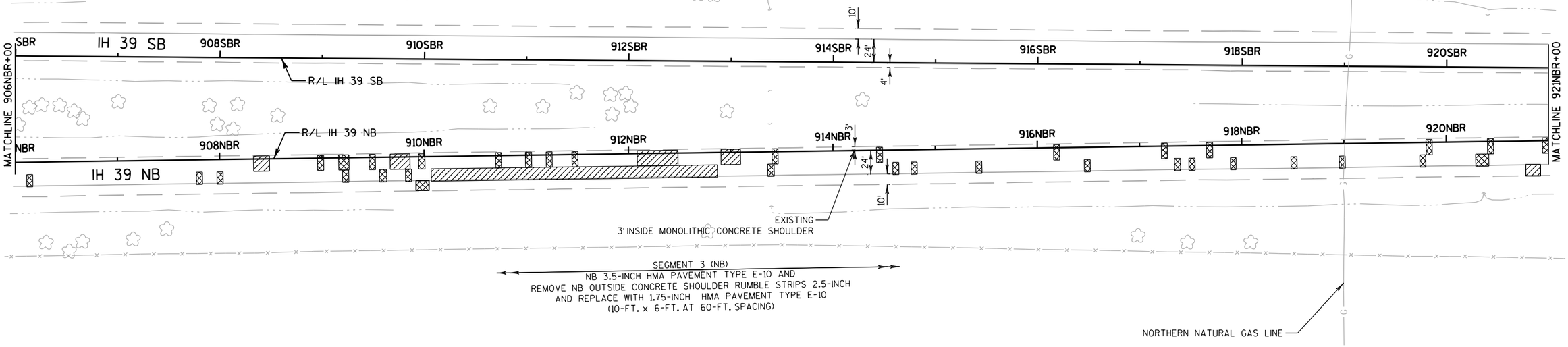
LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

2

N

CENTURY LINK COMMUNICATIONS LINE

ANT.

MANOGUE RD.

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

CONTINUE OUTSIDE 6-FT. MILL AND
3.5-INCH HMA PAVEMENT TYPE E-10
ALONG EDGE OF MAINLINE TRAVELEDWAY

STRUCTURE B-53-78

SIGN

MATCHLINE 921NBR+00

922SBR IH 39 SB 924SBR 926SBR 928SBR 930SBR 932SBR 934SBR 936

R/L IH 39 SB

MAINTENANCE CROSSOVER
BUTT JOINT

922NBR IH 39 NB 924NBR 926NBR 928NBR 930NBR 932NBR 934NBR 936

R/L IH 39 NB

MATCHLINE 936NBR+00

10'

24'

4'

3'

2'

10'

100'

100'

EXISTING
3' INSIDE MONOLITHIC CONCRETE SHOULDER

STA. 928NBR+65 TO STA. 930NBR+25, RT.
ADJUST STEEL PLATE BEAM GUARD

SIGN

SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10

NO HMA OVERLAY

SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10

+75
ASPHALT
BUTT JOINT

+05
ASPHALT
BUTT JOINT

REMOVE NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS 2.5-INCH
AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10
(10-FT. x 6-FT. AT 60-FT. SPACING)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

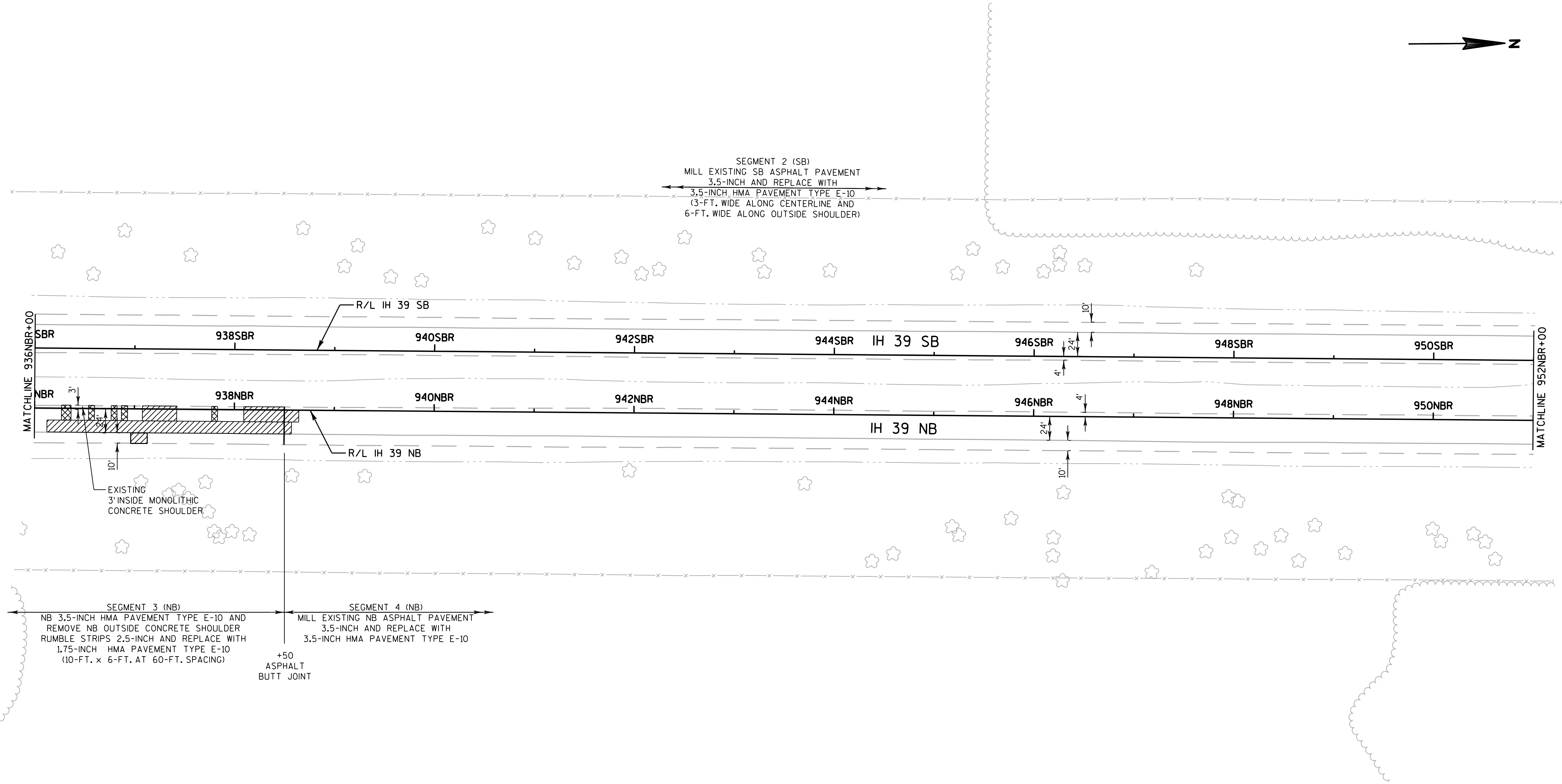
LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 56	E

2



N
SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)
R/L IH 39 SB
MATCHLINE 936NBR+00
SBR
938SBR
940SBR
942SBR
944SBR
IH 39 SB
946SBR
948SBR
950SBR
MATCHLINE 952NBR+00
NBR
938NBR
940NBR
942NBR
944NBR
946NBR
948NBR
950NBR
IH 39 NB
R/L IH 39 NB
3'
24'
10'
4'
EXISTING
3' INSIDE MONOLITHIC
CONCRETE SHOULDER
SEGMENT 3 (NB)
NB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE NB OUTSIDE CONCRETE SHOULDER
RUMBLE STRIPS 2.5-INCH AND REPLACE WITH
1.75-INCH HMA PAVEMENT TYPE E-10
(10-FT. x 6-FT. AT 60-FT. SPACING)
+50
ASPHALT
BUTT JOINT
SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO:1001-01-62	HWY:IH 39	COUNTY:ROCK/DANE	PLAN DETAILS	SHEET 57	E

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

MATCHLINE 952NBR+00

952SBR 954SBR 956SBR 958SBR IH 39 SB 960SBR 962SBR 964SBR 966

R/L IH 39 SB

952NBR 954NBR 956NBR 958NBR 960NBR 962NBR 964NBR 966

IH 39 NB

R/L IH 39 NB

MATCHLINE 966NBR+00

10' 4' 2% 4' 2% 10'

INL

SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

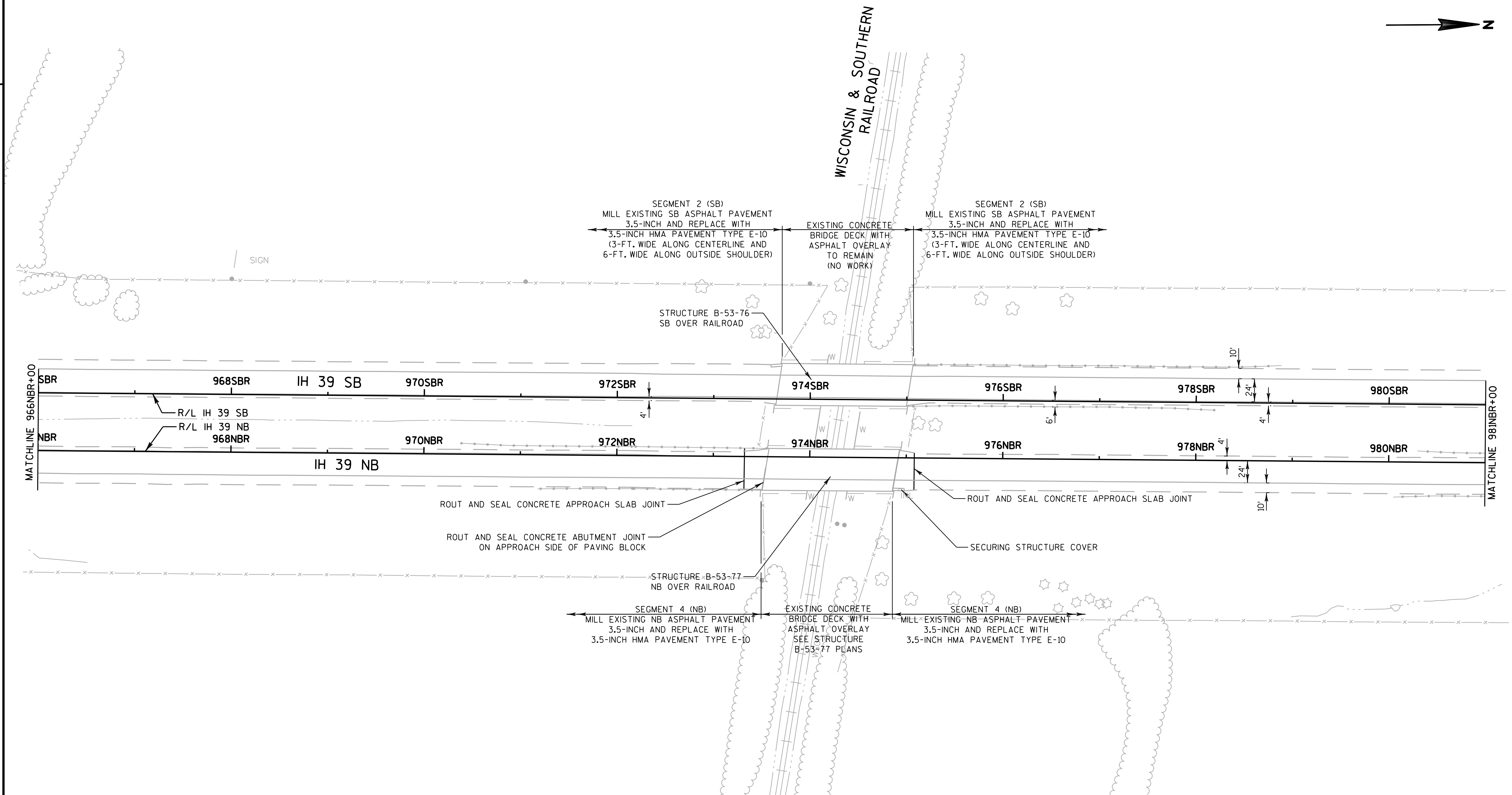
SIGN

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 58	E


WISCONSIN & SOUTHERN RAILROAD
SEGMENT 2 (SB) MILL EXISTING SB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10 (3-FT. WIDE ALONG CENTERLINE AND 6-FT. WIDE ALONG OUTSIDE SHOULDER)
EXISTING CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY TO REMAIN (NO WORK)
SEGMENT 2 (SB) MILL EXISTING SB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10 (3-FT. WIDE ALONG CENTERLINE AND 6-FT. WIDE ALONG OUTSIDE SHOULDER)
SIGN
STRUCTURE B-53-76 SB OVER RAILROAD
MATCHLINE 966NBR+00
IH 39 SB
968SBR
970SBR
972SBR
974SBR
976SBR
978SBR
980SBR
R/L IH 39 SB
R/L IH 39 NB
968NBR
970NBR
972NBR
974NBR
976NBR
978NBR
980NBR
IH 39 NB
MATCHLINE 981NBR+00
ROUT AND SEAL CONCRETE APPROACH SLAB JOINT
ROUT AND SEAL CONCRETE ABUTMENT JOINT ON APPROACH SIDE OF PAVING BLOCK
ROUT AND SEAL CONCRETE APPROACH SLAB JOINT
SECURING STRUCTURE COVER
STRUCTURE B-53-77 NB OVER RAILROAD
SEGMENT 4 (NB) MILL EXISTING NB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10
EXISTING CONCRETE BRIDGE DECK WITH ASPHALT OVERLAY SEE STRUCTURE B-53-77 PLANS
SEGMENT 4 (NB) MILL EXISTING NB ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10
N

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 59	E

FILE NAME : \\modw00\ingrproj\56199\t1\cds\021224_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

EXISTING CONCRETE
BRIDGE DECK WITH
ASPHALT OVERLAY
TO REMAIN
(NO WORK)

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

CENTURY LINK COMMUNICATIONS LINE

STRUCTURE B-53-74
SB OVER CTH M

SIGN

R/L IH 39 SB

MATCHLINE 981NBR+00

982SBR 984SBR 986SBR 988SBR IH 39 SB 990SBR 992SBR 994SBR 996

982NBR 984NBR 986NBR 988NBR 990NBR 992NBR 994NBR 996

MATCHLINE 996NBR+00

IH 39 NB

R/L IH 39 NB

ROUT AND SEAL CONCRETE APPROACH SLAB JOINT

ROUT AND SEAL CONCRETE ABUTMENT JOINT

ROUT AND SEAL CONCRETE
APPROACH SLAB JOINT

ROUT AND SEAL CONCRETE
ABUTMENT JOINT

STRUCTURE B-53-75
NB OVER CTH M

SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

EXISTING CONCRETE
BRIDGE DECK WITH
ASPHALT OVERLAY
SEE STRUCTURE
B-53-75 PLANS

SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

CTH M

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

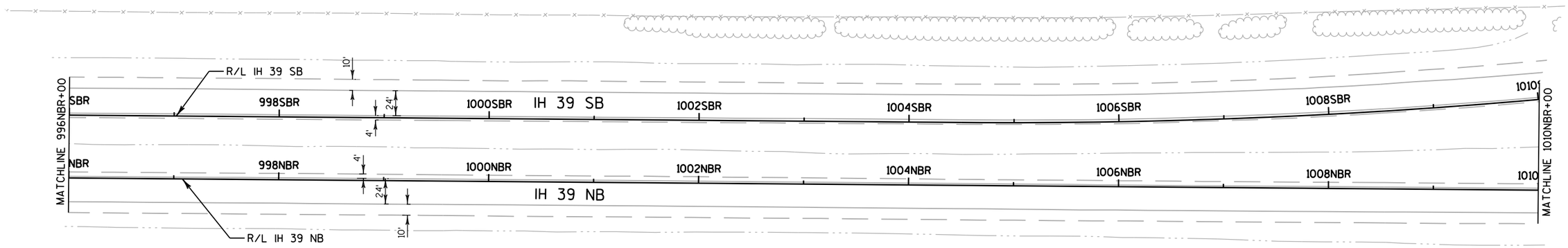
SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 60	E

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)



SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

SIGN

1012SBR 1014SBR 1016SBR 1018SBR IH 39 SB 1020SBR 1022SBR 1024SBR

10' 24' 4'

R/L IH 39 SB

MATCHLINE 1025NBR+00

MATCHLINE 1010NBR+00

1012NBR 1014NBR 1016NBR 1018NBR 1020NBR 1022NBR 1024NBR

R/L IH 39 NB

4' 24' 10'

IH 39 NB

SIGN

SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

1026SBR 1028SBR 1030SBR IH 39 SB 1032SBR 1034SBR 1036SBR 1038SBR

10'
24'
4'

R/L IH 39 SB

MATCHLINE 1025NBR+00

MATCHLINE 1039NBR+50

R/L IH 39 NB

1026NBR 1028NBR 1030NBR 1032NBR 1034NBR 1036NBR 1038NBR

4'
24'
10'

IH 39 NB

SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

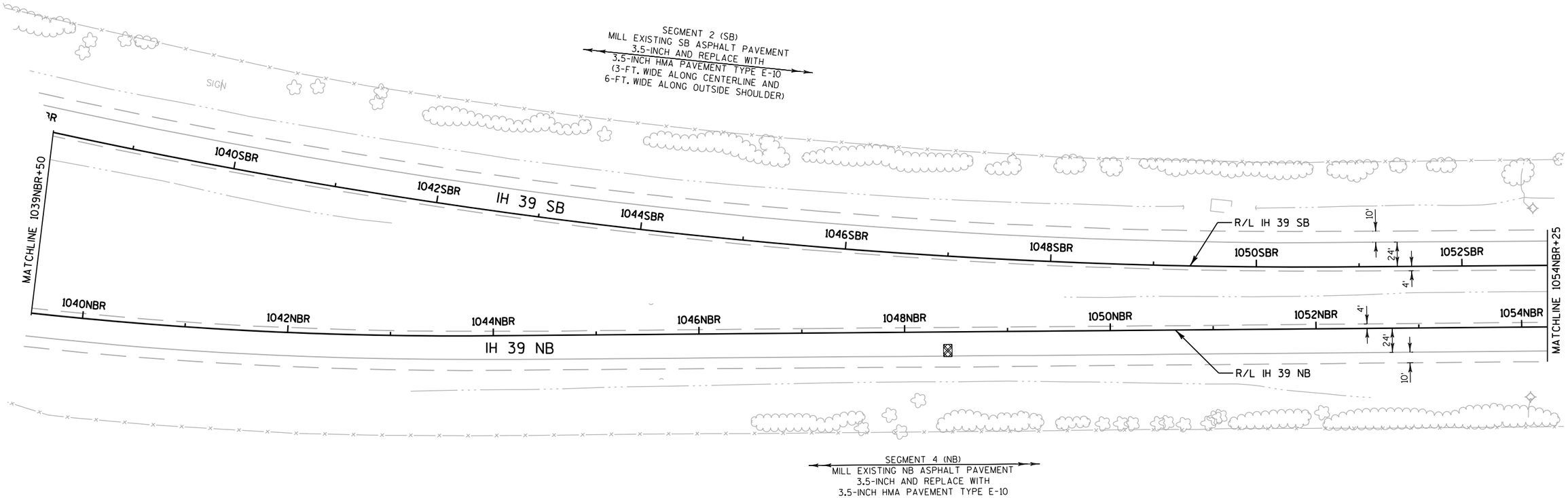
LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 63	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\021228_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1

2

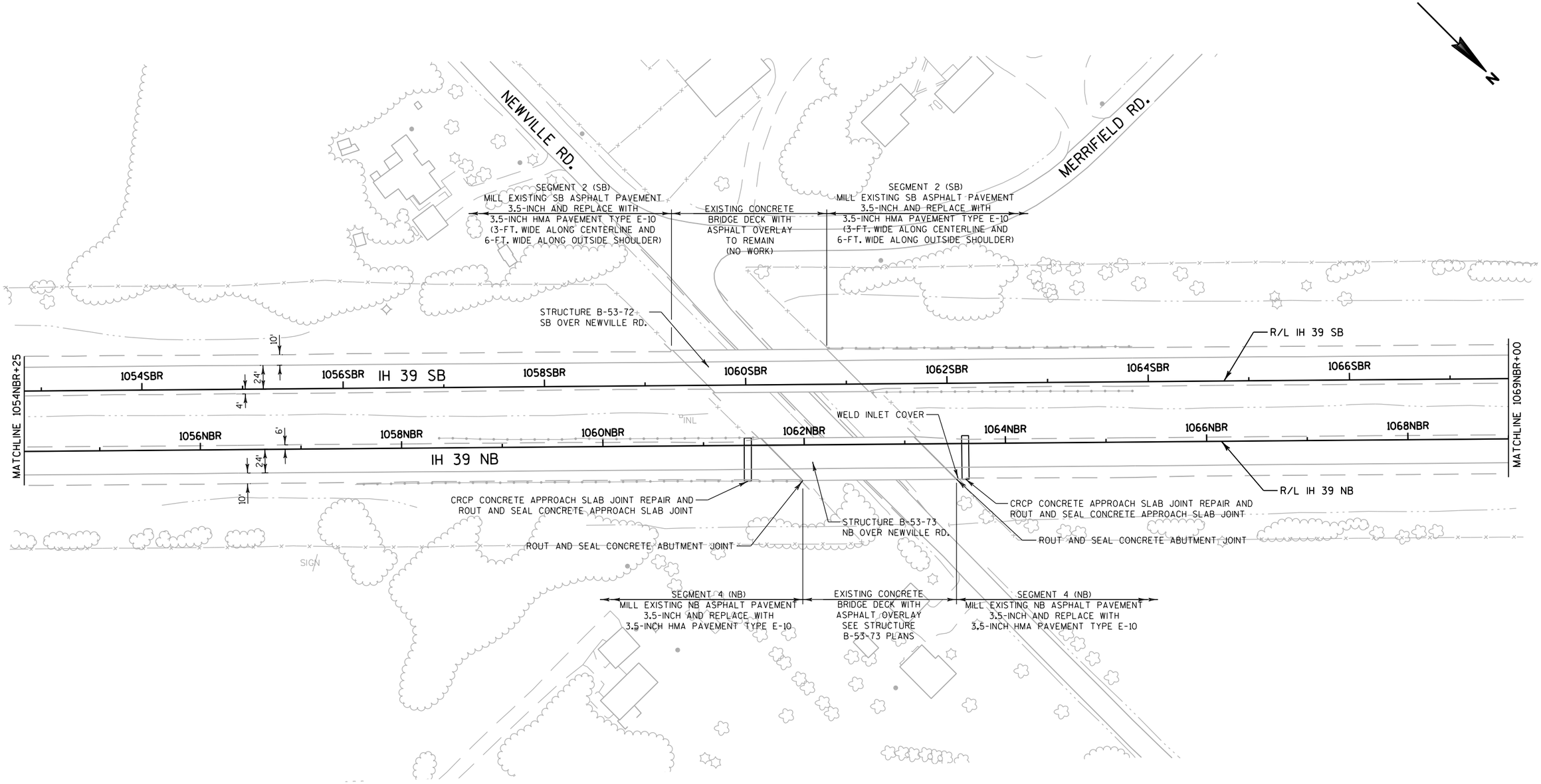


NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

2

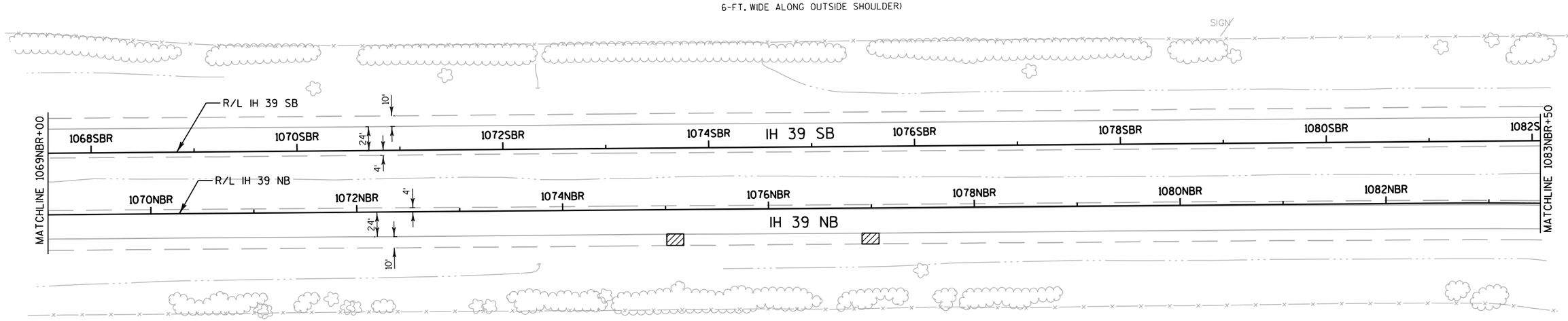


NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

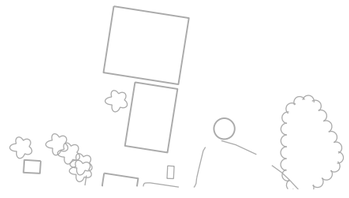
2

N

SEGMENT 2 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)



SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

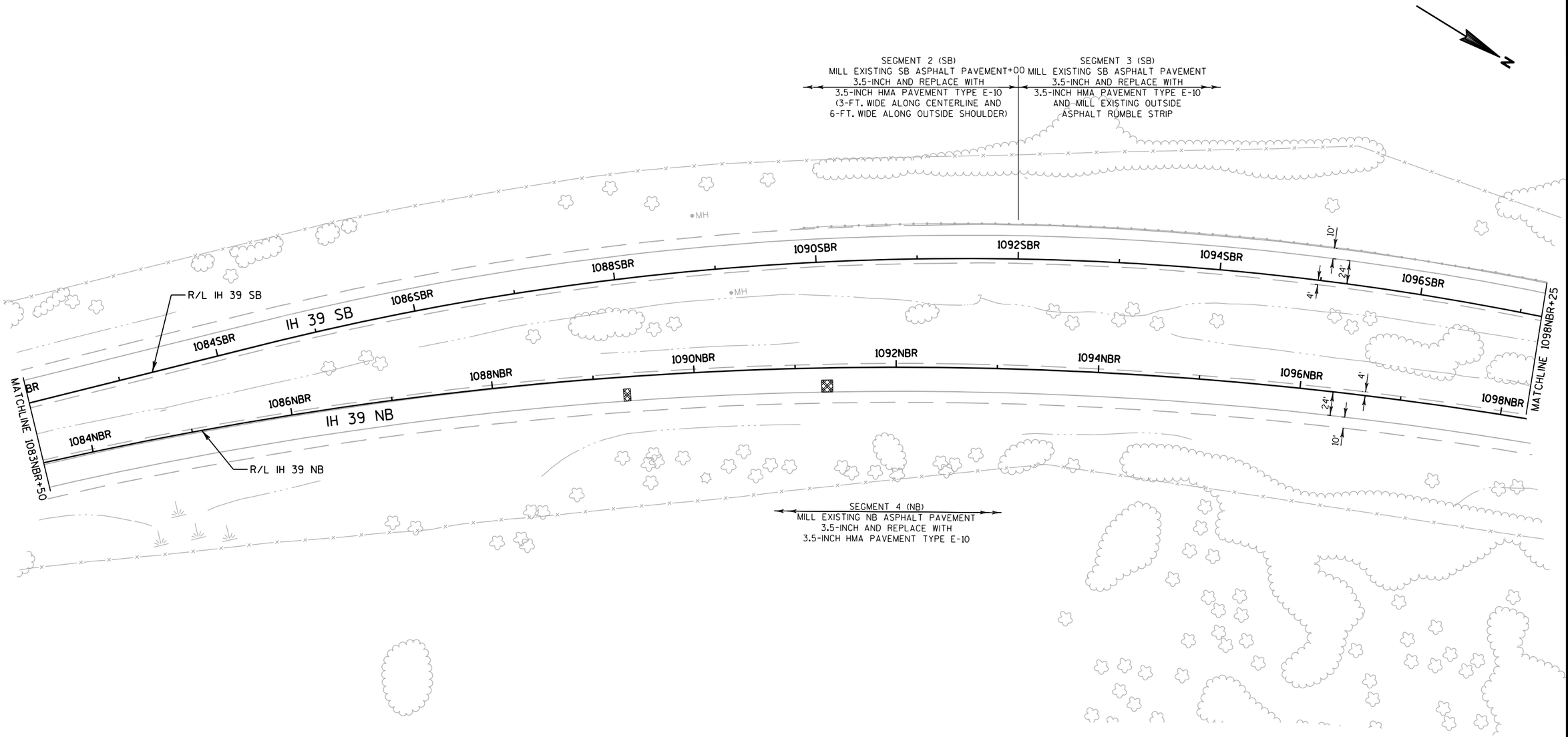


NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 67	E

2

N

SEGMENT 3 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
AND MILL EXISTING OUTSIDE
ASPHALT RUMBLE STRIP

MATCHLINE 1098NBR+25

1098SBR 1100SBR IH 39 SB 1102SBR 1104SBR 1106SBR 1108SBR 1110SBR 1112SBR

R/L IH 39 SB

MATCHLINE 1113NBR+00

1100NBR 1102NBR 1104NBR 1106NBR 1108NBR 1110NBR 1112NBR

IH 39 NB

R/L IH 39 NB

10' 24' 4' 4' 24' 10'

SIGN

SEGMENT 4 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10

SEPTIC

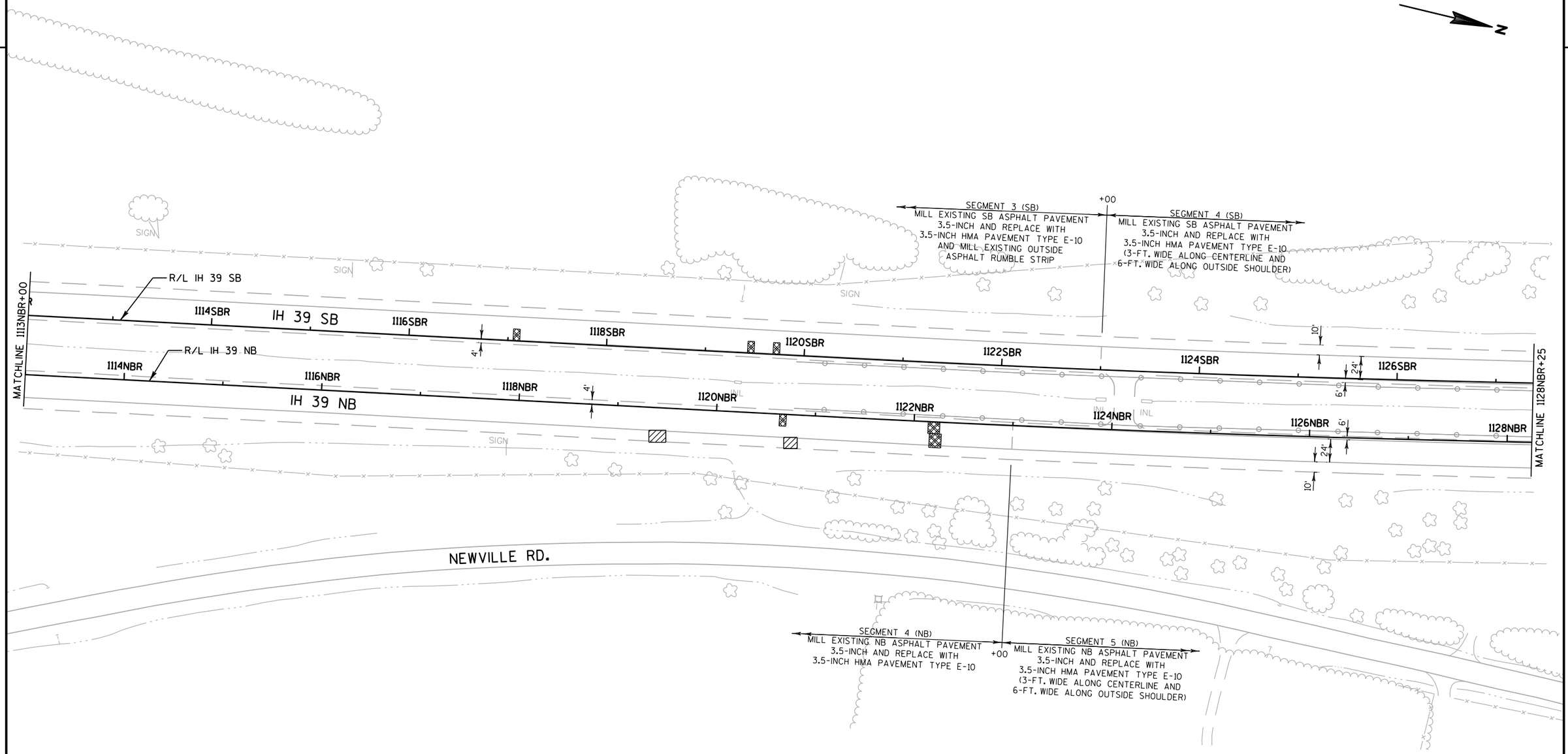
NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 68	E

2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 69	E

2

N

SEGMENT 4 (SB)
MILL EXISTING SB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

MATCHLINE 1128NBR+25

R/L IH 39 SB

1128SBR 1130SBR 1132SBR 1134SBR IH 39 SB 1136SBR 1138SBR 1140SBR 1142SBR

10' 24' 6'

R/L IH 39 NB

1130NBR 1132NBR 1134NBR 1136NBR 1138NBR 1140NBR 1142NBR

INL

6' 24' 10'

IH 39 NB

MATCHLINE 1143NBR+25

SIGN

SIGN

SEGMENT 5 (NB)
MILL EXISTING NB ASPHALT PAVEMENT
3.5-INCH AND REPLACE WITH
3.5-INCH HMA PAVEMENT TYPE E-10
(3-FT. WIDE ALONG CENTERLINE AND
6-FT. WIDE ALONG OUTSIDE SHOULDER)

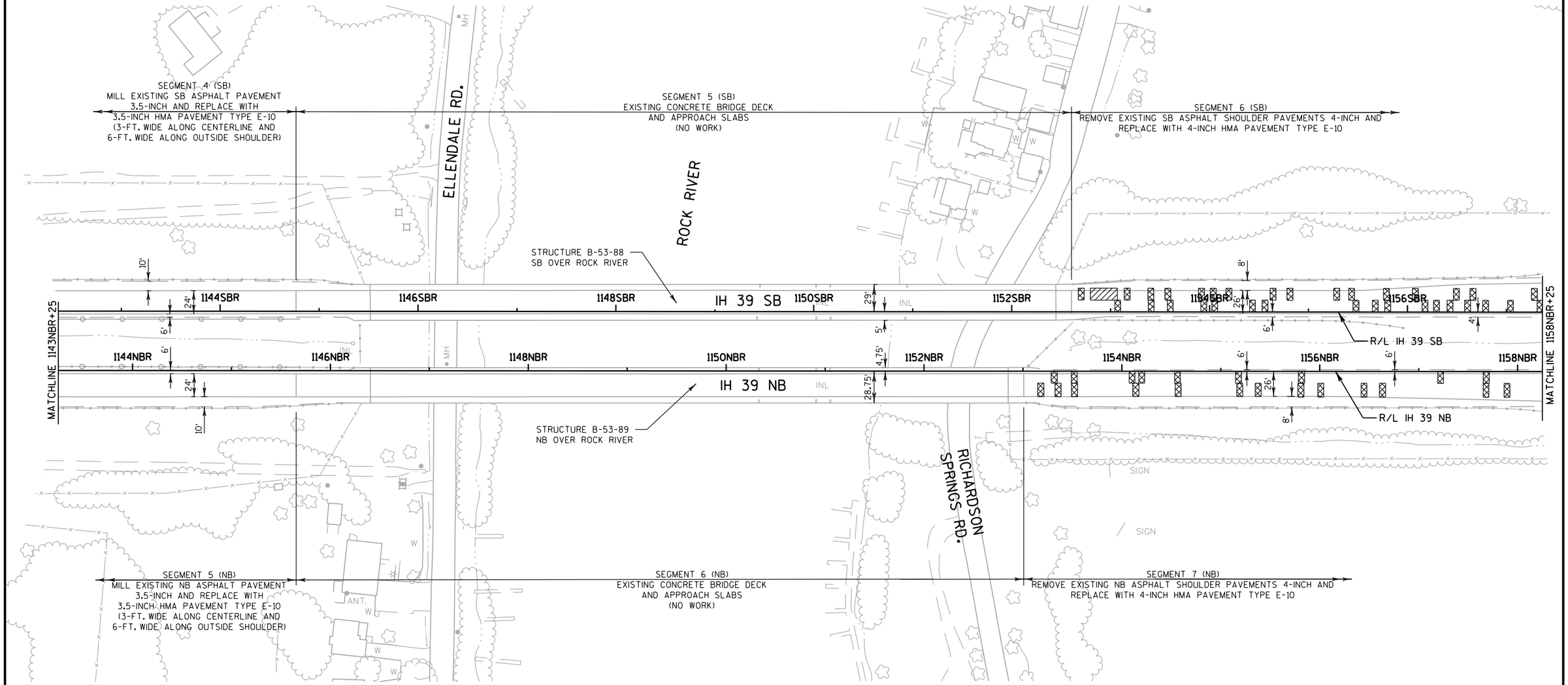
NEWVILLE RD.

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\021235_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1

2



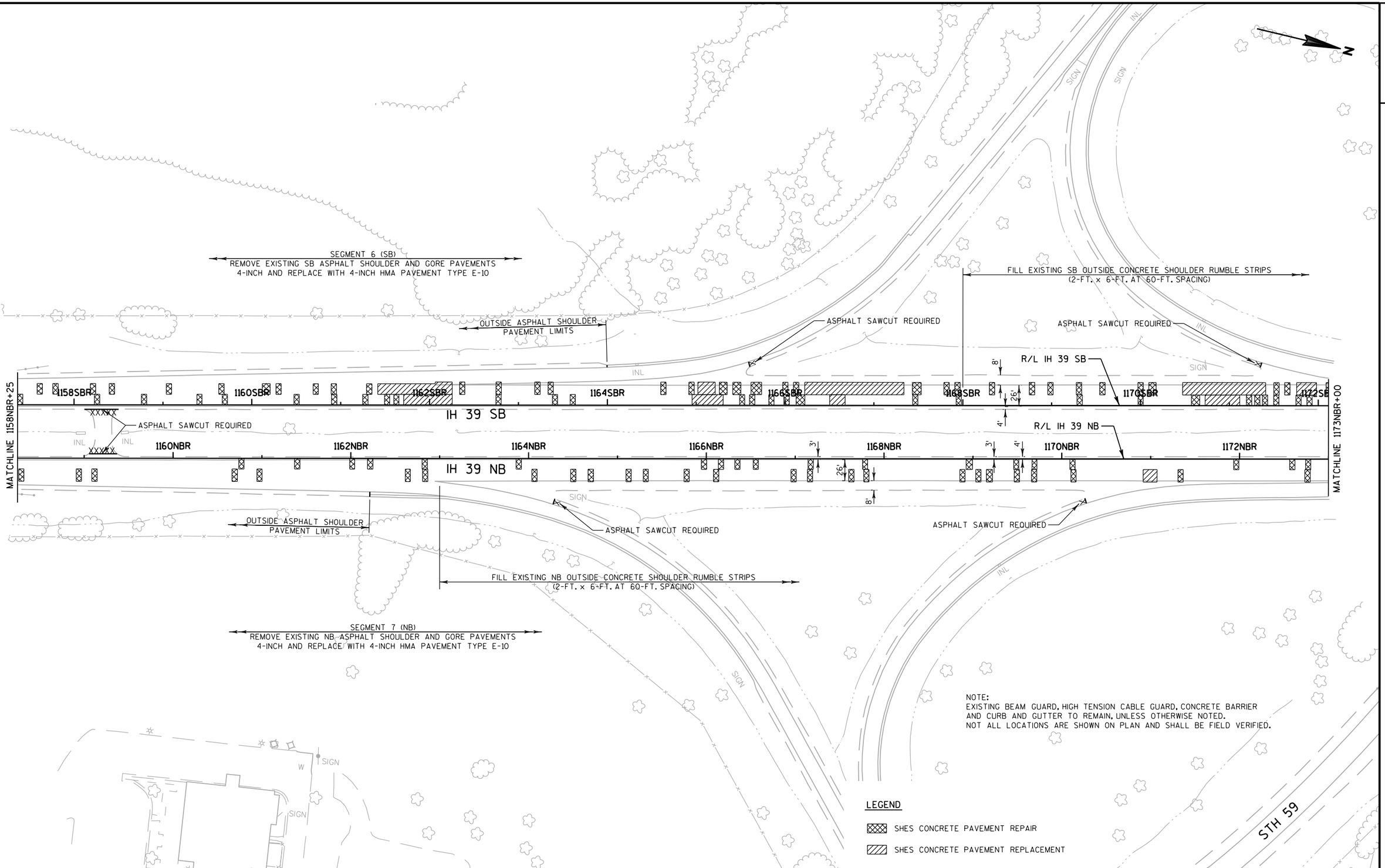
NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

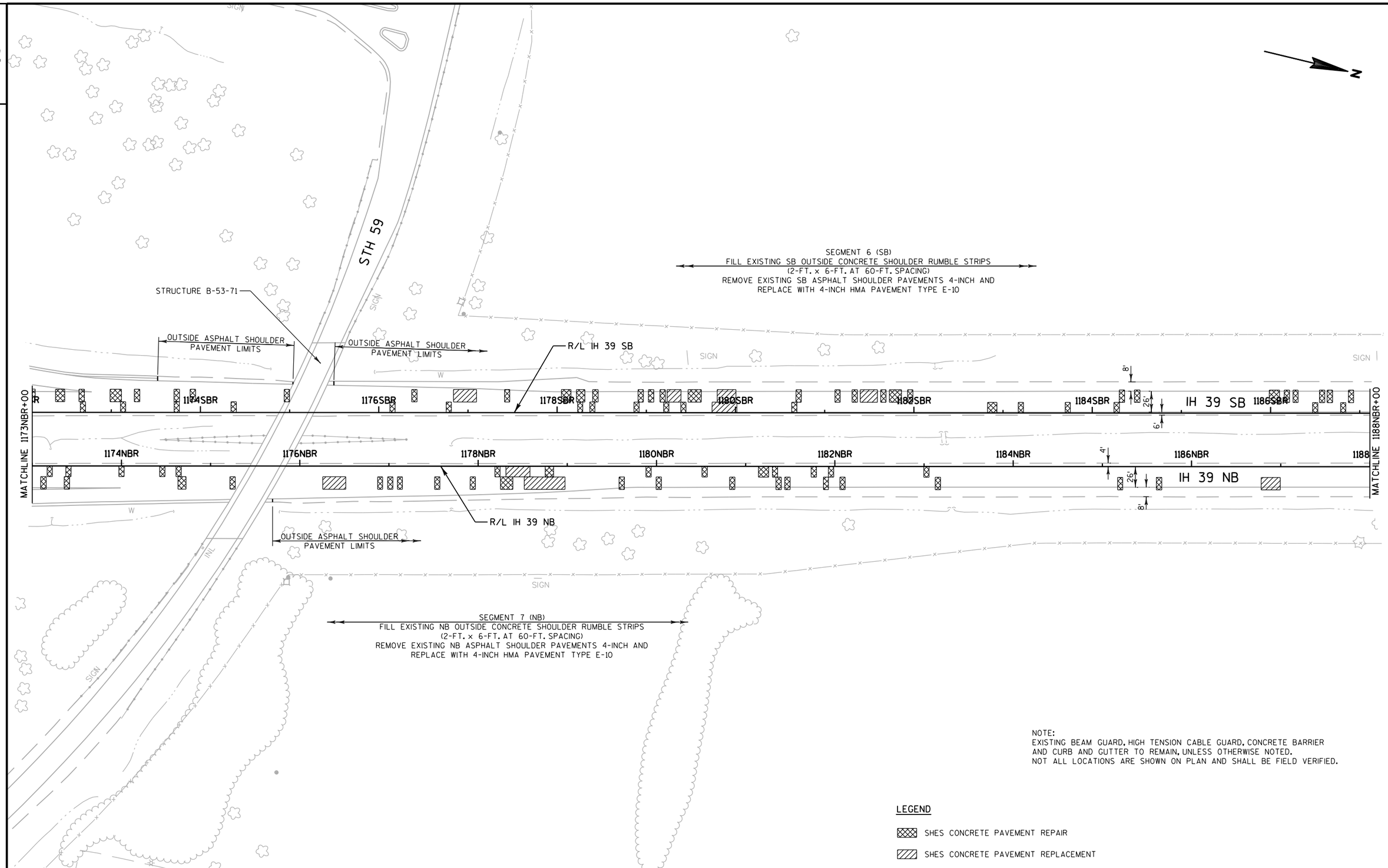
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 71	E

2



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 72	E

2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 73	E

2

N

SEGMENT 6 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

SIGN

R/L IH 39 SB

MATCHLINE 1188NBR+00

1188SBR 1190SBR 1192SBR 1194SBR IH 39 SB 1196SBR 1198SBR 1200SBR 1202SBR

8" 26" 6"

INL

1190NBR 1192NBR 1194NBR 1196NBR 1198NBR 1200NBR 1202NBR

IH 39 NB

4" 26" 8"

MATCHLINE 1203NBR+00

R/L IH 39 NB

W

SIGN

INL

GOEDE RD.

SEGMENT 7 (NB)
FILL EXISTING NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
REMOVE EXISTING NB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\021239_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1

2

N

SEGMENT 6 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

GOEDE RD.

+00
ASPHALT
BUTT JOINT

SEGMENT 7 (SB)
SB 3.5-INCH HMA PAVEMENT TYPE E-10

STATION EQUATION
STA. 1216SBR+88.00 BK. =
STA. 101SBD+40.50 AH.

STRUCTURE B-53-69

R/L IH 39 SB

SIGN

MATCHLINE 1203NBR+00

1204SBR 1206SBR 1208SBR IH 39 SB 1210SBR 1212SBR 1214SBR 1216SBR

10'
26'
6'

1204NBR 1206NBR 1208NBR 1210NBR 1212NBR 1214NBR 1216NBR

4'
26'
10'

IH 39 NB

R/L IH 39 NB

ASPHALT SAWCUT REQUIRED

STATION EQUATION
STA. 1217NBR+76.61 BK. =
STA 101NBD+40.61 AH.

MATCHLINE 1217NBR+76.61

ROCK COUNTY
DANE COUNTY

SEGMENT 7 (NB)
FILL EXISTING NB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
REMOVE EXISTING NB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

+00

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

ATHLETIC FIELD

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

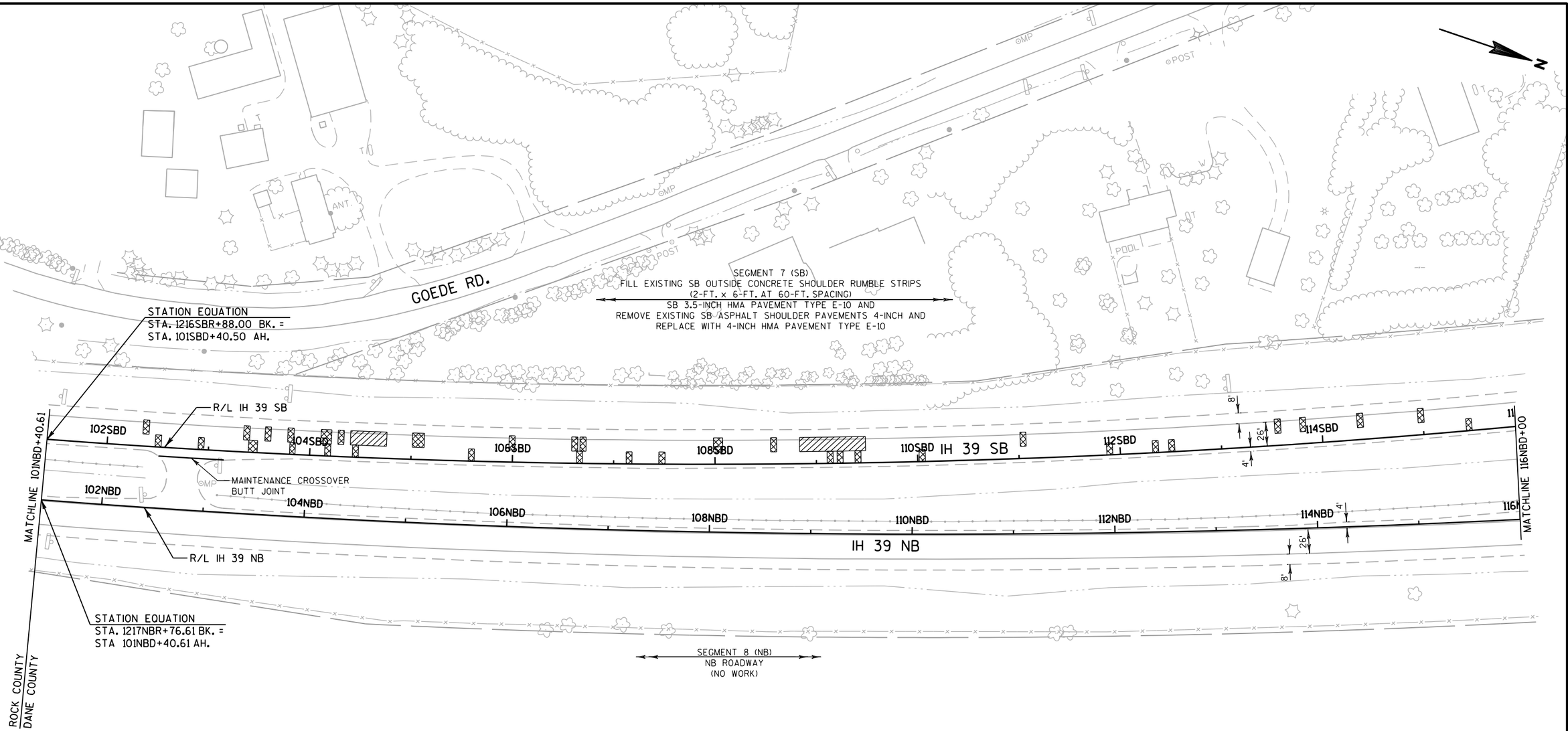
LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 75	E

2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 76	E

2

N

SEGMENT 7 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS (2-FT. x 6-FT. AT 60-FT. SPACING)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

ASPHALT BUTT JOINT

EXISTING CONCRETE BRIDGE DECK AND APPROACH SLABS (NO WORK)

MATCHLINE 116NBD+00

MATCHLINE 131NBD+00

IH 39 SB

116SBD 118SBD 120SBD 122SBD 124SBD 126SBD 128SBD 130SBD

IH 39 NB

116NBD 118NBD 120NBD 122NBD 124NBD 126NBD 128NBD 130NBD

R/L IH 39 SB

R/L IH 39 NB

MP

POST

4'

8'

10'

26'

12'

STRUCTURE B-13-176
SB OVER LAKE DRIVE RD.

STRUCTURE B-13-177
NB OVER LAKE DRIVE RD.

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

LAKE DRIVE RD.

TOWER

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 77	E

2

LAKE DRIVE RD.

EXISTING CONCRETE BRIDGE DECK AND APPROACH SLABS (NO WORK)

EXISTING ASPHALT OVERLAY TO REMAIN (NO WORK)

+00 ASPHALT BUTT JOINT

SEGMENT 7 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS (2-FT. x 6-FT. AT 60-FT. SPACING)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

132SBD

IH 39 SB

134SBD

136SBD

138SBD

140SBD

142SBD

144SBD

R/L IH 39 SB

STA. 133SBD+90 TO STA. 135SBD+40, LT.
ADJUST STEEL PLATE BEAM GUARD

.01

8"

26"

10'

MATCHLINE 131NBD+00

MATCHLINE 146NBD+00

132NBD

134NBD

136NBD

12"

138NBD

140NBD

142NBD

4"

144NBD

146

IH 39 NB

R/L IH 39 NB

26"

8"

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

2

SEGMENT 7 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

STA. 155SBD+17 TO STA. 158SBD+60, RT.
ADJUST STEEL PLATE BEAM GUARD

146SBD 148SBD 150SBD 152SBD 154SBD 156SBD 158SBD 160SBD

IH 39 SB

R/L IH 39 SB

8"
26'
4"

MATCHLINE 146NBD+00

MATCHLINE 16NBD+00

R/L IH 39 NB

NBD 148NBD 150NBD 152NBD 154NBD 156NBD 158NBD 160NBD

IH 39 NB

4"
26'
8"

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 79	E

2

SEGMENT 7 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

IH 39 SB

162SBD 164SBD 166SBD 168SBD 170SBD 172SBD 174SBD

R/L IH 39 SB

8'
26'
4'

MATCHLINE 161NBD+00

R/L IH 39 NB

162NBD 164NBD 166NBD 168NBD 170NBD 172NBD 174NBD 176

4'
26'
8'

MATCHLINE 176NBD+00

IH 39 NB

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 80	E

2

SEGMENT 7 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

MATCHLINE 176NBD+00

176SBD 178SBD 180SBD 182SBD IH 39 SB 184SBD 186SBD 188SBD 190SBD

R/L IH 39 SB

R/L IH 39 NB

178NBD 180NBD 182NBD 184NBD 186NBD 188NBD 190NBD

IH 39 NB

MATCHLINE 191NBD+00

8" 26" 6" 4" 26" 8"

SIGN

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\021246_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1

2

SEGMENT 7 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

R/L IH 39 SB

R/L IH 39 NB

MAINTENANCE CROSSOVER
BUTT JOINT

MATCHLINE 191NBD+00

MATCHLINE 206NBD+00

IH 39 SB

IH 39 NB

192SBD 194SBD 196SBD 198SBD 200SBD 202SBD 204SBD

192NBD 194NBD 196NBD 198NBD 200NBD 202NBD 204NBD 206

8' 26' 6' 4' 26' 8'

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 82	E

2

FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. x 6-FT. AT 60-FT. SPACING)
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

+75
ASPHALT
BUTT JOINT

+25
ASPHALT
BUTT JOINT

SEGMENT 7 (SB)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND

NO HMA OVERLAY

SEGMENT 7 (SB)
SB 3.5-INCH HMA PAVEMENT TYPE E-10 AND

100'

100'

RAMP GORE
BUTT JOINT

R/L IH 39 SB

MATCHLINE 206NBD+00

206SBD

IH 39 SB

208SBD

210SBD

212SBD

214SBD

216SBD

218SBD

220SBD

MATCHLINE 221NBD+00

8'

26'

6'

NBD

IH 39 NB

208NBD

210NBD

212NBD

214NBD

216NBD

218NBD

220NBD

4'

26'

8'

R/L IH 39 NB

STRUCTURE B-13-175

POST

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

OH

STH 73

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

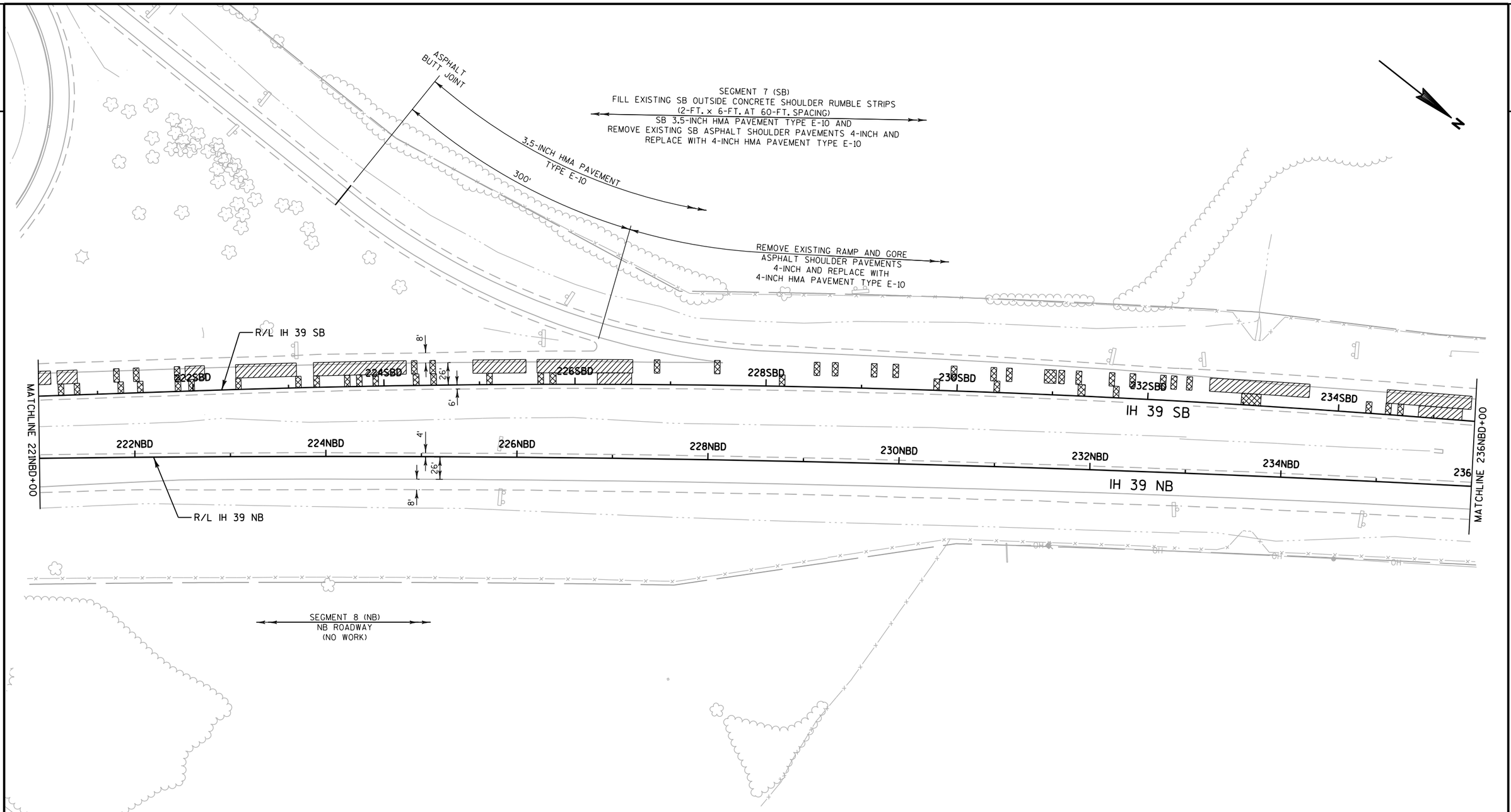
SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 83	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\021248_pd.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : PLOT SCALE : 100:1

2



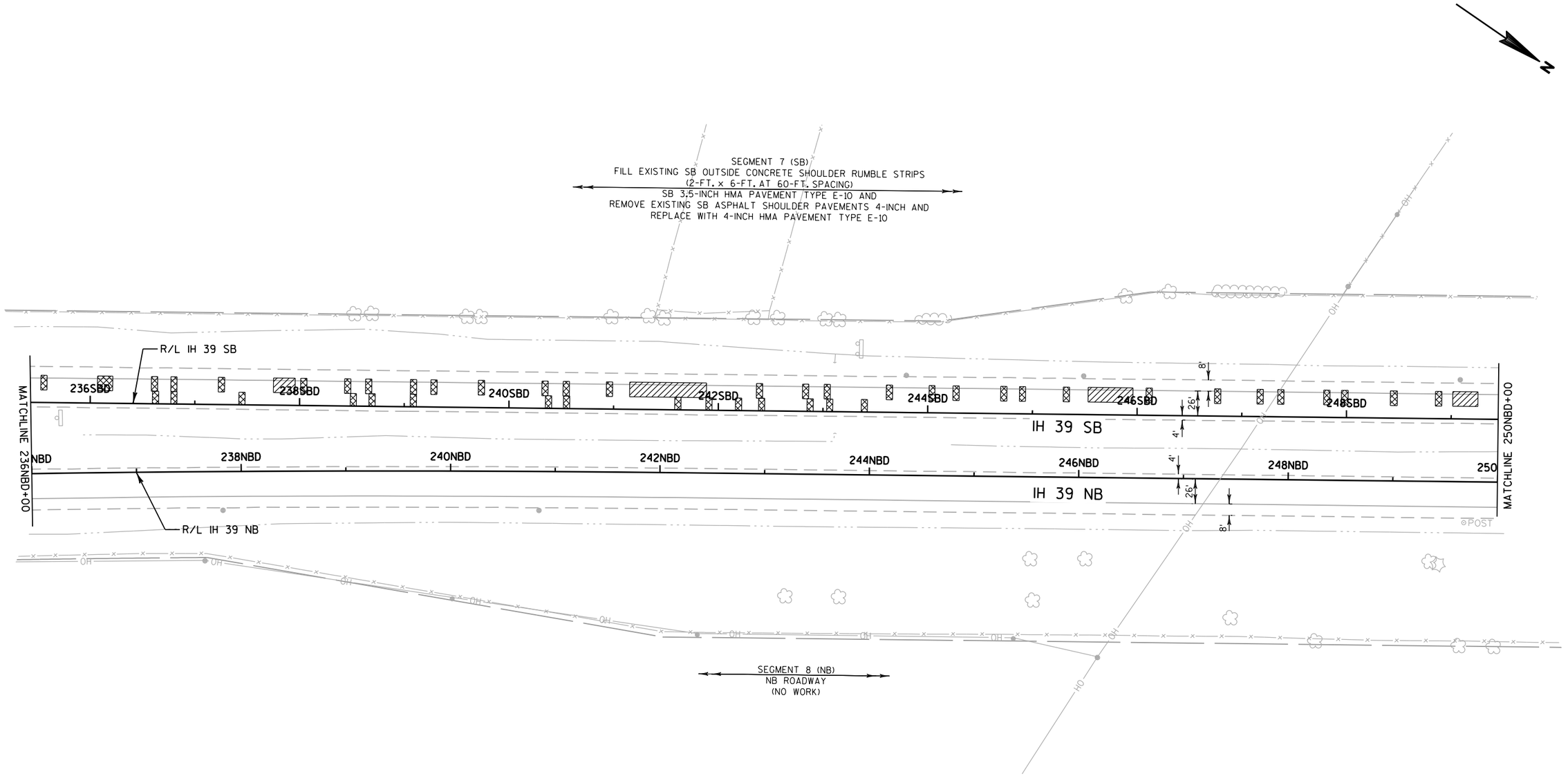
NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 84	E

2



NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

- SHES CONCRETE PAVEMENT REPAIR
- SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 85	E

2

STH 106

SEGMENT 7 (SB)
FILL EXISTING SB OUTSIDE CONCRETE SHOULDER RUMBLE STRIPS
(2-FT. × 6-FT. AT 60-FT. SPACING)
REMOVE EXISTING SB ASPHALT SHOULDER PAVEMENTS 4-INCH AND
REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10

+45
ASPHALT
BUTT JOINT

SB 3.5-INCH HMA PAVEMENT TYPE E-10

NO HMA OVERLAY

END CONSTRUCTION
STA. 259SBD+00

R/L IH 39 SB

100'

ASPHALT SAWCUT REQUIRED

MATCHLINE 250NBD+00

250SBD 252SBD 254SBD 256SBD 258SBD 260SBD IH 39 SB 262SBD 264SBD

8" 26" 4"

XXXXX XXXXX XXXX

ASPHALT SAWCUT REQUIRED

250NBD 252NBD 254NBD 256NBD 258NBD 260NBD 262NBD 264NBD

IH 39 NB

4" 26" 8"

R/L IH 39 NB

STRUCTURE B-13-174

END PROJECT
STA. 259NBD+55

SEGMENT 8 (NB)
NB ROADWAY
(NO WORK)

NOTE:
EXISTING BEAM GUARD, HIGH TENSION CABLE GUARD, CONCRETE BARRIER
AND CURB AND GUTTER TO REMAIN, UNLESS OTHERWISE NOTED.
NOT ALL LOCATIONS ARE SHOWN ON PLAN AND SHALL BE FIELD VERIFIED.

LEGEND

SHES CONCRETE PAVEMENT REPAIR

SHES CONCRETE PAVEMENT REPLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	PLAN DETAILS	SHEET 86	E

2

2

LEGEND

(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)

N

ONTARIO DR.

SBR+50
MATCH EXISTING

SBR+55
MATCH EXISTING

SBR+60
MATCH EXISTING

624SBR 626SBR 628SBR 630SBR 632SBR IH 39 SB 634SBR 636SBR 638SBR

R/L IH 39 SB

624NBR 626NBR 628NBR 630NBR 632NBR 634NBR 636NBR 638NBR

IH 39 NB

NBR+85
MATCH EXISTING

NBR+90
MATCH EXISTING

R/L IH 39 NB

MATCHLINE 639NBR+25

12'

E. MILWAUKEE ST. (CTH A)

SOMERSET DR.

POOL

A/C

INL

MH

W

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022201_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

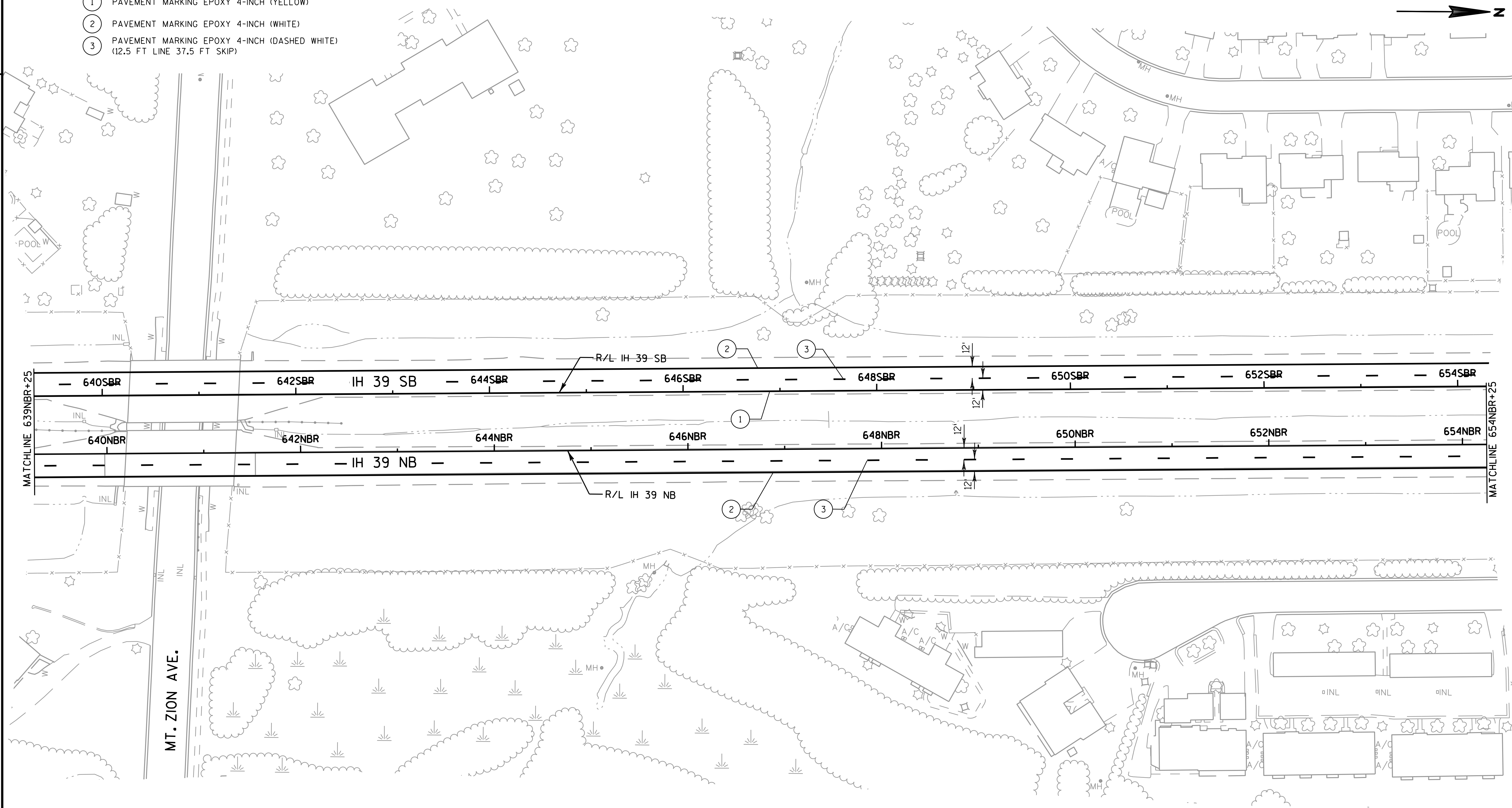
LEGEND

1 PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

2 PAVEMENT MARKING EPOXY 4-INCH (WHITE)

3 PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

2



PROJECT NO:1001-01-62	HWY:IH 39	COUNTY:ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 88	E

FILE NAME : \\modw00\ingrproj\56199\t1\cds\022202_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1 WISDOT/CADDS SHEET 42

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

N

LILAC LANE

R/L IH 39 SB

656SBR 658SBR 660SBR IH 39 SB 662SBR 664SBR 666SBR 668SBR

12' 12'

MATCHLINE 654NBR+25

656NBR 658NBR 660NBR 662NBR 664NBR 666NBR 668NBR

NBR+00 MATCH EXISTING

IH 39 NB

12'

R/L IH 39 NB

NBR+00 MATCH EXISTING

MATCHLINE 669NBR+25

GREEN VALLEY DR.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 89	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022203_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

LEGEND

(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

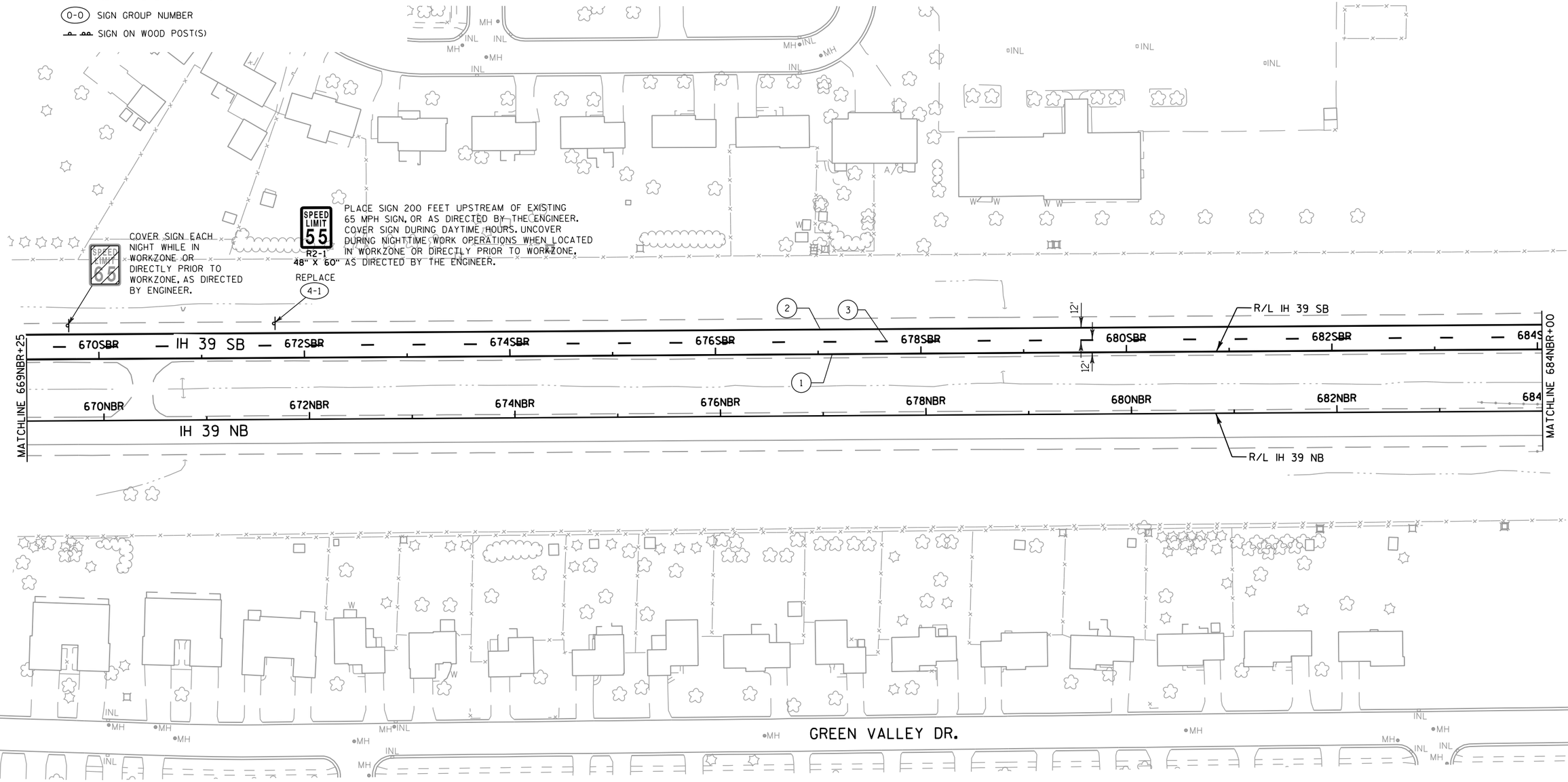
(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)

(0-0) SIGN GROUP NUMBER

SIGN ON WOOD POST(S)

N



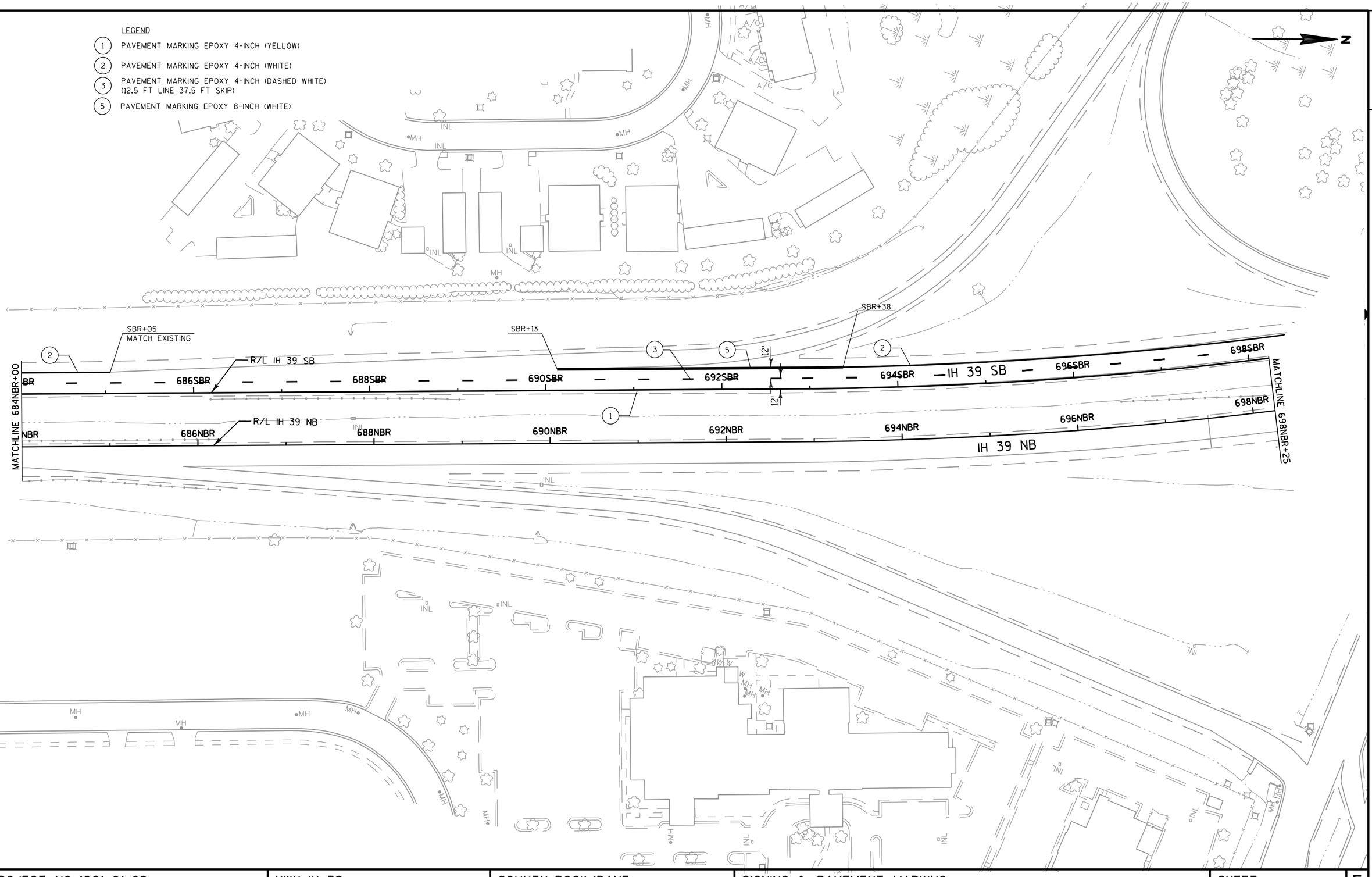
NOTE: AT NO TIME SHALL SUCCESSIVE 55 MPH AND 65 MPH SIGNS BE SIMULTANEOUSLY COVERED OR UNCOVERED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 90	E

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 91	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022205_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)
6. PAVEMENT MARKING DIAGONAL EPOXY 24-INCH (WHITE)

HUMES RD. (USH 14) EB

HUMES RD. (USH 14) WB

SBR+02

SBR+62

SBR+63

SBR+95

R/L IH 39 SB

R/L IH 39 NB

700SBR 702SBR 704SBR 706SBR 708SBR 710SBR 712SBR

700NBR 702NBR 704NBR 706NBR 708NBR 710NBR 712NBR

12'

12'

MATCHLINE 698NBR+25

MATCHLINE 713NBR+00

IH 39 SB

IH 39 NB

DEERFIELD DR.

