LAX

JANUARY 2018

PROJECT ID: 5991-02-54, 5991-02-55

WITH: 5991-02-57

COUNTY: LA CROSSE

ORDER OF SHEETS

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

TOTAL SHEETS = 100

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5991-02-54	WISC 2018042	1
5991-02-55	WISC 2018043	1

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CITY OF ONALASKA, BRAUND STREET

STH 16 TO PH

LOCAL STREET

LA CROSSE COUNTY

STATE PROJECT NUMBER
5991-02-54

CITY OF ONALASKA, PH

BRAUND ST TO THEATER RD

LOCAL STREET

LA CROSSE COUNTY

STATE PROJECT NUMBER
5991-02-55

09

N

DESIGN DESIGNATION

		BRAUND	PH
A.A.D.T. (2018)	=	4000	5000
A.A.D.T. (2038)	=	4700	5800
D.H.V.	=	665	865
D.D.	=	59/41	59/41
T.	=	2.5%	2.8%
DESIGN SPEED	=	30 MPH	30 MPH
ESALS	=	408,800	408,800

CONVENTIONAL SYMBOLS

PLAN

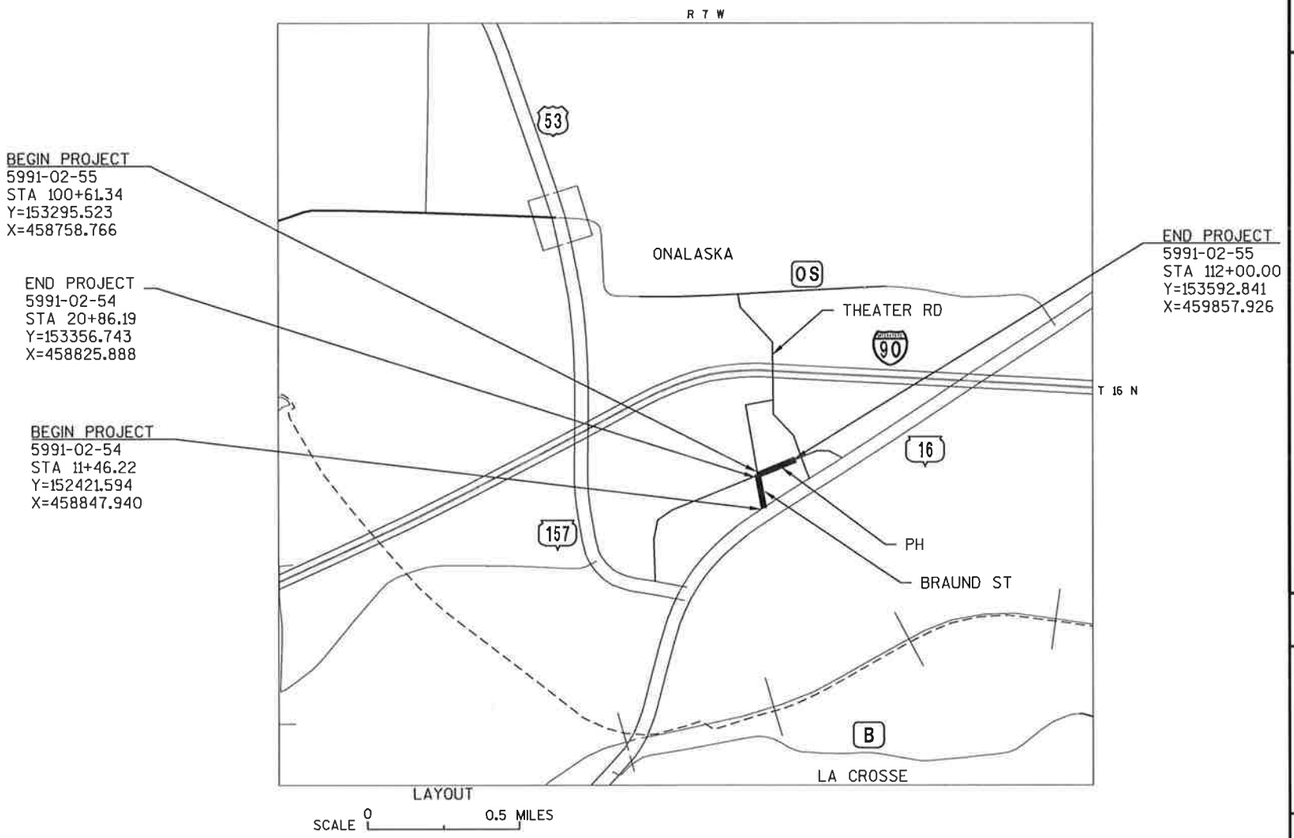
- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- TEMPORARY LIMITED EASEMENT
- SLOPE INTERCEPT
- REFERENCE LINE (300'EB')
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED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

PROFILE

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

UTILITIES

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



BEGIN PROJECT
5991-02-55
STA 100+61.34
Y=153295.523
X=458758.766

END PROJECT
5991-02-54
STA 20+86.19
Y=153356.743
X=458825.888

BEGIN PROJECT
5991-02-54
STA 11+46.22
Y=152421.594
X=458847.940

END PROJECT
5991-02-55
STA 112+00.00
Y=153592.841
X=459857.926

TOTAL NET LENGTH OF CENTERLINE = 0.394 MI

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

ACCEPTED FOR
CITY OF ONALASKA

7-17-17 C. Jahnke
DATE CITY ENGINEER

ORIGINAL PLANS PREPARED BY

SEH

WISCONSIN
JEREMY J TOMESH
E-398986
LA CROSSE
WI
PROFESSIONAL ENGINEER

7/14/2017 Jeremy J. Tomesh
(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor SEH
Designer SEH

Management Consultant KL Engineering

APPROVED FOR THE DEPARTMENT
DATE: 7/31/17
Management Consultant Signature

E

FILE NAME : \\SEHLX1\PROJECTS\K0\O\ONALA\133149\C3D\SHEETSPLAN\BRAUND\010101 TI.DWG
LAYOUT NAME - 010101 TI - TITLE SHEET 1 IN EQ 2 MI

PLOT DATE : 1/3/2017 3:36 PM PLOT BY : TOREY LEONARD PLOT NAME :

WISDOT/CADDS SHEET 10

GENERAL NOTES

1. NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
2. 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.
3. CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED TO A 4-INCH TYPICAL DEPTH.
4. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
5. THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
6. ASPHALTIC AND CONCRETE SURFACES SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
7. DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND MULCHED.
8. STATIONING, DISTANCES AND OFFSETS FOR SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND THE FINAL LOCATIONS OF SIGNS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
9. A CONVERSION FACTOR OF 2.0 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 1 1/4-INCH.
10. A CONVERSION FACTOR OF 112 LBS/IN/SY IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.
11. MAINTAIN EXISTING GUTTER FLOW AS INDICATED BY THE GRADES AND FLOW ARROWS SHOWN ON THE DRAWINGS. ADJUST BACK OF CURB AND FLAG OF CURB GRADES SO THAT THE CURB & GUTTER GRADES DO NOT EXCEED THE GRADES SHOWN ON THE TYPICAL RAMP SECTION.
12. CURB TAPERS AT RAMPS ARE 2 FEET LONG UNLESS OTHERWISE NOTED.
13. CONSTRUCTION OF TEMPORARY ACCESS POINTS TO RESIDENCES AND BUSINESS IS INCIDENTAL TO THE PROJECT.
14. INLET PROTECTION TYPE C IS UTILIZED THROUGHOUT THE PROJECT. SEE MISCELLANEOUS QUANTITY TABLE FOR LOCATIONS.
15. CONTRACTOR TO KEEP ALL ROADWAYS OUTSIDE OF PROJECT LIMITS CLEAN AND FREE OF DEBRIS.

ORDER OF SHEETS-SECTION 2

GENERAL NOTES
TYPICAL SECTIONS
CONSTRUCTION DETAILS
INTERSECTION DETAILS
SIGNING AND PAVEMENT MARKING
CONSTRUCTION STAGING

UTILITY CONTACT LIST

Dairyland Power

Jane Eggen
P.O. Box 817
La Crosse, WI 54602
608.788.4000
jane.eggen@dairylandpower.com

Charter Communications

Perry McClellan
1228 12th Ave S
Onalaska, WI 54650
715.370.7140
Perry.McClellan@chartercom.com

CenturyLink

Brian Stelplugh
333 N Front St
La Crosse, WI 54601
608.796.5543 / 608.796.5142(cell)
brian.stelplugh@centurylink.com

Xcel Energy (Electricity)

Scott Roberts
3215 Commerce Street
La Crosse, WI 54603
608.789.3625
Scott.w.roberts@xcelenergy.com

Xcel Energy (Gas)

Ed Przytarski
3215 Commerce Street
La Crosse, WI 54603
608.789.3631

Riverland Energy

Tim Holtan
N29988 State Road 93
Arcadia, WI 54612
608.797.0102 (cell)
608.323.3381 (office)
tholtan@riverlandenergy.com

DNR Liaison Contact

Karen Kalvelage
DNR Service Center
3550 Mormon Coulee Road
La Crosse, WI 54601
608.785.9115
karen.kalvelage@wisconsin.gov

City of Onalaska

Jarrod Holter, PE
City Engineer
608.781.9537
jholter@cityofonalaska.com

CONSULTANT DESIGN

JEREMY TOMESH
SEH INC.
312 SOUTH 3RD STREET
LA CROSSE, WI 54601
PHONE: (608) 498-4947
EMAIL: JTOMESH@SEHINC.COM

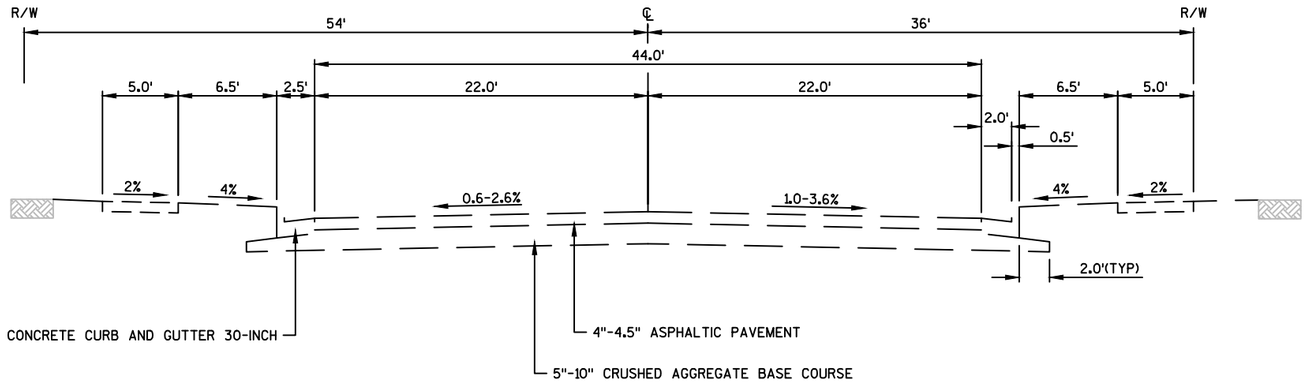
TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

DIGGERS HOTLINE

Dial 811 or (800)242-8511

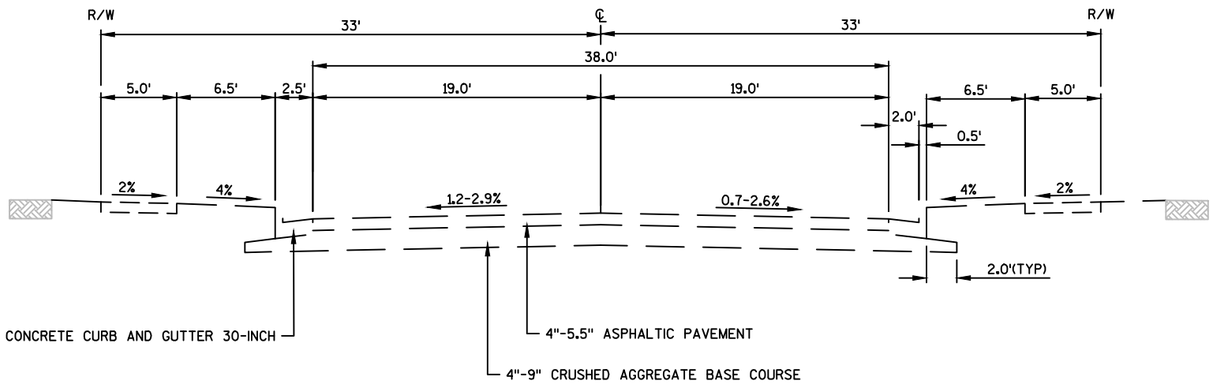
www.DiggersHotline.com

**DENOTES UTILITIES THAT ARE NOT DIGGERS HOTLINE MEMBERS



TYPICAL EXISTING SECTION

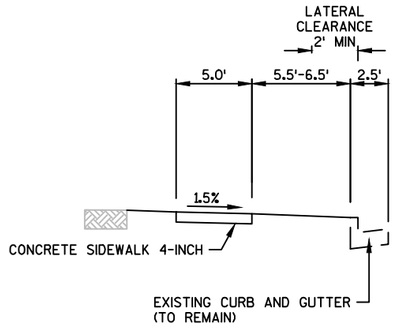
BRAUND STREET
STA 11+46.22 TO STA 20+86.19



TYPICAL EXISTING SECTION

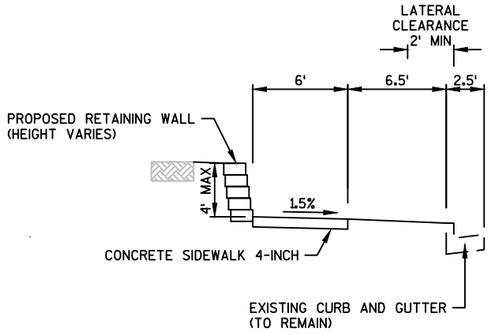
PH
STA 100+61.34 TO STA 112+00.00

PROJECT NO: 5591-02-54/55	HWY: BRAUND ST & PH	COUNTY: LA CROSSE	TYPICAL SECTIONS	SHEET 3	E



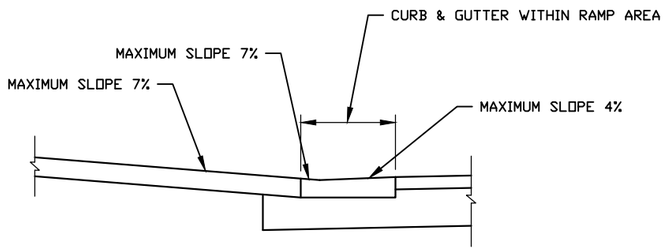
TYPICAL FINISHED PARTIAL SECTION

NEW SIDEWALK INSTALLATION

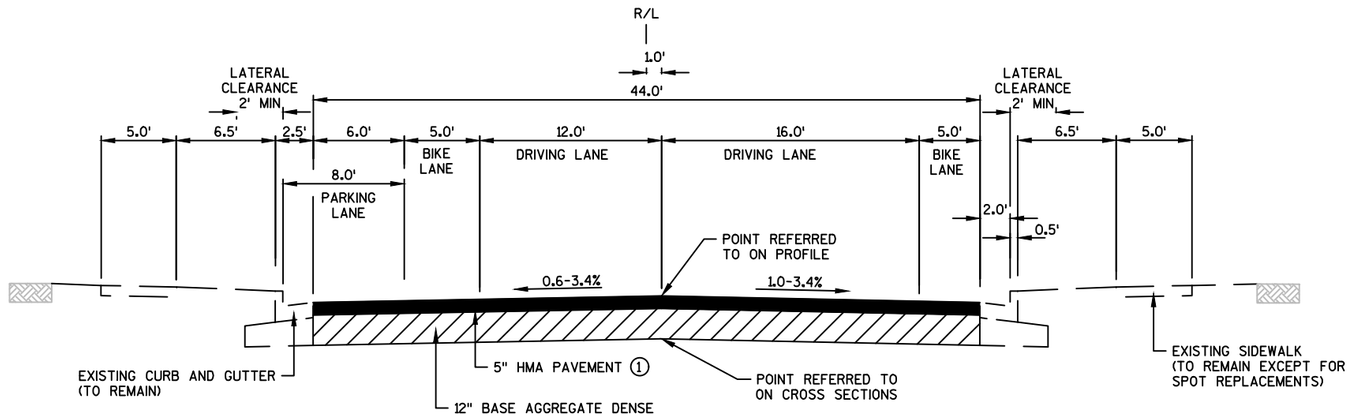


TYPICAL FINISHED PARTIAL SECTION

NEW SIDEWALK & RETAINING WALL INSTALLATION



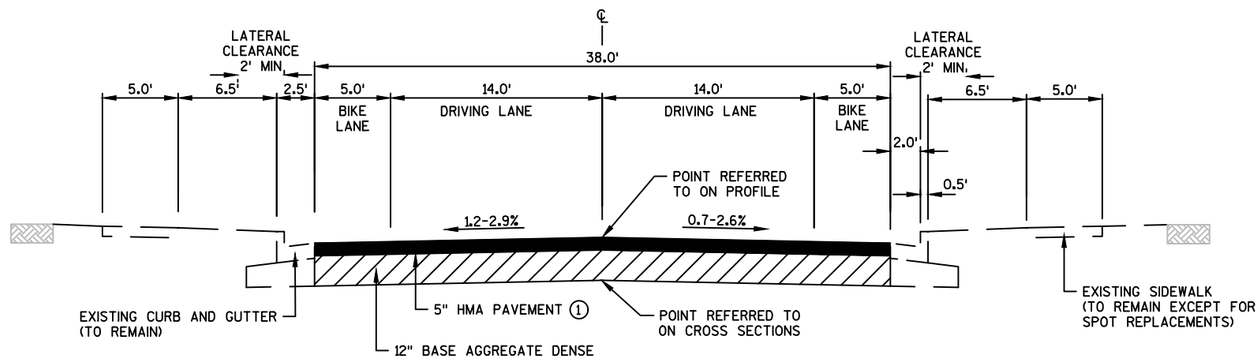
TYPICAL RAMP SECTION



TYPICAL FINISHED SECTION

BRAUND STREET
STA 11+46.22 TO STA 20+86.19

(1) 5" HMA PAVEMENT TO BE CONSTRUCTED IN 2 LAYERS
- 2.5" HMA PAVEMENT 4 LT 58-28 S UPPER LAYER
- 2.5" HMA PAVEMENT 3 LT 58-28 S LOWER LAYER



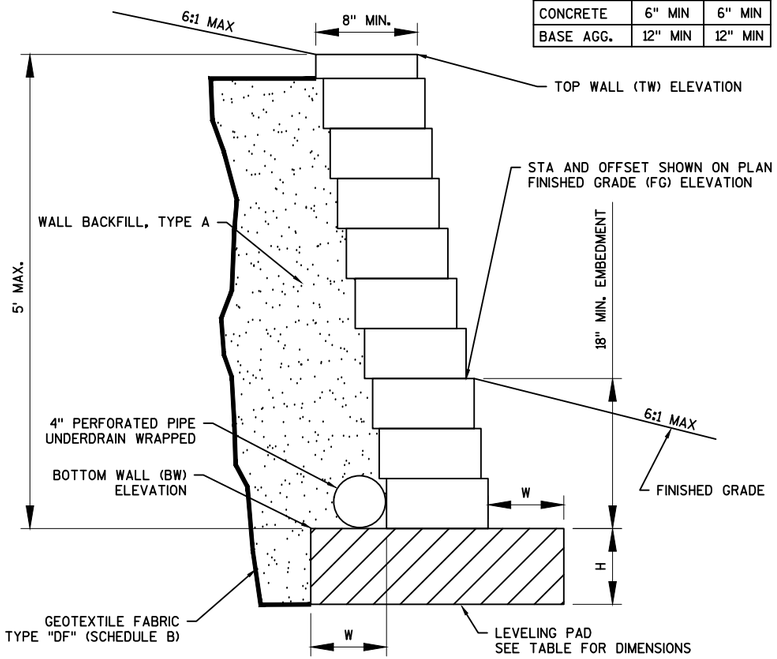
TYPICAL FINISHED SECTION

PH
STA 100+61.34 TO STA 112+00.00

PROJECT NO: 5591-02-54/55	HWY: BRAUND ST & PH	COUNTY: LA CROSSE	TYPICAL SECTIONS	SHEET 4	E

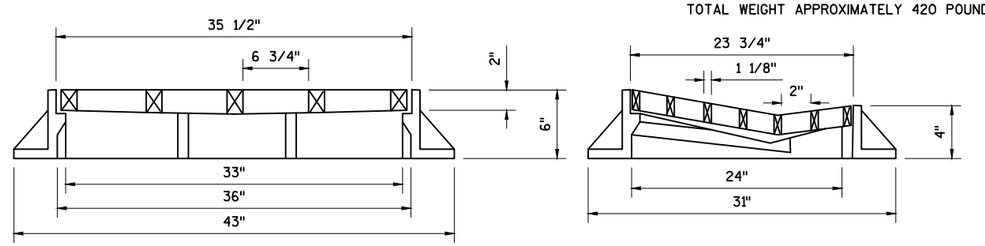
LEVELING PAD DIMENSIONS

MATERIAL	W	H
CONCRETE	6" MIN	6" MIN
BASE AGG.	12" MIN	12" MIN



TYPICAL WALL SECTION

TOTAL WEIGHT APPROXIMATELY 420 POUNDS



INLET COVERS TYPE DW

NOTES:
ALLOWABLE WALL SYSTEMS - WALL MODULAR BLOCK GRAVITY LANDSCAPE

THE PLAN QUANTITY FOR BID ITEM WALL MODULAR BLOCK GRAVITY LANDSCAPE IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF WALL TO A CONSTANT DEPTH OF 1'-6" BELOW FINISHED GRADE. SEE MISCELLANEOUS QUANTITY SHEETS FOR PLAN QUANTITY.

THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALL IN ACCORDANCE WITH THE SPECIAL PROVISIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL MODULAR BLOCK GRAVITY LANDSCAPE (STATION)".

PLANS, ELEVATIONS, AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.

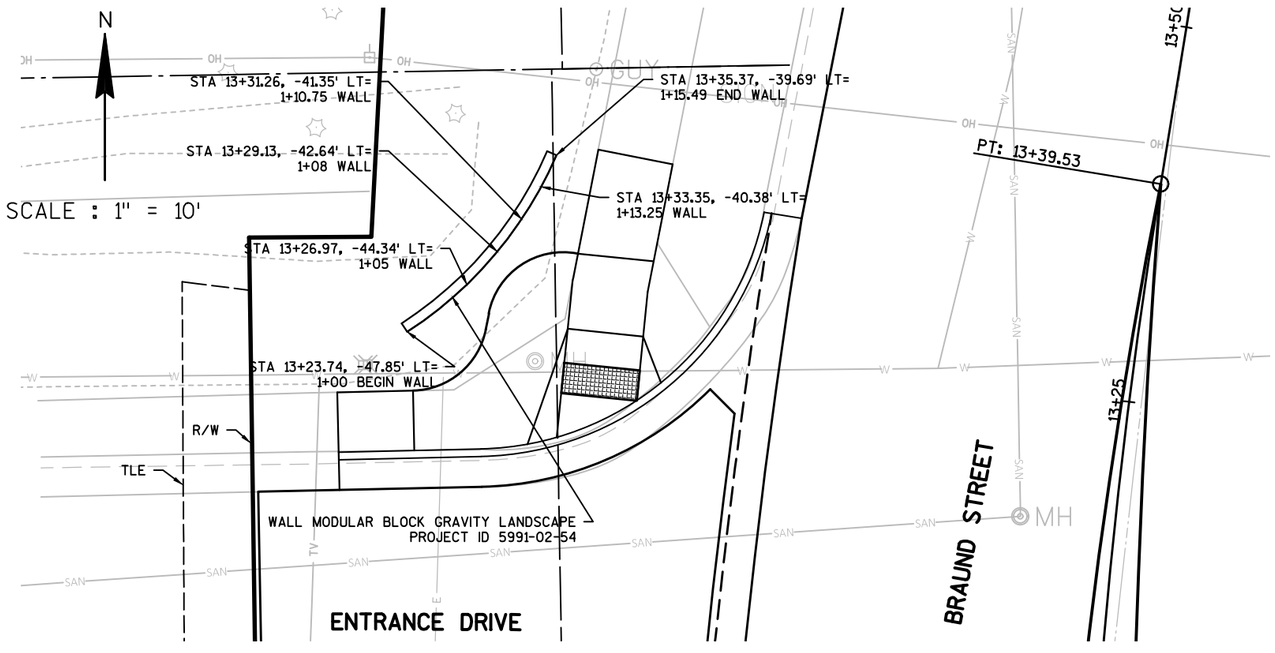
ALLOWABLE SOIL BEARING CAPACITY = 1000 PSF

ELEVATIONS AND LENGTHS ARE APPROXIMATE. CONSTRUCT TO FIT TERRAIN.

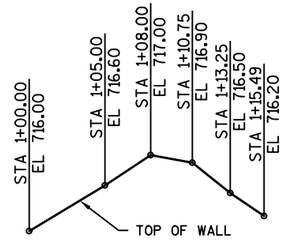
DESIGN FOR THE RETAINING WALL TO PROVIDE FOR THE FINISHED SLOPE BEHIND THE WALL AS SHOWN ON THE CROSS SECTIONS.

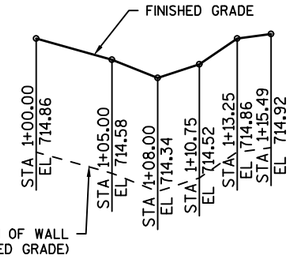
WALL TO HAVE SPLIT BLOCK APPEARANCE AND BE TAN IN COLORATION.

DRAWING NOT TO SCALE UNLESS INDICATED.



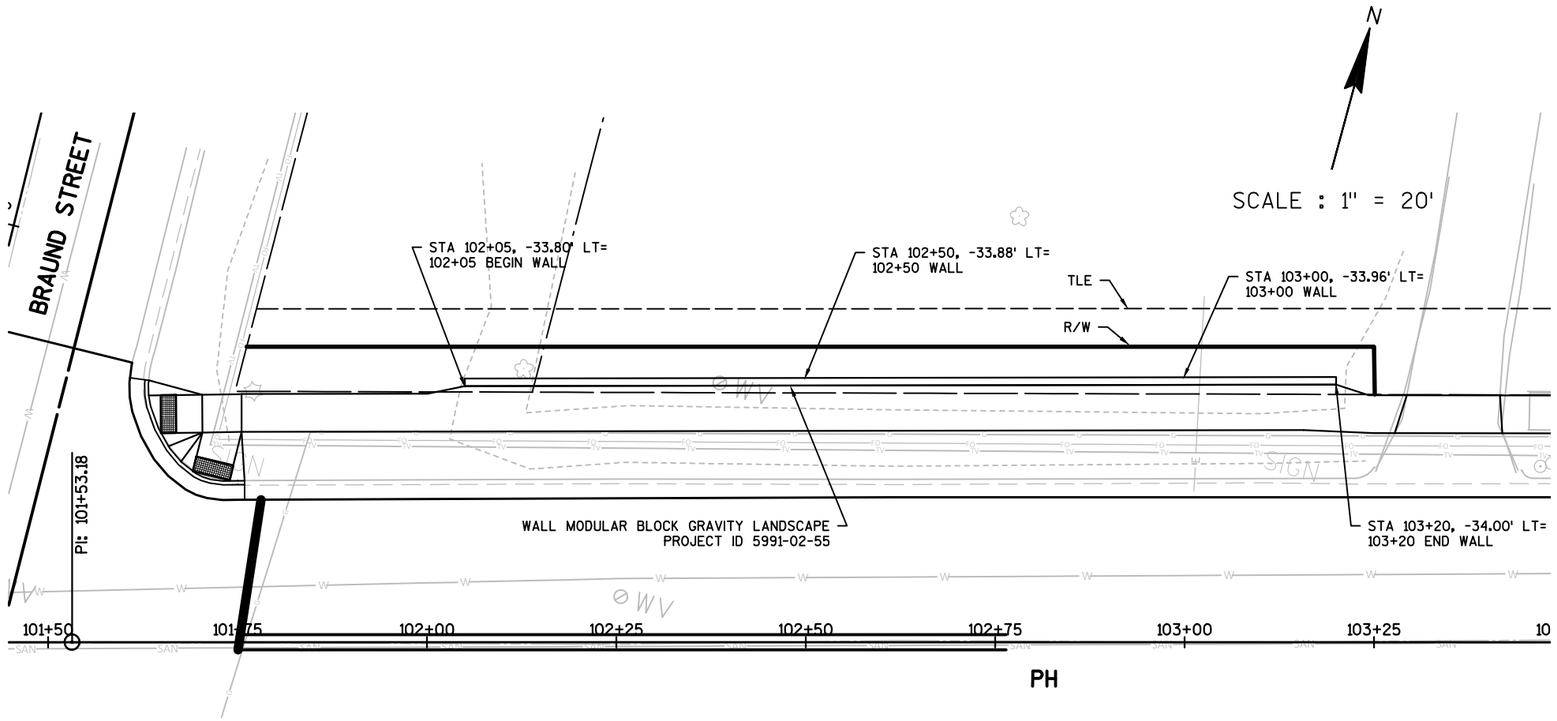
RETAINING WALL PLAN - BRAUND STREET



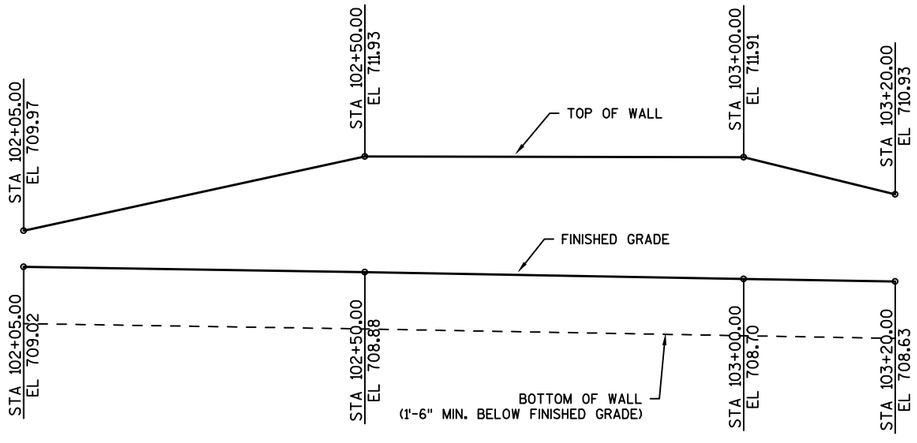


RETAINING WALL ELEVATION - BRAUND

PROJECT NO: 5991-02-54/55	HWY: BRAUND & PH	COUNTY: LA CROSSE	RETAINING WALL & INLET COVERS TYPE DW DETAILS	SHEET 5	E



RETAINING WALL PLAN - PH



RETAINING WALL ELEVATION - PH

NOTES:
ALLOWABLE WALL SYSTEMS - WALL MODULAR BLOCK GRAVITY LANDSCAPE

THE PLAN QUANTITY FOR BID ITEM WALL MODULAR BLOCK GRAVITY LANDSCAPE IS BASED ON A WALL HEIGHT MEASURED FROM THE TOP OF WALL TO A CONSTANT DEPTH OF 1'-6" BELOW FINISHED GRADE. SEE MISCELLANEOUS QUANTITY SHEETS FOR PLAN QUANTITY.

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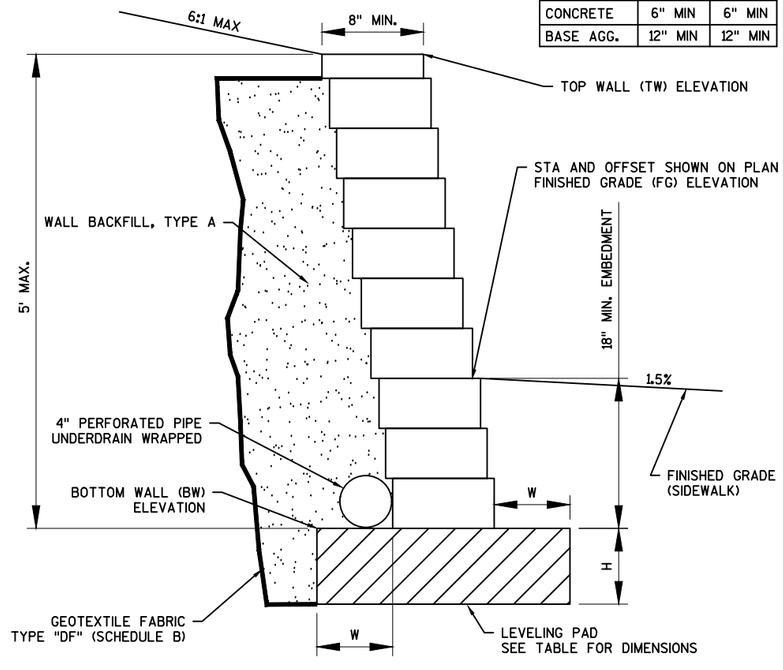
DESIGN FOR THE RETAINING WALL TO PROVIDE FOR THE FINISHED SLOPE BEHIND THE WALL AS SHOWN ON THE CROSS SECTIONS.

WALL TO HAVE SPLIT BLOCK APPEARANCE AND BE TAN IN COLORATION.

DRAWING NOT TO SCALE UNLESS INDICATED.

LEVELING PAD DIMENSIONS

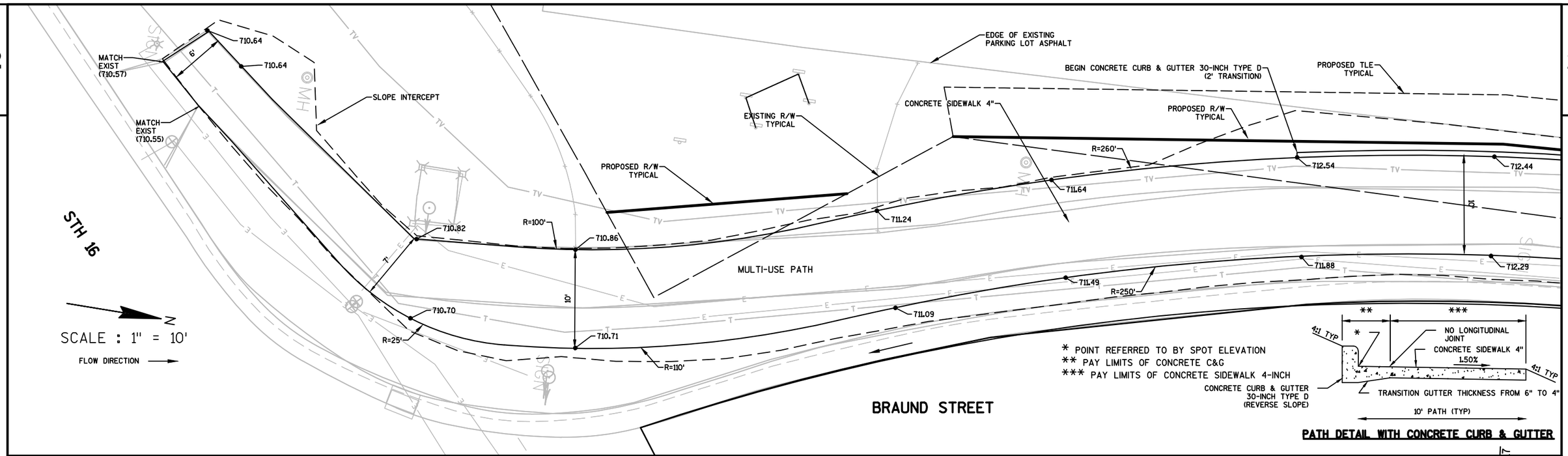
MATERIAL	W	H
CONCRETE	6" MIN	6" MIN
BASE AGG.	12" MIN	12" MIN

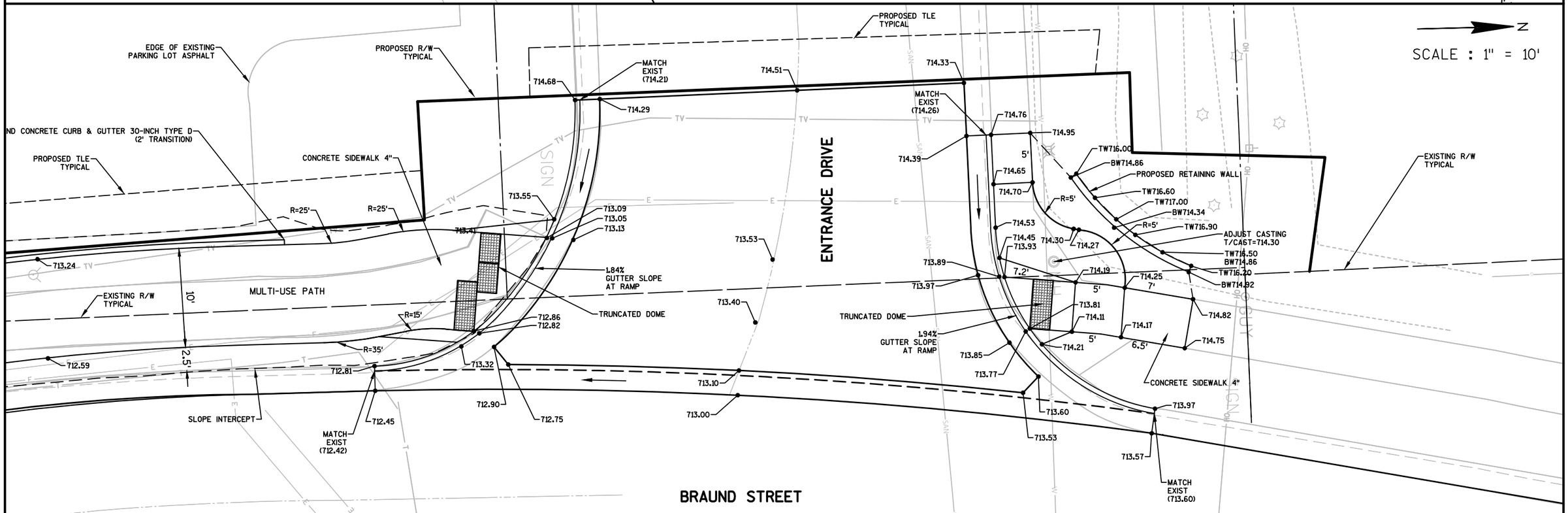


TYPICAL WALL SECTION

PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	RETAINING WALL DETAILS	SHEET 6	E

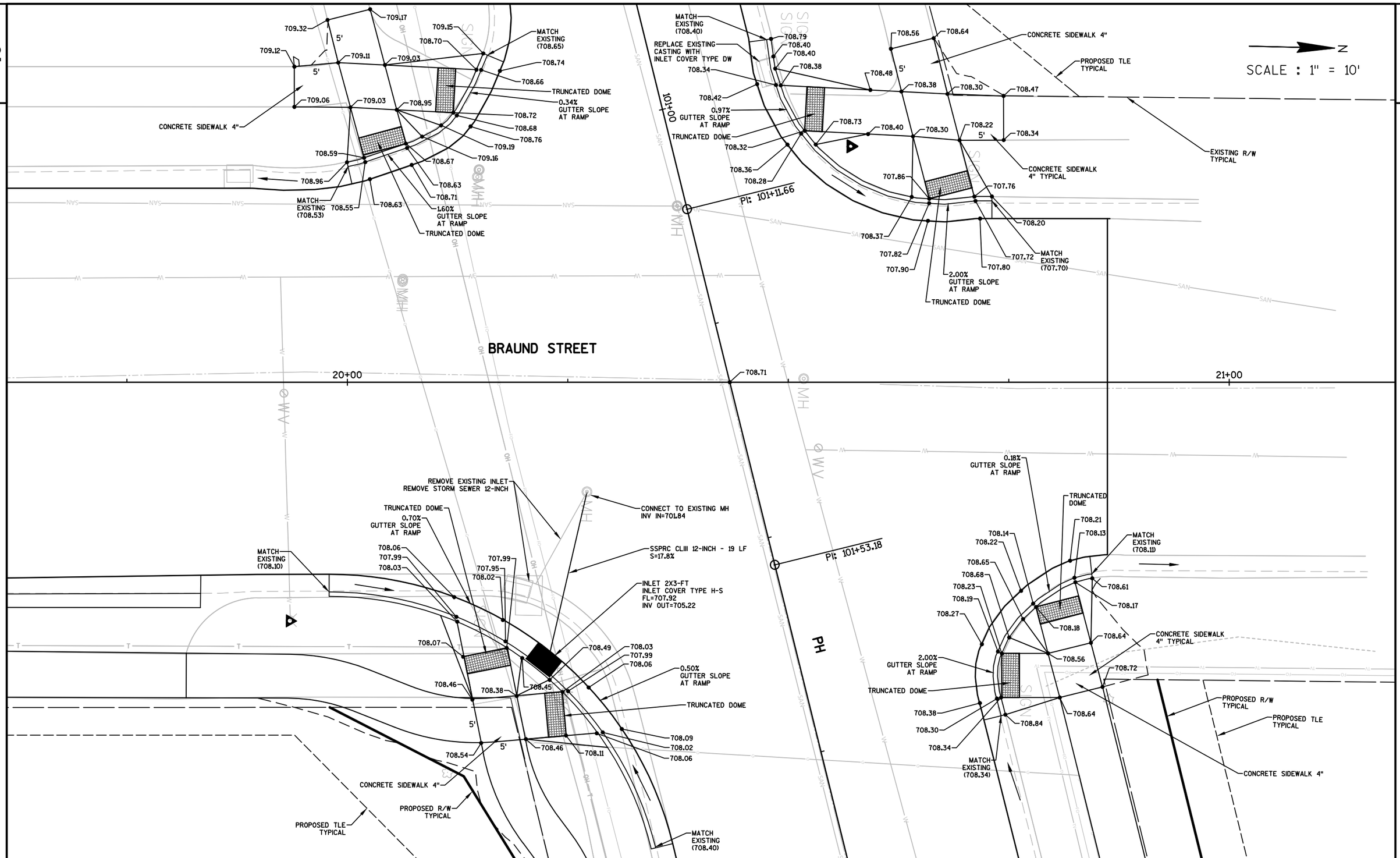
2





PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	BRAUND STREET & ENTRANCE DRIVE INTERSECTION DETAILS	SHEET 7	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\021101-ID-BRAUND.DWG
LAYOUT NAME - 021101-ID-BRAUND - 1
PLOT DATE : 6/7/2017 5:50 PM
PLOT BY : TOREY LEONARD
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	BRAUND STREET & PH INTERSECTION DETAILS	SHEET 8	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\BRAUND\021101-ID-BRAUND.DWG
LAYOUT NAME - 021101-ID-BRAUND - 2
PLOT DATE : 7/19/2017 5:09 PM
PLOT BY : TOREY LEONARD
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

2

N

SCALE : 1" = 10'

LESTER AVENUE

PROPOSED TLE TYPICAL

EXISTING R/W TYPICAL

MATCH EXISTING (706.43)

706.93

706.48

706.44

706.52

707.08

TRUNCATED DOME

0.35% GUTTER SLOPE AT RAMP

7.2'

707.00

706.50

706.97

706.54

706.46

CONCRETE SIDEWALK 4"

MATCH EXISTING (706.47)

MATCH EXISTING (706.20) 1 FOOT CURB TRANSITION

706.26

706.30

706.70

706.22

6.8'

706.82

TRUNCATED DOME

1.07% GUTTER SLOPE AT RAMP

5'

706.32

706.28

706.79

706.79

706.36

CONCRETE SIDEWALK 4"

MATCH EXISTING (706.29)