INL

MH

W

N

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 92	E

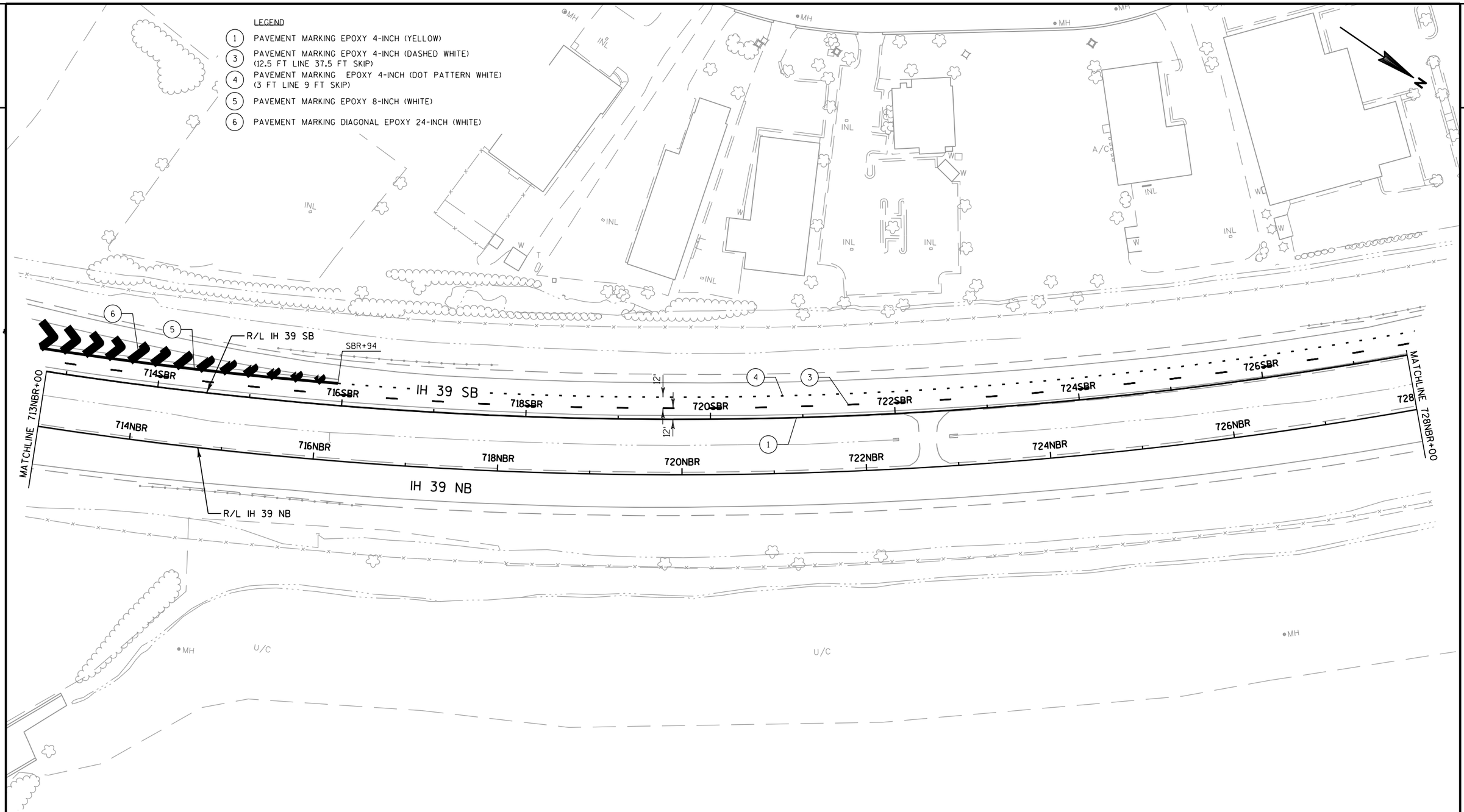
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022206_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)
6. PAVEMENT MARKING DIAGONAL EPOXY 24-INCH (WHITE)



2

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022207_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)

N

MILTON AVE. (STH 26)

SBR+18

R/L IH 39 SB

SBR+52

SBR+34
MATCH EXISTING

12'

12'

728SBR 730SBR 732SBR 734SBR 736SBR 738SBR 740SBR 742SBR

IH 39 SB

R/L IH 39 NB

728NBR+00 MATCHLINE

728NBR 730NBR 732NBR 734NBR 736NBR 738NBR 740NBR 742NBR

743NBR+00 MATCHLINE

IH 39 NB

INL

MH

W

U/C

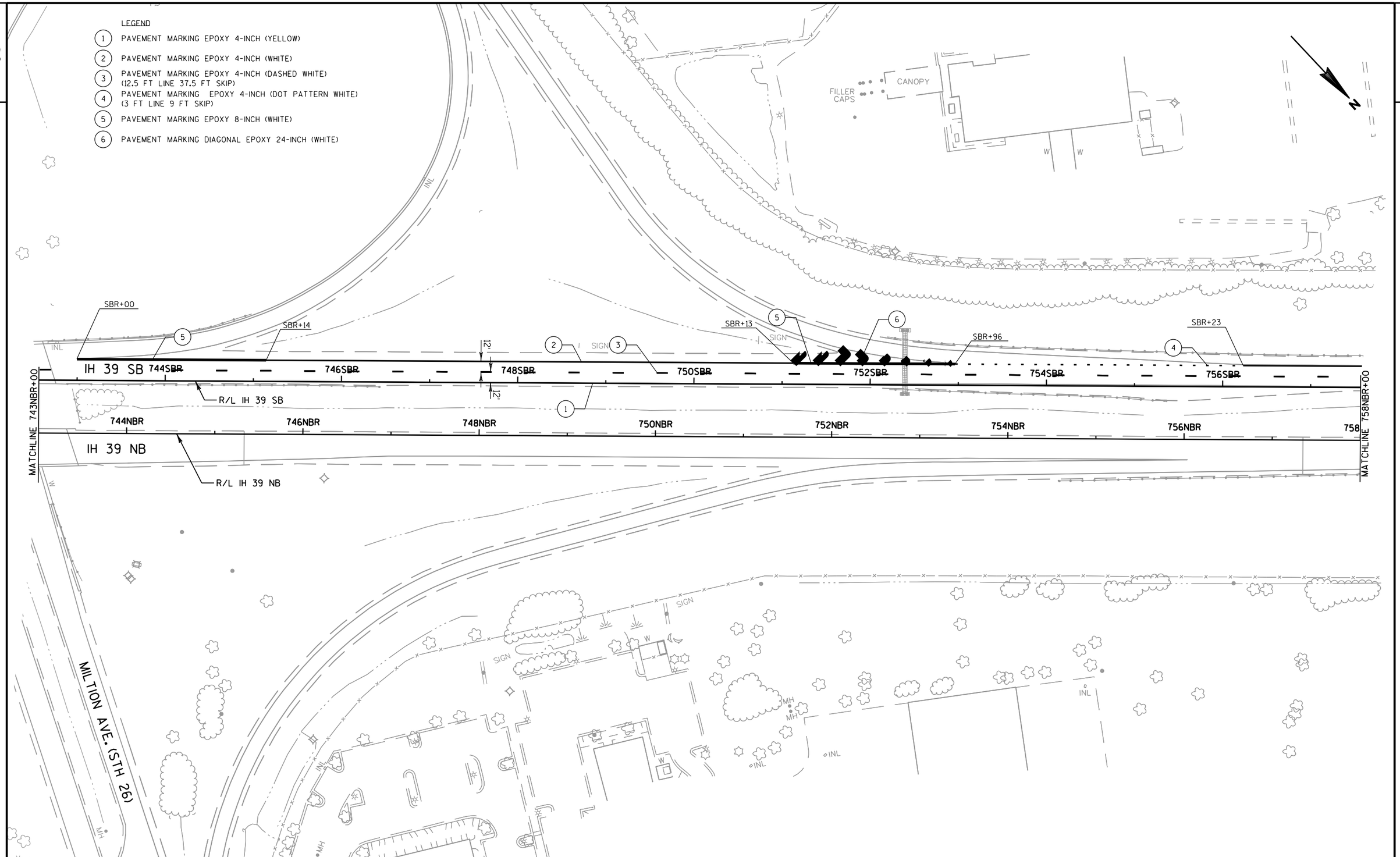
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022208_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)
6. PAVEMENT MARKING DIAGONAL EPOXY 24-INCH (WHITE)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 95	E

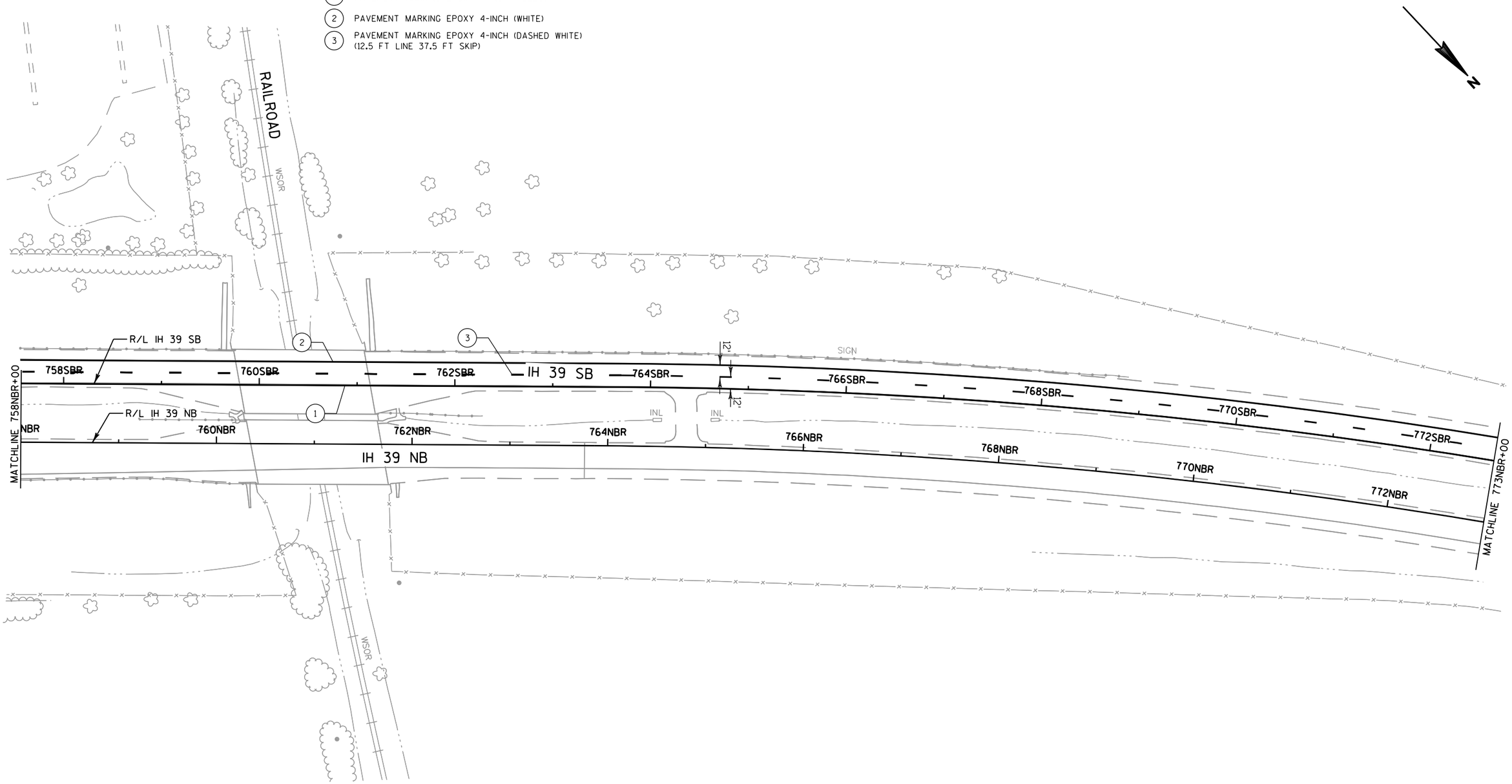
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022209_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 96	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022210_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

2

LEGEND

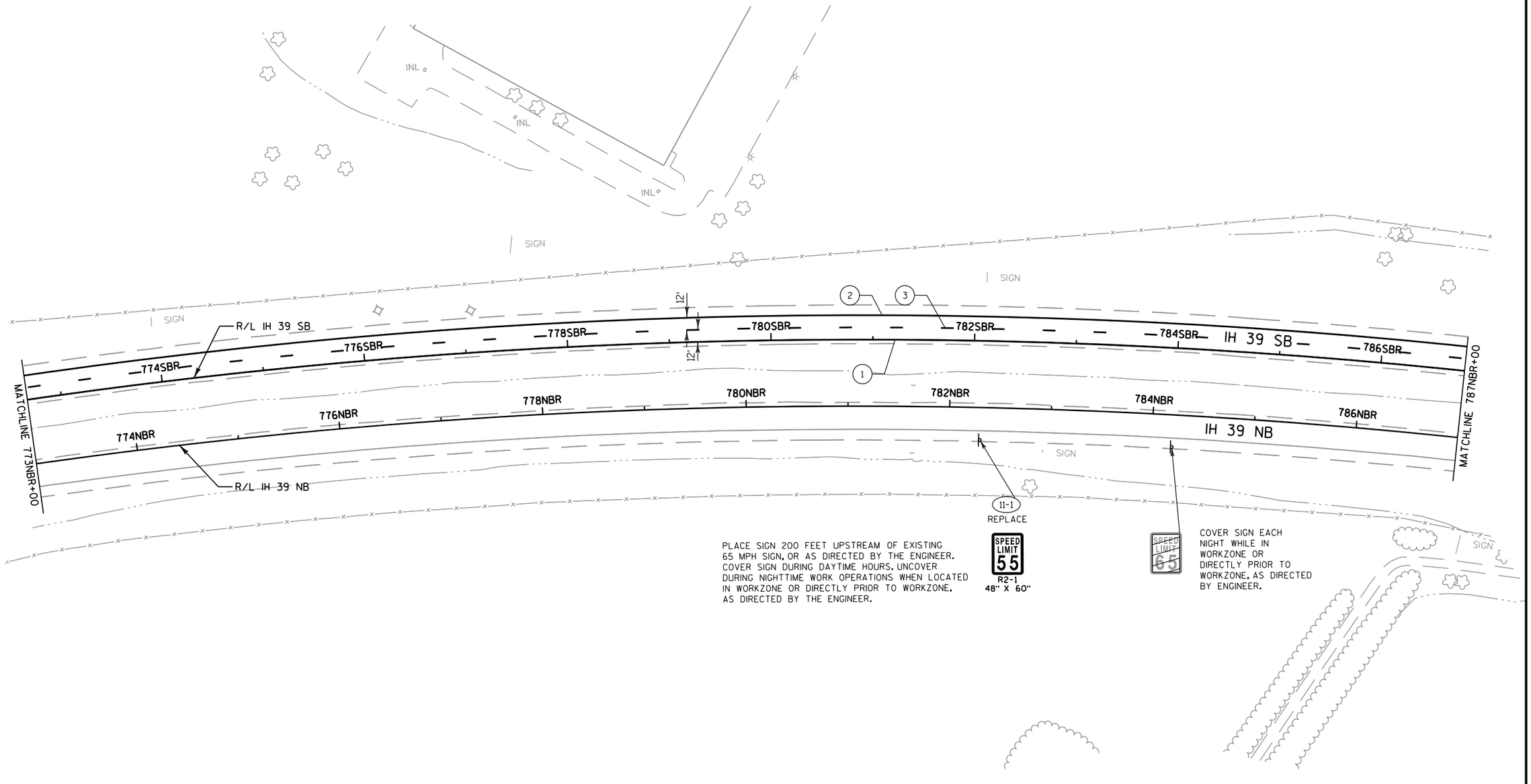
(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

(0-0) SIGN GROUP NUMBER

SIGN ON WOOD POST(S)



PLACE SIGN 200 FEET UPSTREAM OF EXISTING 65 MPH SIGN, OR AS DIRECTED BY THE ENGINEER. COVER SIGN DURING DAYTIME HOURS. UNCOVER DURING NIGHTTIME WORK OPERATIONS WHEN LOCATED IN WORKZONE OR DIRECTLY PRIOR TO WORKZONE, AS DIRECTED BY THE ENGINEER.

COVER SIGN EACH NIGHT WHILE IN WORKZONE OR DIRECTLY PRIOR TO WORKZONE, AS DIRECTED BY ENGINEER.

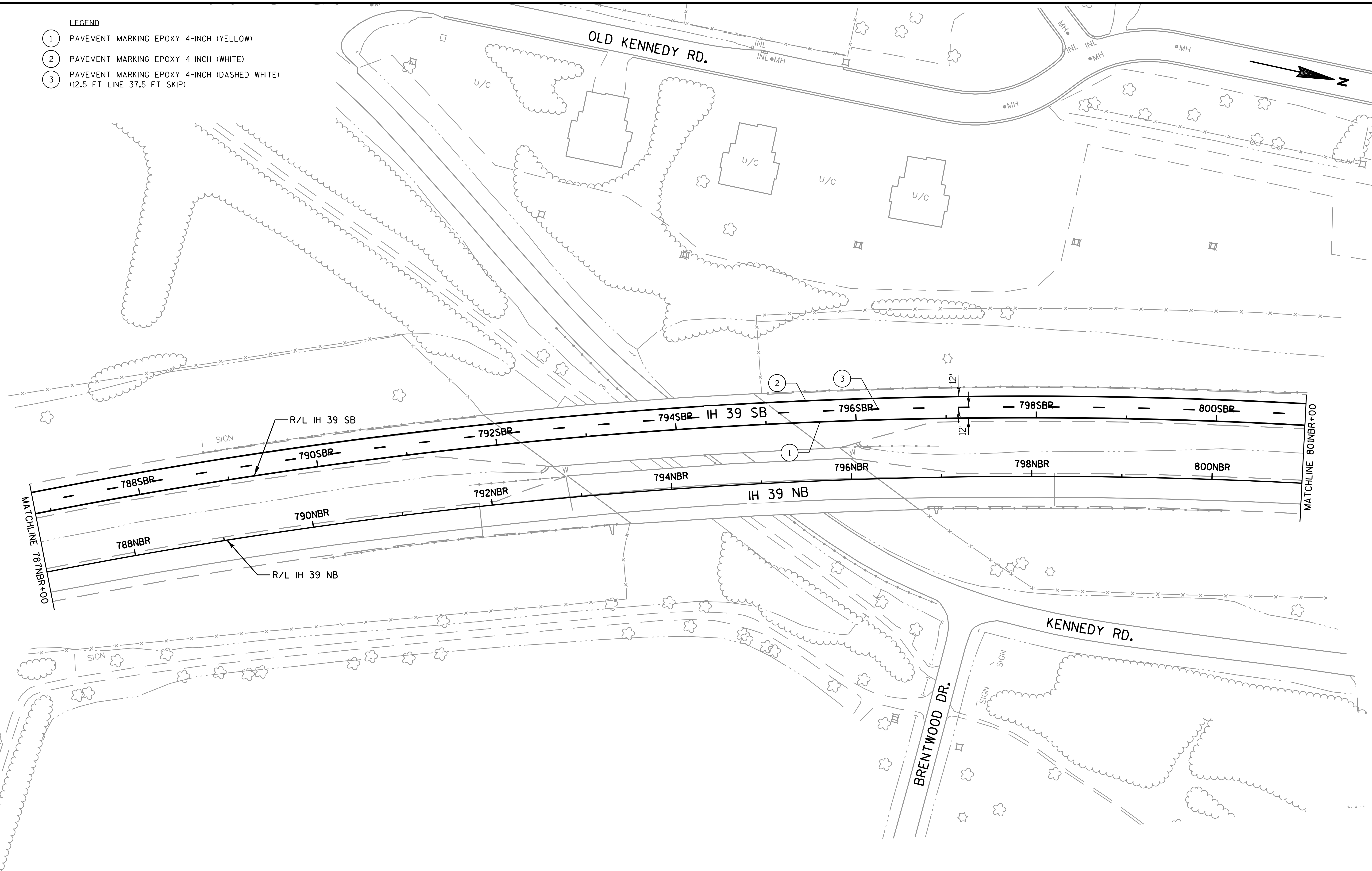
NOTE: AT NO TIME SHALL SUCCESSIVE 55 MPH AND 65 MPH SIGNS BE SIMULTANEOUSLY COVERED OR UNCOVERED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 97	E

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



2

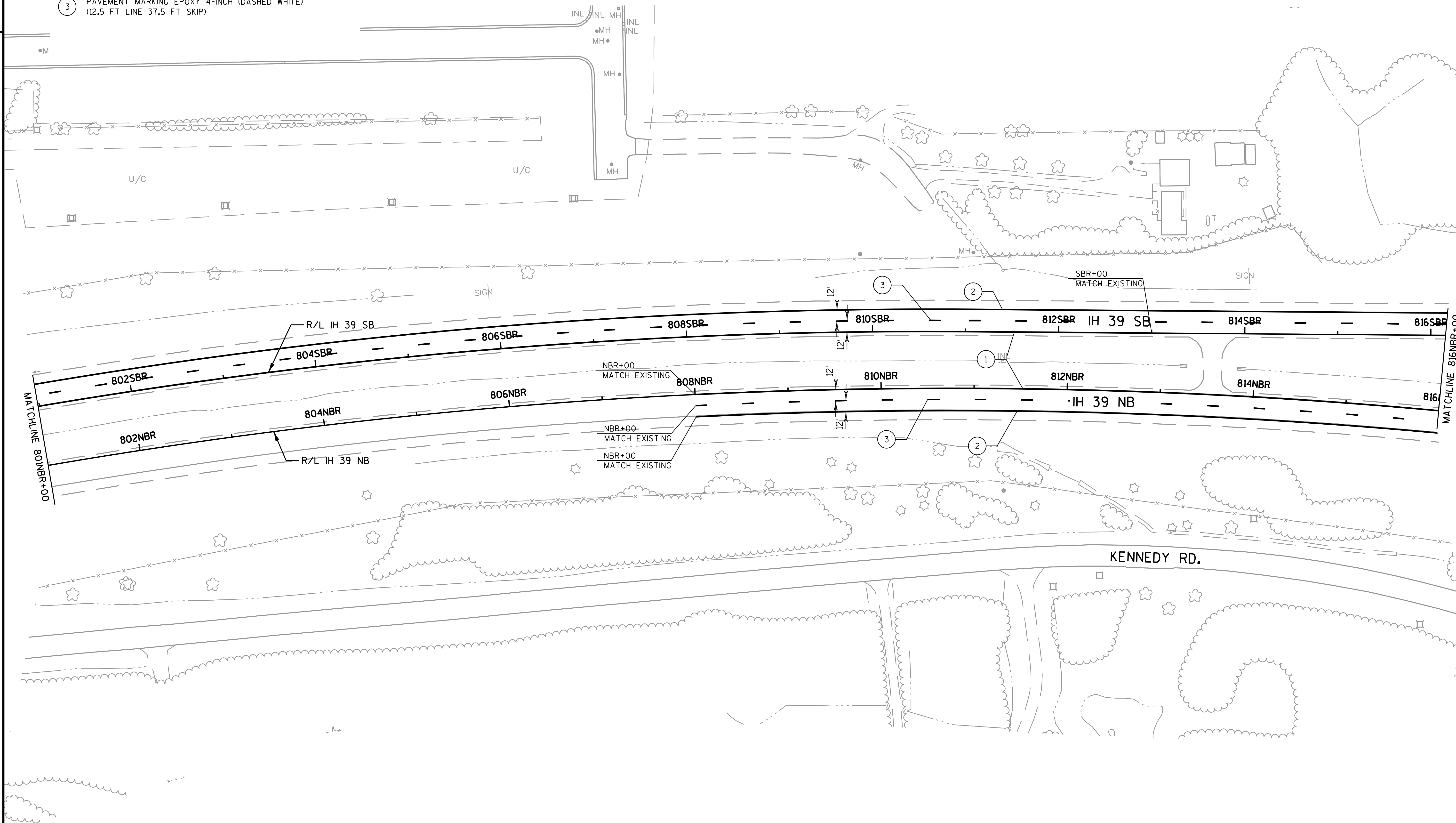
PROJECT NO:1001-01-62	HWY:IH 39	COUNTY:ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 98	E

FILE NAME : \\modw00\ingrproj\56199\t1\cds\022212_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

2



PROJECT NO:1001-01-62	HWY:IH 39	COUNTY:ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 99	E

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

N

R/L IH 39 SB

MATCHLINE 816NBR+00

818SBR 820SBR 822SBR 824SBR 826SBR 828SBR IH 39 SB 830SBR

12' 12'

SIGN

MATCHLINE 831NBR+00

818NBR 820NBR 822NBR 824NBR 826NBR 828NBR IH 39 NB 830NBR

12' 12'

R/L IH 39 NB

SIGN

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 100	E

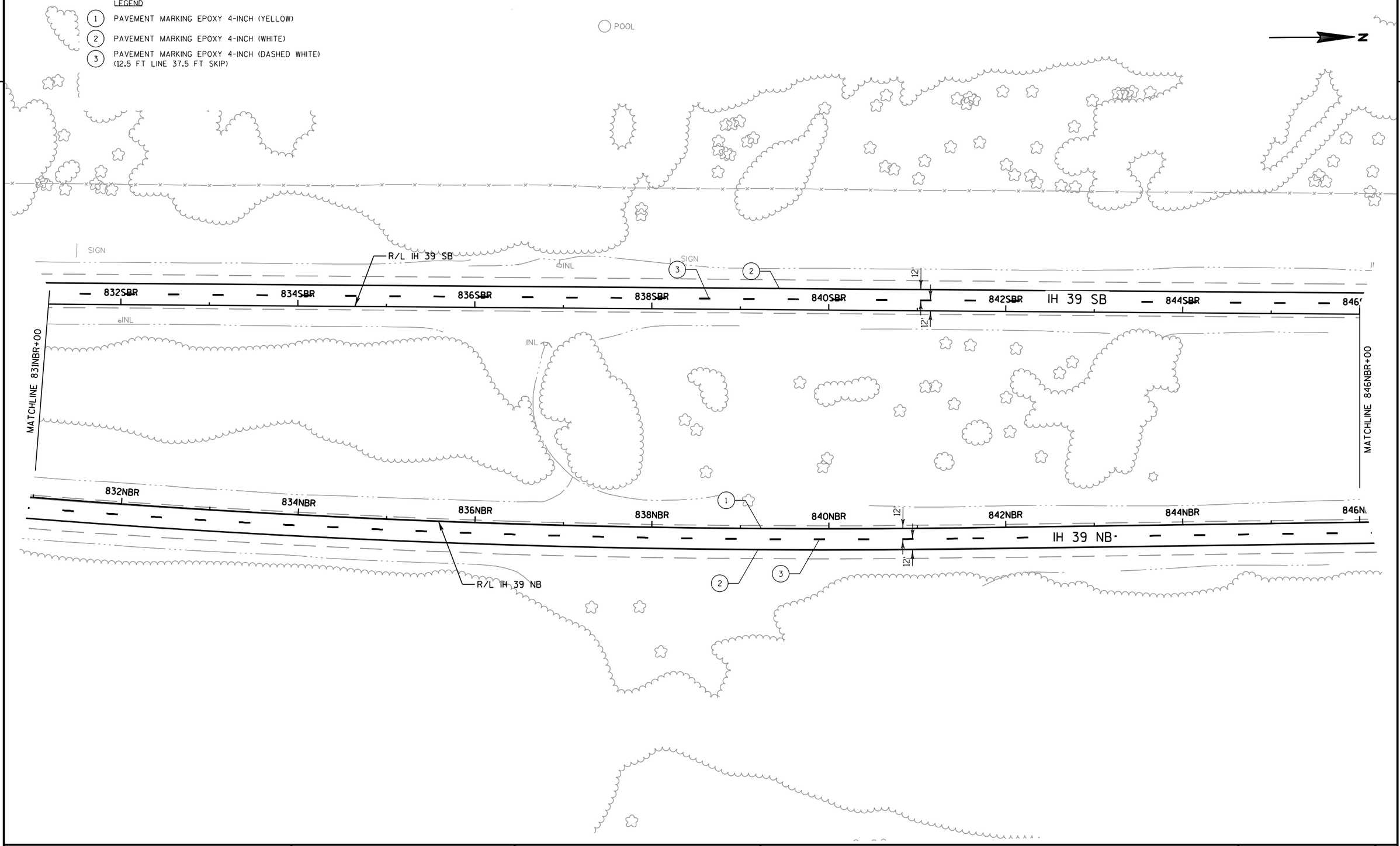
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022214_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 101	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022215_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

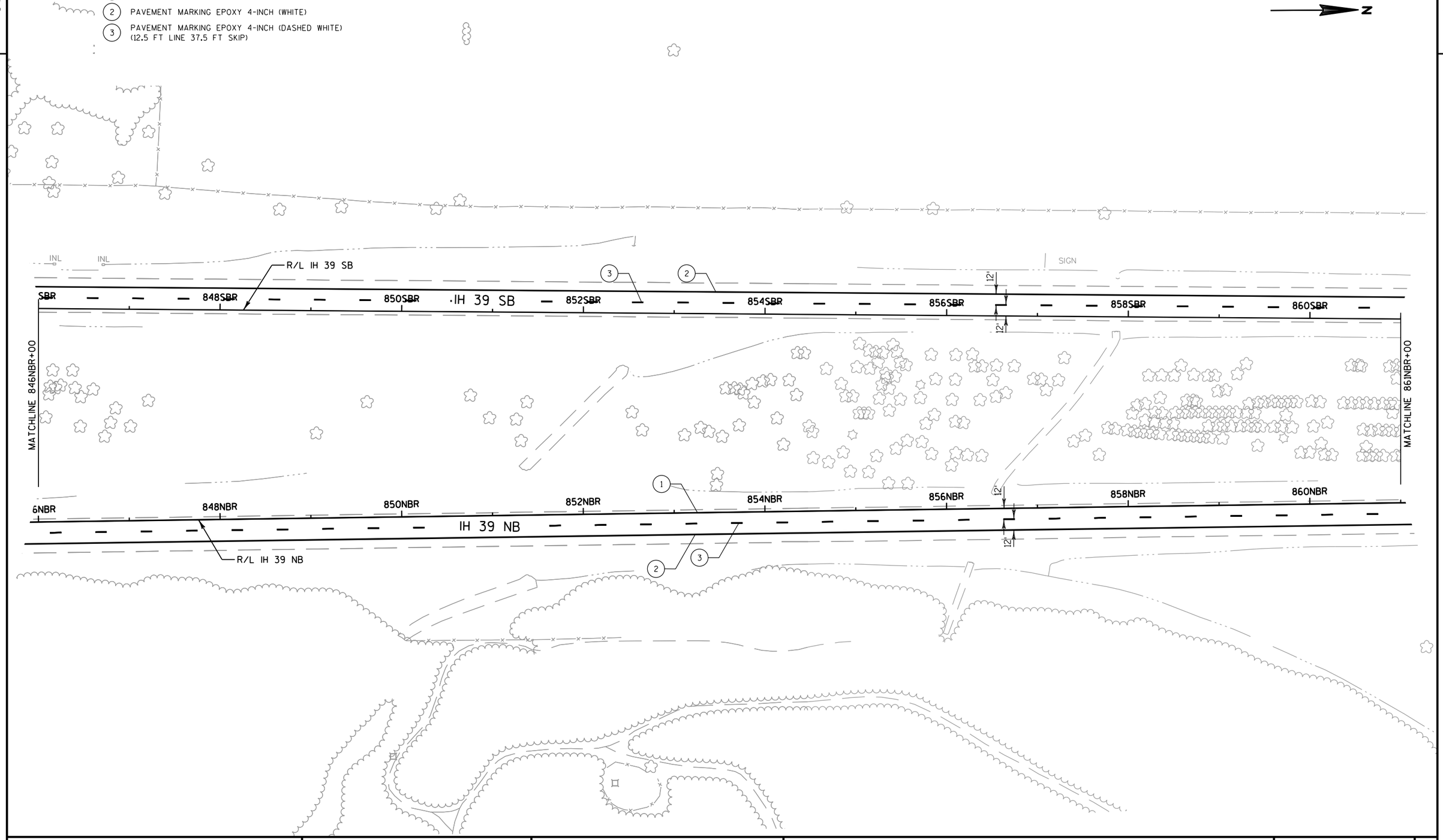
WISDOT/CADDS SHEET 42

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

N



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 102	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022216_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

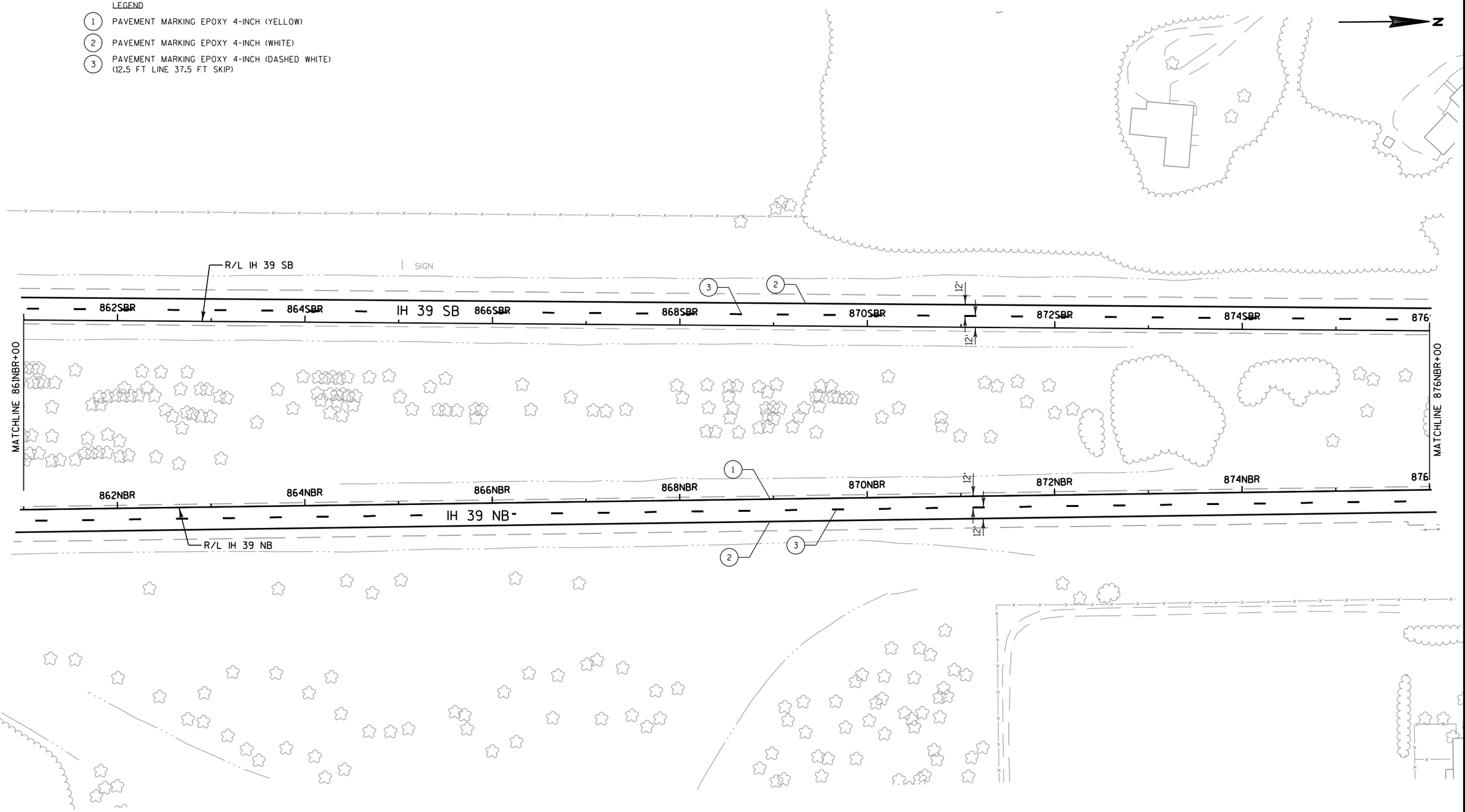
2

LEGEND

(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

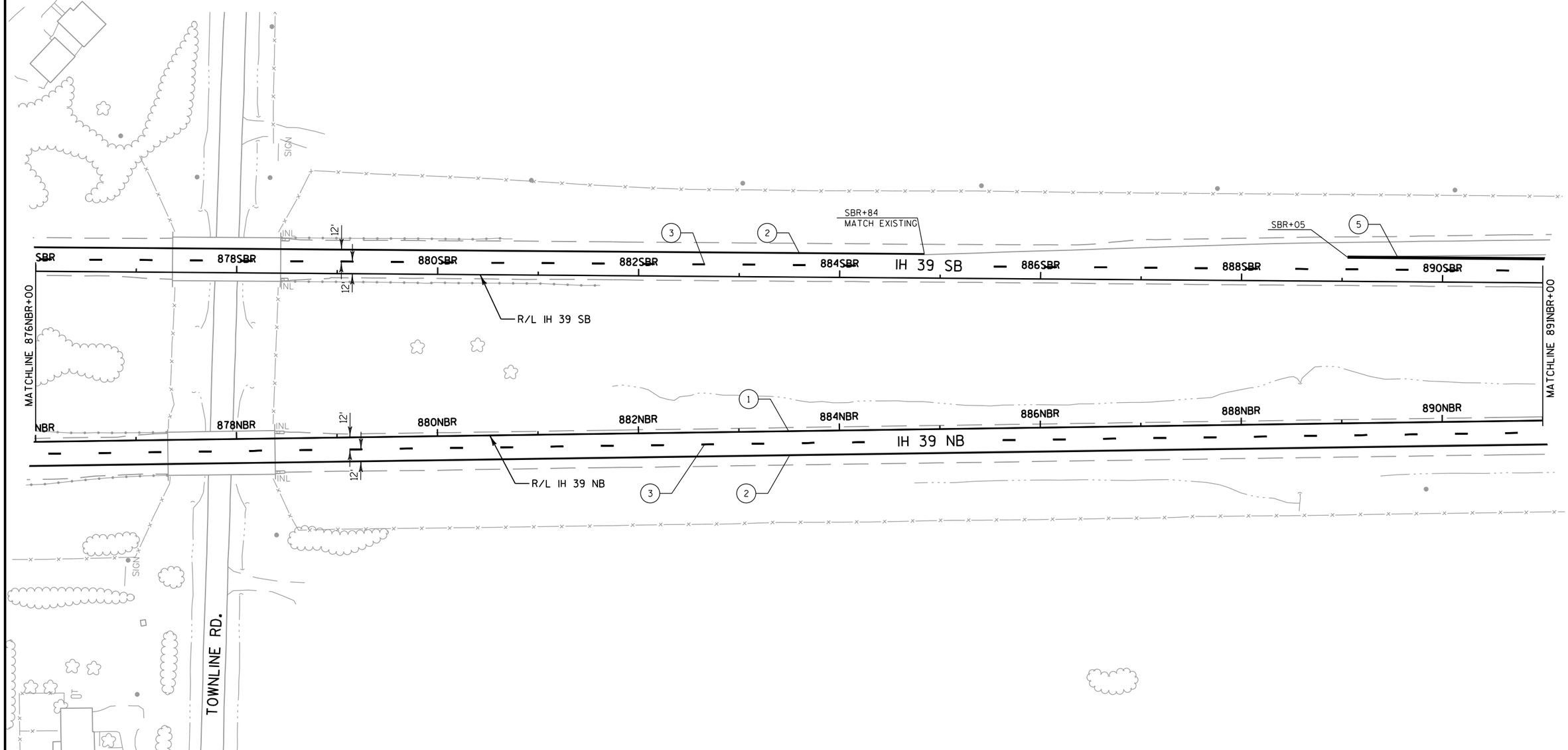
(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 103	E

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)



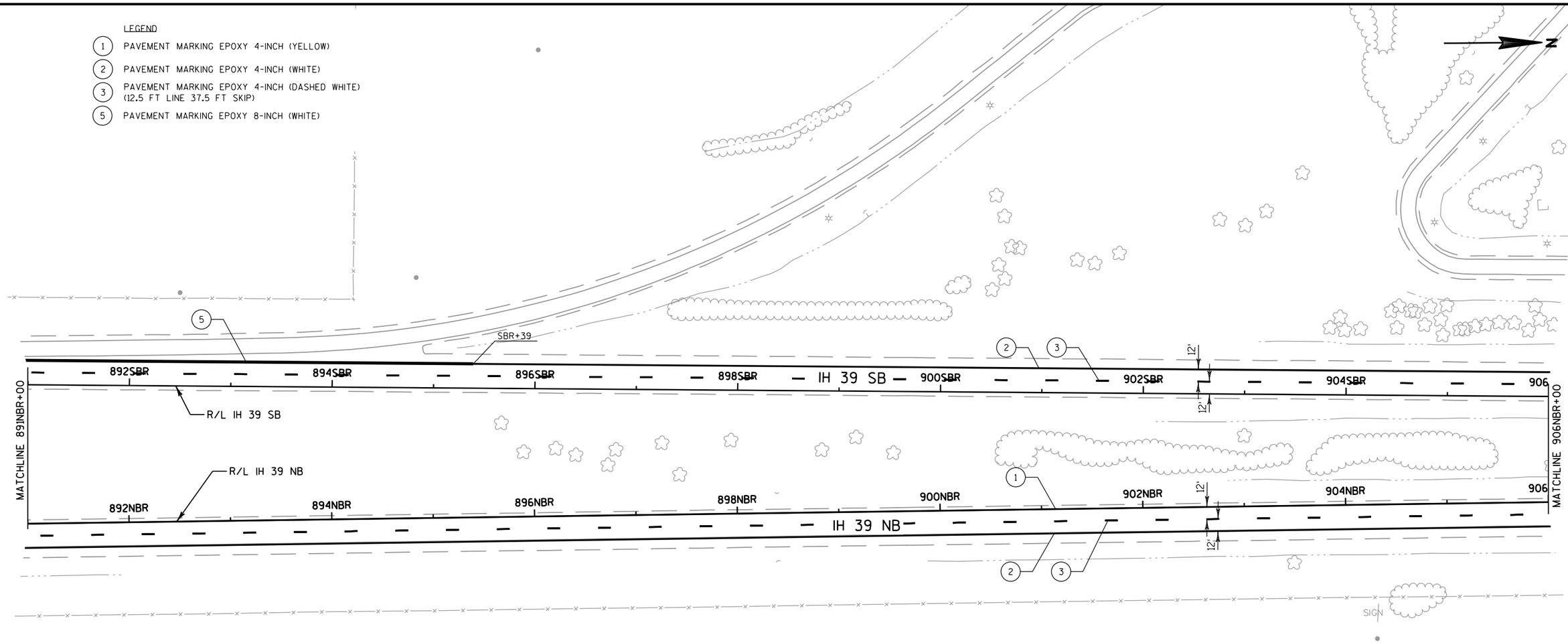
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 104	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022218_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)



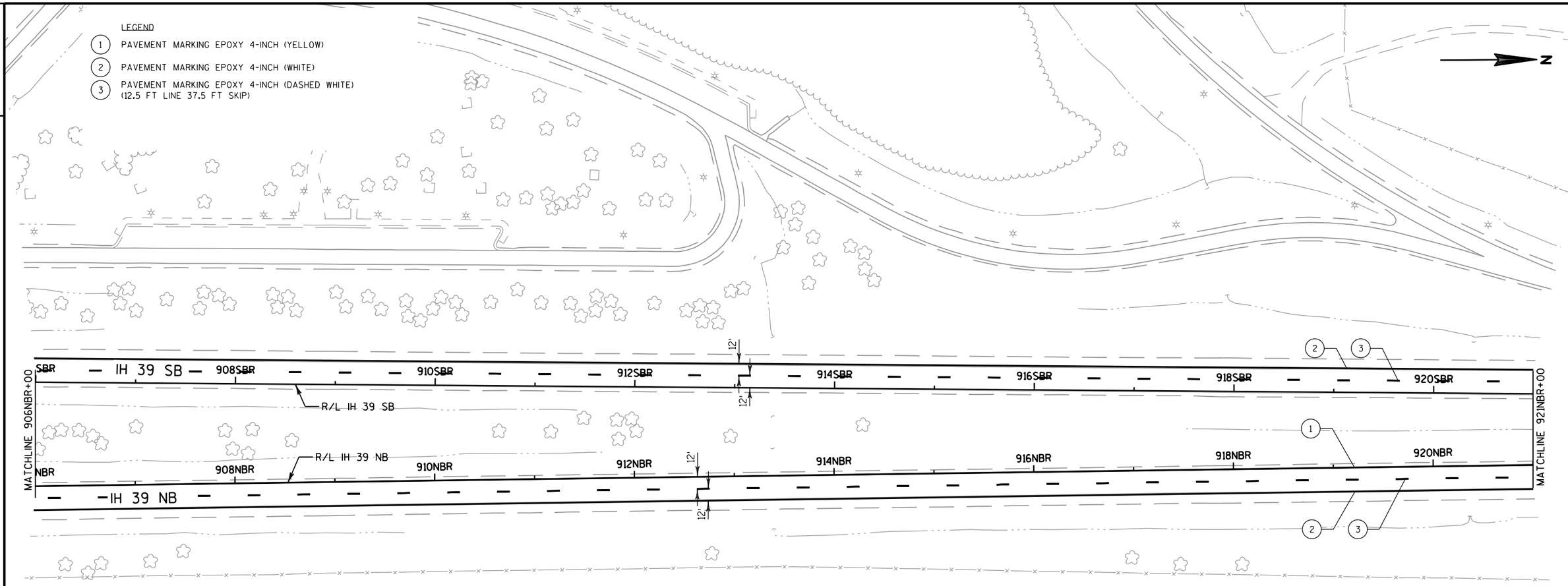
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 105	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022219_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

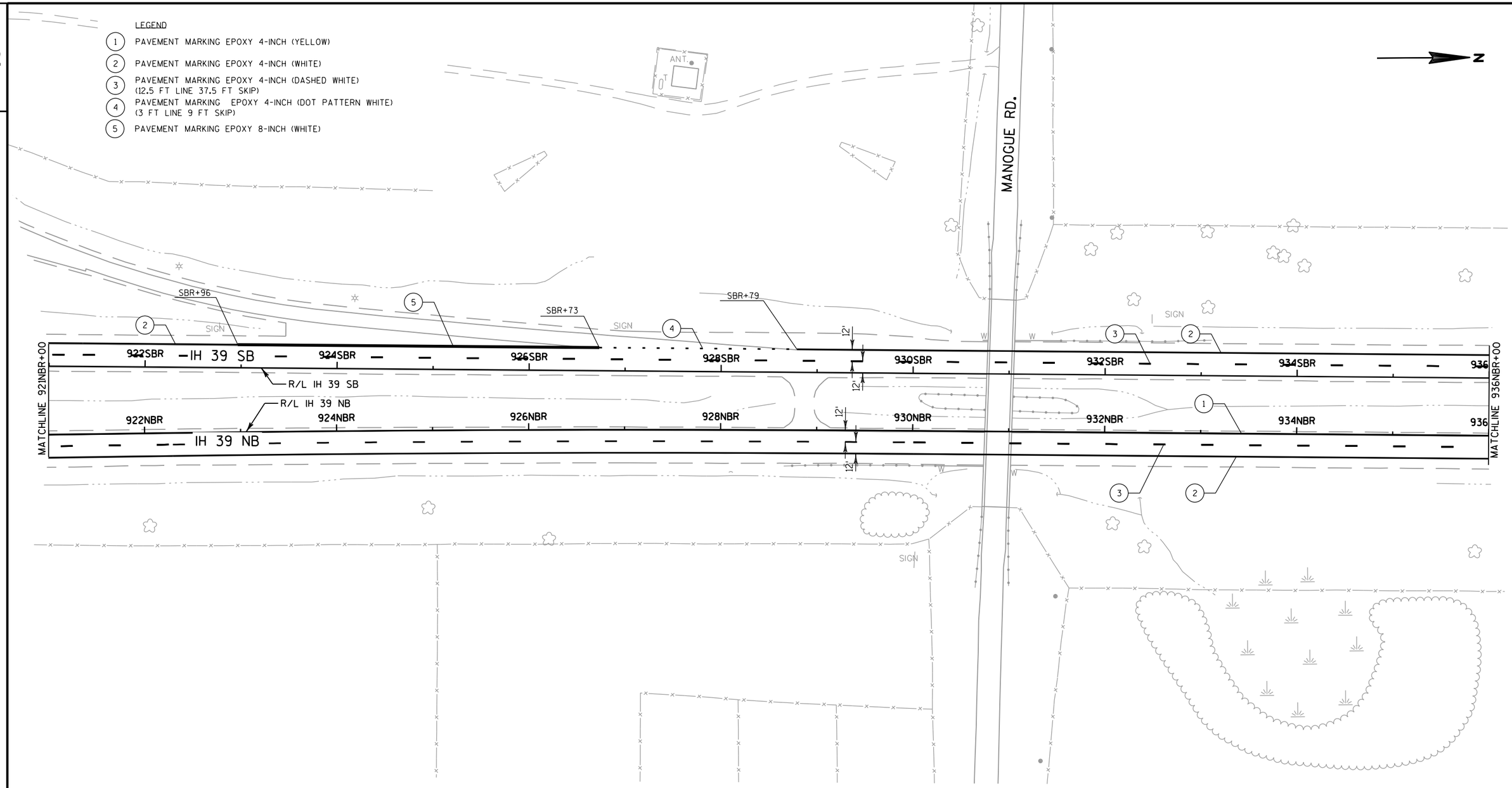
LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)

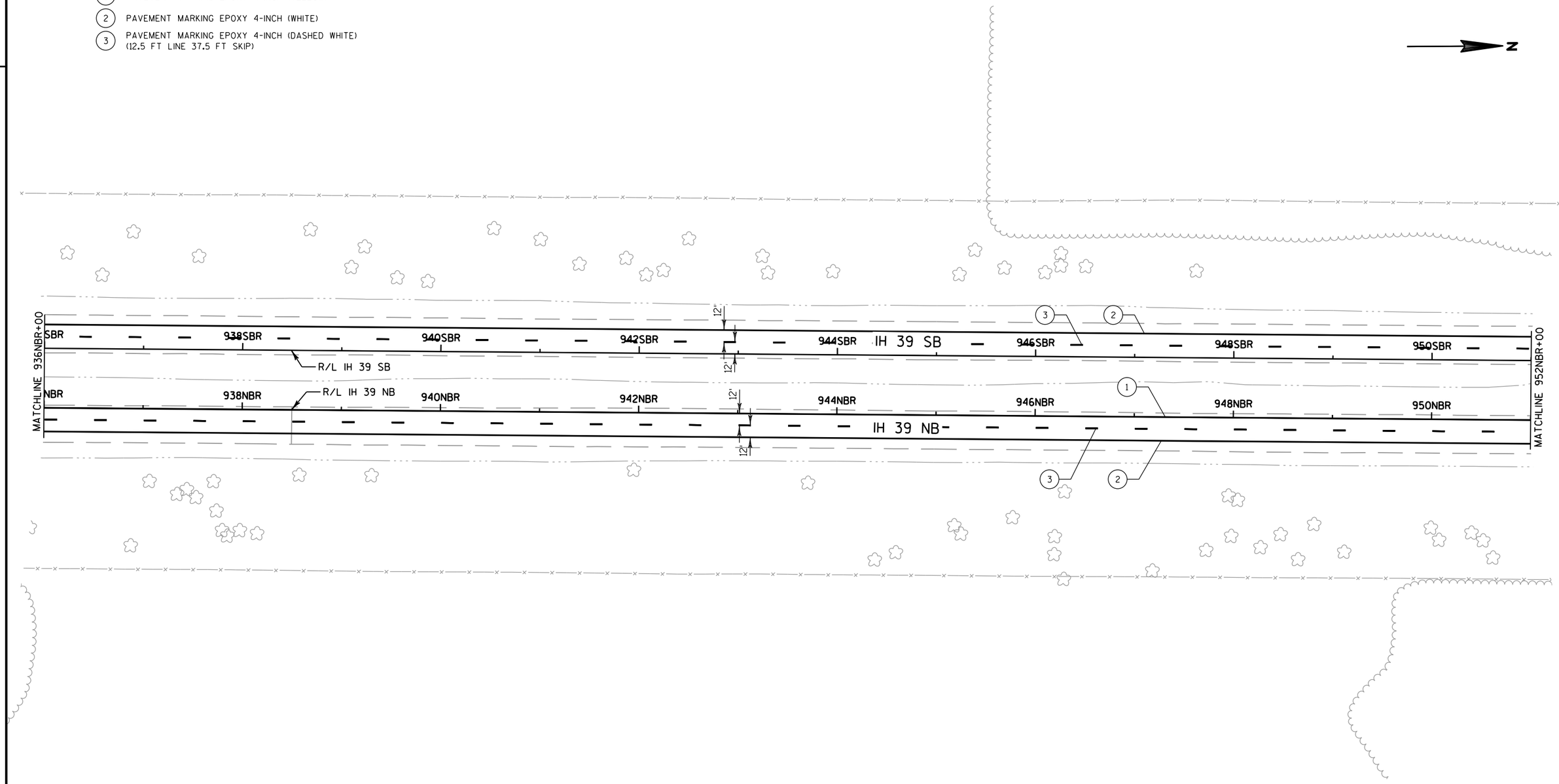


PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022221_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

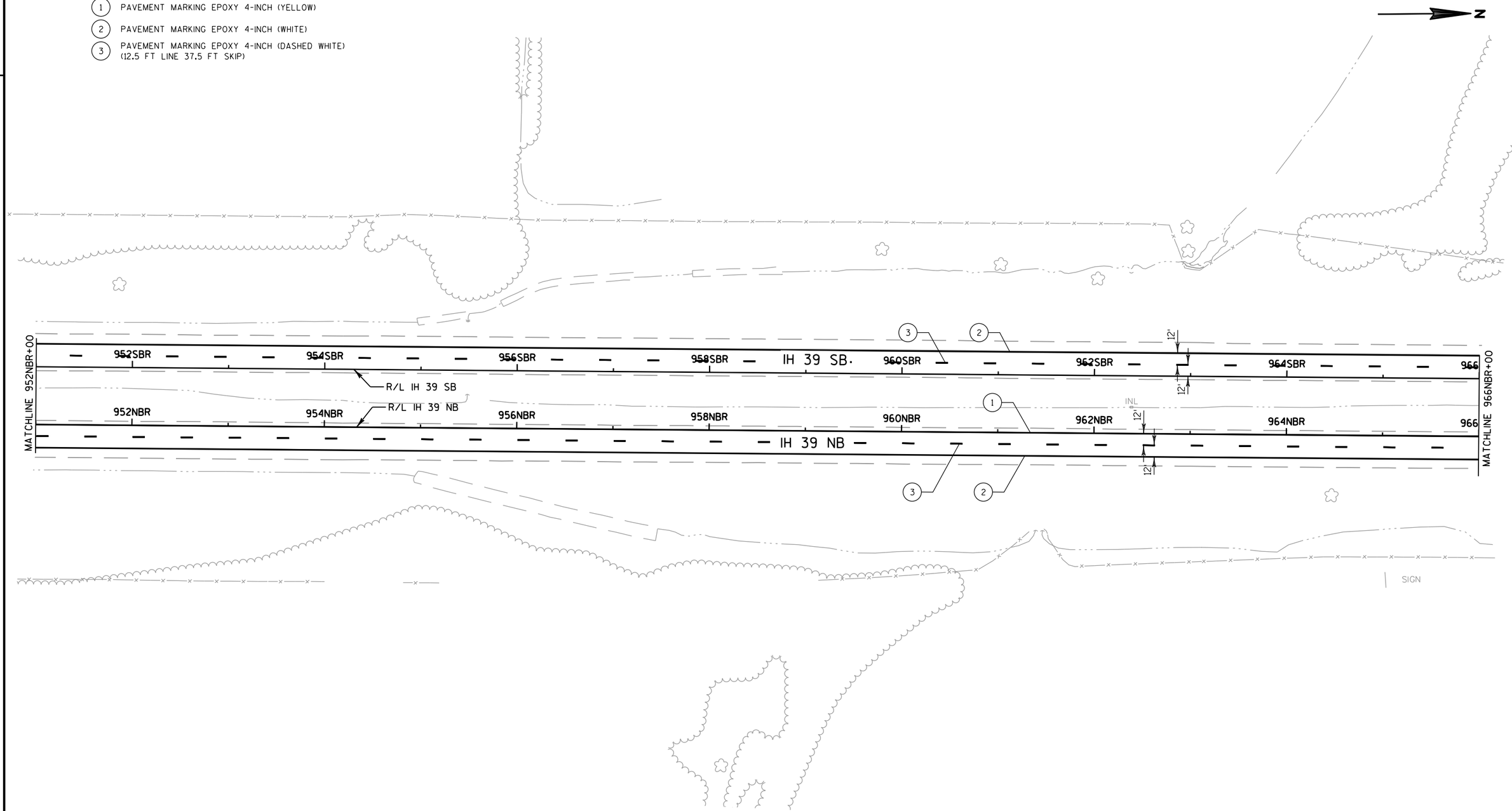


PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022222_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

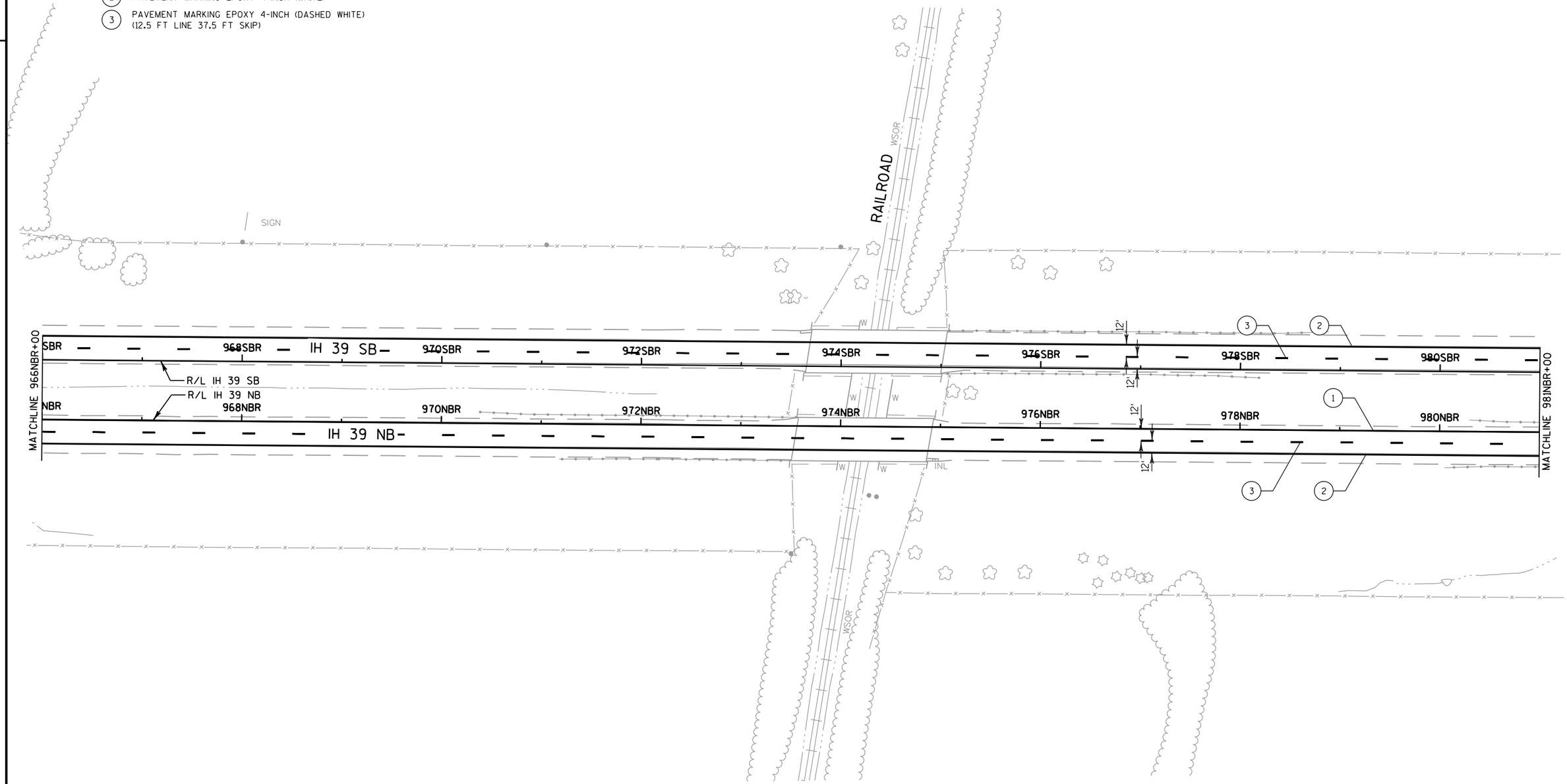


PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022223_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



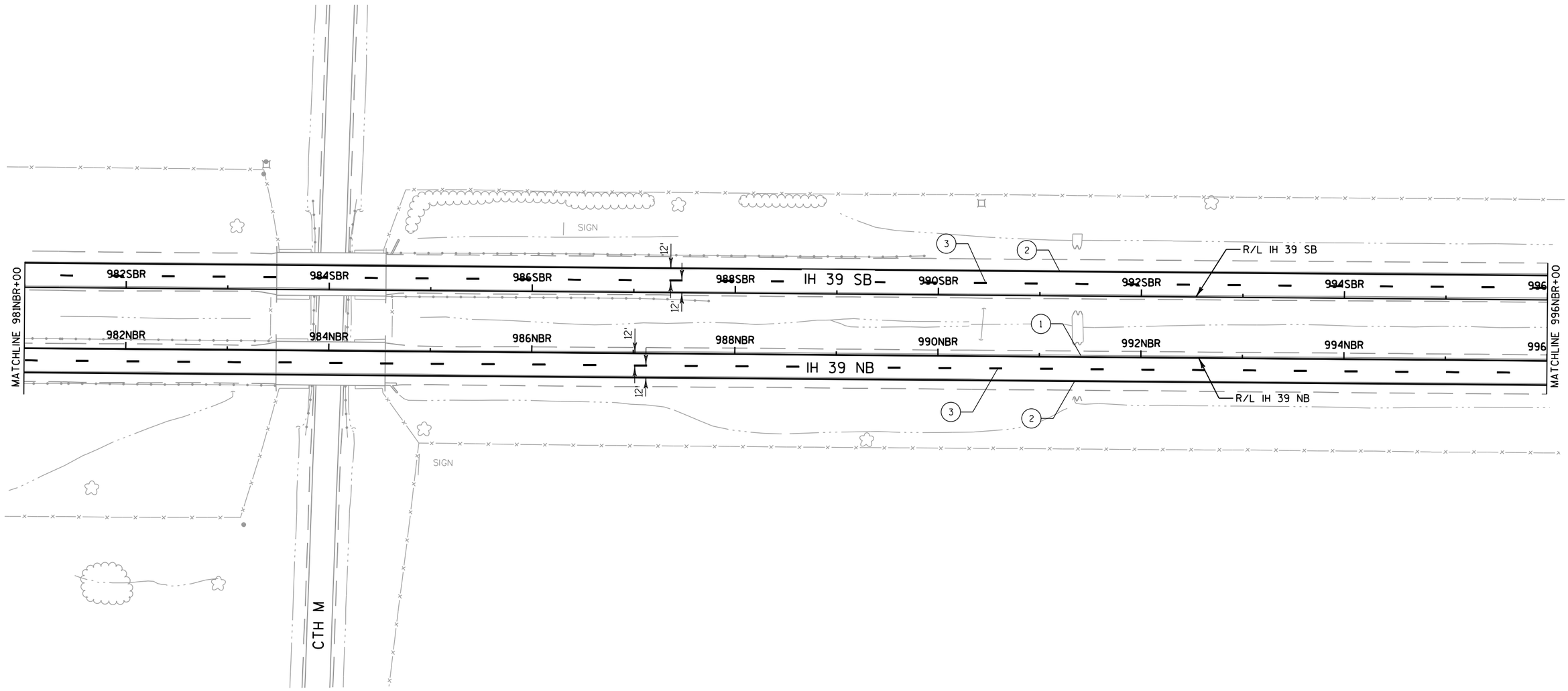
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022224_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

N



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 111	E

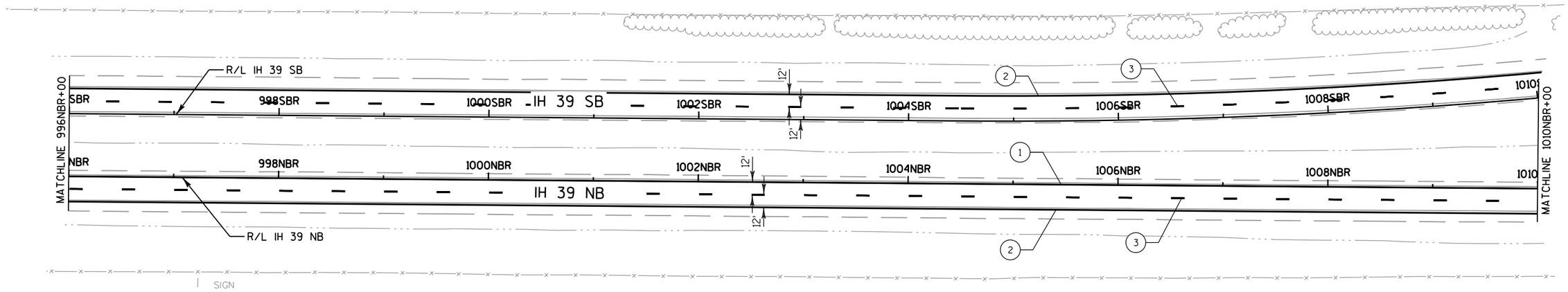
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022225_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

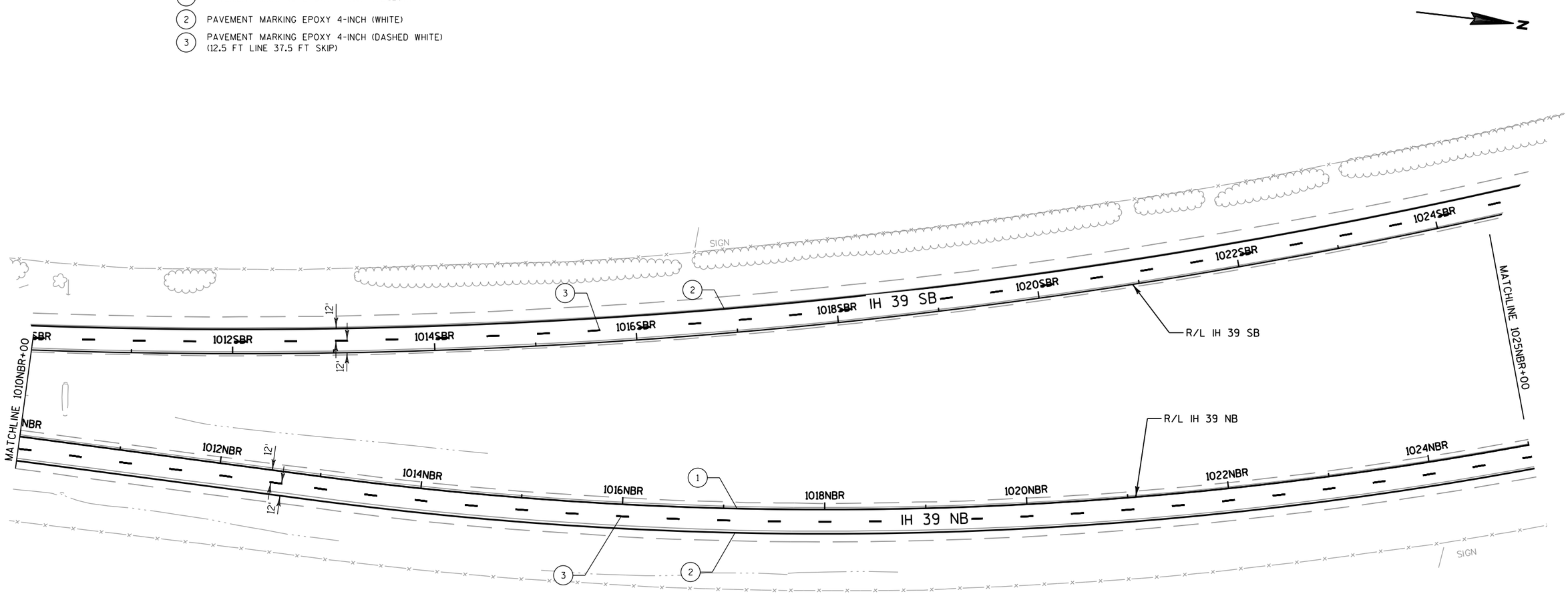
N



2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



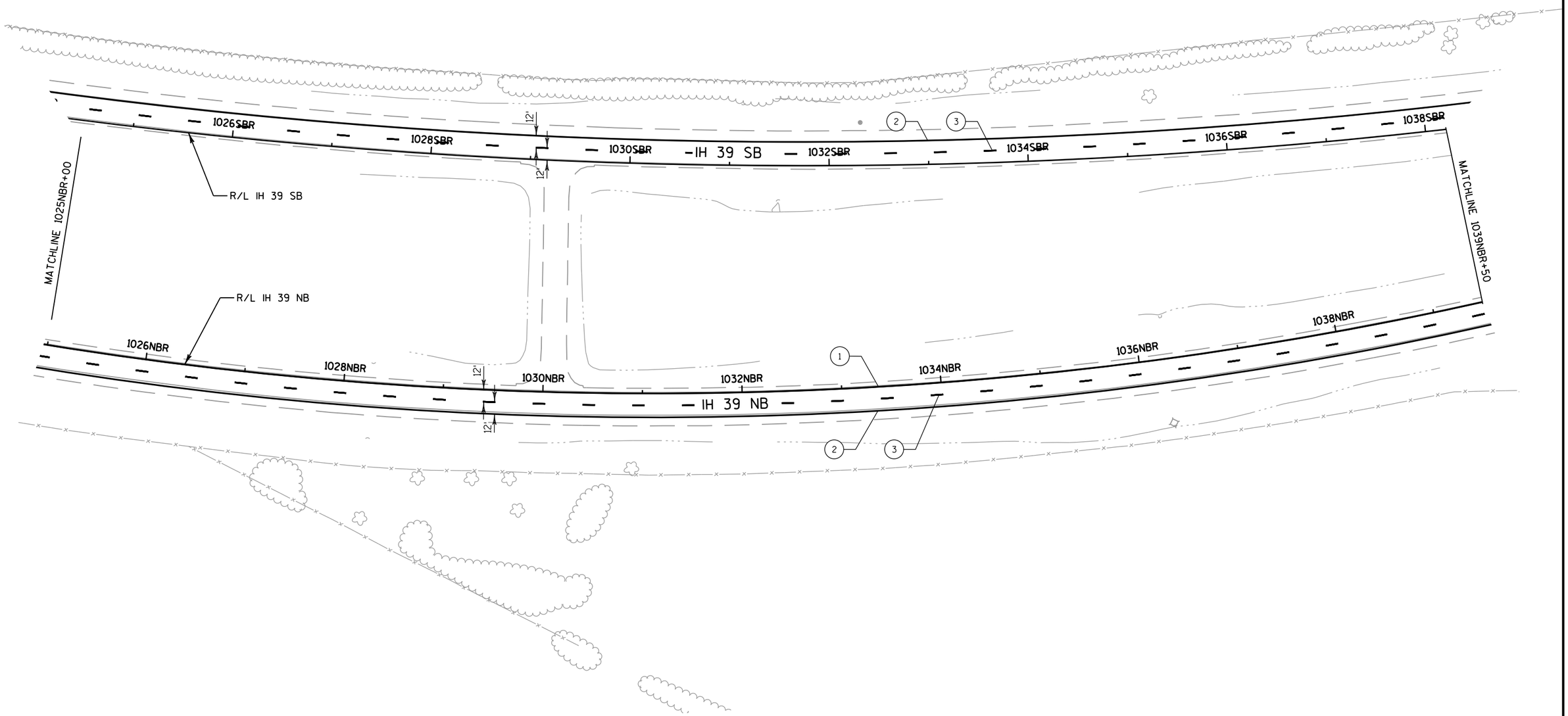
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 113	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022227_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