PROPOSED TLE TYPICAL

PH

106+00

107+00

706.76

PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	PH & LESTER AVENUE INTERSECTION DETAILS	SHEET 9	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\021101-ID-PH.DWG
LAYOUT NAME - 021101-ID-PH - 3

PLOT DATE : 6/1/2017 7:22 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2

1-00R 1-01 ONE WAY R6-2-L 24"X30"

1-06R 1-07 DIVIDED HIGHWAY R6-3 30"X24"

1-10R 1-11 ONLY R3-8-A 36"X30"

1-14R 1-15 STOP R1-1 30"X30"

ENTRANCE DRIVE

1-16R 1-17 ONLY R3-8-A 36"X30"

1-18 ENDS BIKE LANE R3-17-BP 30"X12" R3-17 30"X24"

STOP R1-1F 36"X36"

11+00 12+00 13+00 14+00 15+00 16+00

BRAUND STREET

MATCH LINE STA 16+50.00

1-02R 1-03 R4-7 24"X30"

1-04R 1-05 STOP R1-1F

1-08R 1-09 R4-7 24"X30"

BIKE LANE R3-17 30"X24" 1-12

1-13 NO PARKING ON THIS SIDE R7-53D 18"X24"

1-19R 1-20 SPEED LIMIT 25 R2-1 24"X30"

1-21R 1-22 NO STOPPING OR STANDING NO PARKING ON THIS SIDE R7-53D 18"X24"

*ATTACH SIGN TO EXISTING TRAFFIC SIGNAL POST

PAVEMENT MARKING LEGEND

- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (F) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (G) MARKING SYMBOL EPOXY (BIKE LANE) AND MARKING ARROW EPOXY (BIKE LANE)
- (H) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (I) MARKING ARROW EPOXY (LEFT)
- (J) MARKING ARROW EPOXY (THRU-LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (M) MARKING LINE EPOXY 4-INCH (WHITE, 3' SKIP)
- (N) MARKING LINE EPOXY 8-INCH (WHITE, 3' SKIP)

2-03 NO PARKING HERE TO CORNER R7-51R 18"X24"

2-06 BIKE LANE R3-17 30"X24"

MATCH LINE STA 16+50.00

17+00 18+00 19+00 20+00 21+00 21+52

BRAUND STREET

12' 12' 5' 11'

STOP R1-1 36"X36" ALL WAY R1-3P 18"X6"

2-09R 2-10

2-00R 2-01 NO STOPPING OR STANDING NO PARKING ON THIS SIDE R7-53D 18"X24"

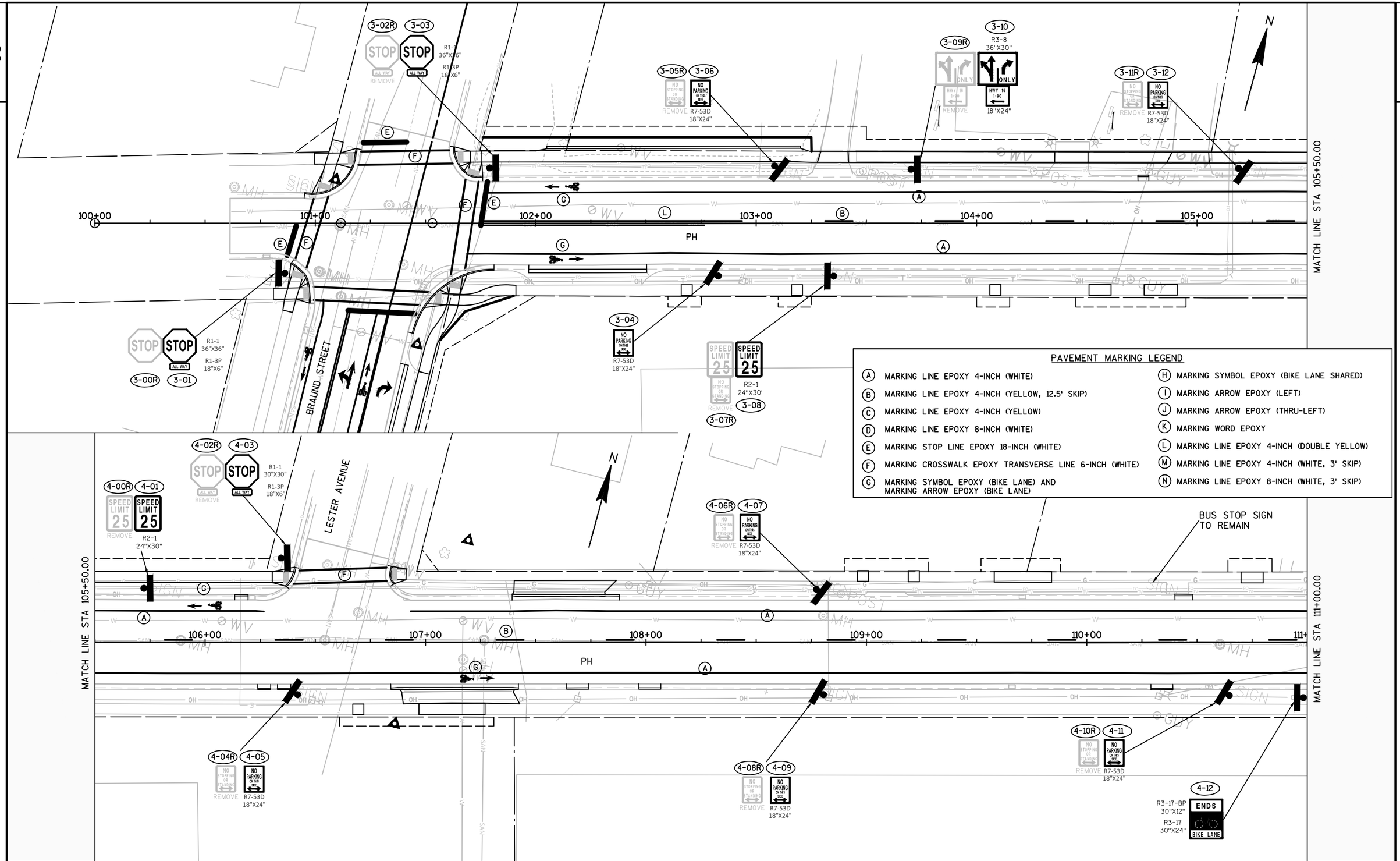
2-04R 2-05 ONLY R3-8 36"X30"

BEGIN RIGHT TURN LANE YIELD TO BIKES R4-4 36"X30" 2-02

STOP R1-1 36"X36" ALL WAY R1-3P 18"X6" 2-07R 2-08

PH

PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING BRAUND STREET	SHEET 10	E

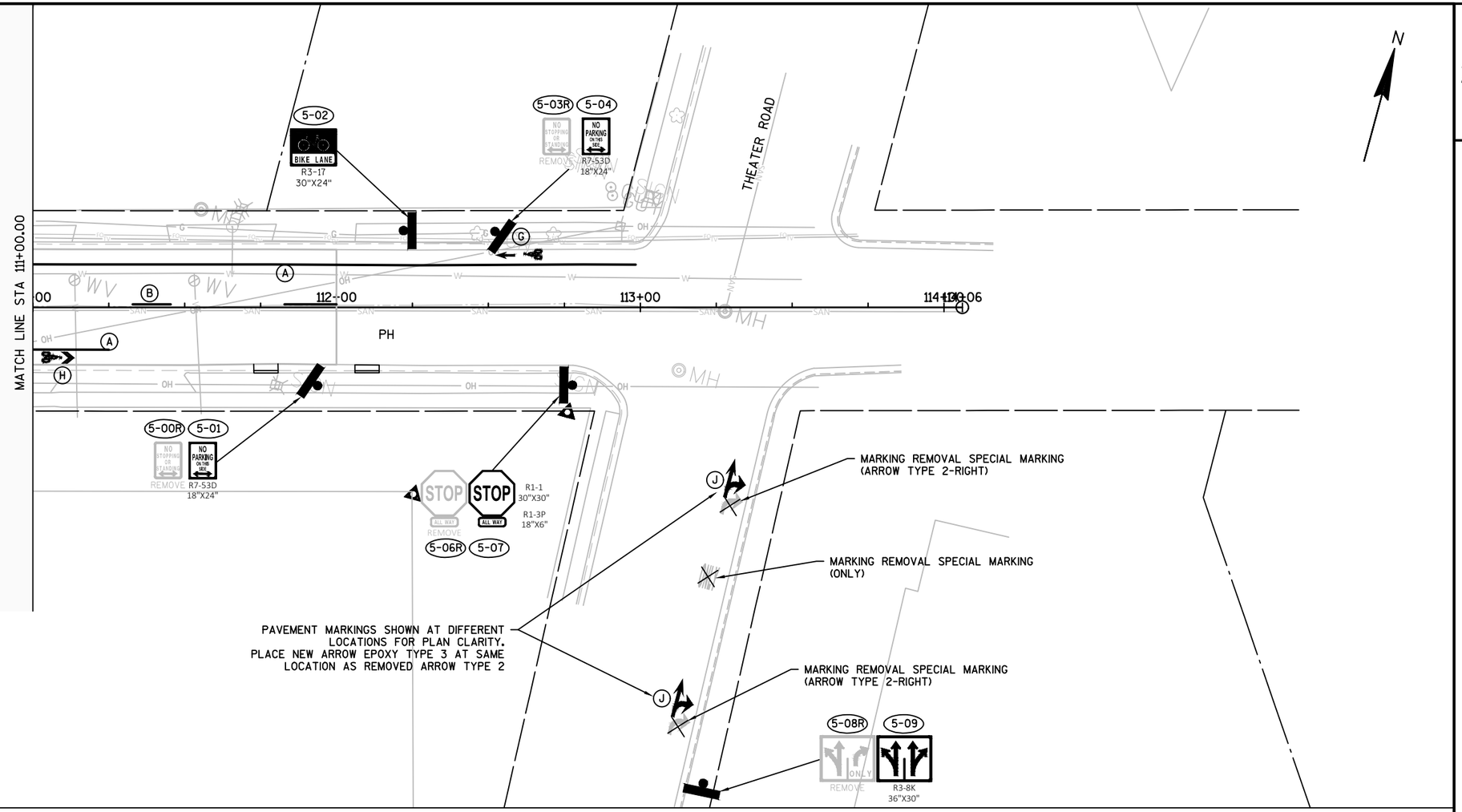


PAVEMENT MARKING LEGEND

- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (F) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (G) MARKING SYMBOL EPOXY (BIKE LANE) AND MARKING ARROW EPOXY (BIKE LANE)
- (H) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (I) MARKING ARROW EPOXY (LEFT)
- (J) MARKING ARROW EPOXY (THRU-LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (M) MARKING LINE EPOXY 4-INCH (WHITE, 3' SKIP)
- (N) MARKING LINE EPOXY 8-INCH (WHITE, 3' SKIP)

PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING PH	SHEET 11	E

2

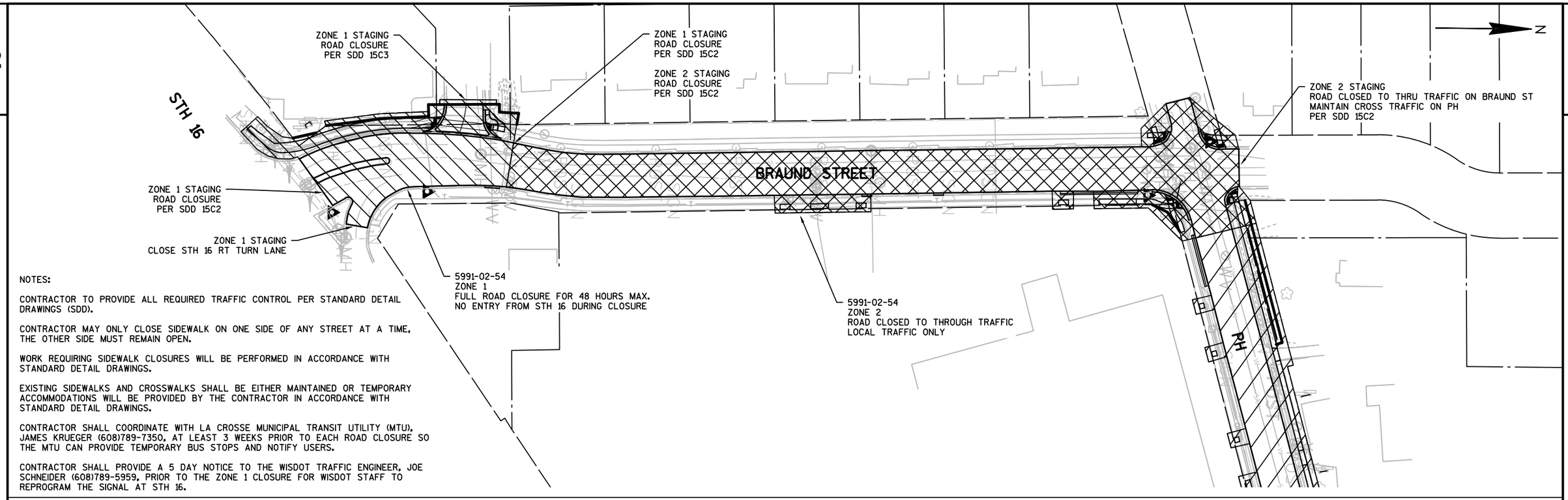


PAVEMENT MARKING LEGEND

- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (F) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (G) MARKING SYMBOL EPOXY (BIKE LANE) AND MARKING ARROW EPOXY (BIKE LANE)
- (H) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (I) MARKING ARROW EPOXY (LEFT)
- (J) MARKING ARROW EPOXY (THRU-LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)
- (M) MARKING LINE EPOXY 4-INCH (WHITE, 3' SKIP)
- (N) MARKING LINE EPOXY 8-INCH (WHITE, 3' SKIP)

PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING PH	SHEET 12	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\024501-PM-PH.DWG
LAYOUT NAME - 024502-PM-PH - PM 2
PLOT DATE : 11/3/2017 8:58 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42



NOTES:

CONTRACTOR TO PROVIDE ALL REQUIRED TRAFFIC CONTROL PER STANDARD DETAIL DRAWINGS (SDD).

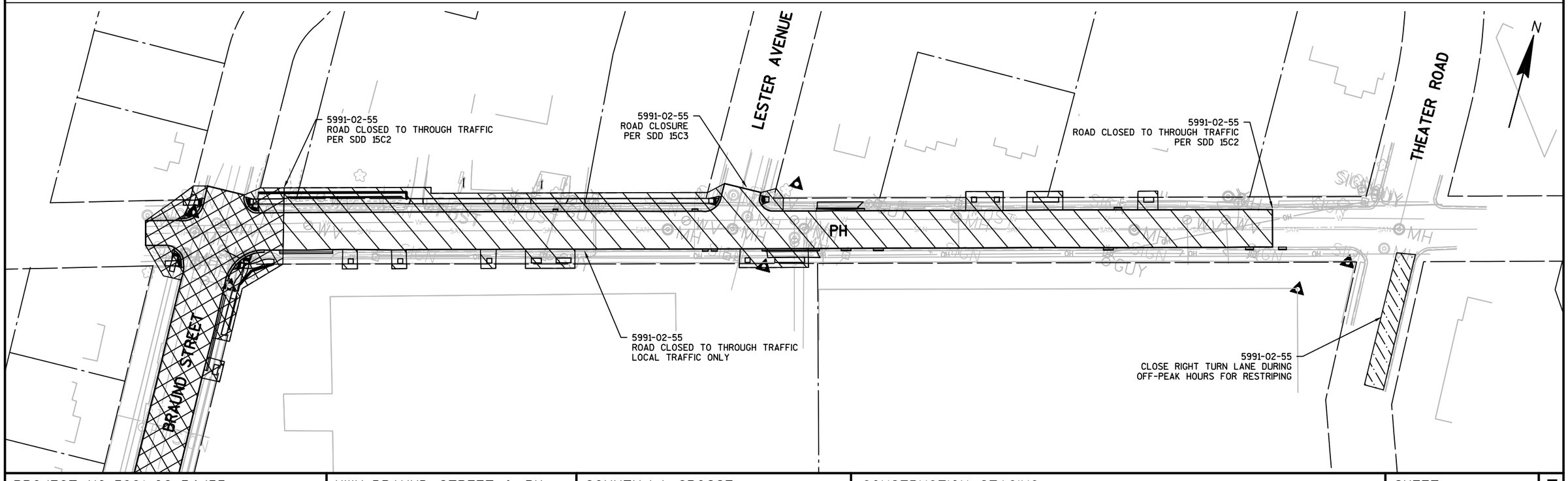
CONTRACTOR MAY ONLY CLOSE SIDEWALK ON ONE SIDE OF ANY STREET AT A TIME, THE OTHER SIDE MUST REMAIN OPEN.

WORK REQUIRING SIDEWALK CLOSURES WILL BE PERFORMED IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS.

EXISTING SIDEWALKS AND CROSSWALKS SHALL BE EITHER MAINTAINED OR TEMPORARY ACCOMMODATIONS WILL BE PROVIDED BY THE CONTRACTOR IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS.

CONTRACTOR SHALL COORDINATE WITH LA CROSSE MUNICIPAL TRANSIT UTILITY (MTU), JAMES KRUEGER (608)789-7350, AT LEAST 3 WEEKS PRIOR TO EACH ROAD CLOSURE SO THE MTU CAN PROVIDE TEMPORARY BUS STOPS AND NOTIFY USERS.

CONTRACTOR SHALL PROVIDE A 5 DAY NOTICE TO THE WISDOT TRAFFIC ENGINEER, JOE SCHNEIDER (608)789-5959, PRIOR TO THE ZONE 1 CLOSURE FOR WISDOT STAFF TO REPROGRAM THE SIGNAL AT STH 16.



PROJECT NO: 5991-02-54/55	HWY: BRAUND STREET & PH	COUNTY: LA CROSSE	CONSTRUCTION STAGING	SHEET 13	E

					5991-02-54	5991-02-55
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**
0006	204.0100	Removing Pavement	SY	70.000		70.000
0008	204.0150	Removing Curb & Gutter	LF	589.000	330.000	259.000
0010	204.0155	Removing Concrete Sidewalk	SY	693.000	365.000	328.000
0012	204.0220	Removing Inlets	EACH	1.000	1.000	
0014	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	19.000	19.000	
0016	205.0100	Excavation Common	CY	5,090.000	2,623.000	2,467.000
0018	213.0100	Finishing Roadway (project) 01. 5991-02-54	EACH	1.000	1.000	
0020	213.0100	Finishing Roadway (project) 01. 5991-02-55	EACH	1.000		1.000
0024	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	6,458.000	3,513.000	2,945.000
0026	312.0110	Select Crushed Material	TON	760.000		760.000
0028	416.0160	Concrete Driveway 6-Inch	SY	154.000	40.000	114.000
0030	455.0605	Tack Coat	GAL	534.000	291.000	243.000
0032	460.2000	Incentive Density HMA Pavement	DOL	1,760.000	960.000	800.000
0034	460.5223	HMA Pavement 3 LT 58-28 S	TON	1,358.000	739.000	619.000
0036	460.5224	HMA Pavement 4 LT 58-28 S	TON	1,358.000	739.000	619.000
0038	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	570.000	311.000	259.000
0040	602.0405	Concrete Sidewalk 4-Inch	SF	5,432.000	2,790.000	2,642.000
0042	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	132.000	112.000	20.000
0046	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	19.000	19.000	
0048	611.0639	Inlet Covers Type H-S	EACH	1.000	1.000	
0050	611.3230	Inlets 2x3-FT	EACH	1.000	1.000	
0052	611.8110	Adjusting Manhole Covers	EACH	16.000	9.000	7.000
0058	619.1000	Mobilization	EACH	0.400	0.200	0.200
0060	624.0100	Water	MGAL	193.800	105.400	88.400
0062	625.0100	Topsoil	SY	301.000	128.000	173.000
0064	627.0200	Mulching	SY	301.000	128.000	173.000
0066	628.1905	Mobilizations Erosion Control	EACH	4.000	2.000	2.000
0068	628.1910	Mobilizations Emergency Erosion Control	EACH	4.000	2.000	2.000
0070	628.7015	Inlet Protection Type C	EACH	9.000	3.000	6.000
0072	629.0210	Fertilizer Type B	CWT	0.420	0.170	0.250
0074	630.0140	Seeding Mixture No. 40	LB	5.420	2.310	3.110
0076	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	37.000	18.000	19.000
0080	637.2210	Signs Type II Reflective H	SF	194.670	110.100	84.570
0082	637.2215	Signs Type II Reflective H Folding	SF	14.920	14.920	
0084	638.2602	Removing Signs Type II	EACH	30.000	15.000	15.000
0086	638.3000	Removing Small Sign Supports	EACH	27.000	12.000	15.000
0088	642.5001	Field Office Type B	EACH	0.500	0.250	0.250
0090	643.0300	Traffic Control Drums	DAY	608.000	20.000	588.000
0092	643.0410	Traffic Control Barricades Type II	DAY	236.000	124.000	112.000

					5991-02-54	5991-02-55
Line	**Item**	**Item Description**	**Unit**	**Total**	**Qty**	**Qty**
0094	643.0420	Traffic Control Barricades Type III	DAY	1,586.000	1,026.000	560.000
0096	643.0705	Traffic Control Warning Lights Type A	DAY	4,664.000	2,788.000	1,876.000
0098	643.0900	Traffic Control Signs	DAY	1,518.000	874.000	644.000
0104	643.5000	Traffic Control	EACH	0.400	0.200	0.200
0106	644.1420.S	Temporary Pedestrian Surface Plywood	SF	608.000	456.000	152.000
0108	644.1601.S	Temporary Curb Ramp	EACH	8.000	6.000	2.000
0110	646.1020	Marking Line Epoxy 4-Inch	LF	5,177.000	2,724.500	2,452.500
0112	646.3020	Marking Line Epoxy 8-Inch	LF	264.000	264.000	
0114	646.5020	Marking Arrow Epoxy	EACH	20.000	13.000	7.000
0116	646.5120	Marking Word Epoxy	EACH	2.000	2.000	
0118	646.5220	Marking Symbol Epoxy	EACH	11.000	5.000	6.000
0120	646.6120	Marking Stop Line Epoxy 18-Inch	LF	117.000	79.000	38.000
0124	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	505.500	423.500	82.000
0128	646.9300	Marking Removal Special Marking	EACH	3.000		3.000
0134	650.4000	Construction Staking Storm Sewer	EACH	1.000	1.000	
0136	650.4500	Construction Staking Subgrade	LF	2,079.000	940.000	1,139.000
0138	650.5000	Construction Staking Base	LF	2,079.000	940.000	1,139.000
0140	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	281.000	262.000	19.000
0142	650.9000	Construction Staking Curb Ramps	EACH	12.000	10.000	2.000
0144	650.9910	Construction Staking Supplemental Control (project) 01. 5991-02-54	LS	1.000	1.000	
0146	650.9910	Construction Staking Supplemental Control (project) 01. 5991-02-55	LS	1.000		1.000
0150	652.0800	Conduit Loop Detector	LF	55.000	55.000	
0152	655.0800	Loop Detector Wire	LF	65.000	65.000	
0154	690.0150	Sawing Asphalt	LF	502.000	422.000	80.000
0156	690.0250	Sawing Concrete	LF	422.000	194.000	228.000
0162	SPV.0060	Special 01. Existing Valve Box Adjustment	EACH	10.000	5.000	5.000
0164	SPV.0060	Special 02. Inlet Covers Type DW	EACH	1.000		1.000
0166	SPV.0090	Special 01. Concrete Curb & Gutter 30-Inch Type D SHES	LF	75.000	75.000	
0168	SPV.0090	Special 02. Construction Staking Multi-Use Path	LF	348.000	348.000	
0170	SPV.0165	Special 01. Wall Modular Block Gravity Landscape	SF	520.000	44.000	476.000

3

REMOVING PAVEMENT

STATION	TO	STATION	DIR	LOCATION	204.0100 REMOVING PAVEMENT SY
PROJECT 5991-00-55 CATEGORY 0010					
106+89	-	107+42	RT	PH	39
107+40	-	107+86	LT	PH	31
				PROJECT TOTAL	70

REMOVING CURB AND GUTTER

STATION	DIR	LOCATION	204.0150 REMOVING CURB AND GUTTER LF
PROJECT 5991-00-54 CATEGORY 0010			
13+00	LT	BRAUND	75
13+25	RT	BRAUND	15
16+21	RT	BRAUND	10
17+04	RT	BRAUND	10
17+77	RT	BRAUND	10
19+05	RT	BRAUND	79
20+00	LT	BRAUND	22
20+00	RT	BRAUND	51
20+50	LT	BRAUND	36
20+50	RT	BRAUND	22
PROJECT 5991-00-55 CATEGORY 0010			
101+97	RT	PH	53
104+73	LT	PH	5
106+13	LT	PH	6
106+24	RT	PH	15
106+50	LT	PH/LESTER	19
106+84	RT	PH	58
107+39	RT	PH	49
107+64	RT	PH	10
107+97	RT	PH	10
110+29	RT	PH	10
110+40	LT	PH	8
111+73	RT	PH	8
112+06	RT	PH	8
		PROJECT TOTAL	589

REMOVING CONCRETE SIDEWALK

STATION	TO	STATION	DIR	LOCATION	204.0155 REMOVING SIDEWALK SY
PROJECT 5991-00-54 CATEGORY 0010					
11+46.22	-	12+75	LT	BRAUND	212
13+20	-	13+35	LT	BRAUND	14
16+21	-	16+31	RT	BRAUND	6
16+52	-	16+70	RT	BRAUND	10
16+98	-	17+08	RT	BRAUND	6
19+03	-	19+13	RT	BRAUND	6
19+44	-	20+20	RT	BRAUND	54
19+95	-	20+20	LT	BRAUND	20
20+50	-	20+75	LT	BRAUND	24
20+50	-	20+75	RT	BRAUND	13
PROJECT 5991-00-55 CATEGORY 0010					
101+60	-	106+40	LT	PH	251
102+66	-	102+71	RT	PH	3
103+16	-	103+21	RT	PH	3
104+06	-	104+11	RT	PH	3
104+51	-	104+61	RT	PH	6
104+76	-	104+91	RT	PH	9
106+67	-	106+72	RT	PH	3
106+85	-	106+95	LT	PH	5
106+97	-	107+27	RT	PH	18
108+96	-	109+01	LT	PH	3
109+19	-	109+24	LT	PH	3
109+58	-	109+84	LT	PH	15
111+70	-	111+80	LT	PH	6
				PROJECT TOTALS	693

EXCAVATION COMMON

STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON CY
PROJECT 5991-00-54 CATEGORY 0010				
11+46	-	13+50	BRAUND	773
13+50	-	20+86.19	BRAUND	1850
PROJECT 5991-00-55 CATEGORY 0010				
101+78	-	112+00	PH	2044
108+50	-	111+50	PH, EBS	423
			PROJECT TOTALS	5090

EXCAVATION COMMON INCLUDES EXISTING PAVEMENT.

3

3

REMOVING INLETS

STATION	DIR	LOCATION	204.0220 REMOVING INLETS EACH
PROJECT 5991-00-54 CATEGORY 0010			
22+00	RT	BRAUND	1
		PROJECT TOTALS	1

REMOVING STORM SEWER (SIZE)

STATION	TO	STATION	DIR	LOCATION	204.0245 12-INCH LF
PROJECT 5991-00-54 CATEGORY 0010					
20+20	-	20+27	RT	BRAUND	19
				PROJECT TOTAL	19

BASE, SUBGRADE AGGREGATE, AND WATER

STATION	TO	STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON*	624.0100 WATER** MGAL
PROJECT 5991-00-54 CATEGORY 0010						
11+46	-	13+50	BRAUND	940		28.2
13+50	-	20+86.19	BRAUND	2573		77.2
PROJECT 5991-00-55 CATEGORY 0010						
101+78	-	112+00	PH	2945	760	88.4
			PROJECT TOTALS	6458	760	193.7

*FOR AREAS OF EBS, SEE EARTHWORK TABLE FOR LOCATIONS.
SELECT CRUSHED MATERIAL ESTIMATED AT 1.8 TON/CY.
**INCLUDES WATER FOR DUST CONTROL

CONCRETE DRIVEWAYS

STATION	TO	STATION	DIR	LOCATION	416.0160 6-INCH SY
PROJECT 5991-00-54 CATEGORY 0010					
16+52	-	16+70	RT	BRAUND	11
19+03	-	19+13	RT	BRAUND	6
19+44	-	19+82	RT	BRAUND	23
PROJECT 5991-00-55 CATEGORY 0010					
103+27	-	103+42	LT	PH	8
104+35	-	104+51	LT	PH	9
104+86	-	105+05	LT	PH	11
106+89	-	107+42	RT	PH	55
107+40	-	107+86	LT	PH	31
				PROJECT TOTAL	154

ASPHALTIC ITEMS

STATION	TO	STATION	LOCATION	460.2000 INCENTIVE DENSITY HMA PAVEMENT DOL	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S TON	460.5224 HMA PAVEMENT 4 LT 58-28 S TON
PROJECT 5991-00-54 CATEGORY 0010							
11+46.22	-	13+50		260	78	198	198
13+50	-	20+86.19		700	213	541	541
PROJECT 5991-00-55 CATEGORY 0010							
101+78	-	112+00		800	243	619	619
			PROJECT TOTALS	1760	534	1358	1358

CONCRETE CURB AND GUTTER

STATION	DIR	LOCATION	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF	SPV.0090.01 CONCRETE CURB & GUTTER 30-INCH TYPE D SHES LF
PROJECT 5991-00-54 CATEGORY 0010				
12+00	LT	BRAUND	56	
13+00	LT	BRAUND		75
13+25	RT	BRAUND	15	
16+21	RT	BRAUND	10	
17+04	RT	BRAUND	10	
17+77	RT	BRAUND	10	
19+05	RT	BRAUND	79	
20+00	LT	BRAUND	22	
20+00	RT	BRAUND	51	
20+50	LT	BRAUND	36	
20+50	RT	BRAUND	22	
PROJECT 5991-00-55 CATEGORY 0010				
101+97	RT	PH	53	
104+73	LT	PH	5	
106+13	LT	PH	6	
106+24	RT	PH	15	
106+50	LT	PH/LESTER	19	
106+84	RT	PH	58	
107+39	RT	PH	49	
107+64	RT	PH	10	
107+97	RT	PH	10	
110+29	RT	PH	10	
110+40	LT	PH	8	
111+73	RT	PH	8	
112+06	RT	PH	8	
		PROJECT TOTALS	570	75

3

CONCRETE SIDEWALK

STATION	TO	STATION	DIR	LOCATION	602.0405 CONCRETE SIDEWALK 4-INCH SF
PROJECT 5991-00-54 CATEGORY 0010					
11+46.22	-	12+75	LT	BRAUND	1790
13+20	-	13+35	LT	BRAUND	118
16+21	-	16+31	RT	BRAUND	50
16+98	-	17+08	RT	BRAUND	48
19+82	-	20+20	RT	BRAUND	284
19+95	-	20+20	LT	BRAUND	174
20+50	-	20+75	LT	BRAUND	214
20+50	-	20+75	RT	BRAUND	112
PROJECT 5991-00-55 CATEGORY 0010					
101+60	-	106+40	LT	PH	2024
101+75		102+00	RT	PH	132
102+66	-	102+71	RT	PH	24
103+16	-	103+21	RT	PH	25
104+06	-	104+11	RT	PH	24
104+51	-	104+61	RT	PH	48
104+76	-	104+91	RT	PH	73
106+67	-	106+72	RT	PH	24
106+85	-	106+95	LT	PH	43
108+96	-	109+01	LT	PH	25
109+19	-	109+24	LT	PH	25
109+58	-	109+84	LT	PH	127
111+70	-	111+80	LT	PH	49
				PROJECT TOTALS	5433

CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA

STATION	DIR	LOCATION	602.0515 SF
PROJECT 5991-00-54 CATEGORY 0010			
12+75	LT	BRAUND	22
13+20	LT	BRAUND	10
20+15	LT	BRAUND	20
20+15	RT	BRAUND	20
20+75	LT	BRAUND	20
20+75	RT	BRAUND	20
PROJECT 5991-00-55 CATEGORY 0010			
106+30	LT	PH	10
106+90	LT	PH	10
		PROJECT TOTALS	132

STORM SEWER PIPE

FROM	TO	LOCATION	608.0312 REIN. CONC. CLASS III 12-INCH LF
PROJECT 5991-00-54 CATEGORY 0010			
INL-XX	MH-EX	BRAUND	19
		PROJECT TOTALS	19

STORM SEWER STRUCTURES

STRUCTURE NUMBER	STA	DIR	LOCATION	611.0639 INLET COVERS TYPE H-S EACH	611.3230 INLETS 2X3-FT EACH	SPV.0060.02 INLET COVERS TYPE DW EACH
PROJECT 5991-00-54 CATEGORY 0010						
INL-XX	20+22	RT	BRAUND	1	1	
PROJECT 5991-00-55 CATEGORY 0010						
EXISTING	101+00	LT	PH			1
			PROJECT TOTAL	1	1	1

ADJUSTING UTILITIES

STATION	DIR	LOCATION	611.8110 ADJUSTING MANHOLE COVERS EACH	SPV.0060.01 EXISTING VALVE BOX ADJUSTMENT EACH
PROJECT 5991-00-54 CATEGORY 0010				
17+20	RT	BRAUND	1	
20+20	LT	BRAUND	1	
20+25	RT	BRAUND	1	
PROJECT 5991-00-54 CATEGORY 0020				
13+20	LT	BRAUND	1	
13+75	RT	BRAUND		1
16+60	L/R	BRAUND	2	2
19+95	RT	BRAUND		1
20+05	LT	BRAUND	1	
20+40	LT	BRAUND	1	
20+50	RT	BRAUND	1	1
PROJECT 5991-00-55 CATEGORY 0010				
106+55	LT	PH	1	
PROJECT 5991-00-55 CATEGORY 0020				
102+25	LT	PH		1
105+90	CL	PH	1	
106+05	LT	PH		1
106+55	LT	PH	1	
106+70	LT	PH	1	
107+20	L/R	PH	1	1
107+25	CL	PH	1	
110+60	CL	PH	1	
111+15	LT	PH		1
111+55	LT	PH		1
PROJECT TOTALS			16	10

LANDSCAPING ITEMS

STATION	TO	STATION	DIR	LOCATION	625.0100 TOPSOIL SY	627.0200 MULCHING SY	628.1905 MOBILIZATION EROSION CONTROL EACH	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL EACH	629.0210 FERTILIZER TYP B CWT	630.0140 SEEDING MIXTURE NO. 40 LB
PROJECT 5991-00-54 CATEGORY 0010										
11+46.22	-	12+75	LT	BRAUND	47	47			0.03	0.84
13+20	-	13+35	LT	BRAUND	11	11			0.01	0.19
16+21	-	16+31	RT	BRAUND	2	2			0.01	0.04
16+52	-	16+70	RT	BRAUND	4	4			0.01	0.07
16+98	-	17+08	RT	BRAUND	2	2			0.01	0.04
19+03	-	19+13	RT	BRAUND	2	2			0.01	0.04
19+44	-	20+20	RT	BRAUND	17	17			0.02	0.31
19+95	-	20+20	LT	BRAUND	5	5			0.01	0.08
20+50	-	20+75	LT	BRAUND	11	11			0.01	0.19
20+50	-	20+75	RT	BRAUND	2	2			0.01	0.04
UNDISTRIBUTED					26	26	2	2	0.04	0.46
PROJECT 5991-00-55 CATEGORY 0010										
101+60	-	106+40	LT	PH	103	103			0.07	1.85
101+75		102+00	RT	PH	7	7			0.01	0.12
102+66	-	102+71	RT	PH	1	1			0.01	0.02
103+16	-	103+21	RT	PH	1	1			0.01	0.02
104+06	-	104+11	RT	PH	1	1			0.01	0.02
104+51	-	104+61	RT	PH	2	2			0.01	0.04
104+76	-	104+91	RT	PH	3	3			0.01	0.06
106+67	-	106+72	RT	PH	1	1			0.01	0.02
106+85	-	106+95	LT	PH	1	1			0.01	0.03
106+97	-	107+27	RT	PH	7	7			0.01	0.12
108+96	-	109+01	LT	PH	1	1			0.01	0.02
109+19	-	109+24	LT	PH	1	1			0.01	0.02
109+58	-	109+84	LT	PH	6	6			0.01	0.10
111+70	-	111+80	LT	PH	2	2			0.01	0.04
UNDISTRIBUTED					35	35	2	2	0.05	0.62
PROJECT TOTAL					301	301	4	4	0.42	5.42

INLET PROTECTION

STATION	DIR	LOCATION	628.7015 INLET PROTECTION TYPE C EACH
PROJECT 5991-00-54 CATEGORY 0010			
16+30	RT	BRAUND	1
19+85	LT	BRAUND	1
20+22	RT	BRAUND	1
PROJECT 5991-00-55 CATEGORY 0010			
100+80	RT	PH	1
101+00	LT	PH	1
106+22	LT	PH	1
106+32	RT	PH	1
109+68	RT	PH	1
109+73	LT	PH	1
PROJECT TOTALS			9

3

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\BRAUND\030201_MQ.DWG
LAYOUT NAME - 030201_MQ (4)
PLOT DATE : 11/3/2017 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : **********
WISDOT/CADDS SHEET 42

SIGNING ITEMS

ZONE	SIGN NUMBER	LOCATION	SIGN CODE	SIZE	638.2602 REMOVING SIGNS TYPE II EACH	638.3000 REMOVING SMALL SIGN SUPPORTS EACH	634.0614 POSTS WOOD 4X6-INCH X 14-FT EACH	637.2210 SIGNS TYPE II REFLECTIVE H SF	637.2215 SIGNS TYPE II REFLECTIVE H FOLDING SF
PROJECT 5991-00-54 CATEGORY 0010									
	1-00R	BRAUND	REMOVE		1	1			
	1-01	BRAUND	R6-2-L	24x30			1	5	
	1-02R	BRAUND	REMOVE		1	0			
	1-03	BRAUND	R4-7	24x30			--	5	
	1-04R	BRAUND	REMOVE		1	0			
	1-05	BRAUND	R1-1F	36x36			--		7.46
	1-06R	BRAUND	REMOVE		1	0			
	1-07	BRAUND	R6-3	30X24			--	5	
		BRAUND	R1-1F	36x36					7.46
1	1-08R	BRAUND	REMOVE		1	1			
	1-09	BRAUND	R4-7	24X30			1	5	
	1-10R	BRAUND	REMOVE		1	1			
	1-11	BRAUND	R3-8-A	36X30			1	7.5	
	1-12	BRAUND	R3-17	30X24			1	5	
	1-13	BRAUND	R7-17	30X24			1	5	
	1-14R	BRAUND	REMOVE		1	1			
	1-15	BRAUND	R1-1	30X30			1	5.18	
	1-16R	BRAUND	REMOVE		1	1			
	1-17	BRAUND	R3-8-A	36X30			1	7.5	
	1-18	BRAUND	R3-17-BP	30X12			1	2.5	
	1-19R	BRAUND	REMOVE		1	1			
	1-20	BRAUND	R2-1	24X30			1	5	
	1-21R	BRAUND	REMOVE		1	1			
	1-22	BRAUND	R7-53D	18X24			1	3	
	2-00R	BRAUND	REMOVE		1	1			
	2-01	BRAUND	R7-53D	18X24			1	3	
	2-02	BRAUND	R4-4	36X30			1	7.5	
	2-03	BRAUND	R7-51R	18X24			1	3	
	2-04R	BRAUND	REMOVE		1	1			
2	2-05	BRAUND	R3-8	36X30			1	7.5	
	2-06	BRAUND	R3-17	30X24			1	5	
	2-07R	BRAUND	REMOVE		1	1			
	2-08	BRAUND	R1-1	36x36			1	7.46	
	2-08	BRAUND	R1-3P	18X6				0.75	
	2-09R	BRAUND	REMOVE		1	1			
	2-10	BRAUND	R1-1	36x36			1	7.46	
	2-10	BRAUND	R1-3P	18X6				0.75	
	3-00R	PH	REMOVE		1	1			
	3-01	PH	R1-1	30X30			1	6.25	
	3-01	PH	R1-3P	18X6				0.75	
				PROJECT TOTALS	15	12	18	110.1	14.92

PROJECT 5991-00-55 CATEGORY 0010									
	3-02R	PH	REMOVE		1	1			
	3-03	PH	R1-1	36x36			1	7.46	
	3-04	PH	R1-3P	18X6				0.75	
	3-05R	PH	REMOVE		1	1			
	3-06	PH	R7-53D	18X24			1	3	
	3-07R	PH	REMOVE		1	1			
	3-08	PH	R2-1	24X30			1	5	
	3-09R	PH	REMOVE		1	1			
	3-10	PH	R3-8	36X30			1	7.5	
	3-10	PH		18X24			1	3	
	3-11R	PH	REMOVE		1	1			
	3-12	PH	R7-53D	18X24			1	3	
	4-00R	PH	REMOVE		1	1			
	4-01	PH	R2-1	24X30			1	5	
	4-02R	PH	REMOVE		1	1			
	4-03	PH	R1-1	30X30			1	5.18	
	4-03	PH	R1-3P	18X6				0.75	
	4-04R	PH	REMOVE		1	1			
3	4-05	PH	R7-53D	18X24			1	3	
	4-06R	PH	REMOVE		1	1			
	4-07	PH	R7-53D	18X24			1	3	
	4-08R	PH	REMOVE		1	1			
	4-09	PH	R7-53D	18X24			1	3	
	4-10R	PH	REMOVE		1	1			
	4-11	PH	R7-53D	18X24			1	3	
	4-12	PH	R3-17-BP	30X12			1	2.5	
	4-12	PH	R3-17	30X24			1	5	
	5-00R	PH	REMOVE		1	1			
	5-01	PH	R7-53D	18X24			1	3	
	5-02	PH	RE-17	30X24			1	5	
	5-03R	PH	REMOVE		1	1			
	5-04	PH	R7-53D	18X24			1	3	
	5-05	PH							
	5-06R	PH	REMOVE		1	1			
	5-07	PH	R1-1	30X30			1	5.18	
	5-07	PH	R1-3P	18X6			0	0.75	
	5-08R	THEATER ROAD	REMOVE		1	1			
	5-09	THEATER ROAD	R3-8K	36X30			1	7.5	
				PROJECT TOTALS	15	15	19	84.57	0

TRAFFIC CONTROL

ZONE	LOCATION	APPROX. SERVICE PERIOD DAYS	643.0300 TRAFFIC CONTROL DRUMS NO.	643.0300 TRAFFIC CONTROL DRUMS DAYS	643.0410 TRAFFIC CONTROL BARRICADES TYPE II NO.	643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO.	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO.	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0900 TRAFFIC CONTROL SIGNS NO.	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.5000 TRAFFIC CONTROL
PROJECT 5991-00-54 CATEGORY 0010													
	PROJECT												1
1	STH 16	2	10	20		0	15	30	30	60	6	12	
	STRIP MALL ENTRANCE DRIVE	2		0	1	2	7	14	18	36	4	8	
	STA 13+50	2		0	1	2	11	22	26	52	7	14	
2	STA 13+50	30		0	1	30	11	330	28	840	7	210	
	Braund/PH North Leg	30		0	1	30	7	210	20	600	7	210	
	Braund/PH West Leg	30		0	1	30	7	210	20	600	7	210	
	Braund/PH East Leg	30		0	1	30	7	210	20	600	7	210	
	5991-02-54 Subtotal			20	6	124	65	1026	162	2788	45	874	1
PROJECT 5991-00-55 CATEGORY 0010													
	PROJECT												1
3	Braund/PH East Leg	28		0	1	28	7	196	16	448	7	196	
	Lester Avenue	28		0	2	56	6	168	14	392	5	140	
	STA 112+00	28		0	1	28	7	196	16	448	7	196	
	Theater Road	28	21	588					21	588	4	112	
	5991-02-55 Subtotal			588	4	112	20	560	67	1876	23	644	1
	Project Totals			608		236		1586		4664		1518	2