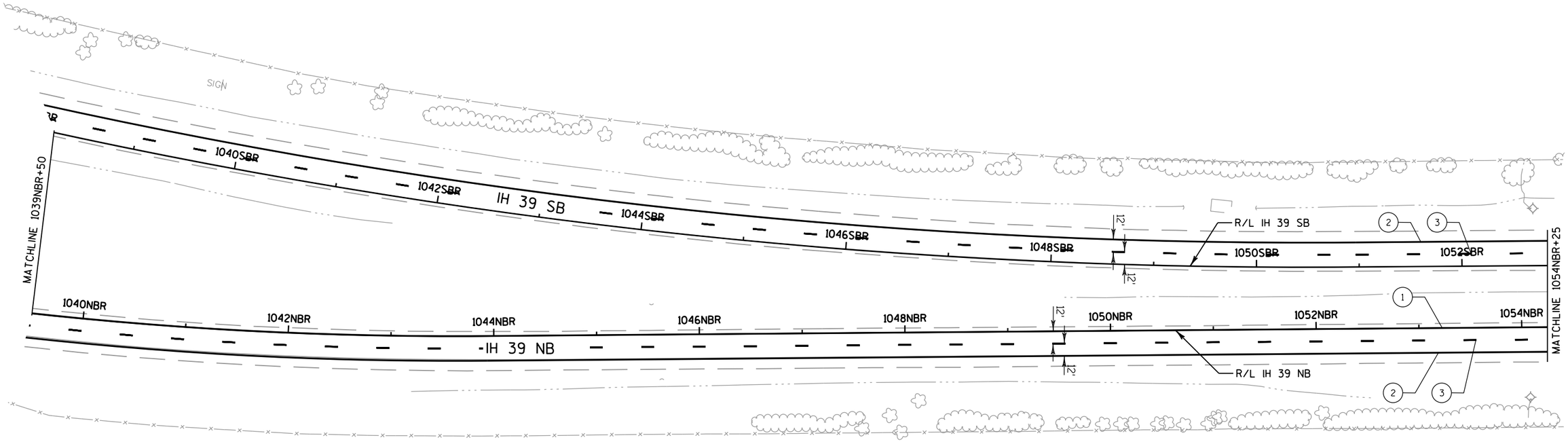
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022228_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

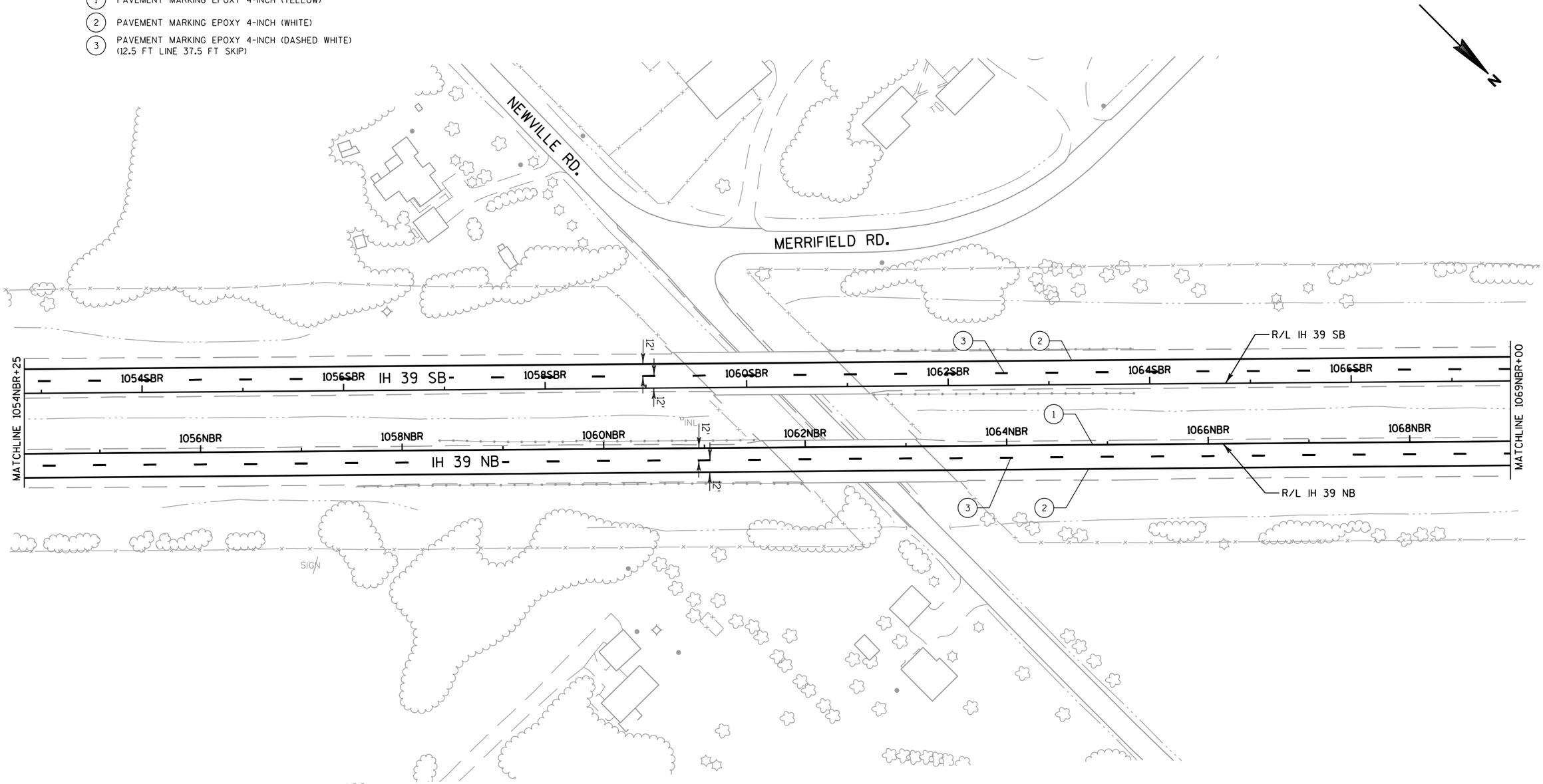


PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 115	E

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



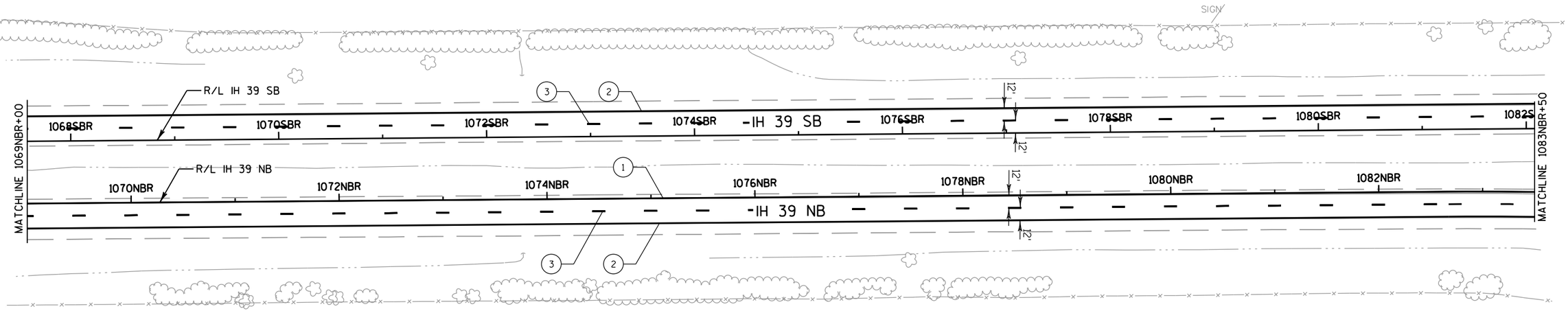
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022230_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

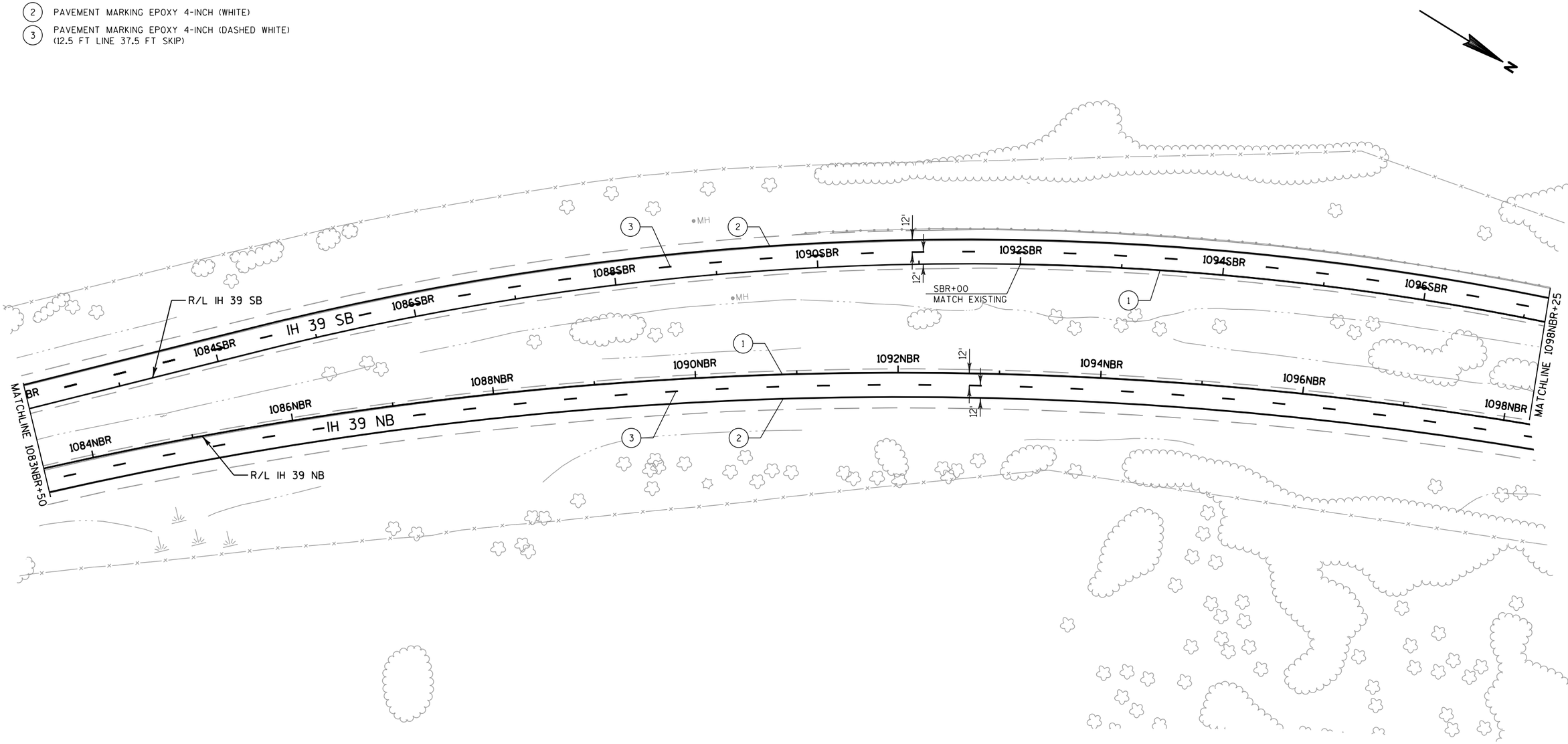


PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 117	E

2

LEGEND

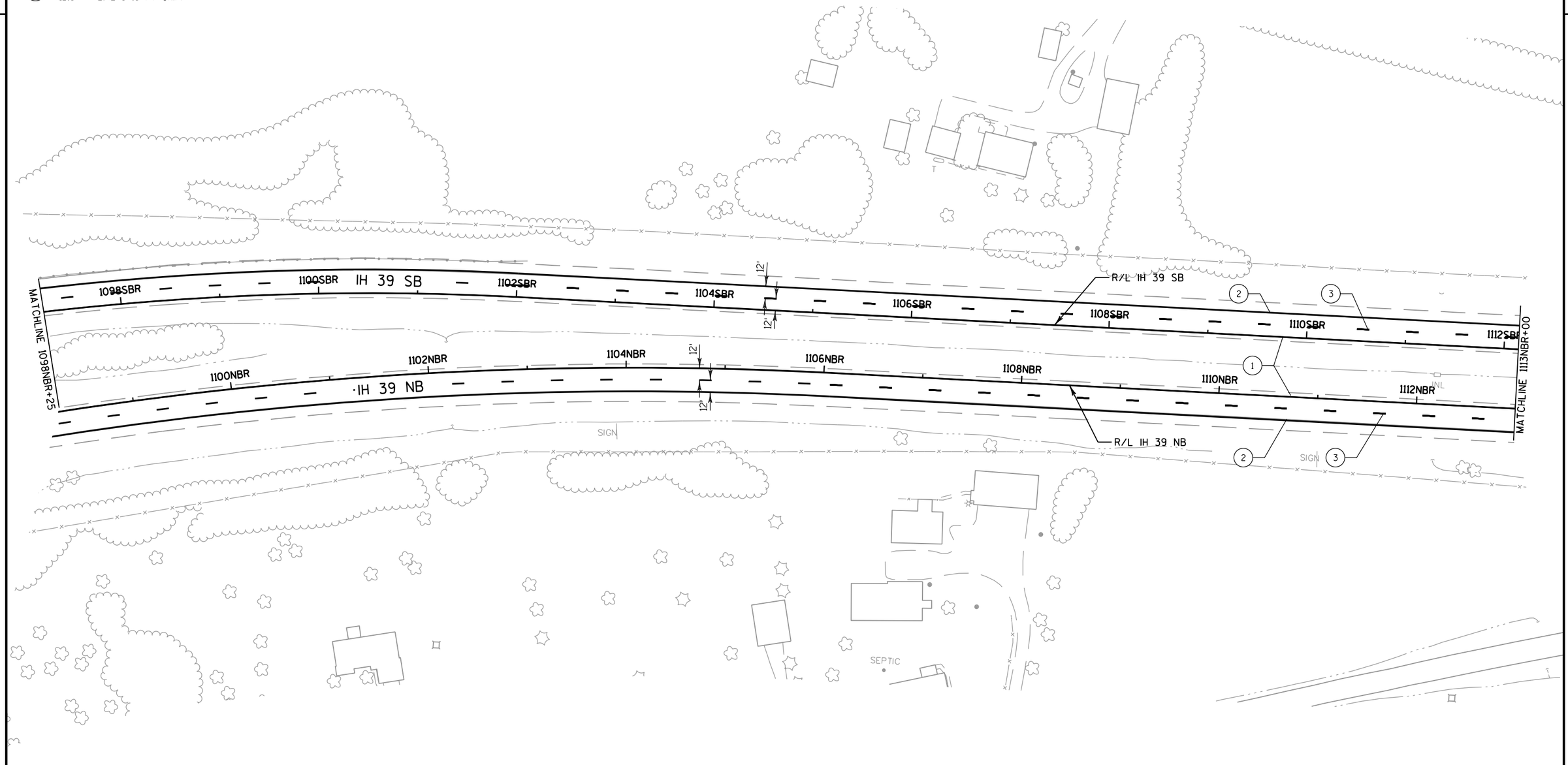
1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 118	E

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



2

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022233_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

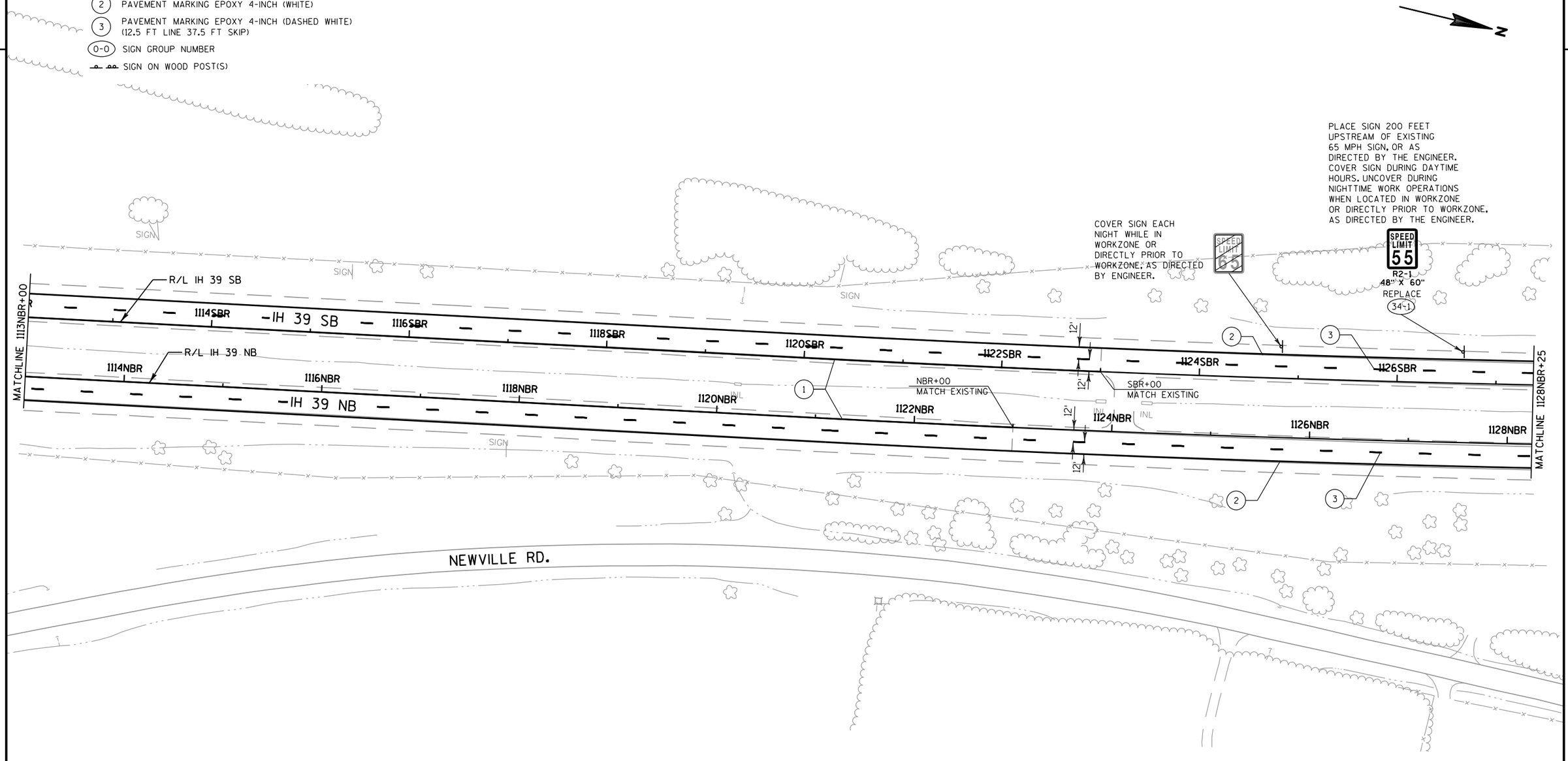
(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

(0-0) SIGN GROUP NUMBER

SIGN ON WOOD POST(S)



NOTE: AT NO TIME SHALL SUCCESSIVE 55 MPH AND 65 MPH SIGNS BE SIMULTANEOUSLY COVERED OR UNCOVERED.

2

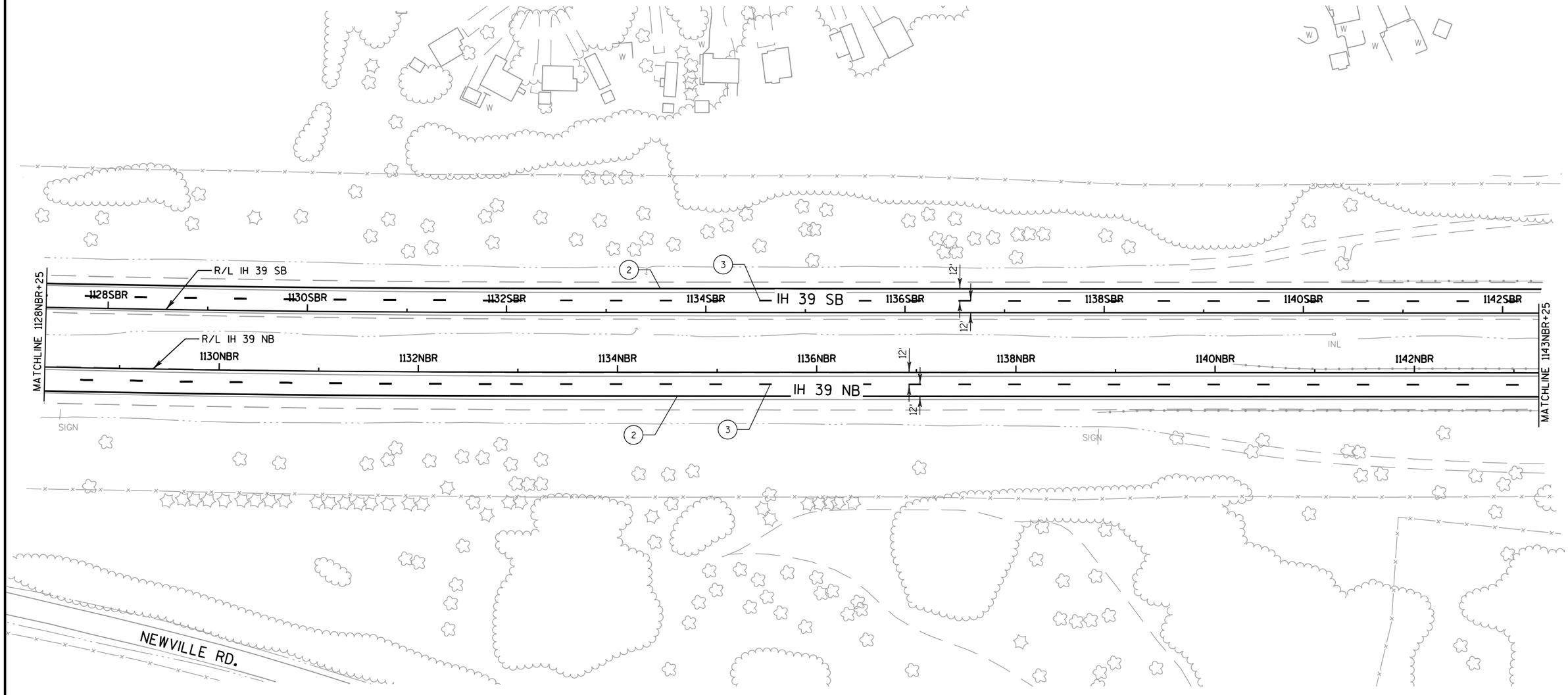
2

LEGEND

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)

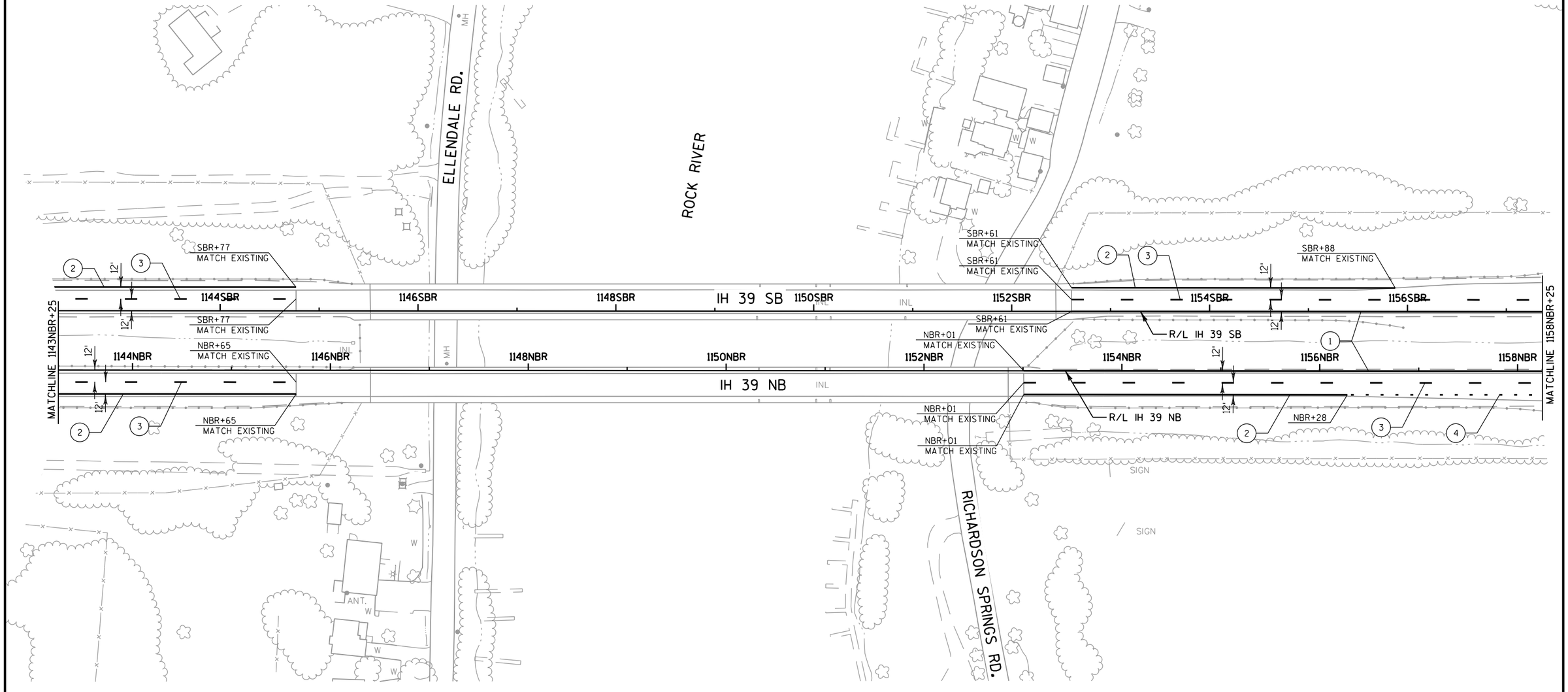
N



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 121	E

LEGEND

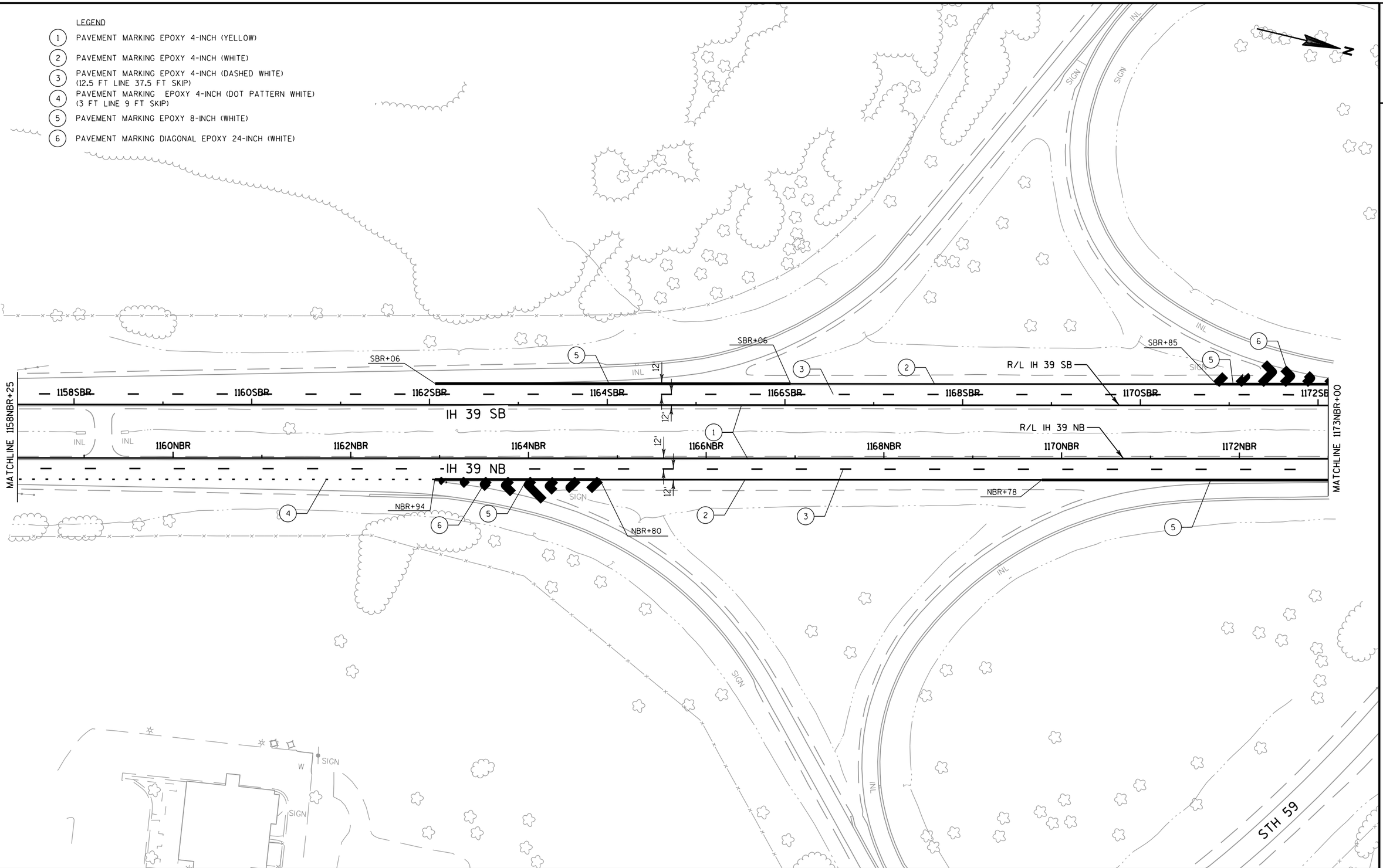
1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 122	E

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)
6. PAVEMENT MARKING DIAGONAL EPOXY 24-INCH (WHITE)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 123	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022237_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)
6. PAVEMENT MARKING DIAGONAL EPOXY 24-INCH (WHITE)

N

STH 59

SIGN

R/L IH 39 SB

SBR+78

SBR+77

W

1174SBR 1176SBR 1178SBR 1180SBR 1182SBR 1184SBR 1186SBR

IH 39 SB

12'

R/L IH 39 NB

1174NBR 1176NBR 1178NBR 1180NBR 1182NBR 1184NBR 1186NBR

IH 39 NB

MATCHLINE 1173NBR+00

MATCHLINE 1188NBR+00

NBR+99

NBR+69
MATCH EXISTING

INL

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 124	E

2

2

LEGEND

(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)

(0-0) SIGN GROUP NUMBER

SIGN ON WOOD POST(S)

N

R/L IH 39 SB

1188SBR 1190SBR 1192SBR 1194SBR 1196SBR 1198SBR 1200SBR 1202SBR

IH 39 SB

12'

INL

MATCHLINE 1188NBR+00

1190NBR 1192NBR 1194NBR 1196NBR 1198NBR 1200NBR 1202NBR

MATCHLINE 1203NBR+00

IH 39 NB

R/L IH 39 NB

SIGN

39-1
REPLACE

SPEED LIMIT 55
R2-1
48" X 60"

PLACE SIGN 200 FEET UPSTREAM OF EXISTING 65 MPH SIGN, OR AS DIRECTED BY THE ENGINEER. COVER SIGN DURING DAYTIME HOURS. UNCOVER DURING NIGHTTIME WORK OPERATIONS WHEN LOCATED IN WORKZONE OR DIRECTLY PRIOR TO WORKZONE, AS DIRECTED BY THE ENGINEER.

SPEED LIMIT 65

COVER SIGN EACH NIGHT WHILE IN WORKZONE OR DIRECTLY PRIOR TO WORKZONE, AS DIRECTED BY ENGINEER.

W

INL

GOEDE RD.

NOTE: AT NO TIME SHALL SUCCESSIVE 55 MPH AND 65 MPH SIGNS BE SIMULTANEOUSLY COVERED OR UNCOVERED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

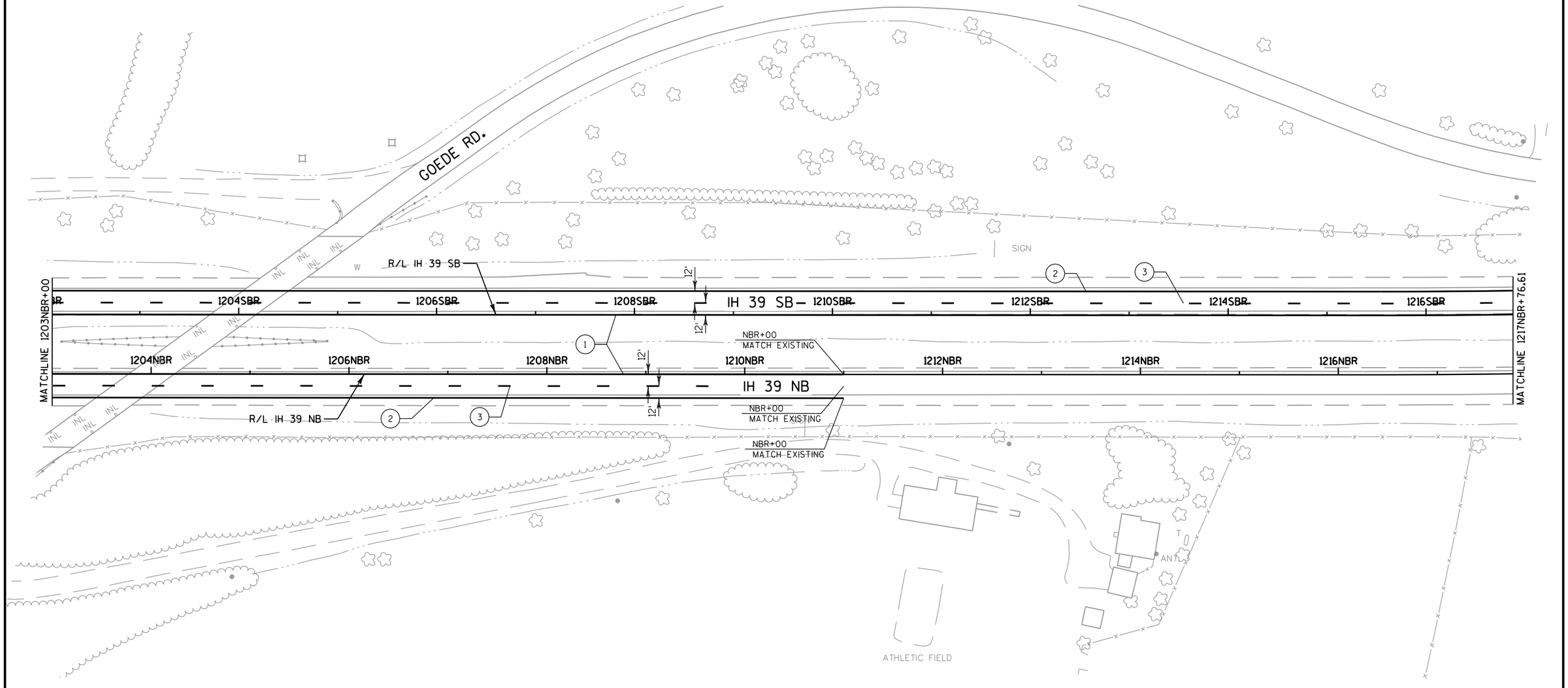
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022239_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 126	E

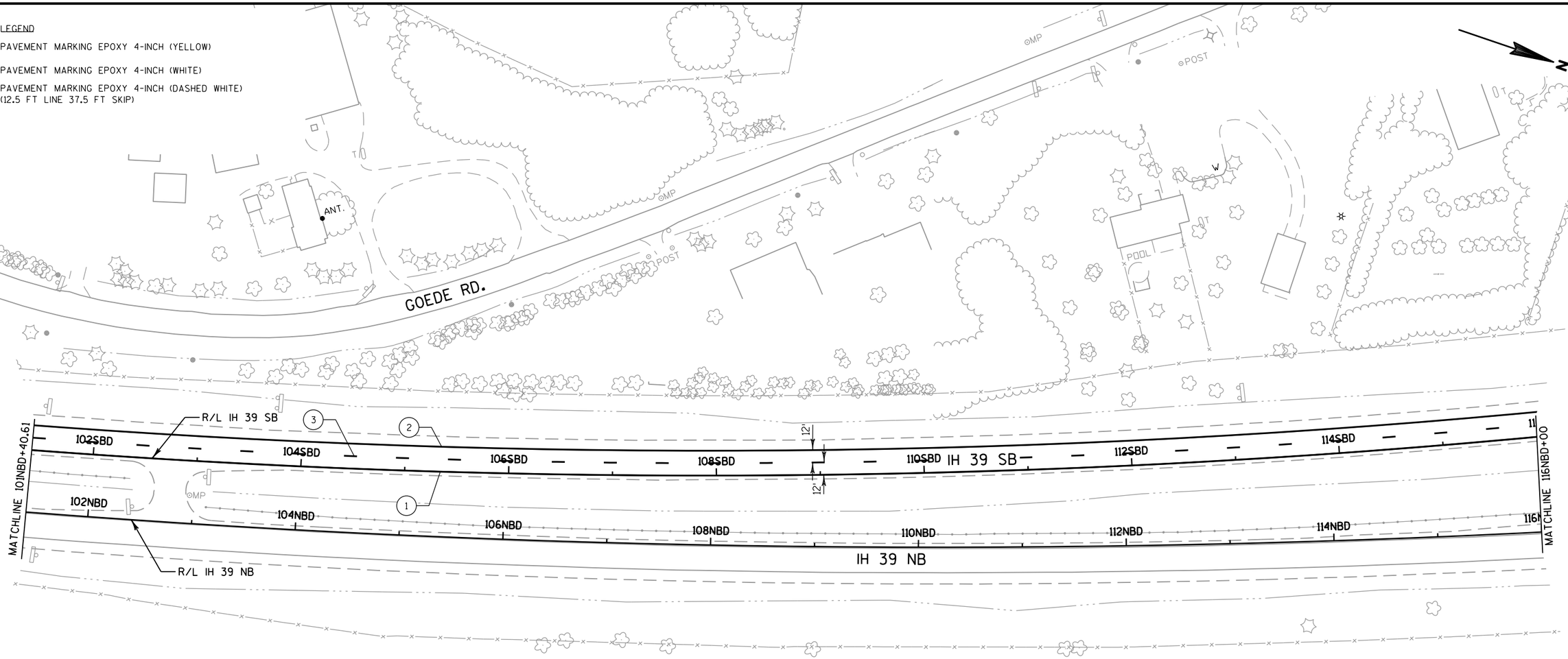
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022240_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)



2

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 127	E

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

N

MATCHLINE 116NBD+00

MATCHLINE 131NBD+00

116SBD 118SBD 120SBD 122SBD 124SBD 126SBD 128SBD 130SBD

IH 39 SB

R/L IH 39 SB

MP

POST

12'

12'

118NBD 120NBD 122NBD 124NBD 126NBD 128NBD 130NBD

IH 39 NB

R/L IH 39 NB

LAKE DRIVE RD.

TOWER

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022242_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

LAKE DRIVE RD.

IH 39 SB

132SBD 134SBD 136SBD 138SBD 140SBD 142SBD 144SBD

12'

12'

R/L IH 39 SB

MATCHLINE 131NBD+00

MATCHLINE 146NBD+00

IH 39 NB

132NBD 134NBD 136NBD 138NBD 140NBD 142NBD 144NBD 146

R/L IH 39 NB

OWER

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022243_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

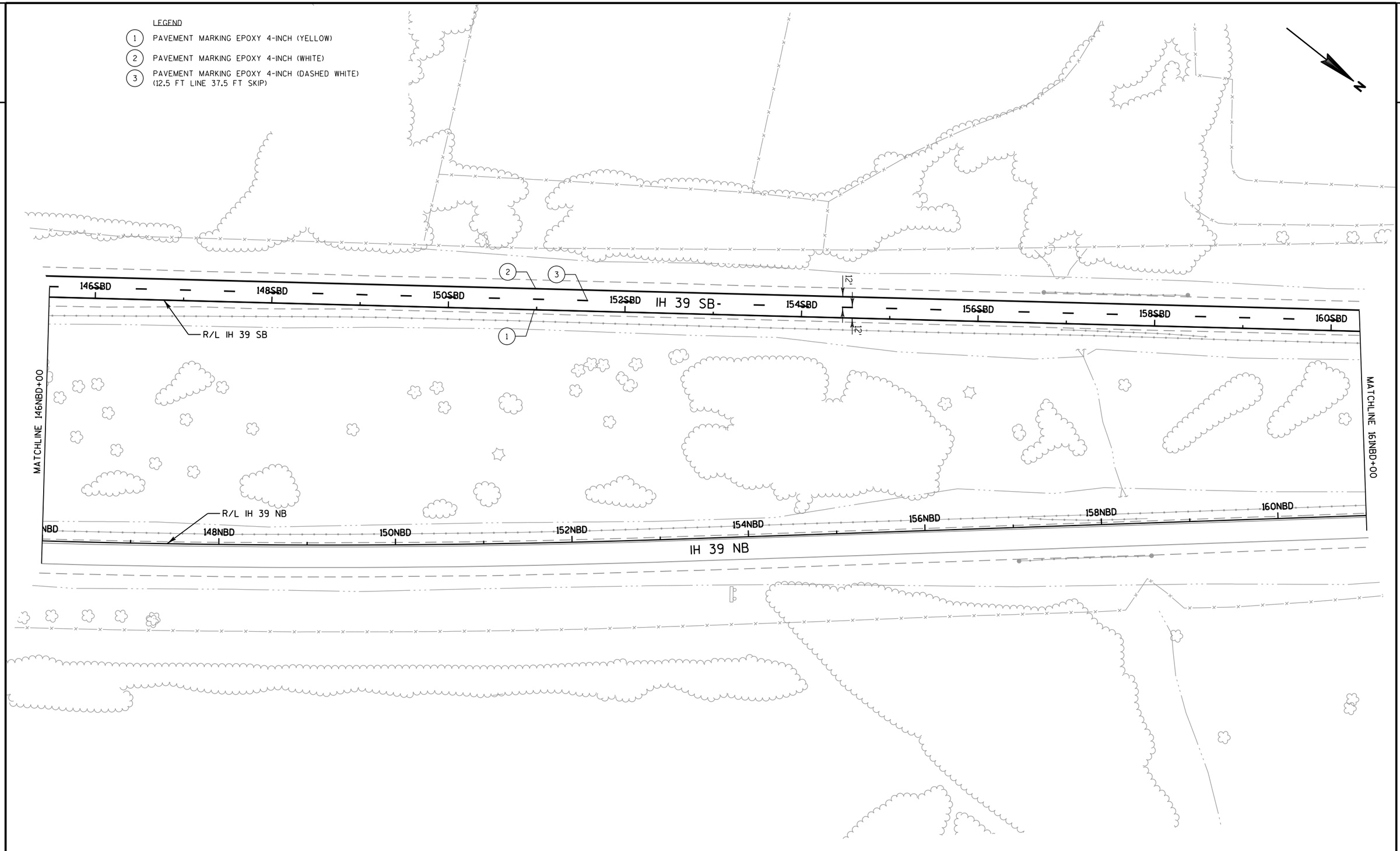
WISDOT/CADDS SHEET 42

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 130	E

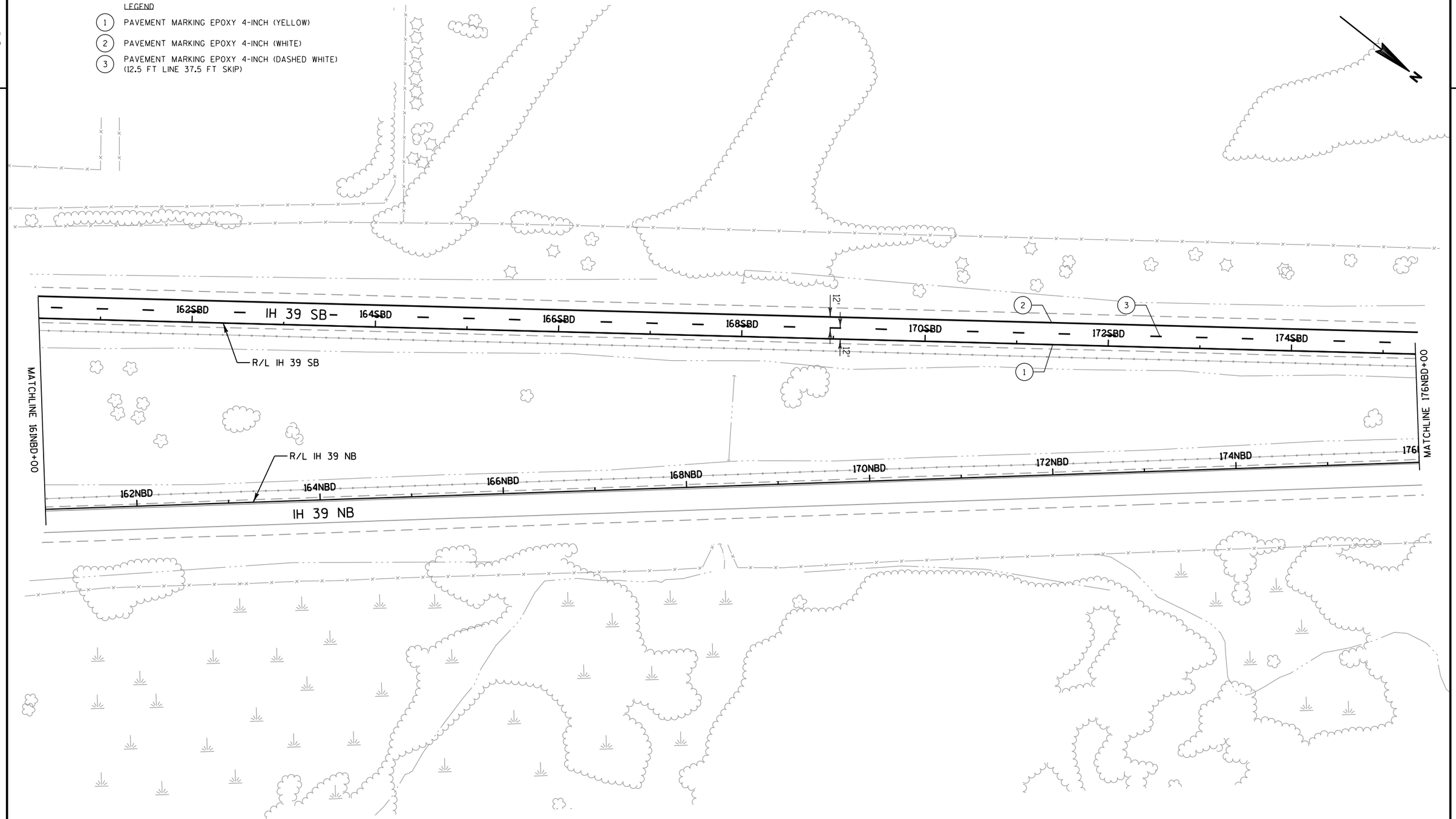
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022244_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

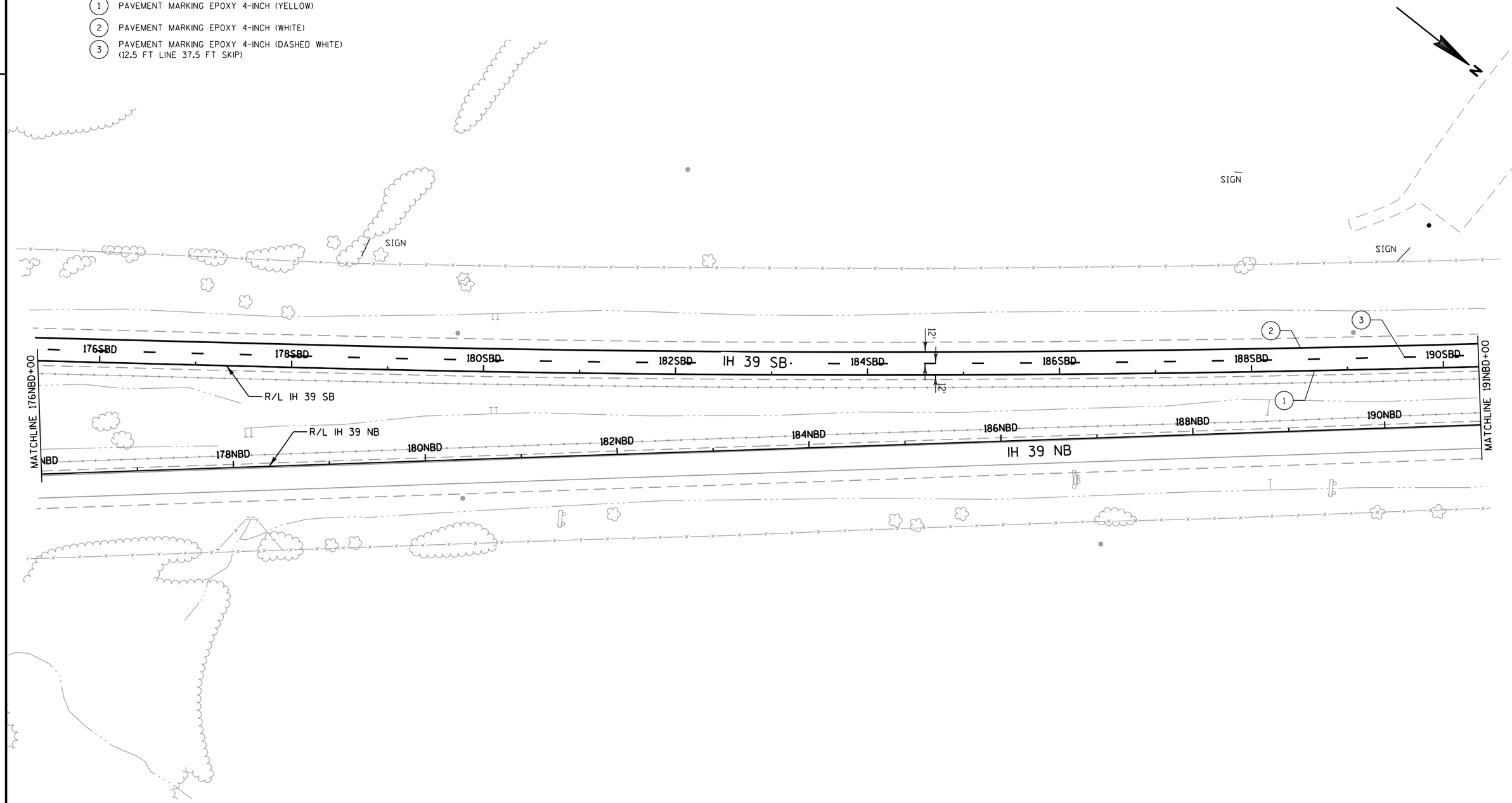
FILE NAME : \\madw00\ingrproj\56199\t1\cds\022245_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



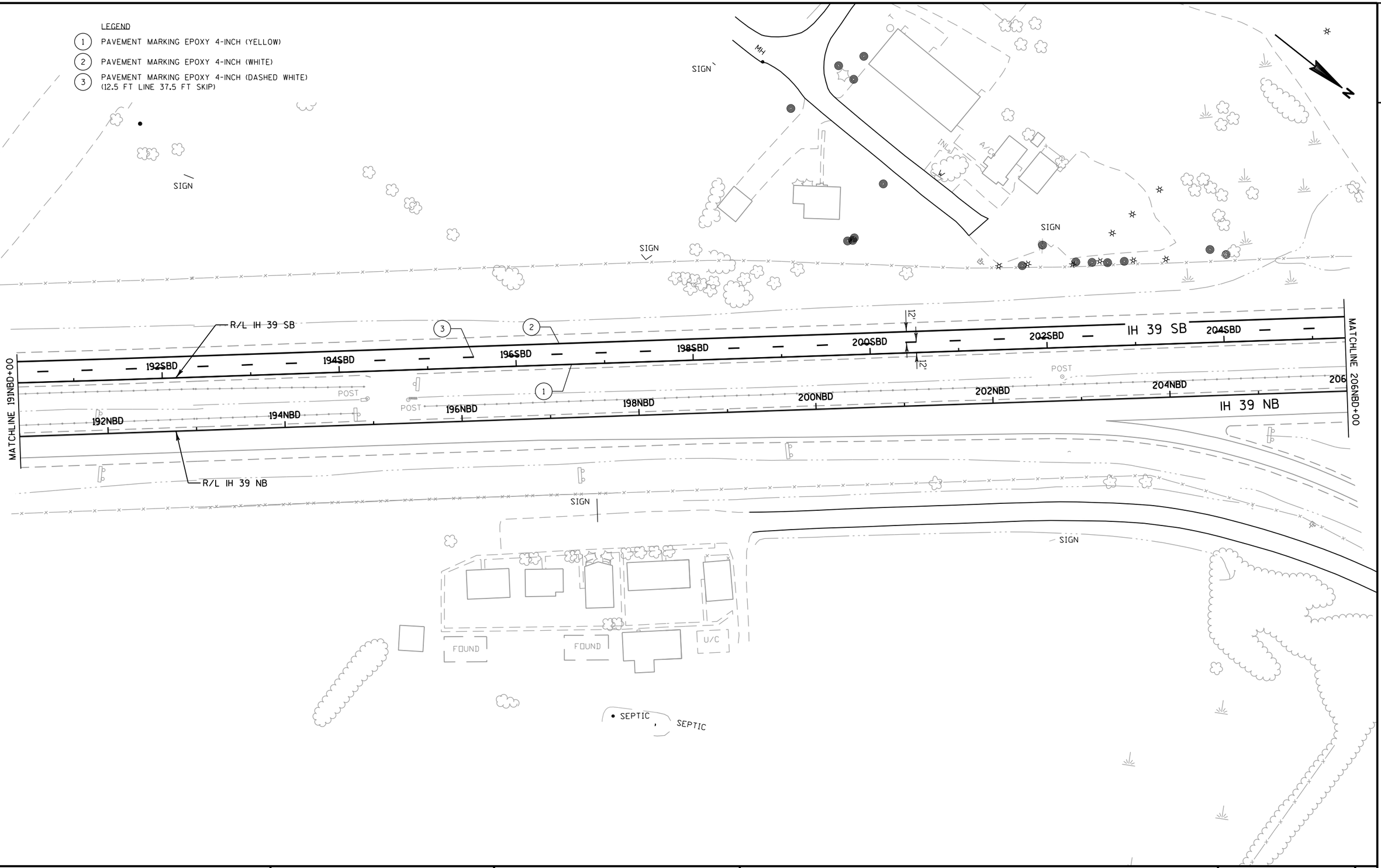
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 132	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022246_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)



PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 133	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022247_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

LEGEND

(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

(5) PAVEMENT MARKING EPOXY 8-INCH (WHITE)

SIGN

SBD+66
MATCH EXISTING

R/L IH 39 SB

IH 39 SB

206SBD 208SBD 210SBD 212SBD 214SBD 216SBD 218SBD 220SBD

SBD+37
MATCH EXISTING

SBD+86

12'

12'

MATCHLINE 206NBD+00

206NBD 208NBD 210NBD 212NBD 214NBD 216NBD 218NBD 220NBD

IH 39 NB

R/L IH 39 NB

MATCHLINE 221NBD+00

POST

POST

POST

STH 73

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022248_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

WISDOT/CADDS SHEET 42

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)
4. PAVEMENT MARKING EPOXY 4-INCH (DOT PATTERN WHITE) (3 FT LINE 9 FT SKIP)
5. PAVEMENT MARKING EPOXY 8-INCH (WHITE)
6. PAVEMENT MARKING DIAGONAL EPOXY 24-INCH (WHITE)

N

SBD+54
SBD+73
SBD+24
R/L IH 39 SB
12'
12'
222SBD
224SBD
226SBD
228SBD
230SBD
IH 39 SB
232SBD
234SBD
MATCHLINE 221NBD+00
MATCHLINE 236NBD+00
222NBD
224NBD
226NBD
228NBD
230NBD
232NBD
234NBD
236
IH 39 NB
R/L IH 39 NB

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\022249_pm.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 100:1

2

2

LEGEND

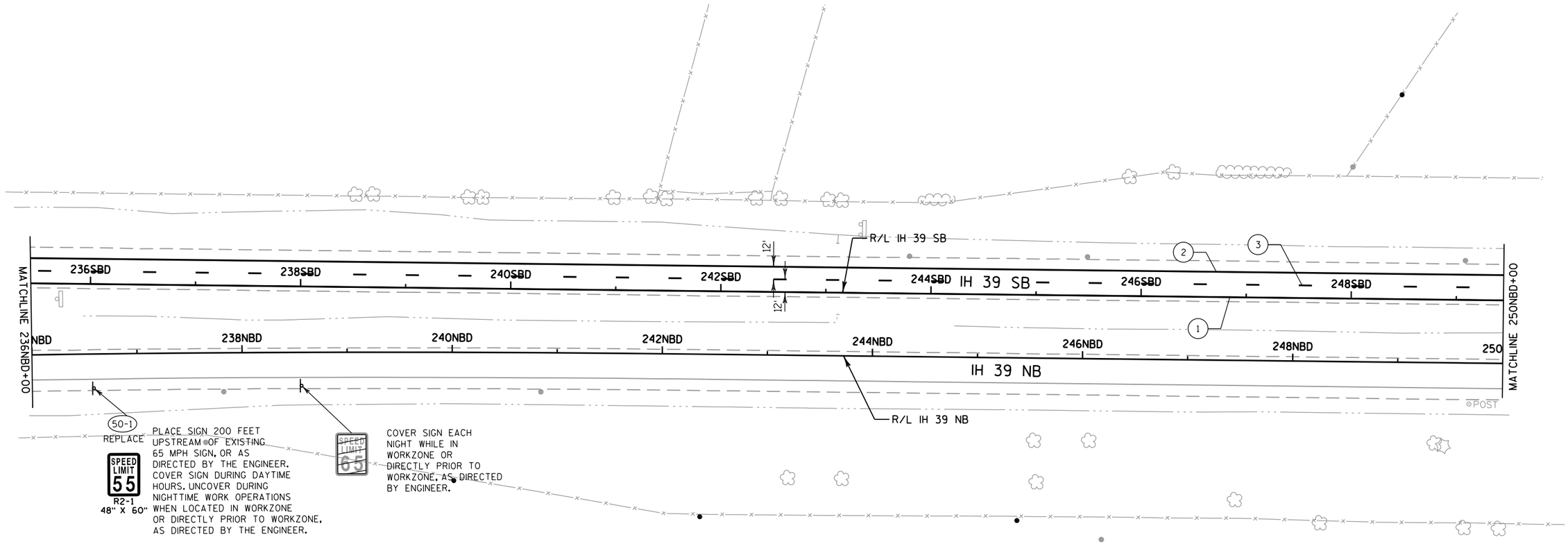
(1) PAVEMENT MARKING EPOXY 4-INCH (YELLOW)

(2) PAVEMENT MARKING EPOXY 4-INCH (WHITE)

(3) PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE)
(12.5 FT LINE 37.5 FT SKIP)

(0-0) SIGN GROUP NUMBER

SIGN ON WOOD POST(S)



NOTE: AT NO TIME SHALL SUCCESSIVE 55 MPH AND 65 MPH SIGNS BE SIMULTANEOUSLY COVERED OR UNCOVERED.

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 136	E

2

2

LEGEND

1. PAVEMENT MARKING EPOXY 4-INCH (YELLOW)
2. PAVEMENT MARKING EPOXY 4-INCH (WHITE)
3. PAVEMENT MARKING EPOXY 4-INCH (DASHED WHITE) (12.5 FT LINE 37.5 FT SKIP)

STH 106

R/L IH 39 SB

12'

12'

250SBD

252SBD

254SBD

256SBD

258SBD

260SBD

262SBD

264SBD

IH 39 SB

SBD+80 MATCH EXISTING

SBD+81 MATCH EXISTING

SBD+81 MATCH EXISTING

MATCHLINE 250NBD+00

250NBD

252NBD

254NBD

256NBD

258NBD

260NBD

262NBD

264NBD

IH 39 NB

R/L IH 39 NB

INL

INL

W

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	SIGNING & PAVEMENT MARKING	SHEET 137	E

2

GENERAL NOTES FOR TRAFFIC CONTROL

1) THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGN DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

2) CONFLICTING TRAFFIC SIGNS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER. CONFLICTING SIGNS WILL BE COVERED USING THE STANDARD BID ITEM, TRAFFIC CONTROL COVERING SIGNS.

3) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

4) FOR NIGHTTIME OPERATION, ALL DRUMS IN TAPERS SHALL HAVE A TYPE C STEADY BURN WARNING LIGHT.

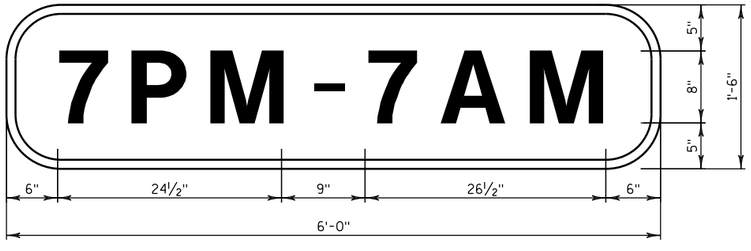
5) ALL TYPE III BARRICADES SHALL BE 8' WIDE, UNLESS OTHERWISE NOTED, AND EQUIPPED WITH TWO TYPE A (LOW INTENSITY FLASHING) LIGHTS.

6) ALL TRAFFIC CONTROL SIGNING SHALL CONFORM TO PART VI OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, THE WISCONSIN SUPPLEMENT TO THE MUTCD, AND OTHER CONTRACT DOCUMENTS.

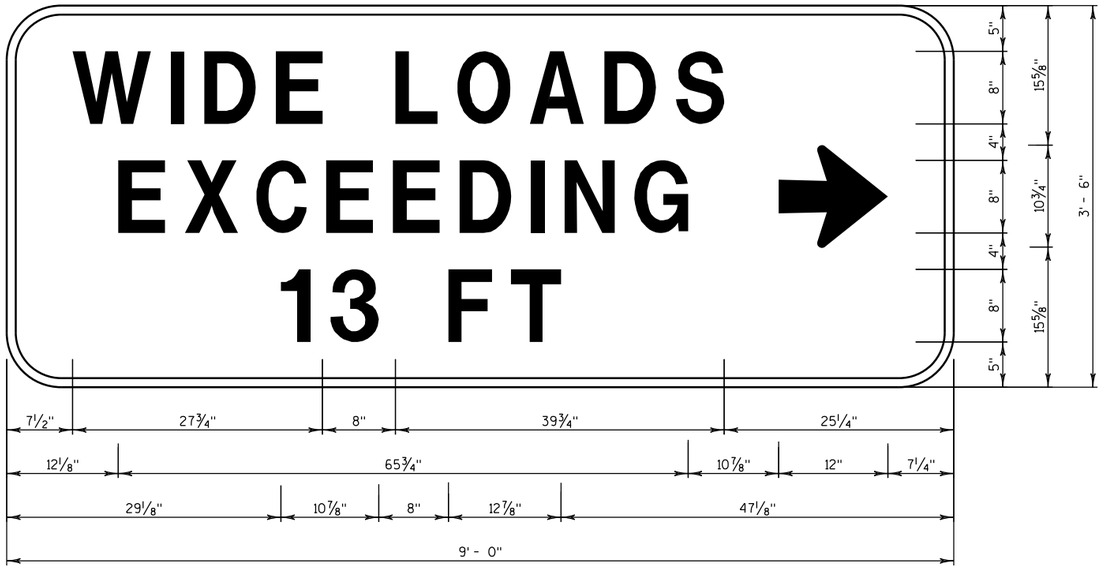
7) TURNING TRAFFIC CONTROL DEVICES WHEN NOT IN USE TO OBSCURE THE MESSAGE WILL NOT BE ALLOWED.

8) CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

9) ALL PAVEMENT MARKINGS MUST BE RESTORED AT THE END OF EACH NIGHT'S WORK SESSION. IF ADDITIONAL WORK IS REQUIRED ON A PARTICULAR LANE LINE, INSTALL TEMPORARY PAVEMENT MARKINGS. FINAL MARKINGS MUST BE PLACED PRIOR TO THE END OF THE CONTRACT.



3.00" RADIUS, 1.00" BORDER



3.00" RADIUS, 1.00" BORDER

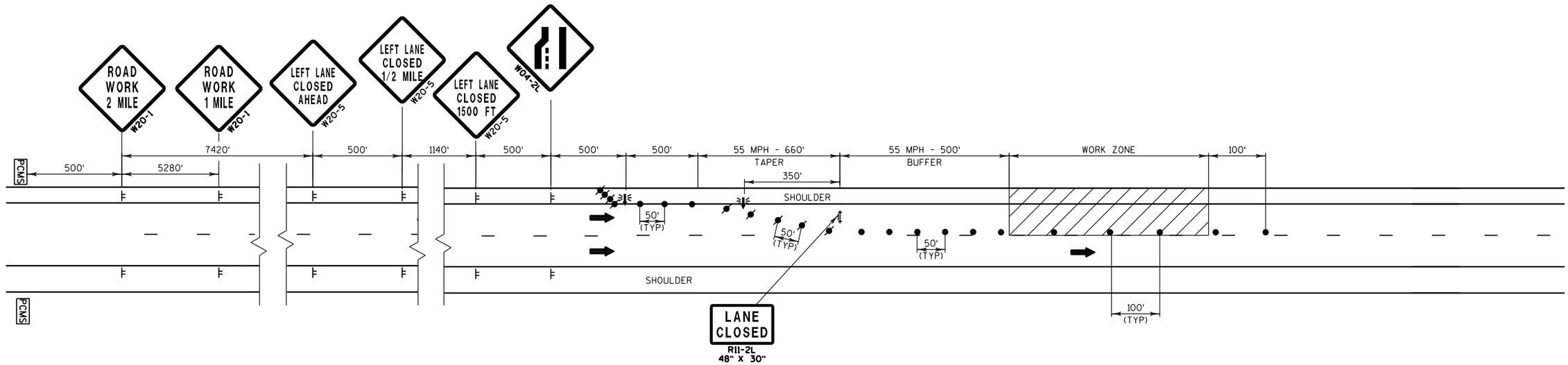
NOTES

1) SIGNS SHOWN ARE TYPE II - TYPE H REFLECTIVE. REFERENCE WISDOT "STANDARD SPECIFICATION FOR HIGHWAY AND STRUCTURE CONSTRUCTION" LATEST EDITION

2) COLOR: BACKGROUND=WHITE, MESSAGE=BLACK

3) MESSAGE SERIES: E

2



TYPE III BARRICADE SPACED
EVERY 1/4 MILE IN WORK ZONE

NOTES:

1) THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

2) ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN)

3) ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

4) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

5) WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS, STANDARD DETAIL DRAWINGS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

6) ALL SHORT TERM LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL ARROWBOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

7) UTILIZE NIGHT TIME CLOSURE FOR ALL CONSTRUCTION ACTIVITIES. HOURS FOR NIGHT TIME CLOSURE SHALL ADHERE TO THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

8) DETAIL IS TYPICAL FOR NB AND SB DIRECTIONS.

9) THIS LANE CLOSURE IS TYPICAL FOR CLOSING LEFT LANE - REVERSE FOR CLOSING RIGHT LANE.

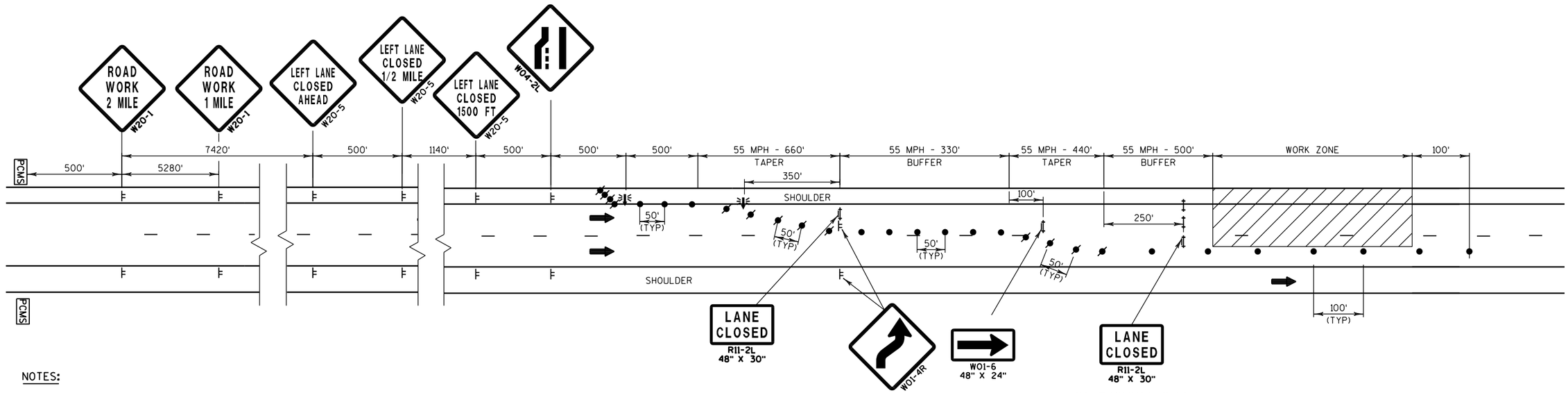
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH LIGHT TYPE C
- WORK ZONE
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A AND ATTACHED SIGN
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A
- TRAFFIC CONTROL ARROW BOARD
- DIRECTION OF TRAFFIC
- PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE

TYPICAL SINGLE (LEFT OR RIGHT) LANE NIGHT TIME CLOSURE

SEGMENTS 1 (NB) AND 5 (NB) - STAGES 1 & 5
SEGMENT 3 (NB) - STAGES 1 & 5
SEGMENT 4 (NB) - STAGES 1 & 5
SEGMENT 7 (NB) - STAGES 1, 4 & 5
SEGMENTS 1 (SB) AND 3 (SB) - STAGES 1 & 5
SEGMENTS 2 (SB) AND 4 (SB) - STAGES 1 & 5
SEGMENT 6 (SB) - STAGES 1, 4 & 5
SEGMENT 7 (SB) - STAGES 1 & 5

2



TYPE III BARRICADE SPACED EVERY 1/4 MILE IN WORK ZONE

TYPICAL SINGLE (LEFT) LANE NIGHT TIME CLOSURE

SEGMENTS 1 (NB) AND 5 (NB) - STAGE 2B
SEGMENT 3 (NB) - STAGES 2A, 2B & 4
SEGMENT 4 (NB) - STAGES 2A, 2B & 4
SEGMENT 7 (NB) - STAGES 2A & 2B
SEGMENTS 1 (SB) AND 3 (SB) - STAGES 2A, 2B & 4
SEGMENTS 2 (SB) AND 4 (SB) - STAGE 2B
SEGMENT 6 (SB) - STAGE 2A
SEGMENT 7 (SB) - STAGES 2A, 2B & 4

NOTES:

1) THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

2) ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN)

3) ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

4) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

5) WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS, STANDARD DETAIL DRAWINGS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

6) ALL SHORT TERM LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL ARROWBOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

7) UTILIZE NIGHT TIME CLOSURE FOR ALL CONSTRUCTION ACTIVITIES. HOURS FOR NIGHT TIME CLOSURE SHALL ADHERE TO THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

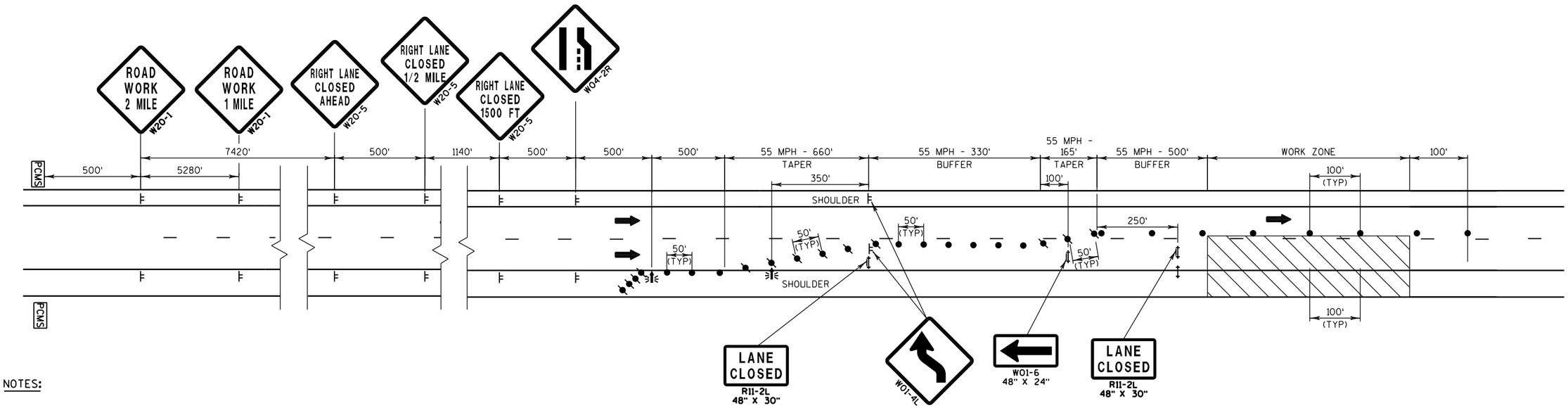
8) DETAIL IS TYPICAL FOR NB AND SB DIRECTIONS.

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH LIGHT TYPE C
- WORK ZONE
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A AND ATTACHED SIGN
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A
- TRAFFIC CONTROL ARROW BOARD
- DIRECTION OF TRAFFIC
- PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE

PROJECT NO: 1001-62-01	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL CONSTRUCTION DETAILS	SHEET 140	E

2



TYPE III BARRICADE SPACED EVERY 1/4 MILE IN WORK ZONE

NOTES:

1) THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

2) ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN)

3) ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

4) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

5) WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS, STANDARD DETAIL DRAWINGS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

6) ALL SHORT TERM LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL ARROWBOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

7) UTILIZE NIGHT TIME CLOSURE FOR ALL CONSTRUCTION ACTIVITIES. HOURS FOR NIGHT TIME CLOSURE SHALL ADHERE TO THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

8) DETAIL IS TYPICAL FOR NB AND SB DIRECTIONS.