PEDESTRIAN ACCOMMODATION

STATION	DIR	CROSSING LOCATION	644.1420.S TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF	644.1601.S TEMPORARY CURB RAMP EACH
PROJECT 5991-00-54 CATEGORY 0010				
20+45	LT	CROSSING PH WEST OF BRAUND	152	2
20+45		CROSSING BRAUND NORTH OF PH	152	2
20+75	RT	CROSSING BRAUND NORTH OF PH	152	2
PROJECT 5991-00-55 CATEGORY 0010				
106+50	LT	CROSSING LESTER AVE	152	2
		PROJECT TOTAL	608	8

PAVEMENT MARKING

STATION	TO	STATION	ROADWAY	646.1020 MARKING LINE EPOXY 4-INCH (YELLOW) LF	646.1020 MARKING LINE EPOXY 4-INCH (WHITE) LF	646.1020 MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP) LF	646.3020 MARKING LINE EPOXY 8-INCH (WHITE) LF	646.3020 MARKING LINE EPOXY 8-INCH (WHITE, 3' SKIP) LF	646.5020 MARKING ARROW EPOXY EACH	646.5220 MARKING SYMBOL EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.9300 MARKING REMOVAL SPECIAL MARKING EACH
PROJECT 5991-00-54 CATEGORY 0010														
11+38	-	12+59	BRAUND				129							
11+46.22	-	13+50	BRAUND	387	95									
13+50	-	20+86.19	BRAUND	434	1696	112.5								
11+46.22	-	20+86.19	BRAUND											
		11+40	BRAUND									26		
11+50	-	11+60	BRAUND						2					
12+75	-	13+25	BRAUND										92	
12+80	-	12+90	BRAUND								1			
12+15	-	12+25	BRAUND						2					
12+35	-	12+45	BRAUND								1			
12+50	-	12+65	BRAUND						1	1				
17+65	-	17+30	BRAUND						1	1				
17+83	-	19+00	BRAUND					30						
18+25	-	18+40	BRAUND						1	1				
19+00	-	19+10	BRAUND						2					
19+00	-	20+05	BRAUND				105							
19+10	-	19+30	BRAUND						1	1				
19+65	-	19+75	BRAUND						3	1				
		20+00	BRAUND									31		
		20+10	BRAUND										100	
20+15	-	20+50	BRAUND										148.5	
		21+75	BRAUND									22	83	
			PROJECT TOTALS	821	1791	112.5	234	30	13	5	2	79	423.5	0
PROJECT 5991-00-55 CATEGORY 0010														
		100+90	PH									18		
101+78	-	112+00	PH	204	2011	237.5								
		101+75	PH									20		
102+05	-	102+20	PH						2	2				
105+95	-	106+10	PH						1	1				
106+35	-	106+85	PH										82	
107+15	-	107+30	PH						1	1				
111+00	-	111+15	PH							1				
112+50	-	112+70	PH						1	1				
113+13	-	113+30	PH						2					3
			PROJECT TOTALS	204	2011	237.5	0	0	7	6	0	38	82	3

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CONSTRUCTION STAKING

STATION	TO	STATION	LOCATION	650.4000 CONSTRUCTION STAKING STORM SEWER EACH	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB & GUTTER LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EA	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 5991-02-54 LS	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 02. 5991-02-55 LS	SPV.0900.02 CONSTRUCTION STAKING MULTI-USE PATH LF
PROJECT 5991-00-54 CATEGORY 0010											
11+46.22	-	12+75	BRAUND								348
11+46.22	-	20+86.19	BRAUND		940	940			1		
		12+00	BRAUND				56				
		12+75	BRAUND					1			
		13+00	BRAUND				75				
		13+20	BRAUND					1			
		20+00	BRAUND				22				
		20+00	BRAUND				51				
		20+15	BRAUND					4			
20+20	-	20+25	BRAUND	1							
		20+50	BRAUND				36				
		20+50	BRAUND				22				
		20+75	BRAUND					4			
PROJECT 5991-00-55 CATEGORY 0010											
100+61.34	-	112+00	PH		1139	1139				1	
		106+30	PH					1			
		106+50	PH				19				
		106+90	PH					1			
			PROJECT TOTALS	1	2079	2079	281	8	1	1	348

LOOP DETECTOR CONDUIT, CABLE, AND WIRE

STATION	DIR	LOCATION	652.0800 CONDUIT LOOP DETECTOR LF	655.0800 LOOP DETECTOR WIRE LF
PROJECT 5991-00-54 CATEGORY 0010				
12+55	LT	BRAUND	55	65
		PROJECT TOTALS	55	65

SAWCUTS

STATION	TO	STATION	DIR	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
PROJECT 5991-00-54 CATEGORY 0010						
11+46.22	-		LT	BRAUND	27	5
11+46	-		RT	BRAUND	117	
11+46	-	12+25		BRAUND	173	
12+75	-	13+25	LT	ENTRANCE DRIVE	40	
13+20	-	13+35	LT	BRAUND		10
13+25	-	13+40	RT	BRAUND		5
16+21	-	16+31	RT	BRAUND		10
16+52	-	16+70	RT	BRAUND		10
16+98	-	17+08	RT	BRAUND		10
17+04	-	17+14	RT	BRAUND		5
17+77	-	17+87	RT	BRAUND		5
19+03	-	19+13	RT	BRAUND		10
19+05	-	19+84	RT	BRAUND		84
19+44	-	20+20	RT	BRAUND		10
19+95	-	20+20	LT	BRAUND		10
20+25	-	20+55	LT	PH	25	
20+50	-	20+75	LT	BRAUND		10
20+50	-	20+75	RT	BRAUND		10
20+86.19	-			BRAUND	40	
PROJECT 5991-00-55 CATEGORY 0010						
101+97	-	102+50	RT	PH		58
102+66	-	102+71	RT	PH		10
103+16	-	103+21	RT	PH		10
104+06	-	104+11	RT	PH		10
104+51	-	104+61	RT	PH		10
104+73	-	104+78	LT	PH		5
104+76	-	104+91	RT	PH		10
106+13	-	106+19	LT	PH		5
106+24	-	106+39	RT	PH		5
106+35	-	106+85	LT	PH/LESTER	40	
106+67	-	106+72	RT	PH		10
106+84	-	106+95	LT	PH		5
106+97	-	107+42	RT	PH		15
107+39	-	107+88	LT	PH		15
107+64	-	107+74	RT	PH		5
107+97	-	108+07	RT	PH		5
108+96	-	109+01	LT	PH		10
109+19	-	109+24	LT	PH		10
109+58	-	109+84	LT	PH		10
110+29	-	110+39	RT	PH		5
110+40	-	110+48	LT	PH		5
111+73	-	111+81	LT	PH		5
112+00				PH	40	
112+06	-	112+14	RT	PH		5
				PROJECT TOTALS	502	417

WALL MODULAR BLOCK GRAVITY LANDSCAPE

STATION	TO	STATION	DIR	LOCATION	SPV.0165.01 WALL MODULAR BLOCK GRAVITY LANDSCAPE SF
PROJECT 5991-00-54 CATEGORY 0010					
13+24	-	13+36	LT	BRAUND	44
PROJECT 5991-00-55 CATEGORY 0010					
102+05	-	103+20	LT	PH	476
				PROJECT TOTALS	520

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC) — W (TYPE)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING — TO BE REMOVED
BRIDGE

SECTION CORNER SYMBOL (18 / 23 24 / 16 15 / 9)
SECTION CORNER MONUMENT
SIGN — SIGN
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
OFF-PREMISE SIGN — I-25 — SIGN

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) IP

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	□
TELEPHONE POLE	●	○
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	✱	✱

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)

PARCEL NUMBER (25)
UTILITY NUMBER (40)
PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), LACROSSE COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

RIGHT OF WAY MONUMENTS ARE 3/4" X 24" AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

CONVENTIONAL UTILITY SYMBOLS

WATER	W
GAS	G
TELEPHONE	T
OVERHEAD TRANSMISSION LINES	OH
ELECTRIC	E
CABLE TELEVISION	TV
FIBER OPTIC	FO
SANITARY SEWER	SAN
STORM SEWER	SS

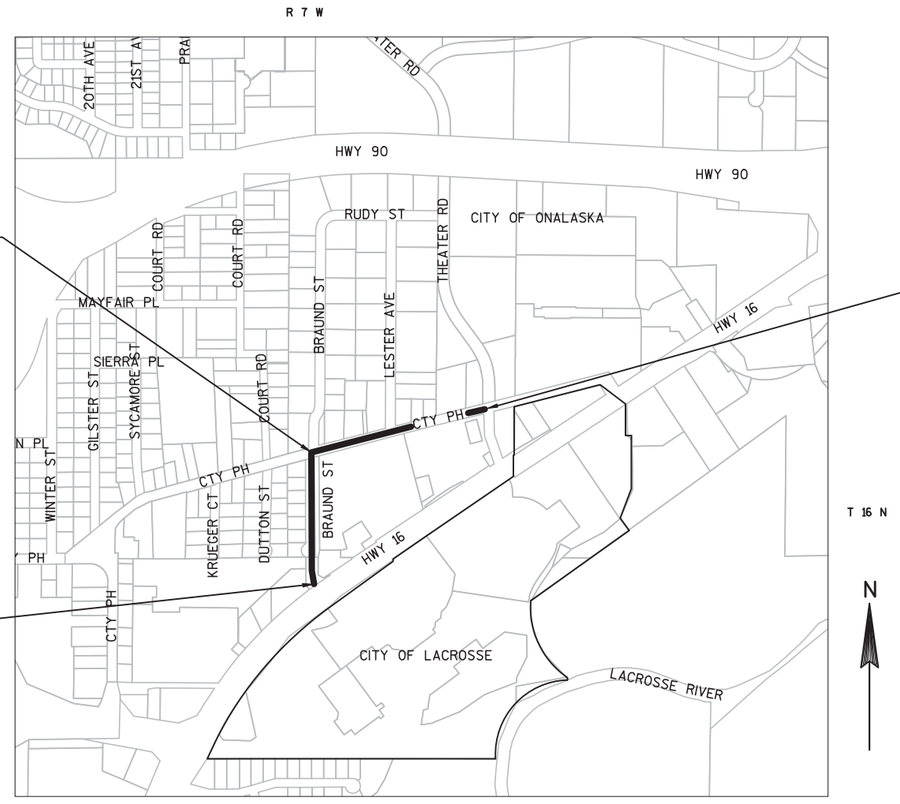
CAUTION
THIS PLAT IS FOR ILLUSTRATIVE PURPOSES ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES.

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
5991-02-53		
R/W PROJECT NUMBER --	4.01	5

PLAT OF RIGHT OF WAY REQUIRED FOR

CITY OF ONALASKA, BRAUND STREET & PH (STH 16 TO THEATER ROAD)

LOCAL STREET — LA CROSSE COUNTY



STA 20+43.37 BRAUND STREET =
STA 101+31.85 CTH PH
Y= 153313.935
X= 458826.835

BEGIN RELOCATION ORDER
5991-02-53
STA 11+32.77
Y= 152409.787
X= 458854.382
198.284 FEET SOUTH AND 0.582 FEET WEST OF SOUTH 1/4 SECTION 10, T16N, R7W

END RELOCATION ORDER
5991-02-53
STA 112+00.00
Y=153592.841
X=459857.926
972.963 FEET NORTH AND 1009.404 FEET EAST OF THE SOUTH 1/4 SECTION 10, T16N, R7W

LAYOUT
SCALE 0 — 1000 FT

TOTAL NET LENGTH OF CENTERLINE = 0.375 MI

ORIGINAL PLANS PREPARED BY

SEH

WISCONSIN
JASON L. CANCE
S-2688
CHIPPEWA FALLS WI
LAND SURVEYOR

2-7-2017 (Date)
(Signature)

REVISION DATE

CITY OF ONALASKA

APPROVED FOR THE CITY

DATE: _____ (Signatu

FILE NAME : P:\KO\O\ONALA\133149\C3D\RW\TITLE SHEET BRAUND ST.DWG
LAYOUT NAME - TITLE SHEET BRAUND ST - TITLE SHEET

PLOT DATE : 2/7/2017 9:44 AM PLOT BY : NICK ENGH PLOT NAME :

WISDOT/CADDS SHEET 50

SCHEDULE OF LANDS & INTERESTS REQUIRED				OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY OF ONALASKA.			
PARCEL NUMBER	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	R/W SF REQUIRED			TLE SF
				NEW	EXISTING	TOTAL	
1	4.04	VALLEY PLAZA LLC	FEE/TLE	792	-	792	552
2	4.04	JLP ASSOCIATES II OF EDEN PRAIRIE	FEE/TLE	1417	-	1417	271
3	4.04	DEAN A BLUSKE, DIANE E. OLSON, AUDREY L. FREDERICK, AND JANELLE A KOWALSKI	FEE	75	-	75	-
4	4.04	THE LKE LIMITED PARTNERSHIP	TLE	-	-	-	105
5	4.04	BENJAMIN R. MILLER & CRYSTAL D. MILLER	FEE/TLE	223	-	223	206
6	4.04/4.05	SPIRIT SPE PORTFOLIO 2006-1 LLC	FEE/TLE	181	-	181	1573
7	4.04	DENNIS T TRUE & VICKI R TRUE	FEE/TLE	688	-	688	783
10	4.04/4.05	JAE ENTERPRISES	TLE	-	-	-	934
11	4.05	CENTURYTEL OF WISCONSIN	TLE	-	-	-	711
12	4.05	VALLEY VIEW BUSINESS PARK	TLE	-	-	-	50
13	4.05	THE AUDIO VIDEO PROS INC	TLE	-	-	-	359
14	4.05	CMJ INVESTMENTS LLC	TLE	-	-	-	211
100	4.04	WISCONSIN-MINNESOTA LIGHT AND POWER COMPANY	RELEASE OF RIGHTS				
101	4.05	NORTHERN STATES POWER COMPANY	RELEASE OF RIGHTS				

R/W COORDINATES		
Point	North	East
550	152607.475	458768.514
551	152607.527	458776.594
556	152398.668	458804.626
557	152422.427	458799.079
558	152439.135	458791.618
559	152487.105	458784.245
560	152535.773	458781.554
561	152535.485	458769.557
562	152626.992	458777.598
584	153269.393	458864.691
585	153284.761	458872.172
586	153297.321	458891.565
598	153362.857	458859.475
599	153402.015	459003.098
600	153395.914	459004.748
638	152432.189	458791.738
641	152625.116	458789.050

REVISION DATE	DATE 2-7-2017	NOT TO SCALE	HWY: BRAUND RD-CTH PH	STATE R/W PROJECT NUMBER 5991-02-53	PLAT SHEET 4.02	
			COUNTY: LACROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-54/55	PS&E SHEET --24	E

FILE NAME : SCHEDULE OF LANDS.DWG
LAYOUT NAME - SCHEDULE OF LANDS - -4.02

PLOT DATE : 2/7/2017 9:44 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : **********

WISDOT/CADDS SHEET 60

CITY

OF

STA 20+43.37 BRAUND STREET =
STA 101+31.85 CTH PH
Y= 153313.935
X= 458826.835

BRAUND ST

LESTER AVE

THEATER RD

105 CTH PH

110

THEATER RD

END RELOCATION ORDER
STA 112+00.00
Y=153592.841
X=459857.926

GN

4

4

ONALASKA

SE/SW

DUTTON ST

BRAUND ST

20

15

STH 16

SW/SE

CITY

BEGIN RELOCATION ORDER
STA 11+32.77
Y= 152409.787
X= 458854.382

OF

NE/NW

NW/NE

LACROSSE

REVISION DATE	DATE 2-7-2017	NOT TO SCALE	HWY: BRAUND ST/CTH PH	STATE R/W PROJECT NUMBER 5991-02-53	PLAT SHEET 4.03	
	GRID FACTOR N/A		COUNTY: LACROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-54/55	PS&E SHEET 25	E

FILE NAME : P:\KO\O\Onala\133149\C3d\RW\PROJCT OVERVIEW.dwg
LAYOUT NAME - PROJCT OVERVIEW - 4.12

PLOT DATE : 2/7/2017 9:45 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 75

Point	Station	Offset
550	13+28.00	59.00' LT
551	13+29.00	51.00' LT
552	12+75.00	54.03' LT
553	12+75.00	59.00' LT
554	13+25.00	63.00' LT
555	13+25.00	58.50' LT
556	11+45.44	49.00' LT
557	11+65.00	44.28' LT
558	11+80.00	45.73' LT
559	12+20.00	43.00' LT
560	12+65.00	42.00' LT
561	12+65.00	54.00' LT
562	13+47.03	53.00' LT
563	20+64.74	47.36' LT
564	20+83.00	32.38' LT
571	12+55.00	40.00' LT
572	17+13.00	36.92' RT
573	17+13.00	40.00' RT
574	16+16.00	40.00' RT
575	16+16.00	36.94' RT
576	18+97.00	36.88' RT
577	18+97.00	40.00' RT
578	19+18.00	40.00' RT
579	19+18.00	36.88' RT
580	19+39.00	36.87' RT
581	19+39.00	40.00' RT
582	19+94.00	40.00' RT
583	20+27.70	74.06' RT
584	19+98.00	36.86' RT
585	20+13.20	44.68' RT
586	20+25.33	64.35' RT
587	102+60.00	33.14' RT
588	102+60.00	38.00' RT
589	102+75.00	38.00' RT
590	102+75.15	33.18' RT
591	103+10.00	33.28' RT
592	103+10.00	38.00' RT
593	103+25.00	38.00' RT
594	103+25.00	33.32' RT
595	101+77.50	44.00' LT
596	103+50.00	44.00' LT
597	103+50.00	38.00' LT
598	101+76.21	39.00' LT
599	103+25.00	39.00' LT
600	103+25.00	32.68' LT
628	11+32.77	0.00' LT
629	13+47.03	0.00' LT
641	13+47.03	41.39' LT
638	11+74.58	47.79' LT
642	11+75.00	53.00' LT
643	12+20.00	48.00' LT
644	12+65.00	47.00' LT

HISTORICAL BASIS OF R/W	
CSM VOL 2, PG 211 DOC# 955842	8/24/1984
CSM VOL 7, PG 115 DOC# 752031	1/2/1997
OAKLAND ADDITION DOC# 698251	4/27/1959
VALLEY VIEW BUSINESS PARK ADDITION DOC# 968077	4/30/1985
RELOCATION ORDER CO-181	6/11/1985

CITY

ONALASKA

NE/NW 15-16-7

NW/NE 15-16-7

SW/SE 10-16-7

SE/SW 10-16-7

DUTTON ST

60'

RECIPROCAL EASEMENT
DOC # 943476
DOC # 948182
DOC # 971028
DOC # 1022733
DOC # 1035421

RECIPROCAL EASEMENT
DOC # 943476
DOC # 948182
DOC # 971028
DOC # 1035421

RESTRICTED ACCESS
DOC # 997082

(2) JLP ASSOCIATES II OF EDEN PRAIRIE

INGRESS/EGRESS EASEMENT
DOC # 1022736

(1) VALLEY PLAZA LLC

(100) BLANKET EASEMENT
WISCONSIN-MINNESOTA LIGHT AND POWER COMPANY
DOC # 246813

(3) DEAN A BLUSKE, DIANE E. OLSON, AUDREY L. FREDERICK, AND JANELLE A KOWALSKI

(4) THE LKE LIMITED PARTNERSHIP

(5) BENJAMIN R. MILLER & CRYSTAL D. MILLER

(6) SPIRIT SPE PORTFOLIO 2006-1 LLC

(7) DENNIS T TRUE & VICKI R TRUE

(10) JAE ENTERPRISES LLC

BLOCK TWO OAKLAND ADDITION DOC# 698251

BLOCK ONE VALLEY VIEW BUSINESS PARK ADDITION DOC# 968077

LOT 1 LOT 2 LOT 3 LOT 4 LOT 5 LOT 6 LOT 7 LOT 8 LOT 9 LOT 10 LOT 11 LOT 13

SLOPE INTERCEPT

TLE SLOPE 271 S.F.

TLE SLOPE 552 S.F.

TLE SLOPE 105 S.F.

TLE SLOPE 206 S.F.

TLE SLOPE 297 S.F.

TLE SLOPE 65 S.F.

TLE SLOPE 501 S.F.

TLE SLOPE 74 S.F.

TLE SLOPE 783 S.F.

TLE SLOPE 71 S.F.

TLE SLOPE 188 S.F.

SLOPE INTERCEPT

BEGIN RELOCATION ORDER
STA 11+32.77
Y= 152409.787
X= 458854.382

PI: 11+77.65

PI: 12+86.03

PI: 14+14.16

PI: 14+50.95

PC: 11+32.77

PT: 12+21.88

PC: 12+21.17

PT: 13+39.53

PC: 13+77.16

BP: 10+00.00

EP: 21+52.31

BP: 100+00.00

PI: 101+11.66

PI: 101+53.18

PI: 102+00.00

PI: 103+00.00

MATCHLINE STA 103+75

STA 101+43.54 CTH PH

STA 20+43.37 BRAUND STREET =
STA 101+31.85 CTH PH
Y= 153313.935
X= 458826.835

Y= 153308.662
X= 458807.340

Y= 153319.5032
X= 458847.420

3/4" REBAR
Y= 155257.980
X= 458809.130

3/4" REBAR

1" IP
Y= 152619.878
X= 458848.522

N74° 51' 50"E

N74° 51' 50"E 101+00

N74° 51' 50"E 102+00

N30° 27' 59"W

BRAUND ST

COUNTY ROAD PH

STH 15

66'

67'

69'

90'

80'

24'

PI STA = 11+77.65
PIY = 152448.467
PIX = 458831.628
DELTA = 24°20'57"
D = 27°32'46"
T = 44.87'
L = 88.39'

PI STA = 12+86.03
PIY = 152557.580
PIX = 458819.934
DELTA = 15°25'12"
D = 14°19'26"
T = 54.15'
L = 107.65'

PI STA = 14+14.16
PIY = 152684.672
PIX = 458840.753
DELTA = 10°34'12"
D = 14°19'26"
T = 37.00'
L = 73.79'

CROSS EASEMENT AGREEMENT
BLANKET DESCRIPTION
DOC # 955171
DOC # 990021
DOC # 1016928

LOT 1 CSM VOL 7 PG 115 DOC# 752031

LOT 1 CSM VOL 2 PG 211 DOC# 955842

LOT 2 CSM VOL 7 PG 115 DOC# 752031

APPROXIMATE SECTION LINE

OUTLOT 1

OUTLOT 2

From	To	Direction	Distance
1101	1100	S00°51'20"E	2638.39'
1100	629	S85°32'08"W	18.68'
629	630	S09°18'10"W	7.50'
631	632	S06°07'02"E	10.71'
628	556	S77°24'06"W	50.98'
556	557	N13°08'24"W	24.40'
557	638	N36°56'42"W	12.21'
638	558	N00°59'23"W	6.95'
558	559	N08°44'16"W	48.53'
559	560	N03°09'52"W	48.74'
560	561	S88°37'39"W	12.00'
561	550	N00°49'49"W	72.00'
550	551	N89°37'50"E	8.08'
551	562	N02°57'05"E	19.49'
562	629	S80°41'49"E	53.00'

From	To	Direction	Distance
1100	634	N00°51'20"W	737.07'
634	598	N74°44'57"E	22.76'
598	599	N74°44'57"E	148.86'
599	600	S15°08'10"E	6.32'
600	635	S15°08'10"E	32.68'
635	636	S74°51'50"W	135.00'
636	586	S15°08'10"E	32.94'
586	585	S57°04'11"W	23.10'
585	584	S25°57'22"W	17.09'
584	637	S88°43'59"W	25.87'
637	634	N00°51'20"W	88.06'

From	To	Direction	Distance
562	641	S80°41'49"E	11.61'
641	629	S80°41'49"E	41.39'

Element	Length	Radius	Direction	Distance
CURVE 630-631	107.65'	400.00 L	S01°35'34"W	107.33'
CURVE 632-628	88.39'	208.00 L	S18°17'30"E	87.73'

REVISION DATE	DATE 2-7-2017	SCALE. FEET 0 50 100	HWY:BRAUND ST / CTH PH	STATE R/W PROJECT NUMBER 5991-02-53	PLAT SHEET 4.04
	GRID FACTOR N/A		COUNTY: LACROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-54/55	PS&E SHEET 26 E

FILE NAME : 4.08 BRAUND-PH.DWG
LAYOUT NAME - 4.08 BRAUND-PH - 4.08

PLOT DATE : 2/7/2017 9:46 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 75

CITY

OF

ONALASKA

4

4

GN

PL

LOT 2

BLOCK TWO VALLEY VIEW BUSINESS PARK ADDITION DOC# 968077

LOT 13

BLOCK THREE VALLEY VIEW BUSINESS PARK ADDITION DOC# 968077

LOT 1

LESTER AVE

66'

80'

THEATER RD

(10) JAE ENTERPRISES LLC

(11) CENTURYTEL OF WISCONSIN LLC

(12) VALLEY VIEW BUSINESS PARK

(13) THE AUDIO VIDEO PROS INC

(14) CMJ INVESTMENTS LLC

LOT 2 CSM VOL 7 PG 77 DOC# 1161531

TLE SLOPE 88 S.F.

TLE SLOPE 733 S.F.

SLOPE INTERCEPT

TLE SLOPE 711 S.F.

TLE SLOPE 50 S.F.

TLE SLOPE 229 S.F.

TLE SLOPE 130 S.F.

TLE SLOPE 88 S.F.

TLE SLOPE 123 S.F.

569 570 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627

IP

EP: 114+06.07

MATCHLINE STA 103+75

104+00 105+00 106+00 107+00 108+00 109+00 110+00 111+00 112+00 113+00 114+00

99' 99'

N74° 51' 50"E

COUNTY ROAD PH

TLE SLOPE 67 S.F.

TLE SLOPE 213 S.F.

TLE SLOPE 285 S.F.

END RELOCATION ORDER
STA 112+00.00
Y= 153592.841
X= 459857.926

3/4" REBAR
Y= 155257.980
X= 458809.130

231.46'
N74° 51' 50"E
TO STATION
103+75

1" IP
Y= 152619.878
X= 458848.522

1101 T16N R7W 10

1100 T16N R7W 10 15

CROSS EASEMENT AGREEMENT
BLANKET DESCRIPTION
DOC # 955171
DOC # 990021
DOC # 1016928

(101) NORTHERN STATES POWER COMPANY ELECTRIC & GAS DISTRIBUTION EASEMENT DOC # 1162031

(6) SPIRIT SPE PORTFOLIO 2006-1 LLC

LOT 1 CSM VOL 2 PG 211 DOC# 955842

LOT 2 CSM VOL 7 PG 115 DOC# 752031

LOT 2 CSM VOL 2 PG 211 DOC# 955842

CITY OF ONALASKA MUNICIPAL EASEMENT DOC # 962629

SW/SE
10-16-7

66'

THEATER RD

HISTORICAL BASIS OF R/W	
CSM VOL 2, PG 211 DOC# 955842	8/24/1984
CSM VOL 7, PG 115 DOC# 752031	1/2/1997
OAKLAND ADDITION DOC# 698251	4/27/1959
VALLEY VIEW BUSINESS PARK ADDITION DOC# 968077	4/30/1985
RELOCATION ORDER CO-181	6/11/1985

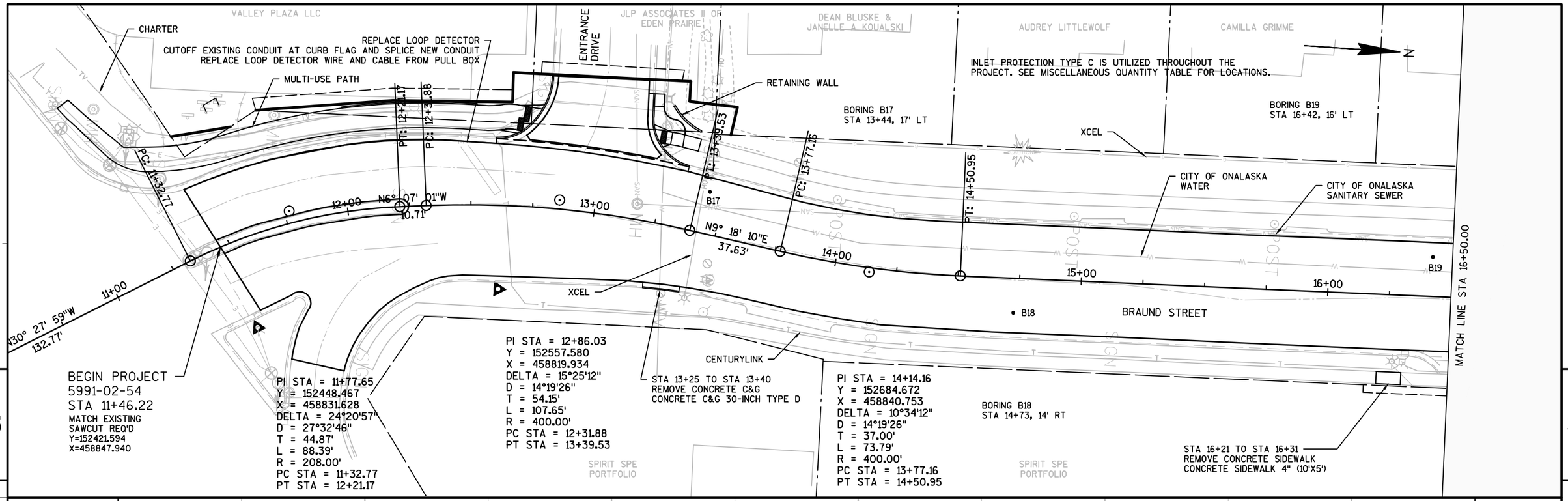
Point	Station	Offset
569	106+98.50	42.00' LT
570	107+06.00	32.07' LT
601	104+00.00	33.53' RT
602	104+00.00	38.00' RT
603	104+15.00	38.00' RT
604	104+15.00	33.57' RT
605	104+45.00	33.66' RT
606	104+45.00	38.00' RT
607	104+95.00	38.00' RT
608	104+95.00	33.80' RT.
609	104+99.00	32.19' LT
610	104+99.00	38.00' LT
611	106+29.29	38.00' LT
612	106+61.00	33.90' RT
613	106+61.00	38.00' RT
614	107+31.00	38.00' RT
615	107+31.00	33.94' RT
616	108+90.00	31.98' LT
617	108+90.00	38.00' LT
618	109+28.00	38.00' LT
619	109+28.00	31.97' LT
620	109+52.00	31.95' LT
621	109+52.00	38.00' LT
622	109+88.00	38.00' LT
623	109+88.00	31.93' LT
624	110+64.00	31.85' LT
625	110+64.00	38.00' LT
626	110+84.00	38.00' LT
627	110+84.00	31.83' LT

REVISION DATE	DATE 2-7-2017	SCALE. FEET 0 50 100	HWY: BRAUND ST / CTH PH	STATE R/W PROJECT NUMBER 5991-02-53	PLAT SHEET 4.05
	GRID FACTOR N/A		COUNTY: LACROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-54/55	PS&E SHEET 27 E

FILE NAME : 4.08 BRAUND-PH.DWG
LAYOUT NAME - 4.08 BRAUND-PH - 4.09

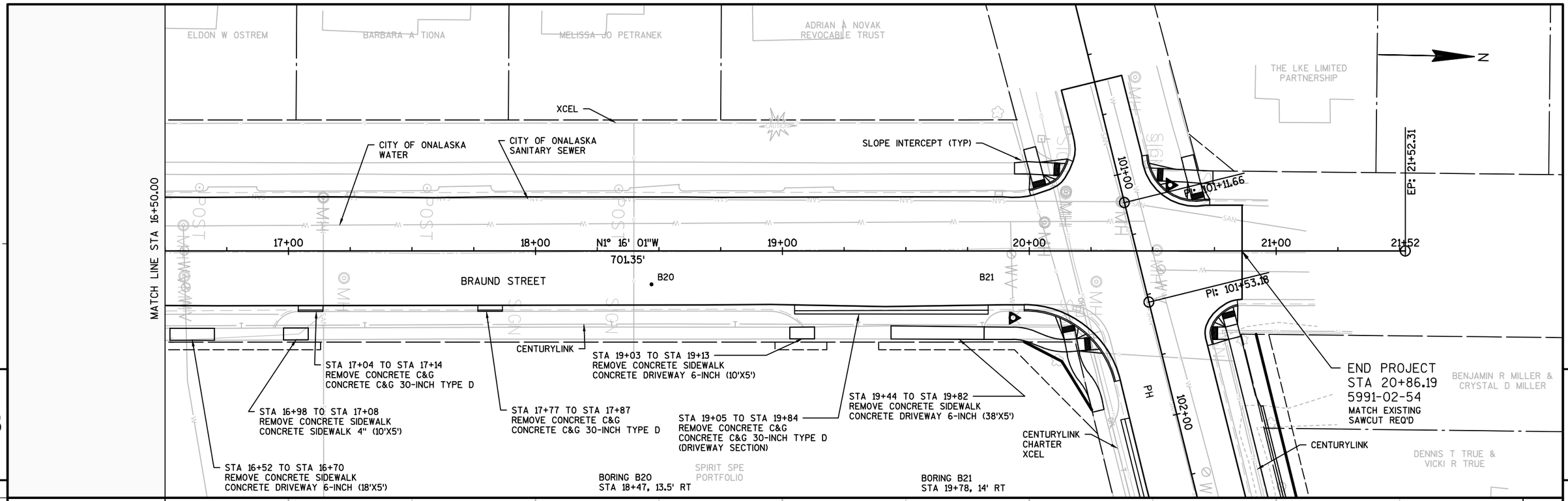
PLOT DATE : 2/7/2017 9:46 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 75



PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	PLAN AND PROFILE: BRAUND STREET	SHEET 28	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\BRAUND\050101-PP-BRAUND.DWG
LAYOUT NAME - 050101-PP-BRAUND - 050109
PLOT DATE : 7/19/2017 5:33 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44



PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	PLAN AND PROFILE: BRAUND STREET	SHEET 29	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\BRAUND\050101-PP-BRAUND.DWG
LAYOUT NAME - 050101-PP-BRAUND - 050110
PLOT DATE : 6/8/2017 3:32 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

BENJAMIN R MILLER & CRYSTAL D MILLER

DENNIS T TRUE & VICKI R TRUE

JAE ENTERPRISES

RETAINING WALL AT BACK OF SIDEWALK SEE SECTIONS

BORING B22 STA 103+22, 15.5' LT

BORING B23 STA 105+26, 15.5' LT

CITY OF ONALASKA WATER

STA 104+73 TO STA 104+78
REMOVE CONCRETE C&G
CONCRETE C&G 30-INCH TYPE D

CONCRETE DRIVEWAY 6-INCH

STA 101+60 TO STA 106+40
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK 4" (480'X5')

CONCRETE DRIVEWAY 6-INCH

CONCRETE DRIVEWAY 6-INCH

BP: 100+00.00

PI: 101+11.66

PI: 101+53.18

21+00

CENTURYLINK

B22

B23

CITY OF ONALASKA SANITARY SEWER

100+00 N74° 51' 50"E 111.66'

101+00 N74° 51' 50"E 41.52'

102+00

103+00

104+00

105+00

PH

XCEL

CENTURYLINK

MATCH LINE STA 105+50.00

BEGIN PROJECT
5991-02-55
STA 100+61.34
~~MATCH EXISTING~~
SAWCUT REQ'D

XCEL

20+00

BRAUND ST

STA 102+66 TO STA 102+71
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK 4" (5'X5')

STA 103+16 TO STA 103+21
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK 4" (5'X5')

STA 104+76 TO STA 104+91
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK 4" (15'X5')

STA 101+97 TO STA 102+50
REMOVE CONCRETE C&G
CONCRETE C&G 30-INCH TYPE D
(DRIVEWAY SECTION)

STA 104+06 TO STA 104+11
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK 4" (5'X5')

STA 104+51 TO STA 104+61
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK 4" (10'X5')

SLOPE INTERCEPT (TYP)

CENTURYLINK
CHARTER
XCEL

SPIRIT SPE PORTFOLIO

5

5

730

720

710

700

STA 100+61.18 EL 709.07

STA 101+00.00 EL 708.75

STA 101+31.77 EL 708.71

STA 101+50.00 EL 708.75

STA 101+77.77 EL 708.81

STA 102+00.00 EL 708.71

STA 102+50.00 EL 708.51

STA 103+00.00 EL 708.33

STA 103+50.00 EL 708.27

STA 104+00.00 EL 708.08

STA 104+50.00 EL 707.84

STA 105+00.00 EL 707.58

STA 105+50.00 EL 707.33

-0.83% -0.10% 0.22% 0.22% -0.46% -0.40% -0.36% -0.12% -0.39% -0.48% -0.51% -0.51%

EXISTING ℄ PROFILE

FINISHED ℄ PROFILE

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

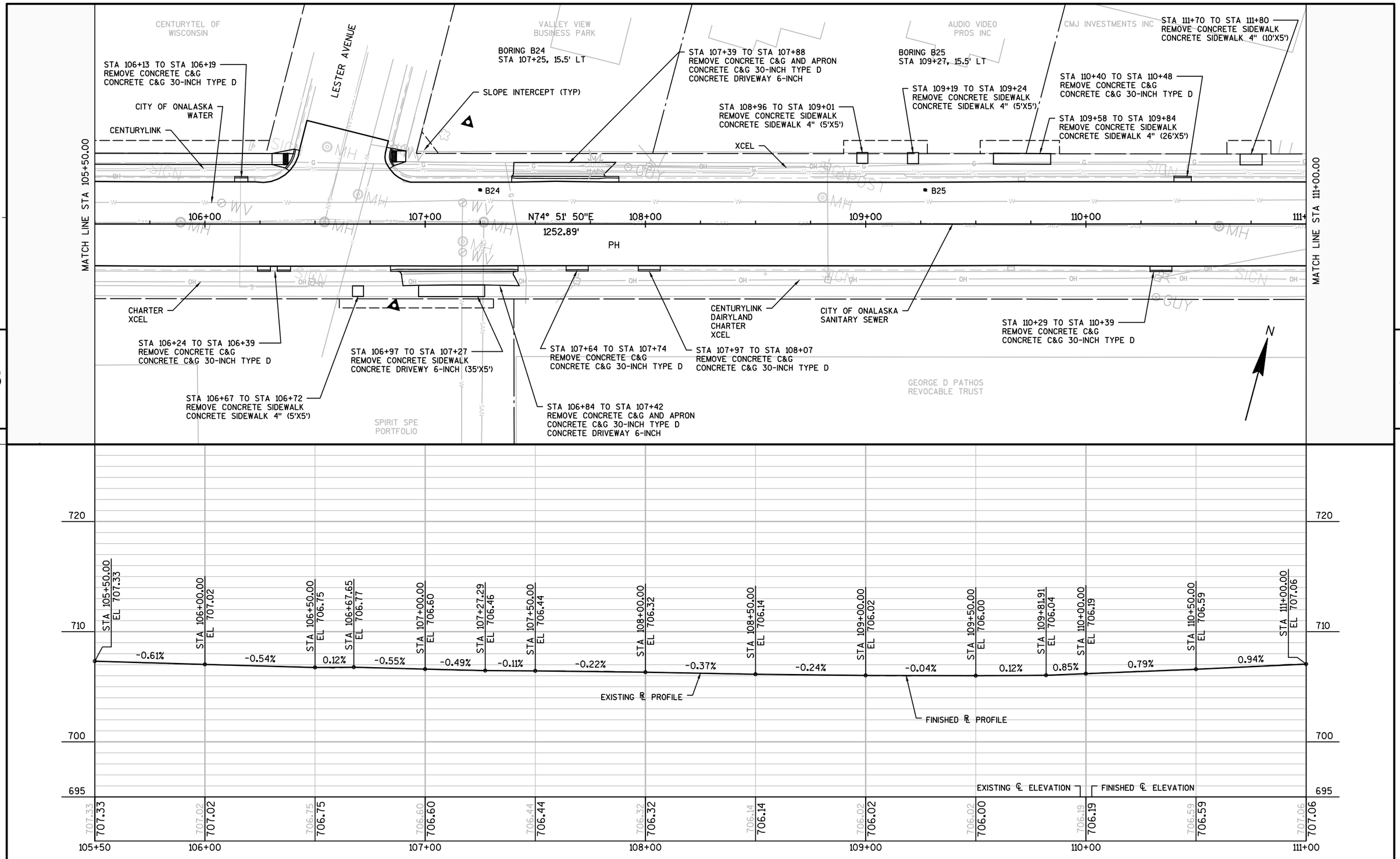
708.75 708.75 708.75 708.71 708.71 708.51 708.51 708.33 708.33 708.27 708.27 708.08 708.08 707.84 707.84 707.58 707.58 707.33 707.33

100+00 101+00 102+00 103+00 104+00 105+00 105+50

PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	PLAN AND PROFILE: PH	SHEET 30	E

FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\050101-PP-PH.DWG
LAYOUT NAME - 050101-PP-PH - 050109