TYPICAL SINGLE (RIGHT) LANE NIGHT TIME CLOSURE

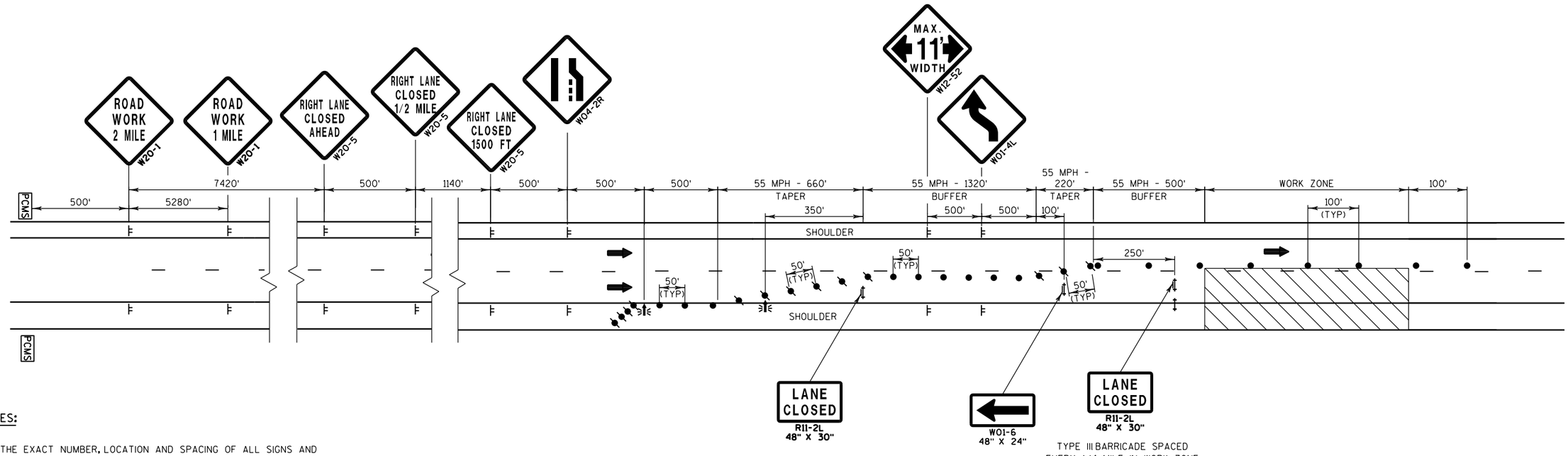
SEGMENT 3 (NB) - STAGES 3A, 3B & 3C
SEGMENT 4 (NB) - STAGES 3A & 3B
SEGMENT 7 (NB) - STAGE 3A
SEGMENTS 1 (SB) AND 3 (SB) - STAGES 3A & 3B
SEGMENT 6 (SB) - STAGE 3A
SEGMENT 7 (SB) - STAGES 3A, 3B & 3C

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH LIGHT TYPE C
- WORK ZONE
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A AND ATTACHED SIGN
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A
- TRAFFIC CONTROL ARROW BOARD
- DIRECTION OF TRAFFIC
- PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE

PROJECT NO: 1001-62-01	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL CONSTRUCTION DETAILS	SHEET 141	E

2



NOTES:

1) THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

2) ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN)

3) ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

4) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

5) WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS, STANDARD DETAIL DRAWINGS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

6) ALL SHORT TERM LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL ARROWBOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

7) UTILIZE NIGHT TIME CLOSURE FOR ALL CONSTRUCTION ACTIVITIES. HOURS FOR NIGHT TIME CLOSURE SHALL ADHERE TO THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

8) DETAIL IS TYPICAL FOR NB AND SB DIRECTIONS.

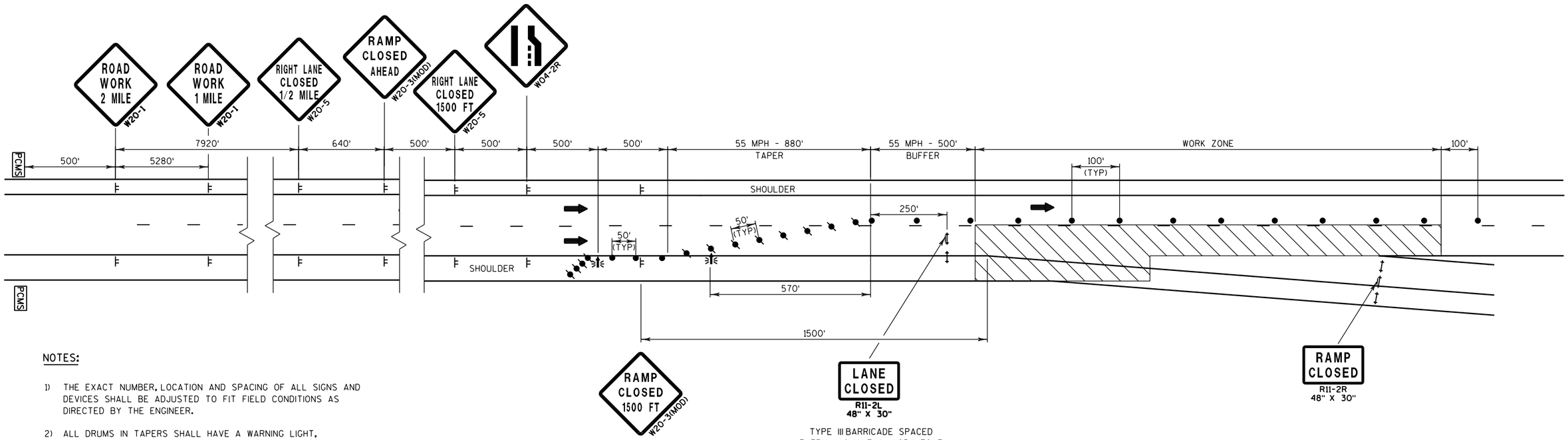
LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH LIGHT TYPE C
- WORK ZONE
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A AND ATTACHED SIGN
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A
- TRAFFIC CONTROL ARROW BOARD
- DIRECTION OF TRAFFIC
- PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE

TYPICAL ONE-LANE NIGHT TIME CLOSURE

SEGMENT 4 (NB) - STAGE 3C
SEGMENTS 1 (SB) AND 3 (SB) - STAGE 3C

2



TYPE III BARRICADE SPACED
EVERY 1/4 MILE IN WORK ZONE

TYPICAL ONE-LANE NIGHT TIME CLOSURE WITH CLOSED RAMP

NOTES:

1) THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

2) ALL DRUMS IN TAPERS SHALL HAVE A WARNING LIGHT, TYPE C (STEADY BURN)

3) ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

4) "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

5) ALL SHORT TERM LANE CLOSURE SIGNS SHALL BE REMOVED OR COVERED AND ALL ARROWBOARDS AND DEVICES REMOVED BEYOND THE SHOULDER WHEN THE WORK IS NOT IN PROGRESS AND THE LANE IS RESTORED TO A SAFE OPERATING CONDITION.

6) UTILIZE NIGHT TIME CLOSURE FOR ALL CONSTRUCTION ACTIVITIES. HOURS FOR NIGHT TIME CLOSURE SHALL ADHERE TO THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

7) DETAIL IS TYPICAL FOR NB AND SB DIRECTIONS.

8) SEE S.D.D. TRAFFIC CONTROL, EXIT RAMP CLOSURE FOR ADDITIONAL NOTES AND DETAILS.

LEGEND

- TRAFFIC CONTROL DRUM
- TRAFFIC CONTROL DRUM WITH LIGHT TYPE C
- WORK ZONE
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A AND ATTACHED SIGN
- TRAFFIC CONTROL BARRICADE TYPE III WITH LIGHT TYPE A
- TRAFFIC CONTROL ARROW BOARD
- DIRECTION OF TRAFFIC
- PCMS TRAFFIC CONTROL SIGN PORTABLE CHANGEABLE MESSAGE

PROJECT NO: 1001-62-01	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL CONSTRUCTION DETAILS	SHEET 143	E

SEGMENT LIMITS (NB)

SEGMENT 8 (NB)
GOEDE ROAD TO STH 106
STA. 1211NBR+00 TO 259NBD+55
(NO WORK)

SEGMENT 7 (NB)
ROCK RIVER TO 700 FEET NORTH OF GOEDE ROAD
STA. 1153NBR+01 TO 1211NBR+00

SEGMENT 6 (NB)
ROCK RIVER BRIDGE
STA. 1145NBR+65 TO 1153NBR+01
(NO WORK)

SEGMENT 5 (NB)
2300 FEET SOUTH OF THE ROCK RIVER TO ROCK RIVER
STA. 1123NBR+00 TO 1145NBR+65

SEGMENT 4 (NB)
750 FEET NORTH OF MANOGUE ROAD TO 2300 FEET SOUTH OF ROCK RIVER
STA. TO 938NBR+50 TO 1123NBR+00

SEGMENT 3 (NB)
1350 FEET NORTH OF KENNEDY ROAD TO 750 FEET NORTH OF MANOGUE ROAD
STA. 808NBR+00 TO 938NBR+50

SEGMENT 2 (NB)
4000 FEET SOUTH OF USH 14 TO 1350 FEET NORTH OF KENNEDY
STA. 661NBR+00 TO 808NBR+00
(NO WORK)

SEGMENT 1 (NB)
E. MILWAUKEE STREET TO 4000 FEET SOUTH OF USH 14
STA. 628NBR+80 TO 661NBR+00

NOTE:
SEE PLAN OVERVIEW SHEETS FOR SEGMENT LIMIT LOCATIONS IN PLAN VIEW.

STAGE 1 - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING INSIDE LANE.
CLOSURE OF OUTSIDE LANE AND SHOULDER ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"

CLOSURE OF OUTSIDE SHOULDER ALSO ALLOWED DURING DAY TIME WORK HOURS FOR ADJUSTING BEAM GUARD AND SECURING STRUCTURE COVERS ONLY.
- USE S.D.D. "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED HIGHWAY, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENTS 1 (NB) AND 5 (NB)
1. SECURE STRUCTURE COVERS
2. MILL EXISTING OUTSIDE EDGEOF LANE AND SHOULDER (6-FOOT WIDE) ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 3 (NB)
1. SECURE STRUCTURE COVERS
2. ADJUST EXISTING OUTSIDE SHOULDER BEAM GUARD.
3. REPAIR OR REPLACE OUTSIDE SHOULDER CONCRETE PAVEMENT SHES.
4. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
5. REMOVE OUTSIDE SHOULDER RUMBLE STRIPS 2.5-INCH AND REPLACE WITH 1.75-INCH HMA PAVEMENT,
6. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.

SEGMENT 4 (NB)
1. SECURE STRUCTURE COVERS
2. REPAIR OR REPLACE OUTSIDE SHOULDER CONCRETE PAVEMENT SHES.
3. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
4. MILL EXISTING OUTSIDE SHOULDER ASPHALT RUMBLE STRIP 2-INCH AND REPLACE WITH 2-INCH HMA PAVEMENT TYPE E-10 (2-FT. WIDE)

SEGMENT 7 (NB)
1. SECURE STRUCTURE COVERS
2. REMOVE EXISTING OUTSIDE SHOULDER ASPHALT PAVEMENT 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10. PREPARE FOUNDATION FOR ASPHALTIC SHOULDER.
3. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
4. FILL EXISTING OUTSIDE RUMBLE STRIP

STAGE 2A - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING OUTSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF INSIDE LANE AND SHOULDER AND PARTIAL OUTSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENT 3 (NB)
1. REPAIR OR REPLACE INSIDE LANE AND SHOULDER CONCRETE PAVEMENT SHES.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 4 (NB)
1. REPAIR OR REPLACE INSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES.
2. REPAIR OR REPLACE INSIDE SHOULDER CONCRETE PAVEMENT SHES.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (NB)
1. REPAIR OR REPLACE INSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 2B - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING OUTSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF INSIDE LANE AND SHOULDER AND PARTIAL OUTSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENTS 1 (NB) AND 5 (NB)
1. MILL EXISTING CENTERLINE (3-FOOT WIDE) ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 3 (NB)
1. PAVE EXISTING INSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (LOWER LAYER)
2. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 4 (NB)
1. MILL EXISTING INSIDE LANE AND SHOULDER ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (LOWER LAYER) (AFTER MILLING OPERATION, LOCATE ANY UNDERLYING CONCRETE REPAIRS, AS DIRECTED BY THE ENGINEER. CONCRETE REPAIRS SHALL BE PERFORMED AFTER PAVING LOWER LAYER).
2. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
3. REPAIR INSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
4. REPAIR INSIDE SHOULDER CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (NB)
1. REMOVE EXISTING INSIDE SHOULDER ASPHALT PAVEMENT 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10.
2. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
3. PLACE ASPHALT SURFACE PATCHING IN SPALLED AREAS AT INTERSECTING JOINT LOCATIONS NOT REQUIRING CONCRETE REPAIR OR REPLACEMENT.
4. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 3A - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING INSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF OUTSIDE LANE AND SHOULDER AND PARTIAL INSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"
- USE S.D.D. "TRAFFIC CONTROL, EXIT RAMP CLOSURE"

CONSTRUCTION
SEGMENT 3 (NB)
1. REPAIR OR REPLACE OUTSIDE LANE CONCRETE PAVEMENT SHES.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 4 (NB)
1. REPAIR OR REPLACE OUTSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (NB)
1. REPAIR OR REPLACE OUTSIDE LANE CONCRETE PAVEMENT SHES.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 3B - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING INSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF OUTSIDE LANE AND SHOULDER AND PARTIAL INSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"
- USE S.D.D. "TRAFFIC CONTROL, EXIT RAMP CLOSURE"

CONSTRUCTION
SEGMENT 3 (NB)

1. PRIOR TO PAVING OUTSIDE LOWER LAYER, MILL APSHALT OVERLAY AND CONCRETE REPAIR TAPERED AND NOTCHED LONGITUDINAL JOINT.
2. PRIOR TO PAVING LOWER LAYER, PLACE ASPHALT SURFACE PATCHING IN SPALLED AREAS AT INTERSECTING JOINT LOCATIONS NOT REQUIRING CONCRETE REPAIR OR REPLACEMENT.
3. PAVE EXISTING OUTSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (LOWER LAYER)
4. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 4 (NB)

1. MILL EXISTING OUTSIDE LANE AND SHOULDER ASPHALT PAVEMENT 3.5-INCH AND REPLACE 1.75-INCH HMA PAVEMENT TYPE E-10. (LOWER LAYER) (AFTER MILLING OPERATION, LOCATE ANY UNDERLYING CONCRETE REPAIRS, AS DIRECTED BY THE ENGINEER. CONCRETE REPAIRS SHALL BE PERFORMED AFTER PAVING LOWER LAYER).
2. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
3. REPAIR OUTSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
4. REPAIR OUTSIDE SHOULDER CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 3C - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING INSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF OUTSIDE LANE AND SHOULDER AND PARTIAL INSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"
- USE S.D.D. "TRAFFIC CONTROL, EXIT RAMP CLOSURE"

CONSTRUCTION
SEGMENT 3 (NB)

1. PAVE OUTSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 4 (NB)

1. PAVE OUTSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. PERFORM PAVING BLOCK REPAIR (B-53-77) IN OUTSIDE LANE AND SHOULDER.
3. PAVE BRIDGE OVERLAY (B-53-73, B-53-75, AND B-53-77) IN OUTSIDE LANE AND SHOULDER.
4. ROUT AND SEAL JOINTS IN OUTSIDE LANE AND SHOULDER.
5. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
6. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 4 - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING OUTSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF INSIDE LANE AND SHOULDER AND PARTIAL OUTSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENT 3 (NB)

1. PAVE INSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. INSTALL INSIDE ASPHALTIC SHOULDER RUMBLE STRIP
3. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
4. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 4 (NB)

1. PAVE INSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. PERFORM PAVING BLOCK REPAIR (B-53-77) IN INSIDE LANE AND SHOULDER.
3. PAVE BRIDGE OVERLAY (B-53-73, B-53-75, AND B-53-77) IN INSIDE LANE AND SHOULDER.
4. ROUT AND SEAL JOINTS IN INSIDE LANE AND SHOULDER.
5. INSTALL INSIDE ASPHALTIC SHOULDER RUMBLE STRIP
6. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
7. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (NB)

1. INSTALL INSIDE ASPHALTIC SHOULDER RUMBLE STRIP

STAGE 5 - (NB)

TRAFFIC
1-LANE OF NB TRAFFIC IN EXISTING INSIDE LANE.
CLOSURE OF OUTSIDE LANE AND SHOULDER ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"

CONSTRUCTION
SEGMENTS 1 (NB) AND 5 (NB)

1. INSTALL OUTSIDE ASPHALTIC SHOULDER RUMBLE STRIP

SEGMENT 3 (NB)

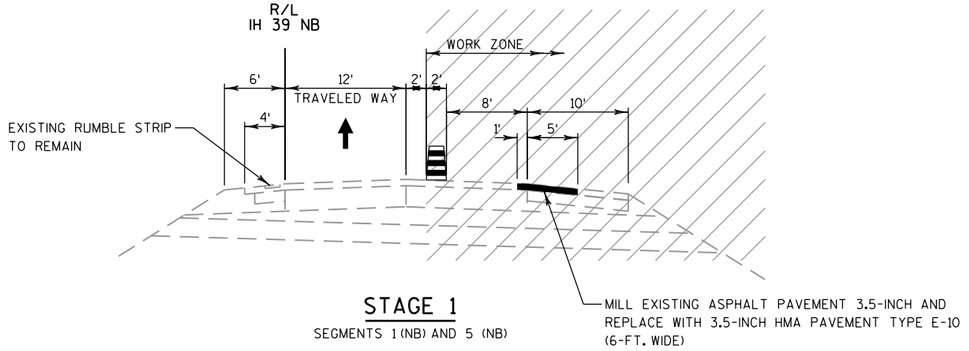
1. INSTALL OUTSIDE ASPHALTIC SHOULDER RUMBLE STRIP

SEGMENT 4 (NB)

1. INSTALL OUTSIDE ASPHALTIC SHOULDER RUMBLE STRIP

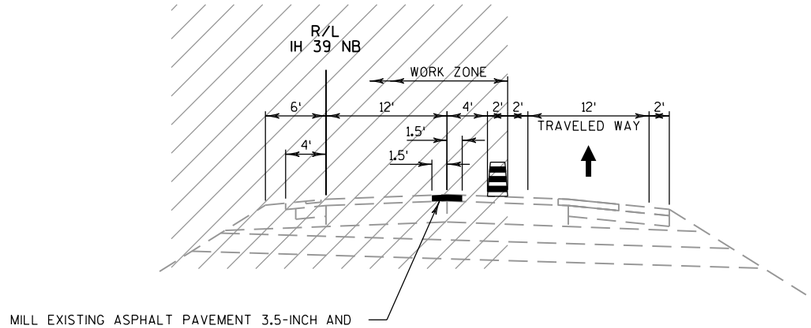
SEGMENT 7 (NB)

1. RESTORE OUTSIDE EXISTING RUMBLE STRIPS.
2. INSTALL CONCRETE SHOULDER RUMBLE STRIP (6-FT. LONG AT 60-FT. SPACING) AT LOCATIONS WHERE EXISTING OUTSIDE RUMBLE STRIPS WERE REMOVED FOR CONCRETE REPAIRS OR REPLACEMENTS.



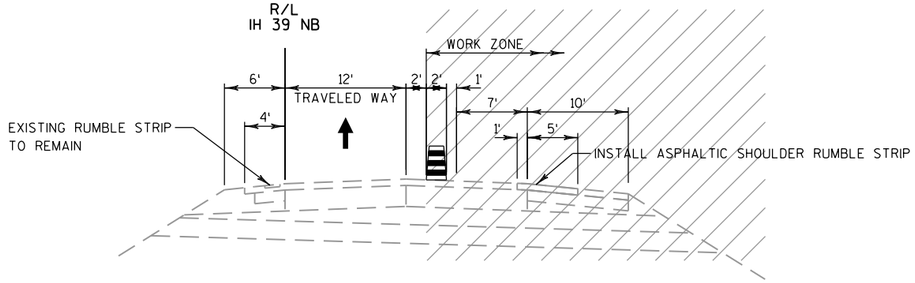
STAGE 1

SEGMENTS 1 (NB) AND 5 (NB)



STAGE 2B

SEGMENTS 1 (NB) AND 5 (NB)



STAGE 5

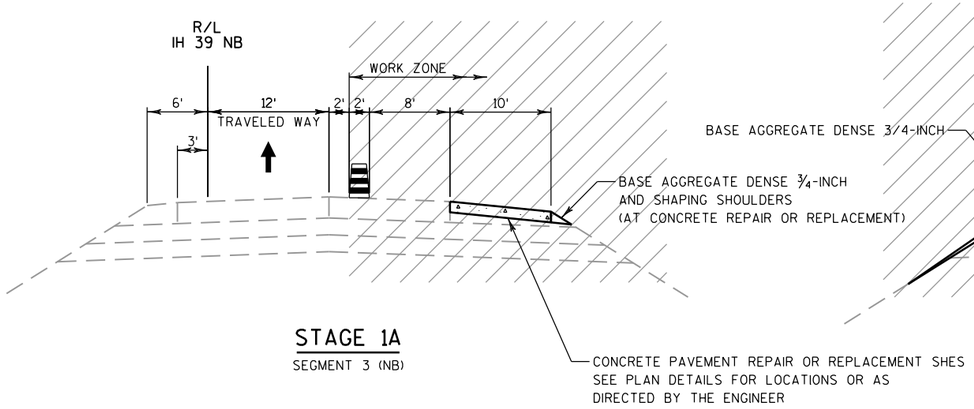
SEGMENTS 1 (NB) AND 5 (NB)

NOTE

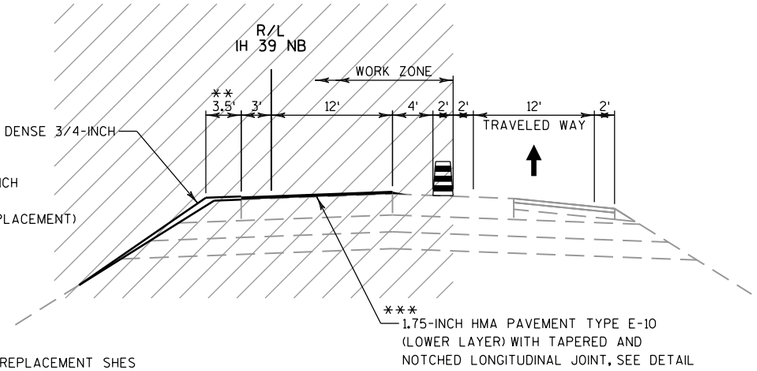
LIMITS OF SEGMENT 1 (NB):
E. MILWAUKEE STREET TO 4000 FEET SOUTH OF USH 14
STA. 628NBR+80 TO 661NBR+00

LIMITS OF SEGMENT 5 (NB):
2300 FEET SOUTH OF THE ROCK RIVER TO ROCK RIVER
STA. 1123NBR+00 TO 1145NBR+65

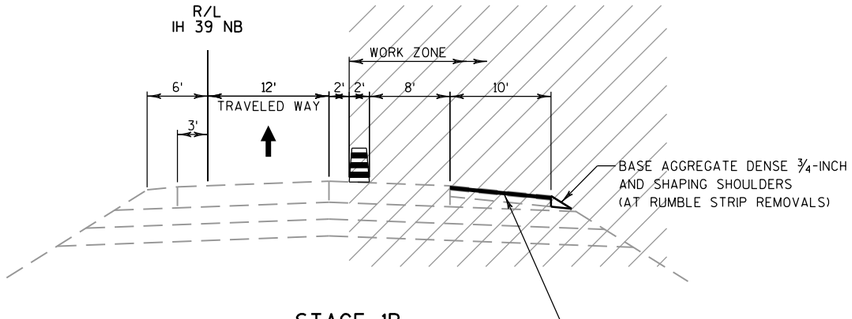
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENTS 1 (NB) AND 5 (NB) TYPICAL SECTIONS	SHEET 146	E



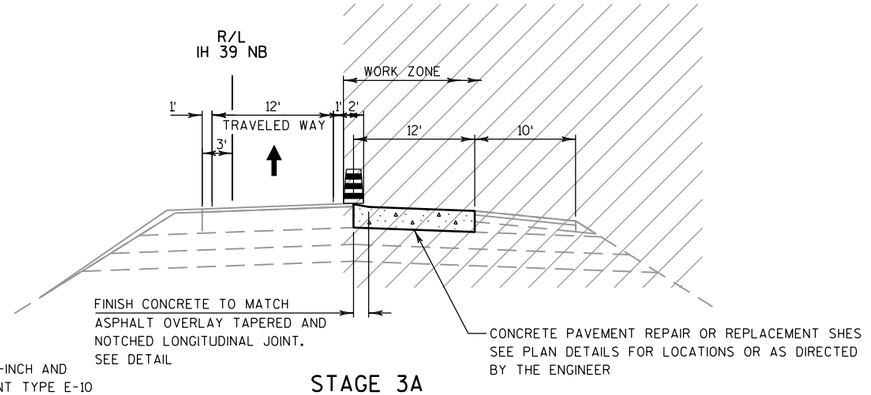
STAGE 1A
SEGMENT 3 (NB)



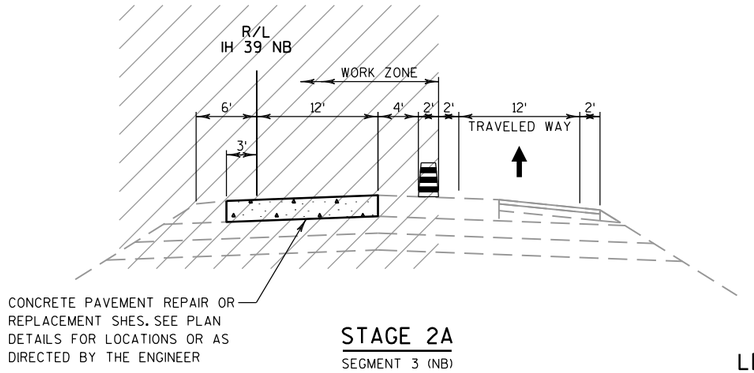
STAGE 2B
SEGMENT 3 (NB)



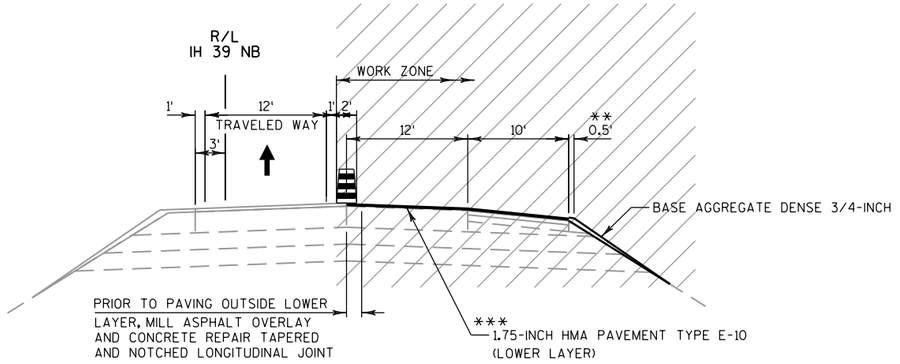
STAGE 1B
SEGMENT 3 (NB)



STAGE 3A
SEGMENT 3 (NB)



STAGE 2A
SEGMENT 3 (NB)



STAGE 3B
SEGMENT 3 (NB)

LEGEND

** INTERIM WIDTH FOR LOWER PAVEMENT LAYER

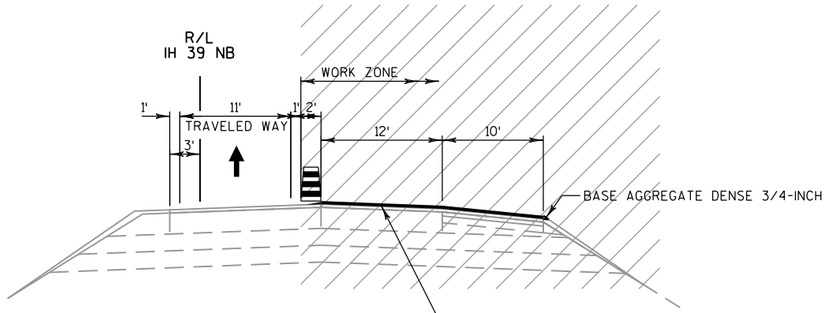
*** PRIOR TO PAVING LOWER LAYER, PLACE ASPHALT SURFACE PATCHING IN SPALLED AREAS AT INTERSECTING JOINT LOCATIONS NOT REQUIRING CONCRETE REPAIR OR REPLACEMENT.

NOTE

LIMITS OF SEGMENT 3 (NB):
1350 FEET NORTH OF KENNEDY ROAD TO 750 FEET NORTH OF MANOGUE ROAD
STA. 808NBR+00 TO 938NBR+50

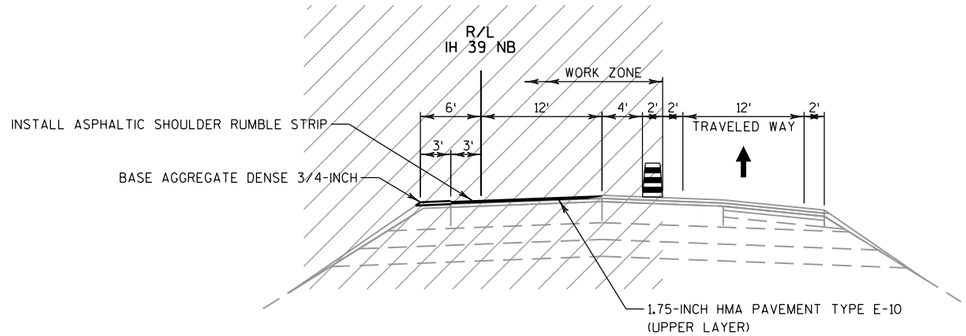
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 3 (NB) TYPICAL SECTIONS	SHEET 147	E

2



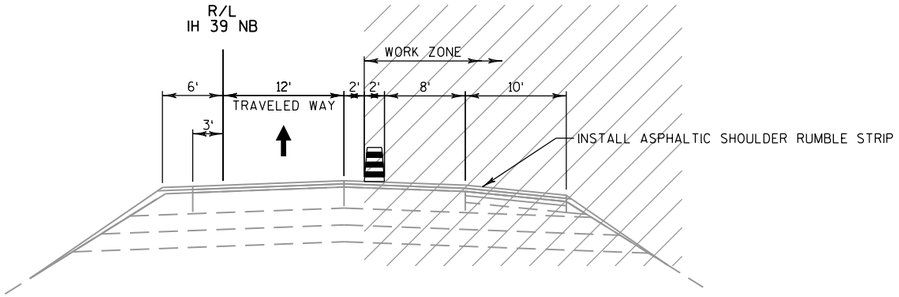
STAGE 3C

SEGMENT 3 (NB)



STAGE 4

SEGMENT 3 (NB)

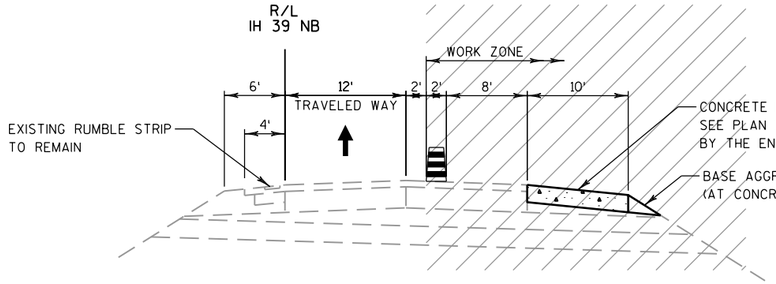


STAGE 5

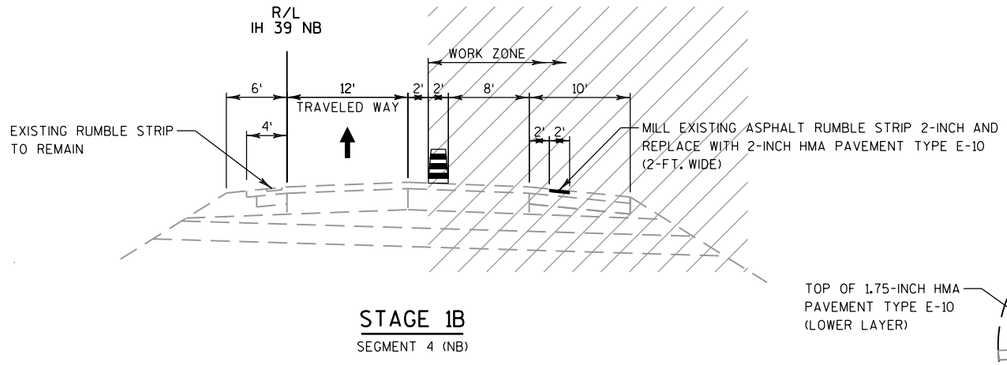
SEGMENT 3 (NB)

NOTE

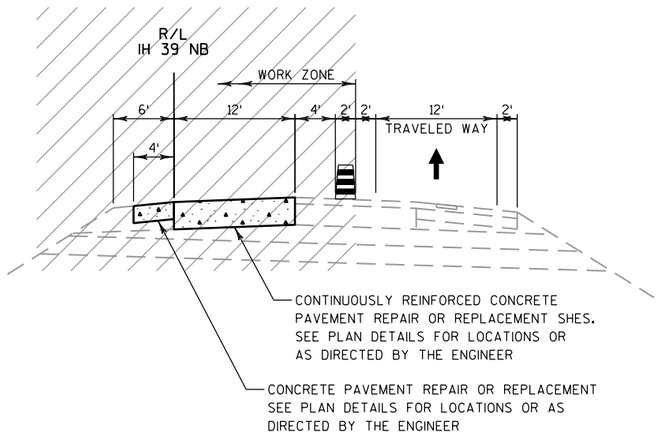
LIMITS OF SEGMENT 3 (NB):
1350 FEET NORTH OF KENNEDY ROAD TO 750 FEET NORTH OF MANOGUE ROAD
STA. 808NBR+00 TO 938NBR+50



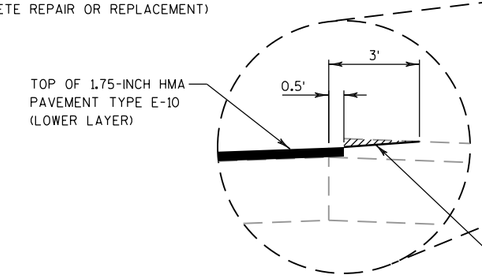
STAGE 1A
SEGMENT 4 (NB)

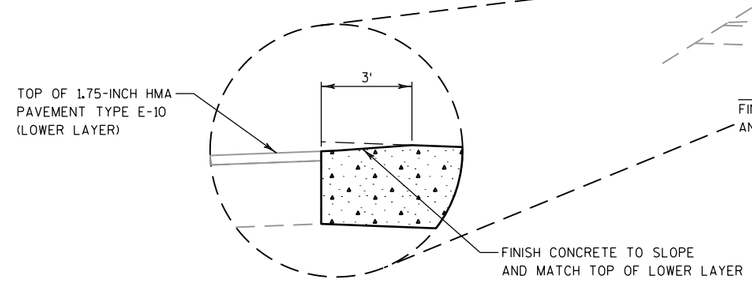


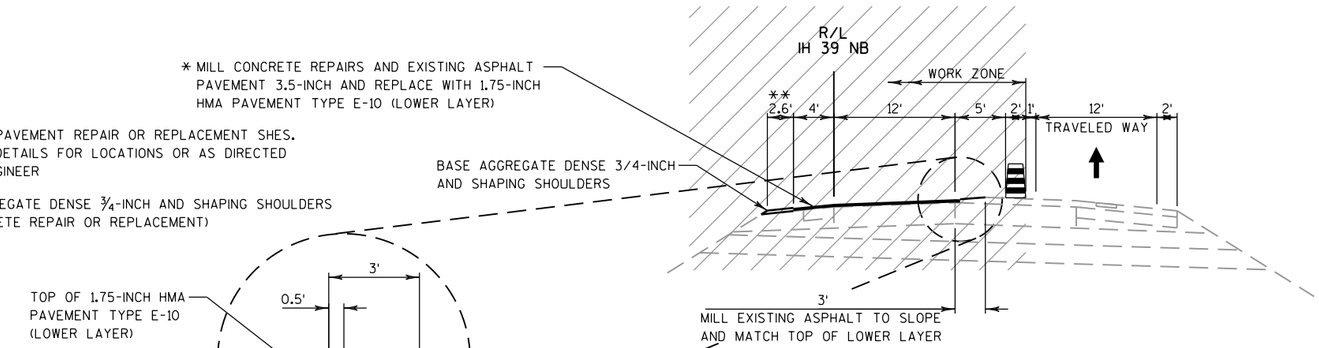
STAGE 1B
SEGMENT 4 (NB)



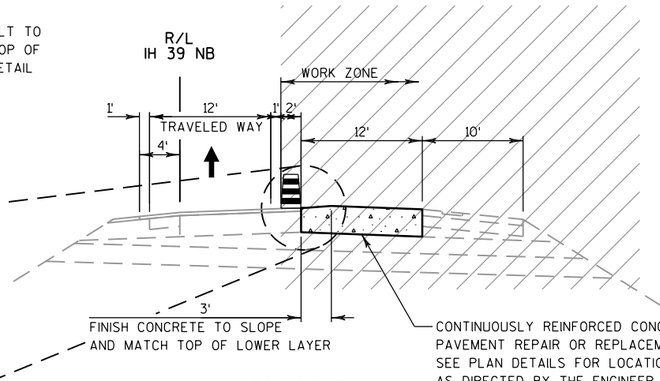
STAGE 2A
SEGMENT 4 (NB)



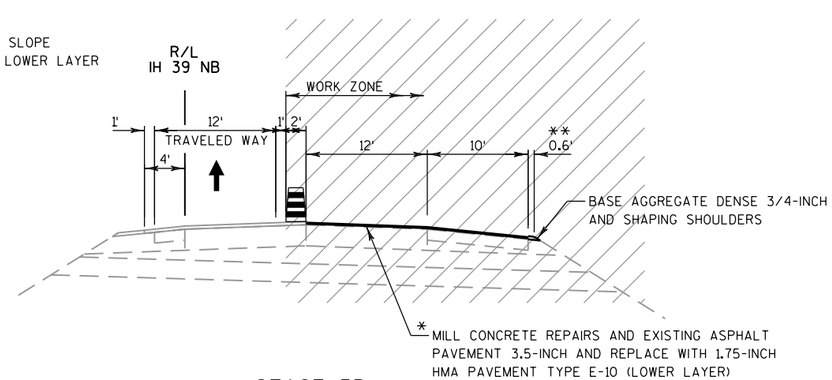




STAGE 2B
SEGMENT 4 (NB)



STAGE 3A
SEGMENT 4 (NB)



STAGE 3B
SEGMENT 4 (NB)

LEGEND

* AFTER MILLING OPERATION, LOCATE ANY UNDERLYING CONCRETE REPAIRS, AS DIRECTED BY THE ENGINEER. THESE CONCRETE REPAIRS SHALL BE PERFORMED AFTER PAVING LOWER LAYER.

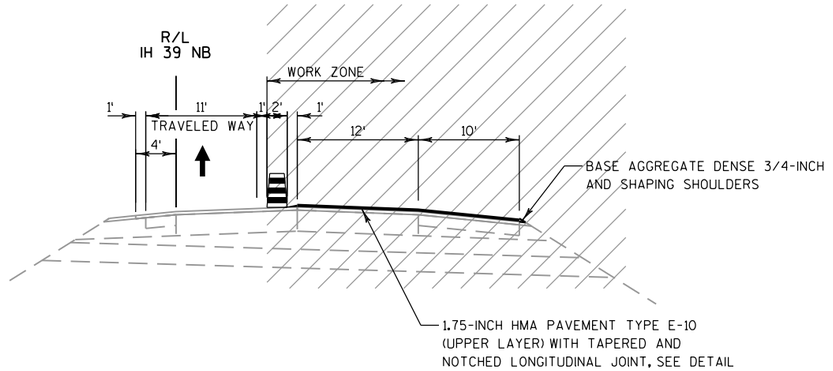
** INTERIM WIDTH FOR LOWER PAVEMENT LAYER

NOTE

LIMITS OF SEGMENT 4 (NB):
750 FEET NORTH OF MANOGUE ROAD TO 2300 FEET SOUTH OF ROCK RIVER
STA. TO 938NBR+50 TO 1123NBR+00

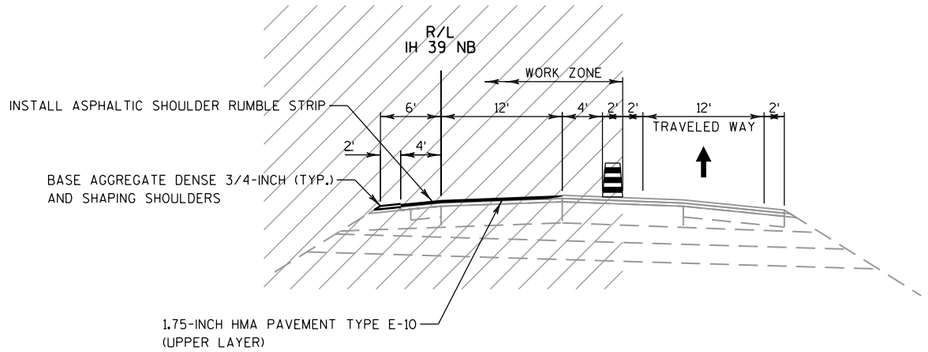
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 4 (NB) TYPICAL SECTIONS	SHEET 149	E

2



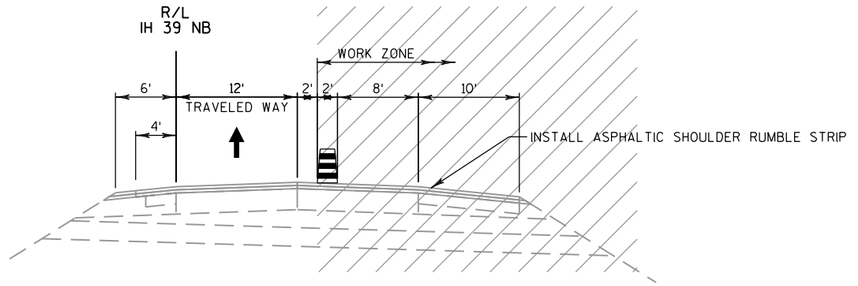
STAGE 3C

SEGMENT 4 (NB)



STAGE 4

SEGMENT 4 (NB)



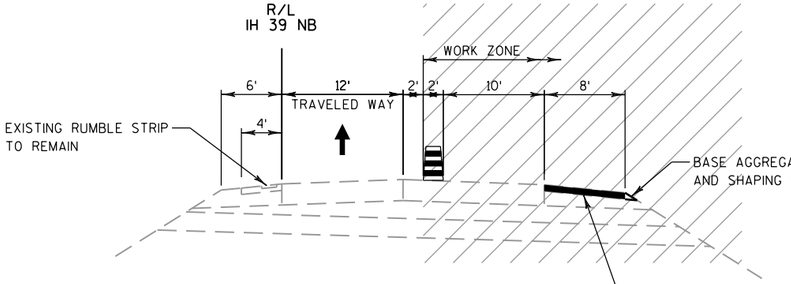
STAGE 5

SEGMENT 4 (NB)

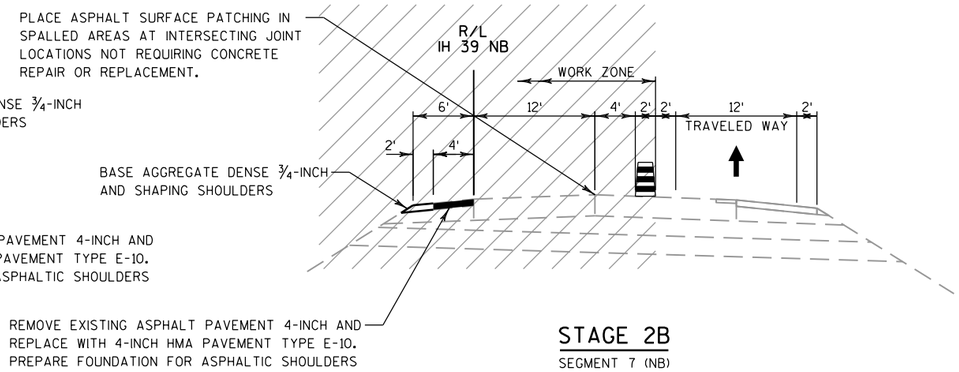
NOTE

LIMITS OF SEGMENT 4 (NB):
750 FEET NORTH OF MANOGUE ROAD TO 2300 FEET SOUTH OF ROCK RIVER
STA. TO 938NBR+50 TO 1123NBR+00

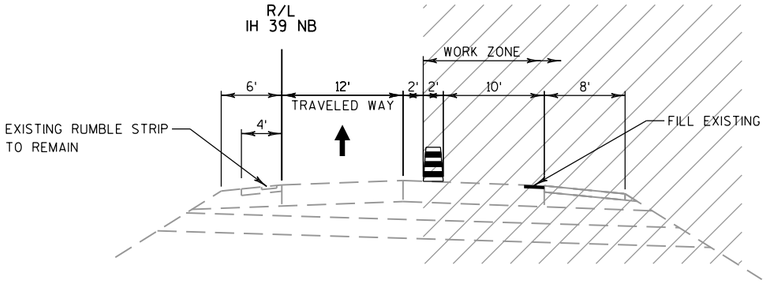
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 4 (NB) TYPICAL SECTIONS	SHEET 150	E



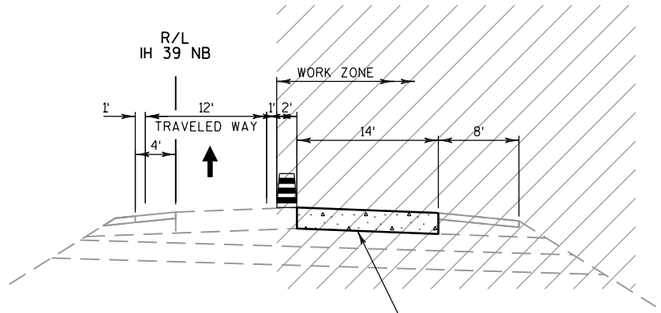
STAGE 1A
SEGMENT 7 (NB)



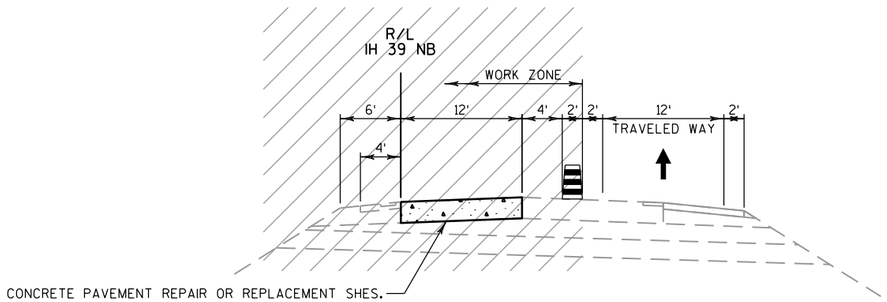
STAGE 2B
SEGMENT 7 (NB)



STAGE 1B
SEGMENT 7 (NB)



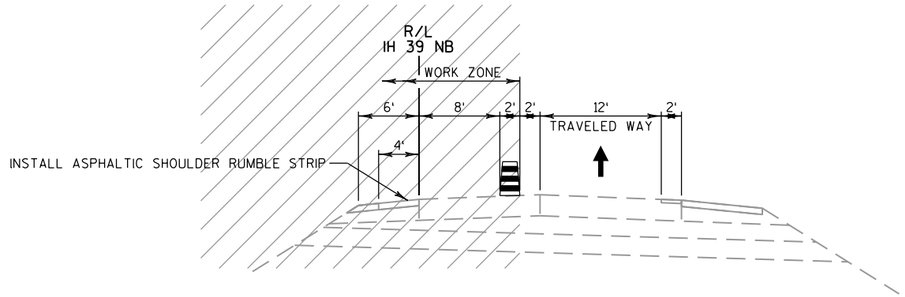
STAGE 3A
SEGMENT 7 (NB)



STAGE 2A
SEGMENT 7 (NB)

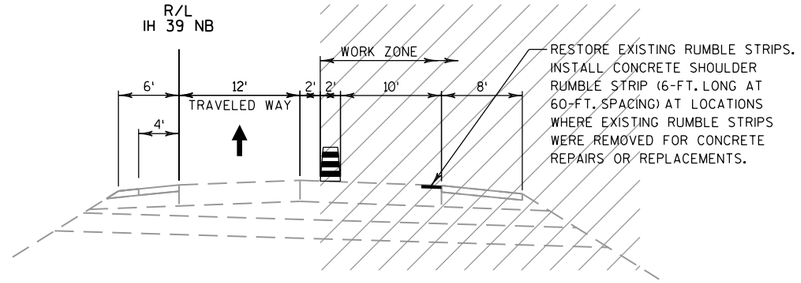
NOTE
LIMITS OF SEGMENT 7 (NB):
ROCK RIVER TO 700 FEET NORTH OF GOEDE ROAD
STA. 1153NBR+01 TO 1211NBR+00

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 7 (NB) TYPICAL SECTIONS	SHEET 151	E



STAGE 4

SEGMENT 7 (NB)



STAGE 5

SEGMENT 7 (NB)

NOTE

LIMITS OF SEGMENT 7 (NB):
ROCK RIVER TO 700 FEET NORTH OF GOEDE ROAD
STA. 1153NBR+01 TO 1211NBR+00

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 7 (NB) TYPICAL SECTIONS	SHEET 152	E

SEGMENT LIMITS (SB)

SEGMENT 7 (SB)
GOEDE ROAD TO STH 106
STA. 1207SBR+00 TO 259SBD+00

SEGMENT 6 (SB)
ROCK RIVER TO GOEDE ROAD
STA. 1152SBR+61 TO 1207SBR+00

SEGMENT 5 (SB)
ROCK RIVER BRIDGE
STA. 1144SBR+77 TO 1152SBR+61
(NO WORK)

SEGMENT 4 (SB)
2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER
STA. 1123SBR+00 TO 1144SBR+77

SEGMENT 3 (SB)
5400 FEET SOUTH OF ROCK RIVER TO 2300 FEET SOUTH OF ROCK RIVER
STA. 1092SBR+00 TO 1123SBR+00

SEGMENT 2 (SB)
1900 FEET NCRTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
STA. 813SBR+00 TO 1092SBR+00

SEGMENT 1 (SB)
E. MILWAUKEE STREET TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 628SBR+60 TO 813SBR+00

NOTE:
SEE PLAN OVERVIEW SHEETS FOR SEGMENT LIMIT LOCATIONS IN PLAN VIEW.

STAGE 1 - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING INSIDE LANE.
CLOSURE OF OUTSIDE LANE AND SHOULDER ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"

CLOSURE OF OUTSIDE SHOULDER ALSO ALLOWED DURING DAY TIME WORK HOURS FOR ADJUSTING BEAM GUARD AND SECURING STRUCTURE COVERS ONLY.
- USE S.D.D. "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED HIGHWAY, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)
1. SECURE STRUCTURE COVERS
2. REPAIR OR REPLACE OUTSIDE SHOULDER CONCRETE PAVEMENT SHES.
3. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
4. MILL EXISTING OUTSIDE SHOULDER ASPHALT RUMBLE STRIP 2-INCH AND REPLACE WITH 2-INCH HMA PAVEMENT TYPE E-10 (2-FT. WIDE)

SEGMENTS 2 (SB) AND 4 (SB)
1. SECURE STRUCTURE COVERS
2. MILL EXISTING OUTSIDE EDGEOF LANE AND SHOULDER (6-FOOT WIDE) ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 6 (SB)
1. SECURE STRUCTURE COVERS
2. REMOVE EXISTING OUTSIDE SHOULDER ASPHALT PAVEMENT 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10. PREPARE FOUNDATION FOR ASPHALTIC SHOULDER.
3. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
4. FILL EXISTING OUTSIDE RUMBLE STRIPS

SEGMENT 7 (SB)
1. SECURE STRUCTURE COVERS
2. ADJUST EXISTING OUTSIDE SHOULDER BEAM GUARD.
3. REMOVE EXISTING OUTSIDE SHOULDER ASPHALT PAVEMENT 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10. PREPARE FOUNDATION FOR ASPHALTIC SHOULDER.
4. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
5. FILL EXISTING OUTSIDE RUMBLE STRIPS

STAGE 2A - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING OUTSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF INSIDE LANE AND SHOULDER AND PARTIAL OUTSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."

CLOSURE OF INSIDE SHOULDER ALSO ALLOWED DURING DAY TIME WORK HOURS FOR ADJUSTING BEAM GUARD ONLY.
- USE S.D.D. "TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED HIGHWAY, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)
1. REPAIR OR REPLACE INSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES.
2. REPAIR OR REPLACE INSIDE SHOULDER CONCRETE PAVEMENT SHES.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 6 (SB)
1. ADJUST EXISTING INSIDE SHOULDER BEAM GUARD.
2. REPAIR OR REPLACE INSIDE LANE CONCRETE PAVEMENT SHES.
3. REMOVE EXISTING INSIDE SHOULDER ASPHALT PAVEMENT 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10. PREPARE FOUNDATION FOR ASPHALTIC SHOULDER.
4. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (SB)
1. ADJUST EXISTING INSIDE SHOULDER BEAM GUARD.
2. REPAIR OR REPLACE INSIDE LANE CONCRETE PAVEMENT SHES.
3. REMOVE EXISTING INSIDE SHOULDER ASPHALT PAVEMENT 4-INCH AND REPLACE WITH 4-INCH HMA PAVEMENT TYPE E-10. PREPARE FOUNDATION FOR ASPHALTIC SHOULDER.
4. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 2B - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING OUTSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF INSIDE LANE AND SHOULDER AND PARTIAL OUTSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)
1. MILL EXISTING INSIDE LANE AND SHOULDER ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (LOWER LAYER) (AFTER MILLING OPERATION, LOCATE ANY UNDERLYING CONCRETE REPAIRS, AS DIRECTED BY THE ENGINEER. CONCRETE REPAIRS SHALL BE PERFORMED AFTER PAVING LOWER LAYER).
2. REPAIR INSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
3. REPAIR INSIDE SHOULDER CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
4. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENTS 2 (SB) AND 4 (SB)
1. MILL EXISTING CENTERLINE (3-FOOT WIDE) ASPHALT PAVEMENT 3.5-INCH AND REPLACE WITH 3.5-INCH HMA PAVEMENT TYPE E-10.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (SB)
1. PRIOR TO PAVING LOWER LAYER, PLACE ASPHALT SURFACE PATCHING IN SPALLED AREAS AT INTERSECTING JOINT LOCATIONS NOT REQUIRING CONCRETE REPAIR OR REPLACEMENT.
2. PAVE EXISTING INSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (LOWER LAYER)
3. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
4. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 3A - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING INSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF OUTSIDE LANE AND SHOULDER AND PARTIAL INSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.
- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"
- USE S.D.D. "TRAFFIC CONTROL, EXIT RAMP CLOSURE"

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)
1. REPAIR OR REPLACE OUTSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 6 (NB)
1. REPAIR OR REPLACE OUTSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES.
2. PLACE ASPHALT SURFACE PATCHING IN SPALLED AREAS AT INTERSECTING JOINT LOCATIONS NOT REQUIRING CONCRETE REPAIR OR REPLACEMENT.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (NB)
1. REPAIR OR REPLACE OUTSIDE LANE CONCRETE PAVEMENT SHES.
2. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 3B - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING INSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF OUTSIDE LANE AND SHOULDER AND PARTIAL INSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"
- USE S.D.D. "TRAFFIC CONTROL, EXIT RAMP CLOSURE"

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)

1. MILL EXISTING OUTSIDE LANE AND SHOULDER ASPHALT PAVEMENT 3.5-INCH AND REPLACE 1.75-INCH HMA PAVEMENT TYPE E-10. (LOWER LAYER) (AFTER MILLING OPERATION, LOCATE ANY UNDERLYING CONCRETE REPAIRS, AS DIRECTED BY THE ENGINEER. CONCRETE REPAIRS SHALL BE PERFORMED AFTER PAVING LOWER LAYER).
2. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
3. REPAIR OUTSIDE LANE CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
4. REPAIR OUTSIDE SHOULDER CONCRETE PAVEMENT SHES, LOCATED AFTER MILLING OPERATION, TO TOP OF HMA PAVEMENT.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (NB)

1. PRIOR TO PAVING OUTSIDE LOWER LAYER, MILL APSHALT OVERLAY AND CONCRETE REPAIR TAPERED AND NOTCHED LONGITUDINAL JOINT.
2. PRIOR TO PAVING LOWER LAYER, PLACE ASPHALT SURFACE PATCHING IN SPALLED AREAS AT INTERSECTING JOINT LOCATIONS NOT REQUIRING CONCRETE REPAIR OR REPLACEMENT.
3. PAVE EXISTING OUTSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10.
4. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 3C - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING INSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF OUTSIDE LANE AND SHOULDER AND PARTIAL INSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"
- USE S.D.D. "TRAFFIC CONTROL, EXIT RAMP CLOSURE"

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)

1. PAVE OUTSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. ROUT AND SEAL JOINTS (SEGMENT 1) IN OUTSIDE LANE AND SHOULDER.
3. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
4. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 7 (SB)

1. PAVE OUTSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. PLACE OUTSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
3. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 4 - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING OUTSIDE PARTIAL LANE AND SHOULDER.
CLOSURE OF INSIDE LANE AND SHOULDER AND PARTIAL OUTSIDE LANE ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)

1. PAVE INSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. ROUT AND SEAL JOINTS (SEGMENT 1) IN INSIDE LANE AND SHOULDER.
3. INSTALL INSIDE ASPHALTIC SHOULDER RUMBLE STRIP
4. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH AND SHAPE SHOULDERS.
5. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

SEGMENT 6 (SB)

1. INSTALL INSIDE ASPHALTIC SHOULDER RUMBLE STRIP

SEGMENT 7 (SB)

1. PAVE INSIDE LANE AND SHOULDER WITH 1.75-INCH HMA PAVEMENT TYPE E-10. (UPPER LAYER)
2. INSTALL INSIDE ASPHALTIC SHOULDER RUMBLE STRIP
3. PLACE INSIDE SHOULDER BASE AGGREGATE DENSE 3/4-INCH.
4. INSTALL TEMPORARY PAVEMENT MARKING AS DIRECTED BY THE ENGINEER.

STAGE 5 - (SB)

TRAFFIC
1-LANE OF SB TRAFFIC IN EXISTING INSIDE LANE.
CLOSURE OF OUTSIDE LANE AND SHOULDER ALLOWED ONLY DURING NIGHT TIME WORK HOURS.

- USE S.D.D. "TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H."
- USE S.D.D. "TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE"

CONSTRUCTION
SEGMENTS 1 (SB) AND 3 (SB)

1. INSTALL OUTSIDE ASPHALTIC SHOULDER RUMBLE STRIP

SEGMENTS 2 (SB) AND 4 (SB)

1. INSTALL OUTSIDE ASPHALTIC SHOULDER RUMBLE STRIP

SEGMENTS 2 (SB) AND 4 (SB)

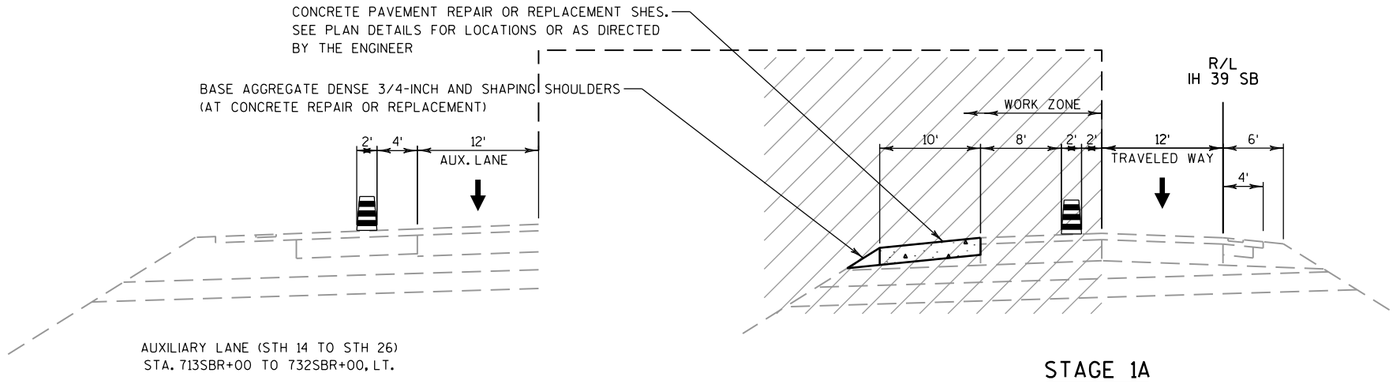
1. INSTALL OUTSIDE ASPHALTIC SHOULDER RUMBLE STRIP

SEGMENT 6 (SB)

1. RESTORE OUTSIDE EXISTING RUMBLE STRIPS.
2. INSTALL CONCRETE SHOULDER RUMBLE STRIP (6-FT. LONG AT 60-FT. SPACING) AT LOCATIONS WHERE EXISTING OUTSIDE RUMBLE STRIPS WERE REMOVED FOR CONCRETE REPAIRS OR REPLACEMENTS.

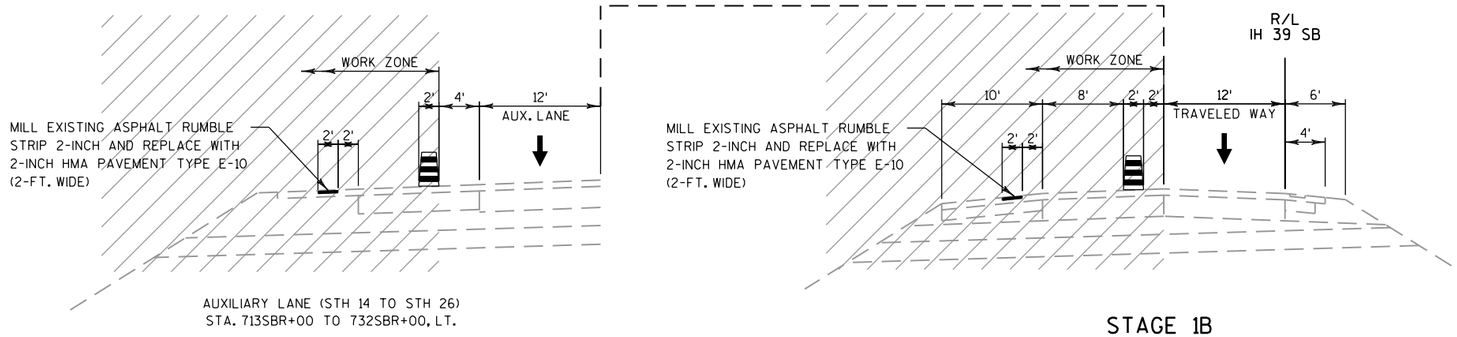
SEGMENT 7 (SB)

1. INSTALL OUTSIDE ASPHALTIC SHOULDER RUMBLE STRIP



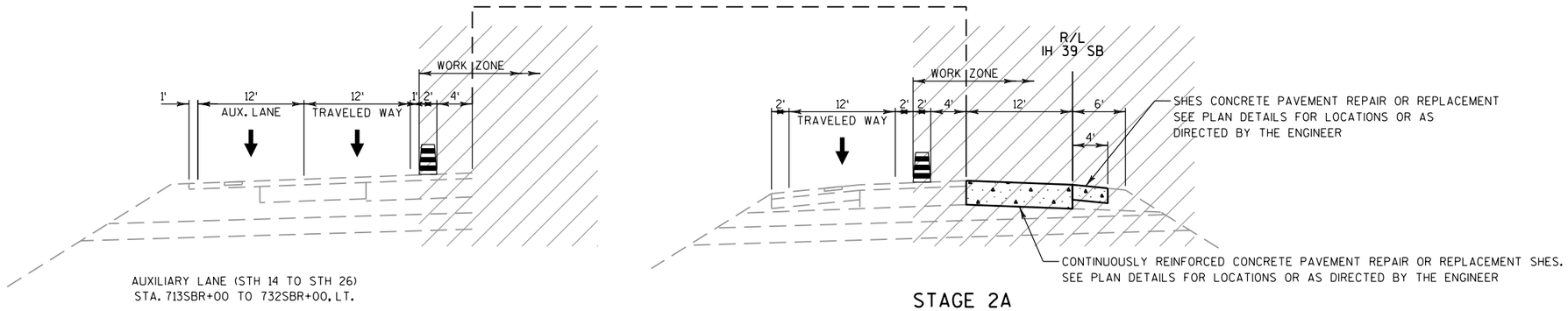
STAGE 1A

SEGMENTS 1 (SB) AND 3 (SB)



STAGE 1B

SEGMENTS 1 (SB) AND 3 (SB)



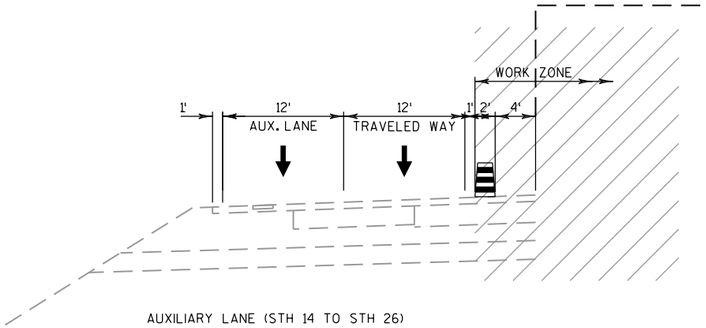
STAGE 2A

SEGMENTS 1 (SB) AND 3 (SB)

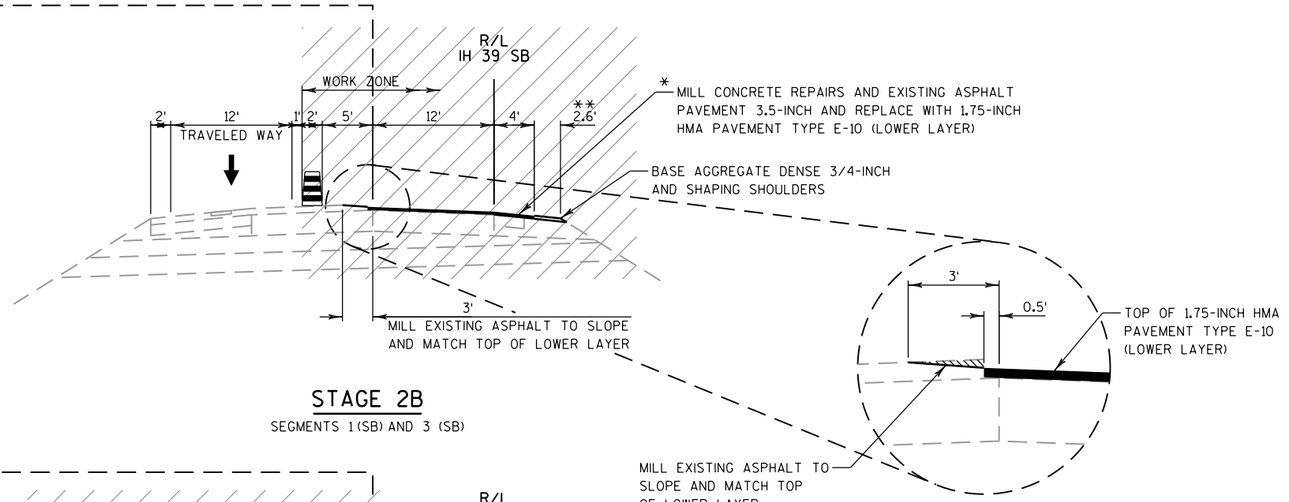
NOTE

LIMITS OF SEGMENT 1 (SB):
E. MILWAUKEE STREET TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 628SBR+60 TO 813SBR+00

LIMITS OF SEGMENT 3 (SB):
5400 FEET SOUTH OF ROCK RIVER TO 2300 FEET SOUTH OF ROCK RIVER
STA. 1092SBR+00 TO 1123SBR+00

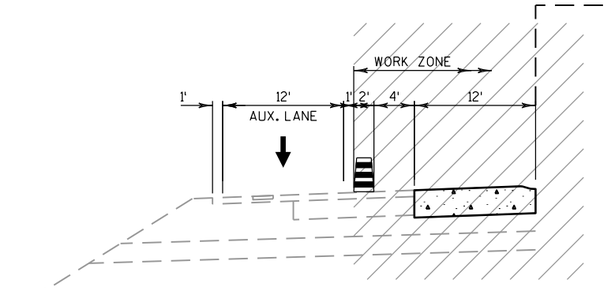


AUXILIARY LANE (STH 14 TO STH 26)
STA. 713SBR+00 TO 732SBR+00, LT.

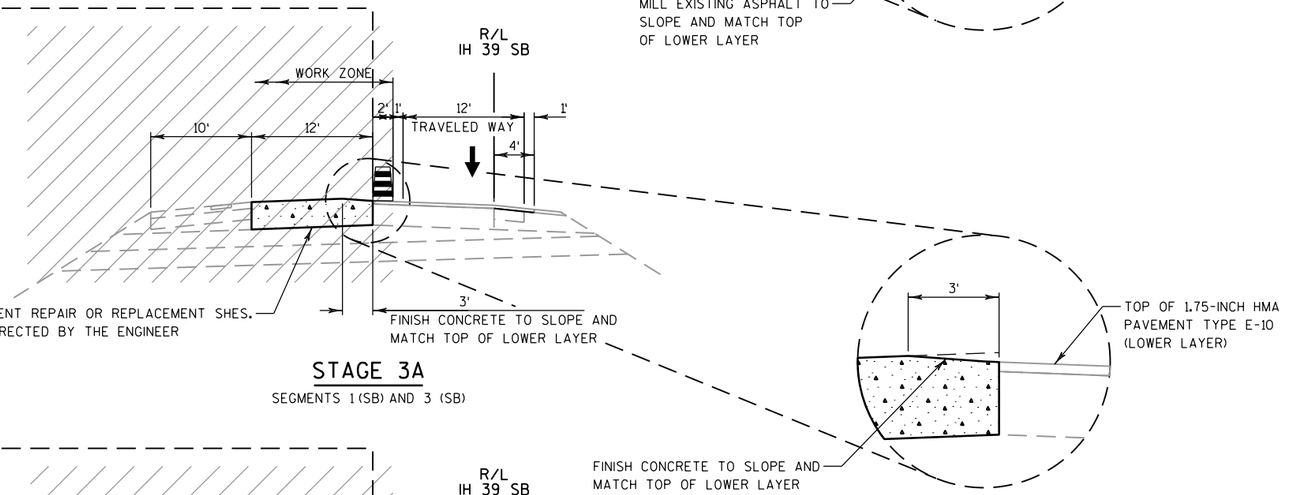


STAGE 2B

SEGMENTS 1 (SB) AND 3 (SB)

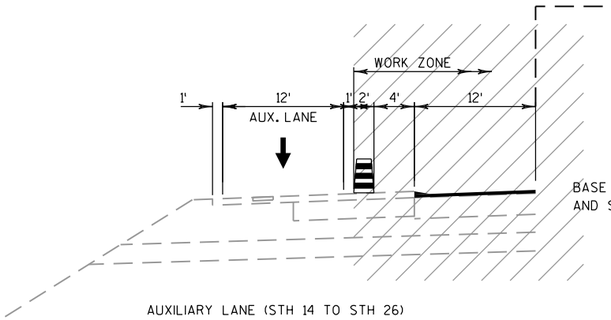


AUXILIARY LANE (STH 14 TO STH 26)
STA. 713SBR+00 TO 732SBR+00, LT.

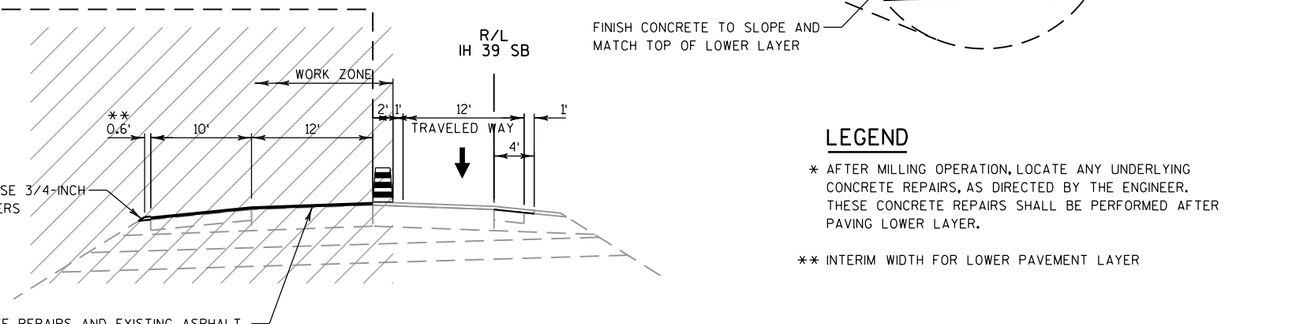


STAGE 3A

SEGMENTS 1 (SB) AND 3 (SB)



AUXILIARY LANE (STH 14 TO STH 26)
STA. 713SBR+00 TO 732SBR+00, LT.



STAGE 3B

SEGMENTS 1 (SB) AND 3 (SB)

LEGEND

* AFTER MILLING OPERATION, LOCATE ANY UNDERLYING CONCRETE REPAIRS, AS DIRECTED BY THE ENGINEER. THESE CONCRETE REPAIRS SHALL BE PERFORMED AFTER PAVING LOWER LAYER.

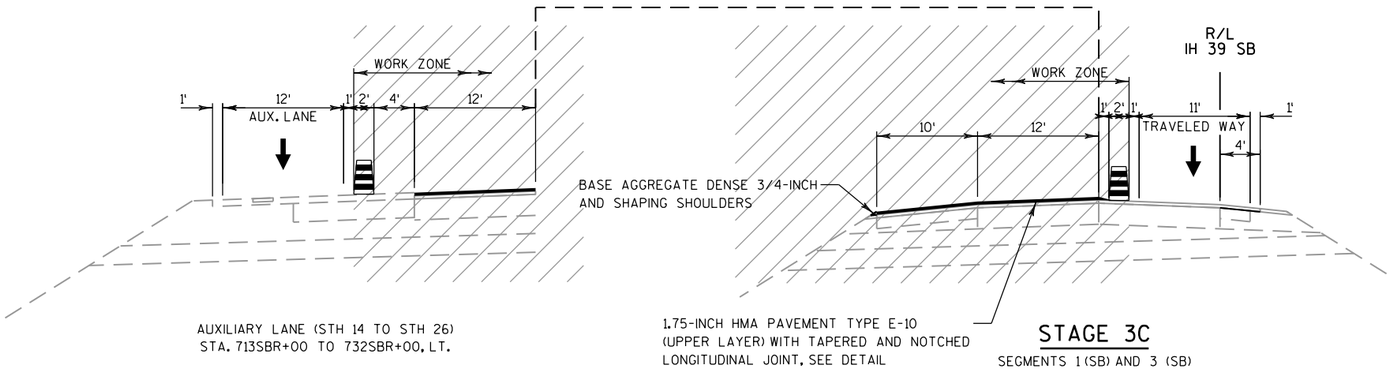
** INTERIM WIDTH FOR LOWER PAVEMENT LAYER

NOTE

LIMITS OF SEGMENT 1 (SB):
E. MILWAUKEE STREET TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 628SBR+60 TO 813SBR+00

LIMITS OF SEGMENT 3 (SB):
5400 FEET SOUTH OF ROCK RIVER TO 2300 FEET SOUTH OF ROCK RIVER
STA. 1092SBR+00 TO 1123SBR+00

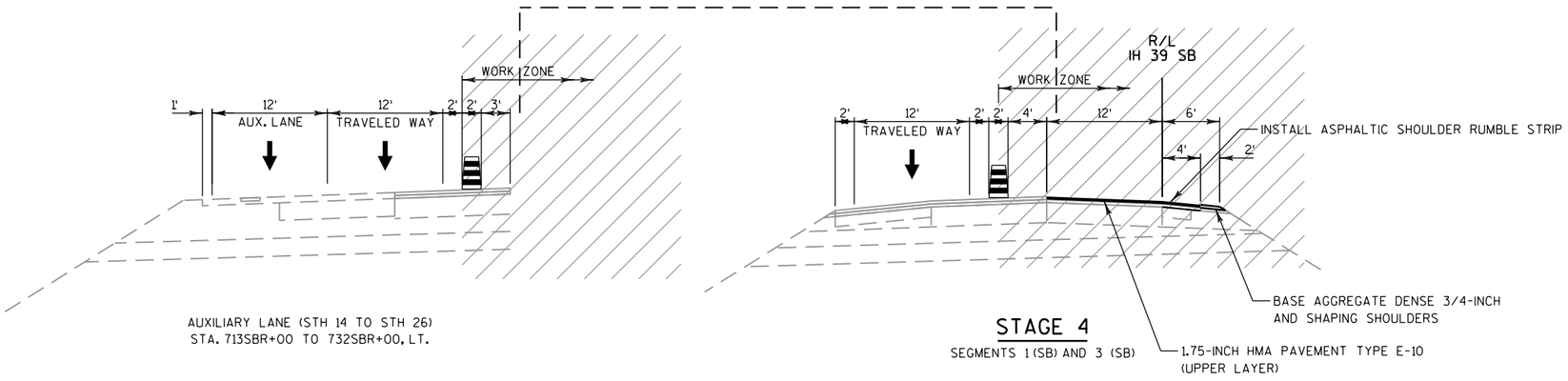
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENTS 1 (SB) AND 3 (SB) TYPICAL SECTIONS	SHEET 156	E



AUXILIARY LANE (STH 14 TO STH 26)
STA. 713SBR+00 TO 732SBR+00, LT.

STAGE 3C

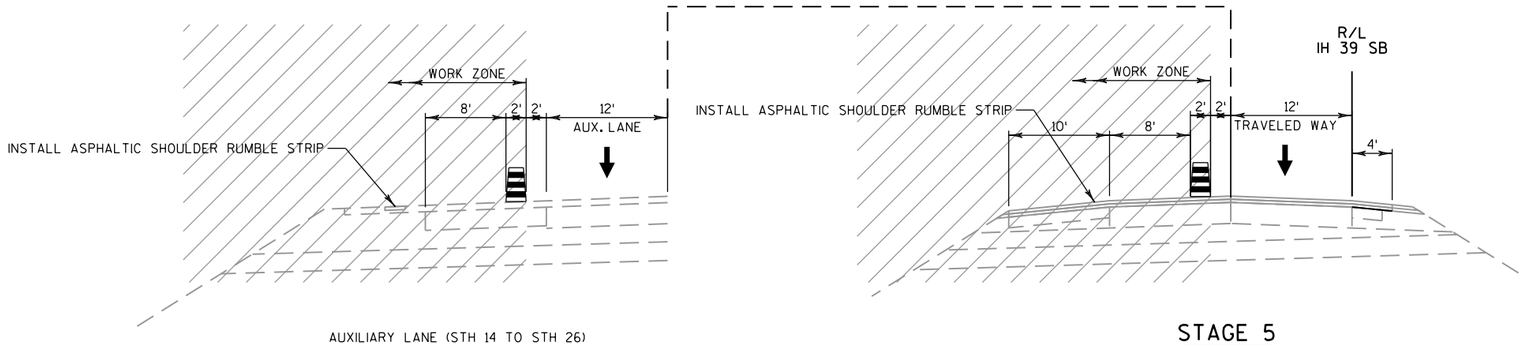
SEGMENTS 1 (SB) AND 3 (SB)



AUXILIARY LANE (STH 14 TO STH 26)
STA. 713SBR+00 TO 732SBR+00, LT.

STAGE 4

SEGMENTS 1 (SB) AND 3 (SB)



AUXILIARY LANE (STH 14 TO STH 26)
STA. 713SBR+00 TO 732SBR+00, LT.

STAGE 5

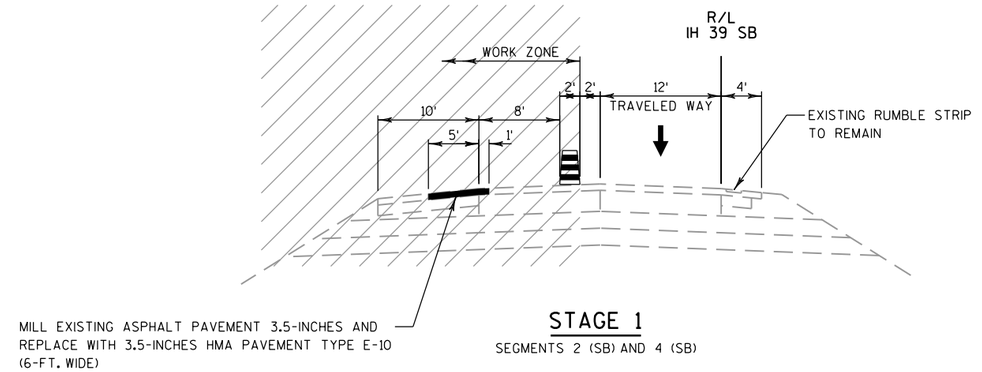
SEGMENTS 1 (SB) AND 3 (SB)

NOTE

LIMITS OF SEGMENT 1 (SB):
E. MILWAUKEE STREET TO 1900 FEET NORTH OF KENNEDY ROAD
STA. 628SBR+60 TO 813SBR+00

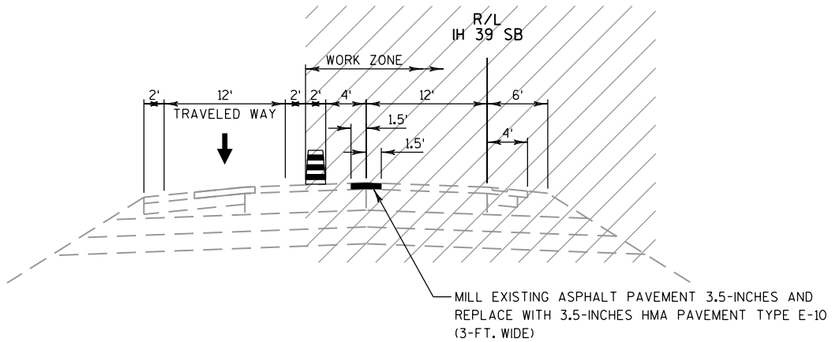
LIMITS OF SEGMENT 3 (SB):
5400 FEET SOUTH OF ROCK RIVER TO 2300 FEET SOUTH OF ROCK RIVER
STA. 1092SBR+00 TO 1123SBR+00

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENTS 1 (SB) AND 3 (SB) TYPICAL SECTIONS	SHEET 157	E



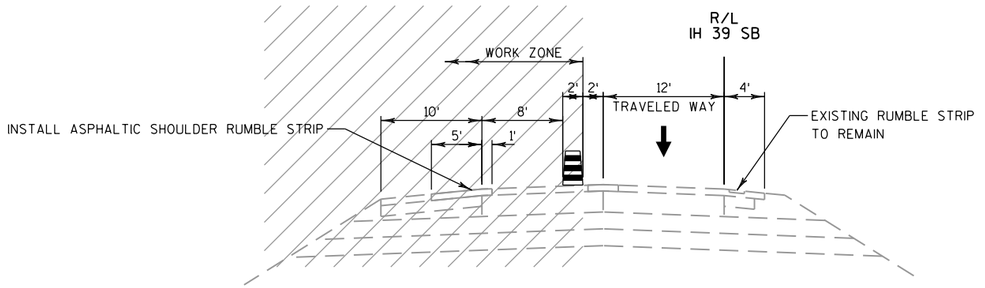
STAGE 1

SEGMENTS 2 (SB) AND 4 (SB)



STAGE 2B

SEGMENTS 2 (SB) AND 4 (SB)



STAGE 5

SEGMENTS 2 (SB) AND 4 (SB)

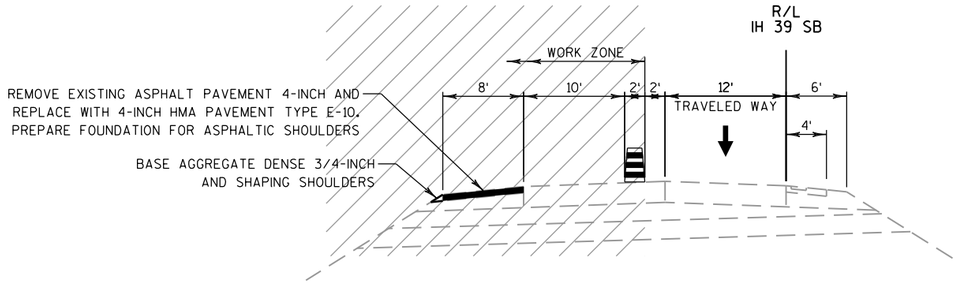
NOTE

LIMITS OF SEGMENT 2 (SB):
1900 FEET NORTH OF KENNEDY ROAD TO 5400 FEET SOUTH OF ROCK RIVER
STA. 813SBR+00 TO 1092SBR+00

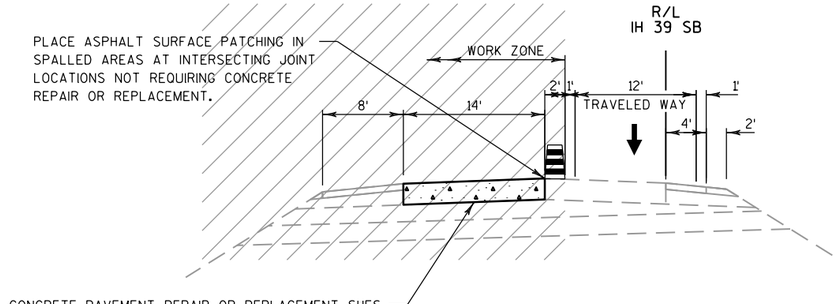
LIMITS OF SEGMENT 4 (SB):
2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER
STA. 1123SBR+00 TO 1144SBR+77

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENTS 2 (SB) AND 4 (SB) TYPICAL SECTIONS	SHEET	E

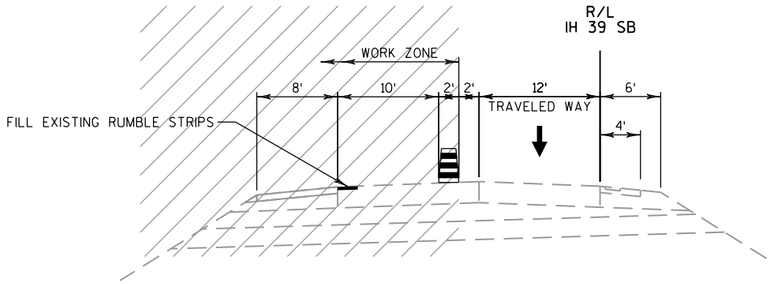
FILE NAME : \\madw00\ingrproj\56199\t1\cds\025400_tc.dgn PLOT DATE : 12/2/2013 PLOT BY : nbennett PLOT NAME : $FILE$ PLOT SCALE : 15:1
STHDOT/CADDS SHEET 42



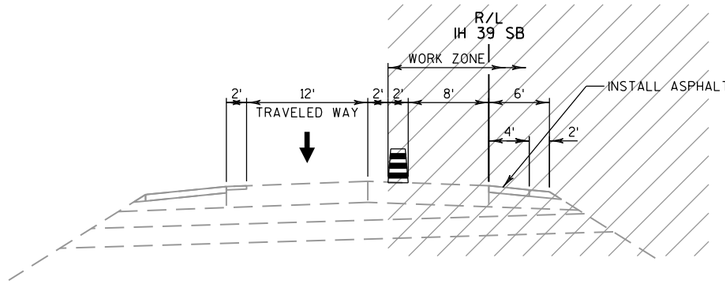
STAGE 1
SEGMENT 6 (SB)



STAGE 3A
SEGMENT 6 (SB)

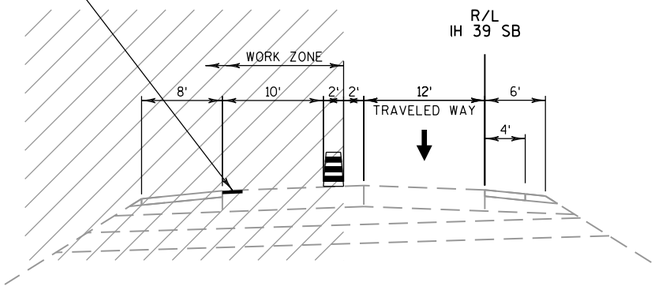


STAGE 1B
SEGMENT 6 (SB)

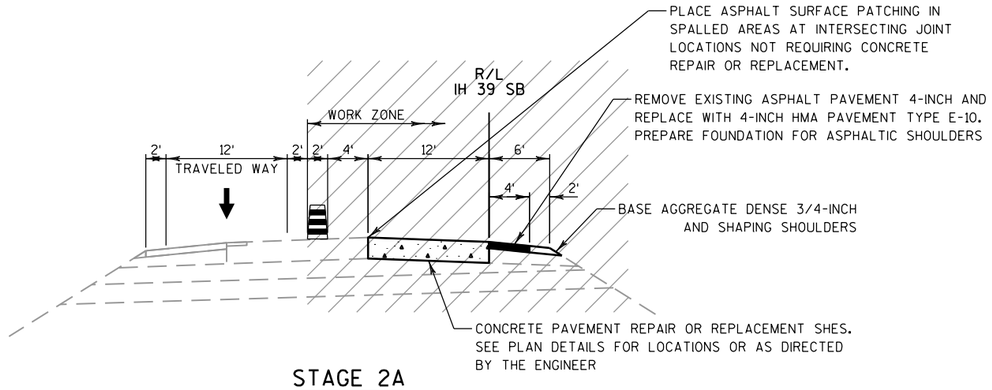


STAGE 4
SEGMENT 6 (SB)

RESTORE EXISTING RUMBLE STRIPS. INSTALL CONCRETE SHOULDER RUMBLE STRIP (6-FT. LONG AT 60-FT. SPACING) AT LOCATIONS WHERE EXISTING RUMBLE STRIPS WERE REMOVED FOR CONCRETE REPAIRS OR REPLACEMENTS.



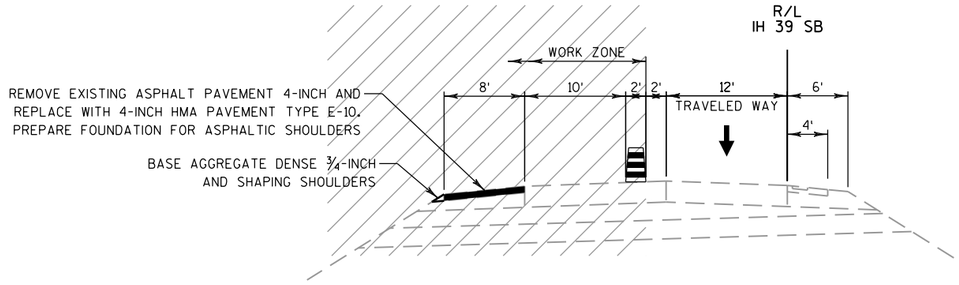
STAGE 5
SEGMENT 6 (SB)



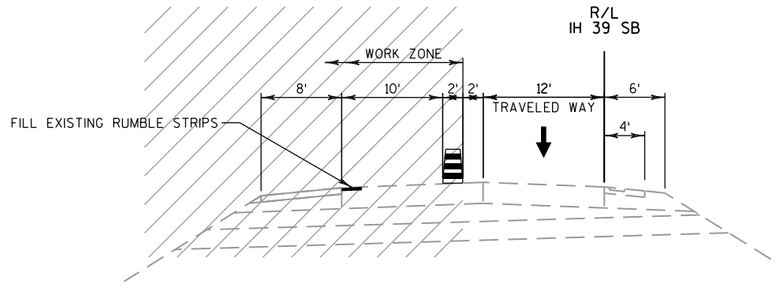
STAGE 2A
SEGMENT 6 (SB)

NOTE
LIMITS OF SEGMENT 6 (SB):
ROCK RIVER TO GOEDE ROAD
STA. 1152SBR+61 TO 1207SBR+00

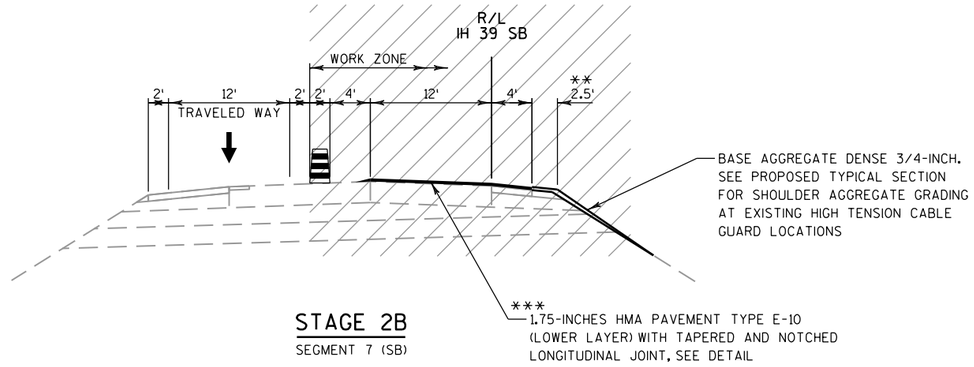
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 6 (SB) TYPICAL SECTIONS	SHEET 159	E



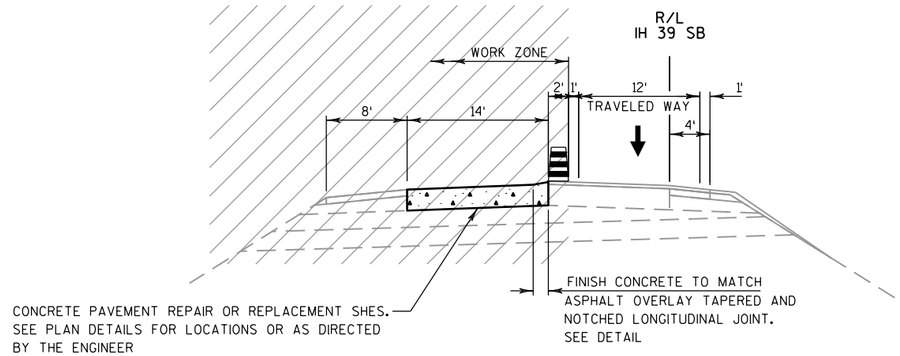
STAGE 1A
SEGMENT 7 (SB)



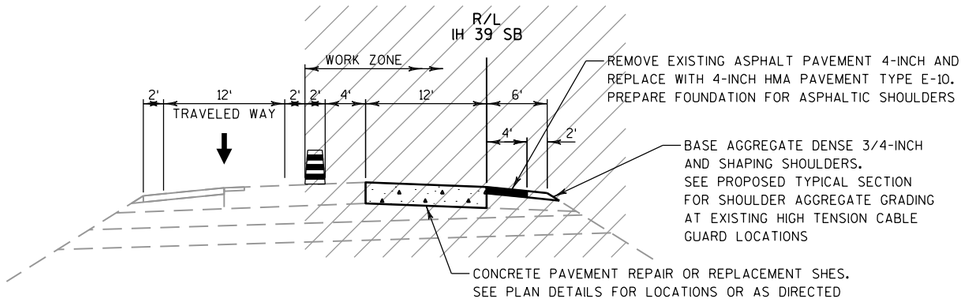
STAGE 1B
SEGMENT 7 (SB)



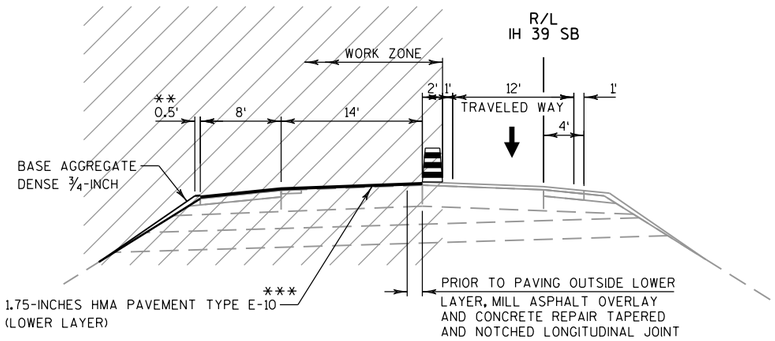
STAGE 2B
SEGMENT 7 (SB)



STAGE 3A
SEGMENT 7 (SB)



STAGE 2A
SEGMENT 7 (SB)



STAGE 3B
SEGMENT 7 (SB)

LEGEND

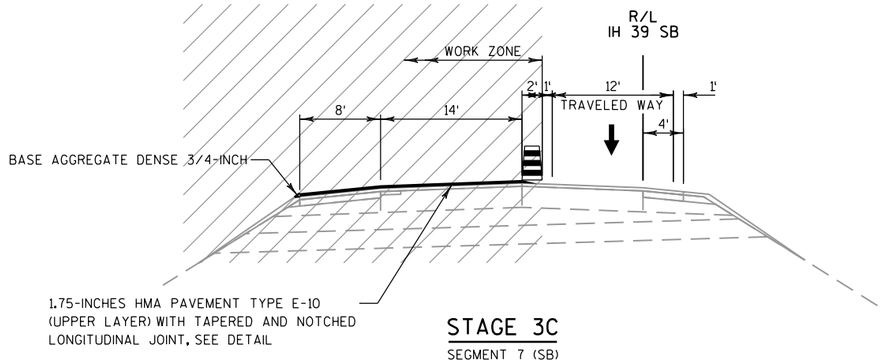
** INTERIM WIDTH FOR LOWER PAVEMENT LAYER

*** PRIOR TO PAVING LOWER LAYER, PLACE ASPHALT SURFACE PATCHING IN SPALLED AREAS AT INTERSECTING JOINT LOCATIONS NOT REQUIRING CONCRETE REPAIR OR REPLACEMENT.

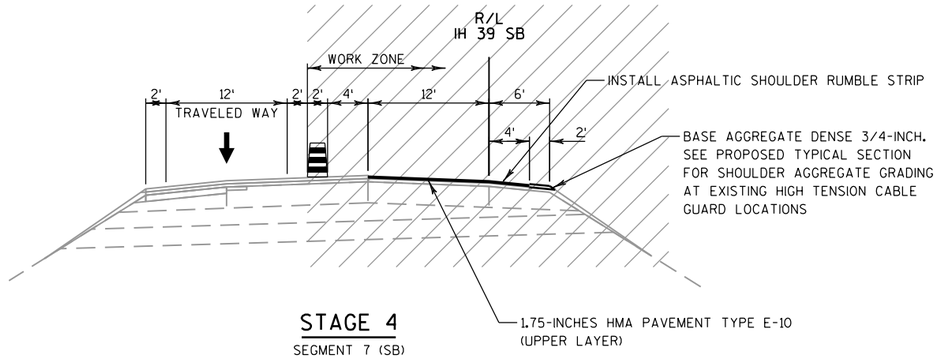
NOTE

LIMITS OF SEGMENT 7 (SB):
GOEDE ROAD TO STH 106
STA. 1207SBR+00 TO 259SBD+00

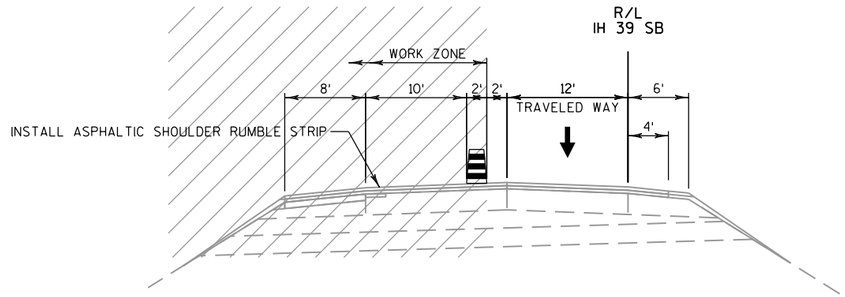
PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 7 (SB) TYPICAL SECTIONS	SHEET 160	E



STAGE 3C
SEGMENT 7 (SB)



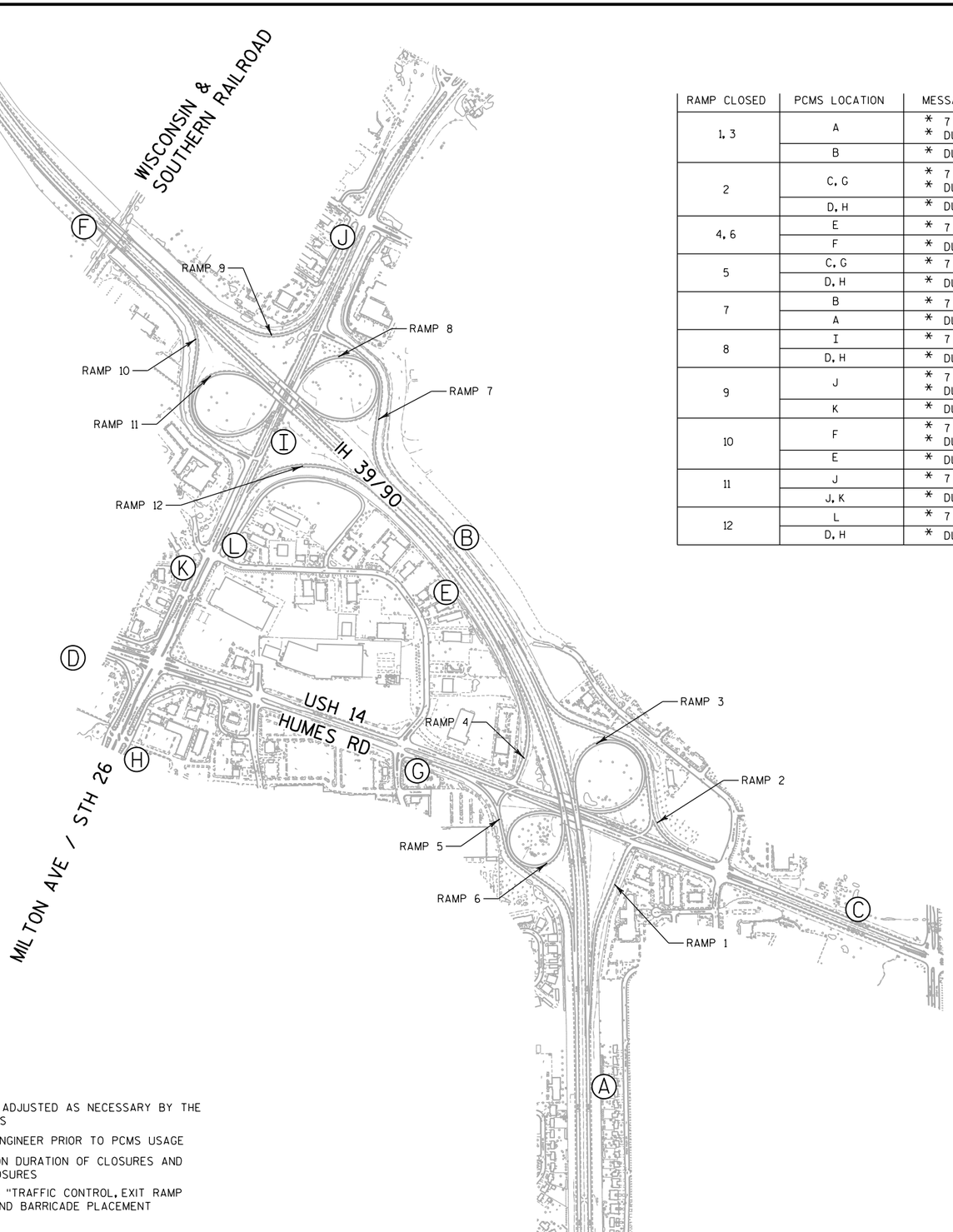
STAGE 4
SEGMENT 7 (SB)



STAGE 5
SEGMENT 7 (SB)

NOTE
LIMITS OF SEGMENT 7 (SB):
GOEDE ROAD TO STH 106
STA. 1207SBR+00 TO 259SBD+00

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL - SEGMENT 7 (SB) TYPICAL SECTIONS	SHEET 161	E



RAMP CLOSED	PCMS LOCATION	MESSAGE BOARD USAGE
1, 3	A	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE * DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO NEXT INTERCHANGE
	B	* DURING THE RAMP CLOSURE, USE PCMS TO DIRECT TRAFFIC TO SB STH 26
2	C, G	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE * DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO NB STH 26
	D, H	* DURING THE RAMP CLOSURE, USE PCMS TO DIRECT NB IH 39-90 TRAFFIC ONTO NB STH 26
4, 6	E	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	F	* DURING RAMP CLOSURE, RE-DIRECT TRAFFIC TO USH 14 VIA SB STH 26
5	C, G	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	D, H	* DURING RAMP CLOSURE, RE-DIRECT TRAFFIC TO SB IH 39-90 NORTH ON STH 26
7	B	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	A	* DURING RAMP CLOSURE, RE-DIRECT STH 26 TRAFFIC TO WB USH 14
8	I	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	D, H	* DURING RAMP CLOSURE, RE-DIRECT NB IH 39-90 TRAFFIC TO EB USH 14
9	J	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE * DURING RAMP CLOSURE, DIRECT NB IH 39-90 TRAFFIC TO EB STH 14
	K	* DURING RAMP CLOSURE, DIRECT NB IH 39-90 TRAFFIC TO EB STH 14
10	F	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE * DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO NEXT INTERCHANGE
	E	* DURING THE RAMP CLOSURE, USE PCMS TO DIRECT TRAFFIC BACK ONTO WB USH 14
11	J	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	J, K	* DURING THE RAMP CLOSURE, DIRECT SB IH 39-90 TRAFFIC TO EB USH 14
12	L	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	D, H	* DURING THE RAMP CLOSURE, DIRECT SB IH 39-90 TRAFFIC TO EB USH 14

N

NOTES:

1) LOCATIONS OF PCMS BOARDS MAY BE ADJUSTED AS NECESSARY BY THE FIELD ENGINEER TO FIT FIELD CONDITIONS

2) VERIFY MESSAGE BOARD TEXT WITH ENGINEER PRIOR TO PCMS USAGE

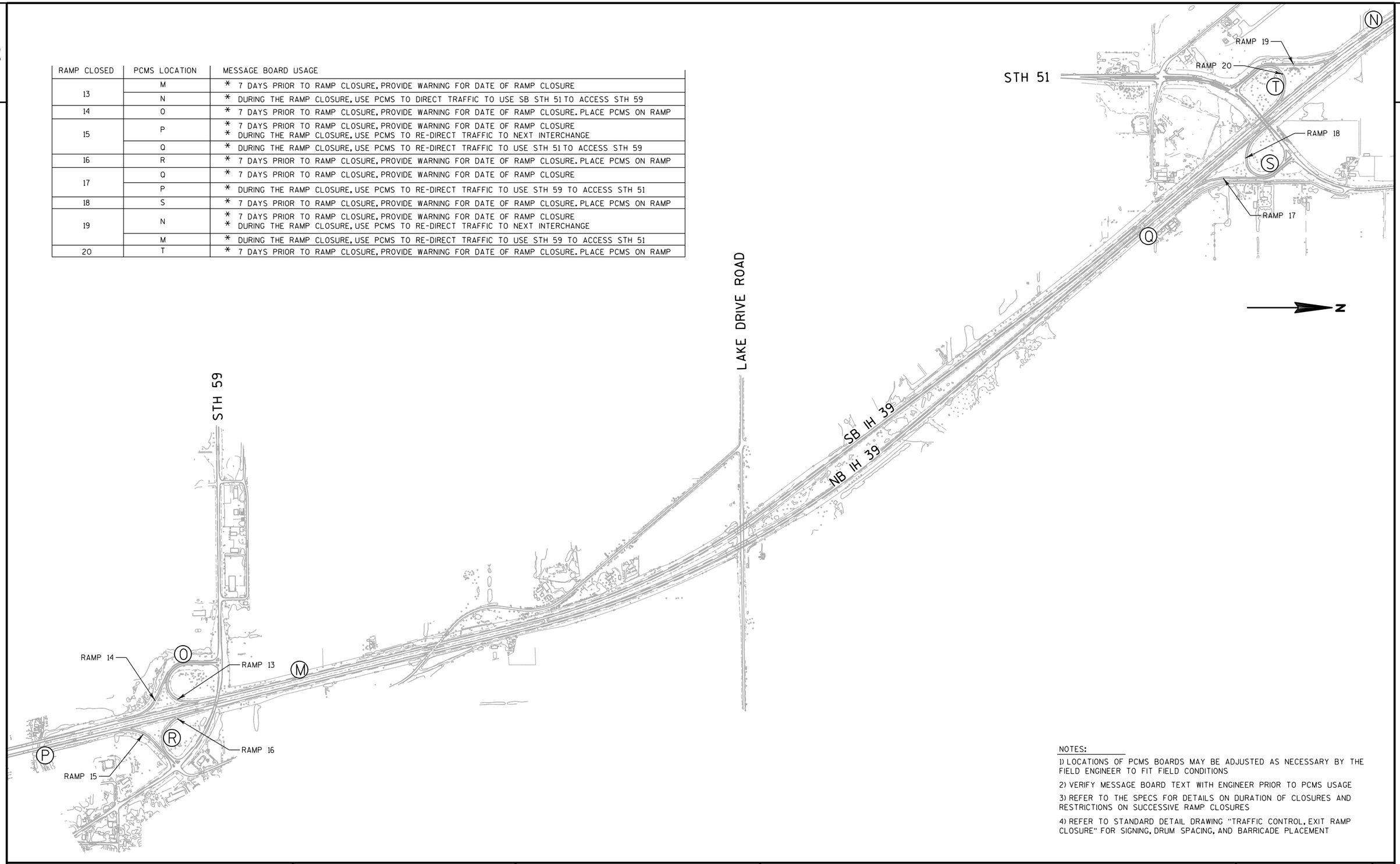
3) REFER TO THE SPECS FOR DETAILS ON DURATION OF CLOSURES AND RESTRICTIONS ON SUCCESSIVE RAMP CLOSURES

4) REFER TO STANDARD DETAIL DRAWING "TRAFFIC CONTROL, EXIT RAMP CLOSURE" FOR SIGNING, DRUM SPACING, AND BARRICADE PLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL: PCMS TEMPORARY RAMP CLOSURE LOCATIONS	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\025500_tc.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 1000:1
WISDOT/CADDS SHEET 42

RAMP CLOSED	PCMS LOCATION	MESSAGE BOARD USAGE
13	M	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	N	* DURING THE RAMP CLOSURE, USE PCMS TO DIRECT TRAFFIC TO USE SB STH 51 TO ACCESS STH 59
14	O	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE. PLACE PCMS ON RAMP
15	P	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE * DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO NEXT INTERCHANGE
	Q	* DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO USE STH 51 TO ACCESS STH 59
16	R	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE. PLACE PCMS ON RAMP
17	Q	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE
	P	* DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO USE STH 59 TO ACCESS STH 51
18	S	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE. PLACE PCMS ON RAMP
19	N	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE * DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO NEXT INTERCHANGE
	M	* DURING THE RAMP CLOSURE, USE PCMS TO RE-DIRECT TRAFFIC TO USE STH 59 TO ACCESS STH 51
20	T	* 7 DAYS PRIOR TO RAMP CLOSURE, PROVIDE WARNING FOR DATE OF RAMP CLOSURE. PLACE PCMS ON RAMP



NOTES:

1) LOCATIONS OF PCMS BOARDS MAY BE ADJUSTED AS NECESSARY BY THE FIELD ENGINEER TO FIT FIELD CONDITIONS

2) VERIFY MESSAGE BOARD TEXT WITH ENGINEER PRIOR TO PCMS USAGE

3) REFER TO THE SPECS FOR DETAILS ON DURATION OF CLOSURES AND RESTRICTIONS ON SUCCESSIVE RAMP CLOSURES

4) REFER TO STANDARD DETAIL DRAWING "TRAFFIC CONTROL, EXIT RAMP CLOSURE" FOR SIGNING, DRUM SPACING, AND BARRICADE PLACEMENT

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL: PCMS TEMPORARY RAMP CLOSURE LOCATIONS	SHEET 163	E

2

2

ROCK RIVER

INTERSTATE 39

INTERSTATE 90

51

59

14

26

N

MAX. 13' WIDTH W12-52

WIDE LOADS EXCEEDING 13 FT

SEE TRAFFIC CONTROL DETAILS

ROAD WORK 4 MILES AHEAD

G20-55
84" X 24"

7PM-7AM

SEE TRAFFIC CONTROL DETAILS

COUNTY A

JANESVILLE

BUS. 14

11

14

11

ROCK RIVER

51

INTERSTATE 39

INTERSTATE 90

140

TURTLE CREEK

LEGEND

PROPOSED SIGN AND SIGN SUPPORT

WORKZONE WITH WIDTH RESTRICTIONS

SCALE: 1" = 7,400'

NOTES:

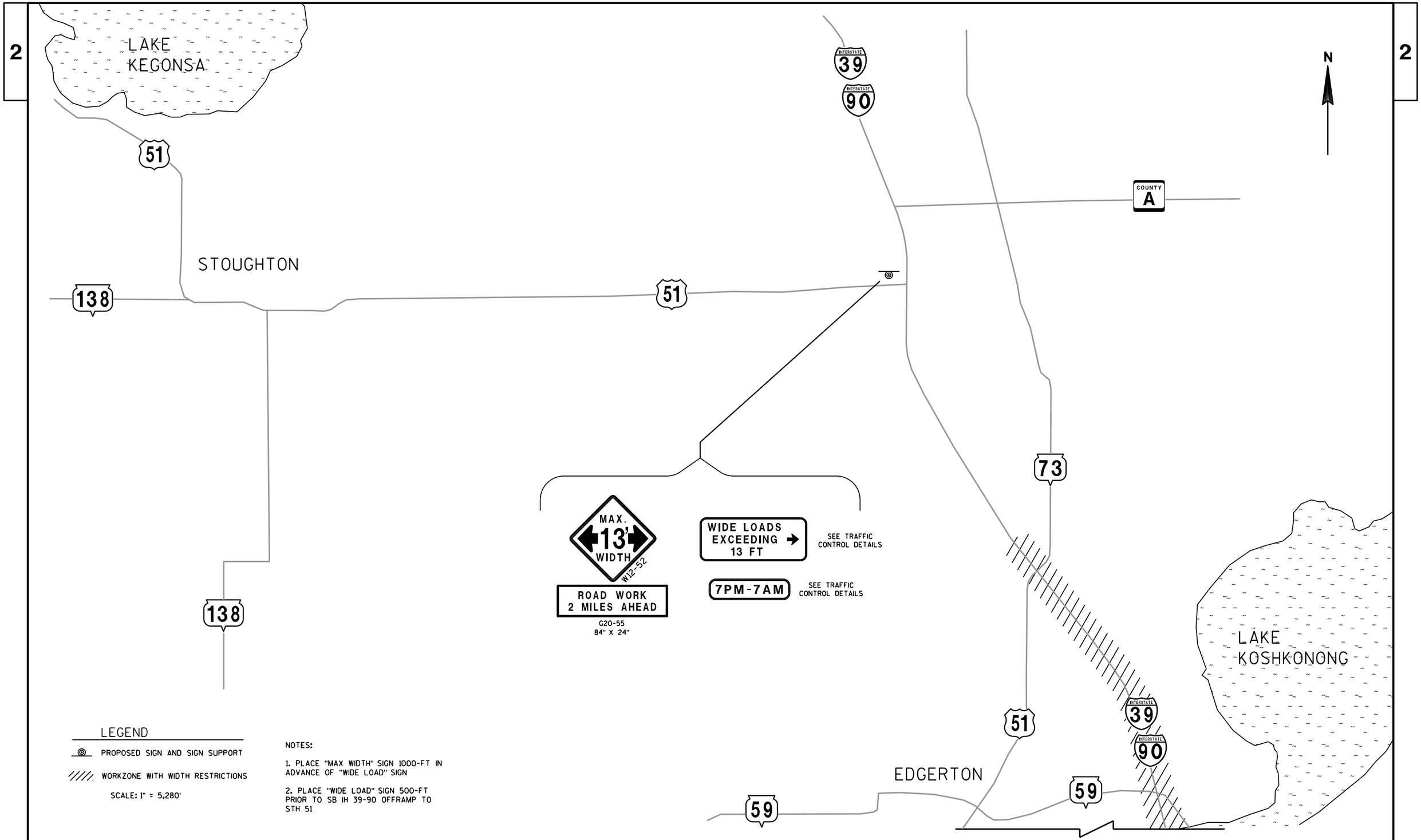
1. PLACE "MAX WIDTH" SIGN 1000-FT IN ADVANCE OF "WIDE LOAD" SIGN

2. PLACE "WIDE LOAD" SIGN 500-FT PRIOR TO NB IH 39-90 OFFRAMP TO STH 11

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL: OSOW ADVANCED SIGNS	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\025600_tc.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 3300:1

WISDOT/CADDS SHEET 42



LEGEND

PROPOSED SIGN AND SIGN SUPPORT

WORKZONE WITH WIDTH RESTRICTIONS

SCALE: 1" = 5,280'

NOTES:

1. PLACE "MAX WIDTH" SIGN 1000-FT IN ADVANCE OF "WIDE LOAD" SIGN

2. PLACE "WIDE LOAD" SIGN 500-FT PRIOR TO SB IH 39-90 OFFRAMP TO STH 51

PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	TRAFFIC CONTROL: OSOW ADVANCED SIGNS	SHEET	E

FILE NAME : \\madw00\ingrproj\56199\t1\cds\025600_tc.dgn PLOT DATE : 11/27/2013 PLOT BY : sbremer PLOT NAME : PLOT SCALE : 3300:1

WISDOT/CADDS SHEET 42

DATE 03FEB14 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1001-01-62 QUANTITY
0010	108.4400	CPM PROGRESS SCHEDULE	EACH	1.000	1.000
0020	203.0200	REMOVING OLD STRUCTURE (STATION) 03. STA. 974NBR+25	LS	1.000	1.000
0030	203.0225.S	DEBRIS CONTAINMENT (STRUCTURE) 01. (B-53-77)	LS	1.000	1.000
0040	203.0225.S	DEBRIS CONTAINMENT (STRUCTURE) 02. (B-53-83)	LS	1.000	1.000
0050	204.0105	REMOVING PAVEMENT BUTT JOINTS	SY	6,550.000	6,550.000
0060	204.0110	REMOVING ASPHALTIC SURFACE	SY	36,518.000	36,518.000
0070	204.0115	REMOVING ASPHALTIC SURFACE BUTT JOINTS	SY	1,557.000	1,557.000
0080	204.0120	REMOVING ASPHALTIC SURFACE MILLING	SY	224,288.000	224,288.000
0090	211.0400	PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS	STA	547.000	547.000
0100	213.0100	FINISHING ROADWAY (PROJECT) 01. 1001-01-62	EACH	1.000	1.000
0110	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	9,727.000	9,727.000
0120	305.0500	SHAPING SHOULDERS	STA	2,091.000	2,091.000
0130	416.0610	DRILLED TIE BARS	EACH	5,013.000	5,013.000
0140	416.0620	DRILLED DOWEL BARS	EACH	21,312.000	21,312.000
0150	416.1110	CONCRETE RUMBLE STRIPS SHOULDER	LF	365.000	365.000
0160	416.1715	CONCRETE PAVEMENT REPAIR SHES	SY	11,285.000	11,285.000
0170	416.1725	CONCRETE PAVEMENT REPLACEMENT SHES	SY	9,598.000	9,598.000
0180	455.0105	ASPHALTIC MATERIAL PG58-28	TON	3,937.000	3,937.000
0190	455.0605	TACK COAT	GAL	16,521.000	16,521.000
0200	460.1110	HMA PAVEMENT TYPE E-10	TON	71,455.000	71,455.000
0210	460.2000	INCENTIVE DENSITY HMA PAVEMENT	DOL	45,740.000	45,740.000
0220	465.0110	ASPHALTIC SURFACE PATCHING	TON	22.000	22.000
0230	465.0400	ASPHALTIC SHOULDER RUMBLE STRIP	LF	181,688.000	181,688.000
0240	509.9010.S	REMOVING ASPHALTIC CONCRETE DECK OVERLAY (STRUCTURE) 01. B-53-73	SY	697.000	697.000
0250	509.9010.S	REMOVING ASPHALTIC CONCRETE DECK OVERLAY (STRUCTURE) 02. B-53-75	SY	480.000	480.000
0260	509.9010.S	REMOVING ASPHALTIC CONCRETE DECK OVERLAY (STRUCTURE) 03. B-53-0077	SY	600.000	600.000
0270	614.0400	ADJUSTING STEEL PLATE BEAM GUARD	LF	653.000	653.000
0280	614.0950	REPLACING GUARDRAIL POSTS AND BLOCKS	EACH	10.000	10.000
0290	614.0951	REPLACING GUARDRAIL RAIL AND HARDWARE	LF	65.000	65.000
0300	619.1000	MOBILIZATION	EACH	1.000	1.000
0310	628.7015	INLET PROTECTION TYPE C	EACH	14.000	14.000
0320	634.0616	POSTS WOOD 4X6-INCH X 16-FT	EACH	4.000	4.000
0330	642.5401	FIELD OFFICE TYPE D	EACH	1.000	1.000
0340	643.0100	TRAFFIC CONTROL (PROJECT) 01. 1001-01-62	EACH	1.000	1.000
0350	643.0300	TRAFFIC CONTROL DRUMS	DAY	142,848.000	142,848.000
0360	643.0420	TRAFFIC CONTROL BARRICADES TYPE III	DAY	2,327.000	2,327.000
0370	643.0705	TRAFFIC CONTROL WARNING LIGHTS TYPE A	DAY	4,654.000	4,654.000
0380	643.0715	TRAFFIC CONTROL WARNING LIGHTS TYPE C	DAY	6,636.000	6,636.000
0390	643.0800	TRAFFIC CONTROL ARROW BOARDS	DAY	498.000	498.000
0400	643.0900	TRAFFIC CONTROL SIGNS	DAY	8,346.000	8,346.000
0410	643.0920	TRAFFIC CONTROL COVERING SIGNS TYPE II	EACH	914.000	914.000
0420	643.1000	TRAFFIC CONTROL SIGNS FIXED MESSAGE	SF	81.000	81.000
0430	643.1050	TRAFFIC CONTROL SIGNS PCMS	DAY	1,596.000	1,596.000
0440	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	210,017.000	210,017.000
0450	646.0126	PAVEMENT MARKING EPOXY 8-INCH	LF	3,702.000	3,702.000
0460	646.0600	REMOVING PAVEMENT MARKINGS	LF	300.000	300.000
0470	647.0746	PAVEMENT MARKING DIAGONAL EPOXY 24-INCH	LF	962.000	962.000

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DATE 03FEB14 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1001-01-62 QUANTITY
0480	649.0200	TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH	LF	246,536.000	246,536.000
0490	649.0701	TEMPORARY PAVEMENT MARKING 8-INCH	LF	4,159.000	4,159.000
0500	649.1500	TEMPORARY PAVEMENT MARKING DIAGONAL 12-INCH	LF	1,415.000	1,415.000
0510	650.8000	CONSTRUCTION STAKING RESURFACING REFERENCE	LF	66,878.000	66,878.000
0520	650.9910	CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 1001-01-62	LS	1.000	1.000
0530	690.0150	SAWING ASPHALT	LF	310.000	310.000
0540	690.0250	SAWING CONCRETE	LF	36,155.000	36,155.000
0550	SPV.0025	SPECIAL 01. POLYESTER POLYMER CONCRETE MASONRY	CF	68.000	68.000
0560	SPV.0045	SPECIAL 01. PCMS REMOTE COMMUNICATIONS	DAY	319.000	319.000
0570	SPV.0060	SPECIAL 01. SECURING STRUCTURE COVERS	EACH	12.000	12.000
0580	SPV.0090	SPECIAL 01. ROUT AND SEAL JOINT	LF	1,850.000	1,850.000
0590	SPV.0090	SPECIAL 02. SAWING CONCRETE PARTIAL DEPTH	LF	1,128.000	1,128.000
0600	SPV.0090	SPECIAL 03. FILL EXISTING RUMBLE STRIPS	LF	2,065.000	2,065.000
0610	SPV.0090	SPECIAL 04. RESTORE EXISTING RUMBLE STRIPS	LF	365.000	365.000
0620	SPV.0090	SPECIAL 05. REMOVING HMA PAVEMENT TAPERED AND NOTCHED LONGITUDINAL JOINTS MILLING	LF	28,303.000	28,303.000
0630	SPV.0180	SPECIAL 01. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES REPAIR	SY	448.000	448.000
0640	SPV.0180	SPECIAL 02. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT APPROACH SLAB SHES REPAIR	SY	37.000	37.000
0650	SPV.0180	SPECIAL 03. REMOVING RUMBLE STRIPS	SY	1,436.000	1,436.000
0660	SPV.0195	SPECIAL 01. POLYMER MODIFIED ASPHALT OVERLAY	TON	196.000	196.000

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DEBRIS CONTAINMENT

ROADWAY	STATION FROM	STATION TO	LOCATION	203.0225.S.01 DEBRIS CONTAINMENT B-53-77 LUMP SUM	203.0225.S.02 DEBRIS CONTAINMENT B-53-83 LUMP SUM
STAGE 1					
NB IH 39	973NBR+50	974NBR+95	RT	1	--
SB IH 39	759SBR+73	761SBR+20	LT	--	1
STAGE 1 SUBTOTALS				1	1
PROJECT 1001-01-62 TOTALS				1	1

REMOVING BUTT JOINTS

ROADWAY	STATION FROM	STATION TO	LOCATION	204.0105 REMOVING PAVEMENT BUTT JOINTS SY	204.0115 REMOVING ASPHALTIC SURFACE BUTT JOINTS SY	COMMENTS
STAGE 2B						
NB IH 39	808NBR+00	809NBR+50	INSIDE LANE/SHOULDER	250	--	BEGIN OVERLAY
NH IH 39	813NBR+50	--	MEDIAN CROSSOVER	--	20	
NB IH 39	875NBR+70	877NBR+20	INSIDE LANE/SHOULDER	250	--	B-53-80
NB IH 39	878NBR+50	880NBR+00	INSIDE LANE/SHOULDER	250	--	B-53-80
NB IH 39	928NBR+25	929NBR+75	INSIDE LANE/SHOULDER	250	--	100' SOUTH OF MANOGUE RD
NB IH 39	928NBR+88	--	MEDIAN CROSSOVER	--	22	
NB IH 39	932NBR+05	933NBR+55	INSIDE LANE/SHOULDER	250	--	100' NORTH OF MANOGUE RD
NB IH 39	937NBR+00	938NBR+50	INSIDE LANE/SHOULDER	250	--	END NEW OVERLAY/MATCH EXISTING OVERLAY
SB IH 39	1207SBR+00	1208SBR+50	INSIDE LANE/SHOULDER	200	83	BEGIN OVERLAY
SB IH 39	102SBD+75	--	MEDIAN CROSSOVER	--	61	
SB IH 39	128SBD+05	129SBD+55	INSIDE LANE/SHOULDER	200	83	B-13-176
SB IH 39	135SBD+00	136SBD+50	INSIDE LANE/SHOULDER	200	83	250' NORTH OF B-13-176
SB IH 39	194SBD+55	--	MEDIAN CROSSOVER	--	25	
SB IH 39	212SBD+25	213SBD+75	INSIDE LANE/SHOULDER	200	83	100' SOUTH OF STH 73
SB IH 39	216SBD+25	217SBD+75	INSIDE LANE/SHOULDER	200	83	100' NORTH OF STH 73
SB IH 39	253SBD+95	255SBD+45	INSIDE LANE/SHOULDER	200	83	100' SOUTH OF STH 106
STAGE 2B SUBTOTALS				2,700	626	
STAGE 3B						
NB IH 39	808NBR+00	809NBR+50	OUTSIDE LANE/SHOULDER	367	--	BEGIN OVERLAY
NB IH 39	875NBR+70	877NBR+20	OUTSIDE LANE/SHOULDER	367	--	B-53-80
NB IH 39	878NBR+50	880NBR+00	OUTSIDE LANE/SHOULDER	367	--	B-53-80
NB IH 39	928NBR+25	929NBR+75	OUTSIDE LANE/SHOULDER	367	--	100' SOUTH OF MANOGUE RD
NB IH 39	932NBR+05	933NBR+55	OUTSIDE LANE/SHOULDER	367	--	100' NORTH OF MANOGUE RD
NB IH 39	937NBR+00	938NBR+50	OUTSIDE LANE/SHOULDER	367	--	END NEW OVERLAY/MATCH EXISTING OVERLAY
SB IH 39	1207SBR+00	1208SBR+50	OUTSIDE LANE/SHOULDER	233	133	BEGIN OVERLAY
SB IH 39	128SBD+05	129SBD+55	OUTSIDE LANE/SHOULDER	233	133	B-13-176
SB IH 39	135BD+00	136SBD+50	OUTSIDE LANE/SHOULDER	233	133	250' NORTH OF B-13-176
SB IH 39	212SBD+25	213SBD+75	OUTSIDE LANE/SHOULDER	233	133	100' SOUTH OF STH 73
SB IH 39	216SBD+25	217SBD+75	OUTSIDE LANE/SHOULDER	233	133	100' NORTH OF STH 73. INCLUDES RAMP GORE BUTT JOINT.
SB IH 39	223SBD+50	225SBD+00	RAMP LANE/SHOULDER	250	133	SB OFFRAMP
SB IH 39	253SBD+95	255SBD+45	OUTSIDE LANE/SHOULDER	233	133	100' SOUTH OF STH 106
STAGE 3B SUBTOTALS				3,850	931	
PROJECT 1001-01-62 TOTALS				6,550	1,557	

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

3

BASE MATERIAL

ROADWAY	STATION FROM	STATION TO	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0500 SHAPING SHOULDERS STA	COMMENTS
STAGE 1						
NB IH 39	808NBR+00	877NBR+20	RT	400	--	
NB IH 39	878NBR+50	929NBR+75	RT	297	--	
NB IH 39	932NBR+05	938NBR+50	RT	37	--	
NB IH 39	984NBR+55	1061NBR+76	RT	2	--	
NB IH 39	1063NBR+25	1123NBR+00	RT	7	--	
NB IH 39	1153NBR+01	1211NBR+00	RT	114	58	
SB IH 39	641SBR+41	661SBR+00	RT	4	--	
SB IH 39	661SBR+00	700SBR+25	RT	2	--	
SB IH 39	702SBR+80	740SBR+60	RT	2	--	
SB IH 39	1152SBR+61	1207SBR+00	RT	107	54	
SB IH 39	1207SBR+00	1216SBR+88	RT	19	10	
SB IH 39	101SBD+40.50	129SBD+70	RT	55	28	
SB IH 39	135SBD+00	258SBD+00	RT	241	123	
STAGE 1 SUBTOTALS				1,287	273	
STAGE 2A						
SB IH 39	1152SBR+61	1207SBR+00	LT	375	54	
SB IH 39	1207SBR+00	1216SBR+88	LT	81	10	HIGH TENSION CABLE GUARD LOCATION
SB IH 39	101SBD+40.50	102SBD+55	LT	9	1	HIGH TENSION CABLE GUARD LOCATION
SB IH 39	102SBD+55	129SBD+70	LT	187	27	
SB IH 39	135SBD+00	194SBD+40	LT	486	59	HIGH TENSION CABLE GUARD LOCATION
SB IH 39	194SBD+40	259SBD+00	LT	446	65	
STAGE 2A SUBTOTALS				1,584	216	
STAGE 2B						
NB IH 39	808NBR+00	877NBR+20	LT	467	--	INSIDE SHOULDER 1ST LIFT
NB IH 39	878NBR+50	929NBR+75	LT	346	--	INSIDE SHOULDER 1ST LIFT
NB IH 39	932NBR+05	938NBR+50	LT	44	--	INSIDE SHOULDER 1ST LIFT
NB IH 39	938NBR+50	973NBR+55	LT	115	35	
NB IH 39	974NBR+90	983NBR+48	LT	28	9	
NB IH 39	984NBR+55	1061NBR+76	LT	254	77	
NB IH 39	1063NBR+25	1123NBR+00	LT	196	60	
NB IH 39	1153NBR+01	1211NBR+00	LT	400	58	
SB IH 39	628SBR+80	640SBR+29	LT	34	11	
SB IH 39	641SBR+41	661SBR+00	LT	58	20	

ALL ITEMS ARE CATEGORY **0010**
UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

BASE MATERIAL (CONTINUED)

ROADWAY	STATION FROM	STATION TO	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0500 SHAPING SHOULDERS STA	COMMENTS
STAGE 2B CONTINUED						
SB IH 39	661SBR+00	700SBR+25	LT	116	39	
SB IH 39	702SBR+80	740SBR+60	LT	112	38	
SB IH 39	742SBR+65	759SBR+78	LT	51	17	
SB IH 39	761SBR+10	792SBR+10	LT	92	31	
SB IH 39	795SBR+10	813SBR+00	LT	53	18	
SB IH 39	1092SBR+00	1123SBR+00	LT	92	31	
SB IH 39	1207SBR+00	1216SBR+88	LT	16	--	INSIDE SHOULDER 1ST LIFT, HIGH TENSION CABLE GUARD LOCATION
SB IH 39	101SBD+40.50	102SBD+55	LT	2	--	INSIDE SHOULDER 1ST LIFT, HIGH TENSION CABLE GUARD LOCATION
SB IH 39	102SBD+55	129SBD+70	LT	154	--	INSIDE SHOULDER 1ST LIFT
SB IH 39	135SBD+00	194SBD+40	LT	96	--	INSIDE SHOULDER 1ST LIFT, HIGH TENSION CABLE GUARD LOCATION
SB IH 39	194SBD+40	213SBD+75	LT	110	--	INSIDE SHOULDER 1ST LIFT
SB IH 39	216SBD+25	255SBD+45	LT	222	--	INSIDE SHOULDER 1ST LIFT
STAGE 2B SUBTOTALS				3,058	444	
STAGE 3B						
NB IH 39	808NBR+00	877NBR+20	RT	243	--	OUTSIDE SHOULDER 1ST LIFT
NB IH 39	878NBR+50	929NBR+75	RT	180	--	OUTSIDE SHOULDER 1ST LIFT
NB IH 39	932NBR+05	938NBR+50	RT	23	--	OUTSIDE SHOULDER 1ST LIFT
NB IH 39	938NBR+50	973NBR+55	RT	39	35	
NB IH 39	974NBR+90	983NBR+48	RT	10	9	
NB IH 39	984NBR+55	1061NBR+76	RT	87	77	
NB IH 39	1063NBR+25	1123NBR+00	RT	67	60	
SB IH 39	628SBR+80	640SBR+29	RT	13	11	
SB IH 39	641SBR+41	661SBR+00	RT	22	20	
SB IH 39	661SBR+00	700SBR+25	RT	44	39	
SB IH 39	702SBR+80	740SBR+60	RT	43	38	
SB IH 39	742SBR+65	759SBR+78	RT	19	17	
SB IH 39	761SBR+10	792SBR+10	RT	35	31	
SB IH 39	795SBR+10	813SBR+00	RT	20	18	
SB IH 39	1092SBR+00	1123SBR+00	RT	35	31	
SB IH 39	1207SBR+00	1216SBR+88	RT	35	--	OUTSIDE SHOULDER 1ST LIFT
SB IH 39	101SBD+40.5	129SBD+70	RT	99	--	OUTSIDE SHOULDER 1ST LIFT
SB IH 39	135SBD+00	213SBD+75	RT	276	--	OUTSIDE SHOULDER 1ST LIFT
SB IH 39	216SBD+25	255SBD+45	RT	138	--	OUTSIDE SHOULDER 1ST LIFT
STAGE 3B SUBTOTALS				1,428	386	

ALL ITEMS ARE CATEGORY **0010**
UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

BASE MATERIAL (CONTINUED)

ROADWAY	STATION FROM	STATION TO	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0500 SHAPING SHOULDERS STA	COMMENTS
STAGE 3C						
NB IH 39	808NBR+00	877NBR+20	RT	19	--	OUTSIDE SHOULDER 2ND LIFT
NB IH 39	878NBR+50	929NBR+75	RT	14	--	OUTSIDE SHOULDER 2ND LIFT
NB IH 39	932NBR+05	938NBR+50	RT	2	--	OUTSIDE SHOULDER 2ND LIFT
NB IH 39	938NBR+50	973NBR+55	RT	13	35	
NB IH 39	974NBR+90	983NBR+48	RT	3	9	
NB IH 39	984NBR+55	1061NBR+76	RT	29	77	
NB IH 39	1063NBR+25	1123NBR+00	RT	22	60	
SB IH 39	628SBR+80	640SBR+29	RT	4	11	
SB IH 39	641SBR+41	661SBR+00	RT	7	20	
SB IH 39	661SBR+00	700SBR+25	RT	15	39	
SB IH 39	702SBR+80	740SBR+60	RT	14	38	
SB IH 39	742SBR+65	759SBR+78	RT	6	17	
SB IH 39	761SBR+10	792SBR+10	RT	12	31	
SB IH 39	795SBR+10	813SBR+00	RT	7	18	
SB IH 39	1092SBR+00	1123SBR+00	RT	12	31	
SB IH 39	1207SBR+00	1216SBR+88	RT	3	--	OUTSIDE SHOULDER 2ND LIFT
SB IH 39	101SBD+40.5	129SBD+70	RT	8	--	OUTSIDE SHOULDER 2ND LIFT
SB IH 39	135SBD+00	213SBD+75	RT	21	--	OUTSIDE SHOULDER 2ND LIFT
SB IH 39	216SBD+25	255SBD+45	RT	11	--	OUTSIDE SHOULDER 2ND LIFT
STAGE 3C SUBTOTALS				222	386	
STAGE 4						
NB IH 39	628NBR+95	258NBD+00	RT/LT	200	--	BEAMGUARD/EAT TERMINALS
NB IH 39	808NBR+00	877NBR+20	LT	243	--	INSIDE SHOULDER 2ND LIFT
NB IH 39	878NBR+50	929NBR+75	LT	180	--	INSIDE SHOULDER 2ND LIFT
NB IH 39	932NBR+05	938NBR+50	LT	23	--	INSIDE SHOULDER 2ND LIFT
NB IH 39	938NBR+50	973NBR+55	LT	89	35	
NB IH 39	974NBR+90	983NBR+48	LT	22	9	
NB IH 39	984NBR+55	1061NBR+76	LT	196	77	
NB IH 39	1063NBR+25	1123NBR+00	LT	151	60	
SB IH 39	628SBR+80	640SBR+29	LT	28	11	
SB IH 39	641SBR+41	661SBR+00	LT	48	20	

ALL ITEMS ARE CATEGORY **0010**
UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

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BASE MATERIAL (CONTINUED)

ROADWAY	STATION FROM	STATION TO	LOCATION	305.0110 BASE AGGREGATE DENSE 3/4-INCH TON	305.0500 SHAPING SHOULDERS STA	COMMENTS
STAGE 4 CONTINUED						
SB IH 39	661SBR+00	700SBR+25	LT	95	39	
SB IH 39	702SBR+80	740SBR+60	LT	92	38	
SB IH 39	742SBR+65	759SBR+78	LT	42	17	
SB IH 39	761SBR+10	792SBR+10	LT	75	31	
SB IH 39	795SBR+10	813SBR+00	LT	43	18	
SB IH 39	1092SBR+00	1123SBR+00	LT	75	31	
SB IH 39	628SBR+80	258SBD+00	RT/LT	200	--	BEAMGUARD/EAT TERMINALS
SB IH 39	1207SBR+00	1216SBR+88	LT	5	--	INSIDE SHOULDER 2ND LIFT, HIGH TENSION CABLE GUARD LOCATION
SB IH 39	101SBD+40.50	102SBD+55	LT	1	--	INSIDE SHOULDER 2ND LIFT, HIGH TENSION CABLE GUARD LOCATION
SB IH 39	102SBD+55	129SBD+70	LT	66	--	INSIDE SHOULDER 2ND LIFT
SB IH 39	135SBD+00	194SBD+40	LT	32	--	INSIDE SHOULDER 2ND LIFT, HIGH TENSION CABLE GUARD LOCATION
SB IH 39	194SBD+40	213SBD+75	LT	47	--	INSIDE SHOULDER 2ND LIFT
SB IH 39	216SBD+25	255SBD+45	LT	95	--	INSIDE SHOULDER 2ND LIFT
STAGE 4 SUBTOTALS				2,048	386	
UNDISTRIBUTED						
IH 39	628SBR+80	258SBD+00	RT/LT	100	--	
PROJECT 1001-01-62 TOTALS				9,727	2,091	

ALL ITEMS ARE CATEGORY **0010**
UNLESS OTHERWISE SPECIFIED

STATE PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

3

MAINLINE CONCRETE REPAIR

	STATION			416.0610 DRILLED TIE BARS	416.0620 DRILLED DOWEL BARS	416.1110 CONCRETE RUMBLE STRIPS SHOULDER	416.1715 CONCRETE PAVEMENT REPAIR SHES	416.1725 CONCRETE PAVEMENT REPLACEMENT SHES	
ROADWAY	FROM	TO	LANE	EACH	EACH	LF	SY	SY	COMMENTS
STAGE 1									
NB IH 39	808NBR+00	832NBR+00	OUTSIDE	12	16	--	--	17	
NB IH 39	832NBR+00	858NBR+00	OUTSIDE	--	16	--	7	--	
NB IH 39	884NBR+00	910NBR+00	OUTSIDE	--	16	--	7	--	
NB IH 39	910NBR+00	936NBR+00	OUTSIDE	12	16	--	--	17	
NB IH 39	936NBR+00	962NBR+00	OUTSIDE	12	16	--	--	17	
NB IH 39	988NBR+00	1040NBR+00	SHOULDER	12	16	--	--	17	
NB IH 39	1040NBR+00	1092NBR+00	SHOULDER	24	32	--	--	33	
NB IH 39	1092NBR+00	1146NBR+00	SHOULDER	24	32	--	--	33	
SB IH 39	650SBR+00	665SBR+00	SHOULDER	--	32	--	22	--	
SB IH 39	680SBR+00	700SBR+00	SHOULDER	--	16	--	7	--	
SB IH 39	700SBR+00	750SBR+00	SHOULDER	--	16	--	7	--	
STAGE 1 SUBTOTALS				96	224	0	50	134	
STAGE 2A									
NB IH 39	808NBR+00	832NBR+00	INSIDE	489	400	--	166	1,018	
NB IH 39	832NBR+00	858NBR+00	INSIDE	274	592	--	301	570	
NB IH 39	858NBR+00	884NBR+00	INSIDE	306	640	--	355	638	
NB IH 39	884NBR+00	910NBR+00	INSIDE	124	400	--	236	259	
NB IH 39	910NBR+00	936NBR+00	INSIDE	226	832	--	466	471	
NB IH 39	936NBR+00	962NBR+00	INSIDE	72	112	--	56	149	
NB IH 39	962NBR+00	988NBR+00	INSIDE	--	--	--	--	--	
NB IH 39	988NBR+00	1040NBR+00	INSIDE	--	--	--	--	--	
NB IH 39	1040NBR+00	1092NBR+00	INSIDE	--	--	--	--	--	B-53-73 NORTH AND SOUTH APPROACH SLABS
NB IH 39	1092NBR+00	1146NBR+00	INSIDE	--	--	--	--	--	
NB IH 39	1153NBR+00	1182NBR+00	INSIDE	21	672	--	342	36	
NB IH 39	1182NBR+00	1211NBR+00	INSIDE	17	224	--	120	28	
SB IH 39	650SBR+00	665SBR+00	INSIDE	--	--	--	--	--	
SB IH 39	1100SBR+00	1126SBR+00	INSIDE	--	--	--	--	--	
SB IH 39	1152SBR+00	1178SBR+00	INSIDE	117	880	--	425	194	
SB IH 39	1178SBR+00	1204SBR+00	INSIDE	22	480	--	246	37	
SB IH 39	1204SBR+00	1216SBR+00	INSIDE	27	288	--	136	46	
SB IH 39	102SBD+00	128SBD+00	INSIDE	--	336	--	172	--	
SB IH 39	128SBD+00	154SBD+00	INSIDE	--	384	--	192	--	
SB IH 39	154SBD+00	180SBD+00	INSIDE	20	400	--	201	34	
SB IH 39	180SBD+00	206SBD+00	INSIDE	18	400	--	192	30	
SB IH 39	206SBD+00	232SBD+00	INSIDE	67	720	--	357	112	
SB IH 39	232SBD+00	258SBD+00	INSIDE	53	576	--	287	88	
STAGE 2A SUBTOTALS				1,853	8,336	0	4,250	3,710	

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

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MAINLINE CONCRETE REPAIR (CONTINUED)

	STATION			416.0610 DRILLED TIE BARS	416.0620 DRILLED DOWEL BARS	416.1110 CONCRETE RUMBLE STRIPS SHOULDER	416.1715 CONCRETE PAVEMENT REPAIR SHES	416.1725 CONCRETE PAVEMENT REPLACEMENT SHES	
ROADWAY	FROM	TO	LANE	EACH	EACH	LF	SY	SY	COMMENTS
STAGE 3A									
NB IH 39	808NBR+00	832NBR+00	OUTSIDE	79	624	--	317	132	
NB IH 39	832NBR+00	858NBR+00	OUTSIDE	17	784	--	423	29	
NB IH 39	858NBR+00	884NBR+00	OUTSIDE	118	592	--	302	196	
NB IH 39	884NBR+00	910NBR+00	OUTSIDE	--	560	--	310	--	
NB IH 39	910NBR+00	936NBR+00	OUTSIDE	308	928	--	475	513	
NB IH 39	936NBR+00	962NBR+00	OUTSIDE	196	48	--	--	326	
NB IH 39	962NBR+00	988NBR+00	OUTSIDE	--	--	--	--	--	
NB IH 39	988NBR+00	1040NBR+00	OUTSIDE	--	--	--	--	--	
NB IH 39	1040NBR+00	1092NBR+00	OUTSIDE	--	--	--	--	--	B-53-73 NORTH AND SOUTH APPROACH SLABS
NB IH 39	1092NBR+00	1146NBR+00	OUTSIDE	--	--	--	--	--	
NB IH 39	1153NBR+00	1182NBR+00	OUTSIDE	70	928	--	533	136	
NB IH 39	1182NBR+00	1211NBR+00	OUTSIDE	151	816	--	452	294	
SB IH 39	650SBR+00	665SBR+00	OUTSIDE	--	--	--	--	--	
SB IH 39	1100SBR+00	1126SBR+00	OUTSIDE	--	--	--	--	--	
SB IH 39	1152SBR+00	1178SBR+00	OUTSIDE	307	1,072	--	611	597	
SB IH 39	1178SBR+00	1204SBR+00	OUTSIDE	101	800	--	476	196	
SB IH 39	1204SBR+00	1216SBR+00	OUTSIDE	57	400	--	226	111	
SB IH 39	102SBD+00	128SBD+00	OUTSIDE	81	544	--	335	157	
SB IH 39	128SBD+00	154SBD+00	OUTSIDE	58	592	--	373	112	
SB IH 39	154SBD+00	180SBD+00	OUTSIDE	109	880	--	518	213	
SB IH 39	180SBD+00	206SBD+00	OUTSIDE	159	992	--	563	309	
SB IH 39	206SBD+00	232SBD+00	OUTSIDE	443	912	--	453	861	
SB IH 39	232SBD+00	258SBD+00	OUTSIDE	712	864	--	397	1,385	
STAGE 3A SUBTOTALS				2,966	12,336	0	6,764	5,567	
STAGE 5									
NB IH 39	1153NBR+01	1211NBR+00	OUTSIDE	--	--	200	--	--	
SB IH 39	1152SBR+61	1207SBR+00	OUTSIDE	--	--	165	--	--	
STAGE 5 SUBTOTALS				0	0	365	0	0	
UNDISTRIBUTED									
NB IH 39	808NBR+00	1211NBR+00		51	185	--	97	98	
SB IH 39	650SBR+00	258SBD+00		47	232	--	124	90	
UNDISTRIBUTED SUBTOTALS				98	416	0	221	187	
PROJECT 1001-01-62 TOTALS				5,013	21,312	365	11,285	9,598	

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

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MAINLINE CONCRETE REPAIR (CONTINUED)

ROADWAY	STATION FROM	TO	LANE	690.0250 SAWING CONCRETE LF	SPV.0090.02 SAWING CONCRETE PARTIAL DEPTH LF	SPV.0180.01 CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES REPAIR SY	SPV.0180.02 CONTINUOUSLY REINFORCED CONCRETE PAVEMENT APPROACH SLAB SHES REPAIR SY	COMMENTS
STAGE 1								
NB IH 39	808NBR+00	832NBR+00	OUTSIDE	20	--	--	--	
NB IH 39	832NBR+00	858NBR+00	OUTSIDE	20	--	--	--	
NB IH 39	884NBR+00	910NBR+00	OUTSIDE	20	--	--	--	
NB IH 39	910NBR+00	936NBR+00	OUTSIDE	20	--	--	--	
NB IH 39	936NBR+00	962NBR+00	OUTSIDE	20	--	--	--	
NB IH 39	988NBR+00	1040NBR+00	SHOULDER	20	--	--	--	
NB IH 39	1040NBR+00	1092NBR+00	SHOULDER	40	--	--	--	
NB IH 39	1092NBR+00	1146NBR+00	SHOULDER	40	--	--	--	
SB IH 39	650SBR+00	665SBR+00	SHOULDER	40	--	--	--	
SB IH 39	680SBR+00	700SBR+00	SHOULDER	20	--	--	--	
SB IH 39	700SBR+00	750SBR+00	SHOULDER	20	--	--	--	
STAGE 1 SUBTOTALS				280	0	0	0	
STAGE 2A								
NB IH 39	808NBR+00	832NBR+00	INSIDE	750	--	--	--	
NB IH 39	832NBR+00	858NBR+00	INSIDE	1,110	--	--	--	
NB IH 39	858NBR+00	884NBR+00	INSIDE	1,200	--	--	--	
NB IH 39	884NBR+00	910NBR+00	INSIDE	750	--	--	--	
NB IH 39	910NBR+00	936NBR+00	INSIDE	1,560	--	--	--	
NB IH 39	936NBR+00	962NBR+00	INSIDE	210	--	--	--	
NB IH 39	962NBR+00	988NBR+00	INSIDE	--	--	--	--	
NB IH 39	988NBR+00	1040NBR+00	INSIDE	76	48	18	--	
NB IH 39	1040NBR+00	1092NBR+00	INSIDE	86	48	25	19	B-53-73 NORTH AND SOUTH APPROACH SLABS
NB IH 39	1092NBR+00	1146NBR+00	INSIDE	--	--	--	--	
NB IH 39	1153NBR+00	1182NBR+00	INSIDE	1,008	--	--	--	
NB IH 39	1182NBR+00	1211NBR+00	INSIDE	336	--	--	--	
SB IH 39	650SBR+00	665SBR+00	INSIDE	39	24	10	--	
SB IH 39	1100SBR+00	1126SBR+00	INSIDE	109	72	25	--	
SB IH 39	1152SBR+00	1178SBR+00	INSIDE	1,320	--	--	--	
SB IH 39	1178SBR+00	1204SBR+00	INSIDE	720	--	--	--	
SB IH 39	1204SBR+00	1216SBR+00	INSIDE	432	--	--	--	
SB IH 39	102SBD+00	128SBD+00	INSIDE	504	--	--	--	
SB IH 39	128SBD+00	154SBD+00	INSIDE	576	--	--	--	
SB IH 39	154SBD+00	180SBD+00	INSIDE	600	--	--	--	
SB IH 39	180SBD+00	206SBD+00	INSIDE	600	--	--	--	
SB IH 39	206SBD+00	232SBD+00	INSIDE	1,080	--	--	--	
SB IH 39	232SBD+00	258SBD+00	INSIDE	864	--	--	--	
STAGE 2A SUBTOTALS				13,930	192	78	19	