PLOT DATE : 6/8/2017 3:37 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT

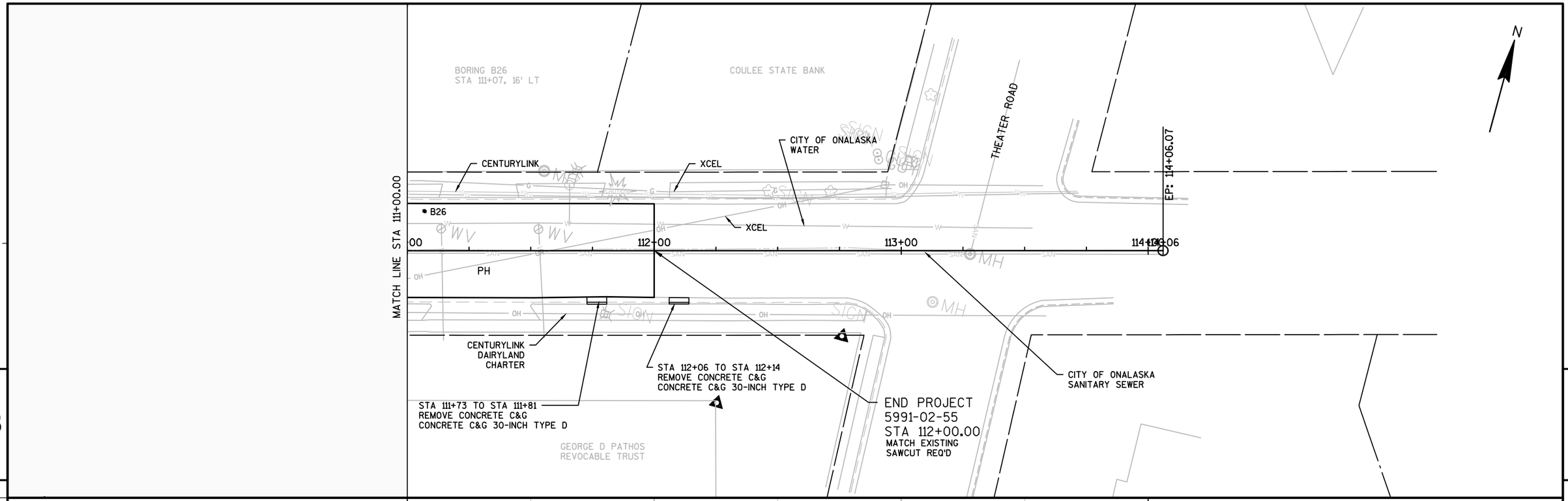


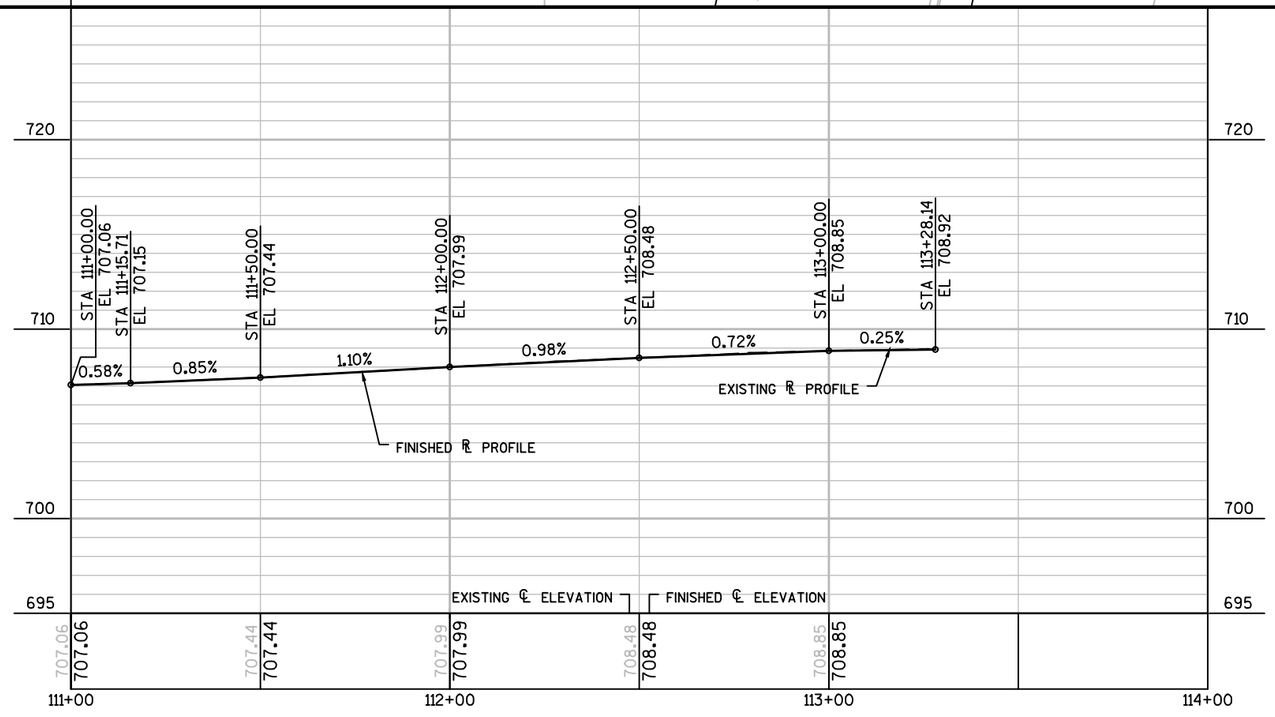
PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	PLAN AND PROFILE: PH	SHEET 31	E

FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\050101-PP-PH.DWG
LAYOUT NAME - 050101-PP-PH - 050110

PLOT DATE : 6/8/2017 2:58 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



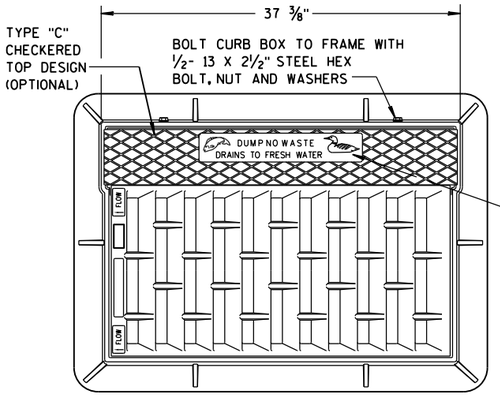


PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	PLAN AND PROFILE: PH	SHEET 32	E

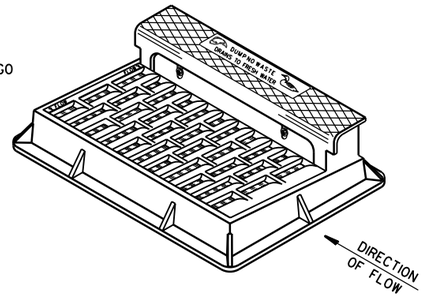
FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\050101-PP-PH.DWG
LAYOUT NAME - 050101-PP-PH - 050111
PLOT DATE : 6/1/2017 10:31 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

Standard Detail Drawing List

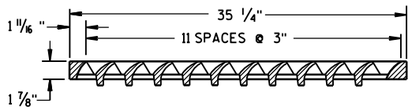
08A05-19A	INLET COVERS TYPE A, H, A-S, H-S & Z
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-20A	CONCRETE CURB & GUTTER
08D01-20B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-19A	CURB RAMPS TYPES 1 AND 1-A
08D05-19B	CURB RAMPS TYPES 2 AND 3
08D05-19C	CURB RAMPS TYPES 4A AND 4A1
08D05-19D	CURB RAMPS TYPE 4B AND 4B1
08D05-19E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-19F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-19G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D18-01	DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y
08D19-01	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08E10-02	INLET PROTECTION TYPE A, B, C AND D
09F08-04	LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW ASPHALTIC PAVEMENT)
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C03-03	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-14A	PAVEMENT MARKING SYMBOLS
15C07-14B	PAVEMENT MARKING WORDS
15C07-14C	PAVEMENT MARKING ARROWS
15C07-14E	PAVEMENT MARKING FOR BIKE LANES
15C08-18A	LONGITUDINAL MARKING (MAINLINE)
15C08-18B	PAVEMENT MARKING (TURN LANES)
15C19-04A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C29-05A	BICYCLE LANE MARKING
15C29-05B	PAVEMENT MARKING FOR SHARED LANE 35 MPH OR LESS
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-01A	PAVEMENT MARKING (INTERSECTIONS)
15D30-03A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-03B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-03C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

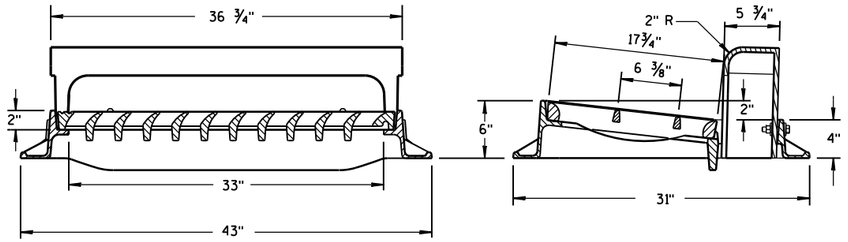


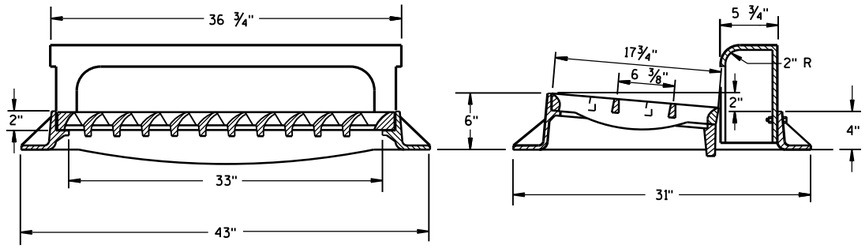
NOTE:
GRATE IS REVERSIBLE.



NOTE: CURB BOX HEIGHT ADJUSTABLE 6" TO 9"

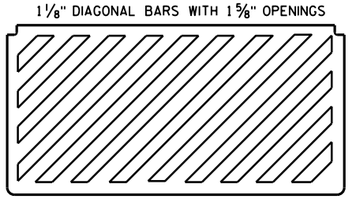






TYPE "H"

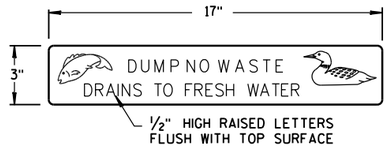
NOTE: EITHER CASTING IS ACCEPTABLE



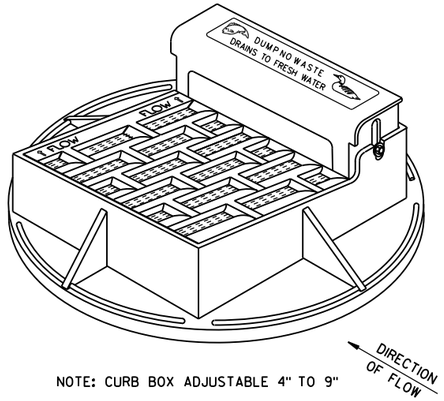
SPECIAL GRATE FOR TYPE "H" COVER

(MEASURES 35 1/4" X 17 3/4" X 2")

(NOTED AS TYPE H-S ON DRAINAGE TABLE)

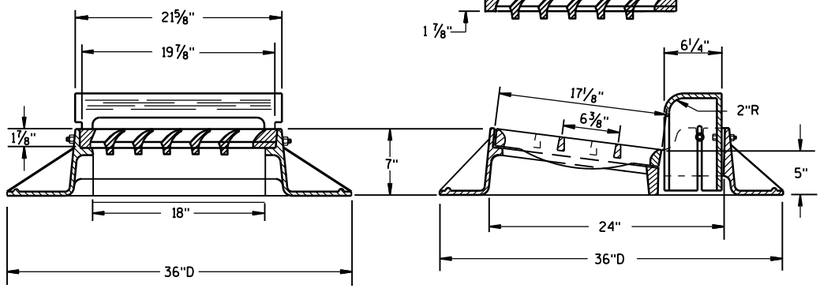


LOGO DETAIL



NOTE: CURB BOX ADJUSTABLE 4" TO 9"

NOTE:
GRATE IS REVERSIBLE.



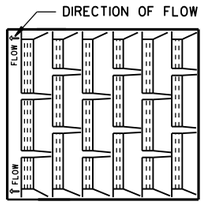
TYPE "A"

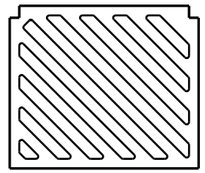
GENERAL NOTES

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.

DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR CATCH BASIN, MANHOLE AND INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ROUND FRAMES AND COVERS SHALL HAVE CONTINUOUSLY MACHINED BEARING SURFACES TO PREVENT ROCKING AND RATTLING.

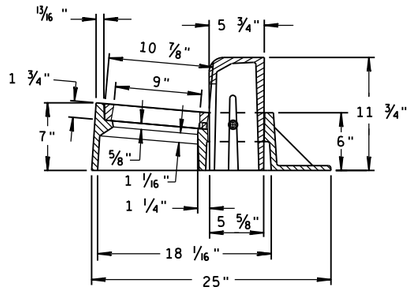


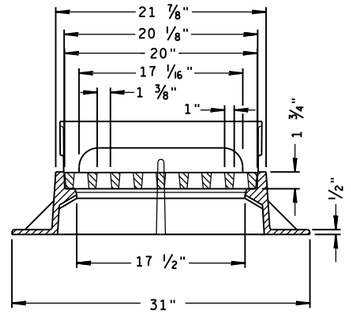


SPECIAL GRATE FOR TYPE "A" COVER

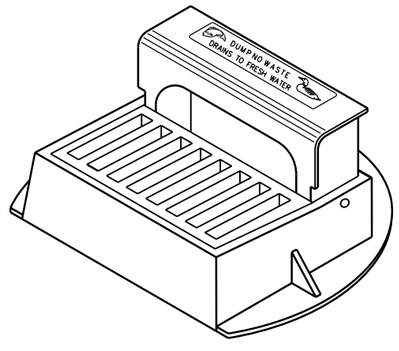
(MEASURES 19 3/4" X 17" X 1 7/8")

(NOTED AS TYPE A-S ON DRAINAGE TABLE)





TYPE "Z"



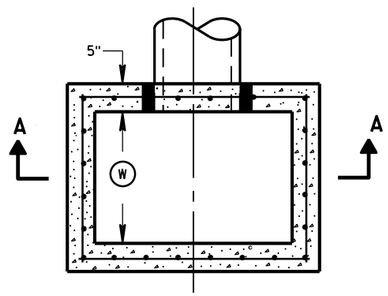
INLET COVERS TYPE A, H, A-S, H-S & Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

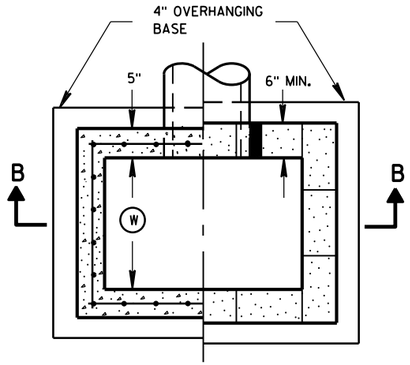
APPROVED
11-27-13 — DATE
/S/ Jerry H. Zogg — ROADWAY STANDARDS ENGINEER
FHWA

6

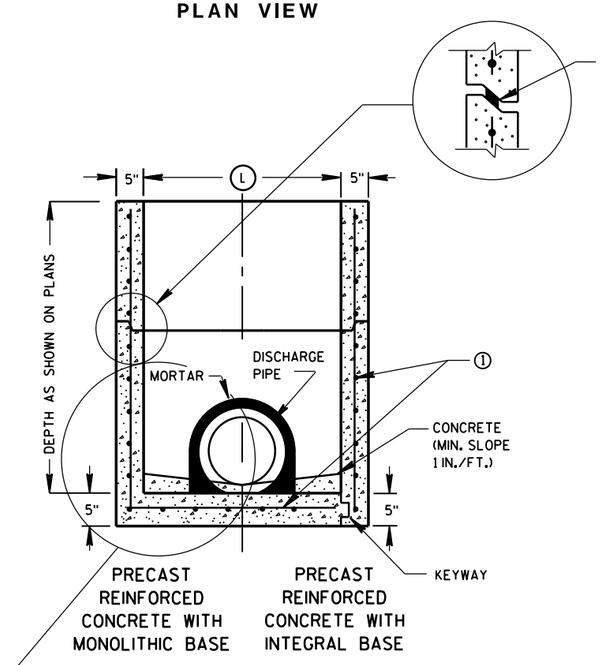
S.D.D. 8 A 5-19a



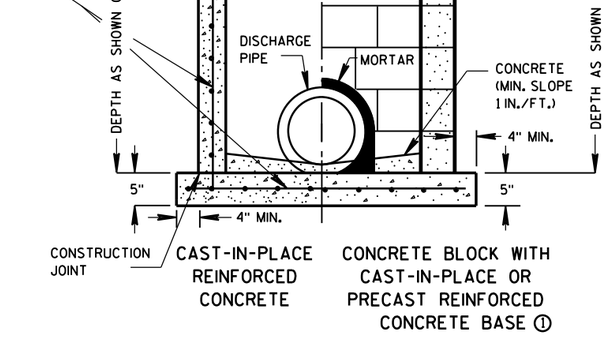
PLAN VIEW



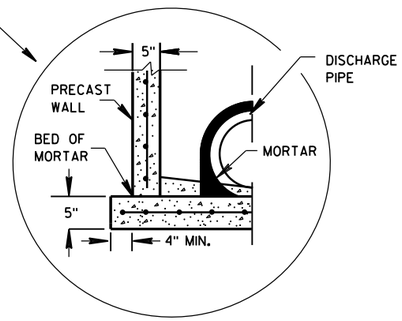
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

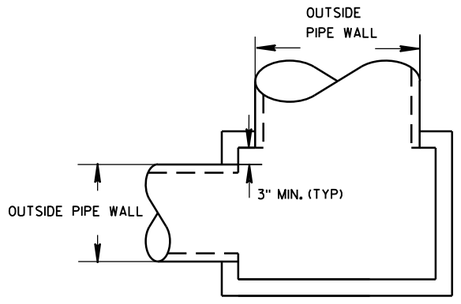
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



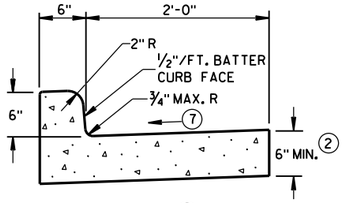
DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

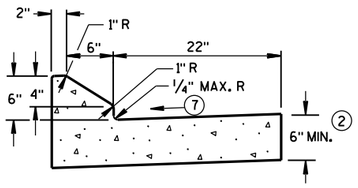
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT UNIT SUPERVIS
FHWA

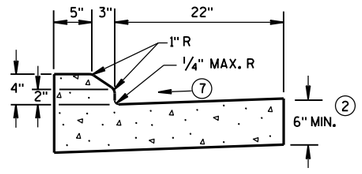
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT



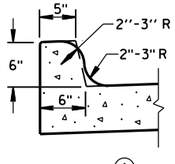
TYPES A (1) & D



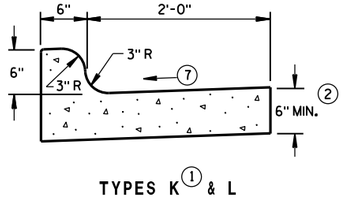
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

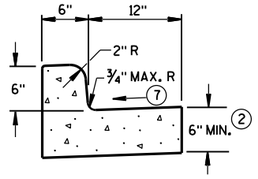


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



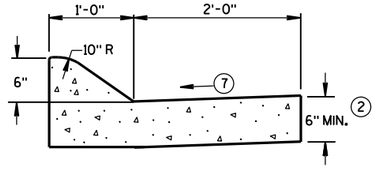
TYPES K (1) & L

CONCRETE CURB & GUTTER 30"

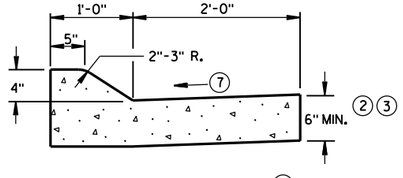


TYPES A (1) & D

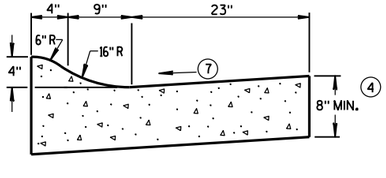
CONCRETE CURB & GUTTER 18"



6" SLOPED CURB TYPES A (1) & D

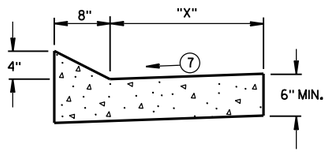


4" SLOPED CURB TYPES A (1) & D



4" SLOPED CURB TYPES R (1) & T (5)

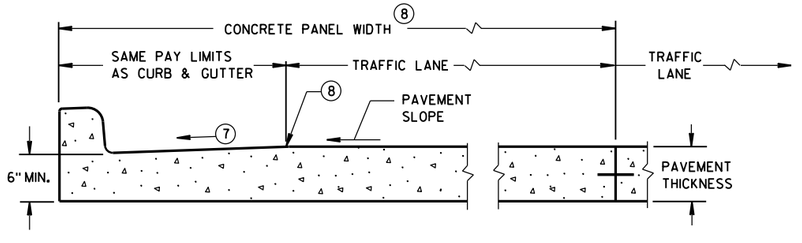
CONCRETE CURB & GUTTER 36"



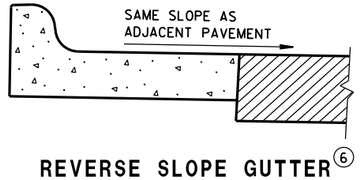
TYPES TBT & TBTT (1)

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB & GUTTER



REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

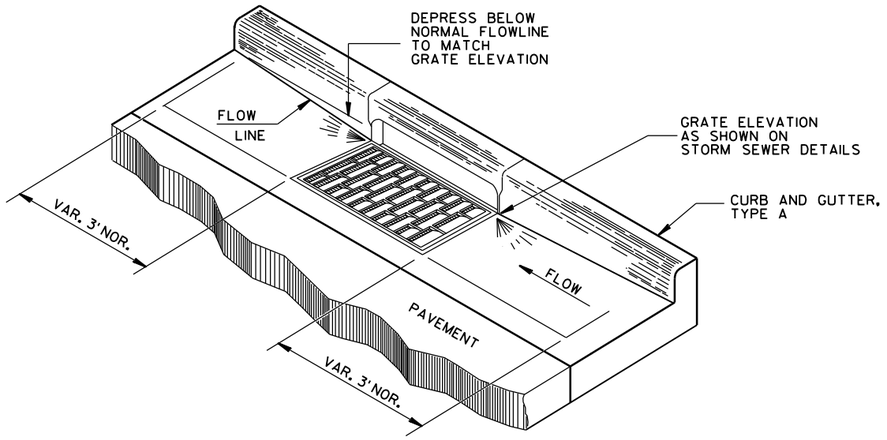
PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'

* BIKE LANE IS NOT SHOWN.

CONCRETE CURB & GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 8 D 1-20a



DETAIL OF CURB AND GUTTER AT INLETS

(TYPE H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

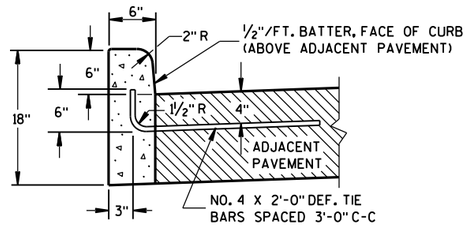
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

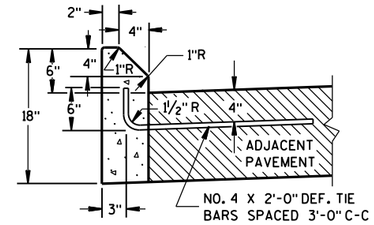
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(9) REFER TO SDD 8D18 AND SDD 8D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

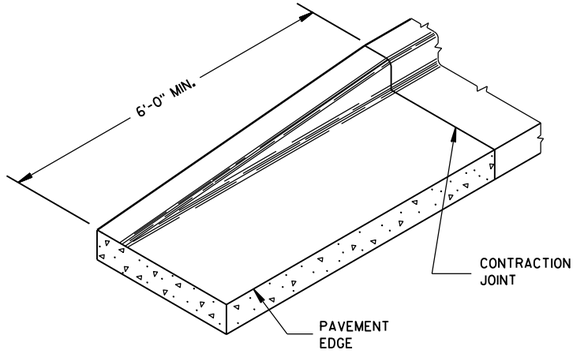


TYPES A (1) & D

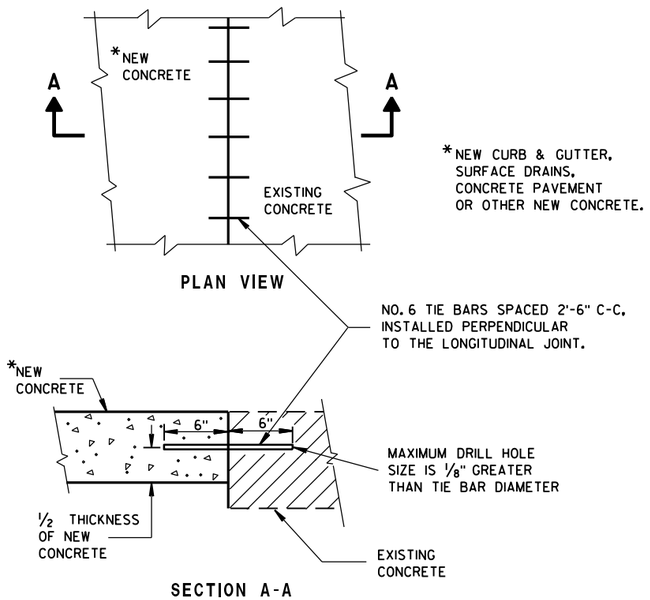


TYPES G (1) & J

CONCRETE CURB



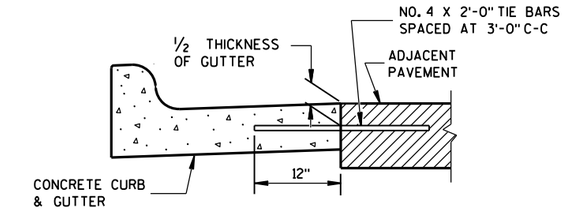
END SECTION CURB & GUTTER



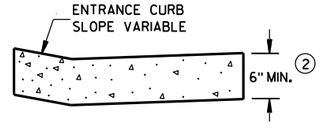
PLAN VIEW

SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (9)

(WHEN DIRECTED BY THE ENGINEER)

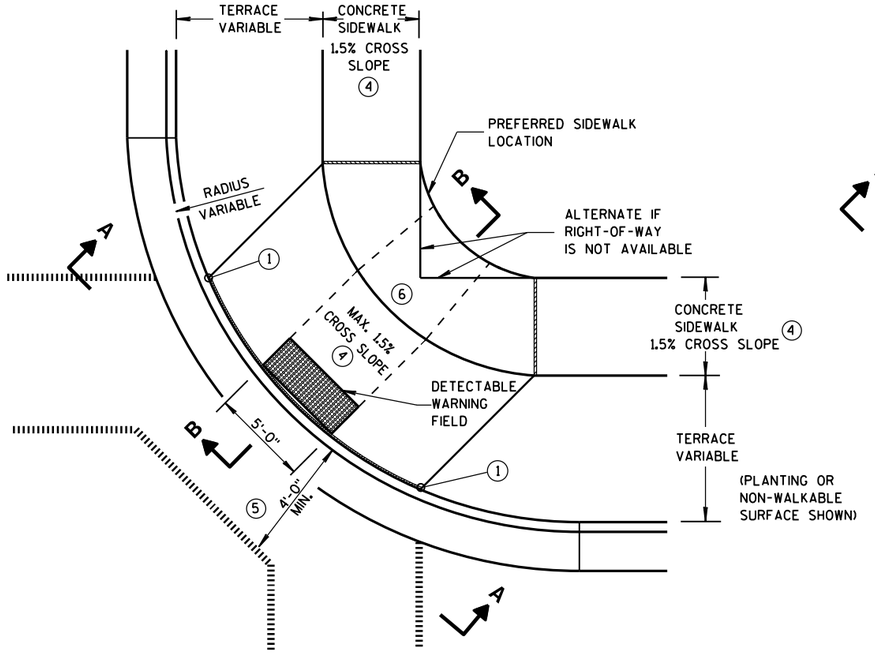
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2017 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS 37 — UNIT SUPERVISOR
ENT
FHWA

6

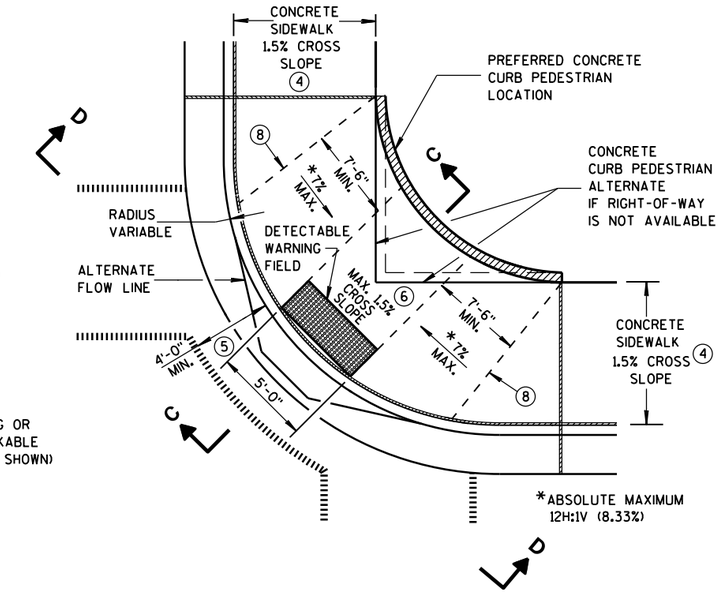
S.D.D. 8 D 1-20b



PLAN VIEW

TYPE 1 RAMP

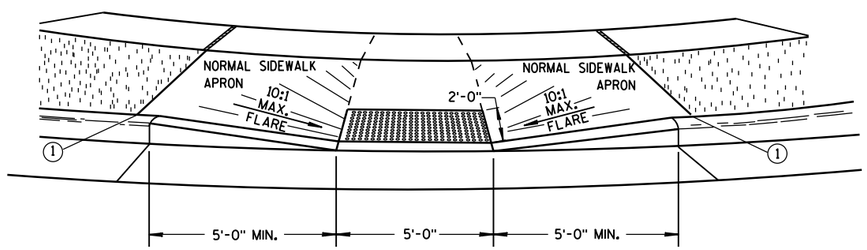
(CENTER OF CORNER RADIUS)



PLAN VIEW

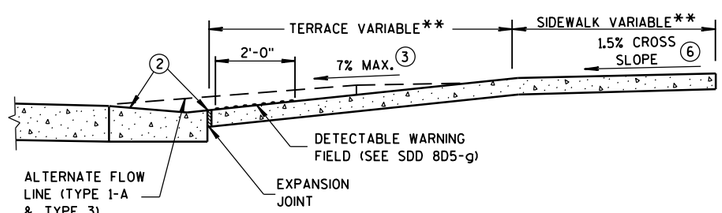
TYPE 1-A RAMP

(NO TERRACE)

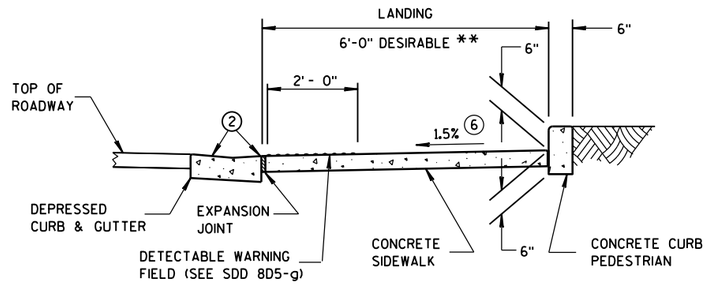


VIEW A-A

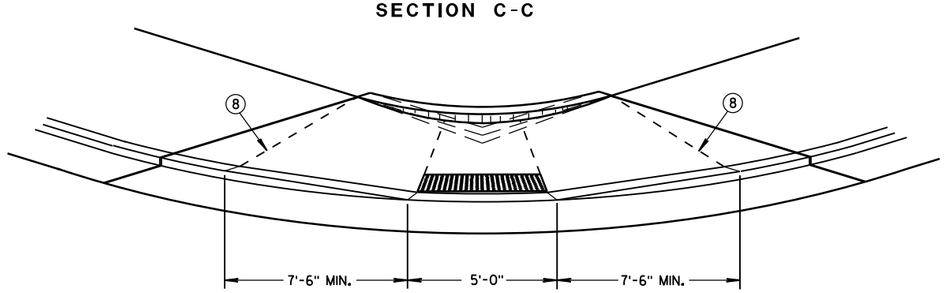
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



SECTION C-C



VIEW D-D

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA. (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

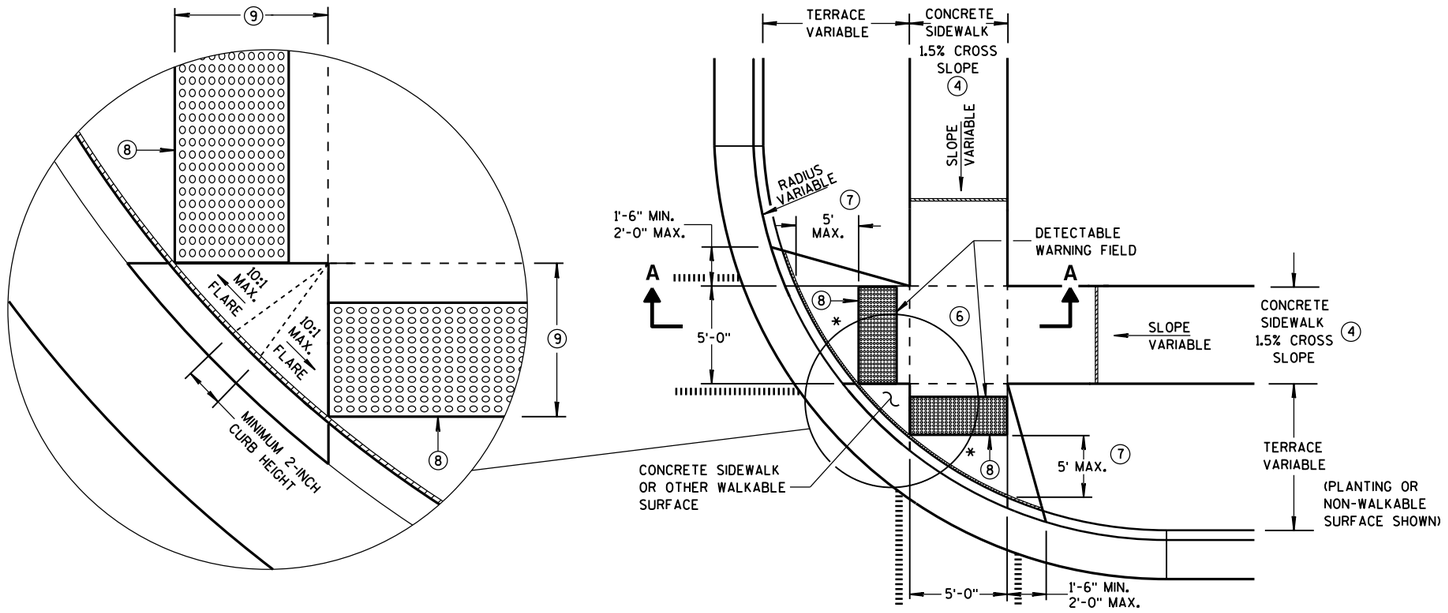
- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

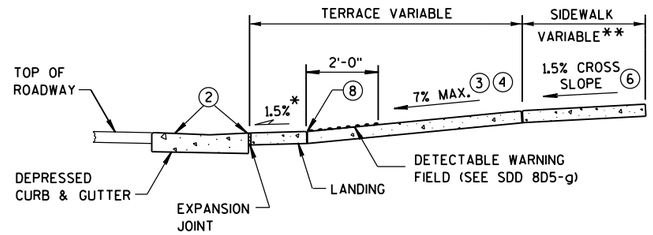
6

S.D.D. 8 D 5-19a



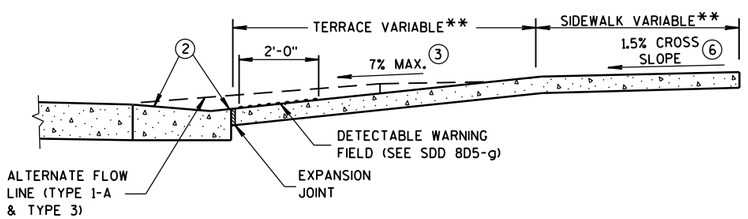
PLAN VIEW
TYPE 2 RAMP
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

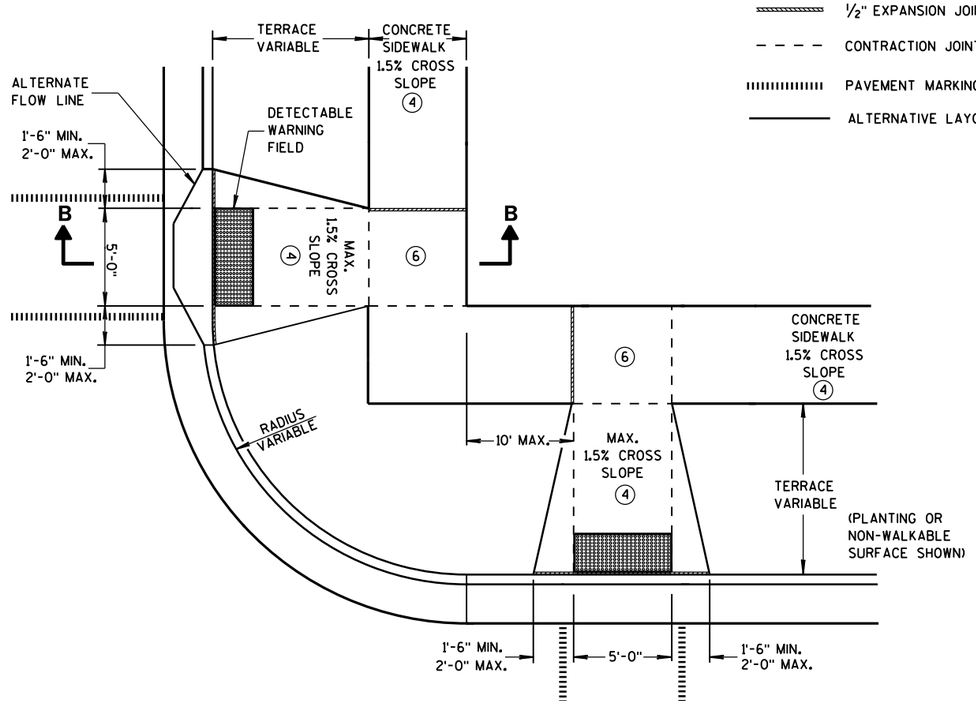


SECTION A-A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



PLAN VIEW
TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN THIS DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND

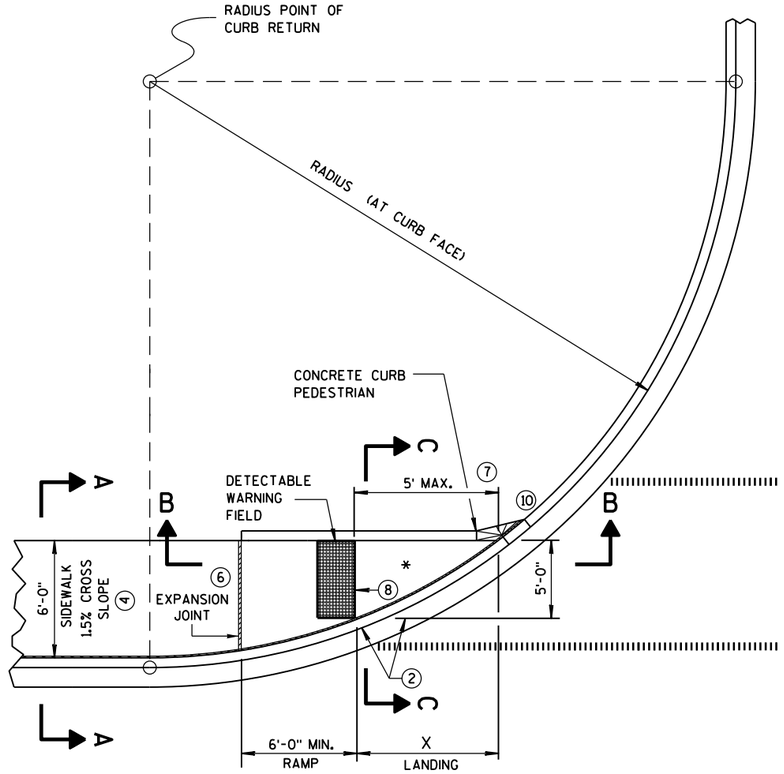
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

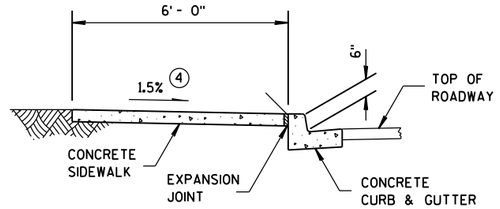
S.D.D. 8 D 5-19b



CURB RAMP TYPE 4A
PLAN VIEW

RADIUS (AT CURB FACE)	X
10 FEET	4'-7"
15 FEET	6'-5½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

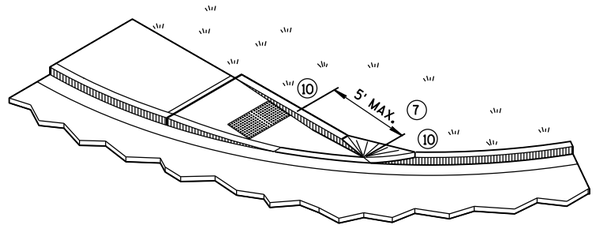
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

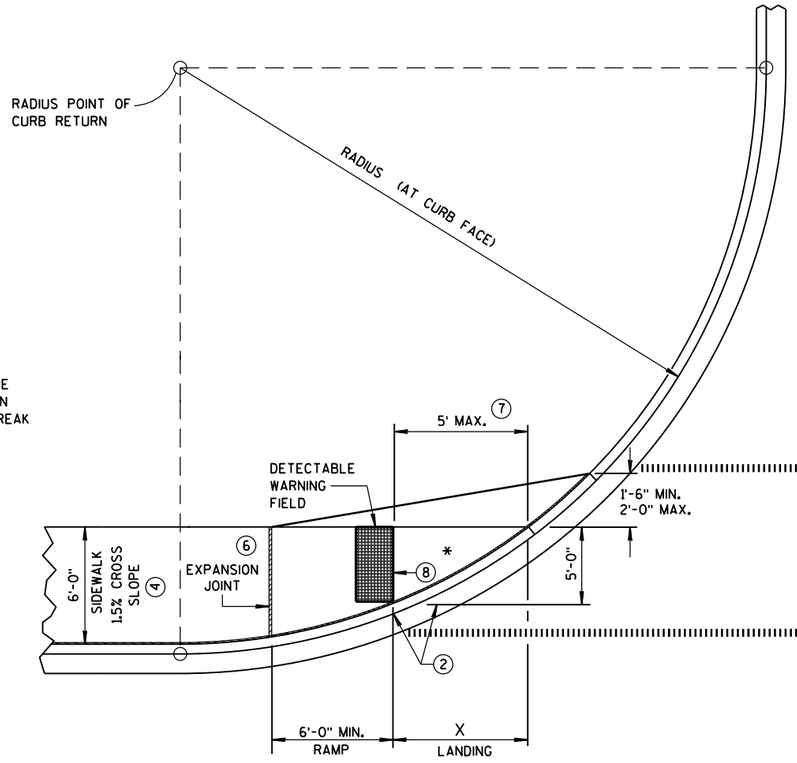
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

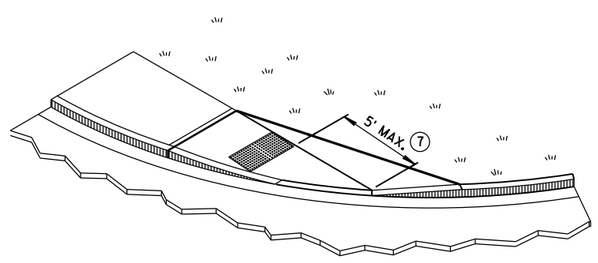
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



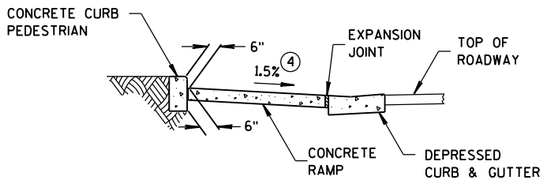
ISOMETRIC VIEW FOR TYPE 4A



CURB RAMP TYPE 4A1
PLAN VIEW

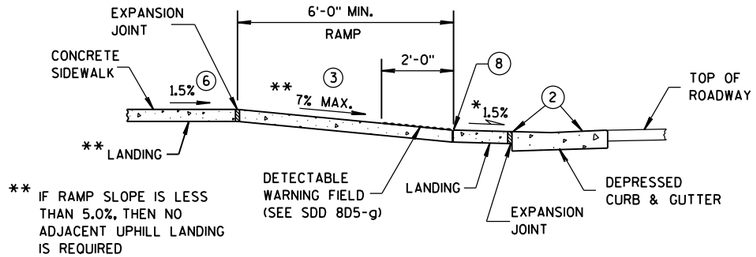


ISOMETRIC VIEW FOR TYPE 4A1



SECTION C-C FOR TYPE 4A

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

SECTION B-B FOR TYPE 4A

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

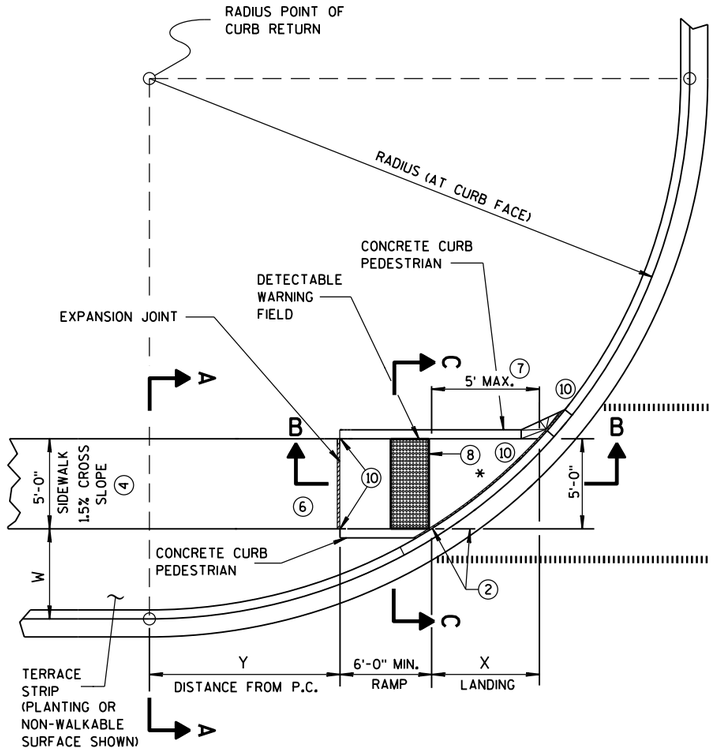
PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 4A AND 4A1

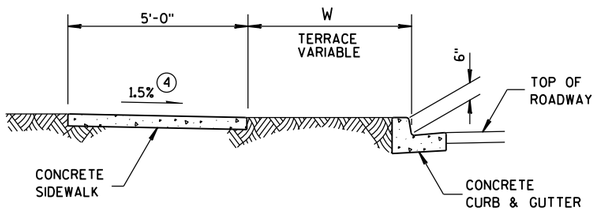
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

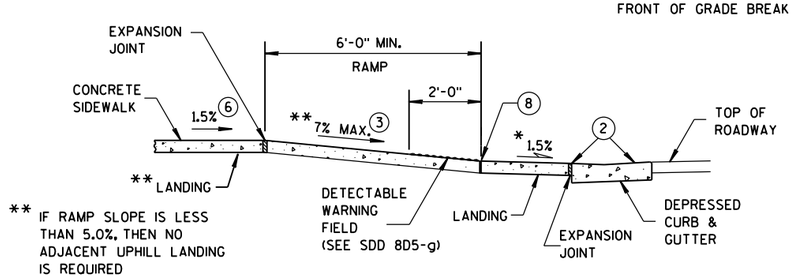
S.D.D. 8 D 5-19c



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B

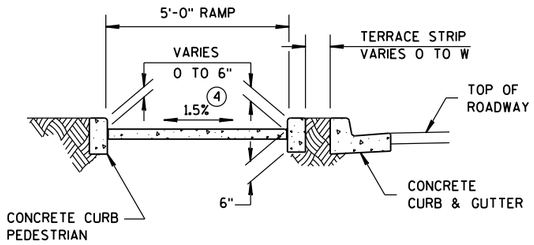


* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

SECTION B-B FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"		W = 8'-0"		W = 9'-0"		W = 10'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2'-10¼"	0'-5"	2'-1"	1'-4½"	1'-5"	2'-1"	0'-10"	2'-7½"	0'-3¼"	3'-0¼"						
15 FEET	4'-6¾"	2'-1¾"	3'-9"	3'-5¼"	3'-1¼"	4'-6"	2'-6¾"	5'-4½"	2'-1"	6'-1"	1'-8"	6'-8½"	1'-3¼"	7'-2½"	0'-10¾"	7'-7¼"
20 FEET	5'-9¾"	3'-6½"	4'-11½"	5'-1¾"	4'-3¼"	6'-5½"	3'-8¾"	7'-7"	3'-3"	8'-6½"	2'-10"	9'-4½"	2'-5½"	10'-1¼"	2'-1¼"	10'-9"
30 FEET			6'-9¼"	7'-11¼"	6'-0¼"	9'-8"	5'-5"	11'-1¾"	4'-10¾"	12'-5¾"	4'-5½"	13'-7¾"	4'-0¾"	14'-8½"	3'-8½"	15'-8¼"
40 FEET									6'-1¾"	15'-8½"	5'-8"	17'-2"	5'-3"	18'-5¾"	4'-10¾"	19'-8¼"
50 FEET															5'-10¼"	23'-2"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C-C FOR TYPE 4B

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

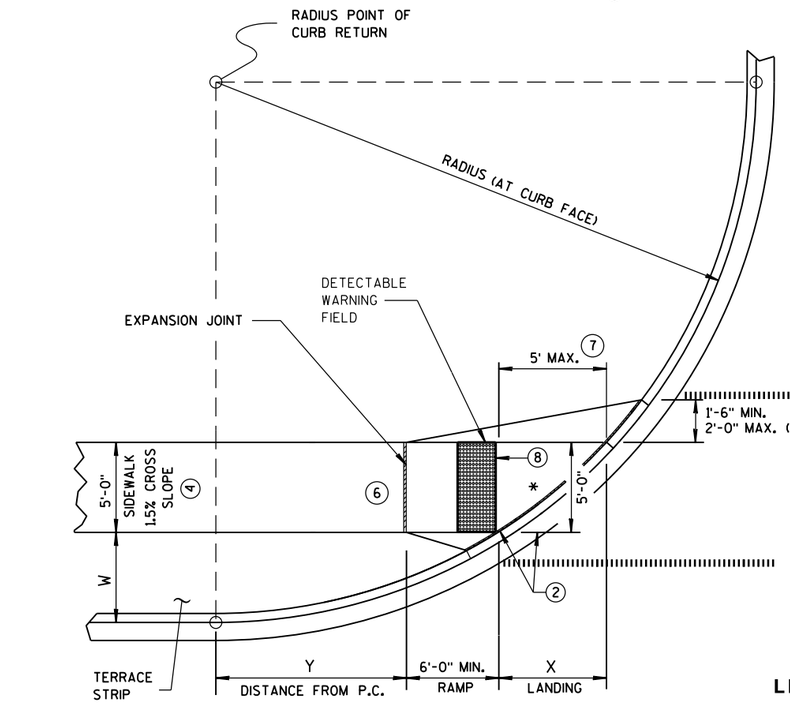
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

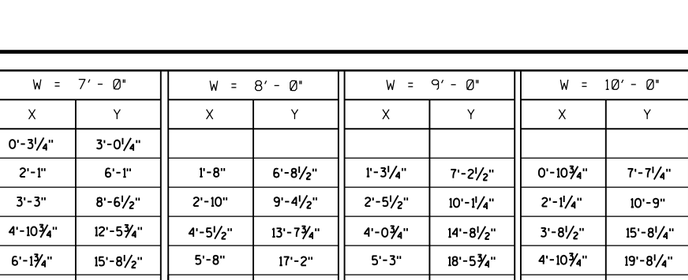
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

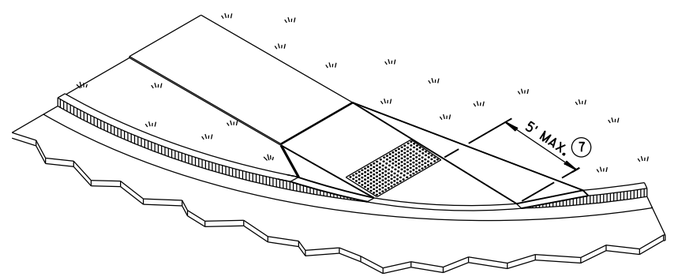
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



CURB RAMP TYPE 4B1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

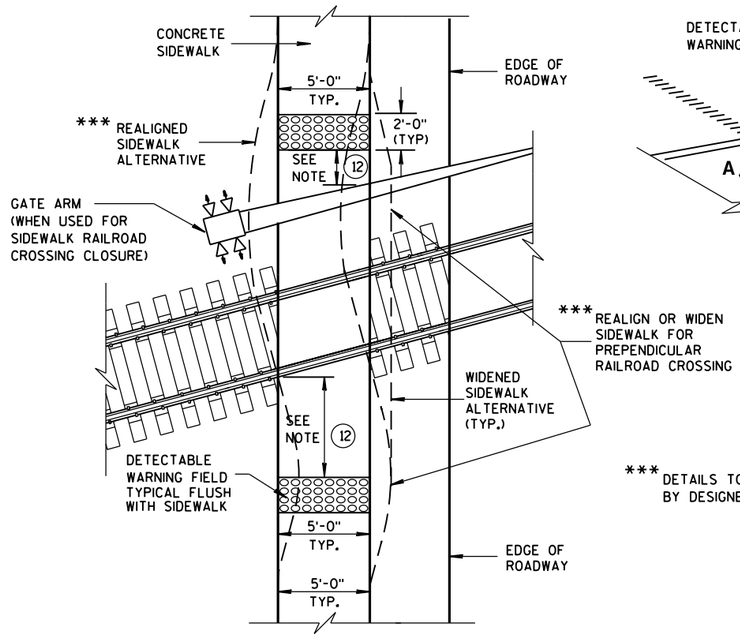
PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 4B AND 4B1

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

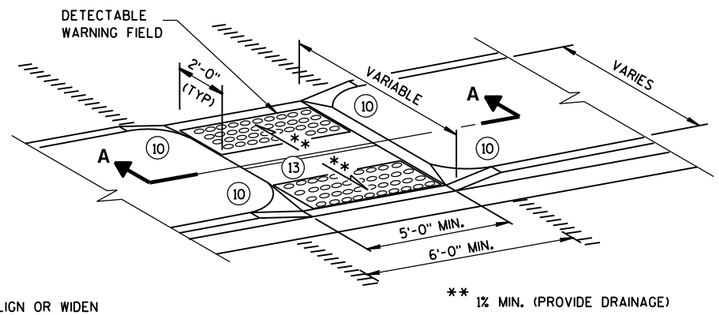
6

S.D.D. 8 D 5-19d



*** DETAILS TO BE DETERMINED BY DESIGNER

TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



** 1% MIN. (PROVIDE DRAINAGE)

MEDIAN ISLAND
NON-ELEVATED PEDESTRIAN CROSSING
TYPE 5

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

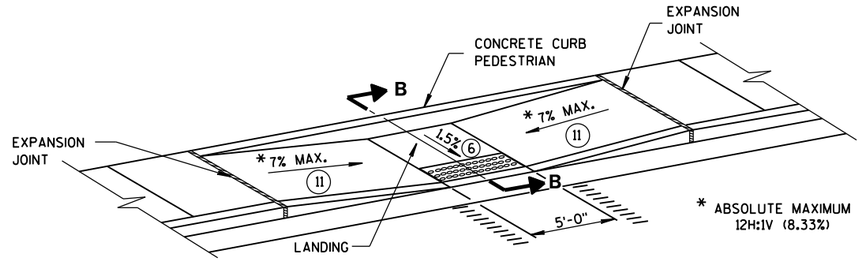
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

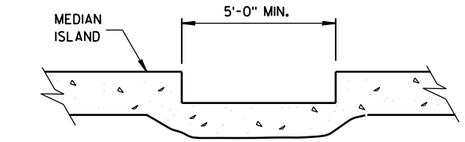
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

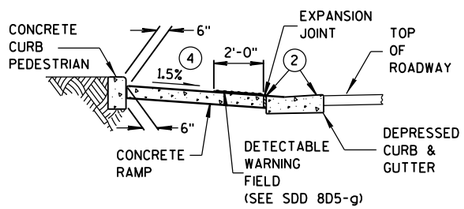
(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STREET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2-FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.



MID-BLOCK CROSSING
TYPE 7A

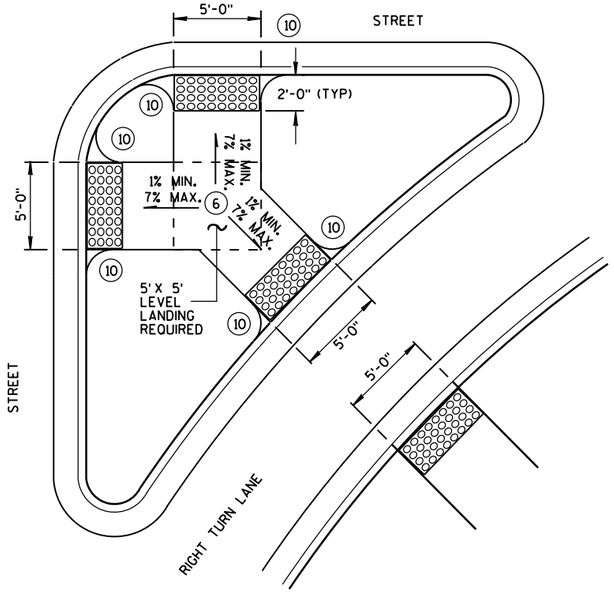


SECTION A-A

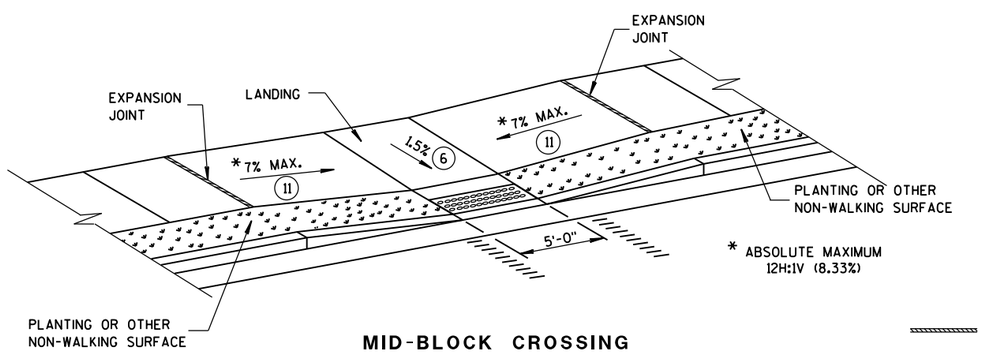


SECTION B-B

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

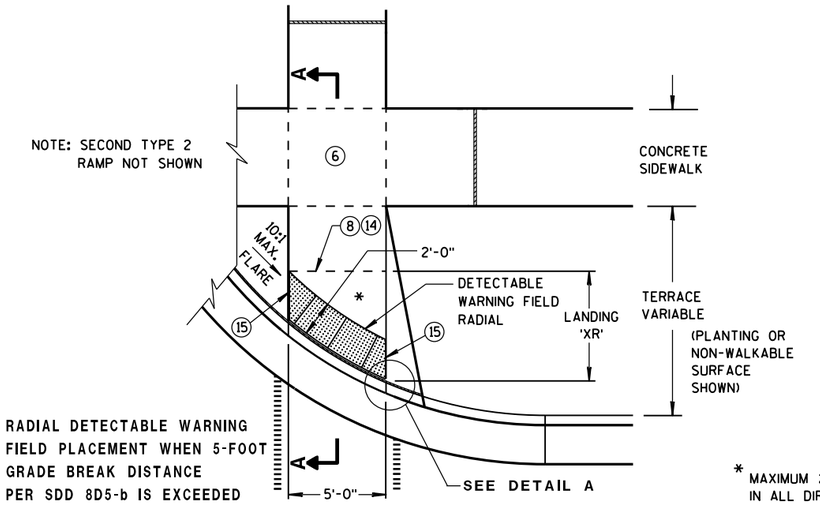
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 8 D 5-19e



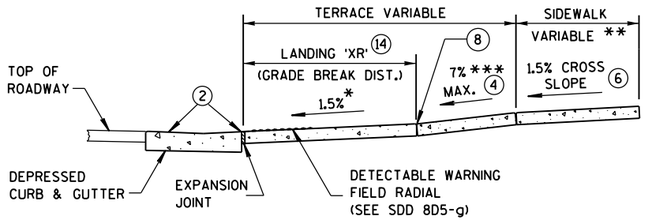
TYPE 2 RAMP
PLAN VIEW
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)

(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** ABSOLUTE MAXIMUM 12H:1V (8.33%)

SECTION A-A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS (DWFs) THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

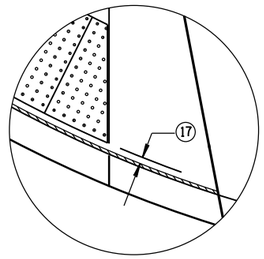
(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION 'XR') REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

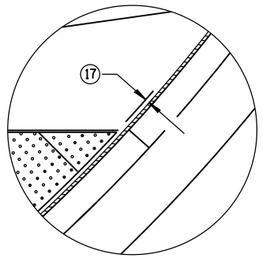
(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1'X 2' RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2'-0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

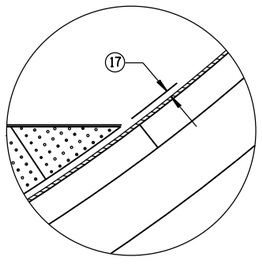
(17) A MAXIMUM 3-INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.



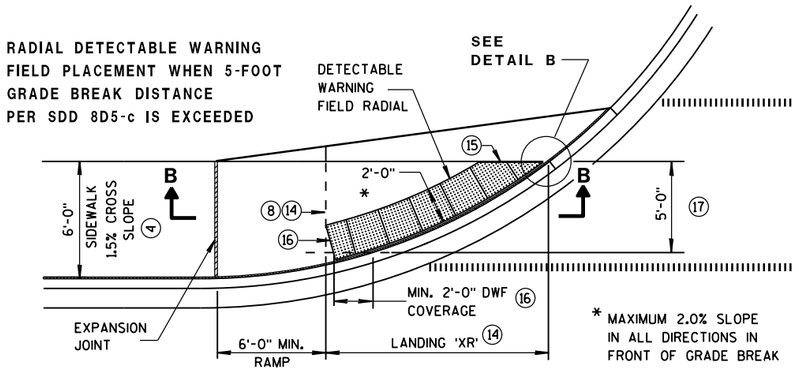
DETAIL A



DETAIL C

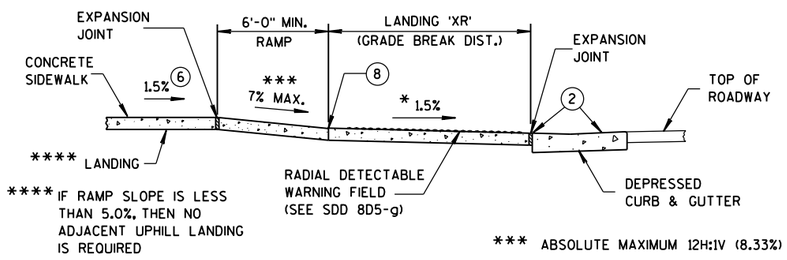


DETAIL B



* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

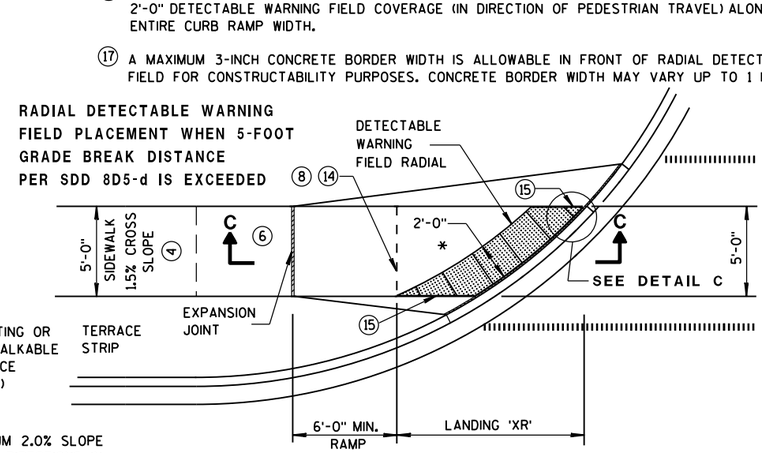
CURB RAMP TYPE 4A1
PLAN VIEW
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

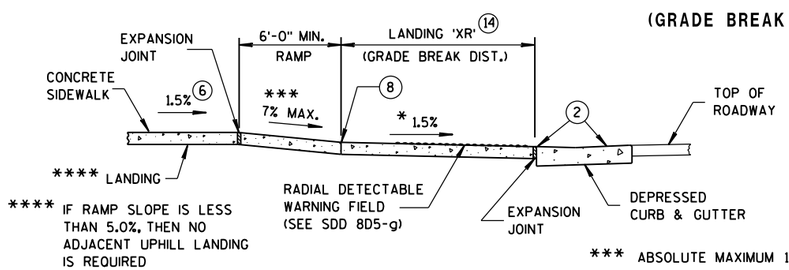
*** ABSOLUTE MAXIMUM 12H:1V (8.33%)

SECTION B-B FOR TYPE 4A1



* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

CURB RAMP TYPE 4B1
PLAN VIEW
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

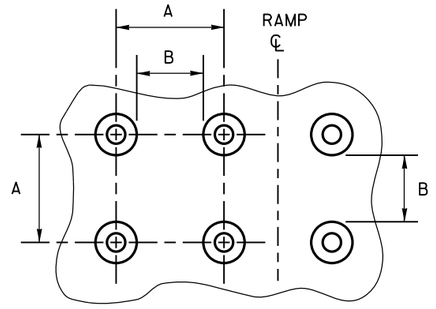
*** ABSOLUTE MAXIMUM 12H:1V (8.33%)

SECTION C-C FOR TYPE 4B1

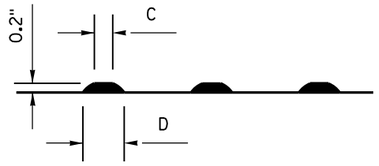
CURB RAMPS
RADIAL DETECTABLE WARNING FIELD APPLICATIONS

	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW

TRUNCATED DOMES

DETECTABLE WARNING PATTERN DETAIL

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.

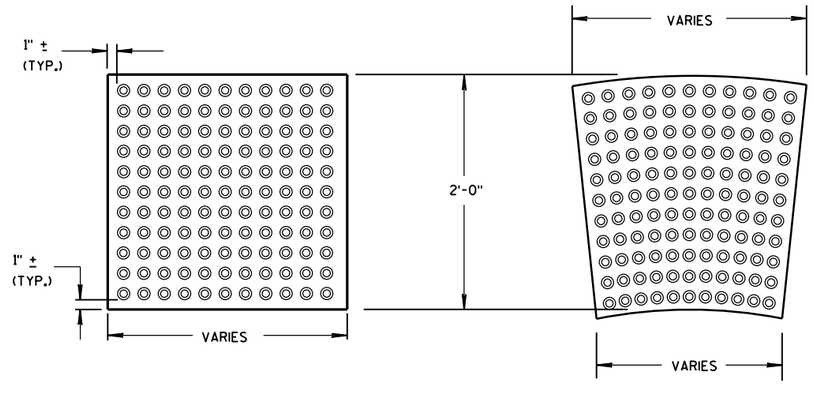
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGES IN COMBINATION WITH SQUARE PANELS ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

⑮ FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

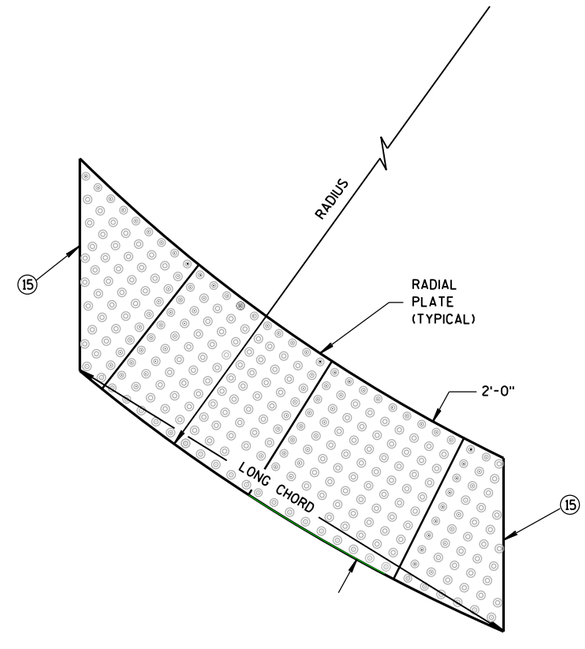


RECTANGULAR PLATES

RADIAL PLATES

DETECTABLE WARNING FIELDS (TYPICAL)

PLAN VIEW



RADIAL DETECTABLE WARNING FIELD ATTRIBUTES

CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERV
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FHWA

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S.D.D. 8 D 5-19g

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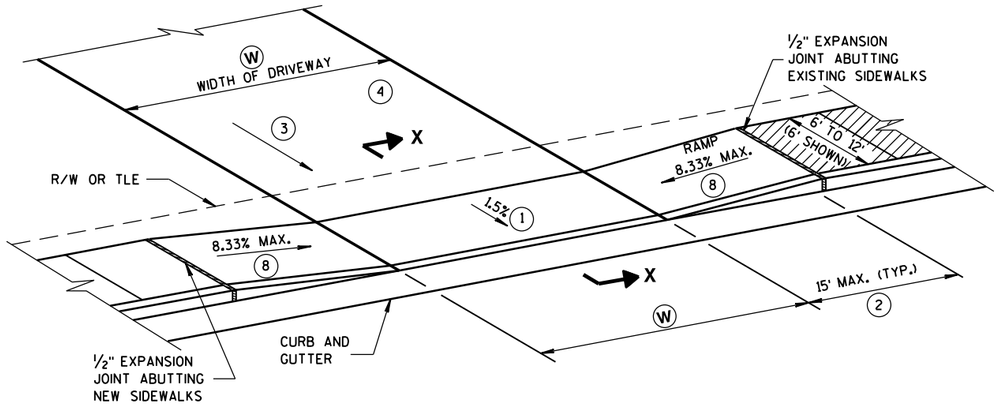
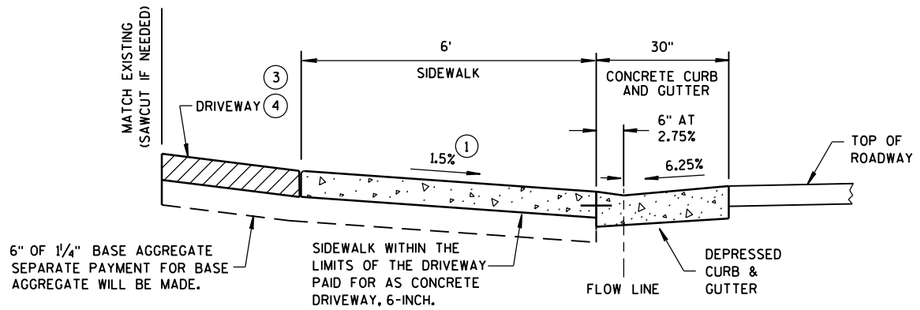
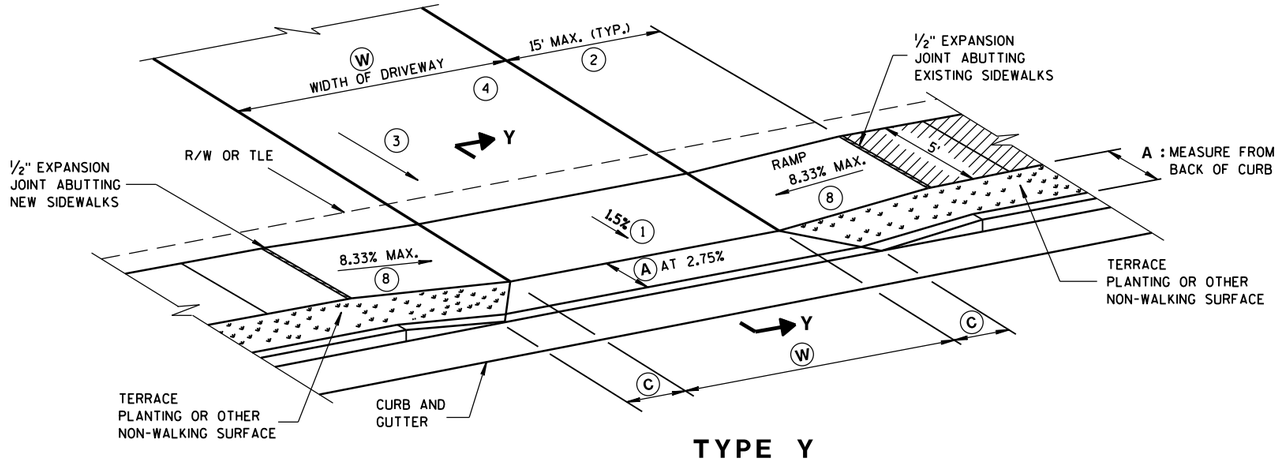
S.D.D. 8 D 5-19g



TYPE X
SIDEWALK ABUTS CURB & GUTTER
TERRACE VARIES 0 TO 3 FEET



SECTION X-X

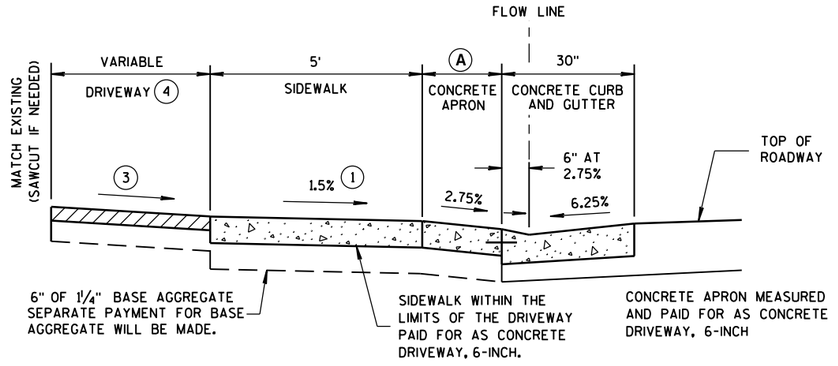


TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

W: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)

GENERAL NOTES

1. CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.
2. THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.
3. DRIVEWAY SLOPES: DESIRABLE MAXIMUM
   - 10.5% UP AWAY FROM SIDEWALK (SAG)
   - 8.5% DOWN AWAY FROM SIDEWALK (CREST)
   - ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG
4. DRIVEWAY TYPES
   - 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
   - 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
   - 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)
5. PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.
6. (W) IS SHOWN ON PLAN AND PROFILE SHEETS.
7. OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.
8. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.



NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y-Y

DRIVEWAY DETAIL
WITH CONCRETE CURB & GUTTER
(URBAN AND SUBURBAN)

TABLE Y

(A) FEET	(C) FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'

NOT TO SCALE

DRIVEWAY AND SIDEWALK RAMPS
TYPES X & Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 — /S/ Rodney Taylor
DATE — ROADWAY STANDARDS UNIT SUPERV

FHWA — ENT

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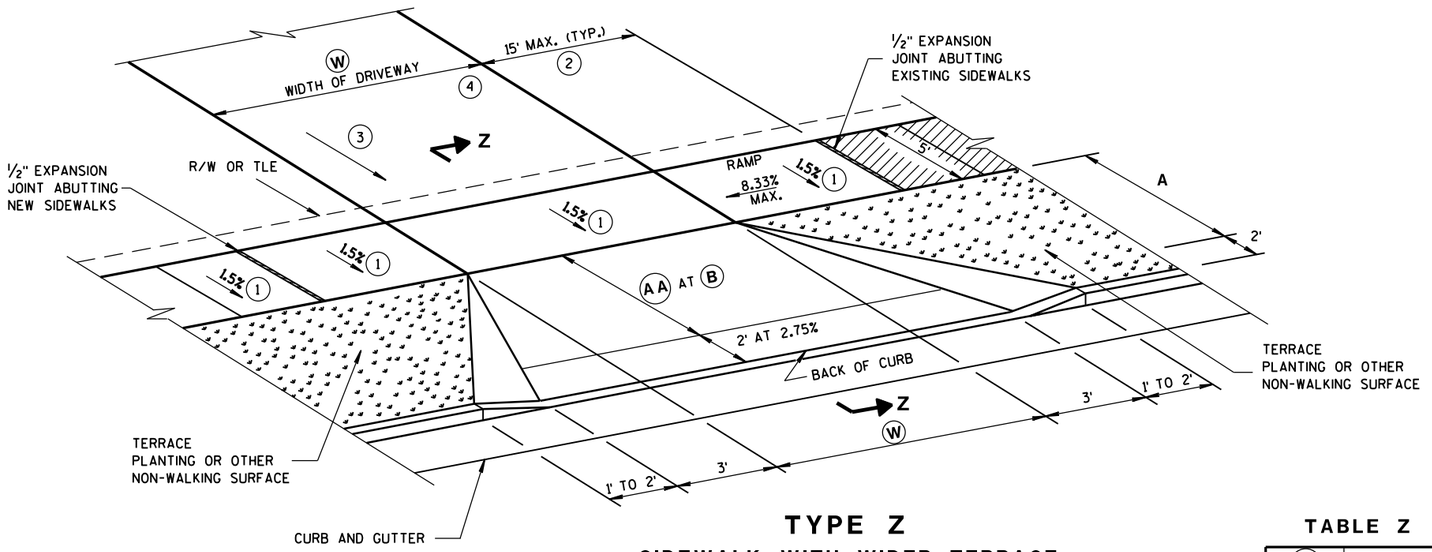


TYPE Z

SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

TABLE Z

(AA) FEET	(B) %
4.5'	11.5%
5.5'	9-11.5%
6.5'	8-11.5%
7.5'	7-11.5%
8.5'	6-11.5%
9.5'	5-11.5%

GENERAL NOTES

(1) CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

(2) THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.

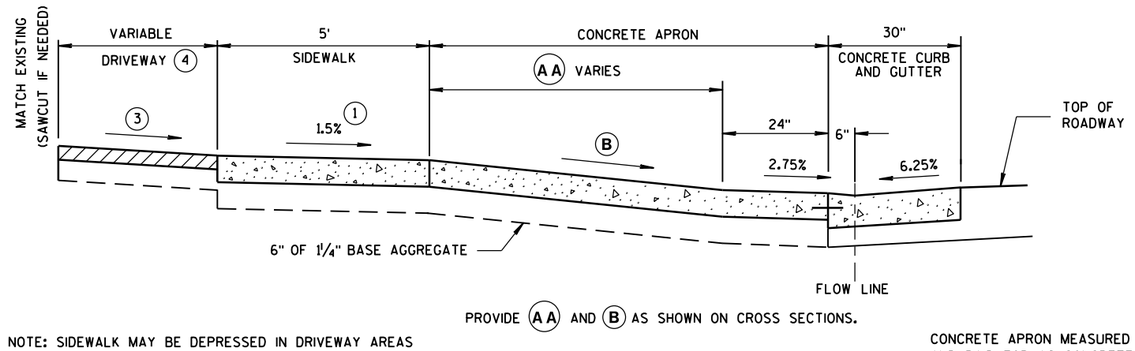
(3) DRIVEWAY SLOPES: DESIRABLE MAXIMUM
- 10.5% UP AWAY FROM SIDEWALK (SAG)
- 8.5% DOWN AWAY FROM SIDEWALK (CREST)
- ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG

(4) DRIVEWAY TYPES
- 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
- 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
- 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)

(5) PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.

(6) (W) IS SHOWN ON PLAN AND PROFILE SHEETS.

(7) OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.



PROVIDE (AA) AND (B) AS SHOWN ON CROSS SECTIONS.

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR **B** VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY, 6-INCH.

SEPARATE PAYMENT FOR BASE AGGREGATE WILL BE MADE.

CONCRETE APRON MEASURED AND PAID FOR AS CONCRETE DRIVEWAY, 6-INCH

SECTION Z-Z

DRIVEWAY DETAIL WITH CONCRETE CURB & GUTTER

(URBAN AND SUBURBAN)

(W): 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)

NOT TO SCALE

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 — /S/ Rodney Taylor
DATE — ROADWAY STANDARDS UNIT SUPERV

FHWA — ENT

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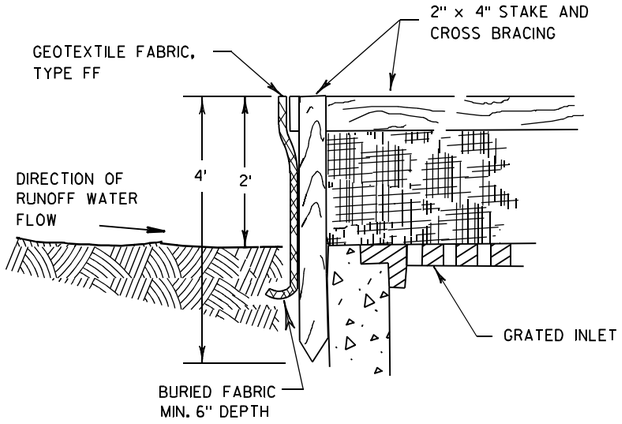
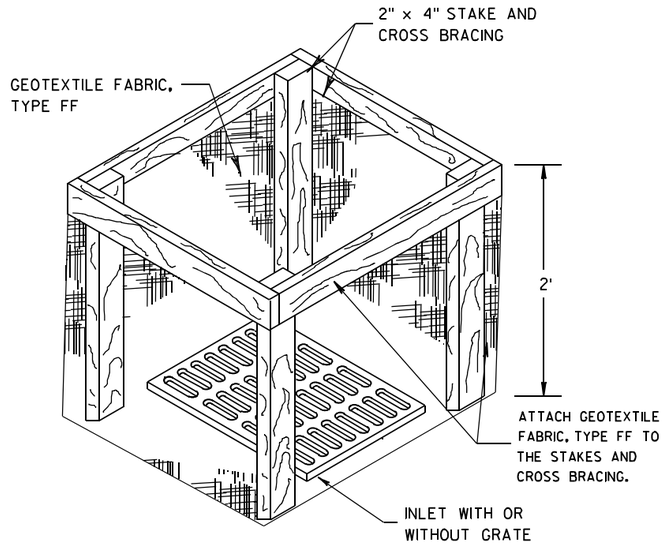
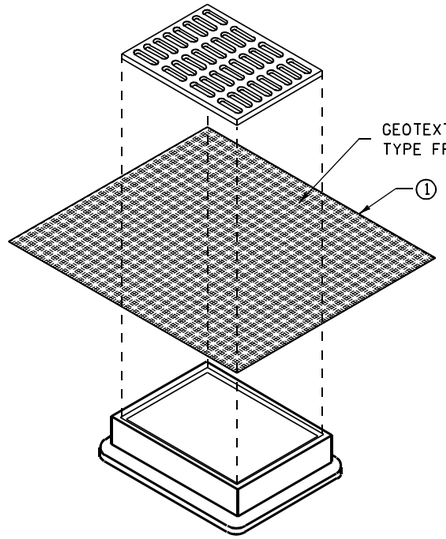


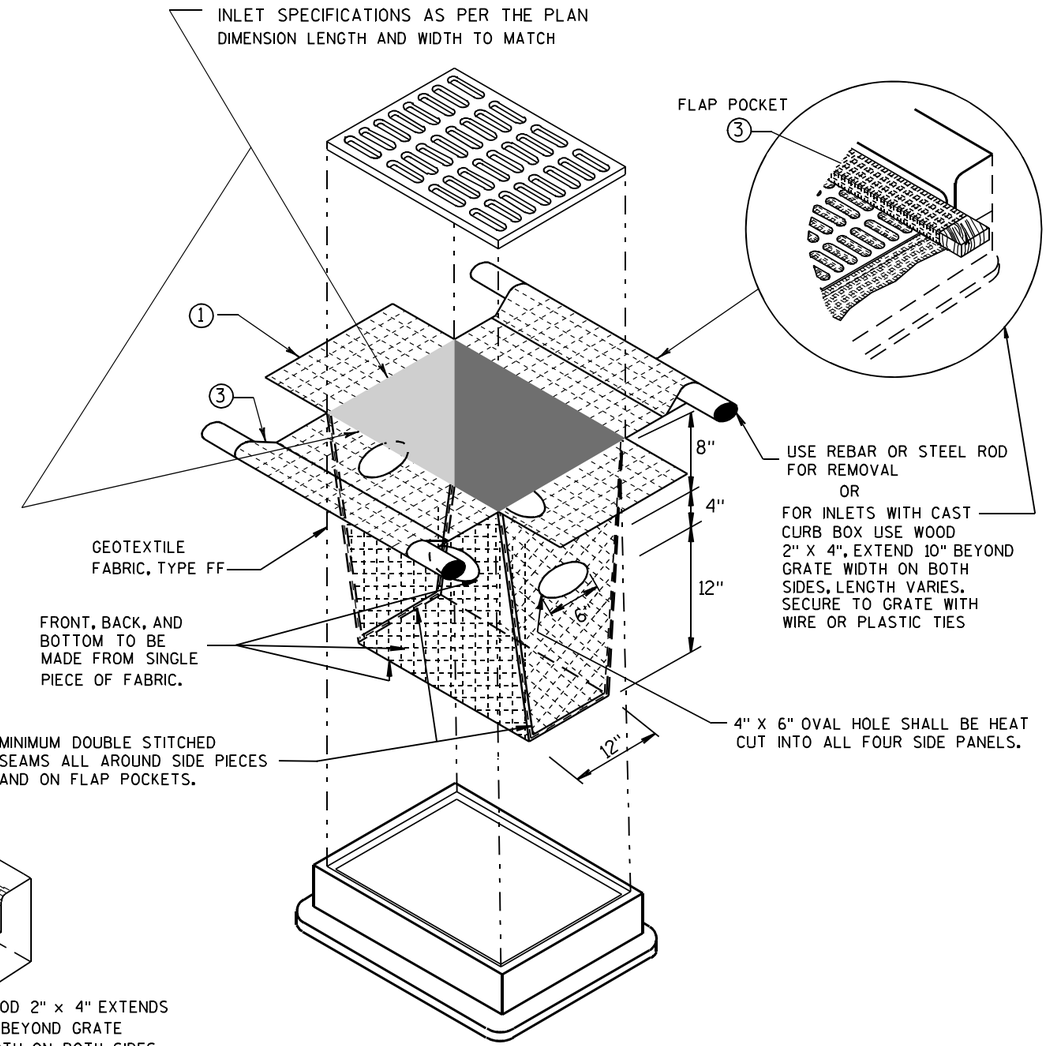


INLET PROTECTION, TYPE A



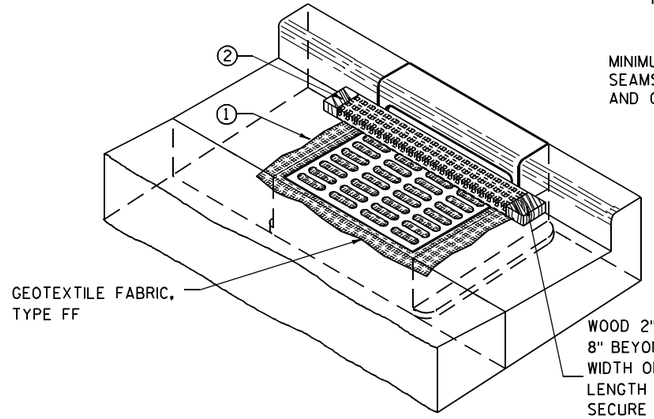
INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE D

(CAN BE INSTALLED IN ANY INLET TYPE WITH
OR WITHOUT A CURB BOX AS PER NOTE ②)



INLET PROTECTION, TYPE C (WITH CURB BOX)

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

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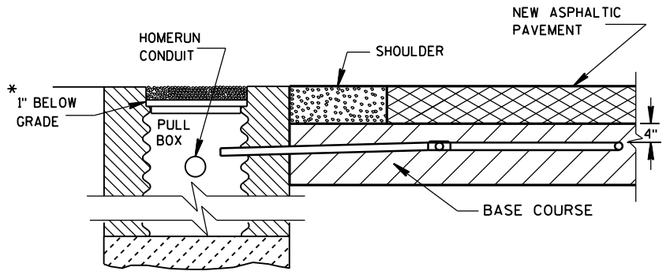
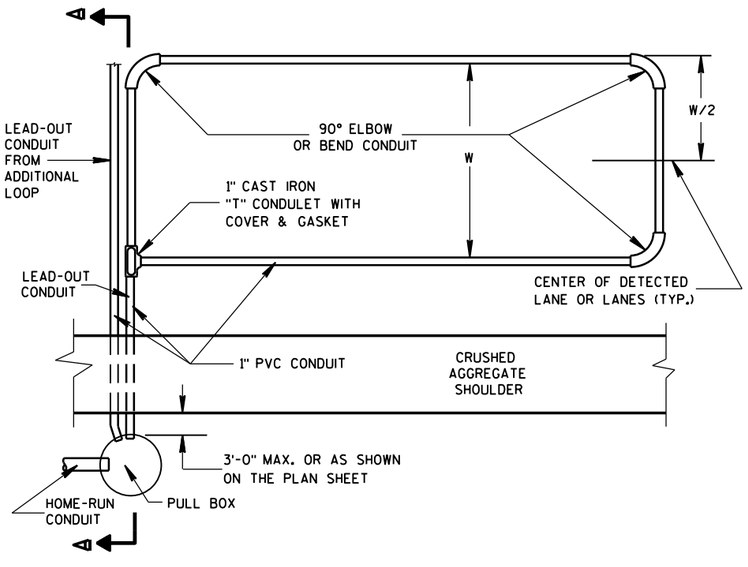


SECTION A-A
NO CURB & GUTTER

DETECTOR LOOP INSTALLATION DETAIL

*RECESS PULL BOX SO THAT THE COVER IS 3" BELOW GRADE IN SHOULDER AREAS OF CRUSHED AGGREGATE. BACKFILL OVER COVER WITH THE CRUSHED AGGREGATE TO BRING THE AREA TO GRADE LEVEL.