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

MAINLINE CONCRETE REPAIR (CONTINUED)

ROADWAY	STATION FROM	STATION TO	LANE	690.0250 SAWING CONCRETE LF	SPV.0090.02 SAWING CONCRETE PARTIAL DEPTH LF	SPV.0180.01 CONTINUOUSLY REINFORCED CONCRETE PAVEMENT SHES REPAIR SY	SPV.0180.02 CONTINUOUSLY REINFORCED CONCRETE PAVEMENT APPROACH SLAB SHES REPAIR SY	COMMENTS
STAGE 3A								
NB IH 39	808NBR+00	832NBR+00	OUTSIDE	936	--	--	--	
NB IH 39	832NBR+00	858NBR+00	OUTSIDE	1,176	--	--	--	
NB IH 39	858NBR+00	884NBR+00	OUTSIDE	888	--	--	--	
NB IH 39	884NBR+00	910NBR+00	OUTSIDE	840	--	--	--	
NB IH 39	910NBR+00	936NBR+00	OUTSIDE	1,392	--	--	--	
NB IH 39	936NBR+00	962NBR+00	OUTSIDE	150	48	20	--	
NB IH 39	962NBR+00	988NBR+00	OUTSIDE	--	--	--	--	
NB IH 39	988NBR+00	1040NBR+00	OUTSIDE	155	96	39	--	
NB IH 39	1040NBR+00	1092NBR+00	OUTSIDE	125	72	35	19	B-53-73 NORTH AND SOUTH APPROACH SLABS
NB IH 39	1092NBR+00	1146NBR+00	OUTSIDE	48	24	16	--	
NB IH 39	1153NBR+00	1182NBR+00	OUTSIDE	1,624	--	--	--	
NB IH 39	1182NBR+00	1211NBR+00	OUTSIDE	1,428	--	--	--	
SB IH 39	650SBR+00	665SBR+00	OUTSIDE	90	48	28	--	
SB IH 39	1100SBR+00	1126SBR+00	OUTSIDE	38	24	9	--	
SB IH 39	1152SBR+00	1178SBR+00	OUTSIDE	1,876	--	--	--	
SB IH 39	1178SBR+00	1204SBR+00	OUTSIDE	1,400	--	--	--	
SB IH 39	1204SBR+00	1216SBR+00	OUTSIDE	700	--	--	--	
SB IH 39	102SBD+00	128SBD+00	OUTSIDE	952	--	--	--	
SB IH 39	128SBD+00	154SBD+00	OUTSIDE	1,036	--	--	--	
SB IH 39	154SBD+00	180SBD+00	OUTSIDE	1,540	--	--	--	
SB IH 39	180SBD+00	206SBD+00	OUTSIDE	1,736	--	--	--	
SB IH 39	206SBD+00	232SBD+00	OUTSIDE	1,596	--	--	--	
SB IH 39	232SBD+00	258SBD+00	OUTSIDE	1,512	--	--	--	
STAGE 3A SUBTOTALS				21,238	312	147	19	
STAGE 5								
NB IH 39	1153NBR+01	1211NBR+00	OUTSIDE	--	--	--	--	
SB IH 39	1152SBR+61	1207SBR+00	OUTSIDE	--	--	--	--	
STAGE 5 SUBTOTALS				0	0	0	0	
UNDISTRIBUTED								
NB IH 39	808NBR+00	1211NBR+00		319	312	111	--	
SB IH 39	650SBR+00	258SBD+00		388	312	112	--	
UNDISTRIBUTED SUBTOTALS				707	624	223	0	
PROJECT 1001-01-62 TOTALS				36,155	1,128	448	37	

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

ASPHALT ITEMS

ROADWAY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120 *REMOVING ASPHALTIC SURFACE MILLING SY	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1110 HMA PAVEMENT TYPE E-10 TON	COMMENTS
STAGE 1									
NB IH 39	628NBR+95 TO 640NBR+15	EAST MILWAUKEE ST TO MT ZION RD	--	747	--	8	19	146	6' OUTSIDE SHOULDER
NB IH 39	641NBR+41 TO 661NBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	1,306	--	14	33	256	6' OUTSIDE SHOULDER
NB IH 39	808NBR+00 TO 877NBR+20	1350' NORTH OF KENNEDY RD TO TOWNLINE RD	--	--	--	--	--	--	
NB IH 39	878NBR+50 TO 938NBR+50	TOWNLINE RD TO 750' NORTH OF MANOGUE RD	--	--	--	--	--	--	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	779	--	5	19	87	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	191	--	1	5	21	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	1,716	--	11	43	192	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	1,328	--	8	33	149	
NB IH 39	1123NBR+00 TO 1145NBR+65	2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER	--	1,510	--	16	38	296	6' OUTSIDE SHOULDER
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	5155	--	58	64	129	1,155	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	255	--	2	6	29	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	435	--	3	11	49	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	872	--	5	22	98	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	840	--	5	21	94	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	381	--	2	10	43	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	689	--	4	17	77	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	398	--	2	10	45	
SB IH 39	813SBR+00 TO 877SBR+36	KENNEDY RD CROSSOVER TO TOWNLINE RD	--	4,291	--	46	107	841	6' OUTSIDE SHOULDER
SB IH 39	877SBR+43 TO 973SBR+67	TOWNLINE RD TO WSOR RR BRIDGE	--	6,416	--	69	160	1,258	6' OUTSIDE SHOULDER
SB IH 39	975SBR+02 TO 983SBR+48	WSOR RR BRIDGE TO CTH M	--	564	--	6	14	111	6' OUTSIDE SHOULDER
SB IH 39	984SBR+55 TO 1059SBR+50	CTH M TO NEWVILLE RD	--	4,997	--	54	125	979	6' OUTSIDE SHOULDER
SB IH 39	1061SBR+00 TO 1092SBR+00	NEWVILLE RD TO CROSSOVER SOUTH OF ROCK RIVER	--	2,067	--	22	52	405	6' OUTSIDE SHOULDER
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	689	--	4	17	77	
SB IH 39	1123SBR+00 TO 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	1,451	--	16	36	284	6' OUTSIDE SHOULDER
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD	4,835	--	54	60	121	1,083	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	878	--	10	11	22	197	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	2,515	--	28	31	63	563	
SB IH 39	135SBD+00 TO 258SBD+00	LAKE DRIVE RD TO 100' NORTH OF STH 106	10,933	--	123	135	273	2,449	
STAGE 1 SUBTOTALS			24,316	31,920	273	604	1,406	10,984	
STAGE 2A									
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD	2,417	--	54	30	60	541	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	439	--	10	5	11	98	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	1,258	--	28	16	31	282	
SB IH 39	135SBD+00 TO 259SBD+00	LAKE DRIVE RD TO 200' NORTH OF STH 106	5,511	--	124	68	138	1,234	
STAGE 2A SUBTOTALS			9,625	0	216	119	240	2,155	

*INCLUDES APPROXIMATELY 450 SY OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120 *REMOVING ASPHALTIC SURFACE MILLING SY	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1110 HMA PAVEMENT TYPE E-10 TON	COMMENTS
STAGE 2B									
NB IH 39	628NBR+95 TO 640NBR+15	EAST MILWAUKEE ST TO MT ZION RD	--	373	--	4	9	73	3' CENTERLINE
NB IH 39	641NBR+41 TO 661NBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	653	--	7	16	128	3' CENTERLINE
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	--	--	66	322	1,196	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	--	--	49	238	886	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	--	--	6	30	111	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	7,399	--	34	156	611	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	1,811	--	8	38	149	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	16,300	--	74	343	1,345	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	12,614	--	57	266	1,041	
NB IH 39	1123NBR+00 TO 1145NBR+65	2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER	--	755	--	8	19	148	3' CENTERLINE
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	2577	--	58	32	64	577	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	2,426	--	11	51	200	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	4,136	--	19	87	341	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	8,286	--	38	174	684	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	7,980	--	36	168	659	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	3,616	--	16	76	298	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	6,544	--	30	138	540	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	3,779	--	17	80	312	
SB IH 39	813SBR+00 TO 877SBR+36	KENNEDY RD CROSSOVER TO TOWNLINE RD	--	2,145	--	23	54	420	3' CENTERLINE
SB IH 39	877SBR+43 TO 973SBR+67	TOWNLINE RD TO WSOR RR BRIDGE	--	3,208	--	35	80	629	3' CENTERLINE
SB IH 39	975SBR+02 TO 983SBR+48	WSOR RR BRIDGE TO CTH M	--	282	--	3	7	55	3' CENTERLINE
SB IH 39	984SBR+55 TO 1059SBR+50	CTH M TO NEWVILLE RD	--	2,498	--	27	62	490	3' CENTERLINE
SB IH 39	1061SBR+00 TO 1092SBR+00	NEWVILLE RD TO CROSSOVER SOUTH OF ROCK RIVER	--	1,033	--	11	26	203	3' CENTERLINE
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	6,544	--	30	138	540	
SB IH 39	1123SBR+00 TO 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	726	--	8	18	142	3' CENTERLINE
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	10	49	182	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	29	140	520	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	80	388	1,447	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 106	--	--	--	40	193	720	ASPHALT SURFACE PATCH QUANTITY IS FOR STA 1152SBR+61 - 258SBD+00
STAGE 2B SUBTOTALS			2,577	93,110	58	808	3,430	14,647	

*INCLUDES APPROXIMATELY 450 SY OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120 *REMOVING ASPHALTIC SURFACE MILLING SY	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1110 HMA PAVEMENT TYPE E-10 TON	COMMENTS
STAGE 3B									
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	--	--	91	423	1,658	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	--	--	68	313	1,228	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	--	--	9	39	155	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	8,568	--	46	214	840	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	2,097	--	11	52	206	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	18,874	--	102	472	1,850	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	14,606	--	79	365	1,431	
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	--	--	--	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	2,809	--	15	70	275	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	4,789	--	26	120	469	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	10,753	--	58	240	1,054	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	12,347	--	67	231	1,210	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	4,884	--	26	105	479	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	7,578	--	41	189	743	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	4,376	--	24	109	429	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	7,578	--	41	189	743	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	13	60	237	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	37	173	678	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	104	481	1,887	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 107	--	--	--	60	240	1,097	ASPHALT SURFACE PATCH QUANTITY IS FOR STA 1152SBR+61 - 258SBD+00
STAGE 3B SUBTOTALS			0	99,258	0	918	4,085	16,669	
STAGE 3C									
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	--	--	89	457	1,616	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	--	--	64	338	1,169	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	--	--	3	43	53	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	--	--	48	231	873	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	12	57	214	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	--	--	106	509	1,923	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	--	--	82	394	1,488	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	16	76	286	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	27	129	488	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	--	--	60	259	1,091	

*INCLUDES APPROXIMATELY 450 SY OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120 *REMOVING ASPHALTIC SURFACE MILLING SY	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1110 HMA PAVEMENT TYPE E-10 TON	COMMENTS
STAGE 3C CONTINUED									
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	--	--	69	249	1,246	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	--	--	27	113	495	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	--	--	42	205	772	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	--	--	25	118	446	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	42	205	772	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	11	65	192	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	36	187	651	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	102	520	1,854	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 108	--	--	--	53	259	961	
STAGE 3C SUBTOTALS			0	0	0	914	4,414	16,590	
STAGE 4									
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	--	--	54	288	981	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	--	--	39	214	705	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	--	--	1	27	16	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	--	--	32	156	577	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	8	38	141	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	--	--	70	343	1,272	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	--	--	54	266	984	
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	--	--	--	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	10	51	189	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	18	87	323	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	--	--	36	174	646	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	--	--	34	168	623	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	--	--	16	76	282	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	--	--	30	146	544	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	--	--	16	80	295	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	28	138	511	
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD		--	--	--	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	7	44	121	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	23	126	424	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	67	350	1,214	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 109	--	--	--	31	174	562	
STAGE 4 SUBTOTALS			0	0	0	574	2,946	10,410	

*INCLUDES APPROXIMATELY 450 SY OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	204.0110 REMOVING ASPHALTIC SURFACE SY	204.0120 *REMOVING ASPHALTIC SURFACE MILLING SY	211.0400 PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS STA	455.0105 ASPHALTIC MATERIAL PG58-28 TON	455.0605 TACK COAT GAL	460.1110 HMA PAVEMENT TYPE E-10 TON	COMMENTS
STAGE 5									
NB IH 39	628NBR+95 TO 640NBR+15	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	
NB IH 39	641NBR+41 TO 661NBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	--	--	--	--	--	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	--	--	--	--	--	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	--	--	--	--	--	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	--	--	--	--	--	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	--	--	--	--	--	
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	--	--	--	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	--	--	--	--	--	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	--	--	--	--	--	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	--	--	--	--	--	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	--	--	--	--	--	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	--	--	--	--	--	
SB IH 39	813SBR+00 TO 877SBR+36	KENNEDY RD CROSSOVER TO TOWNLINE RD	--	--	--	--	--	--	
SB IH 39	877SBR+43 TO 973SBR+67	TOWNLINE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	
SB IH 39	975SBR+02 TO 983SBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	
SB IH 39	984SBR+55 TO 1059SBR+50	CTH M TO NEWVILLE RD	--	--	--	--	--	--	
SB IH 39	1061SBR+00 TO 1092SBR+00	NEWVILLE RD TO CROSSOVER SOUTH OF ROCK RIVER	--	--	--	--	--	--	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--	
SB IH 39	1123SBR+00 TO 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--	
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD	--	--	--	--	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	--	--	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	--	--	--	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	--	--	--	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 109	--	--	--	--	--	--	
STAGE 5 SUBTOTALS			0	0	0	0	0	0	
UNDISTRIBUTED									
NB/SB IH 39		EAST MILWAUKEE ST TO STH 106	--	--	--	--	--	--	
PROJECT 1001-01-62 TOTALS			36,518	224,288	547	3,937	16,521	71,455	

*INCLUDES APPROXIMATELY 450 SY OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0400 ASPHALTIC SHOULDER RUMBLE STRIP LF	690.0150 SAWING ASPHALT LF	SPV.0090.03 FILL EXISTING RUMBLE STRIPS LF	SPV.0090.04 RESTORE EXISTING RUMBLE STRIPS LF	SPV.0090.05 **REMOVING HMA PAVEMENT TAPERED AND NOTCHED LONGITUDINAL JOINTS MILLING LF	SPV.0180.03 REMOVING RUMBLE STRIPS SY	COMMENTS
STAGE 1										
NB IH 39	628NBR+95 TO 640NBR+15	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
NB IH 39	641NBR+41 TO 661NBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
NB IH 39	808NBR+00 TO 877NBR+20	1350' NORTH OF KENNEDY RD TO TOWNLINE RD	--	--	--	--	--	--	769	
NB IH 39	878NBR+50 TO 938NBR+50	TOWNLINE RD TO 750' NORTH OF MANOGUE RD	--	--	--	--	--	--	667	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	--	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	--	--	--	--	--	--	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
NB IH 39	1123NBR+00 TO 1145NBR+65	2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	--	--	--	400	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	--	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	--	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	--	--	--	--	--	--	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	--	--	--	--	--	--	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	--	--	--	--	--	--	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	--	--	--	--	--	--	
SB IH 39	813SBR+00 TO 877SBR+36	KENNEDY RD CROSSOVER TO TOWNLINE RD	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
SB IH 39	877SBR+43 TO 973SBR+67	TOWNLINE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
SB IH 39	975SBR+02 TO 983SBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
SB IH 39	984SBR+55 TO 1059SBR+50	CTH M TO NEWVILLE RD	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
SB IH 39	1061SBR+00 TO 1092SBR+00	NEWVILLE RD TO CROSSOVER SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
SB IH 39	1123SBR+00 TO 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--	--	6' OUTSIDE SHOULDER
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD	--	--	--	330	--	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	99	--	--	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	226	--	--	--	
SB IH 39	135SBD+00 TO 258SBD+00	LAKE DRIVE RD TO 100' NORTH OF STH 106	--	--	--	1,010	--	--	--	
STAGE 1 SUBTOTALS			0	0	0	2,065	0	0	1,436	
STAGE 2A										
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD	--	--	--	--	--	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	--	--	--	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	--	--	--	--	
SB IH 39	135SBD+00 TO 259SBD+00	LAKE DRIVE RD TO 200' NORTH OF STH 106	--	--	--	--	--	--	--	
STAGE 2A SUBTOTALS			0	0	0	0	0	0	0	

**INCLUDES APPROXIMATELY 5000 LF OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0400 ASPHALTIC SHOULDER RUMBLE STRIP LF	690.0150 SAWING ASPHALT LF	SPV.0090.03 FILL EXISTING RUMBLE STRIPS LF	SPV.0090.04 RESTORE EXISTING RUMBLE STRIPS LF	SPV.0090.05 **REMOVING HMA PAVEMENT TAPERED AND NOTCHED LONGITUDINAL JOINTS MILLING LF	SPV.0180.03 REMOVING RUMBLE STRIPS SY	COMMENTS
STAGE 2B										
NB IH 39	628NBR+95 TO 640NBR+15	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	--	3' CENTERLINE
NB IH 39	641NBR+41 TO 661NBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	--	3' CENTERLINE
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	2	--	--	--	--	--	--	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	2	--	--	--	--	--	--	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	1	--	--	--	--	--	--	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	--	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	--	--	--	--	--	--	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
NB IH 39	1123NBR+00 TO 1145NBR+65	2300 FEET SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--	--	3' CENTERLINE
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	1	--	--	--	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	--	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	--	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	--	--	--	--	--	--	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	--	--	--	--	--	--	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	--	--	--	--	--	--	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	--	--	--	--	--	--	
SB IH 39	813SBR+00 TO 877SBR+36	KENNEDY RD CROSSOVER TO TOWNLINE RD	--	--	--	--	--	--	--	3' CENTERLINE
SB IH 39	877SBR+43 TO 973SBR+67	TOWNLINE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	--	3' CENTERLINE
SB IH 39	975SBR+02 TO 983SBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	--	3' CENTERLINE
SB IH 39	984SBR+55 TO 1059SBR+50	CTH M TO NEWVILLE RD	--	--	--	--	--	--	--	3' CENTERLINE
SB IH 39	1061SBR+00 TO 1092SBR+00	NEWVILLE RD TO CROSSOVER SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	3' CENTERLINE
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
SB IH 39	1123SBR+00 TO 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--	--	3' CENTERLINE
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	--	--	--	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	--	--	--	--	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	--	--	--	--	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 106	2	--	--	--	--	--	--	ASPHALT SURFACE PATCH QUANTITY IS FOR STA 1152SBR+61 - 258SBD+00
STAGE 2B SUBTOTALS			8	0	0	0	0	0	0	

**INCLUDES APPROXIMATELY 5000 LF OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0400 ASPHALTIC SHOULDER RUMBLE STRIP LF	690.0150 SAWING ASPHALT LF	SPV.0090.03 FILL EXISTING RUMBLE STRIPS LF	SPV.0090.04 RESTORE EXISTING RUMBLE STRIPS LF	SPV.0090.05 **REMOVING HMA PAVEMENT TAPERED AND NOTCHED LONGITUDINAL JOINTS MILLING LF	SPV.0180.03 REMOVING RUMBLE STRIPS SY	COMMENTS
STAGE 3B										
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	3	--	--	--	--	6,920	--	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	2	--	--	--	--	5,125	--	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	1	--	--	--	--	645	--	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	--	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	--	--	--	--	--	--	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	1	--	--	--	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	--	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	--	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	--	--	--	--	--	--	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	--	--	--	--	--	--	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	--	--	--	--	--	--	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	--	--	--	--	--	--	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	--	--	988	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	--	--	2,830	--	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	--	--	7,875	--	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 107	2	--	--	--	--	3,920	--	ASPHALT SURFACE PATCH QUANTITY IS FOR STA 1152SBR+61 - 258SBD+00
STAGE 3B SUBTOTALS			9	0	0	0	0	28,303	0	
STAGE 3C										
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	--	--	--	--	--	--	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	--	--	--	--	--	--	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	--	--	--	--	--	--	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	--	--	--	--	--	--	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	--	--	--	--	--	--	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	--	--	--	--	--	--	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	--	--	--	--	--	--	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	--	--	--	--	--	--	

**INCLUDES APPROXIMATELY 5000 LF OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0400 ASPHALTIC SHOULDER RUMBLE STRIP LF	690.0150 SAWING ASPHALT LF	SPV.0090.03 FILL EXISTING RUMBLE STRIPS LF	SPV.0090.04 RESTORE EXISTING RUMBLE STRIPS LF	SPV.0090.05 **REMOVING HMA PAVEMENT TAPERED AND NOTCHED LONGITUDINAL JOINTS MILLING LF	SPV.0180.03 REMOVING RUMBLE STRIPS SY	COMMENTS
STAGE 3C CONTINUED										
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	--	--	--	--	--	--	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	--	--	--	--	--	--	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	--	--	--	--	--	--	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	--	--	--	--	--	--	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	--	--	--	--	--	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	--	--	--	--	--	--	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	--	--	--	--	--	--	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 108	--	--	--	--	--	--	--	
STAGE 3C SUBTOTALS			0	0	0	0	0	0	0	
STAGE 4										
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	6,920	--	--	--	--	--	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	5,125	--	--	--	--	--	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	645	--	--	--	--	--	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	3,505	--	--	--	--	--	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	858	--	--	--	--	--	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	7,721	--	--	--	--	--	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	5,975	--	--	--	--	--	
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	--	5,799	--	--	--	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	1,149	--	--	--	--	--	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	1,959	--	--	--	--	--	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	3,925	--	--	--	--	--	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	3,780	--	--	--	--	--	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	1,713	--	--	--	--	--	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	3,100	--	--	--	--	--	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	1,790	--	--	--	--	--	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	3,100	--	--	--	--	--	
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD	--	5,439	--	--	--	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	988	--	--	--	--	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	2,830	--	--	--	--	--	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	7,875	--	--	--	--	--	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 109	--	3,920	--	--	--	--	--	
STAGE 4 SUBTOTALS			0	78,116	0	0	0	0	0	

**INCLUDES APPROXIMATELY 5000 LF OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

ASPHALT ITEMS (CONTINUED)

ROADWAY	STATION	LOCATION	465.0110 ASPHALTIC SURFACE PATCHING TON	465.0400 ASPHALTIC SHOULDER RUMBLE STRIP LF	690.0150 SAWING ASPHALT LF	SPV.0090.03 FILL EXISTING RUMBLE STRIPS LF	SPV.0090.04 RESTORE EXISTING RUMBLE STRIPS LF	SPV.0090.05 **REMOVING HMA PAVEMENT TAPERED AND NOTCHED LONGITUDINAL JOINTS MILLING LF	SPV.0180.03 REMOVING RUMBLE STRIPS SY	COMMENTS
STAGE 5										
NB IH 39	628NBR+95 TO 640NBR+15	EAST MILWAUKEE ST TO MT ZION RD	--	1,120	--	--	--	--	--	
NB IH 39	641NBR+41 TO 661NBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	1,959	--	--	--	--	--	
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	--	6,920	--	--	--	--	--	
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	--	5,125	--	--	--	--	--	
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	--	645	--	--	--	--	--	
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	--	3,505	--	--	--	--	--	
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	--	858	--	--	--	--	--	
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	--	7,721	--	--	--	--	--	
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	--	5,975	--	--	--	--	--	
NB IH 39	1153NBR+01 TO 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE RD	--	1,799	--	--	200	--	--	
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	--	1,149	--	--	--	--	--	
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	--	1,959	--	--	--	--	--	
SB IH 39	661SBR+00 TO 700BR+25	4000 FT SOUTH OF USH 14 TO USH 14	--	3,925	--	--	--	--	--	
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	--	3,780	--	--	--	--	--	
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	--	1,713	--	--	--	--	--	
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	--	3,100	--	--	--	--	--	
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	--	1,790	--	--	--	--	--	
SB IH 39	813SBR+00 TO 877SBR+36	KENNEDY RD CROSSOVER TO TOWNLINE RD	--	6,436	--	--	--	--	--	
SB IH 39	877SBR+43 TO 973SBR+67	TOWNLINE RD TO WSOR RR BRIDGE	--	9,624	--	--	--	--	--	
SB IH 39	975SBR+02 TO 983SBR+48	WSOR RR BRIDGE TO CTH M	--	846	--	--	--	--	--	
SB IH 39	984SBR+55 TO 1059SBR+50	CTH M TO NEWVILLE RD	--	7,495	--	--	--	--	--	
SB IH 39	1061SBR+00 TO 1092SBR+00	NEWVILLE RD TO CROSSOVER SOUTH OF ROCK RIVER	--	3,100	--	--	--	--	--	
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	3,100	--	--	--	--	--	
SB IH 39	1123SBR+00 TO 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	2,177	--	--	--	--	--	
SB IH 39	1152SBR+61 TO 1207SBR+00	ROCK RIVER TO GOEDE RD	--	2,139	--	--	165	--	--	
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	--	988	--	--	--	--	--	
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	--	2,830	--	--	--	--	--	
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	--	7,875	--	--	--	--	--	
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 109	--	3,920	--	--	--	--	--	
STAGE 5 SUBTOTALS			0	103,573	0	0	365	0	0	
UNDISTRIBUTED										
NB/SB IH 39		EAST MILWAUKEE ST TO STH 106	5	--	310	--	--		--	
PROJECT 1001-01-62 TOTALS			22	181,688	310	2,065	365	28,303	1,436	

**INCLUDES APPROXIMATELY 5000 LF OF MILLING CONCRETE FROM CONCRETE REPAIR/REPLACEMENT

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

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ADJUSTING STEEL PLATE BEAM GUARD

ROADWAY	STATION FROM	STATION TO	LOCATION	614.0400 ADJUSTING STEEL PLATE BEAM GUARD LF	614.0950 REPLACING GUARDRAIL POSTS AND BLOCKS EACH	614.0951 REPLACING GUARDRAIL RAIL AND HARDWARE LF	COMMENTS
STAGE 1							
NB IH 39	928NBR+65	930NBR+25	RT	160	--	--	
SB IH 39	133SBD+90	135SBD+40	LT	150	--	--	150' FROM EAT TERMINAL TO SOUTH
SB IH 39	155SBD+17	158SBD+60	RT	343	--	--	
STAGE 1 SUBTOTALS				653	--	--	
UNDISTRIBUTED							
IH 39				--	10	65	
PROJECT 1001-01-62 TOTALS				653	10	65	

INLET PROTECTION

ROADWAY	STATION	LOCATION	628.7015 INLET PROTECTION TYPE C EACH	SPV.0060.01 SECURING STRUCTURE COVERS EACH
STAGE 1				
NB IH 39	641NBR+32	RT	1	1
NB IH 39	878NBR+38	LT/RT	2	2
NB IH 39	974NBR+88	RT	1	1
NB IH 39	1063NBR+51	RT	1	1
SB IH 39	740SBR+45	LT	1	--
SB IH 39	742SBR+61	LT	1	--
SB IH 39	878SBR+44	LT/RT	2	2
STAGE 1 SUBTOTALS			9	7
UNDISTRIBUTED				
			5	5
PROJECT 1001-01-62 TOTALS			14	12

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

TRAFFIC CONTROL ITEMS

	DURATION PROBABLE CALENDAR DAYS	DURATION PROBABLE WORKING NIGHTS	STATION	634.0616 POSTS WOOD 4X6-INCH X 16-FT EACH	643.0300 TRAFFIC CONTROL DRUMS DAY	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAY	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY	643.0715 TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY	643.0800 TRAFFIC CONTROL ARROW BOARDS DAY	643.0900 TRAFFIC CONTROL SIGNS *EACH	643.0900 TRAFFIC CONTROL SIGNS DAY	643.0920 TRAFFIC CONTROL COVERING SIGNS TYPE II EACH	643.1000 TRAFFIC CONTROL SIGNS FIXED MESSAGE SF	643.1050 TRAFFIC CONTROL SIGNS PCMS DAY	SPV.0045.01 PCMS REMOTE COMMUNICATIONS DAY
CONTRACT 1001-01-62															
SPEED LIMIT SIGNING	145	--	782NBR+30 / RT	--	--	--	--	--	--	1	145	--	--	--	--
SPEED LIMIT SIGNING	145	--	1198NBR+67 / RT	--	--	--	--	--	--	1	145	--	--	--	--
SPEED LIMIT SIGNING	145	--	236NBD+58 / RT	--	--	--	--	--	--	1	145	--	--	--	--
SPEED LIMIT SIGNING	145	--	671SBR+73 / LT	--	--	--	--	--	--	1	145	--	--	--	--
SPEED LIMIT SIGNING	145	--	1126SBR+68 / LT	--	--	--	--	--	--	1	145	--	--	--	--
OSOW ROUTE SIGNING	145	--	N/A	4	--	--	--	--	--	--	--	--	81	--	--
RAMP CLOSURES	--	--	N/A	--	1,600	320	640	--	--	2	160	80	--	--	--
CONTRACT 1001-01-62 SUBTOTALS				4	1,600	320	640	0	0		885	80	81	0	0
NORTHBOUND															
PRE-WARNING	7	--	N/A	--	350	--	--	--	--	--	--	--	--	35	7
STAGE 1	29	15	N/A	--	13,450	180	360	600	45	20	700	90	--	145	29
STAGE 2A	24	16	N/A	--	14,000	192	384	640	48	20	608	96	--	120	24
STAGE 2B	25	12	N/A	--	10,850	144	288	480	36	20	596	72	--	125	25
STAGE 3A	35	19	N/A	--	16,950	228	456	760	57	20	852	114	--	175	35
STAGE 3B	13	7	N/A	--	6,250	84	168	280	21	20	316	42	--	65	13
STAGE 3C	8	4	N/A	--	3,600	48	96	160	12	20	192	24	--	40	8
STAGE 4	8	4	N/A	--	3,600	48	96	160	12	20	192	24	--	40	8
STAGE 5	3	2	N/A	--	1,750	24	48	80	6	--	76	12	--	15	3
NORTHBOUND SUBTOTALS	**145**	**79**		0	70,896	948	1,896	3,160	237		3,532	474	0	760	152
SOUTHBOUND															
PRE-WARNING	7	--	N/A	--	350	--	--	--	--	--	--	--	--	35	7
STAGE 1	29	15	N/A	--	12,000	180	360	600	45	20	700	60	--	145	29
STAGE 2A	24	16	N/A	--	12,800	192	384	640	48	20	608	64	--	120	24
STAGE 2B	25	12	N/A	--	9,600	144	288	480	36	20	596	48	--	125	25
STAGE 3A	35	19	N/A	--	15,200	228	456	760	57	20	852	76	--	175	35
STAGE 3B	13	7	N/A	--	5,600	84	168	280	21	20	316	28	--	65	13
STAGE 3C	8	4	N/A	--	3,200	48	96	160	12	20	192	16	--	40	8
STAGE 4	8	4	N/A	--	3,200	48	96	160	12	20	192	16	--	40	8
STAGE 5	3	2	N/A	--	1,600	24	48	80	6	--	76	8	--	15	3
SOUTHBOUND SUBTOTALS	**145**	**79**		0	63,550	948	1,896	3,160	237		3,532	316	0	760	152
UNDISTRIBUTED				0	6,802	111	222	316	24		397	44	0	76	15
PROJECT 1001-01-62 TOTALS				4	142,848	2,327	4,654	6,636	498		8,346	914	81	1,596	319

*FOR INFORMATIONAL PURPOSES ONLY

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

PAVEMENT MARKINGS

ROADWAY	STATION	LOCATION	646.0106 PAVEMENT MARKING EPOXY 4-INCH SOLID (YELLOW) LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH 12.5 FT SKIP (WHITE) LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH SOLID (WHITE) LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH 3' SKIP (WHITE) LF	646.0126 PAVEMENT MARKING EPOXY 8-INCH SOLID (WHITE) LF	646.0600 REMOVING PAVEMENT MARKINGS LF
STAGE 1								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	--	--	--	--
IH 39 NB	938NBR+50 - 1145NBR+65	750' NORTH OF MANOGUE ROAD TO ROCK RIVER	--	--	--	--	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	--	--	--	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1152SBR+61 - 258SBD+00	ROCK RIVER TO STH 106	--	--	--	--	--	--
STAGE 1 SUBTOTALS			0	0	0	0	0	0
STAGE 2A								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	--	--	--	--
IH 39 NB	938NBR+50 - 1145NBR+65	750' NORTH OF MANOGUE ROAD TO ROCK RIVER	--	--	--	--	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	--	--	--	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1152SBR+61 - 258SBD+00	ROCK RIVER TO STH 106	--	--	--	--	--	--
STAGE 2A SUBTOTALS			0	0	0	0	0	0
STAGE 2B								
IH 39 NB	628NBR+80 - 661NBR+00	E. MILWAUKEE ST. TO 4000' SOUTH OF USH 14	--	804	--	--	--	--
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	--	--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 NB	1123NBR+00 - 1145NBR+65	2300' SOUTH OF THE ROCK RIVER TO ROCK RIVER	--	564	--	--	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	5,800	--	--	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	--	--	--	--
IH 39 SB	813SBR+00 - 1092SBR+00	1900' NORTH OF KENNEDY RD. TO 5400' SOUTH OF ROCK RIVER	--	6,973	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1123SBR+00 - 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	545	--	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	--	--	--	--	--
STAGE 2B SUBTOTALS			5,800	8,886	0	0	0	0
STAGE 3A								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	--	--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	--	580	1,582	67	243	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1152SBR+61 - 1207SBR+00	ROCK RIVER TO GOEDE ROAD	--	681	1,866	62	296	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	--	--	--	--	--
STAGE 3A SUBTOTALS			0	1,261	3,448	129	539	0

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

PAVEMENT MARKINGS (CONTINUED)

ROADWAY	STATION	LOCATION	646.0106 PAVEMENT MARKING EPOXY 4-INCH SOLID (YELLOW) LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH 12.5 FT SKIP (WHITE) LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH SOLID (WHITE) LF	646.0106 PAVEMENT MARKING EPOXY 4-INCH 3' SKIP (WHITE) LF	646.0126 PAVEMENT MARKING EPOXY 8-INCH SOLID (WHITE) LF	646.0600 REMOVING PAVEMENT MARKINGS LF
STAGE 3B								
IH 39 NB	628NBR+80 - 661NBR+00	E. MILWAUKEE ST. TO 4000' SOUTH OF USH 14	--	--	3,215	--	--	--
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--		--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--		--	--	--
IH 39 NB	1123NBR+00 - 1145NBR+65	2300' SOUTH OF THE ROCK RIVER TO ROCK RIVER	--	--	2,254	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--		--	--	--
IH 39 SB	813SBR+00 - 1092SBR+00	1900' NORTH OF KENNEDY RD. TO 5400' SOUTH OF ROCK RIVER	--	--	26,256	51	1,010	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--		--	--	--
IH 39 SB	1123SBR+00 - 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	2,180	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	--		--	--	--
STAGE 3B SUBTOTALS			0	0	33,905	51	1,010	0
STAGE 3C								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	13,048	--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--	18,453	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	14,212	458	1,531	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	3,108	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	--	14,864	143	531	--
STAGE 3C SUBTOTALS			0	0	63,685	601	2,062	0
STAGE 4								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	13,048	3,262	--	--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	18,453	4,613	--	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	18,450	4,613	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	3,108	777	--	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	16,643	4,161	--	--	--	--
STAGE 4 SUBTOTALS			69,702	17,426	0	0	0	0
UNDISTRIBUTED								
IH 39 NB/SB			1,888	689	2,526	20	90	300
PROJECT 1001-01-62 TOTALS			77,390	28,261	103,564	801	3,702	300
PROJECT 1001-01-62 BID ITEM TOTALS					210,017		3,702	300

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

FILE NAME : I:\56199\t1\cds\030201_mq.ppt PLOT DATE: 1/29/2014 2:20 PM PLOT BY :nbennett PLOT NAME : 030201_mq_23.ppt PLOT SCALE : 1 :1

PAVEMENT MARKINGS (CONTINUED)

ROADWAY	STATION	LOCATION	647.0746 PAVEMENT MARKING DIAGONAL EPOXY 24-INCH SOLID (WHITE) LF	649.0200 TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH SOLID (YELLOW) LF	12.5 FT SKIP (WHITE) LF	SOLID (WHITE) LF	3' SKIP (WHITE) LF	649.0701 TEMPORARY PAVEMENT MARKING 8-INCH SOLID (WHITE) LF
STAGE 1								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	--	--	--	--
IH 39 NB	938NBR+50 - 1145NBR+65	750' NORTH OF MANOGUE ROAD TO ROCK RIVER	--	--	--	50	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	118	--	--	3,956	167	607
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	--	50	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1152SBR+61 - 258SBD+00	ROCK RIVER TO STH 106	136	--	--	18,594	267	1,124
STAGE 1 SUBTOTALS			255	0	0	22,650	434	1,731
STAGE 2A								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	3,915	979	--	--	--
IH 39 NB	938NBR+50 - 1145NBR+65	750' NORTH OF MANOGUE ROAD TO ROCK RIVER	--	50	13	--	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	--	1,160	290	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	20	5	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	40	10	--	--	--
IH 39 SB	1152SBR+61 - 258SBD+00	ROCK RIVER TO STH 106	--	6,623	1,656	--	--	--
STAGE 2A SUBTOTALS			0	11,808	2,952	0	0	0
STAGE 2B								
IH 39 NB	628NBR+80 - 661NBR+00	E. MILWAUKEE ST. TO 4000' SOUTH OF USH 14	--	--	--	--	--	--
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	13,048	3,262	--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	18,453	4,613	--	--	--
IH 39 NB	1123NBR+00 - 1145NBR+65	2300' SOUTH OF THE ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	--	--	--	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	18,450	4,613	--	--	--
IH 39 SB	813SBR+00 - 1092SBR+00	1900' NORTH OF KENNEDY RD. TO 5400' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	3,108	777	--	--	--
IH 39 SB	1123SBR+00 - 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	16,643	4,161	--	--	--
STAGE 2B SUBTOTALS			0	69,702	17,425	0	0	0
STAGE 3A								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	1,305	5,219	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--	38	150	--	--
IH 39 NB	1153NBR+01 - 1211NBR+00	ROCK RIVER TO 700' NORTH OF GOEDE ROAD	--	--	--	--	--	
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	19	75	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	5	20	--	--
IH 39 SB	1152SBR+61 - 1207SBR+00	ROCK RIVER TO GOEDE ROAD	--	--	--	--	--	
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	--	2,080	7,432	71	265
STAGE 3A SUBTOTALS			0	0	3,446	12,896	71	265

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

STATE PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

FILE NAME : I:\56199\t1\cds\030201_mq.ppt PLOT DATE: 1/29/2014 2:20 PM PLOT BY :nbennett PLOT NAME : 030201_mq_24.ppt PLOT SCALE : 1 :1

PAVEMENT MARKINGS (CONTINUED)

ROADWAY	STATION	LOCATION	647.0746 PAVEMENT MARKING DIAGONAL EPOXY 24-INCH SOLID (WHITE) LF	649.0200 TEMPORARY PAVEMENT MARKING REFLECTIVE PAINT 4-INCH SOLID (YELLOW) LF	12.5 FT SKIP (WHITE) LF	SOLID (WHITE) LF	3' SKIP (WHITE) LF	649.0701 TEMPORARY PAVEMENT MARKING 8-INCH SOLID (WHITE) LF
STAGE 3B								
IH 39 NB	628NBR+80 - 661NBR+00	E. MILWAUKEE ST. TO 4000' SOUTH OF USH 14	--	--	--	--	--	--
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	3,262	13,048	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--	4,613	18,453	--	--
IH 39 NB	1123NBR+00 - 1145NBR+65	2300' SOUTH OF THE ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	592	--	4,613	14,212	458	1,531
IH 39 SB	813SBR+00 - 1092SBR+00	1900' NORTH OF KENNEDY RD. TO 5400' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	777	3,108	--	--
IH 39 SB	1123SBR+00 - 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	--	4,161	14,864	143	531
STAGE 3B SUBTOTALS			592	0	17,426	63,685	601	2,062
STAGE 3C								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	3,262	--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--	4,613	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	4,613	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	777	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	115	--	4,161	--	--	--
STAGE 3C SUBTOTALS			115	0	17,426	0	0	0
STAGE 4								
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	--	--	--	--	--
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	--	--	--	--	--
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	--	--	--	--	--
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	--	--	--	--	--
STAGE 4 SUBTOTALS			0	0	0	0	0	0
UNDISTRIBUTED								
IH 39 NB/SB			--	2,038	1,467	2,481	28	101
PROJECT 1001-01-62 TOTALS			962	83,548	60,142	101,712	1,134	4,159
PROJECT 1001-01-62 BID ITEM TOTALS			962			246,536		4,159

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

CONTINUED ON NEXT SHEET

PAVEMENT MARKINGS (CONTINUED)

ROADWAY	STATION	LOCATION	649.1500 TEMPORARY PAVEMENT MARKING DIAGONAL 12-INCH SOLID (WHITE) LF	COMMENTS
STAGE 3B				
IH 39 NB	628NBR+80 - 661NBR+00	E. MILWAUKEE ST. TO 4000' SOUTH OF USH 14	--	
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	
IH 39 NB	1123NBR+00 - 1145NBR+65	2300' SOUTH OF THE ROCK RIVER TO ROCK RIVER	--	
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	
IH 39 SB	813SBR+00 - 1092SBR+00	1900' NORTH OF KENNEDY RD. TO 5400' SOUTH OF ROCK RIVER	--	
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	
IH 39 SB	1123SBR+00 - 1144SBR+77	2300' SOUTH OF ROCK RIVER TO ROCK RIVER	--	
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	
STAGE 3B SUBTOTALS			0	
STAGE 3C				
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	1,184	TEMPORARY 12" DIAGONAL PLACED SIDE BY SIDE TO ACCOUNT FOR 24" DIAGONAL
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	231	TEMPORARY 12" DIAGONAL PLACED SIDE BY SIDE TO ACCOUNT FOR 24" DIAGONAL
STAGE 3C SUBTOTALS			1,415	
STAGE 4				
IH 39 NB	808NBR+00 - 938NBR+50	1350' NORTH OF KENNEDY ROAD TO 750' NORTH OF MANOGUE ROAD	--	
IH 39 NB	938NBR+50 - 1123NBR+00	750' NORTH OF MANOGUE ROAD TO 2300' SOUTH OF ROCK RIVER	--	
IH 39 SB	628SBR+60 - 813SBR+00	E. MILWAUKEE ST. TO 1900' NORTH OF KENNEDY ROAD	--	
IH 39 SB	1092SBR+00 - 1123SBR+00	5400' SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	--	
IH 39 SB	1207SBR+00 - 258SBD+00	GOEDE ROAD TO STH 106	--	
STAGE 4 SUBTOTALS			0	
UNDISTRIBUTED				
IH 39 NB/SB			--	
PROJECT 1001-01-62 TOTALS			1,415	
PROJECT 1001-01-62 BID ITEM TOTALS			1,415	

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

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CONSTRUCTION STAKING RESURFACING REFERENCE

ROADWAY	STATION	LOCATION	650.8000 CONSTRUCTION STAKING RESURFACING REFERENCE LF
STAGE 1			
NB IH 39	808NBR+00 TO 877NBR+20	KENNEDY RD TO TOWNLINE RD	6,920
NB IH 39	878NBR+50 TO 929NBR+75	TOWNLINE ROAD TO 100' SOUTH OF MANOGUE RD	5,125
NB IH 39	932NBR+05 TO 938NBR+50	100' NORTH OF MANOGUE RD TO 750' NORTH OF MANOGUE RD	645
NB IH 39	938NBR+50 TO 973NBR+55	750' NORTH OF MANOGUE RD TO WSOR RR BRIDGE	3,505
NB IH 39	974NBR+90 TO 983NBR+48	WSOR RR BRIDGE TO CTH M	858
NB IH 39	984NBR+55 TO 1061NBR+76	CTH M TO NEWVILLE RD	7,721
NB IH 39	1063NBR+25 TO 1123NBR+00	NEWVILLE RD TO 2300 FEET SOUTH OF ROCK RIVER	5,975
SB IH 39	628SBR+80 TO 640SBR+29	EAST MILWAUKEE ST TO MT ZION RD	1,149
SB IH 39	641SBR+41 TO 661SBR+00	MT ZION RD TO 4000 FT SOUTH OF USH 14	1,959
SB IH 39	661SBR+00 TO 700SBR+25	4000 FT SOUTH OF USH 14 TO USH 14	3,925
SB IH 39	702SBR+80 TO 740SBR+60	USH 14 TO STH 26	3,780
SB IH 39	742SBR+65 TO 759SBR+78	STH 26 TO WSOR RR BRIDGE	1,713
SB IH 39	761SBR+10 TO 792SBR+10	WSOR RR BRIDGE TO KENNEDY RD	3,100
SB IH 39	795SBR+10 TO 813SBR+00	KENNEDY RD TO KENNEDY RD CROSSOVER	1,790
SB IH 39	1092SBR+00 TO 1123SBR+00	CROSSOVER SOUTH OF ROCK RIVER TO 2300' SOUTH OF ROCK RIVER	3,100
SB IH 39	1207SBR+00 TO 1216SBR+88	GOEDE RD TO COUNTY LINE	988
SB IH 39	101SBD+40.50 TO 129SBD+70	COUNTY LINE TO LAKE DRIVE RD	2,830
SB IH 39	135SBD+00 TO 213SBD+75	LAKE DRIVE RD TO 100' SOUTH OF STH 73	7,875
SB IH 39	216SBD+25 TO 255SBD+45	100' NORTH OF STH 73 TO 100' SOUTH OF STH 106	3,920
STAGE 1 SUBTOTALS			66,878
PROJECT 1001-01-62 TOTALS			66,878

ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

STATE PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	MISCELLANEOUS QUANTITIES	SHEET NO:	E

FILE NAME : I:\56199\t1\cds\030201_mq.ppt PLOT DATE: 12/2/2013 12:40 PM PLOT BY :nbennett PLOT NAME : 030201_mq_27.ppt PLOT SCALE : 1 :1

ROUT AND SEAL JOINT

ROADWAY	STATION	LOCATION	SPV.0090.01 ROUT AND SEAL JOINT LF
STAGE 3C			
NB IH 39	973NBR+33	B-53-77 SOUTH APPROACH JOINT	22
NB IH 39	973NBR+55	B-53-77 SOUTH ABUTMENT JOINT	24
NB IH 39	974NBR+89	B-53-77 NORTH ABUTMENT JOINT	23
NB IH 39	975NBR+08	B-53-77 NORTH APPROACH JOINT	21
NB IH 39	983NBR+28	B-53-75 SOUTH APPROACH JOINT	23
NB IH 39	983NBR+48	B-53-75 SOUTH ABUTMENT JOINT	22
NB IH 39	984NBR+56	B-53-75 NORTH ABUTMENT JOINT	22
NB IH 39	984NBR+88	B-53-75 NORTH APPROACH JOINT	21
NB IH 39	1061NBR+65	B-53-73 SOUTH APPROACH JOIINT	33
NB IH 39	1061NBR+76	B-53-73 SOUTH ABUTMENT JOIINT	33
NB IH 39	1063NBR+29	B-53-73 NORTH ABUTMENT JOINT	33
NB IH 39	1063NBR+40	B-53-73 NORTH APPROACH JOINT	33
SB IH 39	628SBR+80	B-53-214 NORTH APPROACH JOINT	25
SB IH 39	640SBR+07	B-53-59 SOUTH APPROACH JOINT	24
SB IH 39	640SBR+29	B-53-59 SOUTH ABUTMENT JOINT	24
SB IH 39	641SBR+41	B-53-59 NORTH ABUTMENT JOINT	24
SB IH 39	641SBR+62	B-53-59 NORTH APPROACH JOINT	23
SB IH 39	699SBR+96	B-53-65 SOUTH APPROACH JOINT	45
SB IH 39	700SBR+29	B-53-65 SOUTH ABUTMENT JOINT	46
SB IH 39	702SBR+81	B-53-65 NORTH ABUTMENT JOINT	31
SB IH 39	703SBR+09	B-53-65 NORTH APPOROACH JOINT	24
SB IH 39	740SBR+37	B-53-85 SOUTH APPROACH JOINT	26
SB IH 39	740SBR+60	B-53-85 SOUTH ABUTMENT JOINT	28
SB IH 39	742SBR+68	B-53-85 NORTH ABUTMENT JOINT	34
SB IH 39	742SBR+97	B-53-85 NORTH APPROACH JOINT	34
SB IH 39	759SBR+55	B-53-83 SOUTH APPROACH JOINT	24
SB IH 39	759SBR+76	B-53-83 SOUTH ABUTMENT JOINT	25
SB IH 39	761SBR+11	B-53-83 NORTH ABUTMENT JOINT	25
SB IH 39	761SBR+34	B-53-83 NORTH APPROACH JOINT	24
SB IH 39	791SBR+80	B-53-81 SOUTH APPROACH JOINT	23
SB IH 39	792SBR+13	B-53-81 SOUTH ABUTMENT JOINT	34
SB IH 39	795SBR+09	B-53-81 NORTH ABUTMENT JOINT	35
SB IH 39	795SBR+49	B-53-81 NORTH APPROACH JOINT	22
STAGE 3C SUBTOTALS			910

ROADWAY	STATION	LOCATION	SPV.0090.01 ROUT AND SEAL JOINT LF
STAGE 4			
NB IH 39	973NBR+33	B-53-77 SOUTH APPROACH JOINT	21
NB IH 39	973NBR+55	B-53-77 SOUTH ABUTMENT JOINT	21
NB IH 39	974NBR+89	B-53-77 NORTH ABUTMENT JOINT	21
NB IH 39	975NBR+08	B-53-77 NORTH APPROACH JOINT	18
NB IH 39	983NBR+28	B-53-75 SOUTH APPROACH JOINT	21
NB IH 39	983NBR+48	B-53-75 SOUTH ABUTMENT JOINT	21
NB IH 39	984NBR+56	B-53-75 NORTH ABUTMENT JOINT	21
NB IH 39	984NBR+88	B-53-75 NORTH APPROACH JOINT	17
NB IH 39	1061NBR+65	B-53-73 SOUTH APPROACH JOIINT	26
NB IH 39	1061NBR+76	B-53-73 SOUTH ABUTMENT JOIINT	26
NB IH 39	1063NBR+29	B-53-73 NORTH ABUTMENT JOINT	27
NB IH 39	1063NBR+40	B-53-73 NORTH APPROACH JOINT	26
SB IH 39	628SBR+80	B-53-214 NORTH APPROACH JOINT	38
SB IH 39	640SBR+07	B-53-59 SOUTH APPROACH JOINT	34
SB IH 39	640SBR+29	B-53-59 SOUTH ABUTMENT JOINT	40
SB IH 39	641SBR+41	B-53-59 NORTH ABUTMENT JOINT	40
SB IH 39	641SBR+62	B-53-59 NORTH APPROACH JOINT	34
SB IH 39	699SBR+96	B-53-65 SOUTH APPROACH JOINT	14
SB IH 39	700SBR+29	B-53-65 SOUTH ABUTMENT JOINT	16
SB IH 39	702SBR+81	B-53-65 NORTH ABUTMENT JOINT	16
SB IH 39	703SBR+09	B-53-65 NORTH APPOROACH JOINT	14
SB IH 39	740SBR+37	B-53-85 SOUTH APPROACH JOINT	15
SB IH 39	740SBR+60	B-53-85 SOUTH ABUTMENT JOINT	17
SB IH 39	742SBR+68	B-53-85 NORTH ABUTMENT JOINT	17
SB IH 39	742SBR+97	B-53-85 NORTH APPROACH JOINT	16
SB IH 39	759SBR+55	B-53-83 SOUTH APPROACH JOINT	42
SB IH 39	759SBR+76	B-53-83 SOUTH ABUTMENT JOINT	42
SB IH 39	761SBR+11	B-53-83 NORTH ABUTMENT JOINT	41
SB IH 39	761SBR+34	B-53-83 NORTH APPROACH JOINT	41
SB IH 39	791SBR+80	B-53-81 SOUTH APPROACH JOINT	27
SB IH 39	792SBR+13	B-53-81 SOUTH ABUTMENT JOINT	63
SB IH 39	795SBR+09	B-53-81 NORTH ABUTMENT JOINT	66
SB IH 39	795SBR+49	B-53-81 NORTH APPROACH JOINT	41
STAGE 4 SUBTOTALS			940
PROJECT 1001-01-62 TOTALS			1,850

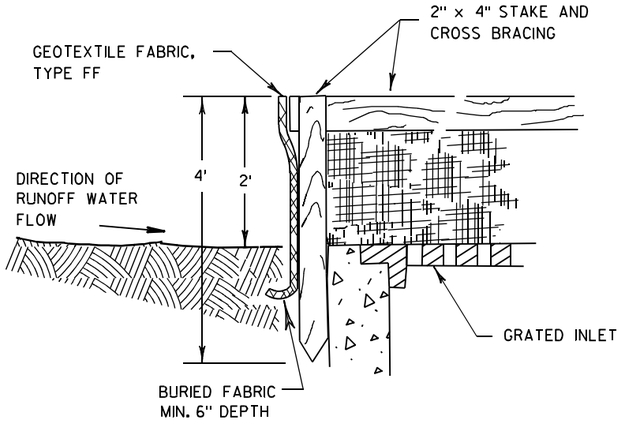
ALL ITEMS ARE CATEGORY **0010** UNLESS OTHERWISE SPECIFIED

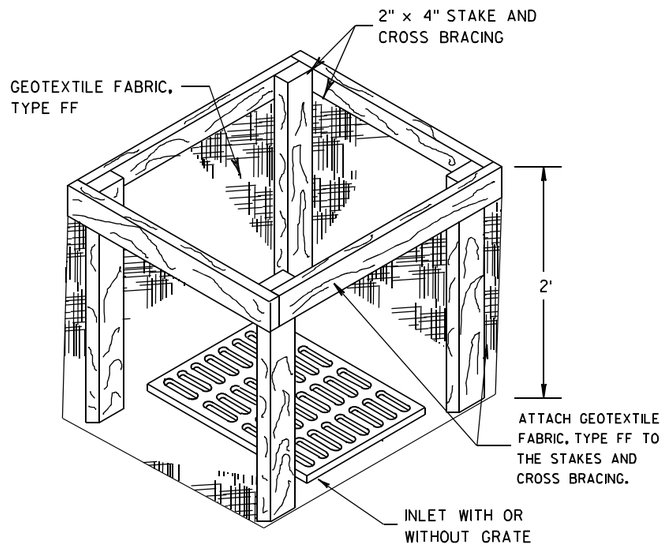
STATE PROJECT NO: 1001-01-62	HWY: IH 39	COUNTY: ROCK/DANE	MISCELLANEOUS QUANTITIES	SHEET NO: E

FILE NAME : I:\56199\t1\cds\030201_mq.ppt PLOT DATE: 12/2/2013 12:40 PM PLOT BY :nbennett PLOT NAME : 030201_mq_28.ppt PLOT SCALE : 1 :1

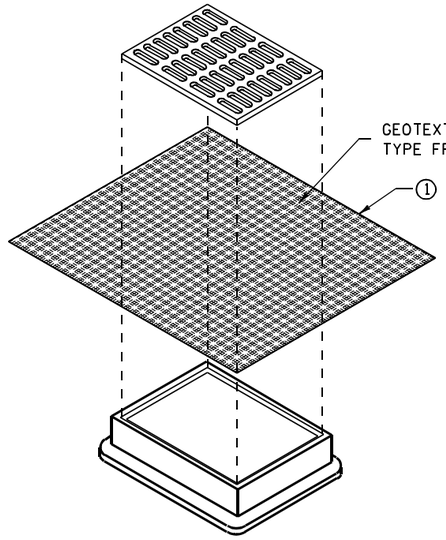
Standard Detail Drawing List

08E10-02	INLET PROTECTION TYPE A, B, C AND D
13A05-05A	SHOULDER RUMBLE STRIP, MILLING
13A05-05B	SHOULDER RUMBLE STRIP, MILLING
13A07-02	CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13B02-06	CONCRETE PAVEMENT APPROACH SLAB
13C09-10A	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-10B	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
13C09-10C	CONCRETE PAVEMENT REPAIR AND REPLACEMENT
14B15-07A	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-07B	STEEL PLATE BEAM GUARD, CLASS "A" INSTALLATION & ELEMENTS
14B15-07C	STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS
14B42-02A	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-02B	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
14B42-02C	MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C10-10	PAVEMENT MARKINGS FOR DROP LANES FREEWAY/EXPRESSWAY
15C31-01A	PAVEMENT MARKING (RAMPS AND GORES)
15C31-01B	LANE DROP PAVEMENT MARKING
15C31-01D	PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP
15D12-03	TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H.
15D15-01	TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE
15D16-02	TRAFFIC CONTROL, EXIT RAMP CLOSURE
15D27-02	TRAFFIC CONTROL, SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH



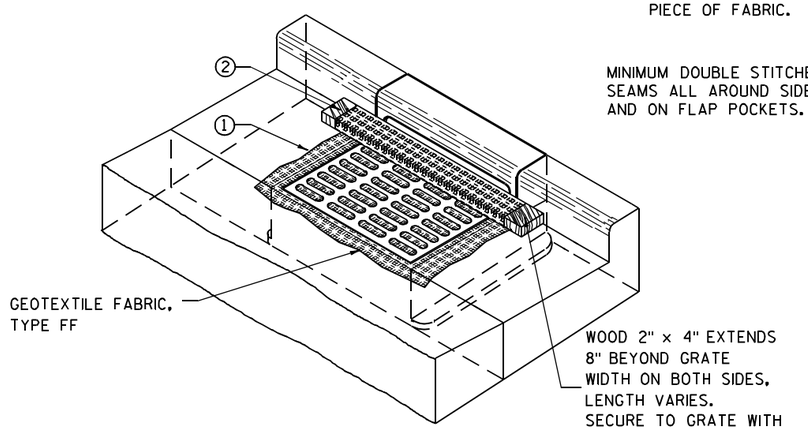


INLET PROTECTION, TYPE A

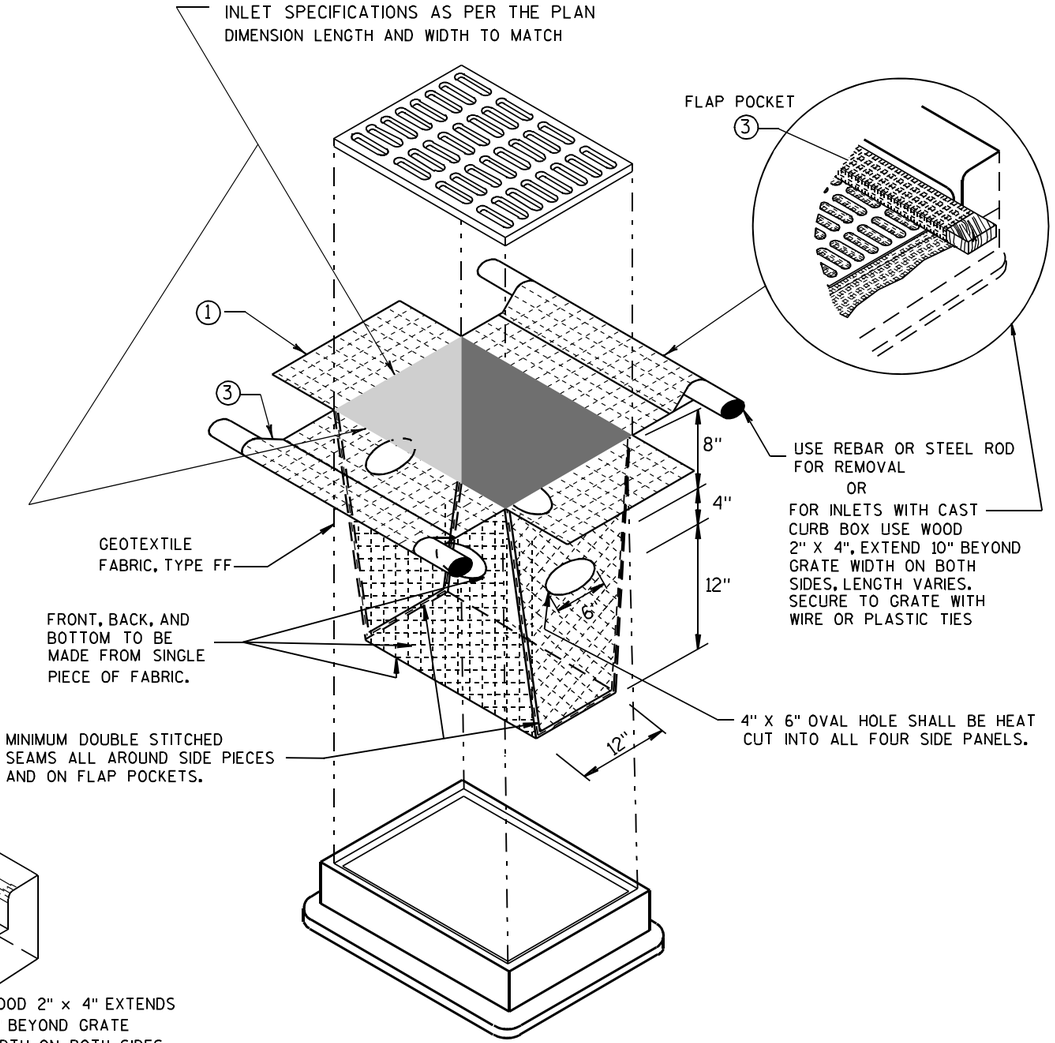


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C (WITH CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)

GENERAL NOTES

INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.

② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.

③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.

INSTALLATION NOTES

TYPE B & C

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE D

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION
TYPE A, B, C, AND D

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

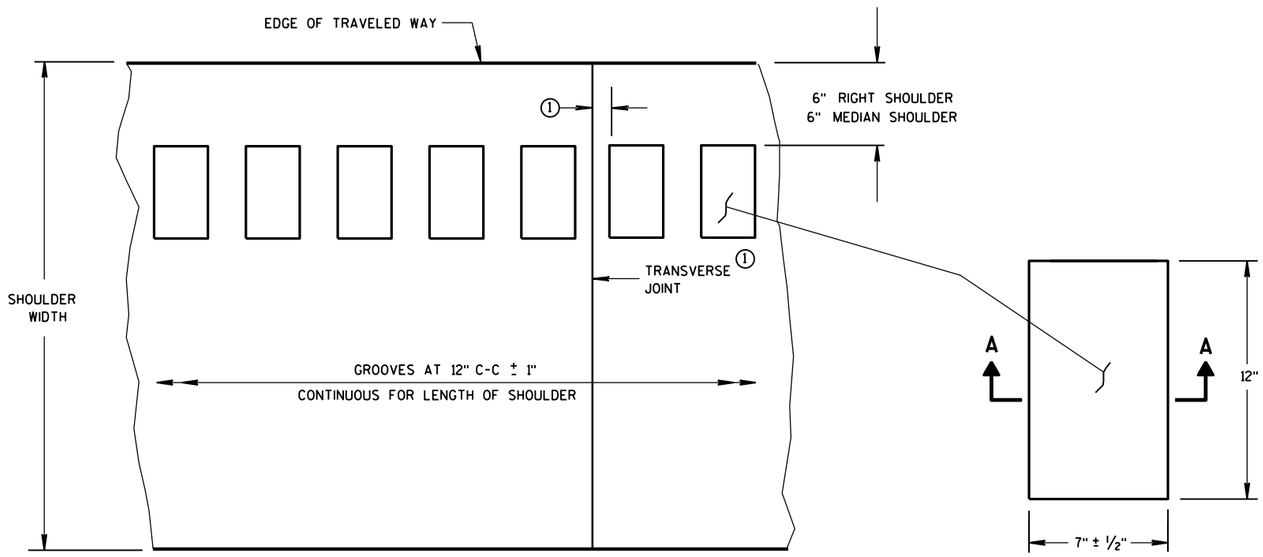
APPROVED

10/16/02
DATE

/S/ Beth Cannestra
CHIEF ROADWAY DEVELOPMENT ENGINEER

FHWA

6
S.D.D. 8 E 10-2



PLAN VIEW
SHOULDER WITH GROOVES

PLAN VIEW
(SINGLE GROOVE)

PLACEMENT DETAIL FOR MILLED RUMBLE STRIP

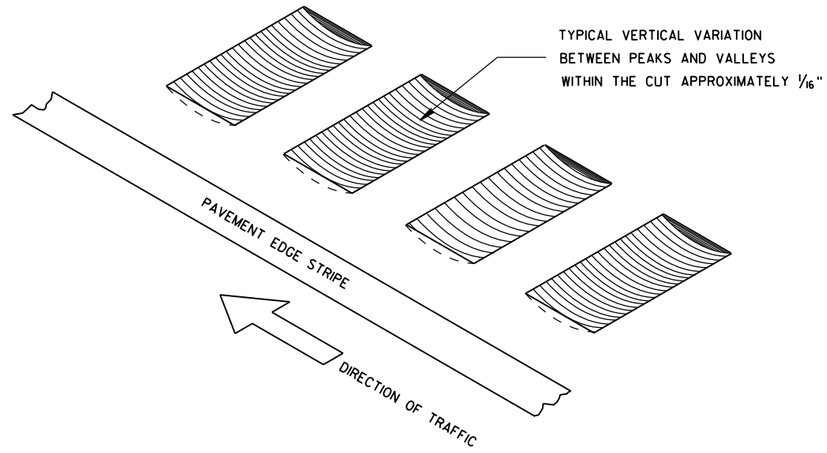
GENERAL NOTES

DETAILS OF CONSTRUCTION SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

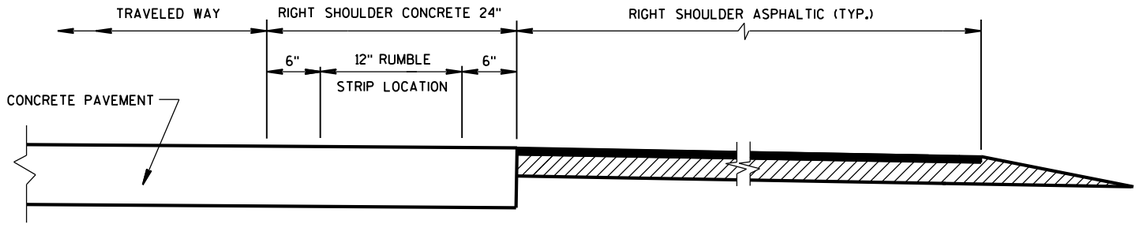
RUMBLE STRIPS ON EXPRESSWAYS

DO NOT INSTALL RUMBLE STRIPS ACROSS SIDE ROAD INTERSECTIONS, COMMERCIAL DRIVEWAYS, PRIVATE DRIVEWAYS OR ADJACENT TO RIGHT TURN LANES, LEFT TURN LANES, TURN LANE TAPERS, BRIDGE DECKS, BRIDGE APPROACHES, OR 100 FEET IN ADVANCE OF RAILROAD CROSSING. THE ATTACHED STANDARD DETAIL DRAWING SHOWS THE LOCATION OF THE RUMBLE STRIPS AT INTERCHANGE AREAS.

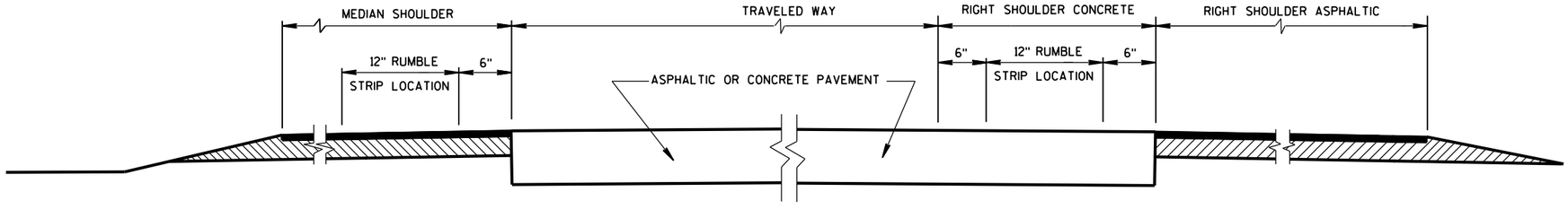
(1) CONCRETE PAVEMENT - RUMBLE STRIPS SHALL BE A MINIMUM OF 6" AWAY FROM TRANSVERSE JOINTS.



ISOMETRIC



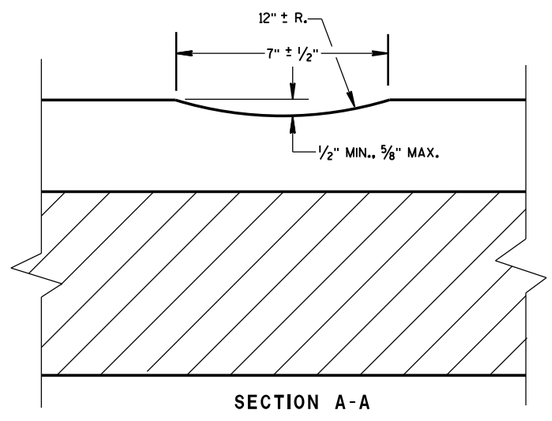
SECTION VIEW
CONCRETE PAVEMENT EXTENDS INTO RIGHT SHOULDER)



SECTION VIEW

TYPICAL LOCATIONS OF SHOULDER RUMBLE STRIPS IN RURAL DIVIDED HIGHWAYS

(ONE ROADWAY IS SHOWN)



SECTION A-A

SHOULDER RUMBLE STRIP, MILLING

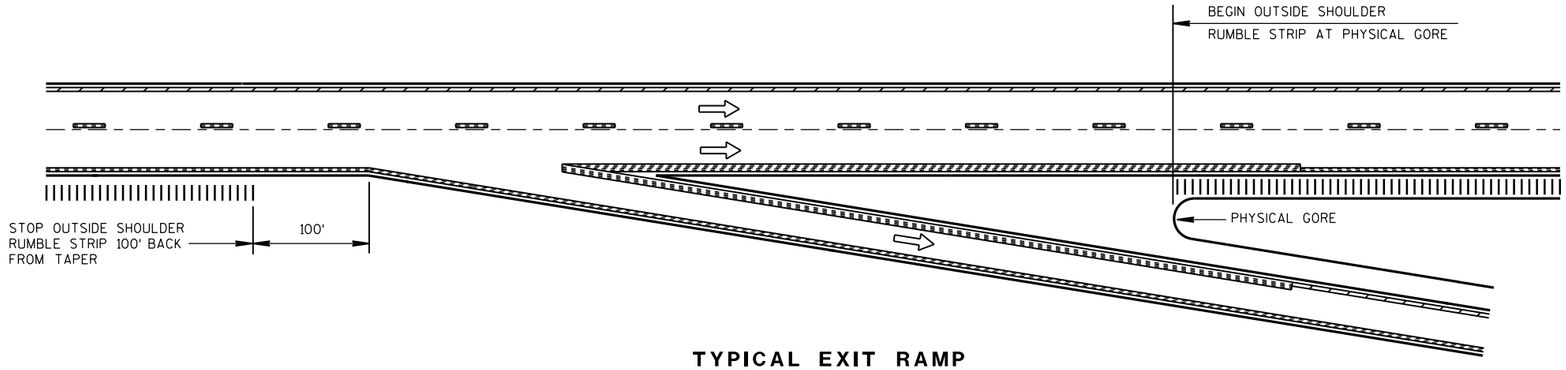
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6

S.D.D. 13 A 5-5a

6

S.D.D. 13 A 5-5a



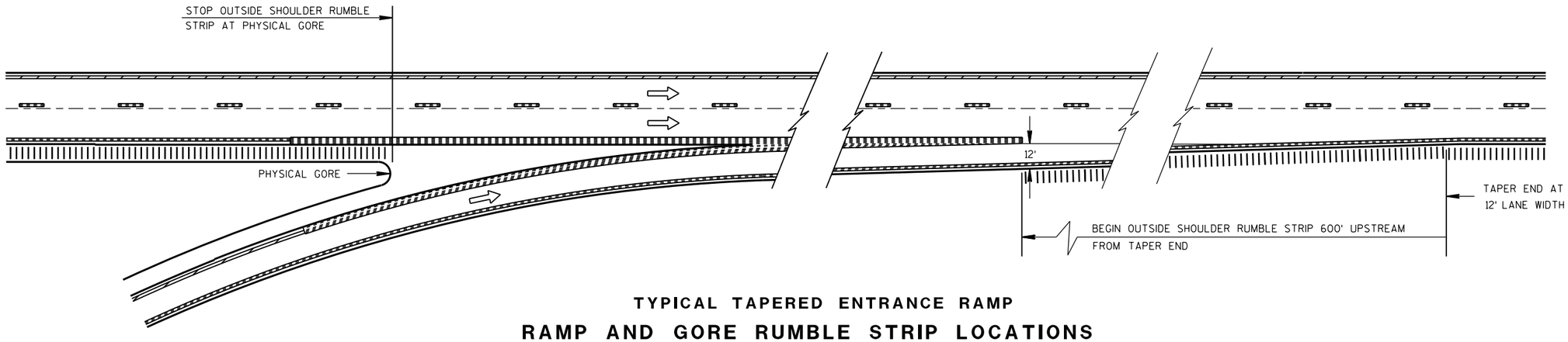
TYPICAL EXIT RAMP

NOTES:

NO RUMBLE STRIP ON EXIT, DIRECTIONAL, OR ENTRANCE RAMPS, EXCEPT NEAR THE ENTRANCE TAPER END AND ALONG THE PARALLEL RAMP AREA AS SHOWN.