TYPICAL PLAN OF LOOP DETECTOR

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

LOOP SIZE, LOCATION, NUMBER OF TURNS OF WIRE AND ASSOCIATED SIGNAL PHASE SHALL BE AS SHOWN ON THE PLANS.

PITCH LEAD-OUT CONDUIT TO DRAIN TO ROADSIDE PULL BOX.

SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS LISTED ON THE DEPARTMENTS APPROVED PRODUCTS LIST OR AN ENGINEER APPROVED EQUAL. NON-INSULATED BUTT SPLICES TO FIT #12 AWG STRANDED WIRE SHALL BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.

MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.

AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READINGS TO THE PROJECT ENGINEER FOR EVALUATION.

LOOP DETECTOR LEADS SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE. A LISTING OF THE CABLE IDENTIFICATION PER INDIVIDUAL LOOP LEAD-IN SHALL BE PLACED IN THE CABINET.

THE #12 AWG LOOP WIRE FROM THE LOOP TO THE ROADSIDE PULL BOX, SHALL BE HAND TWISTED AT LEAST 3 TWISTS PER FOOT BEFORE INSTALLATION.

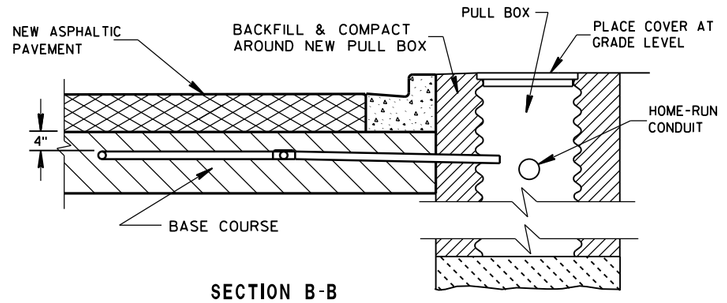
SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE ROAD.

THE #12 AWG LOOP WIRE SHALL BE INSTALLED FROM THE ROADSIDE PULL BOX, THROUGH THE LOOP DUCT, BACK TO THE ROADSIDE PULL BOX, AND BE INSTALLED IN ONE, NON-SPLICED, CONTINUOUS LENGTH.

PROTECTION OF THE CONDUIT AND CONDULET SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE THE ASPHALTIC PAVEMENT IS PLACED.

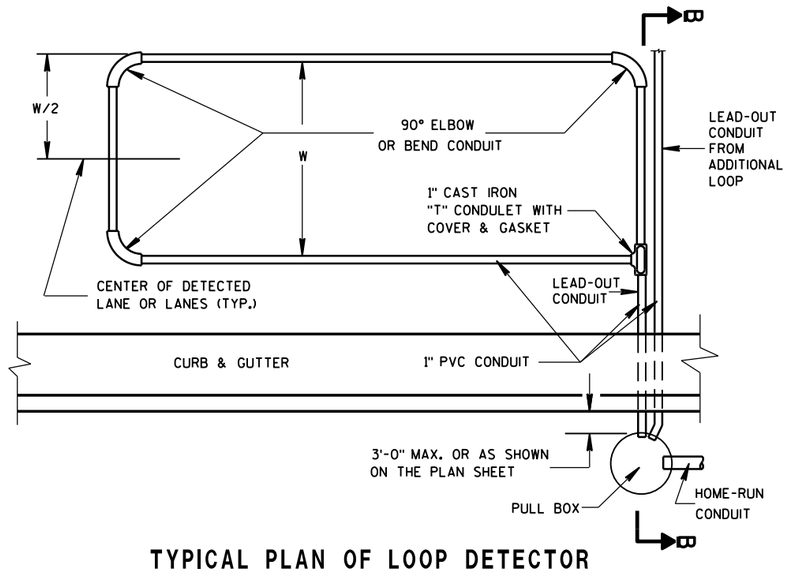
WHEN MULTIPLE LAYERS OF ASPHALTIC PAVEMENT ARE TO BE PLACED, LOOPS MAY BE INSTALLED BY SAWING A TWO INCH WIDE SLOT IN THE FIRST LAYER, DIG OUT THE ASPHALTIC MATERIAL AND BASE COURSE, PLACE THE LOOP, FILL THE SLOT WITH BASE COURSE MATERIAL AND NEW ASPHALTIC MATERIAL AND TAMP THE ASPHALTIC MATERIAL IN PLACE.

SHOULD TRAFFIC BE ALLOWED TO USE THE AREA OF ROADWAY WITH THE NEWLY INSTALLED LOOP BEFORE THE PLACEMENT OF THE NEXT LAYER OF ASPHALTIC PAVEMENT, THE SLOT/PAVEMENT OPENING SHALL BE SEALED WITH HOT POURED ELASTIC TYPE MATERIAL CONFORMING TO THE REQUIREMENTS OF THE "SPECIFICATION FOR JOINT SEALANTS, HOT POURED, FOR CONCRETE AND ASPHALT PAVEMENTS, ASTM DESIGNATION: D3405".



SECTION B-B
CURB & GUTTER

LOOP DETECTOR INSTALLATION DETAIL



TYPICAL PLAN OF LOOP DETECTOR

LOOP DETECTOR PLACED IN CRUSHED AGGREGATE BASE (NEW ASPHALTIC PAVEMENT)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2014 — DATE
/S/ Ahmet Demirbilek — STATE ELECTRICAL
FHWA

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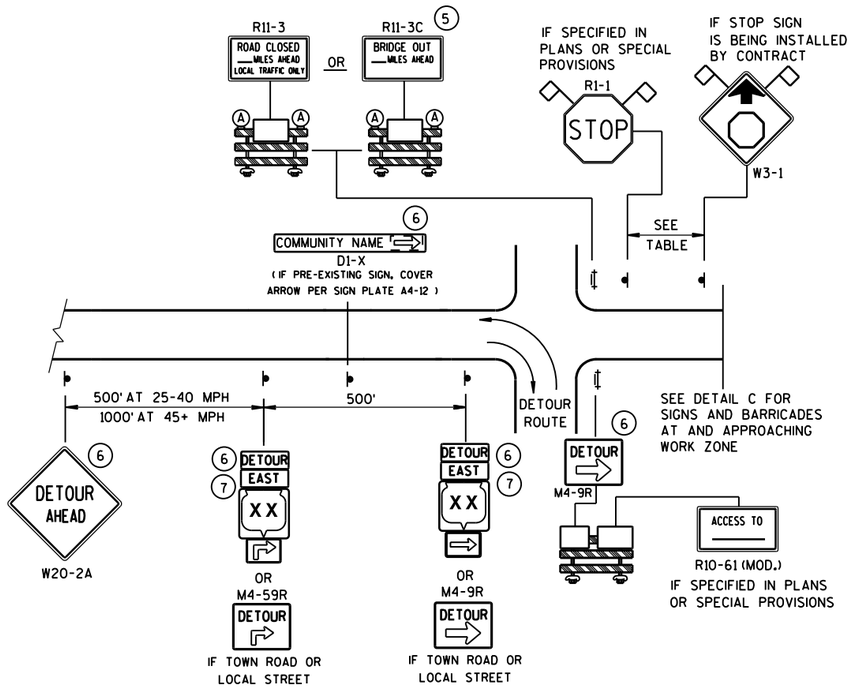
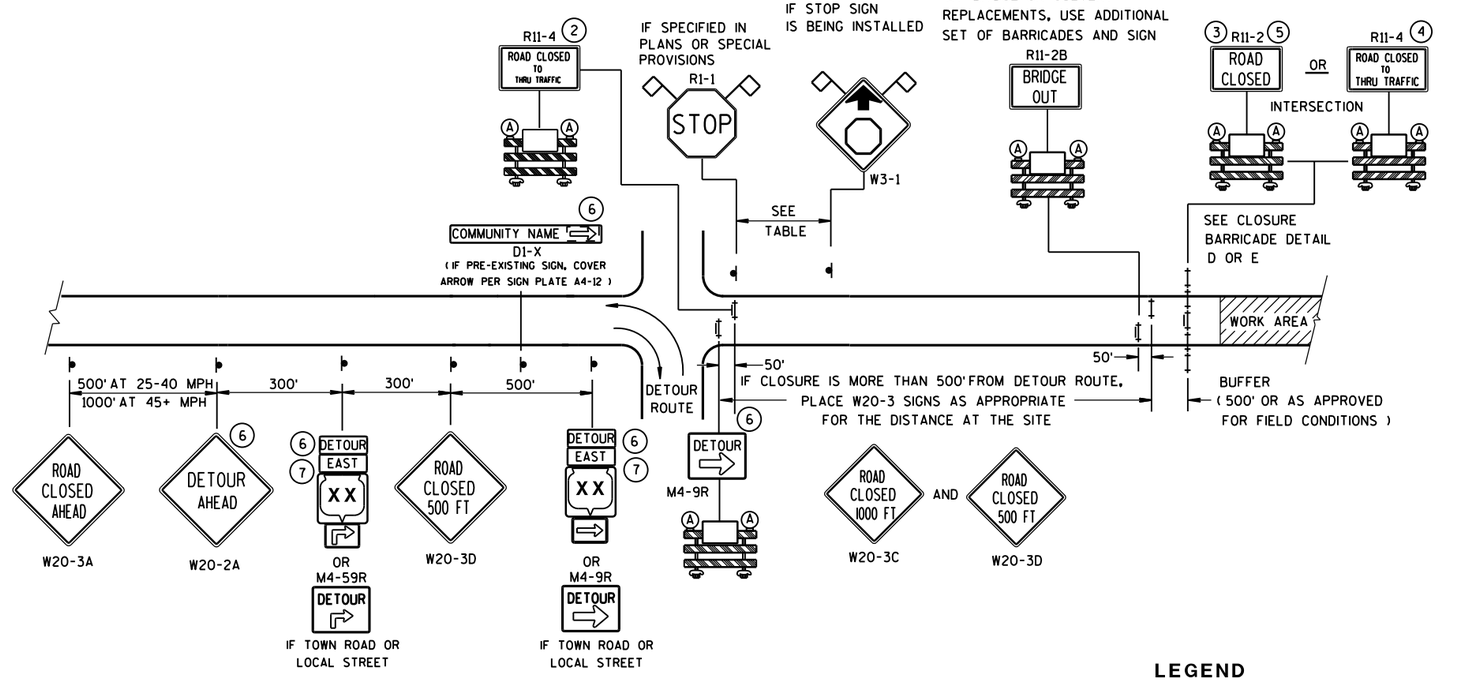


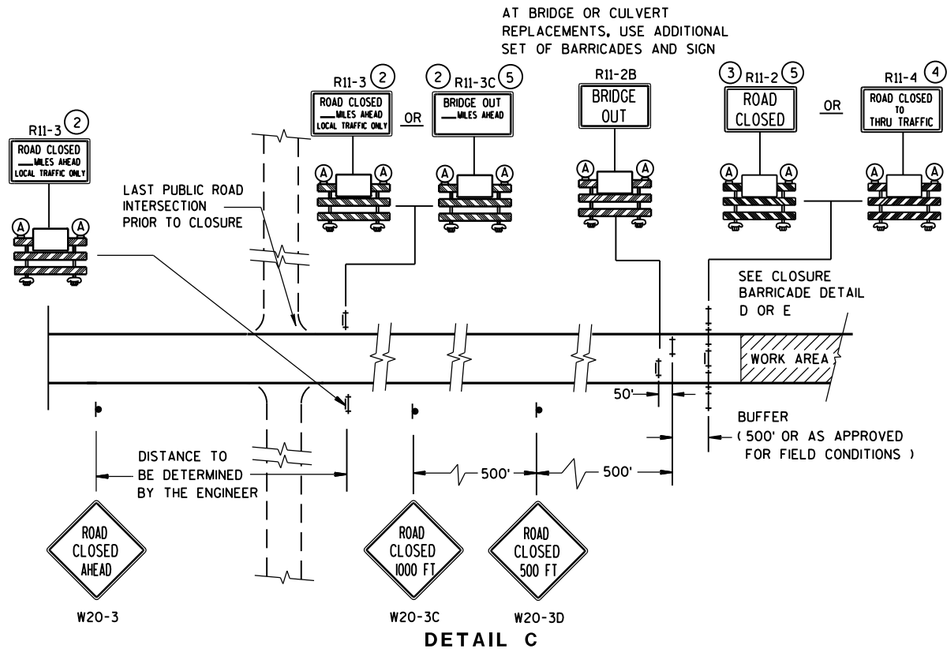
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

SEE SDD 15C2-SHEET "**b**" FOR GENERAL NOTES AND FOOTNOTES (1) THROUGH (7)

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

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S.D.D. 15 C 2-6a

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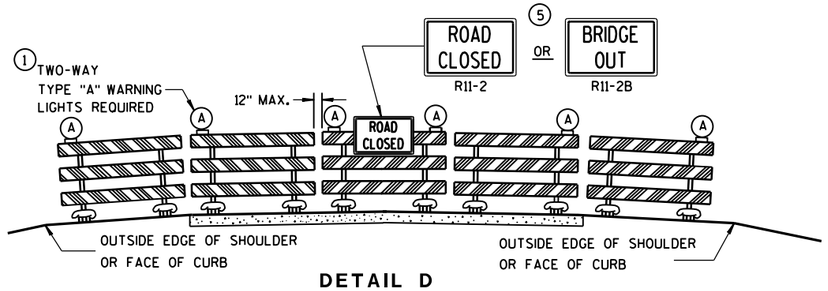
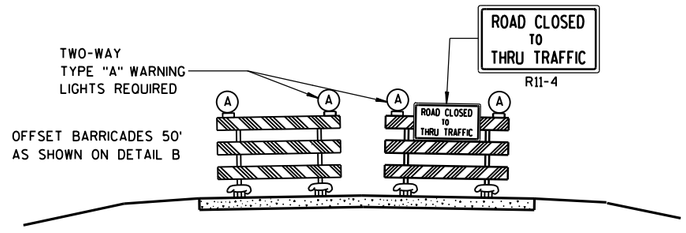
S.D.D. 15 C 2-6a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI — FIC

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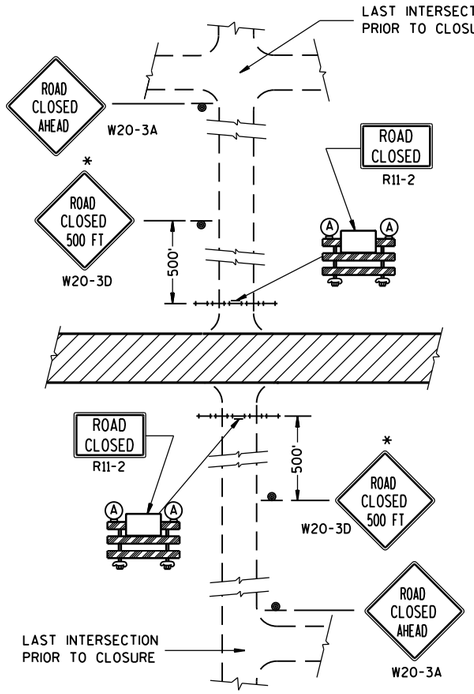
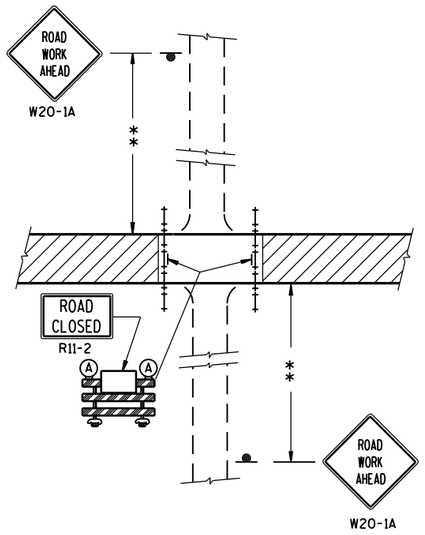


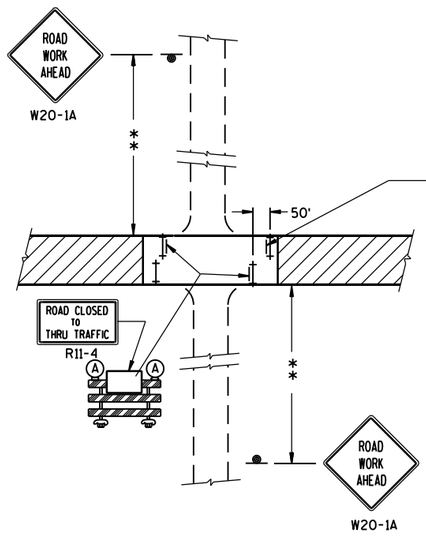
DETAIL 1

(NO ACCESS TO PROJECT)



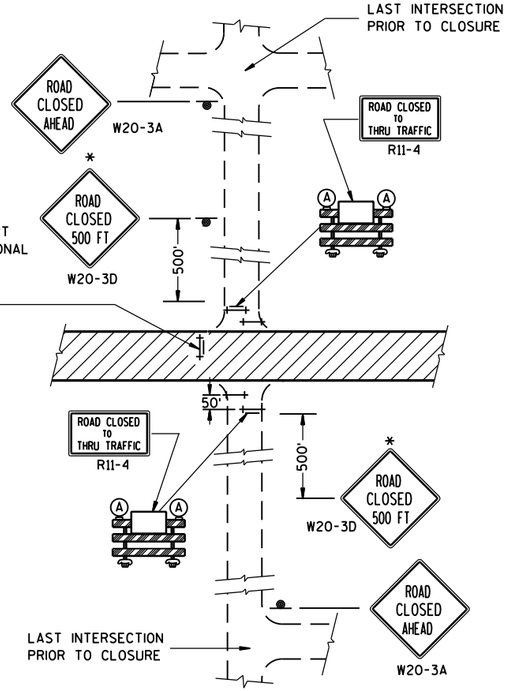
DETAIL 2

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).



DETAIL 3

(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).



DETAIL 4

(CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO[illegible]FIC SAFETY ENGI[illegible]
FHWA

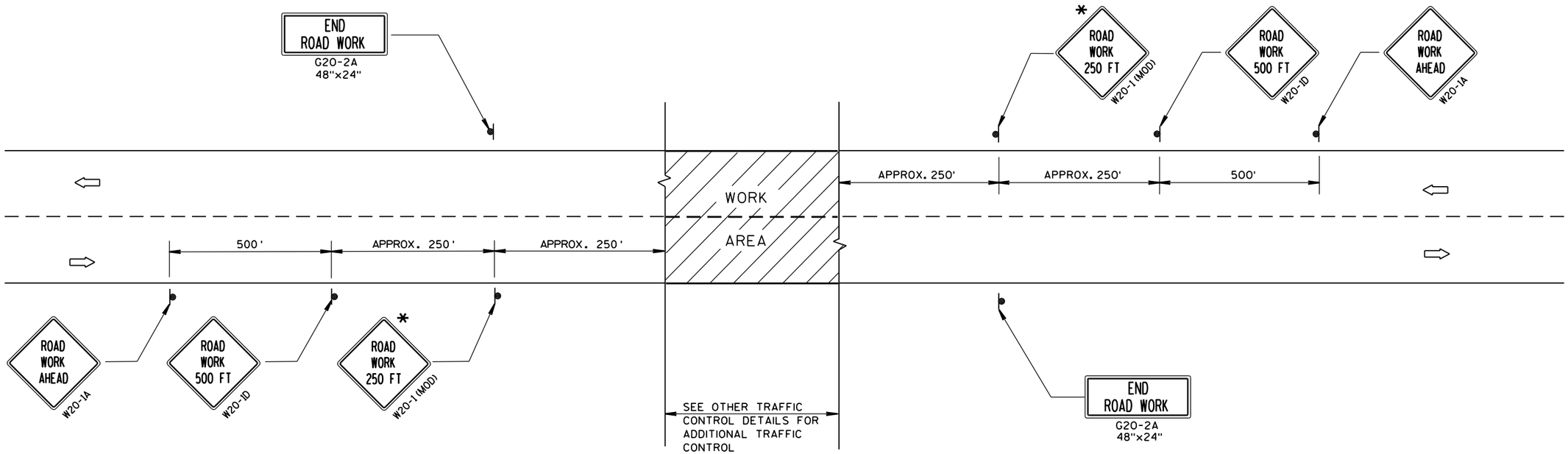
6

S.D.D. 15 C 3-3

6

S.D.D. 15 C 3-3

TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

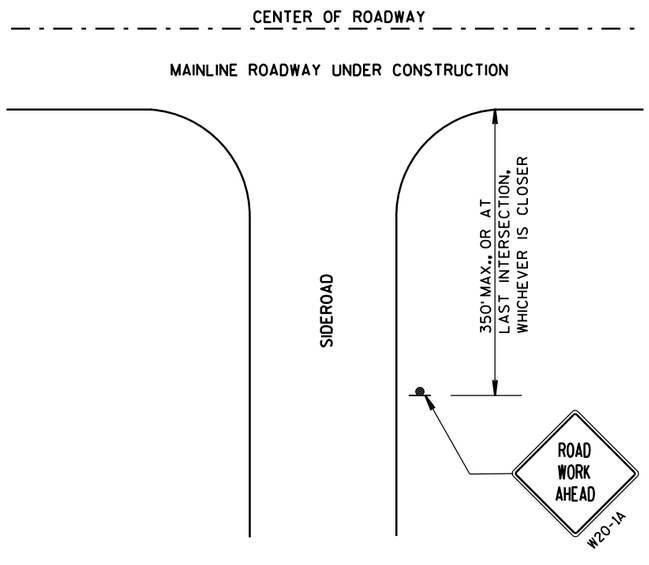
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

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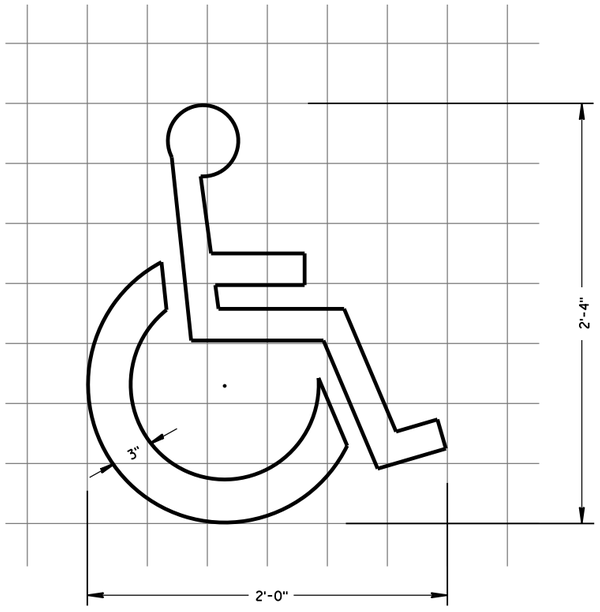
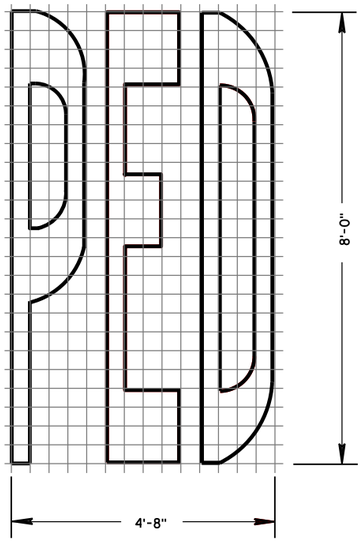
S.D.D. 15 C 5-3

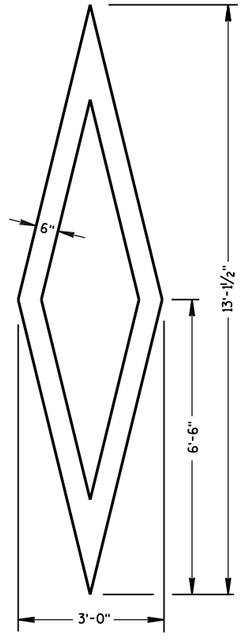
GENERAL NOTES

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



HANDICAP SYMBOL





PREFERENTIAL LANE SYMBOL

6

6

S.D.D. 15 C 7-14a

S.D.D. 15 C 7-14a

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

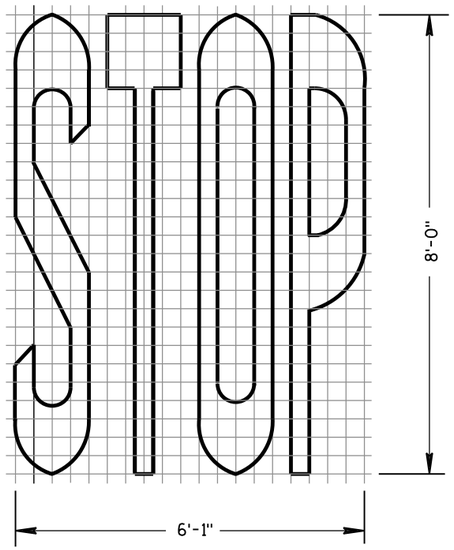
June 2017 — DATE

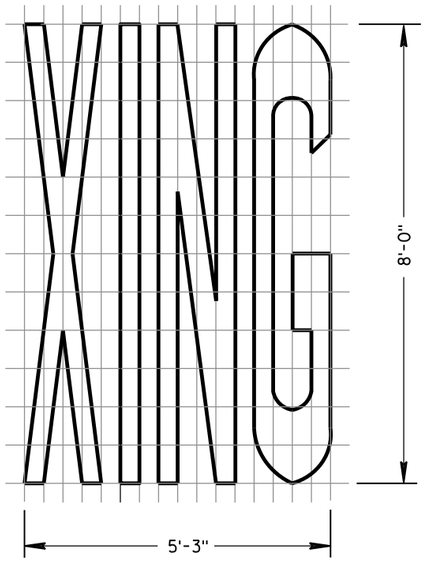
/S/ Matthew R. Rauch — STATE SIGNING AND MARK EER

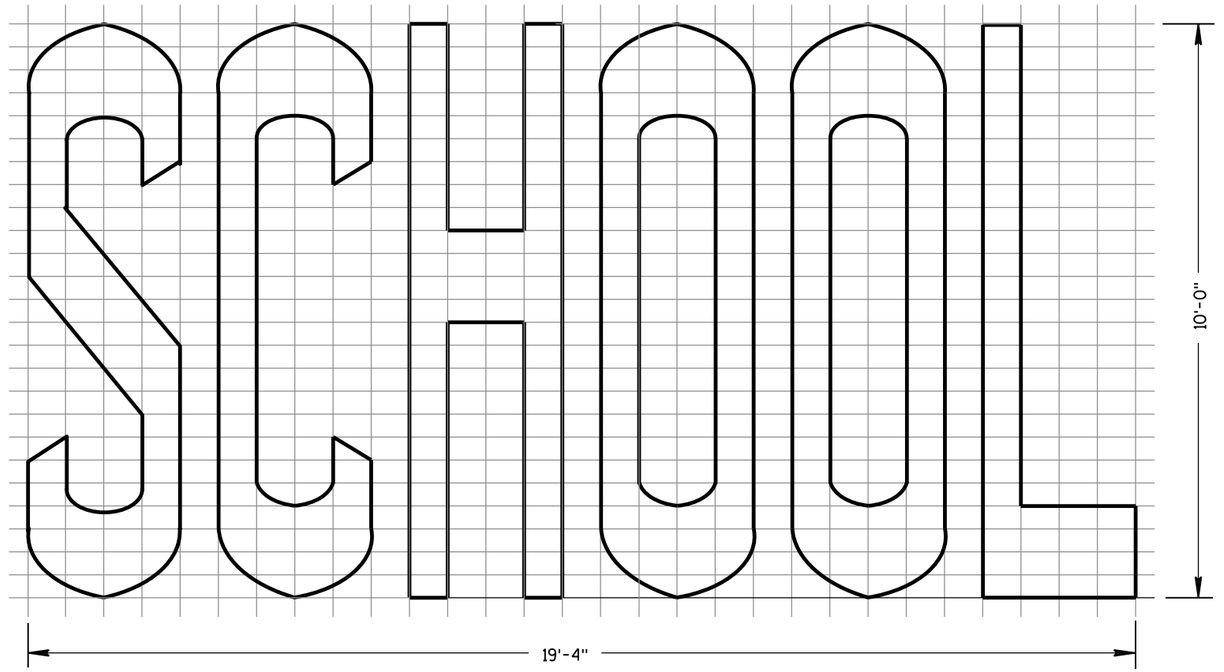
FHWA

GENERAL NOTES

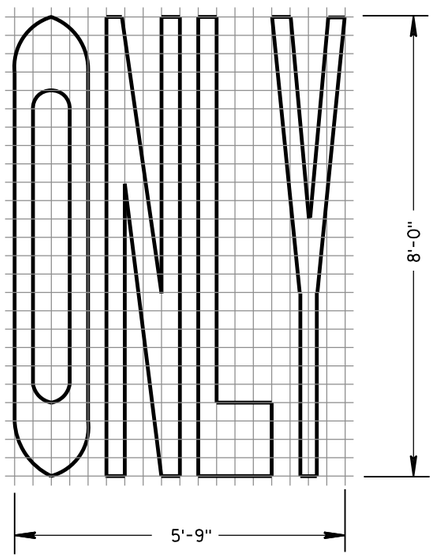
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

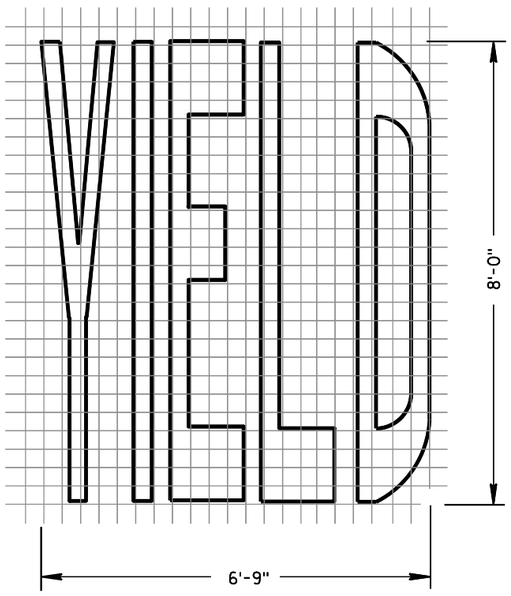


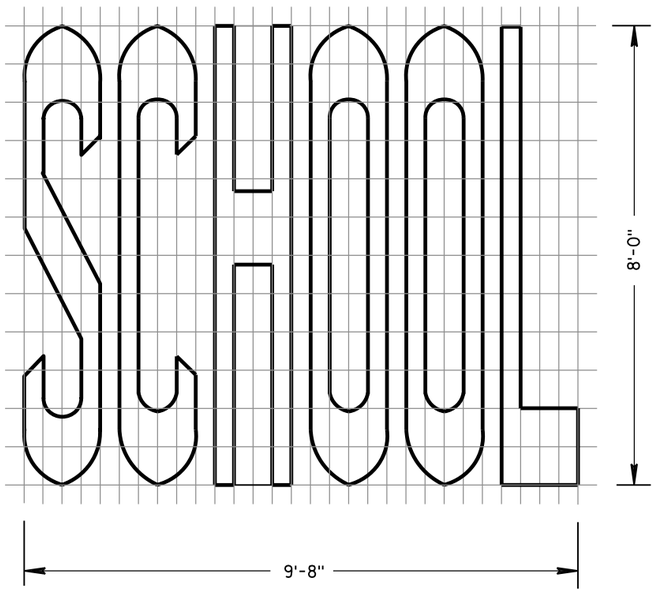




TWO-LANE







SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARK
EER
FHWA

6

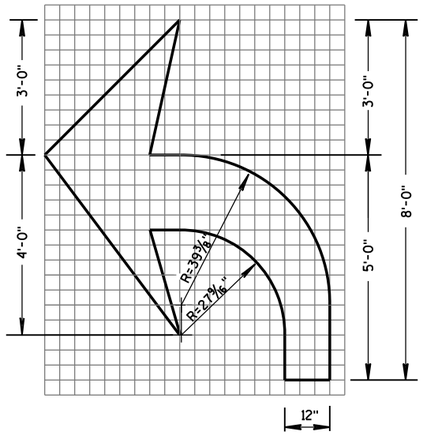
S.D.D. 15 C 7-14b

6

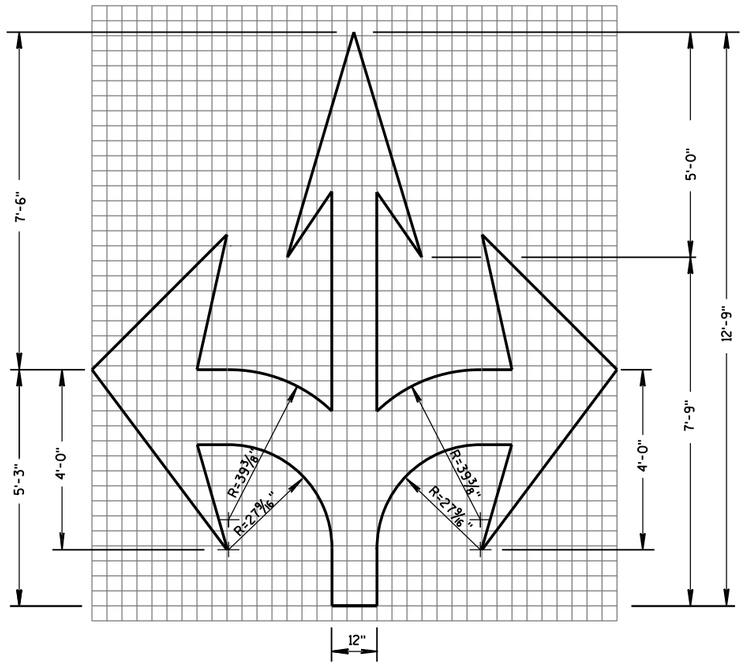
S.D.D. 15 C 7-14b

GENERAL NOTES

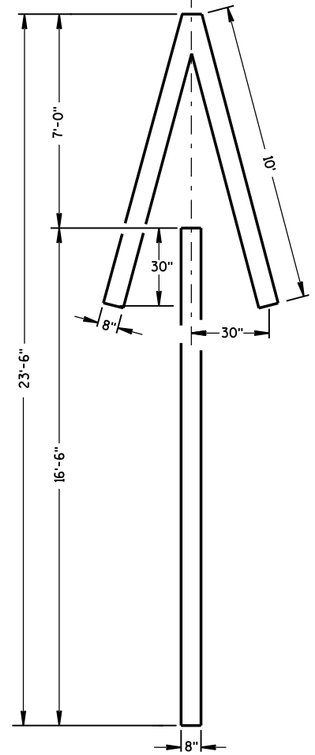
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.