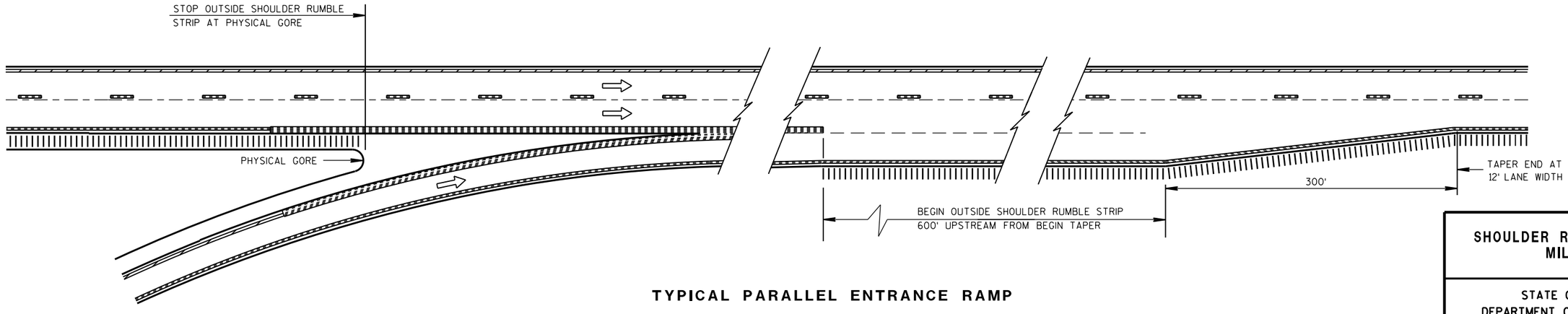
PAVEMENT MARKING DETAILS AND SPECIFICATIONS ARE PROVIDED ELSEWHERE IN THE CONTRACT.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL



TYPICAL TAPERED ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS



TYPICAL PARALLEL ENTRANCE RAMP

RAMP AND GORE RUMBLE STRIP LOCATIONS

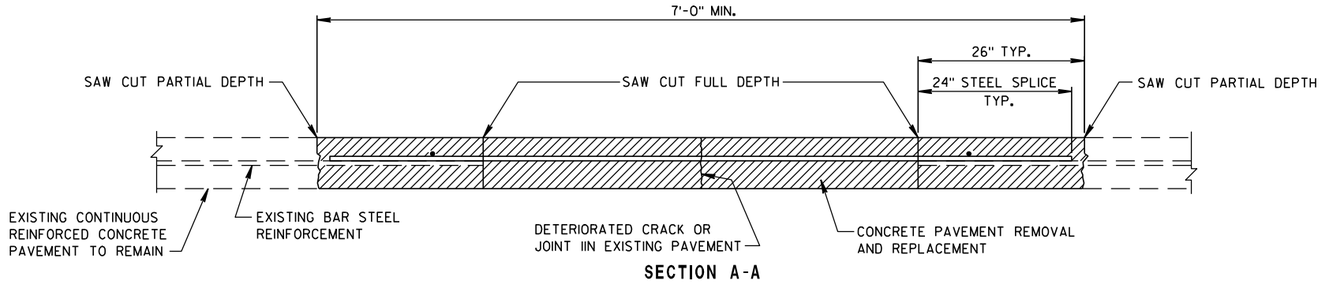
SHOULDER RUMBLE STRIP, MILLING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

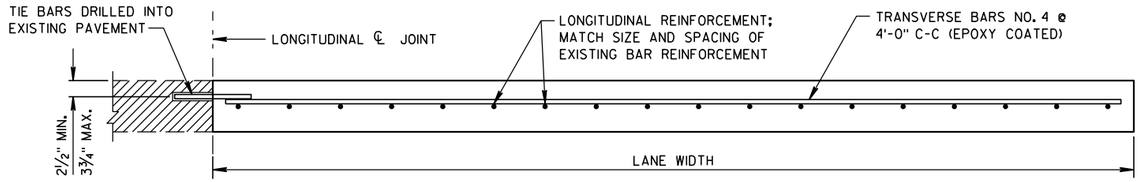
APPROVED
12/17/2012 DATE
/S/ Jerry H. Zoga
ROADWAY STANDARDS ENGINEER
FHWA

6

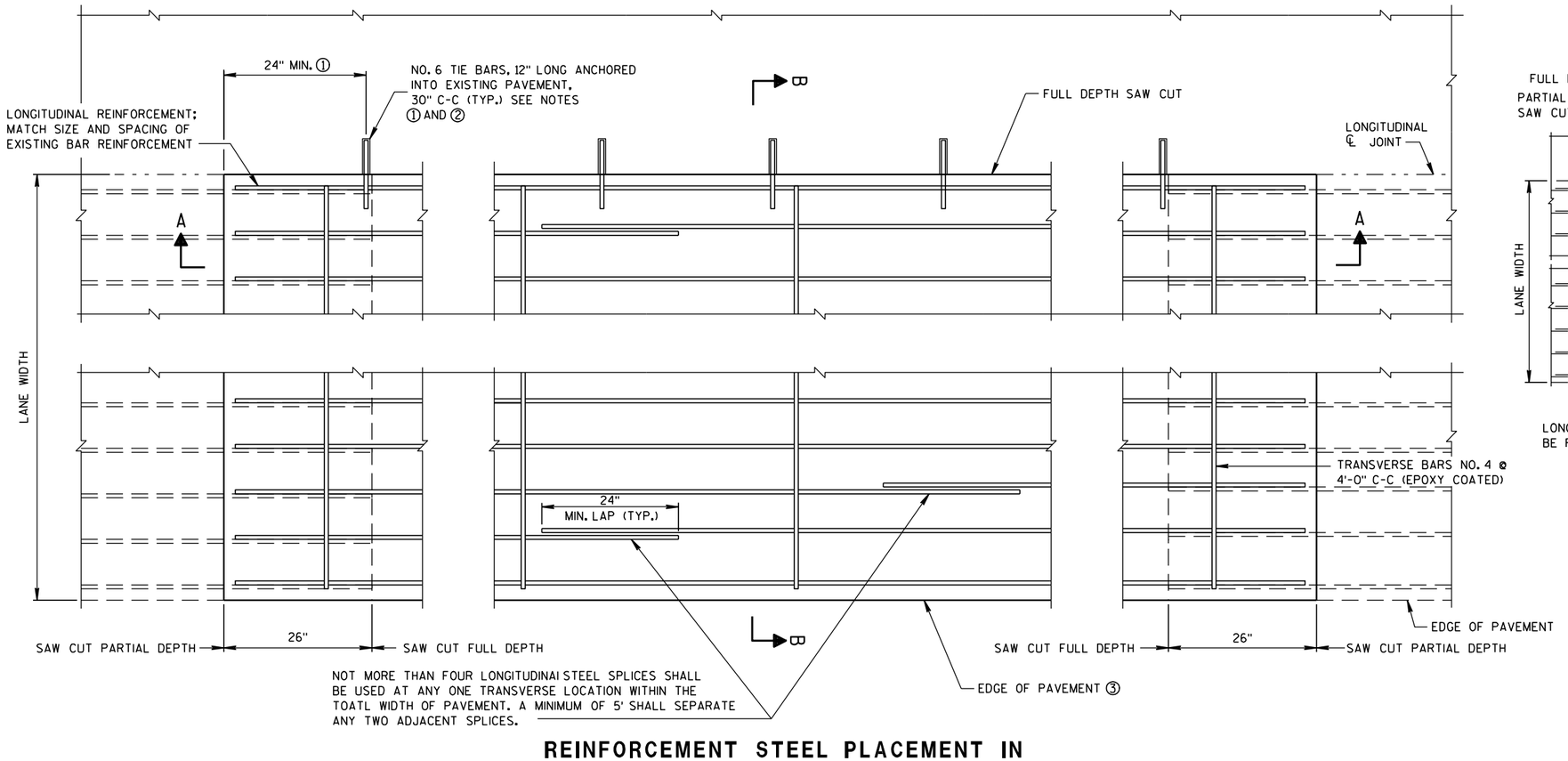
S.D.D. 13 A 5-5b



SECTION A-A



SECTION B-B



NOT MORE THAN FOUR LONGITUDINAI STEEL SPLICES SHALL BE USED AT ANY ONE TRANSVERSE LOCATION WITHIN THE TOATL WIDTH OF PAVEMENT. A MINIMUM OF 5' SHALL SEPARATE ANY TWO ADJACENT SPLICES.

REINFORCEMENT STEEL PLACEMENT IN CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPLACEMENT

GENERAL NOTES

PLACE ALL BAR STEEL REINFORCEMENT AT MID PAVEMENT DEPTH UNLESS OTHERWISE NOTED.

PAY FOR THE TRANSVERSE AND LONGITUDINAL JOINT SAW CUT AS LINEAR FEET OF "SAWING CONCRETE".

WHEN THE PASSING AND TRAVELING LANES ARE TO BE REPLACED, REPLACE THE PASSING LANE FIRST.

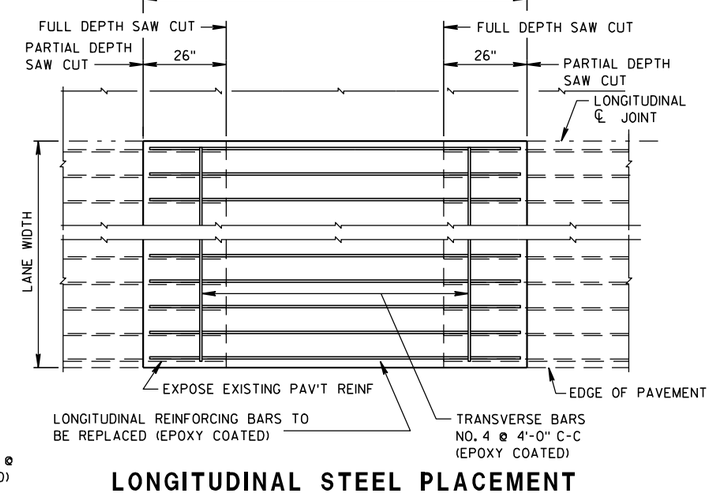
ADD TRANSVERSE STEEL BARS TO REPAIRS GREATER THAN 6'IN LENGTH, USE NO. 4 BARS PLACED TRANSVERSELY AND SPACED 4'C-C. PAYMENT SHALL BE INCIDENTAL TO "CONCRETE PAVEMENT CONTINUOUS REINFORCEMENT".

TIE ALL CONCRETE PAVEMENT REPAIRS WHICH ARE GREATER THAN 15'IN LENGTH, AND ARE ADJACENT TO EXISING CONCRETE PAVEMENT, TO THE EXISTING PAVEMENT USING TIE BARS. DETAILS FOR TIE BAR CONSTRUCTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS AND STANDARD DETAIL DRAWINGS.

① PROVIDE A MINIMUM DISTANCE OF 24 INCHES FROM AN EXISTING TRANSVERSE JOINT OR THE EDGE OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

② ANCHOR TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

③ SAW CUT THE LONGITUDINAL EDGE JOINT IF THE ADJACENT SHOULDER IS CONCRETE.



LONGITUDINAL STEEL PLACEMENT IN CRCP REPAIRS

PLAN VIEW

CONTINUOUSLY REINFORCED CONCRETE PAVEMENT REPAIR AND REPLACEMENT

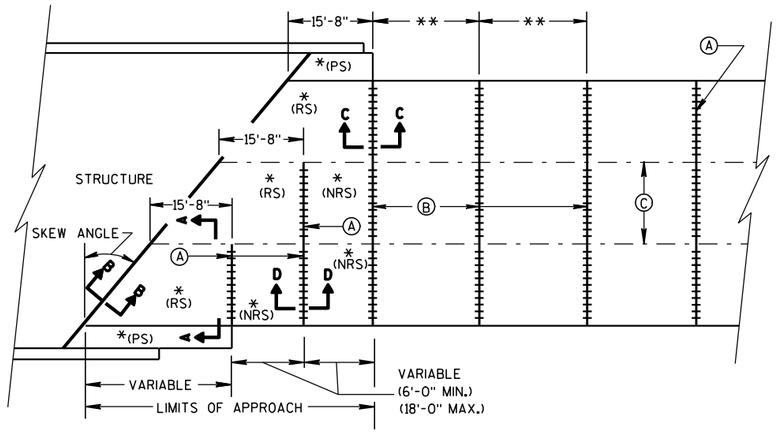
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

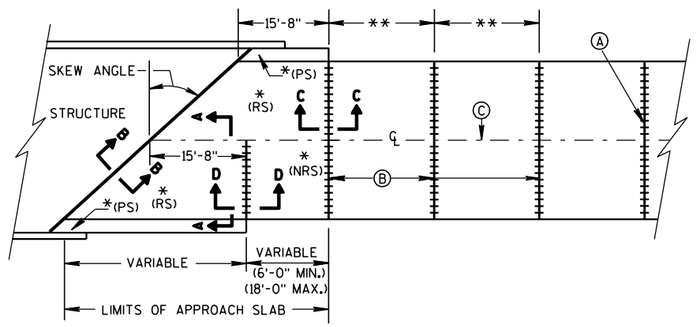
11/1/2011 — DATE

/S/ Deb Bischoff — PAVEMENT POLICY & DE NEER

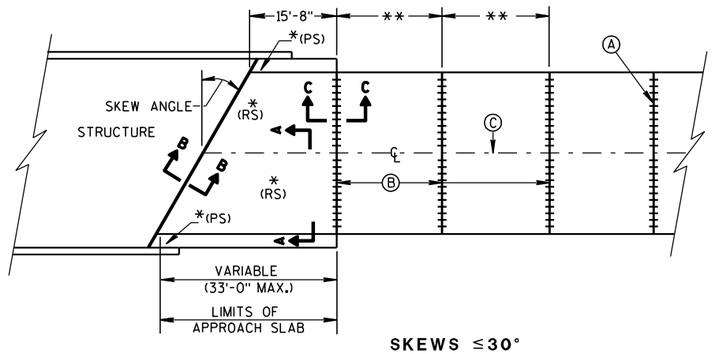
FHWA



SKEWED APPROACH
(PAVEMENT MORE THAN 2 LANES)



SKEWS >30°
(PAVEMENT WIDTH ≤30')



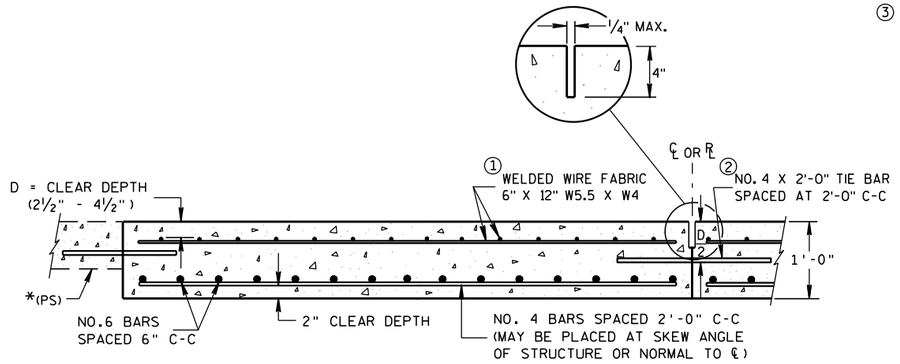
SKEWS ≤30°
(PAVEMENT WIDTH ≤30')

APPROACH SLAB AND ADJACENT PAVEMENT

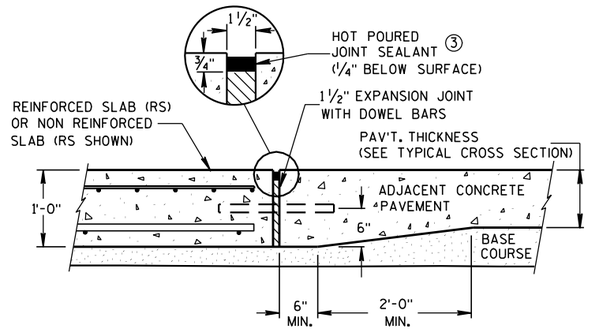
*(RS) = REINFORCED CONCRETE SLAB
*(PS) = PAVED CONCRETE SHOULDER: CONCRETE PAVEMENT, OR CONCRETE SURFACE DRAIN
(SEE DETAILS ELSEWHERE IN THE PLAN)
*(NRS) = NON-REINFORCED CONCRETE SLAB

**STANDARD TRANSVERSE JOINT SPACING
(SEE SDD 13C4, SDD 13C11, & SDD 13C13)

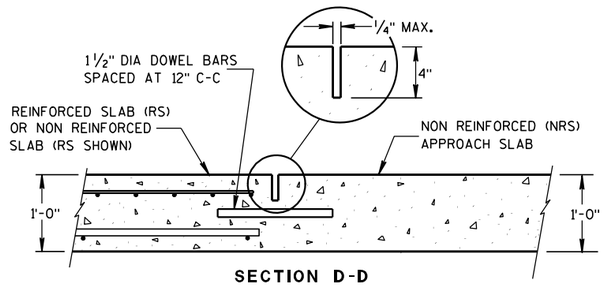
(A) STANDARD CONTRACTION JOINT NORMAL TO ℄ OR ℄
(B) 1½" EXPANSION JOINT WITH DOWEL BARS NORMAL TO ℄ OR ℄
(C) STANDARD LONGITUDINAL JOINT AND TIE BARS.



SECTION A-A
REINFORCEMENT POSITIONING DETAIL



SECTION C-C
TRANSITION DETAIL
APPROACH SLAB TO ADJACENT PAVEMENT



SECTION D-D
CONTRACTION JOINT

GENERAL NOTES

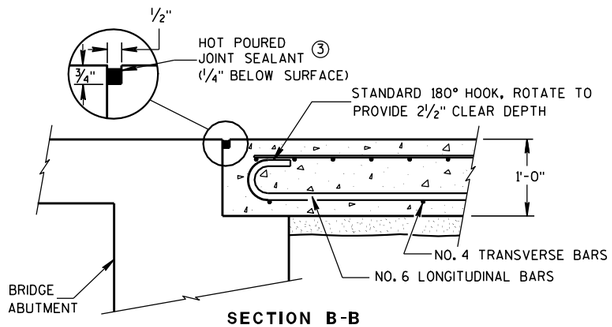
APPROACH SLABS ABUTTING AN HMA PAVEMENT OVER BASE COURSE DO NOT NEED TO BE DOWELED.

THE CONTRACTOR MAY SPLICE NO. 6 BARS IN THE APPROACH SLAB FOR SKEWED STRUCTURES ONLY. STAGGER SPLICES WITH A MAXIMUM OF ONE SPLICE PER BAR. THE LENGTH OF LAP IS 20 INCHES.

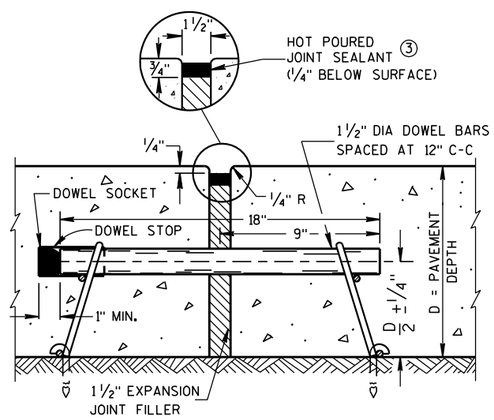
① THE CONTRACTOR MAY USE NO. 4 BARS SPACED AT 2'-0" C-C IN BOTH THE LONGITUDINAL AND TRANSVERSE DIRECTIONS FOR TOP REINFORCEMENT AS AN ALTERNATIVE TO THE WELDED WIRE FABRIC.

② THE CONTRACTOR MAY OMIT TIE BARS BETWEEN REINFORCED SLABS WHERE SLAB REINFORCEMENT BARS EXTEND ACROSS THE CENTERLINE OR REFERENCE LINE.

③ USE A JOINT SEALANT MEETING THE REQUIREMENTS OF ASTM D6690.



SECTION B-B
BEND DETAIL
BOTTOM REINFORCEMENT



EXPANSION JOINT

CONCRETE PAVEMENT APPROACH SLAB

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12/11/2009 — DATE
/S/ Deb Bischoff — PAVEMENT POLICY & DESIGN ENGINEER
FHWA

6
S.D.D. 13 B 2-6

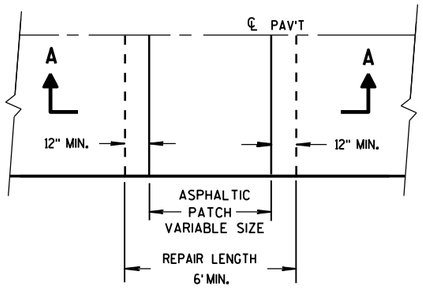
GENERAL NOTES

SAW CUT, DRILL, AND LIFT OUT EXISTING CONCRETE PAVEMENT WITHIN THE BOUNDARIES OF CONCRETE REPAIR AREAS. THE CONTRACTOR MAY MAKE ADDITIONAL SAW CUTS INSIDE THE REPAIR LIMITS TO REDUCE WEIGHT AND SIZE OF CONCRETE PIECES. ADDITIONAL SAW CUTS ARE NOT PAID FOR BY THE DEPARTMENT.

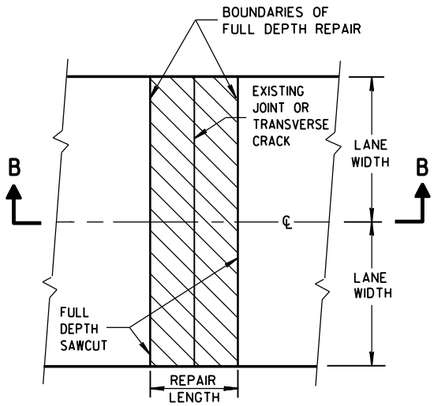
PROVIDE A 6-FOOT MINIMUM DISTANCE FROM BOUNDARIES OF CONCRETE REPAIR AREAS TO ADJACENT TRANSVERSE JOINT OR CRACK IN THE SAME LANE.

THE LENGTH OF THE REPAIRS MAY VARY FROM THE DIMENSIONS SHOWN IF THE EXISTING CONCRETE PAVEMENT IS NONDOWELED AND THE PAVEMENT IS TO BE OVERLAID AFTER REPAIRING.

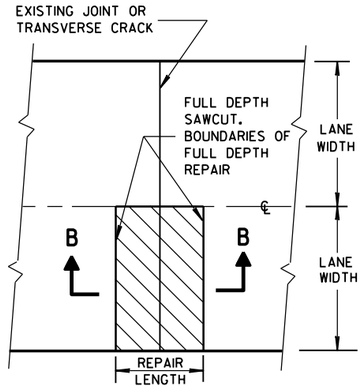
(1) DOWEL BARS MIGHT NOT EXIST.



PLAN VIEW



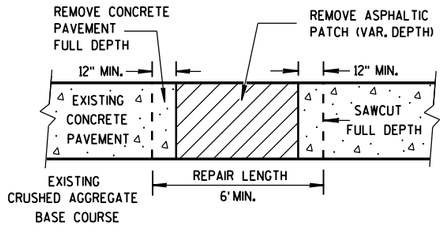
PLAN VIEW
(DOUBLE LANE REPAIR)



PLAN VIEW
(SINGLE LANE REPAIR)

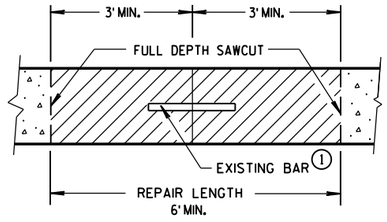
FULL DEPTH CONCRETE PAVEMENT REMOVAL

(SEE NOTE)



SECTION A-A

HMA PATCH REMOVAL



SECTION B-B

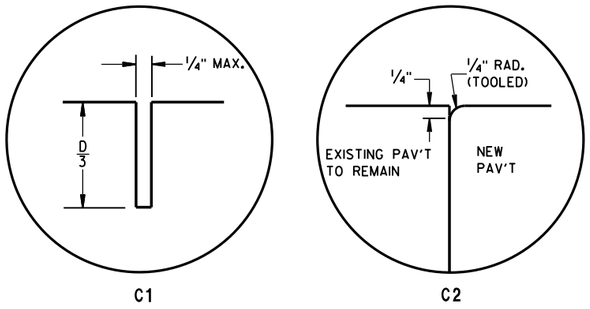
CONCRETE REMOVAL

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

S.D.D. 13 C 9-10a

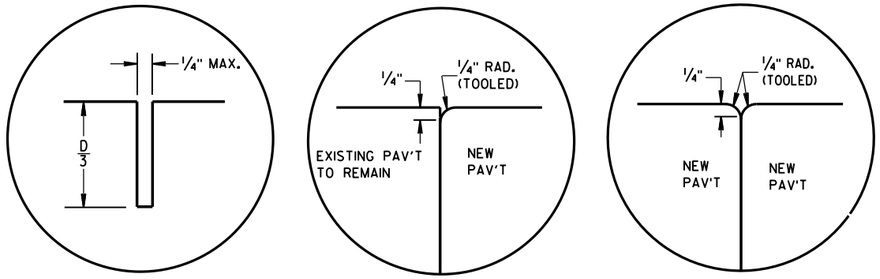


C1 C2

TRANSVERSE JOINTS

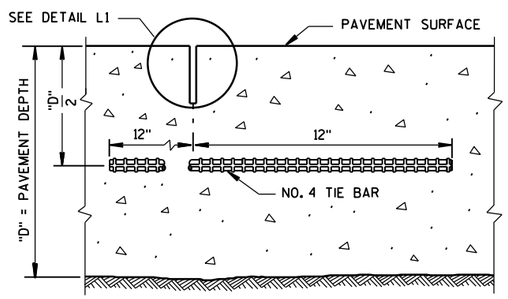
TIE BAR TABLE

PAVEMENT DEPTH "D"	CLEAR COVER "C"	MAXIMUM TIE BAR SPACING "S"	
		PAVEMENT WIDTH	
		24' OR 26'	≥ 30'
6, 6 1/2"	3"±1/2"	48"	42"
7, 7 1/2"	3 1/4"±1"	45"	36"
8, 8 1/2"	3 3/4"±1"	39"	30"
9, 9 1/2"	4 1/4"±1"	33"	27"
10, 10 1/2"	4 3/4"±1"	30"	24"
11, 11 1/2"	5 1/4"±1"	27"	21"
12"	5 3/4"±1"	24"	21"



L1 L2 L3

LONGITUDINAL JOINTS



SECTION C-C

SAWED LONGITUDINAL JOINT

GENERAL NOTES

INSTALL DOWEL BARS PARALLEL TO THE PAVEMENT CENTERLINE AND PAVEMENT SURFACE.

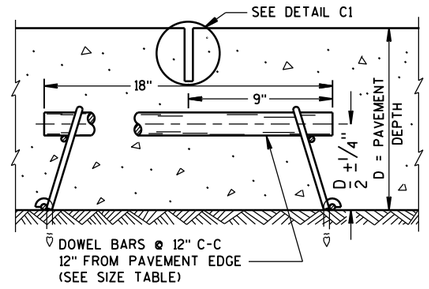
CONCRETE PAVEMENT REPAIRS OF EXISTING NONDOWELED CONCRETE PAVEMENTS DO NOT NEED TO BE DOWELED.

DO NOT SEAL OR FILL JOINTS.

ANCHOR DOWEL BARS AND TIE BARS INTO DRILLED HOLES WITH AN EPOXY.

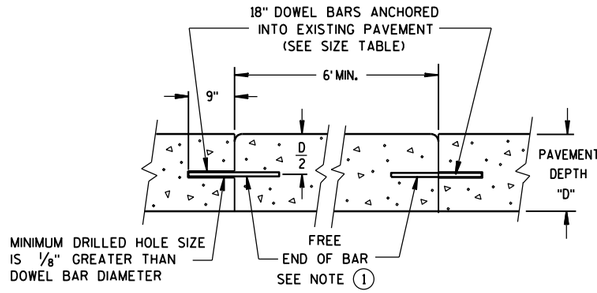
FOR MULTI-LANE CONCRETE PAVEMENT REPLACEMENTS, PROVIDE A MINIMUM DISTANCE OF 15 INCHES FROM ALL TRANSVERSE JOINTS OR EDGES OF REPLACEMENT TO THE CENTER OF THE TIE BAR NEAREST THAT JOINT OR EDGE.

(1) APPLY A THIN UNIFORM COATING OF SURFACE TREATMENT TO THE FREE END OF DOWEL BARS TO PREVENT BONDING.

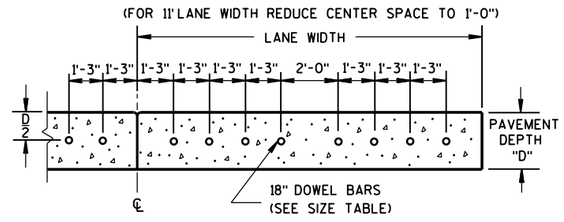


SECTION F-F

CONTRACTION JOINT



SECTION D-D

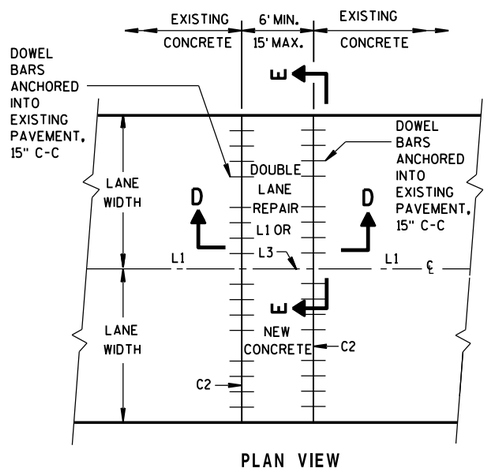


SECTION E-E

DRILLED DOWEL BAR CONSTRUCTION JOINT

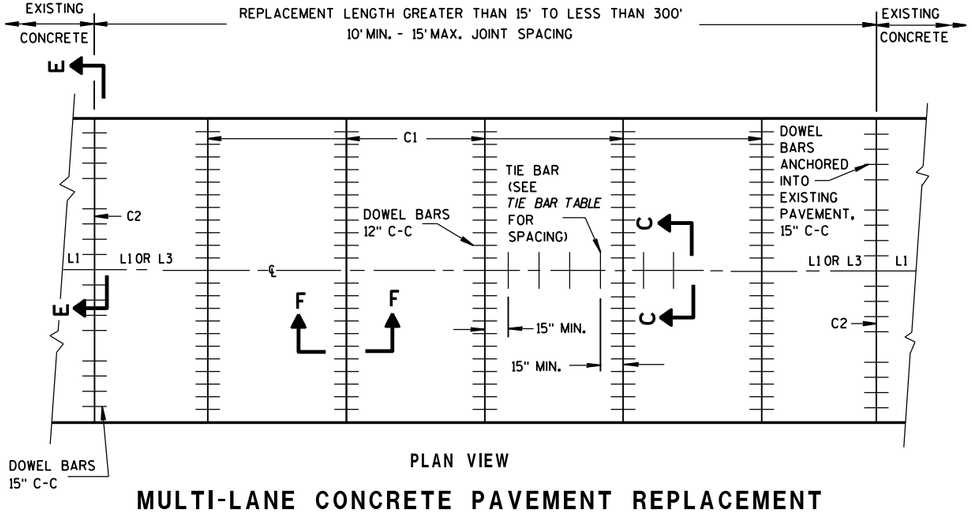
PAVEMENT DEPTH, DOWEL BAR SIZE AND JOINT SPACING TABLE

PAVEMENT DEPTH (D)	DOWEL BAR DIAMETER	CONTRACTION JOINT SPACING
5 1/2", 6",6 1/2"	NONE	12'
7",7 1/2"	1"	14'
8",8 1/2"	1 1/4"	15'
9",9 1/2"	1 1/4"	15'
10" & ABOVE	1 1/2"	15'



PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPAIR



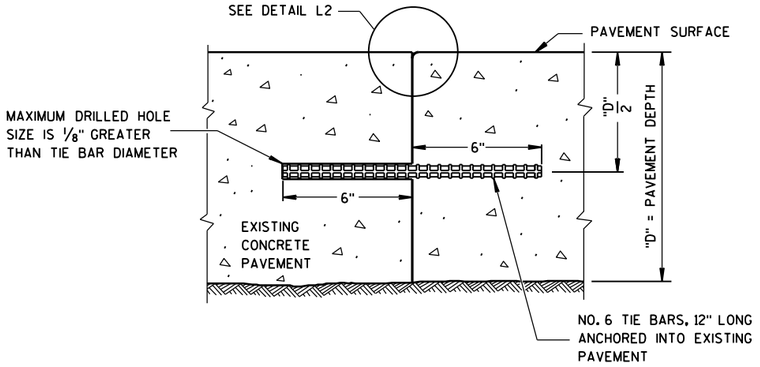
PLAN VIEW

MULTI-LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

6
S.D.D. 13 C 9-10b



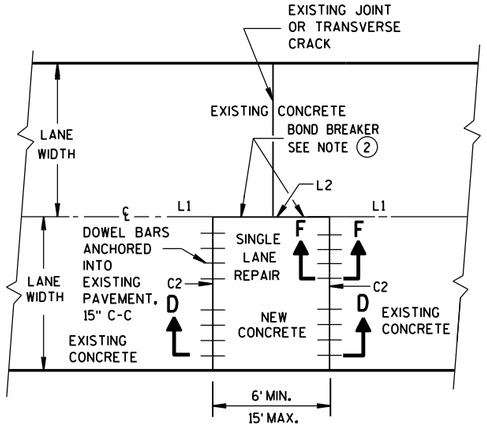
SECTION G-G

TIE BARS ANCHORED INTO EXISTING PAVEMENT

GENERAL NOTES

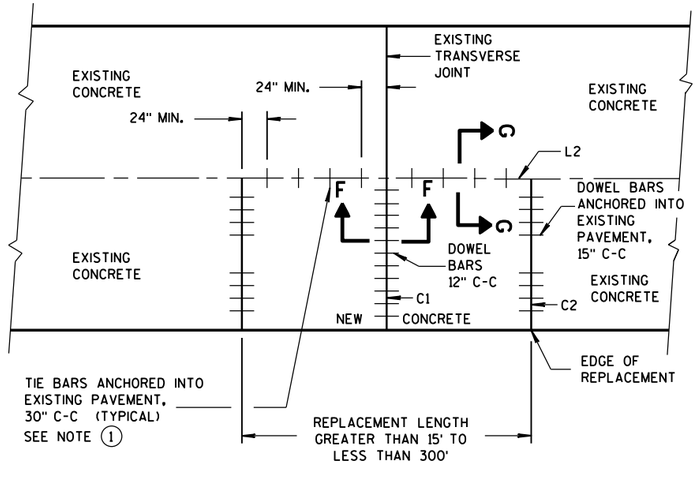
(1) WITH THE APPROVAL OF THE ENGINEER, FOR SINGLE LANE PAVEMENT REPLACEMENTS LESS THAN 30 FEET IN LENGTH, THE CONTRACTOR MAY INSTALL DRILLED TIE BARS ON 6:1 SKEW HORIZONTALLY, DIRECTION OF SKEW ALTERNATING WITH EACH SUCCESSIVE BAR. DRIVE SKEWED TIE BARS TO A DEPTH OF 6 INCHES AND TO SUCH A DIAMETER AS TO PROVIDE A TIGHT DRIVEN FIT.

(2) USE AN ENGINEER-APPROVED BOND BREAKER (E.G. RELEASE AGENT, CURING COMPOUND) FOR SINGLE LANE REPAIRS UP TO 15 FEET IN LENGTH.



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPAIR



PLAN VIEW

SINGLE LANE CONCRETE PAVEMENT REPLACEMENT

CONCRETE PAVEMENT REPAIR AND REPLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5-3-2013
DATE

/S/ Deb Bischoff
PAVEMENT POLICY & DE

FHWA

IEER

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S.D.D. 13 C 9-10c

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S.D.D. 13 C 9-10c

GENERAL NOTES

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

(1) W6 X 9 OR W6 X 8.5 STEEL POSTS AND NOTCHED PLASTIC BLOCKOUTS ARE ACCEPTABLE ALTERNATIVES FOR 6" X 8" WOOD POSTS WITH WOOD OR PLASTIC BLOCKOUTS. USE APPROVED NOTCHED PLASTIC BLOCKOUTS WITH STEEL POSTS. APPROVED PLASTIC BLOCKOUT DESIGNS MAY VARY FROM THIS TYPICAL DETAIL WHEN USED IN CONJUNCTION WITH STEEL POSTS.

DO NOT MIX STEEL POSTS AND WOOD POSTS IN A SINGLE INSTALLATION.

(2) USE STRUCTURAL STEEL POSTS CONFORMING TO ASTM A 36. GALVANIZED POSTS ACCORDING TO AASHTO M 111. EITHER SET THE POSTS IN DRILLED HOLES OR DRIVE TO GRADE. REMOVE MUSHROOMING CAUSED BY DRIVING AND REPAIR DAMAGED SPELTER COATING ON GALVANIZED POSTS.

(3) INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

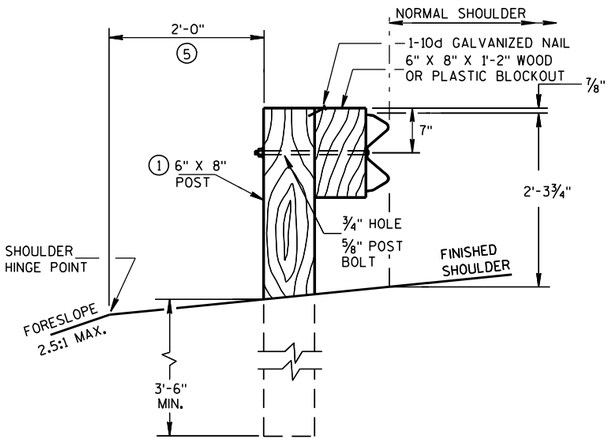
(4) USE EITHER WOOD OR APPROVED PLASTIC BLOCKOUTS ON WOOD POSTS.

(5) IF THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING, W BEAM (LHW).

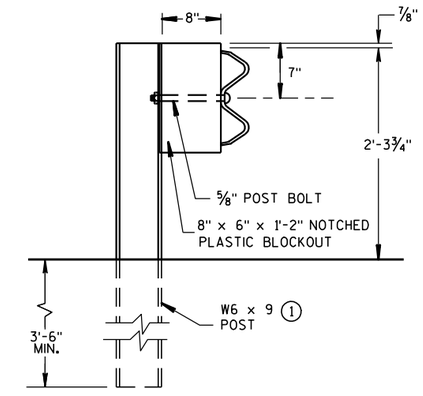
(6) IF ROCK IS ENCOUNTERED DURING EXCAVATION, THE ENGINEER MAY APPROVE USING A 12 INCH DIAMETER POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE APPROXIMATELY 2½ INCHES DEEP. CUT THE POSTS TO LENGTH AND PLACE IN YHE HOLE. BACKFILL WITH MATERIAL EXCAVATED FROM THE HOLE AND COMPACT ADEQUATEY.

INSTALL BEAM GUARD SECTIONS AND ALL NECESSARY HARDWARE ACCORDING TO THE APPLICABLE PLAN AND CURRENT STANDARD AND SUPPLEMENTAL SPECIFICATIONS.

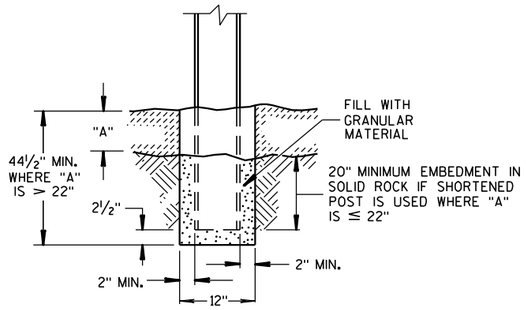
ALL DIMENSIONS ARE SUBJECT TO MANUFACTURER'S TOLERANCES EXCEPT WHERE ALLOWABLE TOLERANCES ARE SHOWN.



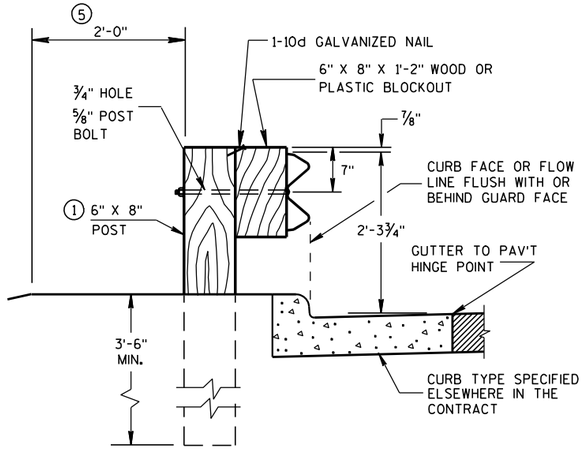
END VIEW
LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



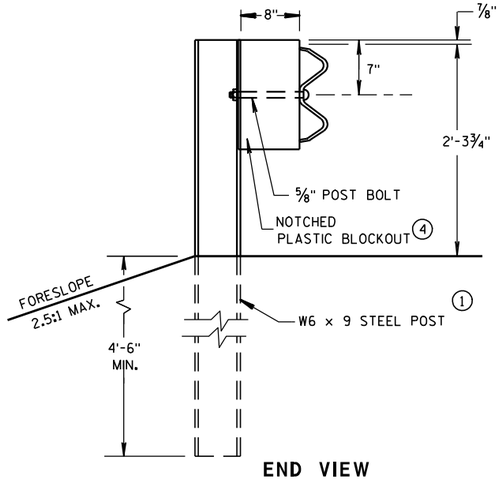
END VIEW
STEEL POST & NOTCHED
PLASTIC BLOCKOUT ALTERNATIVE
STANDARD INSTALLATION



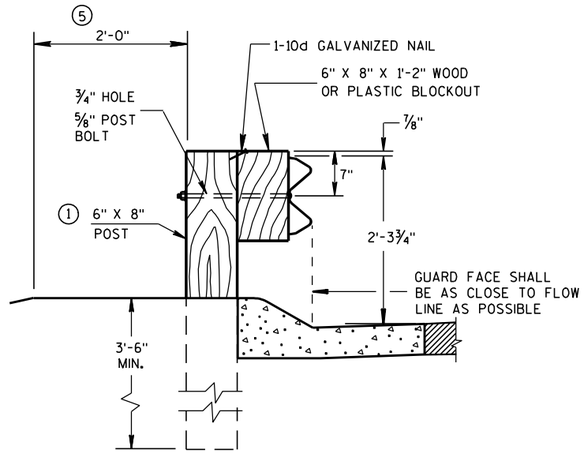
END VIEW
SETTING STEEL OR WOOD POST IN ROCK (6)



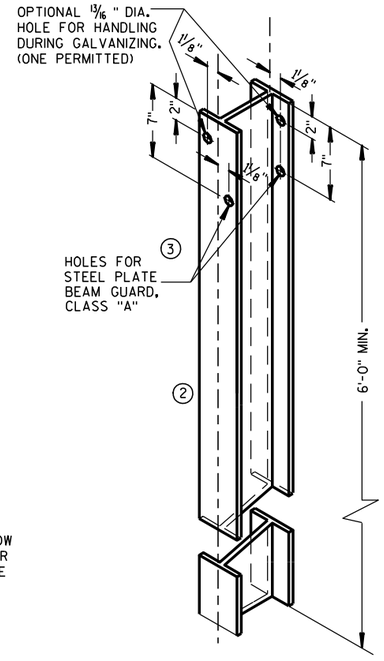
END VIEW
LOCATED ALONG A CURBED ROADWAY



END VIEW
LONGER POST AT HALF
POST SPACING W BEAM
(LHW)

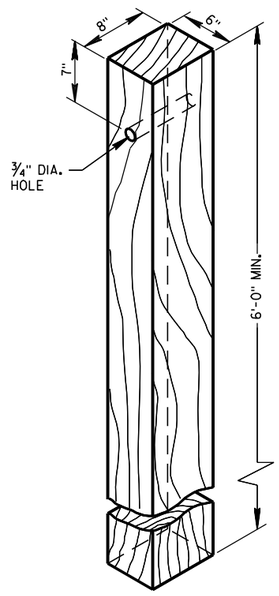


END VIEW
LOCATED ALONG A
MOUNTABLE CURBED ROADWAY

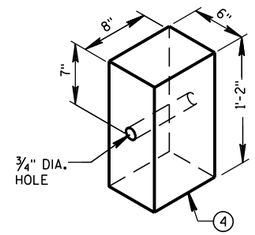


STEEL POST &
HOLE PUNCHING DETAIL
(W6 X 9) (1)

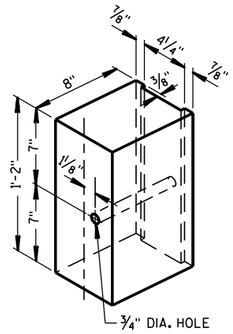
ALL HOLES 13/16" DIAMETER EXCEPT AS NOTED



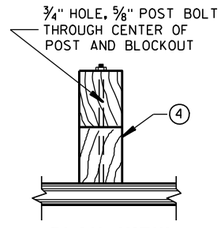
WOOD POST
(6"X8") NOMINAL



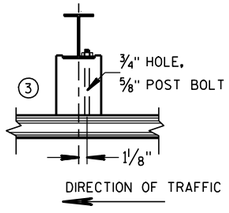
WOOD OR PLASTIC
BLOCKOUT FOR
WOOD POSTS



TYPICAL NOTCHED (1)
PLASTIC BLOCKOUT
FOR STEEL POSTS



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



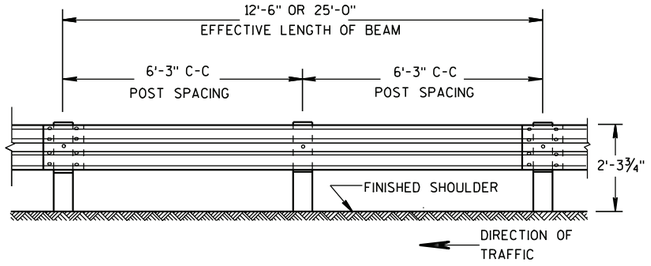
PLAN VIEW
STEEL POST, NOTCHED
PLASTIC BLOCKOUT & BEAM

TYPICAL INSTALLATION OF STEEL PLATE BEAM GUARD

STEEL PLATE BEAM GUARD,
CLASS "A"
INSTALLATION & ELEMENTS

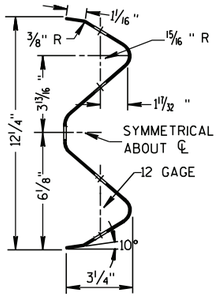
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
S.D.D. 14 B 15-7a

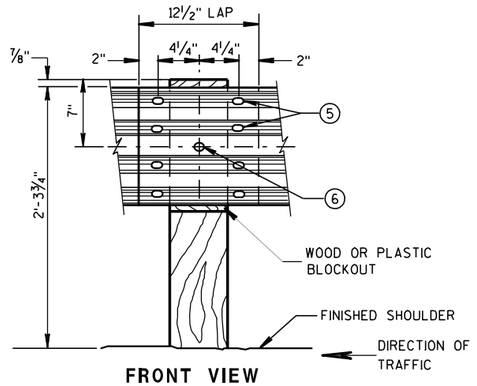


FRONT VIEW

POST SPACING STANDARD INSTALLATION



SECTION THRU W BEAM

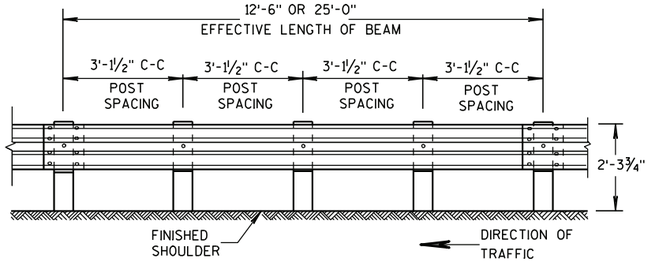


FRONT VIEW

BEAM SPLICE AT WOOD POST AND POST MOUNTING DETAIL

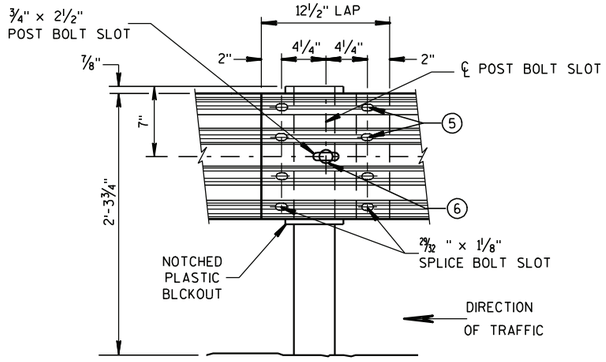
GENERAL NOTES

1. PROVIDE TYPE "H" SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH TYPE "H" YELLOW REFLECTIVE SHEETING.
2. DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL.
3. REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.
4. PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.
5. 8 - 5/8" ϕ X 2 " BUTTON HEAD BOLTS WITH OVAL SHOULDERS & RECESS NUTS.
6. 5/8" ϕ X 1'-6" BUTTON HEAD BOLT AND AND RECESS NUT WITH ROUND WASHER UNDER NUT.



FRONT VIEW

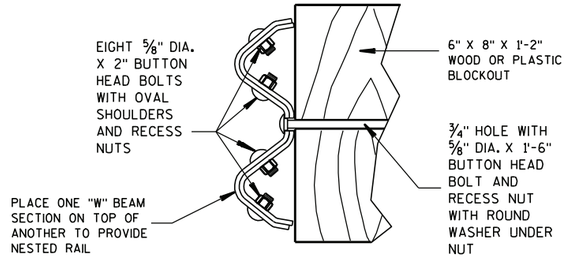
POST SPACING FOR LONGER POST AT HALF POST SPACING W BEAM (LHW)



FRONT VIEW

BEAM SPLICE AT STEEL POST

TYPICAL SPLICING DETAILS OF STEEL PLATE BEAM GUARD

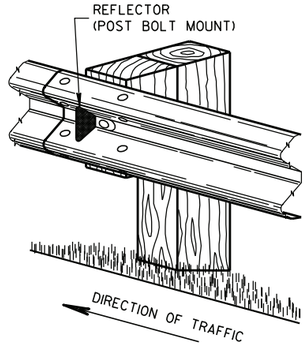


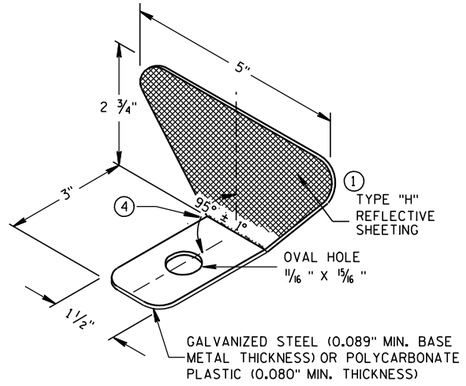
NESTED W BEAM (NW)

USE ALL OTHER STANDARD BEAM GUARD DETAILS FOR CONSTRUCTING NESTED W BEAM (NW)

REFLECTOR SPACING (2)

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 (3)	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2	3
	> 200'	100' C-C	2 (4)	



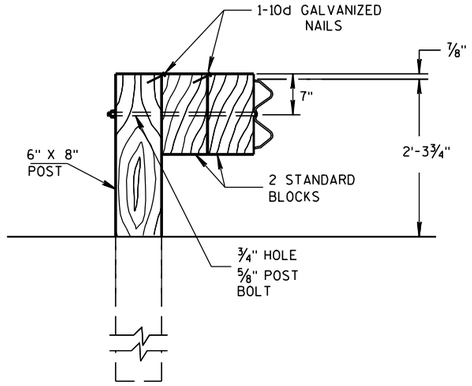


ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION (1)

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

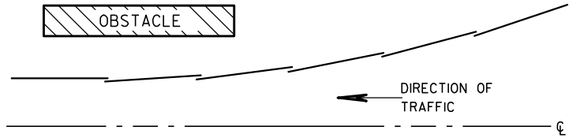
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6
S.D.D. 14 B 15-7b

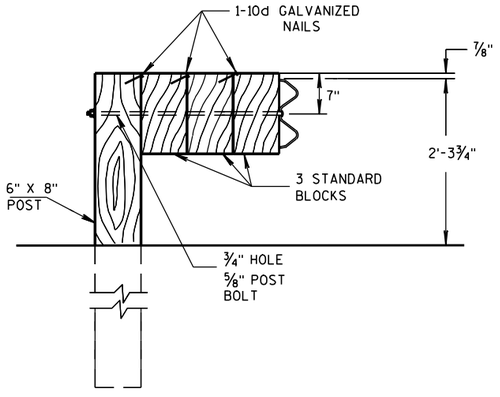


DETAIL FOR DOUBLE BLOCKS

THE NUMBER OF DOUBLE BLOCK POSTS WITHIN A BARRIER RUN IS UNLIMITED

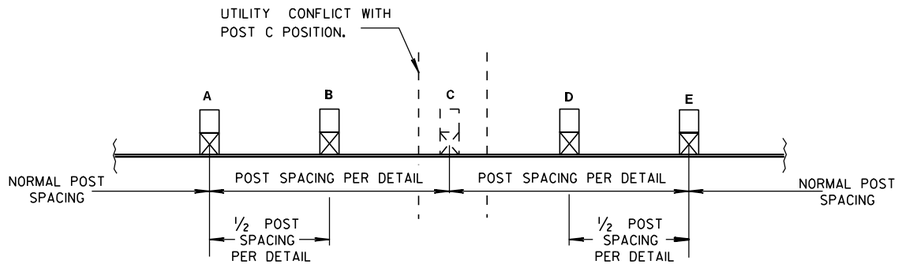


PLAN VIEW
BEAM LAPPING DETAIL



DETAIL FOR TRIPLE BLOCKS

TRIPLE BLOCK DETAIL IS LIMITED TO ONE LOCATION WITHIN A BEAM GUARD RUN.



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION

NOTES: USE DOUBLE OR TRIPLE BLOCKS WHEN UNDERGROUND OBSTACLES PREVENT THE POST FROM BEING INSTALLED.

DO NOT USE EXTRA BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

STEEL PLATE BEAM GUARD, CLASS "A", INSTALLATION & ELEMENTS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

5/23/11	/S/ Jerry H. Zogg	
DATE	ROADWAY STANDARDS ENGINEER	ENT

FHWA

207

6

S.D.D. 14 B 15-7c

GENERAL NOTES

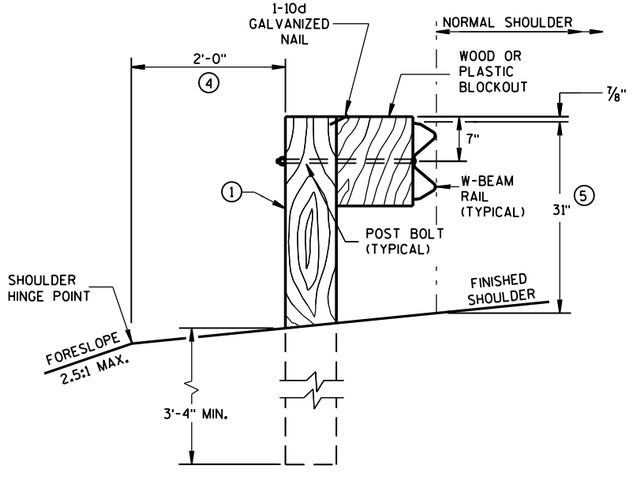
1. WOOD OR STEEL POSTS (w6X9 OR w6X8.5) MAY BE USED. DO NOT INTERMIX WOOD AND STEEL POSTS. INSTALL STEEL POSTS WITH HOLES ON APPROACHING TRAFFIC SIDE.

2. USE WOOD OR APPROVED PLASTIC BLOCKOUTS. WOOD BLOCKOUTS MAY BE CONSTRUCTED OUT OF TWO OR MORE WOOD BLOCKOUTS. SEE ALTERNATE WOOD BLOCKOUT DETAIL. DIMENSIONS OF APPROVED PLASTIC BLOCKOUTS MAY VARY.

3. IF ROCK IS ENCOUNTERED DURING EXCAVATION, PROVIDE A HOLE 12 INCHES IN DIAMETER EXTENDING 20 INCHES DEEP INTO THE ROCK. PLACE APPROXIMATELY 2½INCHES OF GRANULAR MATERIAL IN THE BOTTOM OF THE HOLE. CUT THE POSTS THE TO LENGTH AMD INSTALL. BACKFILL WITH EXCAVATED MATERIAL AND COMPACT. BACKFILL IS TO BE FREE OF LARGE ROCKS.

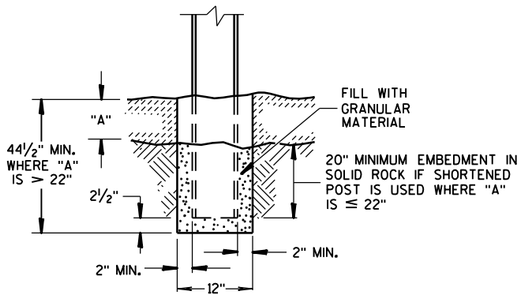
4. WHEN THE DISTANCE FROM BACK OF POST TO SHOULDER HINGE POINT IS LESS THAN 2 FEET INSTALL LONGER POST AT HALF POST SPACING (K).

5. FOR NEW MGS INSTALLATION TOP OF W-BEAM RAIL TOLERANCE IS ± 1". FOR EXISTING MGS INSTALLATION TOP OF W-BEAM IS BETWEEN 27¾" TO 32".



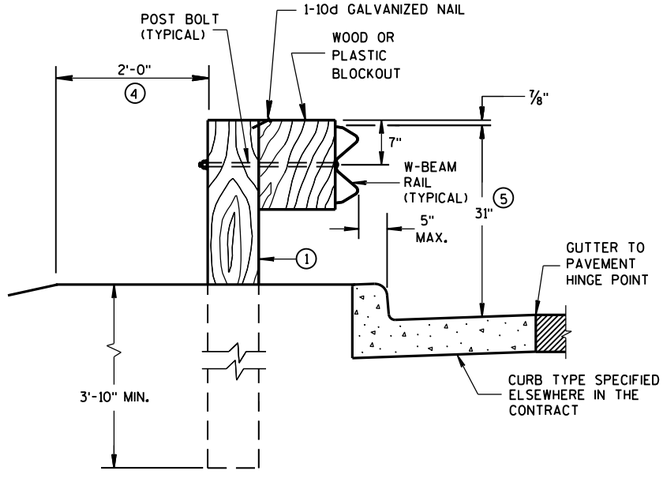
END VIEW

LOCATED ALONG A ROADWAY SHOULDER
STANDARD INSTALLATION



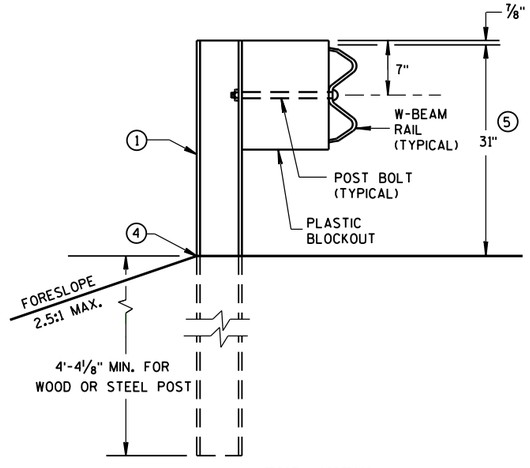
END VIEW

SETTING STEEL OR WOOD POST IN ROCK ③



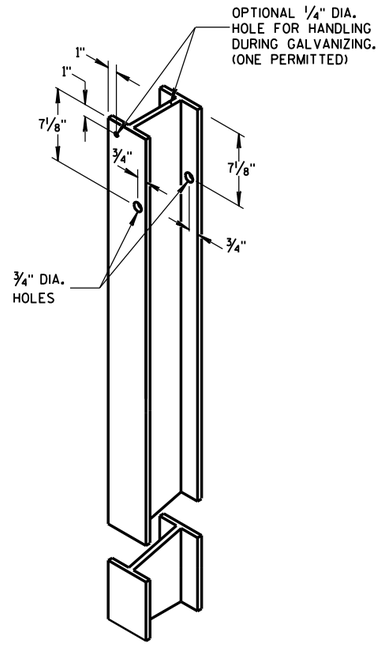
END VIEW

LOCATED ALONG A CURBED ROADWAY

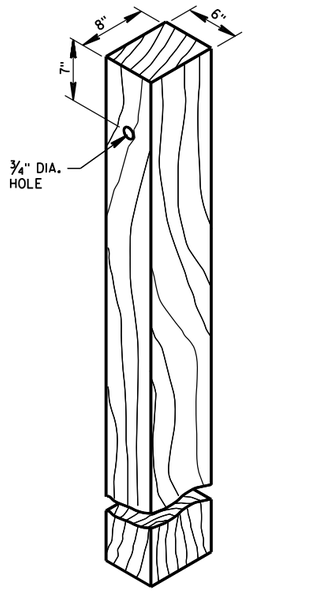


END VIEW

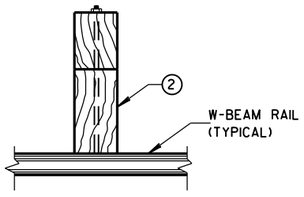
MGS LONGER POST AT HALFPOST SPACING W BEAM (K)



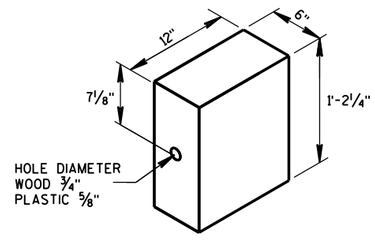
STEEL POST &
HOLE PUNCHING DETAIL
(w6X9) ①



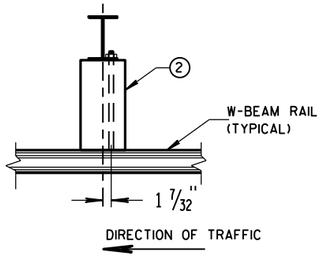
WOOD POST
(6" X 8") NOMINAL ①



PLAN VIEW
WOOD POST,
BLOCKOUT & BEAM



WOOD OR
PLASTIC BLOCKOUT ②



PLAN VIEW
STEEL POST,
PLASTIC BLOCKOUT & BEAM

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

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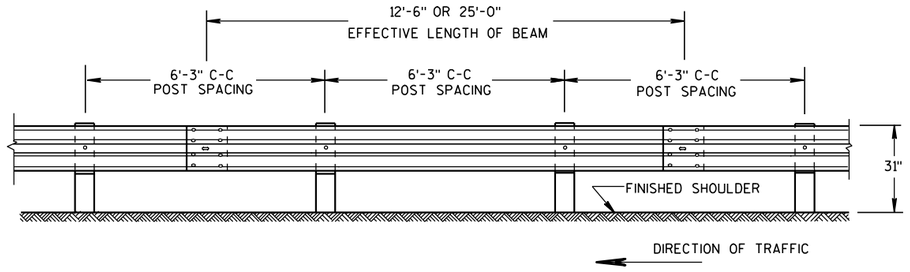
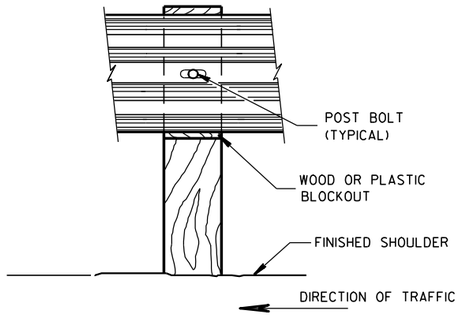


FRONT VIEW

POST SPACING STANDARD INSTALLATION



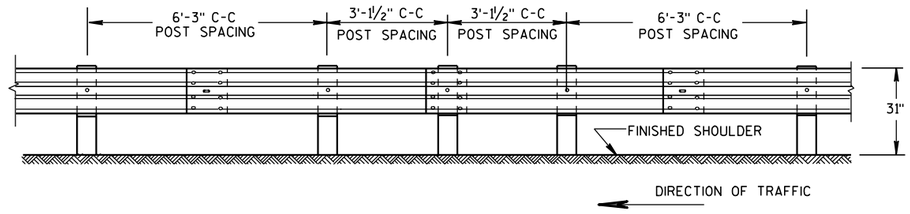
FRONT VIEW AT WOOD POST

GENERAL NOTES

1. PROVIDE TYPE "H" SILVER REFLECTIVE SHEETING ON ALL REFLECTORS EXCEPT THOSE LOCATED ALONG THE LEFT EDGE OF ONE-WAY ROADWAYS, WHICH SHALL BE PROVIDED WITH TYPE "H" YELLOW REFLECTIVE SHEETING.
2. DO NOT INSTALL REFLECTORS ON THE FIRST 50 FEET OF THE APPROACH END OF THE ENERGY ABSORBING TERMINAL. RAIL SPLICE LOCATIONS ARE THE ONLY ACCEPTABLE LOCATIONS FOR REFLECTORS.
3. REVERSE EVERY OTHER REFLECTOR FOR 2-WAY VISIBILITY. THE CONTRACTOR MAY FURNISH TWO-SIDED REFLECTORS IN LIEU OF ONE-SIDED REFLECTORS.
4. PROVIDE AN ANGLE OF BEND OF 90° ± 1° FOR TWO-SIDED REFLECTORS.
5. 25 FEET OF HALF POST SPACING IS REQUIRED ON APPROACH AND DEPARTURE ENDS OF QUARTER POST SPACING.

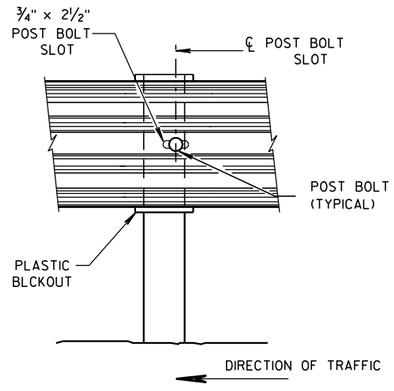
POST BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL BOLT. A POST BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT AND 5/8" DIAMETER F844 FLAT WASHER. POST BOLTS MAY BE LONGER IF MULTIPLE BLOCKOUTS ARE BEING USED.

GUARD RAIL SPLICE BOLTS ARE A 5/8" DIAMETER ASTM A307 GUARDRAIL HEAD BOLT. A GUARDRAIL SPLICE BOLT REQUIRES 5/8" DIAMETER A563A DOUBLE RECESSED (DR) HEAVY HEX NUT.

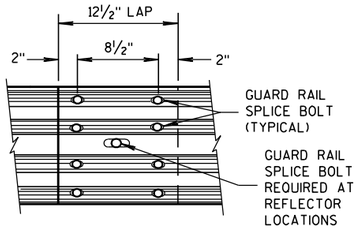


FRONT VIEW

HALF POST SPACING (HS) AND HALF POST SPACING WITH LONGER POSTS (K)

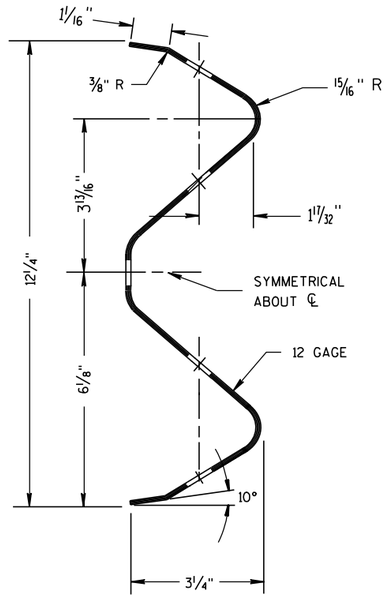


FRONT VIEW AT STEEL POST

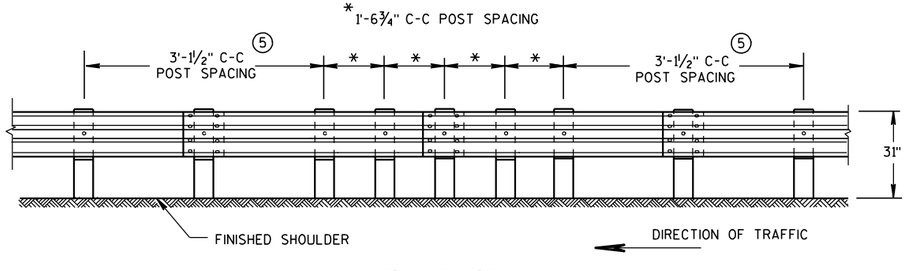


FRONT VIEW

MID-SPAN BEAM SPLICE

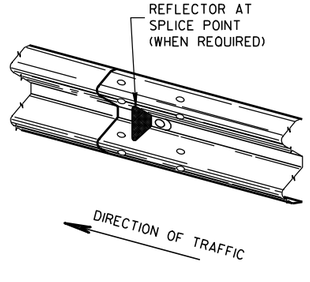


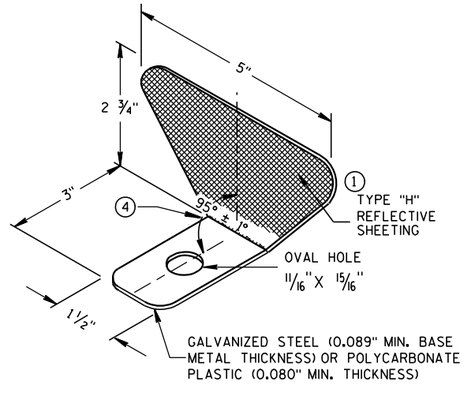
SECTION THRU W-BEAM RAIL



FRONT VIEW

QUARTER POST SPACING (QS)





ONE SIDED REFLECTOR DETAIL AND TYPICAL INSTALLATION ①

REFLECTOR SPACING ②

	BEAM GUARD LENGTH	REFLECTOR SPACING	NO. SURFACES REFLECTORIZED	MIN. NO. REFLECTORS
ONE WAY TRAFFIC	< 200'	50' C-C	1	3
	> 200'	100' C-C	1	
TWO WAY TRAFFIC	< 200'	25' C-C	1 ③	6
	> 200'	50' C-C	1	
TWO WAY TRAFFIC	< 200'	50' C-C	2 ④	3
	> 200'	100' C-C	2	

MIDWEST GUARDRAIL SYSTEM
(MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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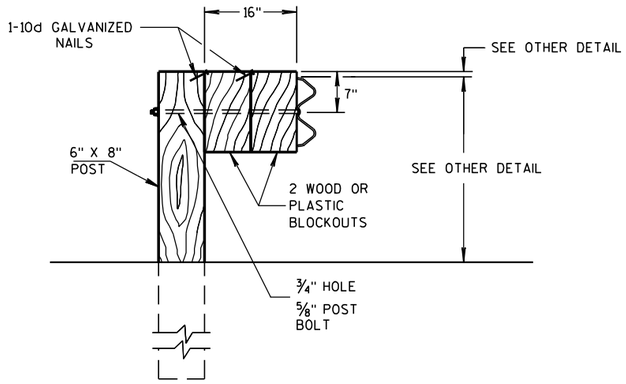
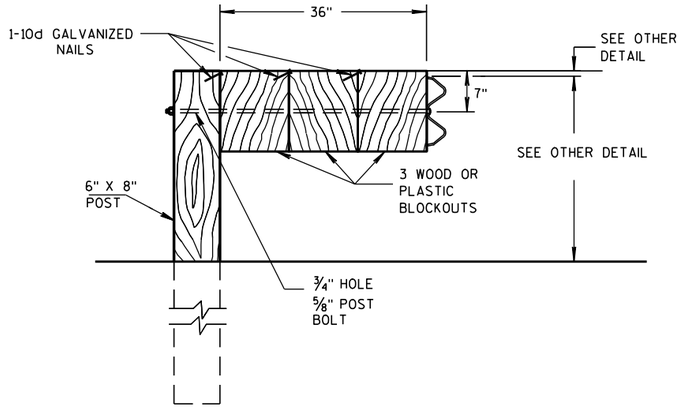
S.D.D. 14 B 42-2b



DETAIL FOR 16" BLOCKOUT DEPTH

IT IS ACCEPTABLE TO USE BLOCKOUTS UP TO 16" DEEP TO INCREASE THE POST OFFSET TO AVOID UNDERGROUND OBSTACLES. THERE IS NO LIMIT TO THE NUMBER OF POSTS THAT CAN HAVE ADDITIONAL BLOCKOUTS UP TO 16" DEEP.

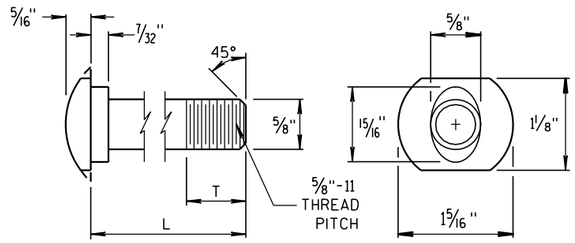


DETAIL FOR 36" BLOCKOUT DEPTH

NOTES: UNDER SPECIAL CIRCUMSTANCES, SUCH AS AVOIDING OBSTACLES THAT ARE NOT RELOCATED, IT IS ACCEPTABLE TO INSTALL ADDITIONAL BLOCKOUTS TO OBTAIN UP TO 36" DEPTH FOR ONE OR TWO POSTS IN A SECTION OF GUARDRAIL.

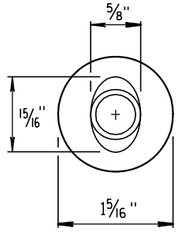
DO NOT USE 16" OR 36" BLOCKOUTS IF IT CAUSES THE POST TO BE DRIVEN BEYOND SHOULDER HINGE POINT OR CAUSES A FIXED OBJECT TO BE WITHIN THE DEFLECTION DISTANCE OF THE BARRIER.

NOTE: 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16".
2. IF THE BOLT EXTENDS MORE THAN 1/4" FROM THE NUT THE BOLT SHOULD BE TRIMMED BACK.