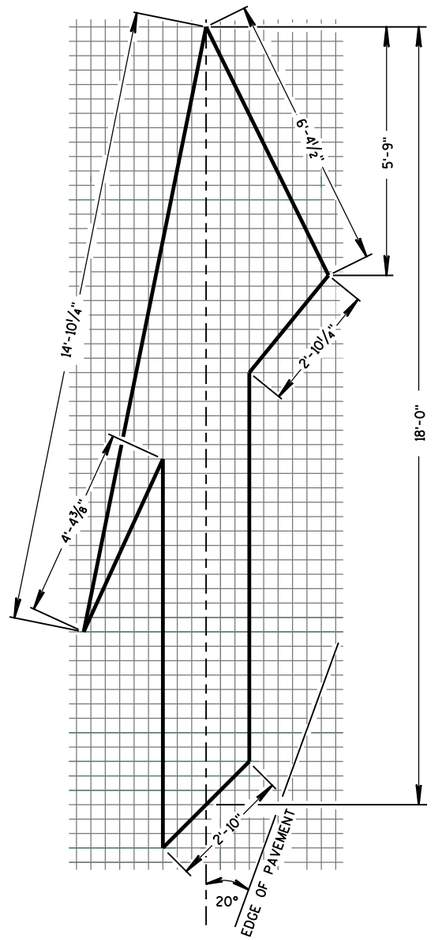
TYPE 2



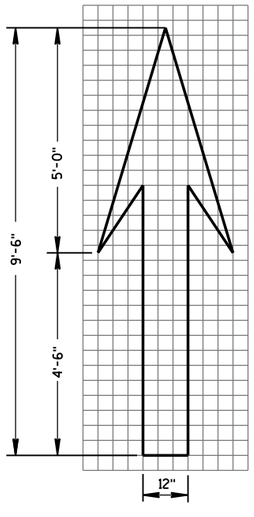
TYPE 6



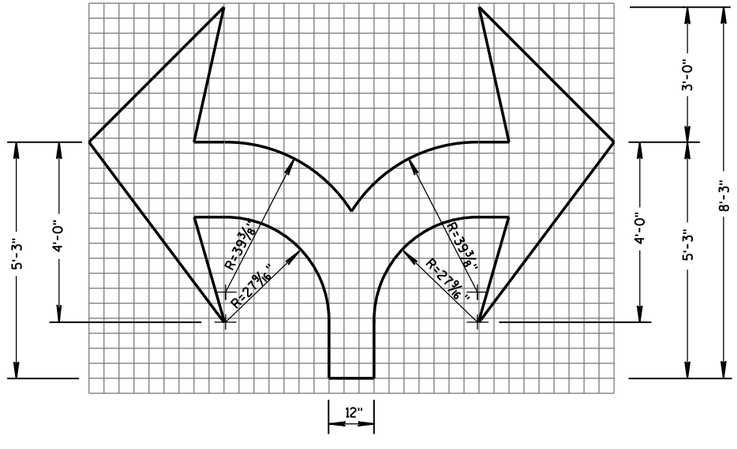
TYPE 4



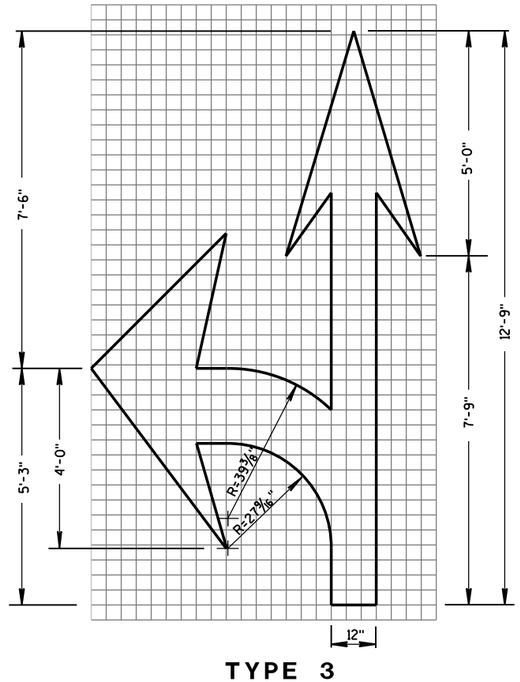
TYPE 5 LANE DROP ARROW



TYPE 1



TYPE 7



TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

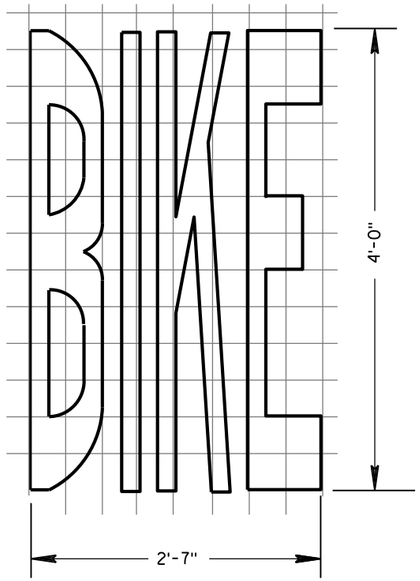
APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MAR[K]ING ENGINEER
FHWA

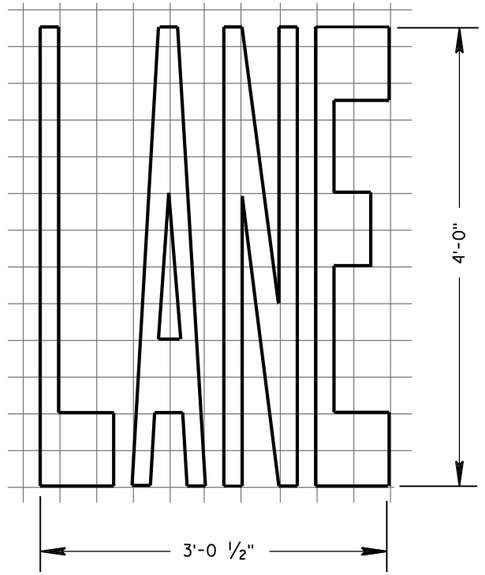
6

S.D.D. 15 C 7-14c

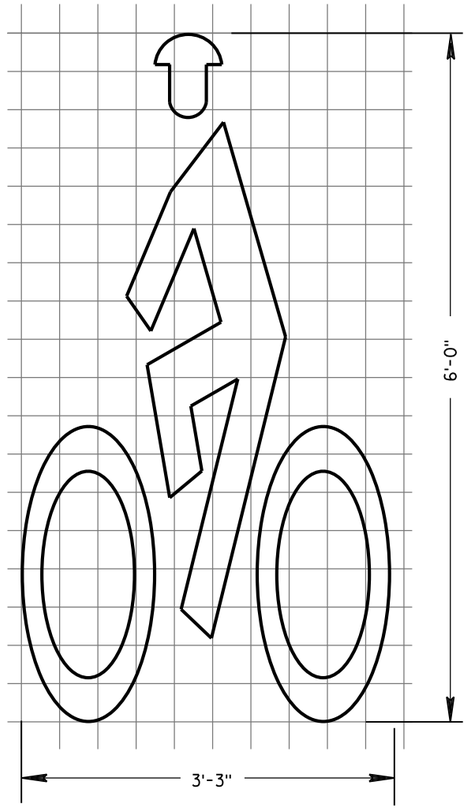
6

S.D.D. 15 C 7-14c

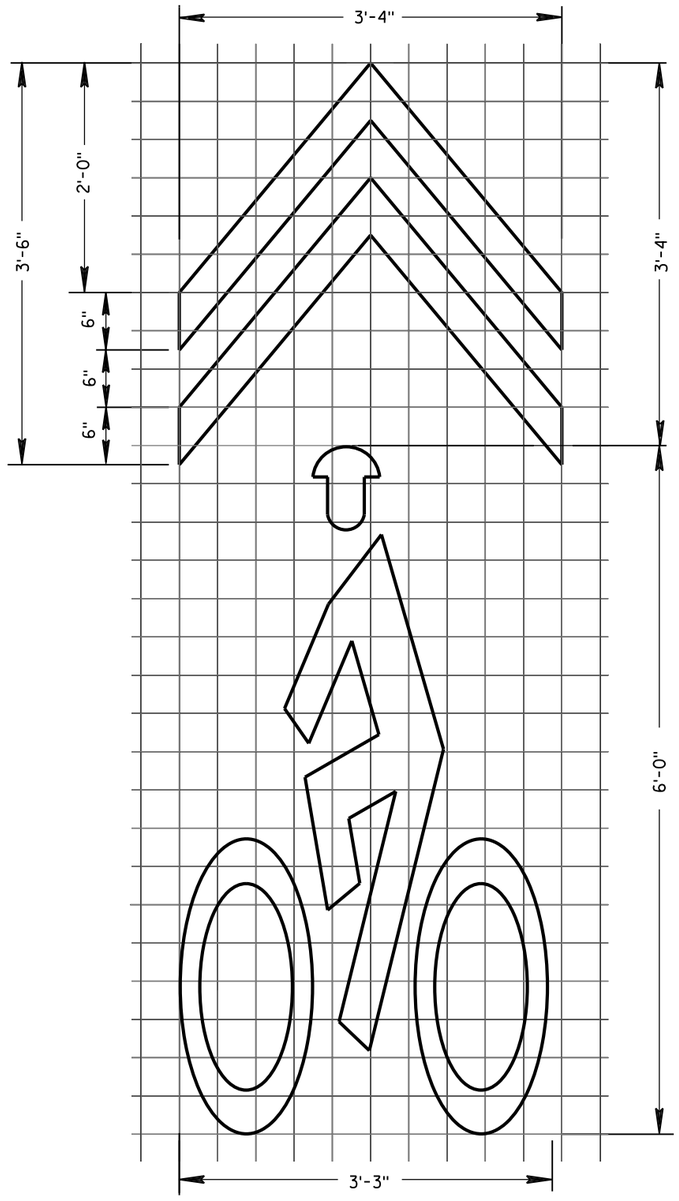




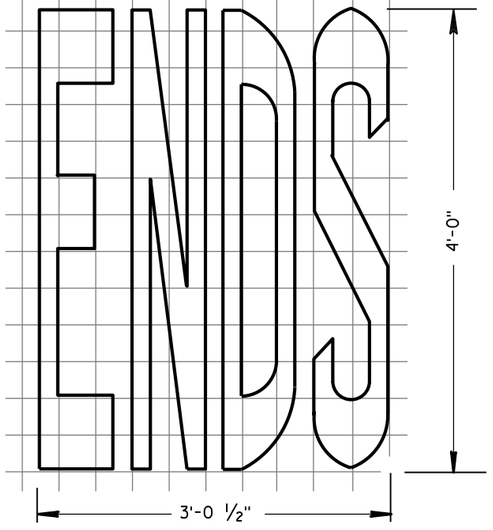
BIKE LANE WORDS



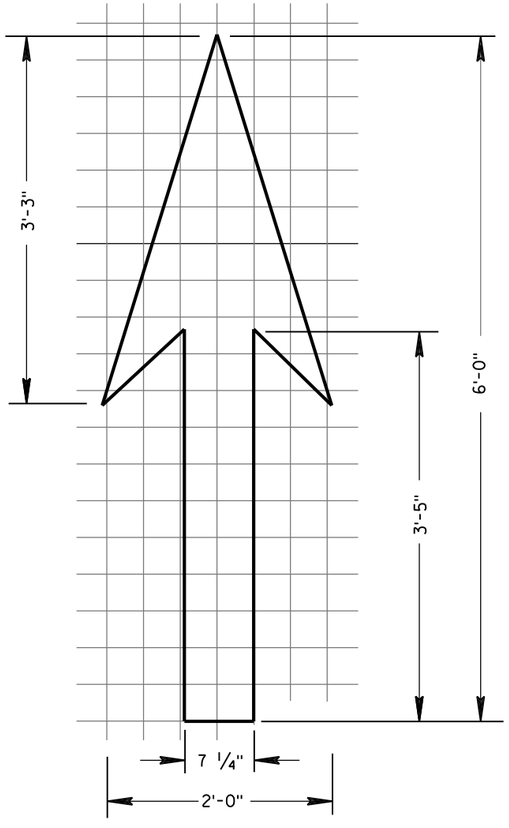
BIKE LANE SYMBOL



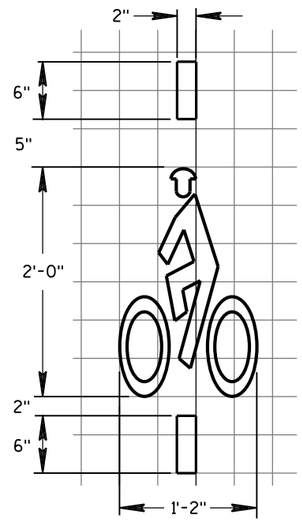
BIKE SYMBOL FOR SHARED LANE



BIKE LANE WORDS



BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

GENERAL NOTES

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

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

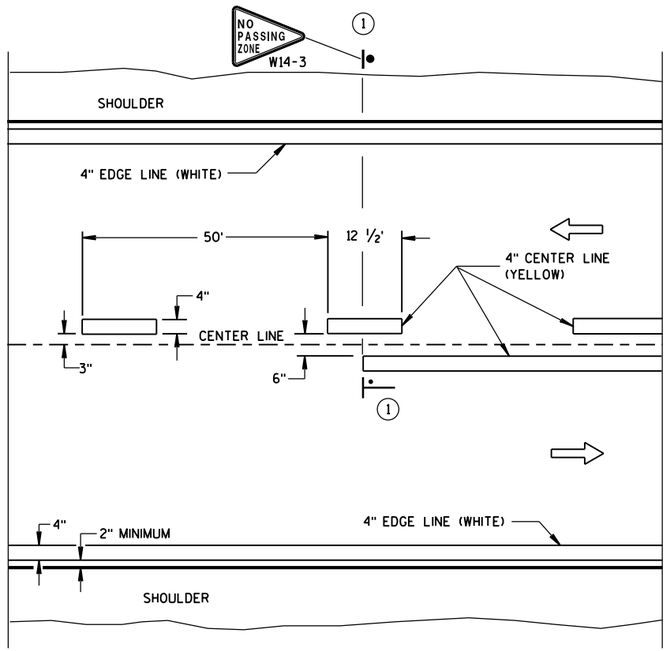
APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

6

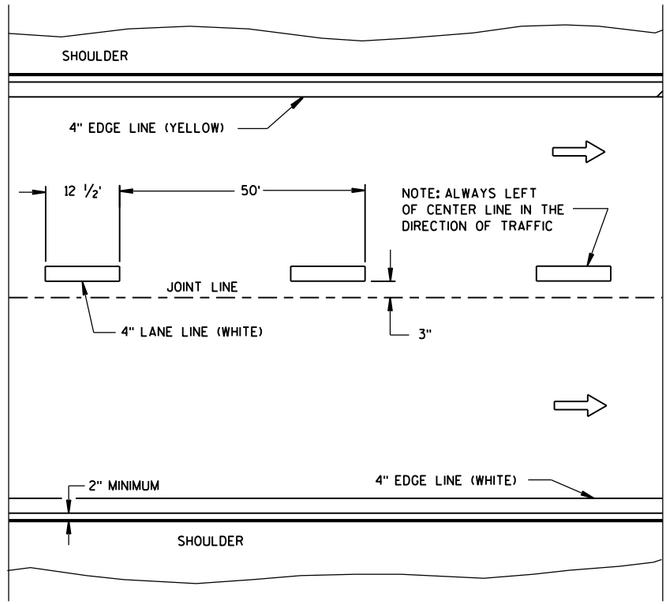
S.D.D. 15 C 7-14e

6

S.D.D. 15 C 7-14e



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING.

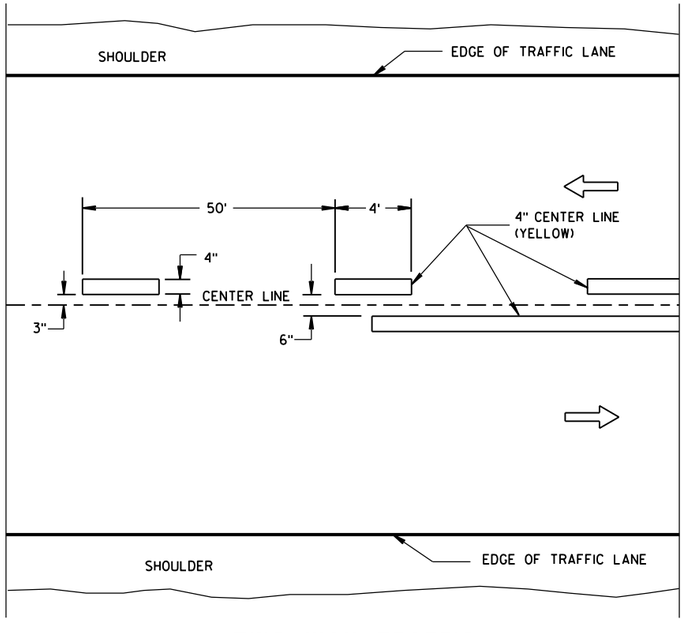
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

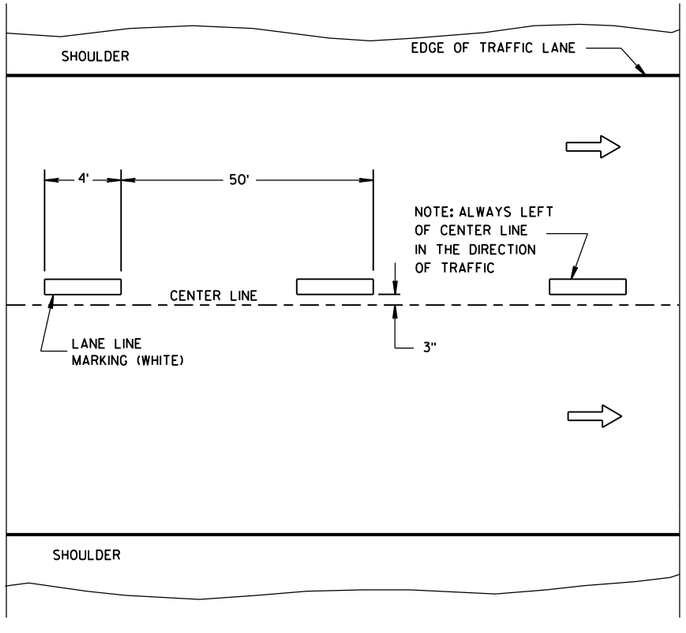
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

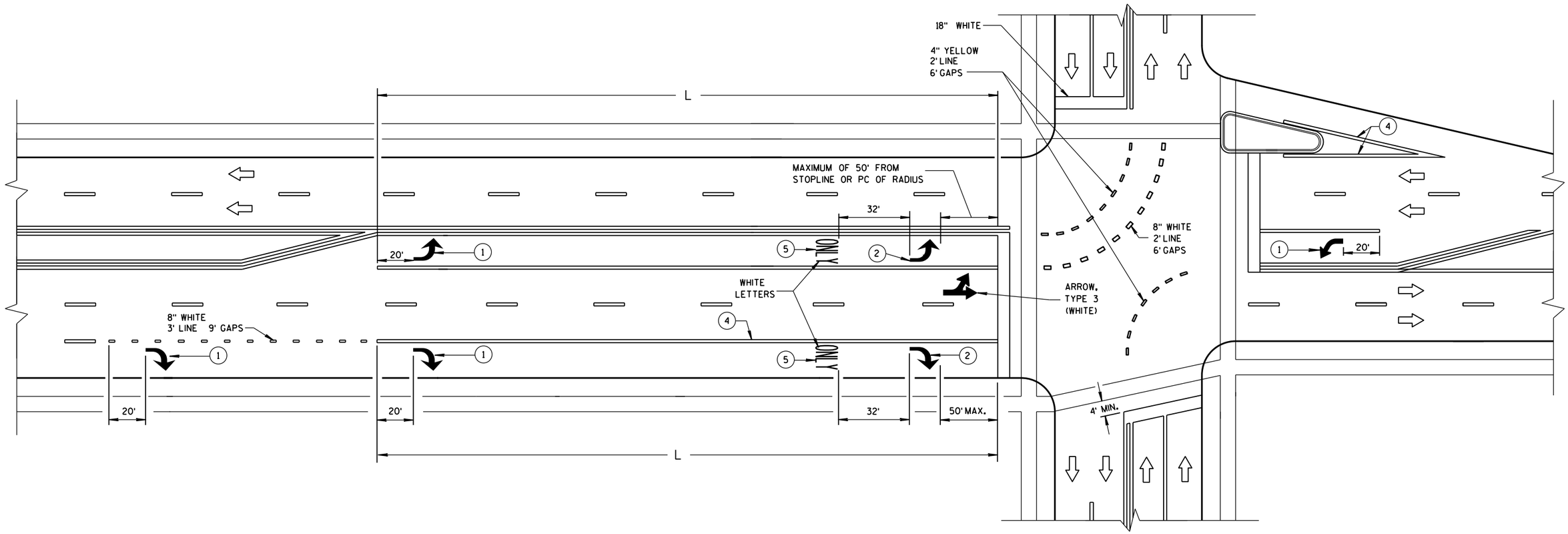
LONGITUDINAL MARKING (MAINLINE)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED June 2017 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MAR[illegible]INEER
FHWA	

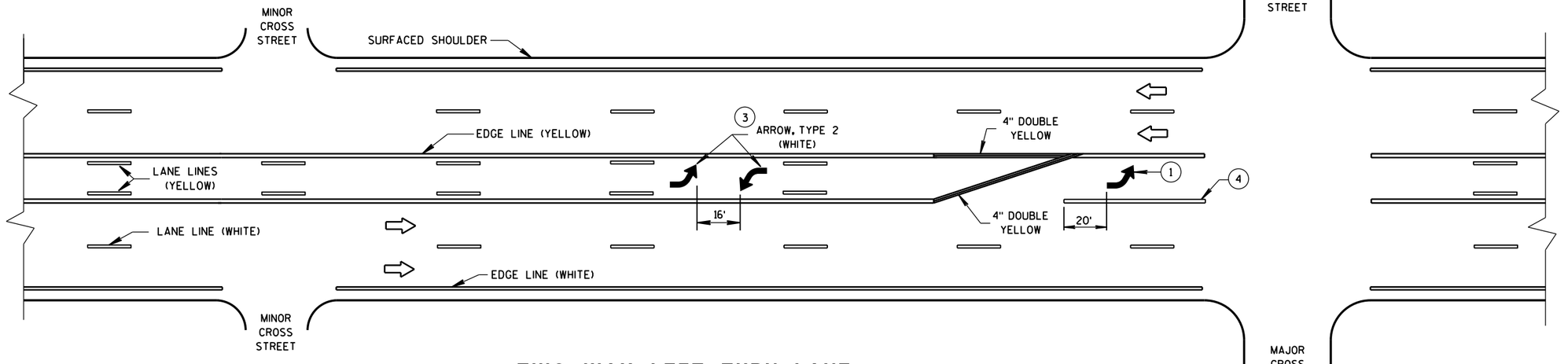
6

S.D.D. 15 C 8-18a

6

S.D.D. 15 C 8-18a





TWO WAY LEFT TURN LANE

GENERAL NOTES

(1) REQUIRED ARROW, TYPE 2 (WHITE).

(2) REQUIRED ARROW, TYPE 2 (WHITE) WHEN L IS GREATER THAN 78 FEET AND LESS THAN OR EQUAL TO 166 FEET.

(3) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

(4) 8" WHITE

(5) REQUIRED WORD ONLY WHEN L IS GREATER THAN 166 FEET.

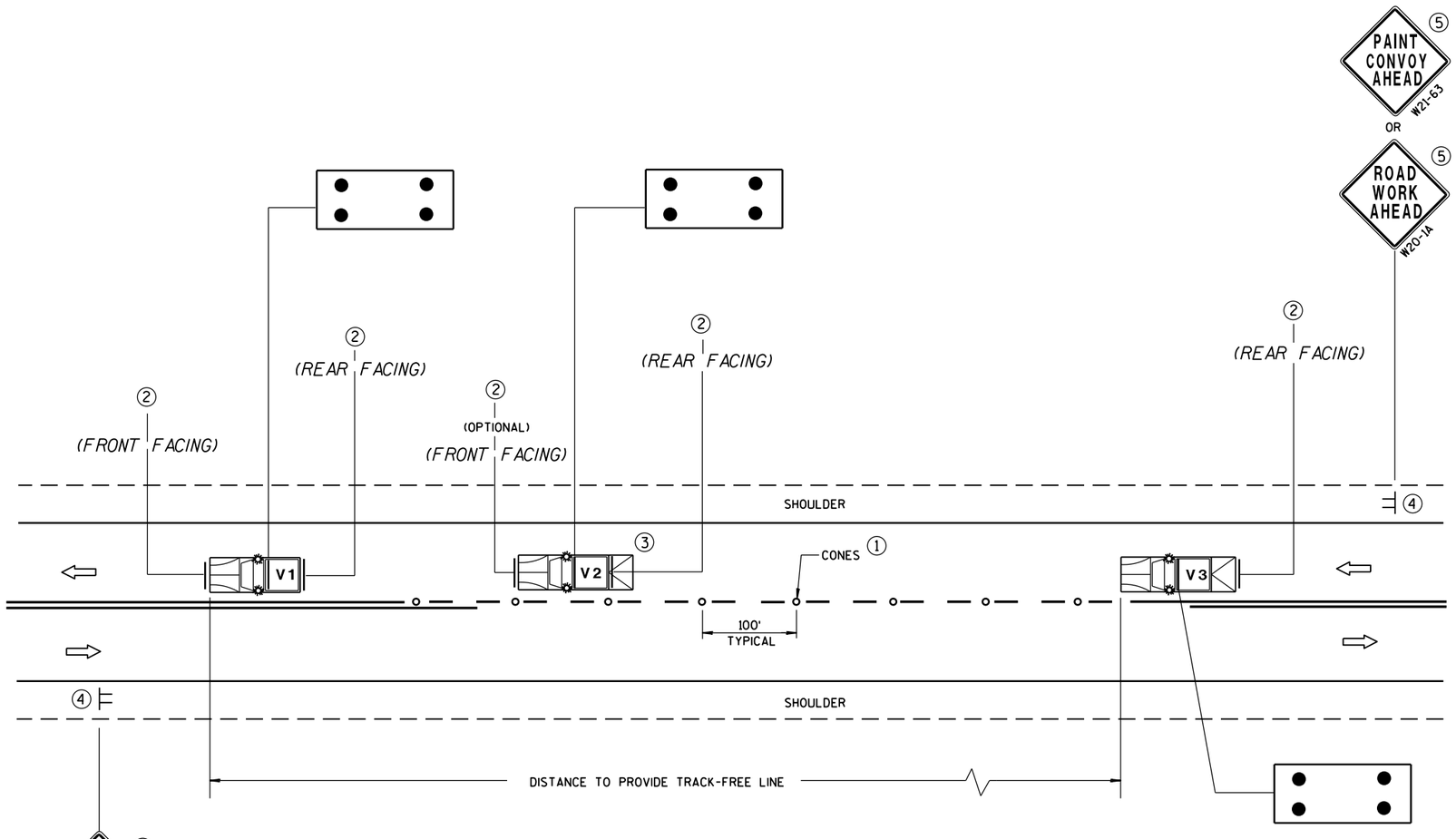
NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

L = LENGTH OF TURN BAY

PAVEMENT MARKING (TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

S.D.D. 15 C 8-18b



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

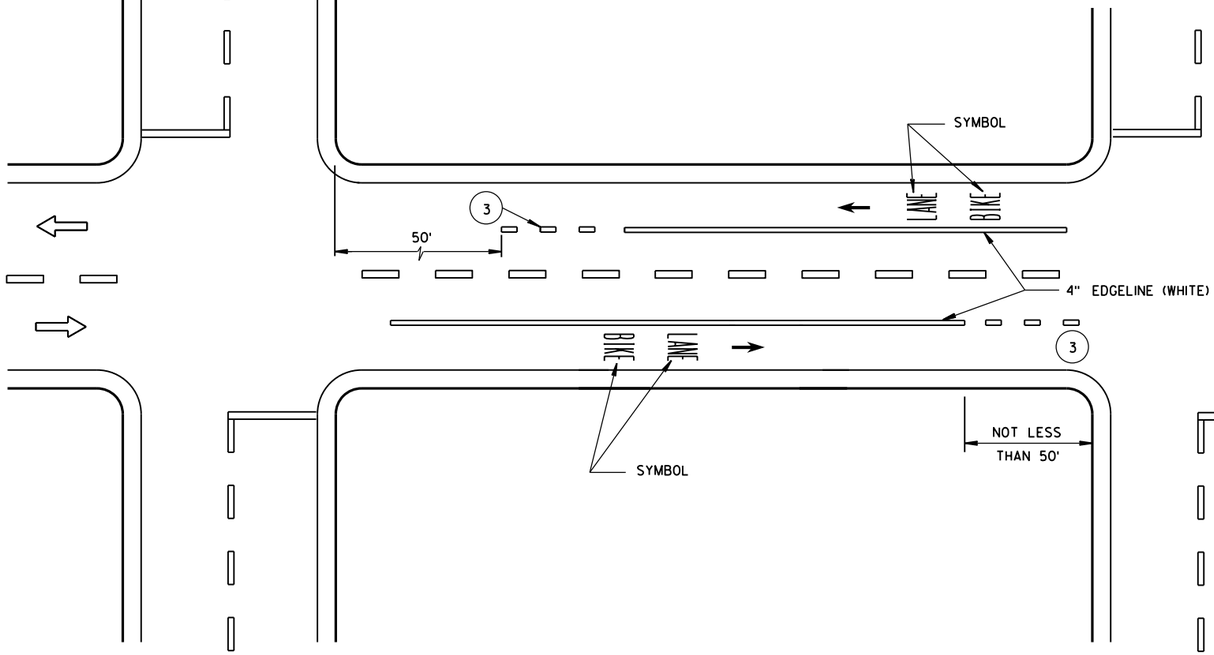
(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

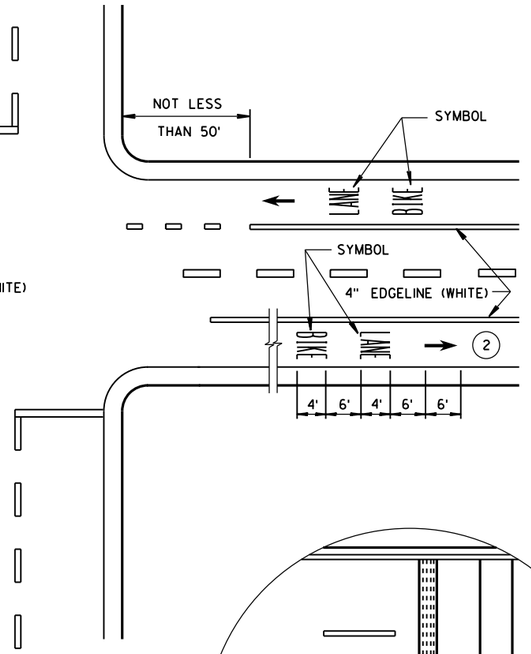
(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
⊨	SIGN ON TEMPORARY SUPPORT
⇨	DIRECTION OF TRAFFIC
o	CONES
⁘	FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
June 2016 DATE	/S/ Peter Amakobe Atepe STATEWIDE WORK ZON SAFETY ENGINE
FHWA	



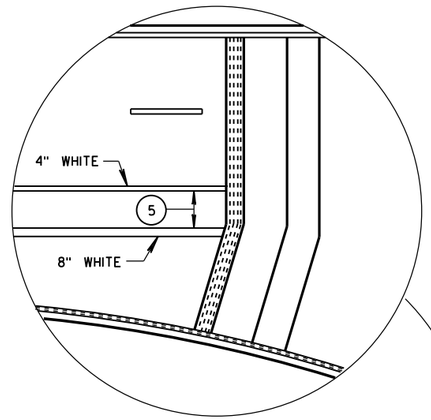


DESIGNATED BICYCLE LANE
NO PARKING

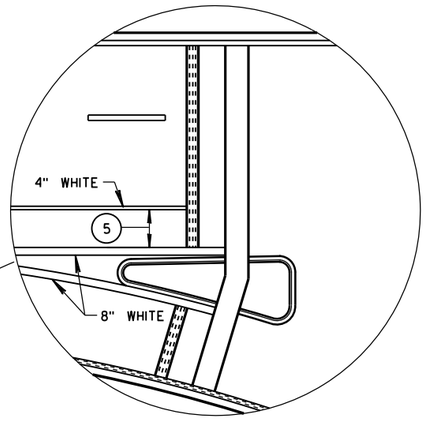
GENERAL NOTES

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3'LINE, 9'GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. IF SIGNED AND/OR MARKED AS A BICYCLE FACILITY INCLUDE SECOND LINE OF LINE-SPACE MARKING, OTHERWISE DO NOT.
5. BIKE ACCOMODATION FOR CONCRETE PAVEMENT IS 5 FEET WIDE. BIKE ACCOMODATION FOR ASPHALT PAVEMENT IS A MINIMUM OF 4 FEET. USE 5 FEET AT ≥45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FEET WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

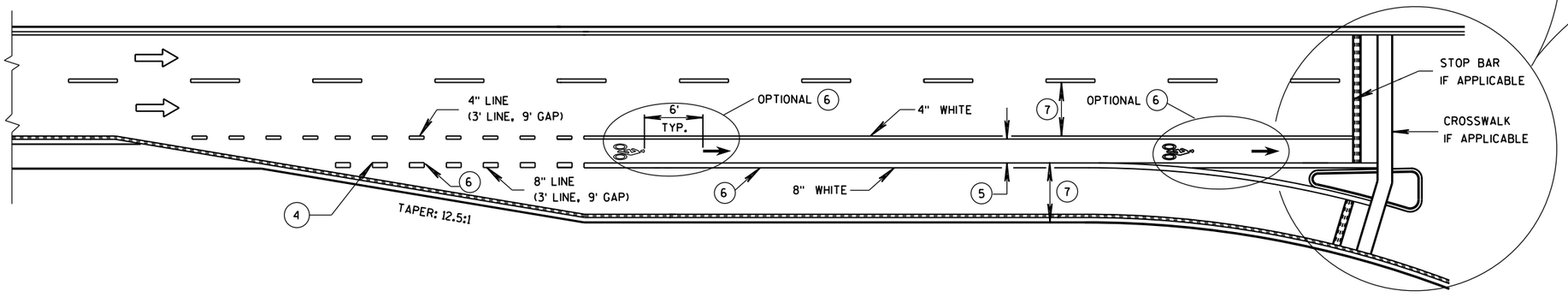
⇨ DIRECTION OF TRAVEL



4 LANE DIVIDED WITHOUT ISLAND



4 LANE DIVIDED WITH ISLAND



BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS
(4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)

BICYCLE LANE MARKING	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 12-2016 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MAR NEER
FHWA	

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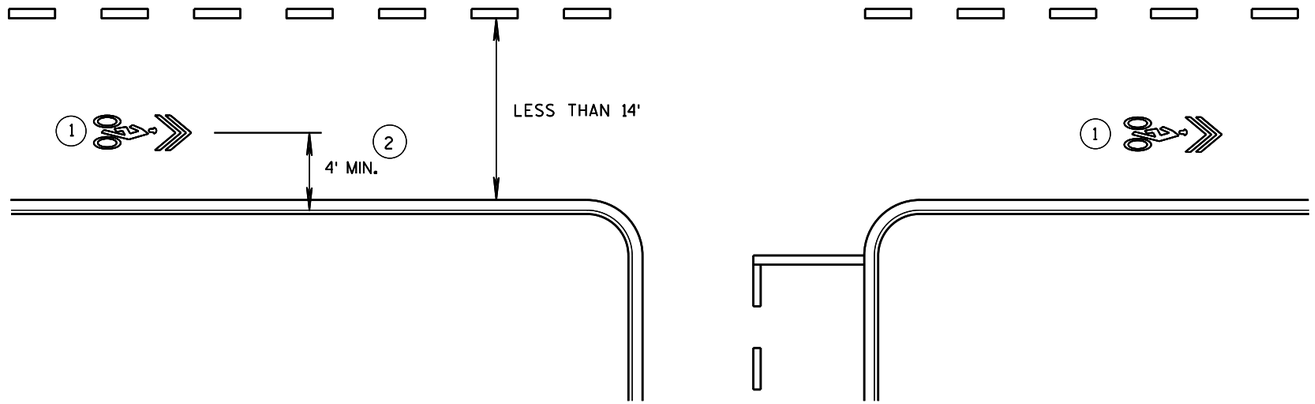
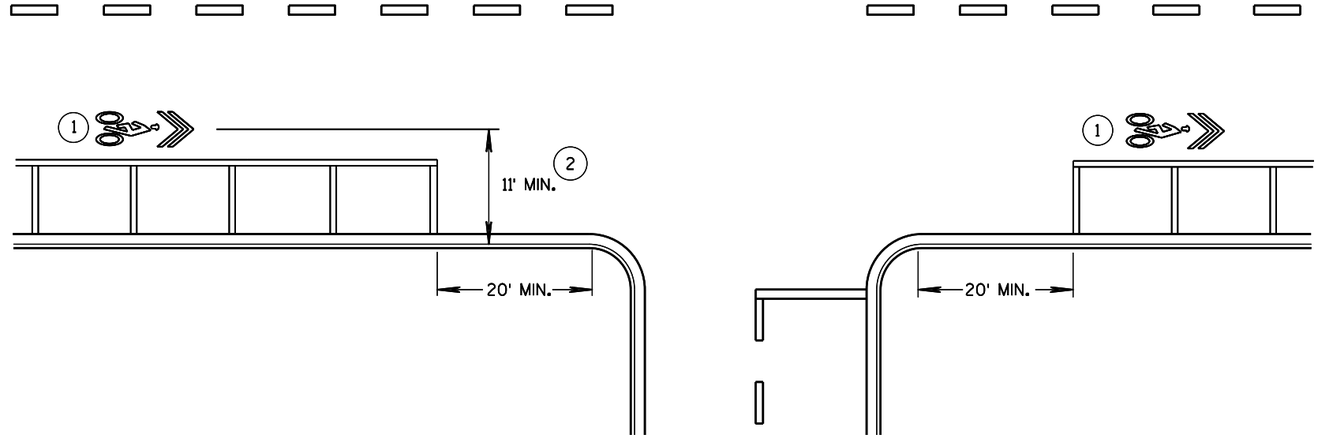
GENERAL NOTES

(1) MINIMUM OF ONE PER BLOCK, MAXIMUM OF 250 FEET.

(2) OR TO EDGE OF PAVEMENT WITHOUT CURB.



WITHOUT PARKING



WITH PARKING

PAVEMENT MARKING FOR
SHARED LANE
35 MPH OR LESS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12-2016 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARK EER
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S.D.D. 15 C 29-5b

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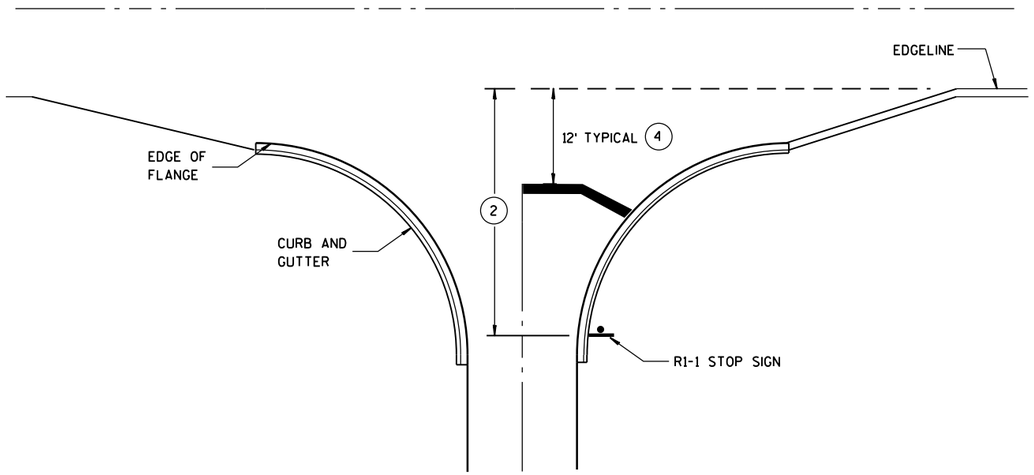
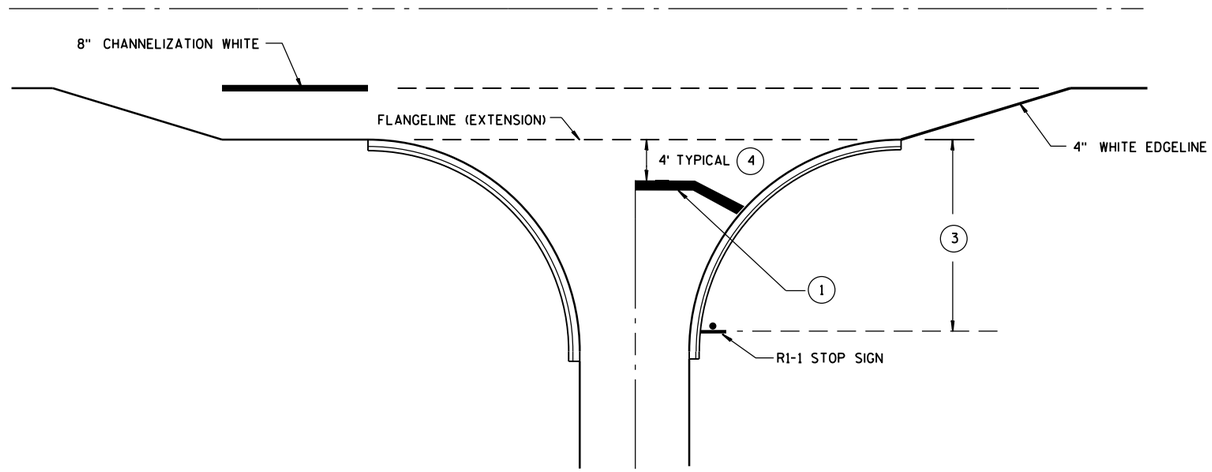
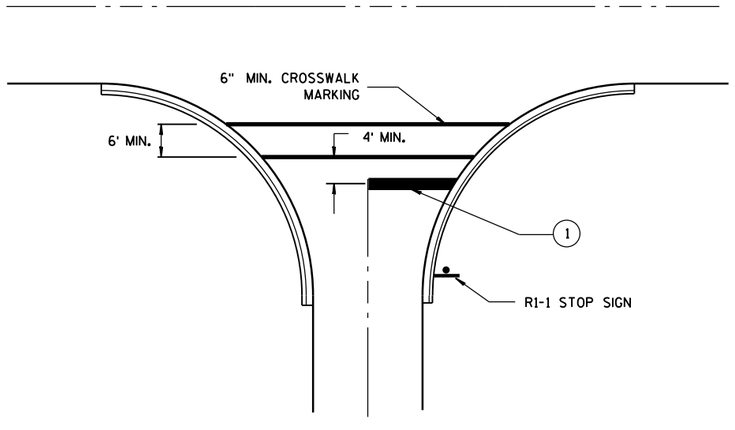
S.D.D. 15 C 29-5b



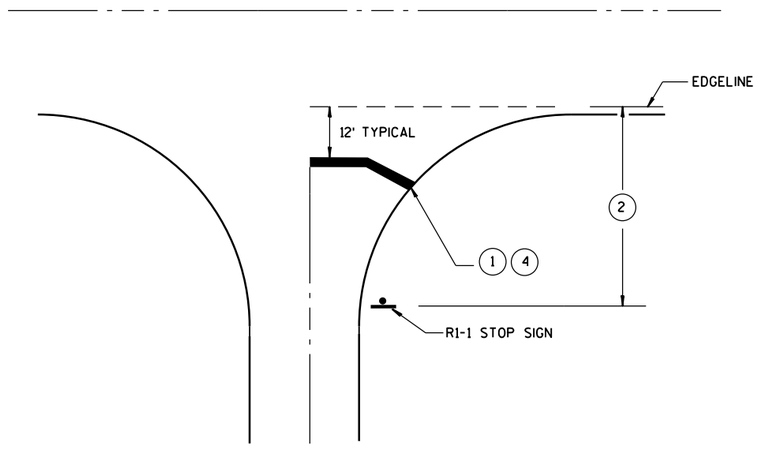
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR[illegible] ENGINEER

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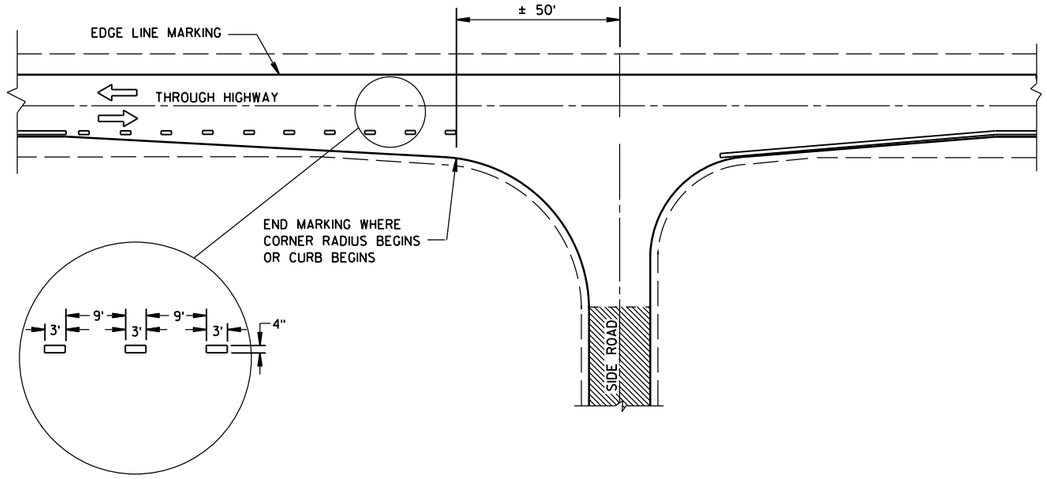
S.D.D. 15 C 33-2



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

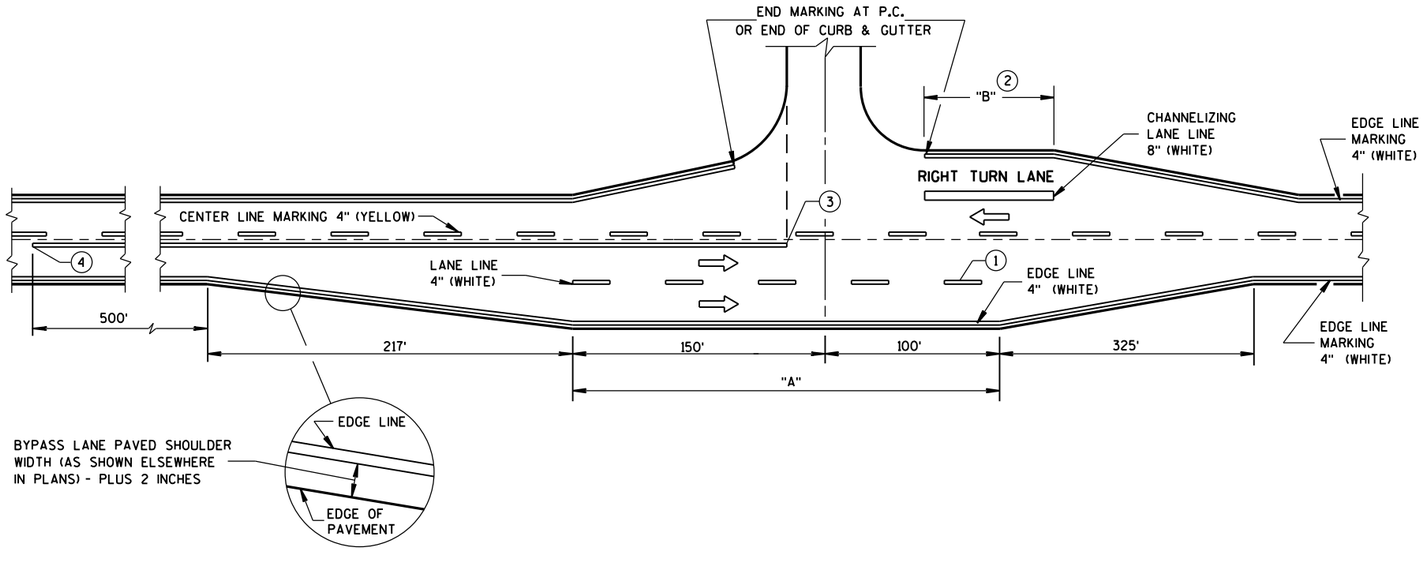
(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(4) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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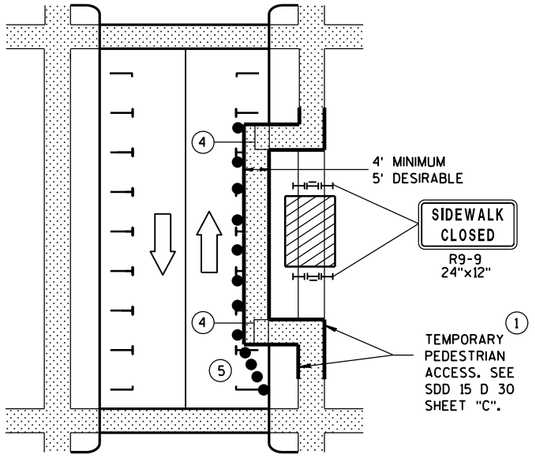
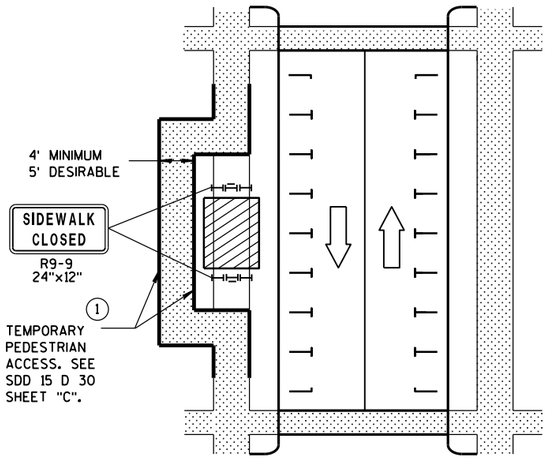
S.D.D. 15 C 35-1a

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

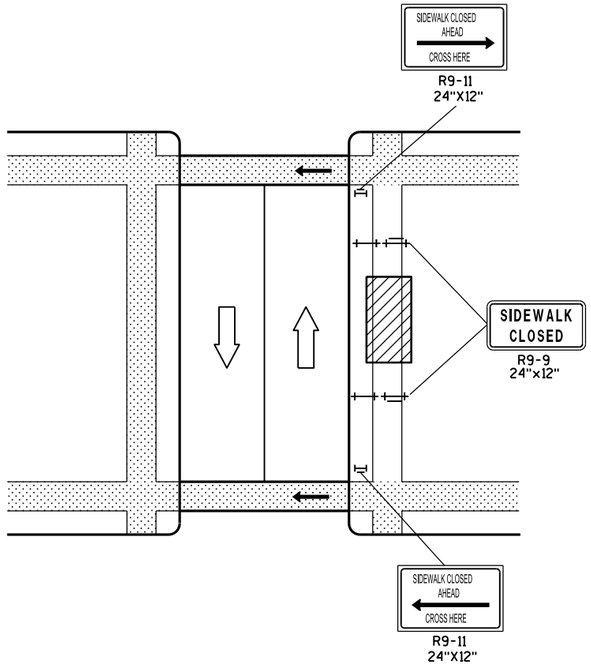


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

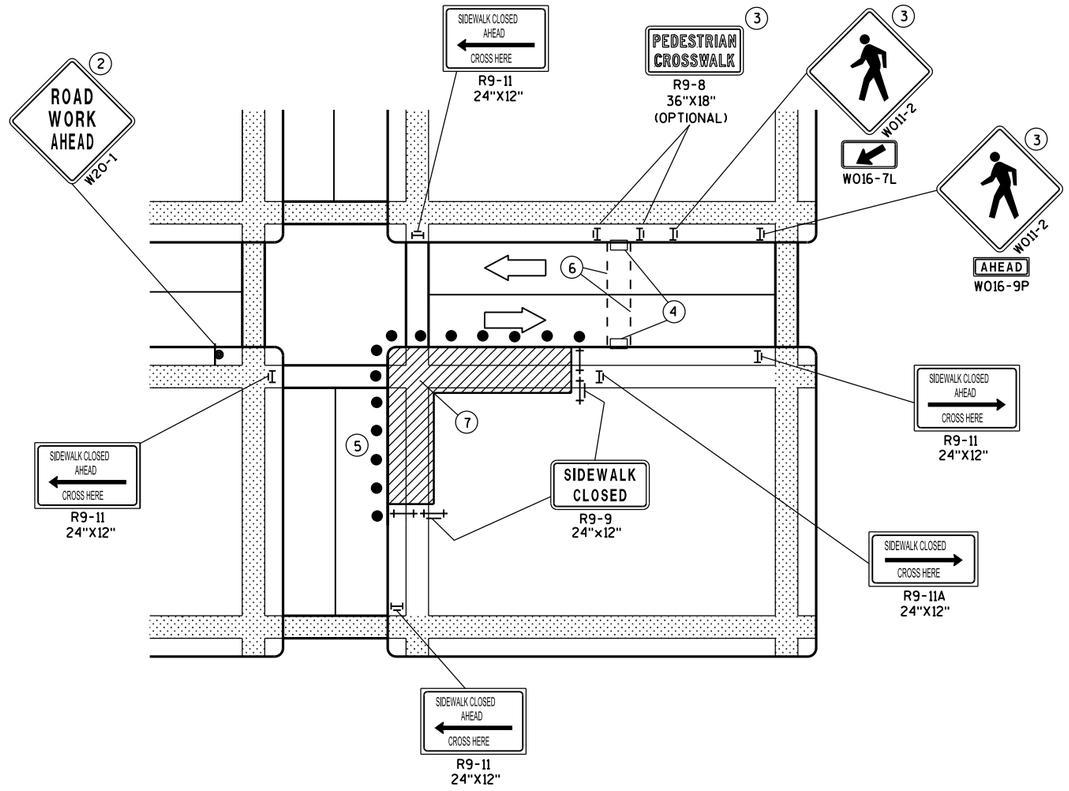
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

(1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.

(2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.

(3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND W011-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.

(4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".

(5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.

(6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.

(7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

- SIGN ON PERMANENT SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 D 30-3a

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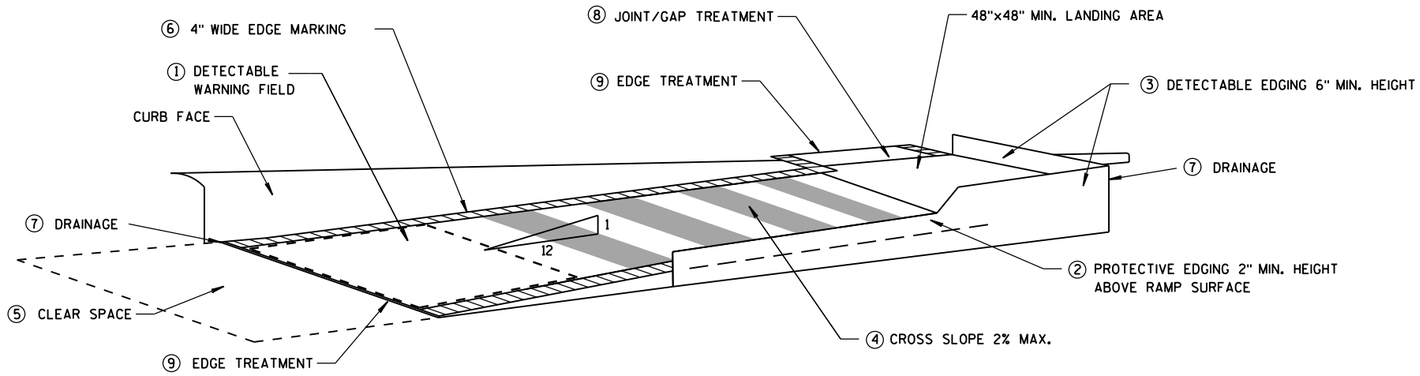
S.D.D. 15 D 30-3a



TEMPORARY CURB RAMP PARALLEL TO CURB

GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".

② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

④ CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

⑤ CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

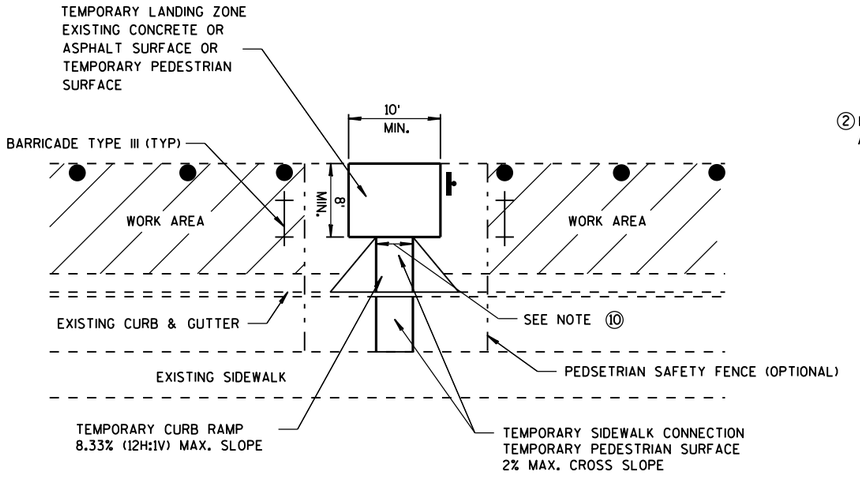
⑥ THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.

⑦ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

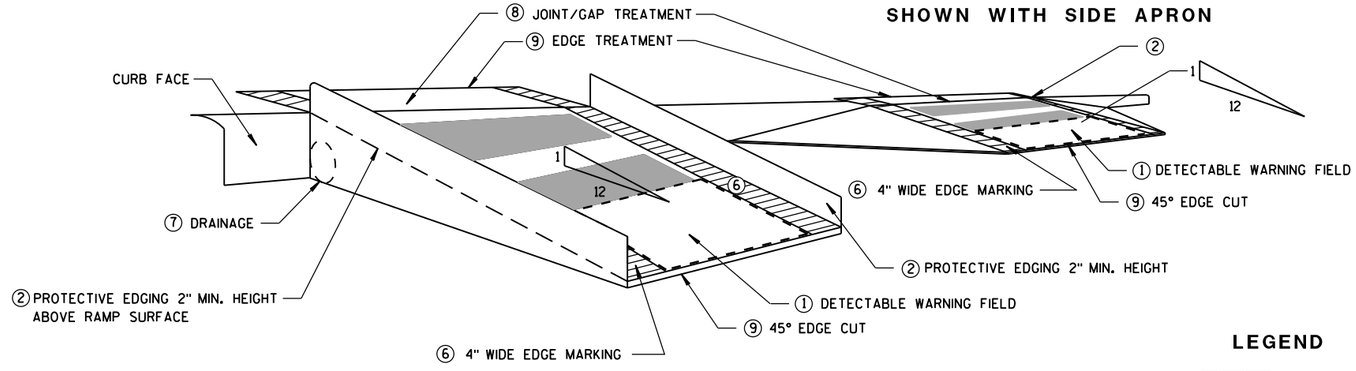
⑧ LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.

⑨ CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

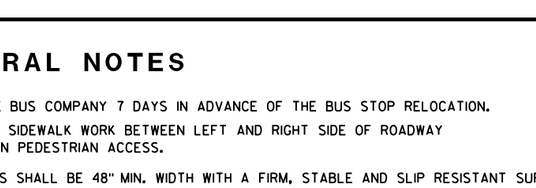
⑩ 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.



TEMPORARY BUS STOP PAD



SHOWN WITH PROTECTIVE EDGE



TEMPORARY CURB RAMP PERPENDICULAR TO CURB

LEGEND

WORK AREA

TYPE III BARRICADE

TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZO SAFETY ENGI IC

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S.D.D. 15 D 30-3b

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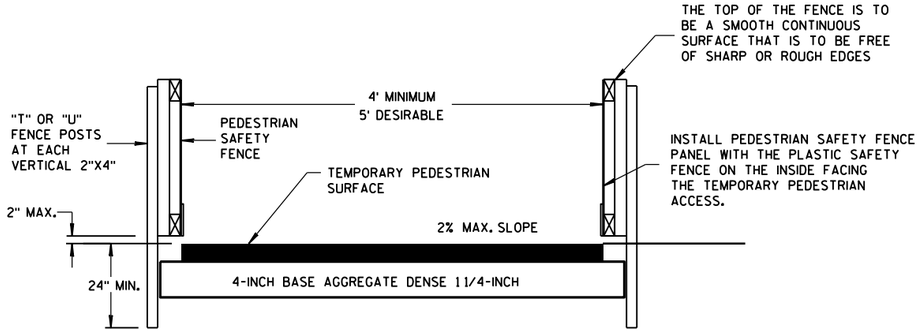
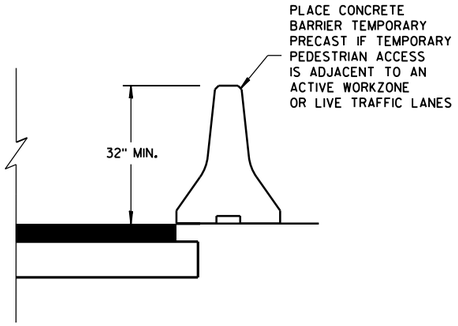
S.D.D. 15 D 30-3b

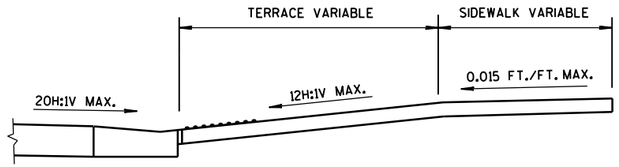




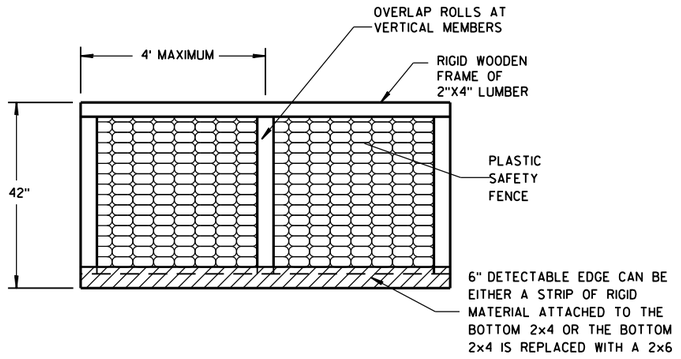
TEMPORARY PEDESTRIAN ACCESS

GENERAL NOTES

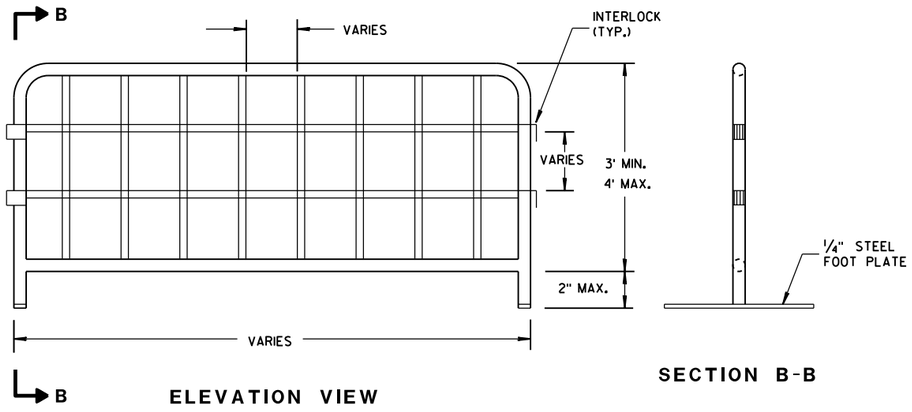
(1) INTERCHANGEABLE WITH THE PEDESTRIAN SAFETY FENCE.



SECTION A-A



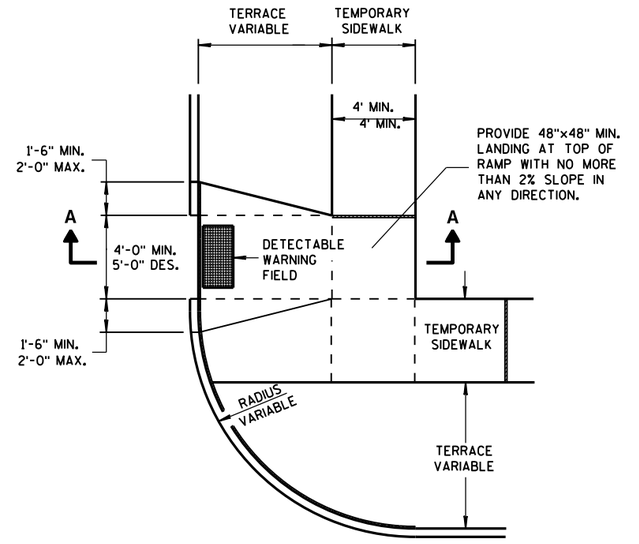
PEDESTRIAN SAFETY FENCE



ELEVATION VIEW

SECTION B-B

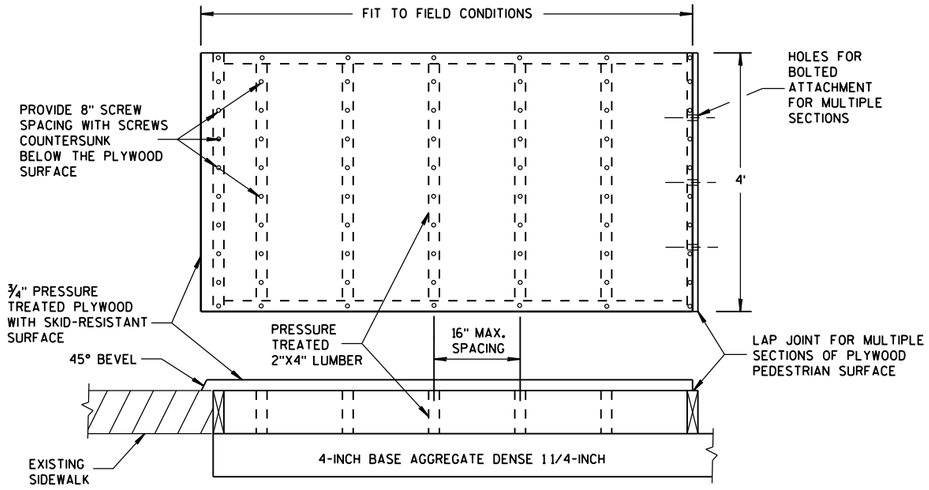
TEMPORARY PEDESTRIAN STEEL BARRICADE (1)



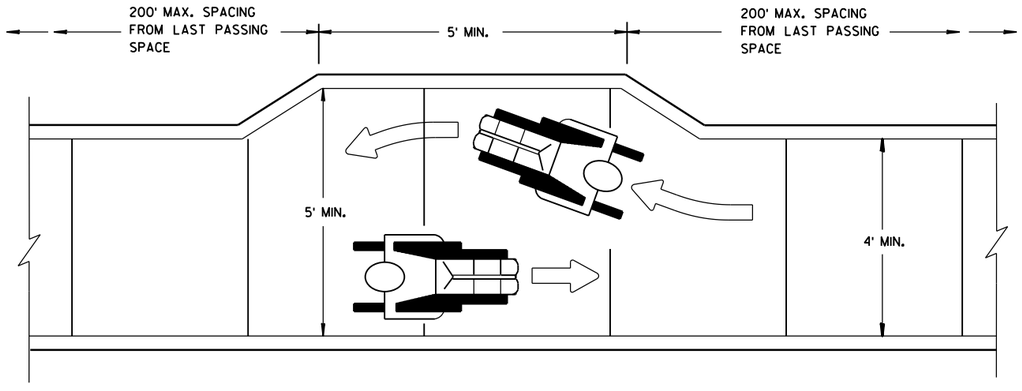
PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



NARROW SIDEWALK PASSING DETAIL

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON SAFETY ENGIN IC
FHWA

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S.D.D. 15 D 30-3c

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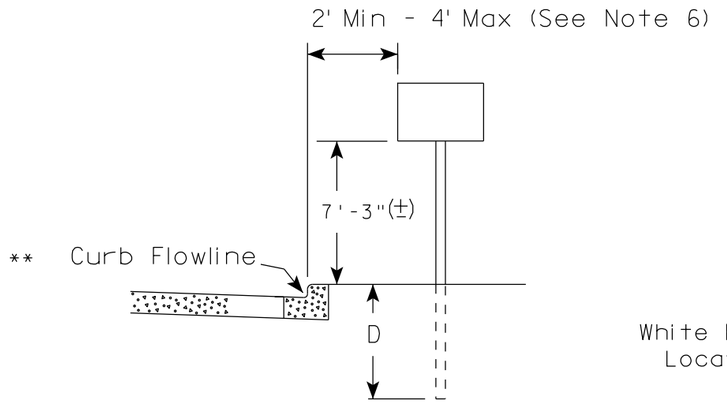
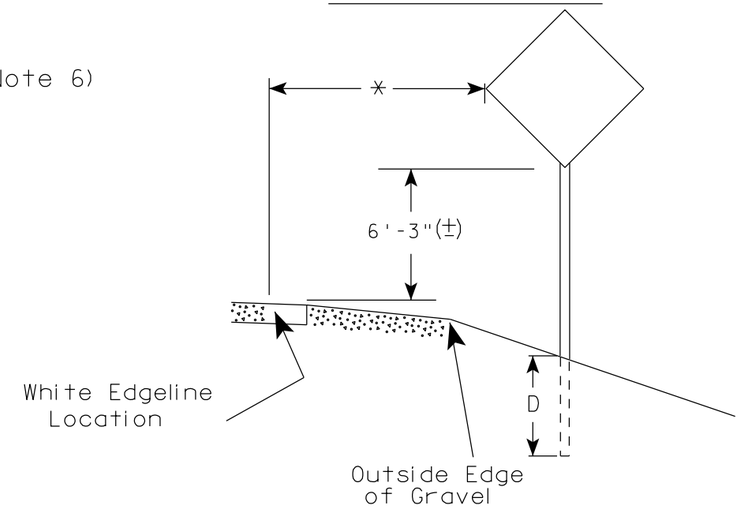
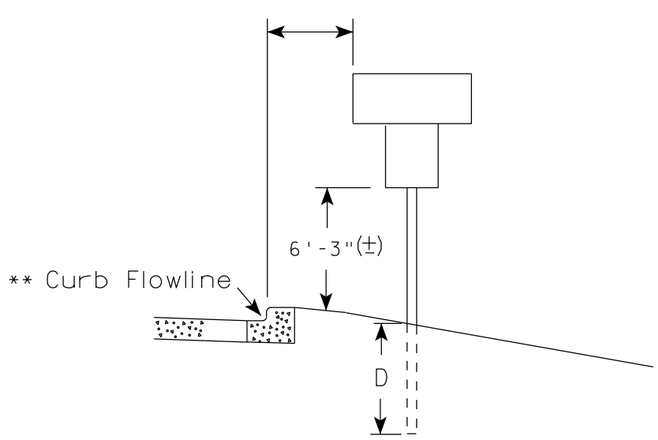
S.D.D. 15 D 30-3c

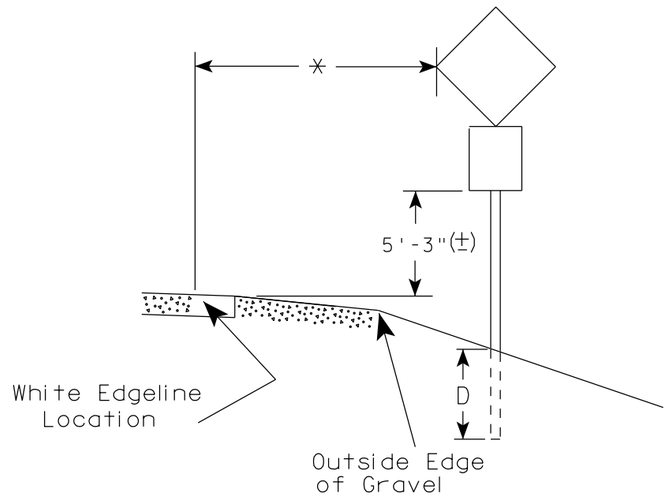
URBAN AREA



RURAL AREA (See Note 2)







** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

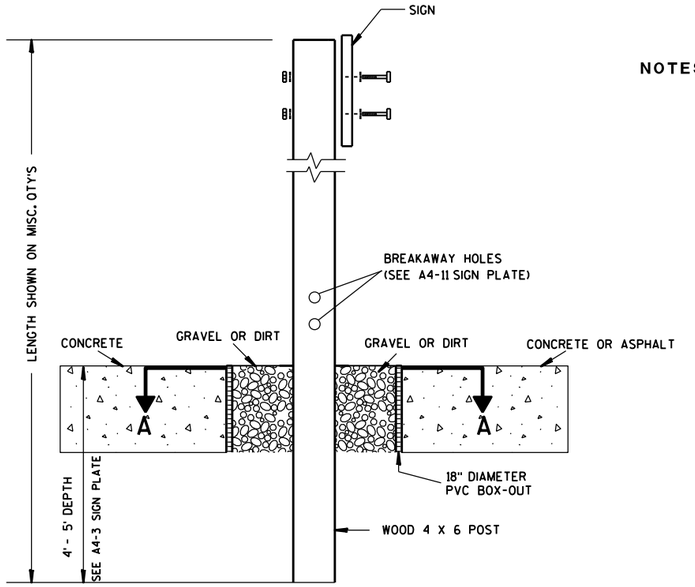
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

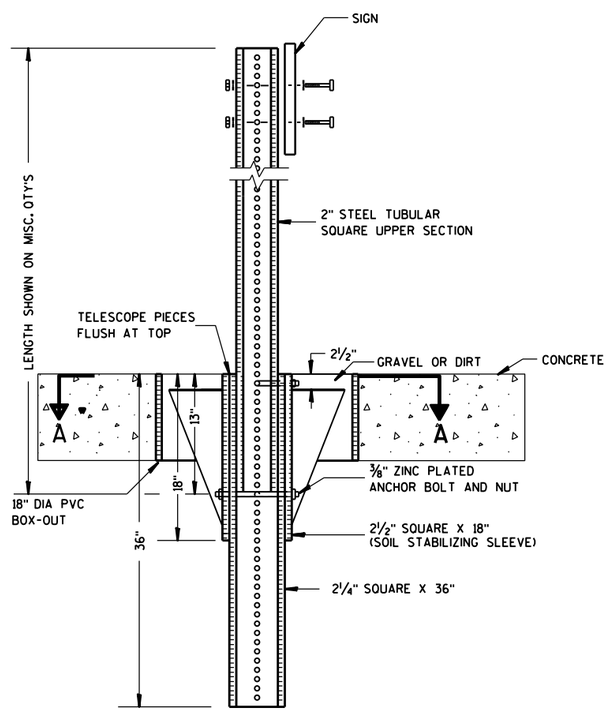
7



ELEVATION VIEW

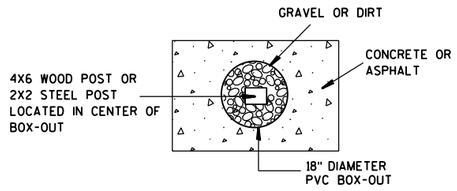
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

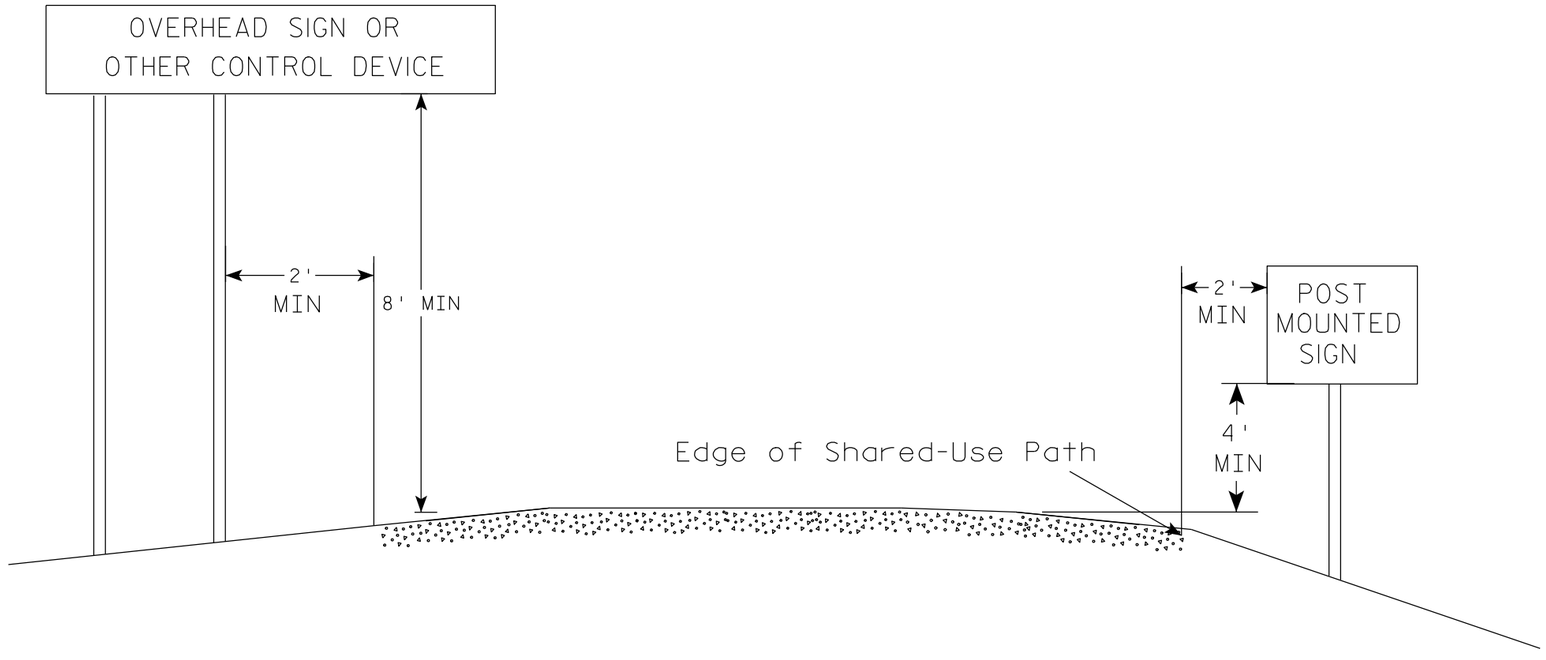
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 1/27/14 PLATE NO. A4-3B.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

GENERAL NOTES

1. Signs wider than 4 feet or larger than 20 sq. ft. shall be mounted on multiple posts. Refer to plate A4-4.
2. Offset distance shall be consistent with existing signs or consistent throughout length of project.



POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON MULTI USE PATHS

WISCONSIN DEPT OF TRANSPORTATION

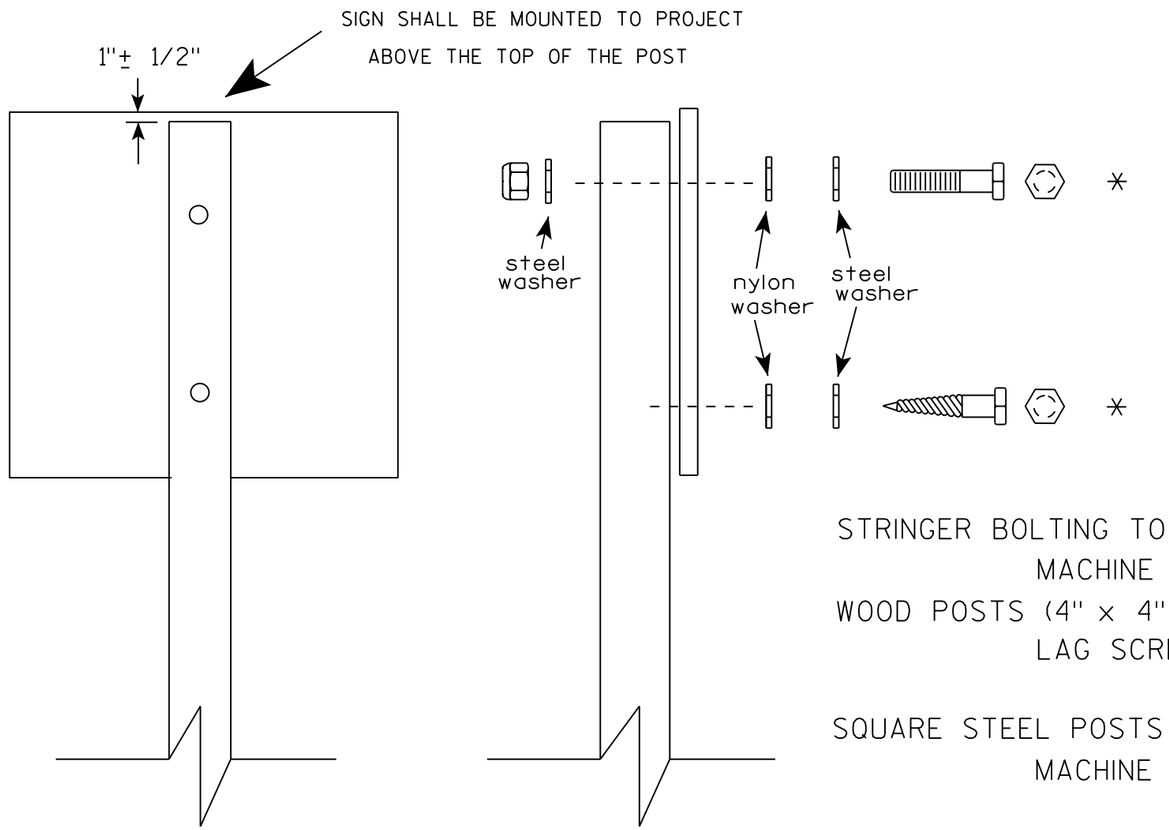
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/5/2012 PLATE NO. A4-3S.1

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 69	E

FILE NAME : c:\CAEFiles\Projects\tr_stdplate\A43S.DGN PLOT DATE : 05-MAR-2012 13:42 PLOT BY : mscj9h PLOT NAME : PLOT SCALE : 101.303739:1.000000

WISDOT/CADDS SHEET 42



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3

b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)

MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts

WOOD POSTS (4" x 4" or 4" x 6")

LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)

3/8" X 4" (STRINGERS ON BACK OF SIGN)

SQUARE STEEL POSTS (2" x 2")

MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)

3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)

RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH

WASHERS (ALL POSTS) -

1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL

1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

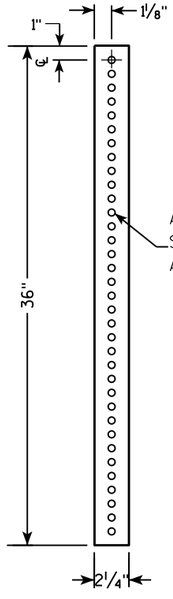
DATE 8/11/16 PLATE NO. A4-8.8

PROJECT NO: SHEET NO: E

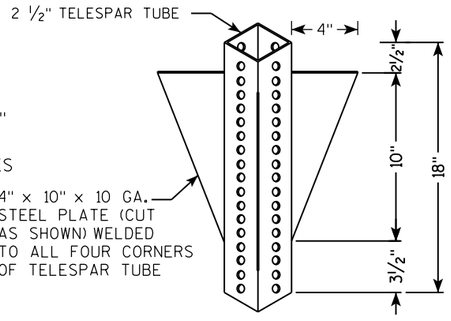
FILE NAME : C:\CADfiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 11-AUG-2016 11:35 PLOT BY : $$ plotuser $$

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

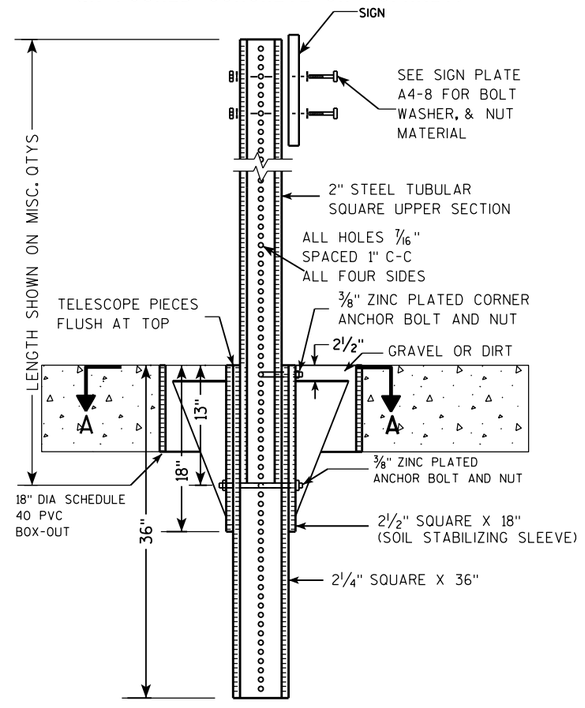
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



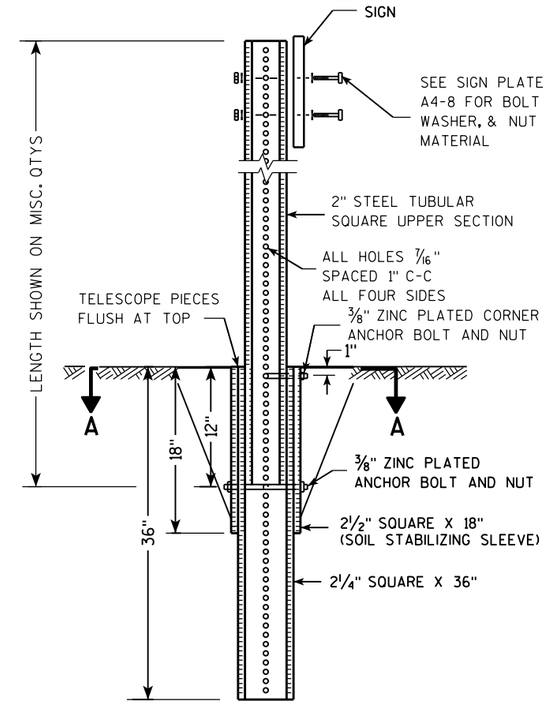
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

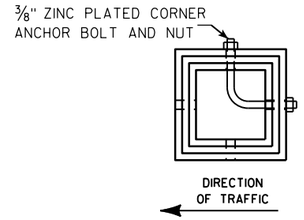


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

TUBULAR STEEL
SIGN POST
A4-9

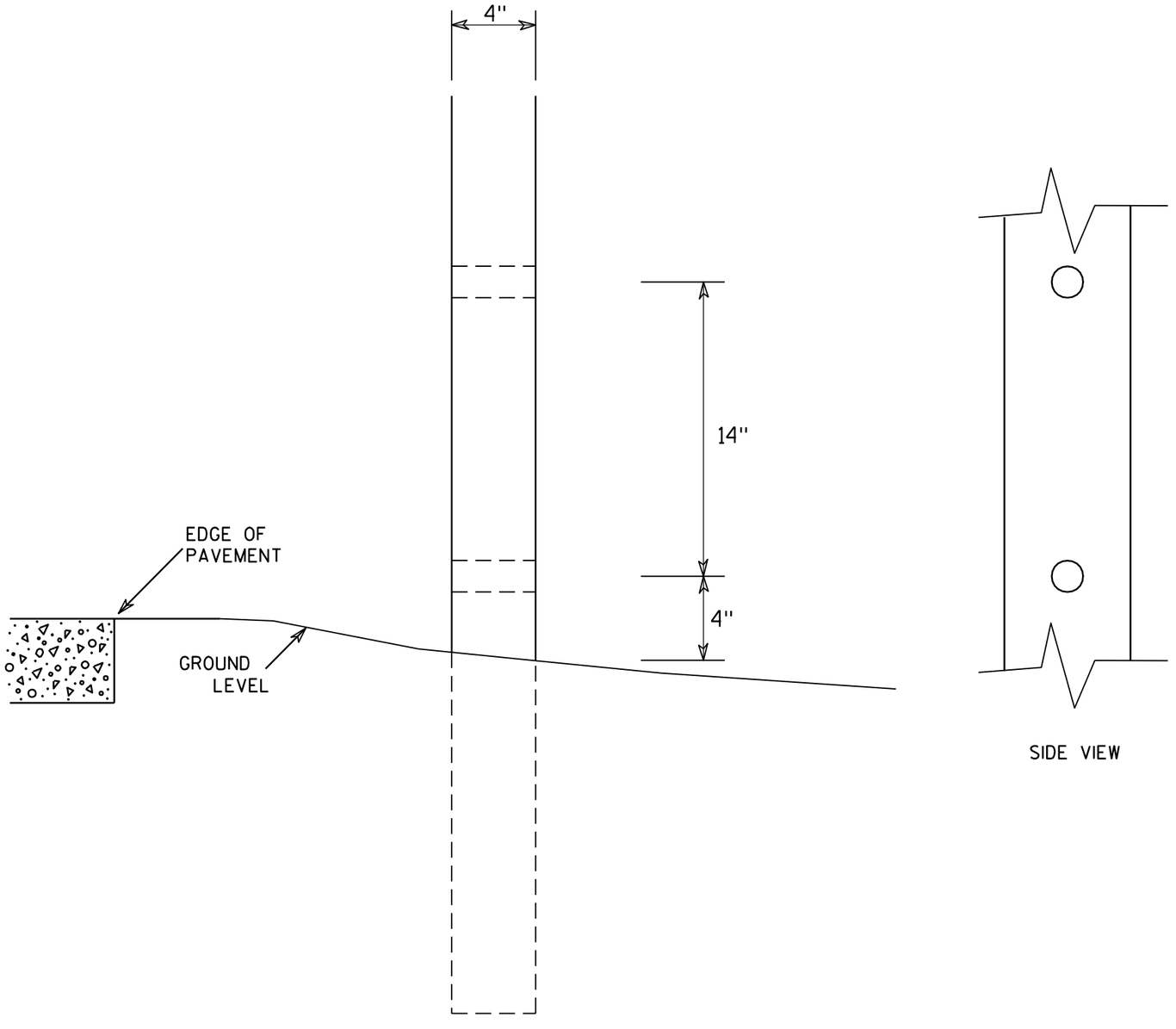
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A49.DGN PLOT DATE : 05-FEB-2015 17:09 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 13.659812:1.000000
WISDOT/CADDS SHEET 42



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

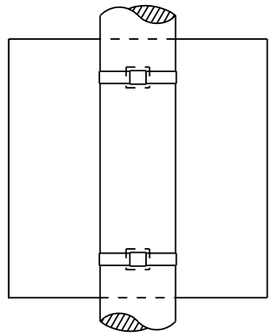
APPROVED Chester J Spang for State Traffic Engineer

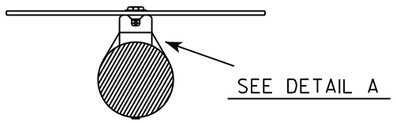
DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 72	E

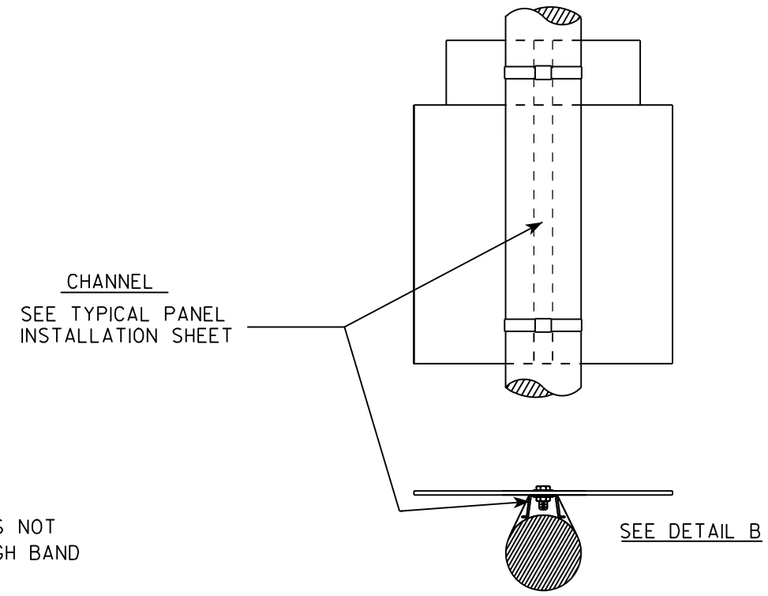
BANDING

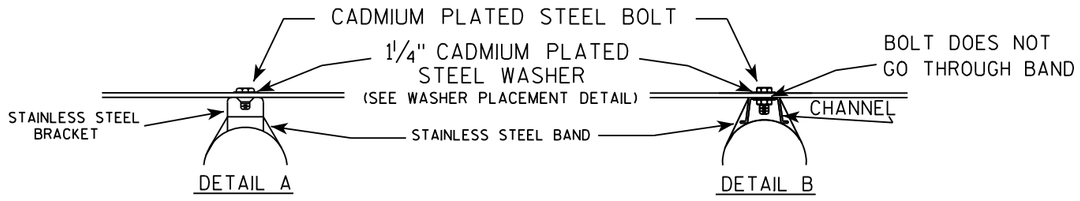
SINGLE SIGN