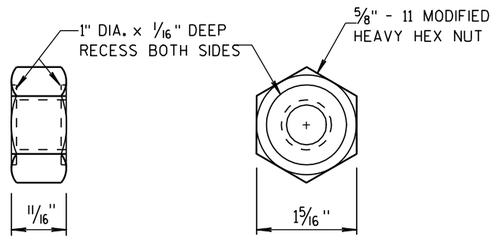


POST BOLT TABLE

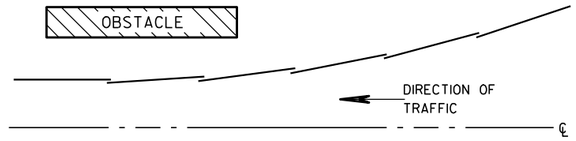
L	T (MIN.)
1 1/4"	1 1/8"
2"	1 3/4"
10"	4"
14"	4 1/16"
18"	4"
21"	4 1/16"
25"	4"



ALTERNATE BOLT HEAD

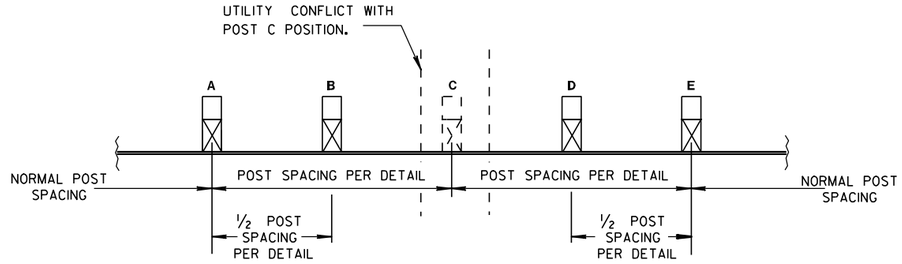


POST BOLT AND RECESS NUT

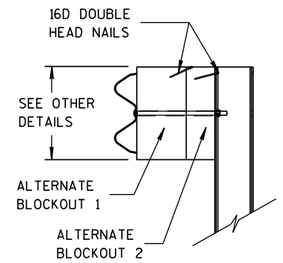


PLAN VIEW

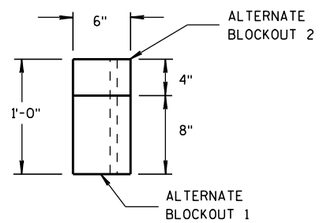
BEAM LAPPING DETAIL



POST DRIVING FOR CONTINUOUS UNDERGROUND OBSTRUCTION



SIDE VIEW



TOP VIEW

ALTERNATE WOOD BLOCKOUT DETAIL

MIDWEST GUARDRAIL SYSTEM (MGS) GUARDRAIL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

11/15/2011
DATE

/S/ Jerry H. [illegible]
ROADWAY STANDARDS ENGINEER

FHWA

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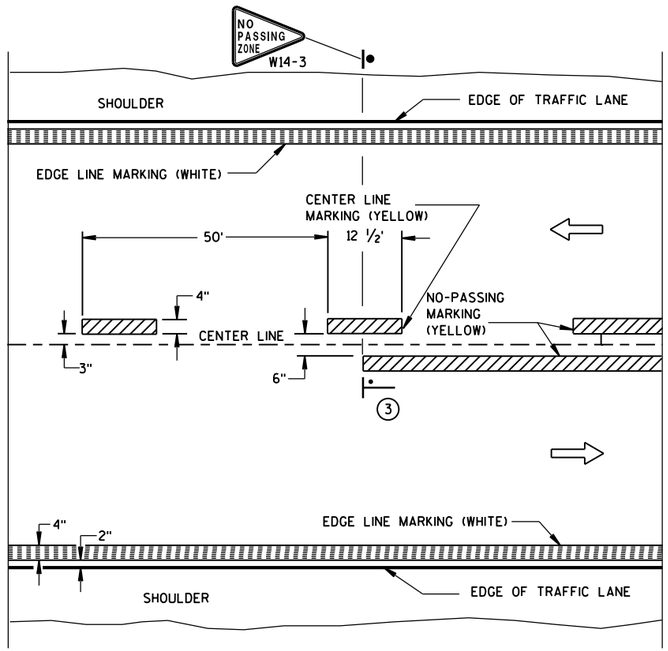
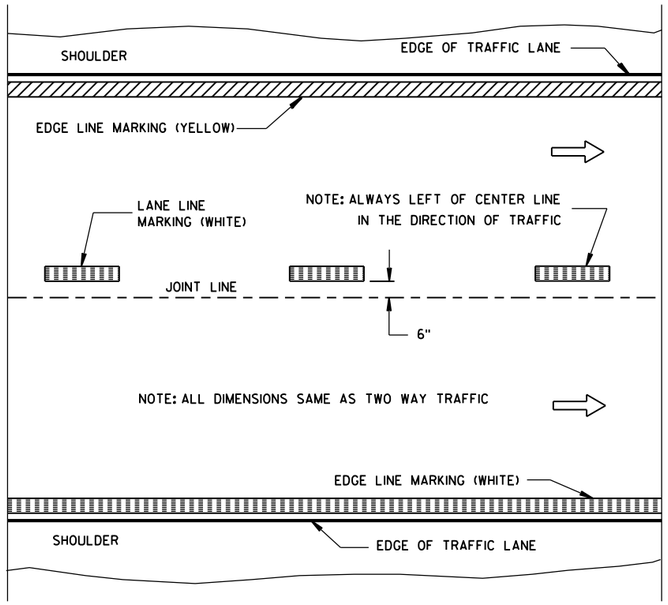
S.D.D. 14 B 42-2c

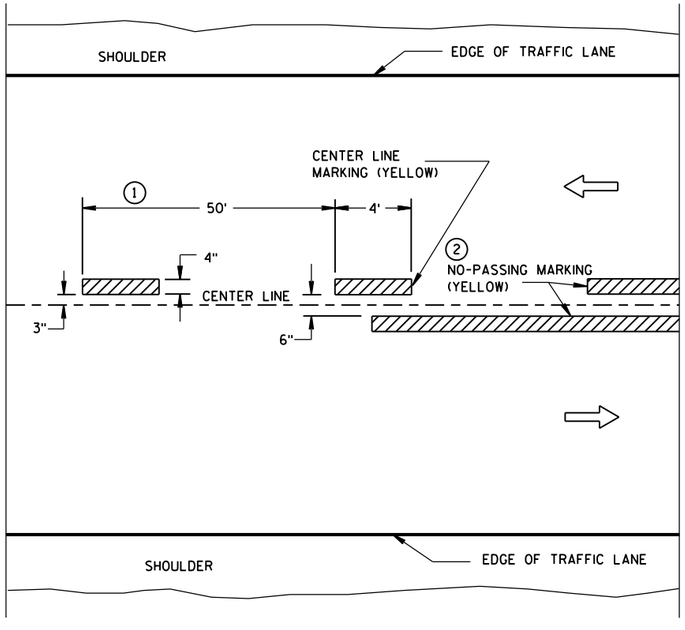


TWO WAY TRAFFIC

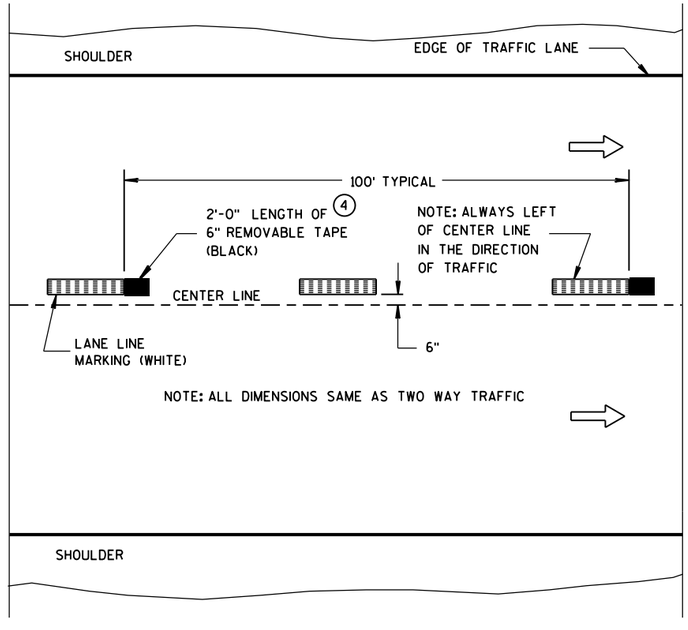


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

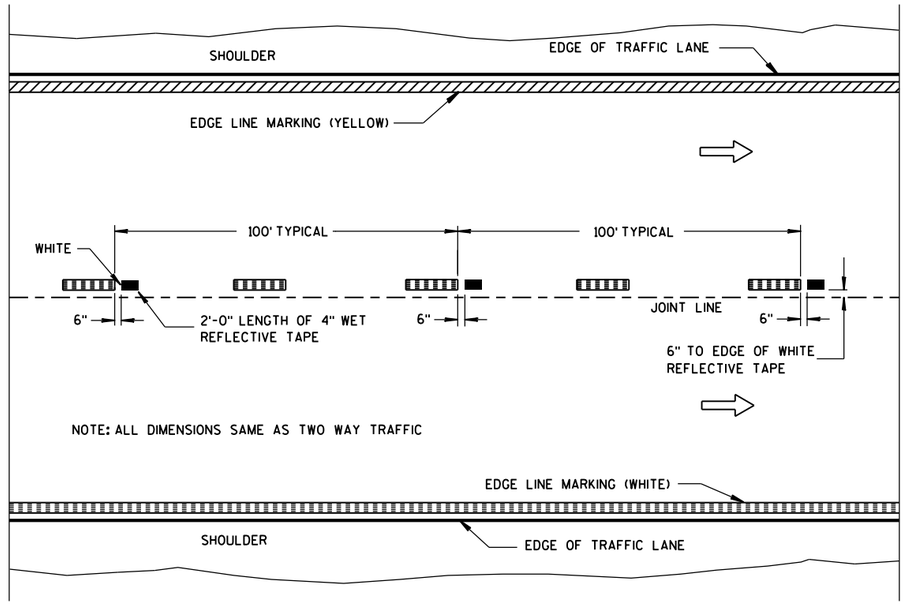
GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

1. HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
2. NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.
3. NO PASSING ZONE MARKINGS ARE PLACED ACCORDING TO "T" MARKINGS. IF EXISTING NO PASSING ZONE W14-3 SIGNS ARE BEYOND 50 FEET IN EITHER DIRECTION, THE SIGNS SHALL BE MOVED TO THE "T" MARKINGS.
4. CONCRETE ONLY.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



WET REFLECTIVE TAPE SUPPLEMENT TO
SPRAYED OR NON WET REFLECTIVE TAPE LANE LINE

LEGEND

"T" MARKING

POST MOUNTED SIGN

PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

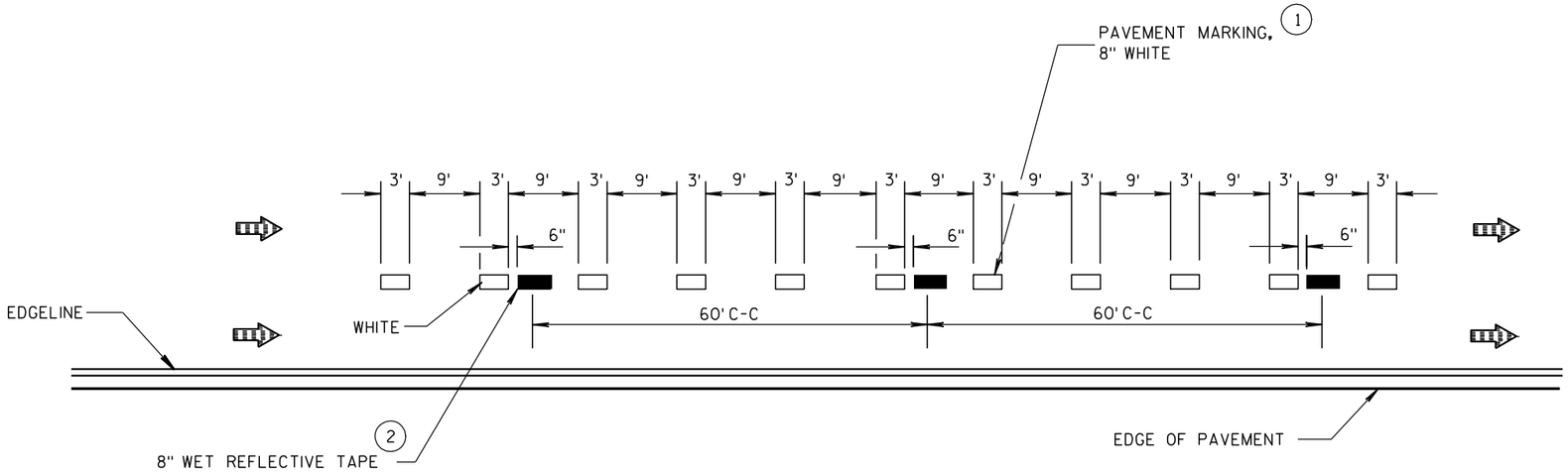
APPROVED
5-13-2013 DATE
/S/ Travis Feltes STATE TRAFFIC E
FHWA

6

S.D.D. 15 C 8-16a

6

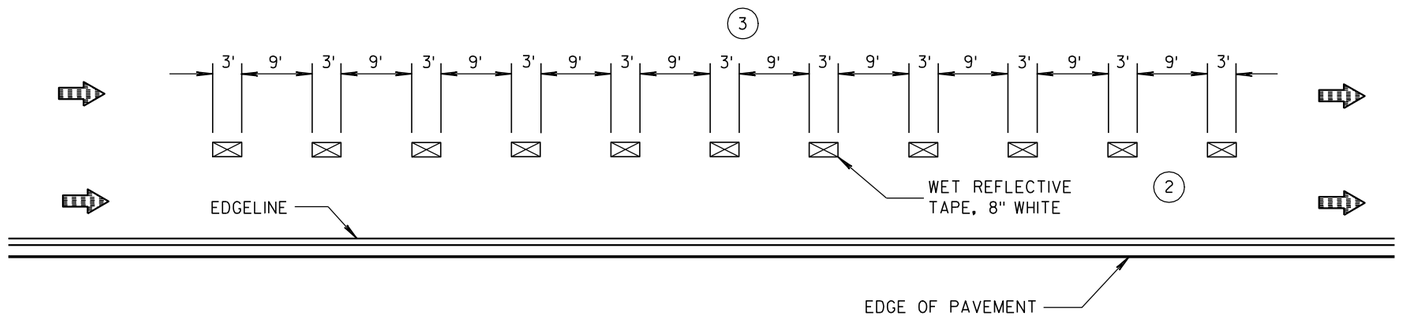
S.D.D. 15 C 8-16a



SPRAYED OR NON WET REFLECTIVE DROP LANE
LINE SUPPLEMENTED BY WET REFLECTIVE TAPE SEGMENT

GENERAL NOTES

1. 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE - GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE. RETRACE EXISTING 4" MARKING WITH 8" MARKING.
2. REPLACE SAME 4" WET REFLECTIVE TAPE WHERE EXISTING 4" TAPE IS IN PLACE.
3. 3' LINE 9' GAP, EXCEPT REPLACE THE EXISTING LINE - GAP PATTERN AND WIDTH OF TAPE WHERE EXISTING TAPE IS IN PLACE.



DROP LANE DETAIL FOR
NEW WET REFLECTIVE TAPE INSTALLATIONS

LEGEND

- 2.0' LENGTH OF WET REFLECTIVE TAPE
- 3.0' LENGTH OF WET REFLECTIVE TAPE
- DROP LANE MARKING SPRAYED OR NON WET REFLECTIVE TAPE
- DIRECTION OF TRAFFIC

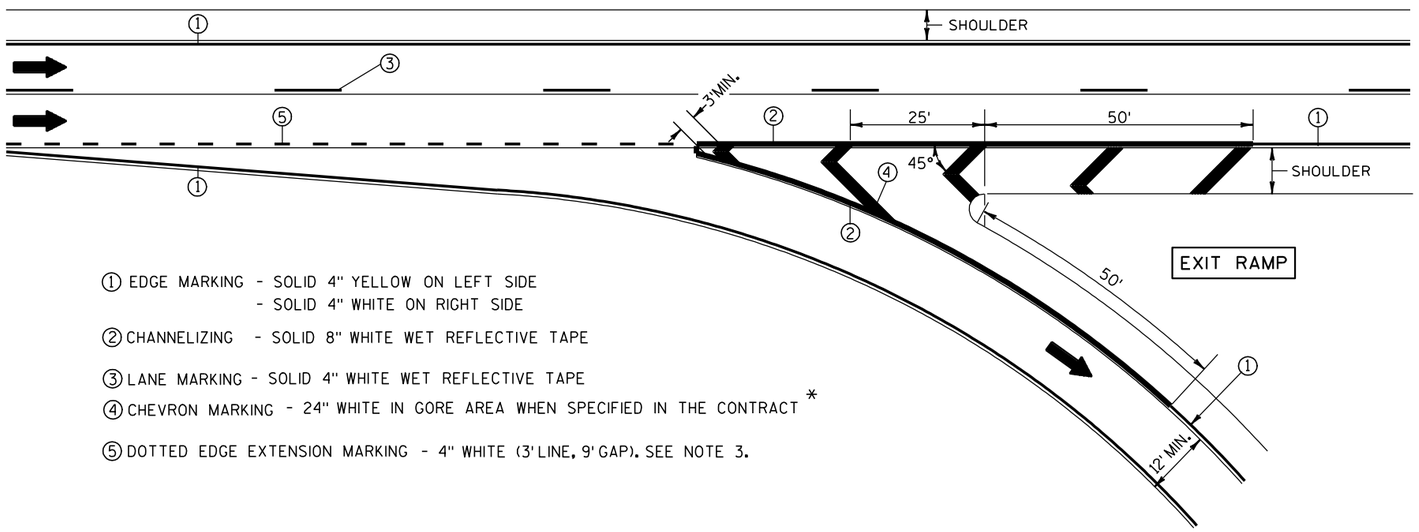
PAVEMENT MARKINGS FOR DROP LANES FREEWAY/EXPRESSWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/13/10 DATE
/S/ Thomas N. Nothnagel
STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 C 10-10



① EDGE MARKING - SOLID 4" YELLOW ON LEFT SIDE
- SOLID 4" WHITE ON RIGHT SIDE

② CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE

③ LANE MARKING - SOLID 4" WHITE WET REFLECTIVE TAPE

④ CHEVRON MARKING - 24" WHITE IN GORE AREA WHEN SPECIFIED IN THE CONTRACT *

⑤ DOTTED EDGE EXTENSION MARKING - 4" WHITE (3' LINE, 9' GAP). SEE NOTE 3.

NOTES:

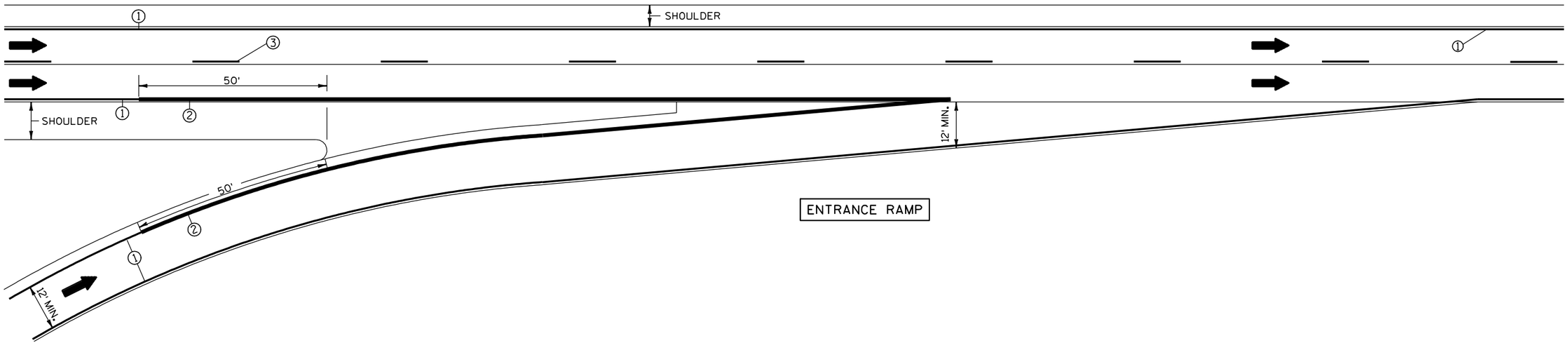
1. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.

2. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.

3. 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.

4. RETRACE EXISTING DIAGONAL MARKINGS.

* REFER TO DESIGN NOTES.



6

S.D.D. 15 C 31-1a

PAVEMENT MARKING
(RAMPS AND GORES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

S.D.D. 15 C 31-1a

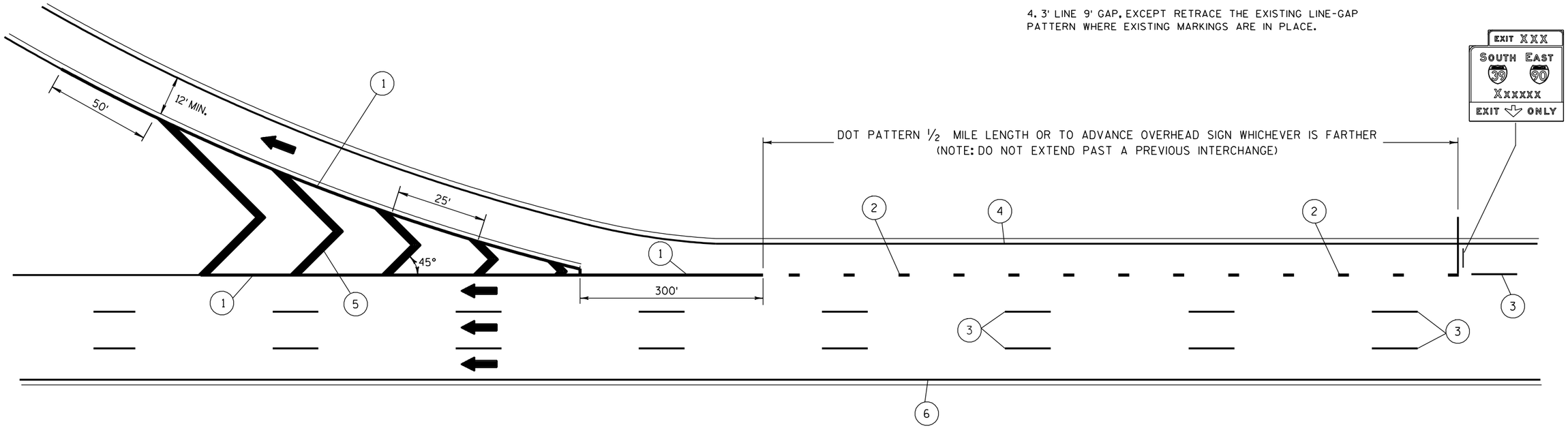
NOTES:

1. SEE STANDARD DETAIL DRAWING 15 C 10 FOR SPRAYED OR NON WET REFLECTIVE LINE SEGMENTS.

2. ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.

3. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.

4. 3' LINE 9' GAP, EXCEPT RETRACE THE EXISTING LINE-GAP PATTERN WHERE EXISTING MARKINGS ARE IN PLACE.



1. CHANNELIZING - SOLID 8" WHITE WET RELECTIVE TAPE
2. 3' LINE, 9' GAP SOLID 8" WHITE WET REFLECTIVE TAPE. SEE NOTE 4.
3. SOLID 4" WHITE WET REFLECTIVE TAPE
4. 4" WHITE EDGELINE
5. CHEVRON MARKING - 24" WHITE WHEN SPECIFIED IN THE CONTRACT
6. 4" YELLOW EDGELINE

LANE DROP
PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

6

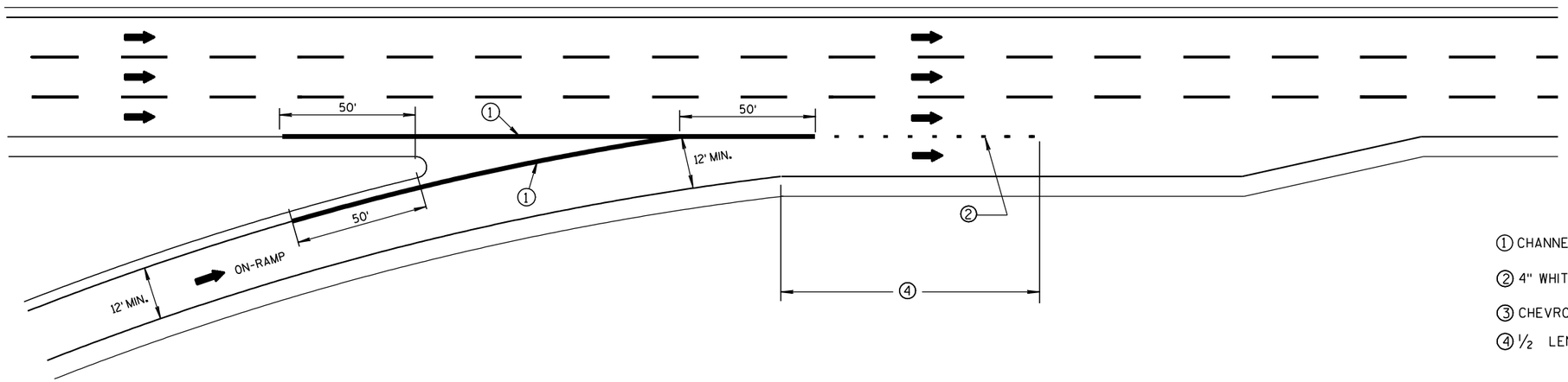
S.D.D. 15 C 31-1b

6

S.D.D. 15 C 31-1b

NOTES:

1. AHEAD ARROWS SHOWN ON THIS MARKING PLAN DESIGNATE TRAFFIC FLOW, AND SHALL NOT BE TAKEN AS PROPOSED PAVEMENT MARKINGS.
2. PLACE WHITE EDGE OF TAPE 6" LEFT FROM JOINT.
3. RETRACE EXISTING DIAGONAL MARKINGS.



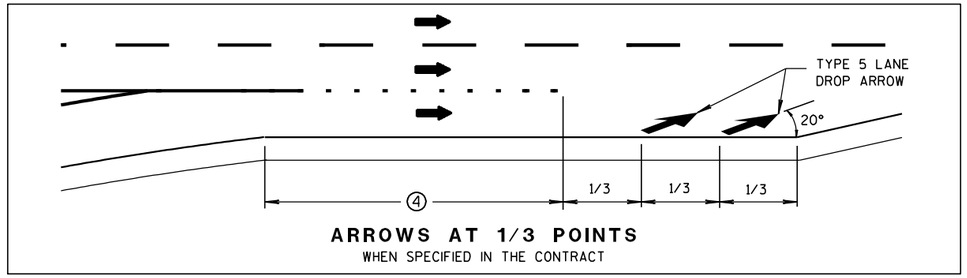
① CHANNELIZING - SOLID 8" WHITE WET REFLECTIVE TAPE IN GORE AREA.

② 4" WHITE (3' LINE, 9' GAP).

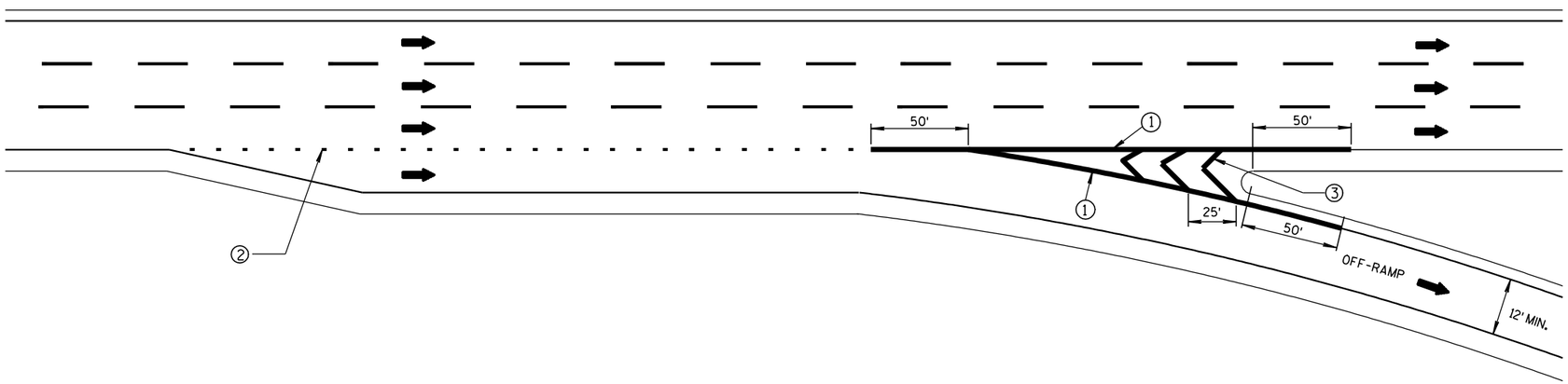
③ CHEVRON MARKING - 24" WHITE WHEN SPECIFIED IN THE CONTRACT.

④ ½ LENGTH OF FULL WIDTH ACCELERATION LANE.

SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL ENTRANCE-RAMP



ARROWS AT 1/3 POINTS
WHEN SPECIFIED IN THE CONTRACT



SERVICE INTERCHANGE PAVEMENT MARKING FOR PARALLEL EXIT-RAMP

PAVEMENT MARKING FOR PARALLEL ON-RAMP AND PARALLEL OFF-RAMP

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
6/23/2011 DATE
/S/ Thomas N. Nothem
STATE TRAFFIC ENGINE 215 SIGN
FHWA

6
S.D.D. 15 C 31-1d

LEGEND

- TYPE III BARRICADE WITH ATTACHED SIGN
- SIGN ON PERMENENT SUPPORT
- POST WITH ATTACHED SIGN IN DRUM
- TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT
- TRAFFIC CONTROL DRUM
- FLASHING ARROW BOARD
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- REMOVING PAVEMENT MARKING
- DIRECTION OF TRAFFIC
- WORK AREA

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIREABLE) DISTANCE TO EXISTING SIGNS.

THIS LANE CLOSURE IS TYPICAL FOR CLOSING RIGHT LANE - REVERSE FOR CLOSING LEFT LANE.

ALL SIGNS ARE 48"×48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER. NO WARNING LIGHTS SHALL BE WORKING ON "COVERED" OR "DOWNED" SIGNS.

CONSIDER GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS FOR A MINIMUM 1500 FEET IN FRONT OF DRUMS.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE FOR LONGER THAN 4 OR MORE DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

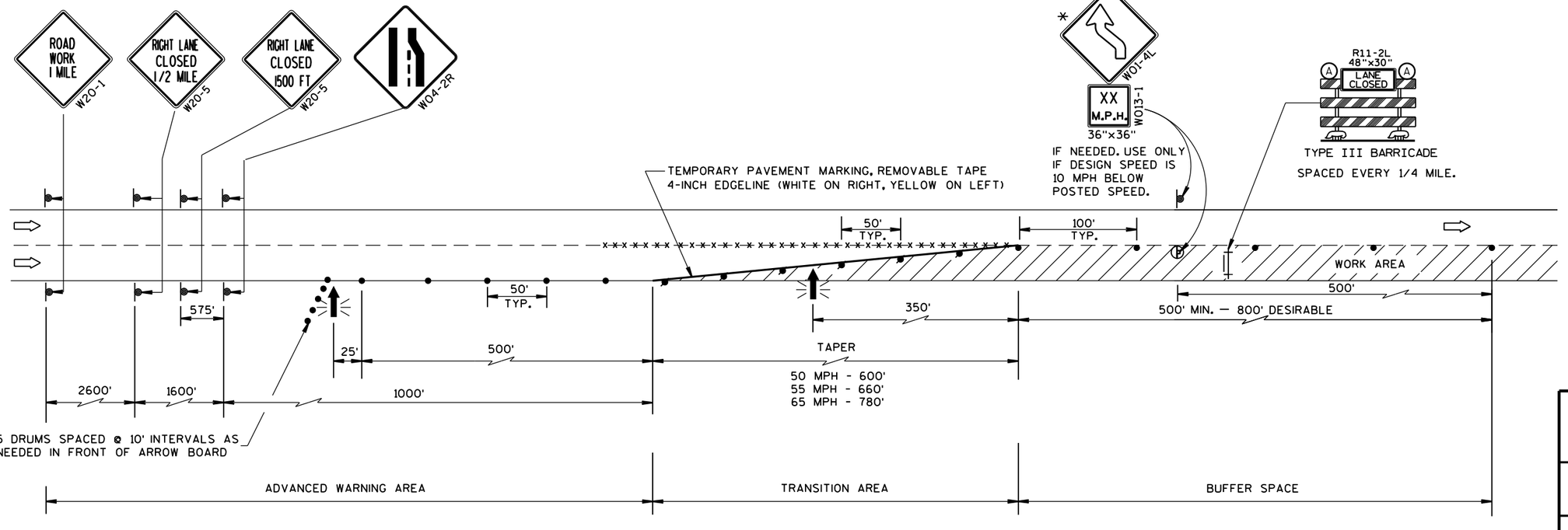
ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP. THE LANE CLOSURE MUST MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE 1/2 THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

* THE LEFT REVERSE CURVE SIGN (WO1-4L) IS ONLY REQUIRED WHEN THIS DETAIL IS USED IN COMBINATION WITH "SINGLE LANE CROSSOVER" DETAIL.

LOCATED 500 FEET IN ADVANCE OF R2-1 SIGN AND 500 FEET BEYOND THE "ROAD WORK 1 MILE" SIGN.

R2-1
48"×60"
(BLACK AND WHITE)

IF THE REGULATORY SPEED HAS BEEN REDUCED, A SPEED LIMIT SIGN SHALL BE LOCATED 1500 FEET BEYOND THE END OF THE ACCELERATION LANE OF EACH ENTRANCE RAMP. THERE SHOULD BE A SPEED LIMIT SIGN INCORPORATED A MINIMUM OF EVERY 2 OR 3 MILES.



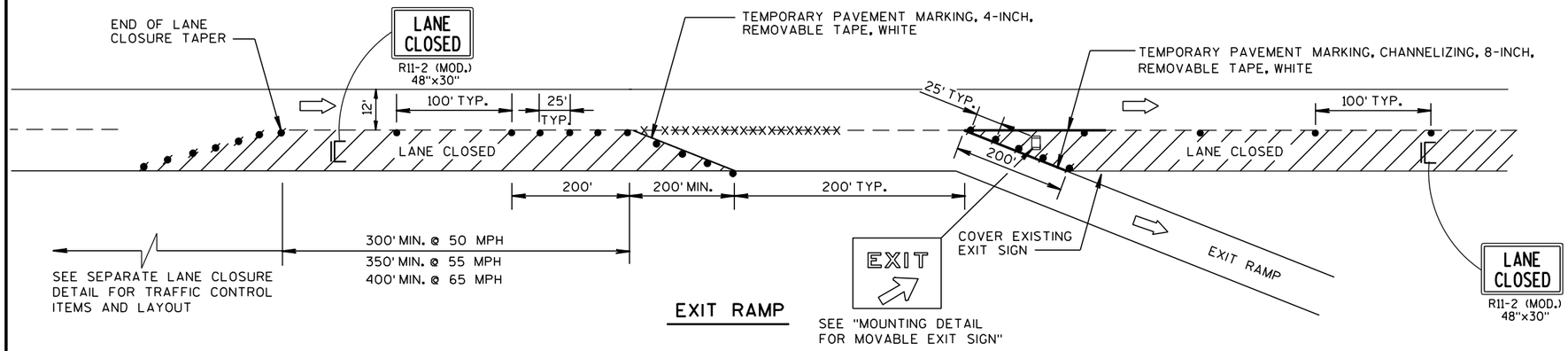
TRAFFIC CONTROL, LANE CLOSURE, SPEEDS GREATER THAN 40 M.P.H.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

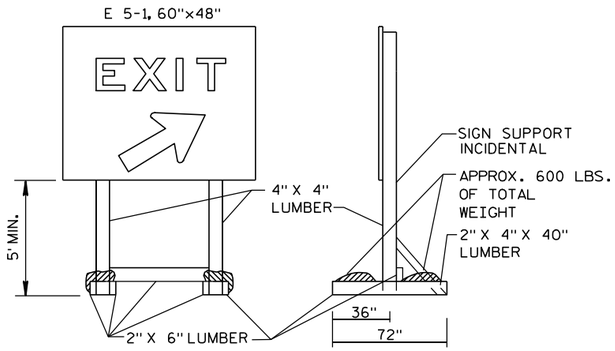
APPROVED
8/2013 — DATE
/S/ Travis Feltes — STATE TRAFFIC ENGINEER
FHWA

6

S.D.D. 15 D 12-3

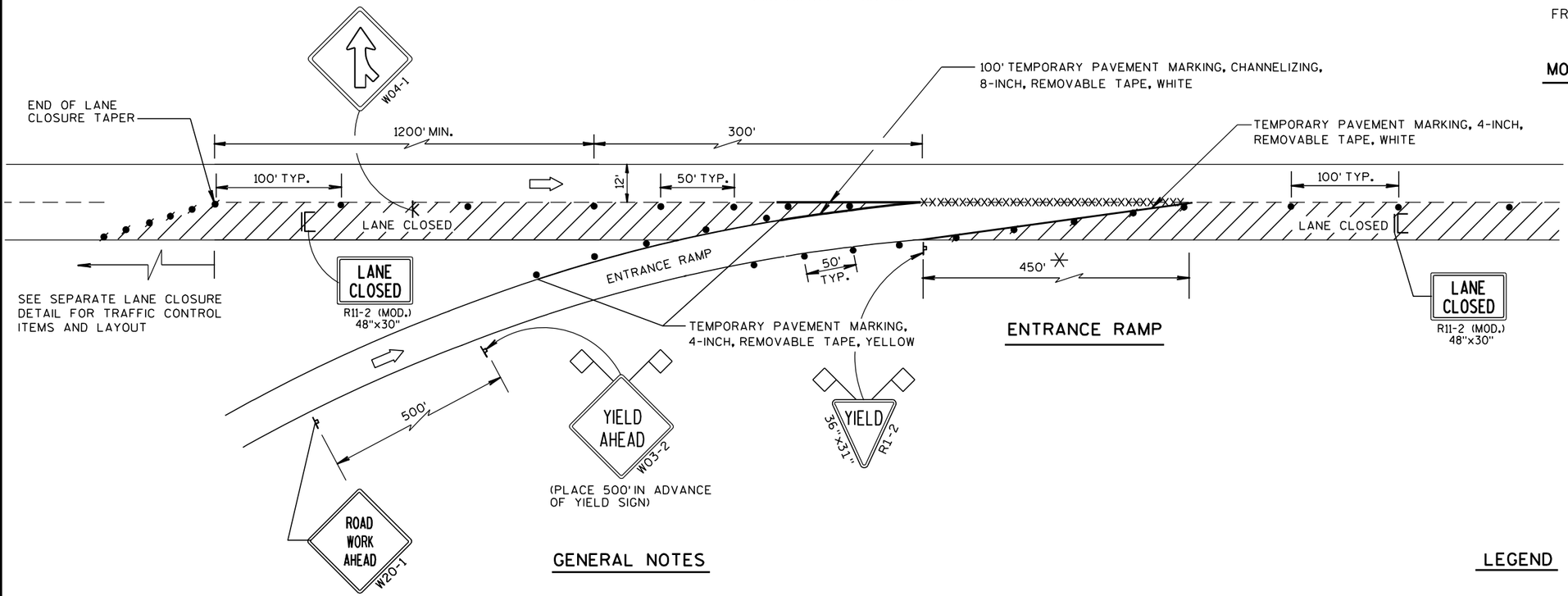


EXIT RAMP



NOTE: ALL LUMBER DIMENSIONS ARE NOMINAL

MOUNTING DETAIL FOR MOVABLE EXIT SIGN



ENTRANCE RAMP

GENERAL NOTES

THE INSTALLATIONS SHOWN ON THIS SHEET ARE TYPICAL EXAMPLES AND ARE NOT INTENDED TO REPRESENT ANY PARTICULAR RAMP. AT SPECIFIC FIELD LOCATIONS, SIMILAR INSTALLATIONS SHALL BE USED AND ADJUSTED TO THE GEOMETRICS OF THE RAMP AS COORDINATED WITH THE ENGINEER.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET, (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

"WO" IS THE SAME AS "W" EXCEPT THE BACKGROUND IS ORANGE.

SEE SEPARATE LANE CLOSURE DETAIL FOR TYPICAL SPACING OF TYPE III BARRICADES AND R11-2 (MOD.) "LANE CLOSED" SIGNS.

YIELD SIGN AND WARNING SIGNS ON ENTRANCE RAMP ARE ALSO APPROPRIATE FOR CLOSURE OF THE MAINLINE LEFT LANE. OMIT THE YIELD SIGN IF MORE THAN ONE LANE REMAINS OPEN ON THE MAINLINE AND THE RAMP TAPER IS AT LEAST AS LONG AS THE NORMAL ENTRANCE RAMP TAPER AT THE SITE.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, OR THAT WILL BE PLACED IN A CLOSED LANE, MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF INDICATED IN MISCELLANEOUS QUANTITIES, SUBSTITUTE FLEXIBLE TUBULAR MARKERS FOR DRUMS IN THE GORE BETWEEN THE ENTRANCE RAMP AND MAINLINE TRAFFIC.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

REMOVE PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF LANE CLOSURE IS TO BE IN PLACE FOR 7 OR MORE CONTINUOUS DAYS AND NIGHTS.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

✳ LENGTH OF OPENING MAY BE REDUCED TO 150 FEET DURING STAGING OF WORK IN IMMEDIATE AREA OF RAMP TAPER.

LEGEND

- POST MOUNTED SIGN
- SIGN ON PORTABLE SUPPORT
- TRAFFIC CONTROL, DRUM
- TRAFFIC CONTROL, DRUM WITH WARNING LIGHT, TYPE C (STEADY-BURN)
- REMOVING PAVEMENT MARKING (SEE GENERAL NOTES)
- TYPE III BARRICADE (8' EQUIVALENT) WITH SIGN
- FLAGS, 16"x16" MIN., ORANGE
- DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL, EXIT AND ENTRANCE RAMP WITHIN LANE CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
5/24/2000
DATE
/S/ Chester J. [illegible]
CHIEF SIGNS AND MARKINGS ENGINEER
FHWA

6
S.D.D. 15 D 15-1

LEGEND

TYPE III BARRICADE

TYPE III BARRICADE WITH ATTACHED SIGN

TRAFFIC CONTROL DRUM

SIGN ON PERMANENT SUPPORT

TYPE "A" WARNING LIGHT (FLASHING)

DIRECTION OF TRAFFIC

GENERAL NOTES

THIS RAMP CLOSURE DETAIL IS TYPICAL FOR CLOSING A RIGHT SIDE EXIT RAMP. FOR A LEFT SIDE EXIT RAMP, REVERSE THE TRAFFIC CONTROL.

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

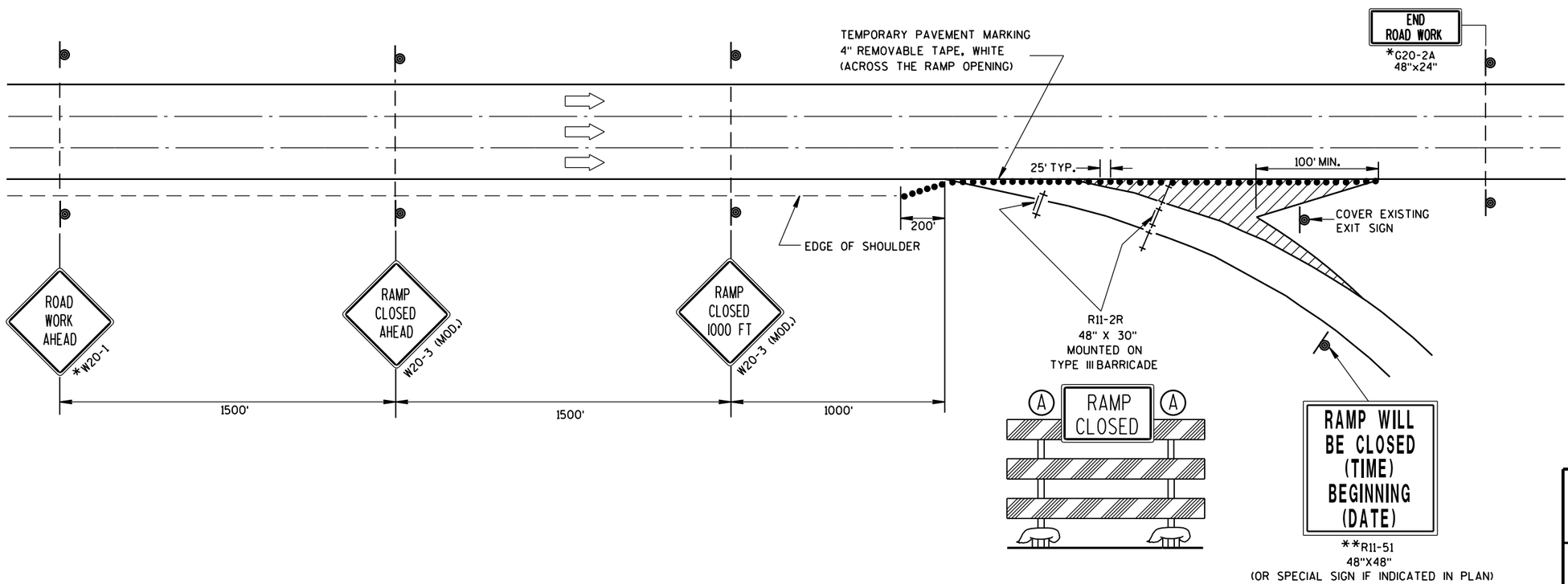
PLACE TEMPORARY PAVEMENT MARKING, REMOVABLE TAPE IF RAMP CLOSURE IS TO BE IN PLACE FOR 4 OR MORE CONTINUOUS DAYS AND NIGHTS.

WORK AREAS WITH A DROPOFF ALONG THE EDGE OF AN OPEN TRAVEL LANE SHALL BE LEVELED WITH TEMPORARY FILL WHEN THE CONTRACTOR IS NOT WORKING ADJACENT TO THE TRAVEL LANE. DRUMS SHALL BE PLACED ENTIRELY OUTSIDE THE TRAVEL LANE, ALLOWING THE FULL UNOBSTRUCTED LANE WIDTH, WHEN THE WORK IS NOT IN PROGRESS.

WHERE MEDIAN BARRIER IS IN PLACE, SIGNS SHOWN ON LEFT SIDE OF ROADWAY MAY BE OMITTED FOR RIGHT SIDE RAMP CLOSURES OF LESS THAN 12-HOUR DURATION.

*W20-1 AND G20-2A SIGNS ARE NOT REQUIRED IF THE RAMP CLOSURE IS WITHIN A LARGER WORK ZONE WHERE THESE SIGNS ARE ALREADY PRESENT.

** PLACE "RAMP WILL BE CLOSED" SIGN 10 CALENDAR DAYS PRIOR TO CLOSURE OR AS DIRECTED BY THE ENGINEER. SEE WISCONSIN STANDARD SIGN PLATES FOR SIGN LAYOUT.



TRAFFIC CONTROL,
EXIT RAMP CLOSURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
8/2013
DATE

/S/ Travis Feltes
STATE TRAFFIC ENGINEER

DESIGN

FHWA

6

S.D.D. 15 D 16-2

6

S.D.D. 15 D 16-2

LEGEND

- TRAFFIC CONTROL DRUM
- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- FLASHING ARROW BOARD
- WORK AREA

GENERAL NOTES

THIS DETAIL IS TYPICAL FOR CLOSING THE RIGHT SHOULDER. FOR CLOSING THE LEFT SHOULDER, REVERSE THE TRAFFIC CONTROL.

THIS DETAIL MAY BE USED FOR DIVIDED ROADWAYS WITH ANY NUMBER OF TRAVEL LANES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE FHWA'S MANUAL OF STANDARD HIGHWAY SIGNS OR THE WISCONSIN STANDARD SIGN PLATES.

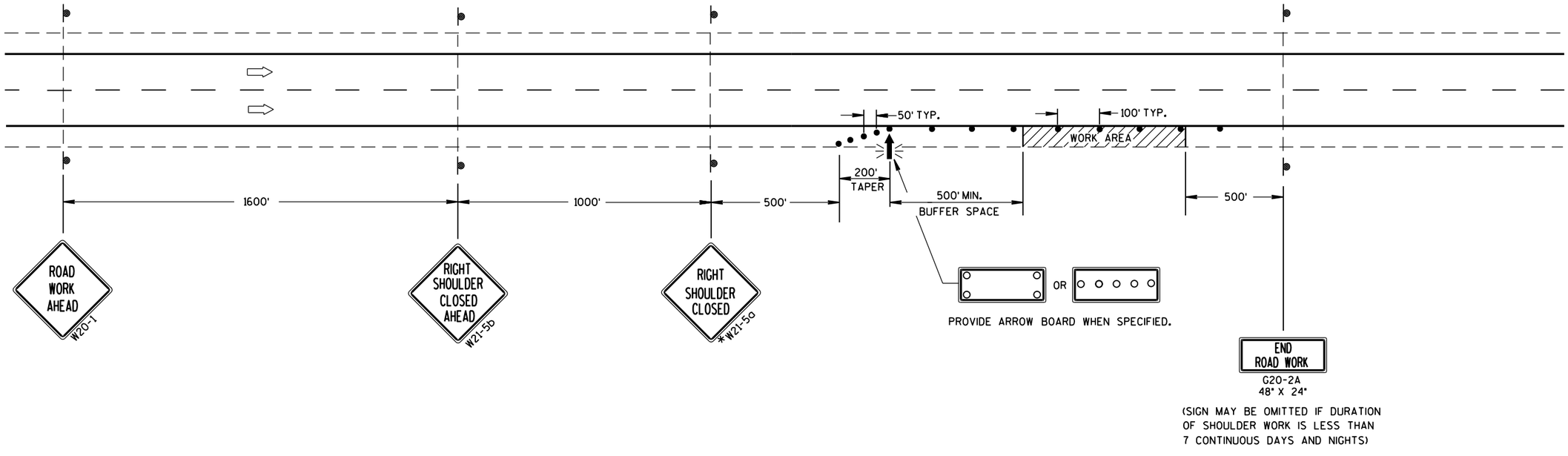
SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY THE ENGINEER.

CHANNELIZING DEVICES PLACED ADJACENT TO THE WORK AREA SHALL BE PULLED BACK FROM THE TRAVEL LANE WHEN WORK IS NOT IN PROGRESS.

WHEN A RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

*FOR SHORT DURATION SHOULDER WORK OF LESS THAN ONE HOUR, THE W21-5a SIGN MAY BE OMITTED.



TRAFFIC CONTROL SHOULDER CLOSURE ON DIVIDED ROADWAY, SPEEDS GREATER THAN 40 MPH

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 — DATE

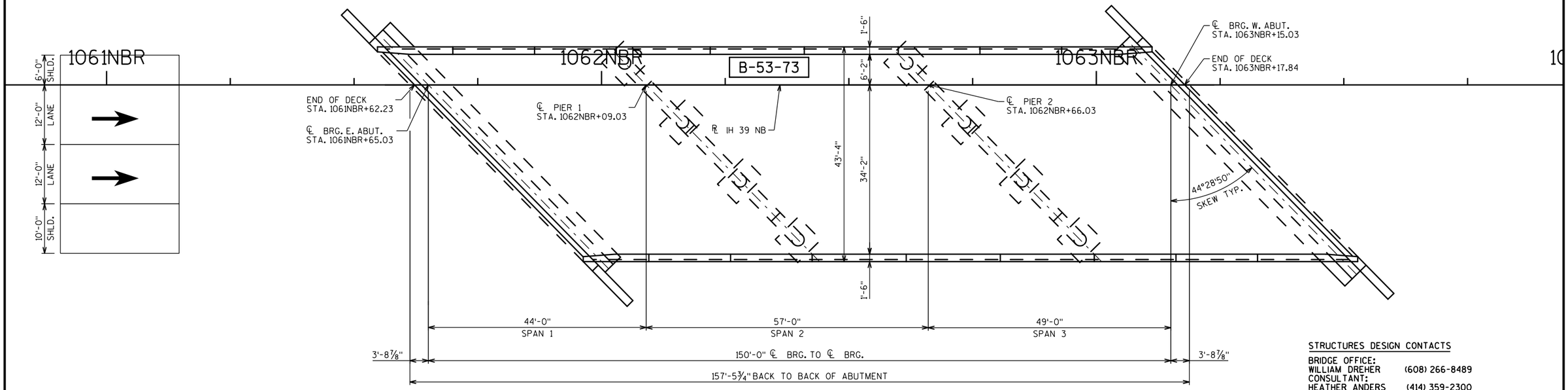
/S/ Travis Feltes — STATE TRAFFIC ENGINEER

FHWA

6

S.D.D. 15 D 27-2

STATE PROJECT NUMBER
1001-01-62



PLAN

(3 - SPAN STEEL GIRDERS)

LEGEND

→ TRAFFIC DIRECTION

TRAFFIC DATA

IH 39 NB/IH 90 WB

A.D.T. = 53,860 (2031)
R.D.S. = 70 MPH

NEWVILLE RD

A.D.T. = 700 (2010)
R.D.S. = 60 M.P.H.

DESIGN DATA

LIVE LOAD:

DESIGN RATING: HS 20
INVENTORY RATING: HS 19
OPERATING RATING: HS 37
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 190 KIPS

LIST OF DRAWINGS

1. GENERAL PLAN
2. TYPICAL SECTION AND QUANTITIES

WISCONSIN
HEATHER D. ANDERS, P.E.
33441-006
CEDARBURG, WI
PROFESSIONAL ENGINEER
11-27-2013

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
HEATHER ANDERS (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 William C. Dreher KAR 01/14/14
CHIEF STRUCTURES DESIGN ENGINEER DATE

STRUCTURE B-53-73

IH 39 NB/IH 90 WB OVER NEWVILLE RD.

COUNTY	TOWN/~~CITY/VILLAGE~~
ROCK	MILTON

DESIGN SPEC. REHABILITATION N/A

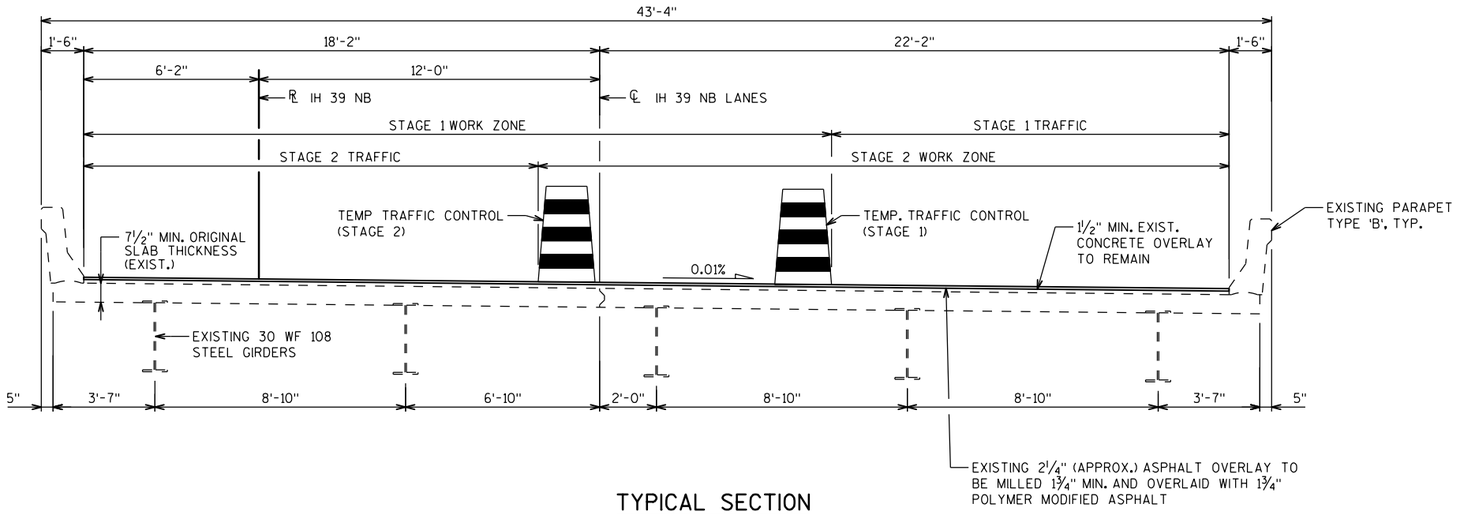
DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
HDA	JWC	SR/EAJ	JWC/HDA

GENERAL PLAN

SHEET 1 OF 2

FILE NAME : \\madw00\ingrproj\56199\b1\B-53-73\cds\080101_gp.dgn PLOT DATE : 11/27/2013 PLOT BY : HAnders PLOT NAME : $FILE$ PLOT SCALE : 20:1

STATE PROJECT NUMBER
1001-01-62



TYPICAL SECTION

(LOOKING WEST)

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.

CONTACT THE BUREAU OF STRUCTURES DESIGN SECTION BEFORE PLACEMENT OF THE OVERLAY IF THE AVERAGE THICKNESS OF THE NEW OVERLAY WILL EXCEED ½" MORE THAN THE AVERAGE OVERLAY THICKNESS SHOWN ON THIS PLAN.

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "POLYMER MODIFIED ASPHALT OVERLAY".

STAGING NOTES

REPAIRS AND/OR OVERLAY PLACEMENT MUST CONFORM TO TRAFFIC CONTROL RESTRICTIONS NOTED ELSEWHERE IN THE CONTRACT DOCUMENTS.

BRIDGE PLANS DO NOT CORRESPOND TO TRAFFIC CONTROL STAGES. REFER TO TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.

SUBMIT A TRAFFIC CONTROL PLAN TO FACILITATE THE REQUIRED BRIDGE WORK TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH THE REQUIRED BRIDGE WORK. INCIDENTAL TO BID ITEM "POLYMER MODIFIED ASPHALT OVERLAY".

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
509.9010.S.01	REMOVING ASPHALTIC CONCRETE DECK OVERLAY	SY	697
SPV.0195.01	POLYMER MODIFIED ASPHALT OVERLAY	TON	77

ALL ITEMS ARE CATEGORY 0020

8

8

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-73

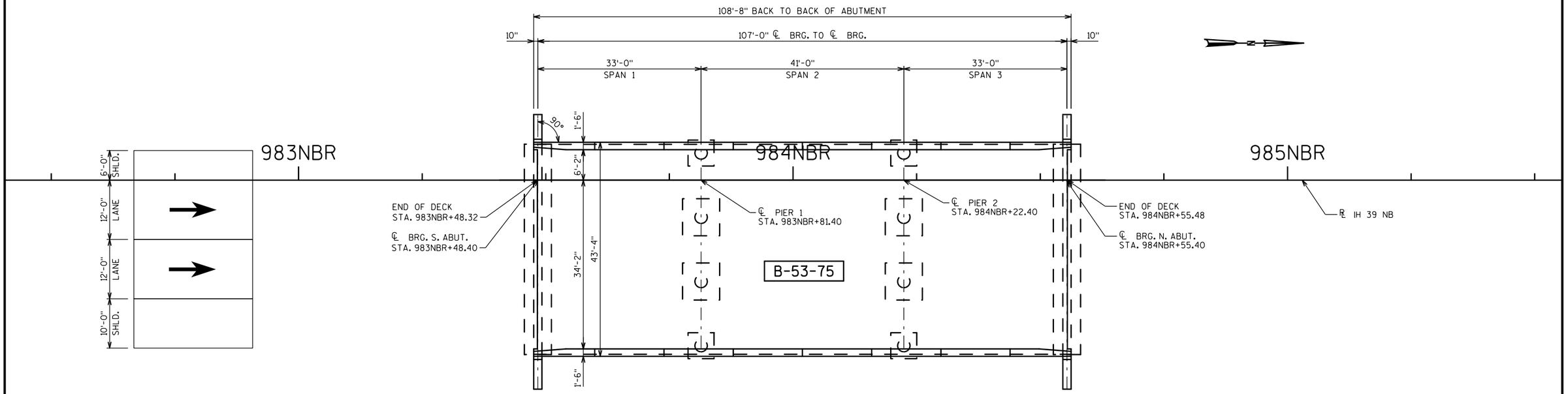
DRAWN BY KTM/SR | PLANS CK'D. HDA/JWC

TYPICAL SECTION AND QUANTITIES

SHEET 2 OF 2

FILE NAME : \\madw00\ingrproj\56199\b1\B-53-73\cds\080102_ts.dgn PLOT DATE : 11/27/2013 PLOT BY : HAnders PLOT NAME : $FILE$ PLOT SCALE : 5.33333:1

STATE PROJECT NUMBER
1001-01-62



PLAN

(3 - SPAN HAUNCHED CONCRETE SLAB)

LEGEND

→ TRAFFIC DIRECTION

TRAFFIC DATA

IH 39 NB/ IH 90 WB

A.D.T. = 53,860 (2031)
R.D.S. = 70 M.P.H.

CTH M

A.D.T. = 1,900 (2010)
R.D.S. = 60 M.P.H.

DESIGN DATA

LIVE LOAD:

DESIGN RATING: HS 20
INVENTORY RATING: HS 18
OPERATING RATING: HS 31
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 250 KIPS

LIST OF DRAWINGS

1. GENERAL PLAN
2. TYPICAL SECTION AND QUANTITIES

WISCONSIN
HEATHER D. ANDERS, P.E.
33441-006
CEDARBURG, WI
PROFESSIONAL ENGINEER
11-27-2013

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
HEATHER ANDERS (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 William C. Dreher KAR — CHIEF STRUCTURES DESIGN ENGINEER — 12/10/13 DATE

STRUCTURE B-53-75

IH 39 NB / IH 90 WB OVER C.T.H. M

COUNTY	TOWN ~~CITY/VILLAGE~~
ROCK	MILTON

DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
HDA	JWC	SR/EAJ	HDA/JWC

GENERAL PLAN

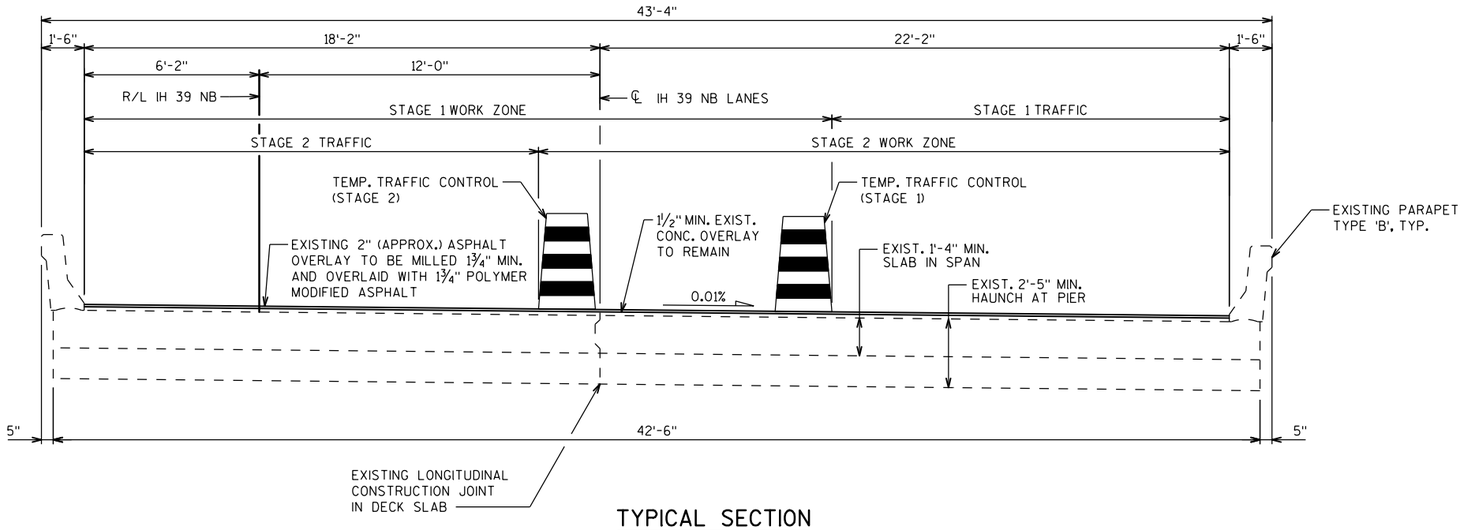
SHEET 1 OF 2

8

8

FILE NAME : \\madw00\ingrproj\56199\b1\B-53-75\cds\080101_gp.dgn
PLOT DATE : 11/27/2013
PLOT BY : HAnders
PLOT NAME : $FILE$
PLOT SCALE : 20:1

STATE PROJECT NUMBER
1001-01-62



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.

CONTACT THE BUREAU OF STRUCTURES DESIGN SECTION BEFORE PLACEMENT OF THE OVERLAY IF THE AVERAGE THICKNESS OF THE NEW OVERLAY WILL EXCEED ½" MORE THAN THE AVERAGE OVERLAY THICKNESS SHOWN ON THIS PLAN.

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM " POLYMER MODIFIED ASPHALT OVERLAY".

STAGING NOTES

REPAIRS AND/OR OVERLAY PLACEMENT MUST CONFORM TO TRAFFIC CONTROL RESTRICTIONS NOTED ELSEWHERE IN THE CONTRACT DOCUMENTS.

BRIDGE PLANS DO NOT CORRESPOND TO TRAFFIC CONTROL STAGES. REFER TO TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.

SUBMIT A TRAFFIC CONTROL PLAN TO FACILITATE THE REQUIRED BRIDGE WORK TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH THE REQUIRED BRIDGE WORK. INCIDENTAL TO BID ITEM "POLYMER MODIFIED ASPHALT OVERLAY".

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
509.9010.S.02	REMOVING ASPHALTIC CONCRETE DECK OVERLAY	SY	480
SPV.0195.01	POLYMER MODIFIED ASPHALT OVERLAY	TON	53

ALL ITEMS ARE CATEGORY 0030

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-75

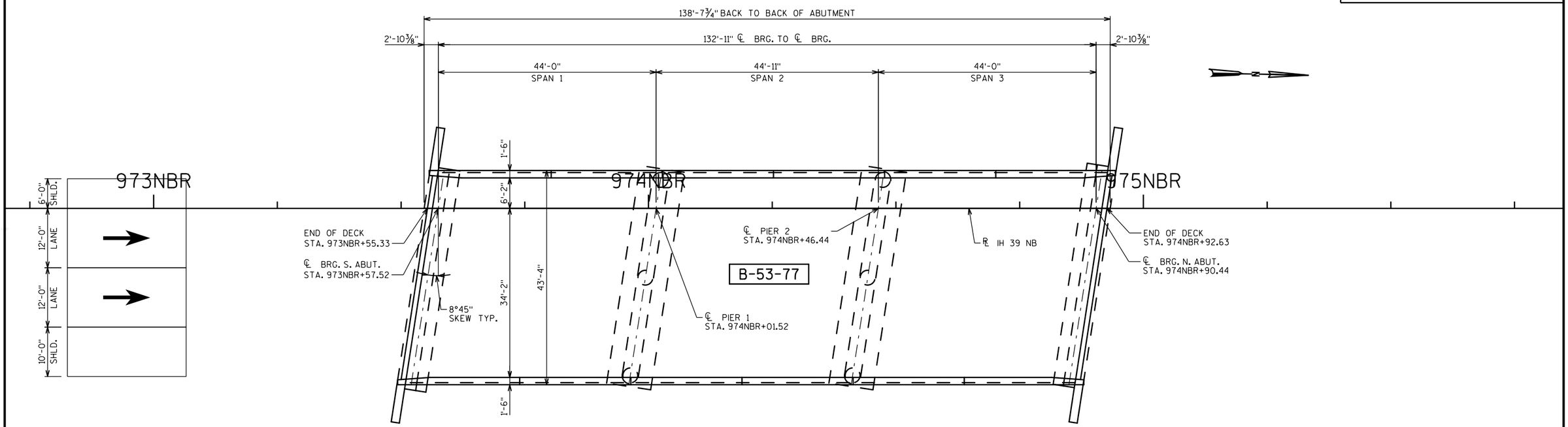
DRAWN BY KTM/SR | PLANS CK'D. HDA/JWC

TYPICAL SECTION AND QUANTITIES

SHEET 2 OF 2

FILE NAME : \\madw00\ingrproj\56199\b1\B-53-75\cds\080102_ts.dgn PLOT DATE : 11/27/2013 PLOT BY : HAnders PLOT NAME : $FILE$ PLOT SCALE : 5.33333:1

STATE PROJECT NUMBER
1001-01-62



PLAN

(3 - SPAN 36" PRESTRESSED GIRDERS)

LEGEND

→ TRAFFIC DIRECTION

8

TRAFFIC DATA

IH 39 NB / IH 90 WB

A.D.T. = 53,860 (2031)
R.D.S. = 70 MPH

DESIGN DATA

LIVE LOAD:

DESIGN RATING: HS 20
INVENTORY RATING: HS 17
OPERATING RATING: HS 29
WISCONSIN STANDARD PERMIT VEHICLE (WIS-SPV) = 190 KIPS

ULTIMATE STRESSES FOR MATERIALS:

POLYESTER POLYMER CONCRETE MASONRY ..... f'c = 1,000 psi (8 HRS)
5,000 psi (24 HRS)

LIST OF DRAWINGS

1. GENERAL PLAN
2. TYPICAL SECTION AND QUANTITIES

WISCONSIN
HEATHER D. ANDERS, P.E.
33441-006
CEDARBURG, WI
PROFESSIONAL ENGINEER
12·2·2013

STRUCTURES DESIGN CONTACTS

BRIDGE OFFICE:
WILLIAM DREHER (608) 266-8489
CONSULTANT:
HEATHER ANDERS (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 William C. Dreher KAR 12/20/13
CHIEF STRUCTURES DESIGN ENGINEER DATE

8

STRUCTURE B-53-77

IH 39 NB / IH 90 WB OVER WSOR RR

COUNTY	TOWN ~~CITY/VILLAGE~~
ROCK	MILTON

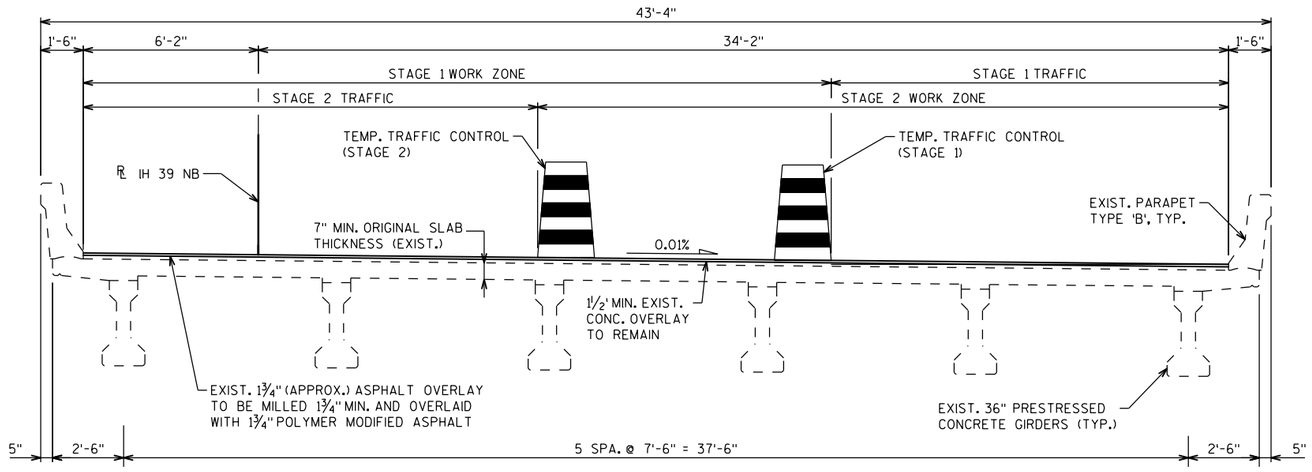
DESIGN SPEC. REHABILITATION N/A

DESIGNED BY	DESIGN CK'D.	DRAWN BY	PLANS CK'D.
HDA	JWC	SR/EAJ	HDA/JWC

GENERAL PLAN

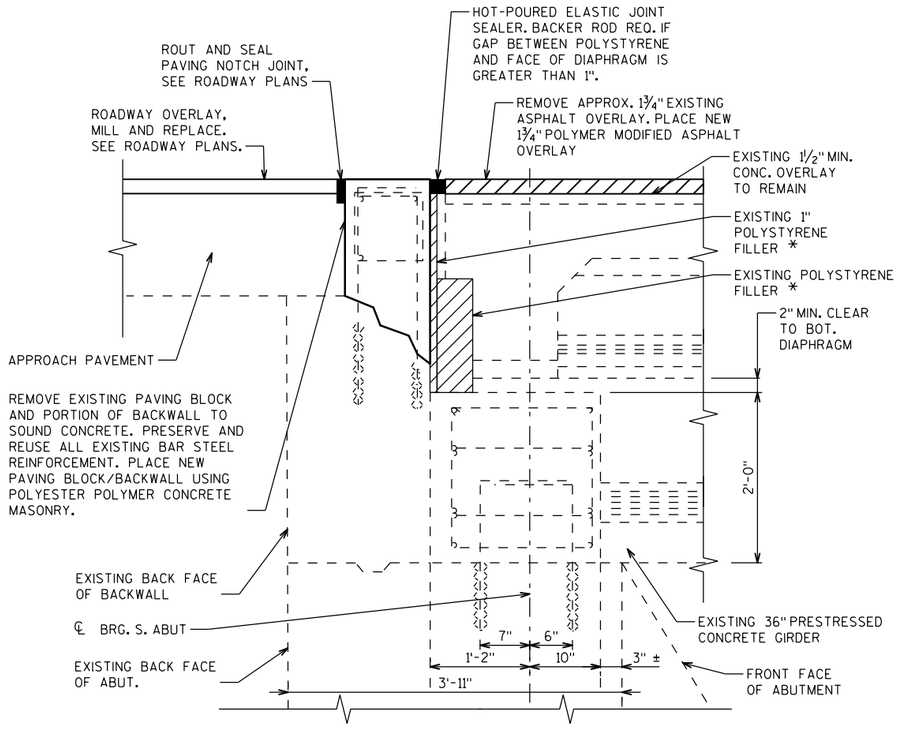
FILE NAME : \\madw00\ingrproj\56199\b1\B-53-77\cds\080101_gp.dgn PLOT DATE : 12/2/2013 PLOT BY : HAnders PLOT NAME : $FILE$ PLOT SCALE : 20:1

STATE PROJECT NUMBER
1001-01-62



TYPICAL SECTION

(LOOKING NORTH)



NOTES:

* REPLACE POLYSTYRENE FILLER AS NECESSARY TO COMPLETE NEW WORK. INCIDENTAL TO BID ITEM "POLYESTER POLYMER CONCRETE MASONRY"

SOUTH ABUTMENT PAVING BLOCK AND BACKWALL REPAIR

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.

"REMOVING OLD STRUCTURE STA. 974NBR+25" INCLUDES REMOVAL OF SOUTH ABUTMENT PAVING BLOCK AND PORTION OF BACKWALL. BACKWALL REMOVAL TO SOUND CONCRETE AND AS DIRECTED BY THE ENGINEER. PRESERVE AND RE-USE EXISTING BAR STEEL REINFORCEMENT.

UTILIZE EXISTING BAR STEEL REINFORCEMENT WHERE SHOWN AND EXTEND 24 BAR DIAMETERS INTO NEW WORK, UNLESS SPECIFIED OTHERWISE.

BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2" CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

CONTACT THE BUREAU OF STRUCTURES DESIGN SECTION BEFORE PLACEMENT OF THE OVERLAY IF THE AVERAGE THICKNESS OF THE NEW OVERLAY WILL EXCEED ½" MORE THAN THE AVERAGE OVERLAY THICKNESS SHOWN ON THIS PLAN.

ANY EXCAVATION REQUIRED TO COMPLETE THE OVERLAY OR PAVING BLOCK AT THE ABUTMENTS IS TO BE CONSIDERED INCIDENTAL TO THE BID ITEM "POLYMER MODIFIED ASPHALT OVERLAY".

BEVEL EDGES OF EXPOSED CONCRETE TO MATCH EXISTING BEVELS UNLESS NOTED OTHERWISE.

DEBRIS CONTAINMENT REQUIRED OVER THE RAILROAD. BID ITEM "DEBRIS CONTAINMENT STRUCTURE B-53-77" INCLUDED WITH ROADWAY PAY ITEMS UNDER CATEGORY 0010.

STAGING NOTES

REPAIRS AND/OR OVERLAY PLACEMENT MUST CONFORM TO TRAFFIC CONTROL RESTRICTIONS NOTED ELSEWHERE IN THE CONTRACT DOCUMENTS.

BRIDGE PLANS DO NOT CORRESPOND TO TRAFFIC CONTROL STAGES. REFER TO TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.

SUBMIT A TRAFFIC CONTROL PLAN TO FACILITATE THE REQUIRED BRIDGE WORK TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE PROCEEDING WITH THE REQUIRED BRIDGE WORK. INCIDENTAL TO BID ITEM "POLYMER MODIFIED ASPHALT OVERLAY".

TOTAL ESTIMATED QUANTITIES

ITEM NO.	BID ITEM	UNIT	TOTAL
203.0200	REMOVING OLD STRUCTURE STA. 974NBR+25	LS	1
509.9010.S.03	REMOVING ASPHALTIC CONCRETE DECK OVERLAY	SY	600
SPV.0025.01	POLYESTER POLYMER CONCRETE MASONRY	CF	68
SPV.0195.01	POLYMER MODIFIED ASPHALT OVERLAY	TON	66
	NON-BID ITEMS		
	PREFORMED JOINT FILLER	SIZE	1"

ALL ITEMS ARE CATEGORY 0040

NO.	DATE	REVISION	BY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

STRUCTURE B-53-77

DRAWN BY	KTM/SR	PLANS CK'D.	HDA/JWC

TYPICAL SECTION AND QUANTITIES

SHEET 2 OF 2

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov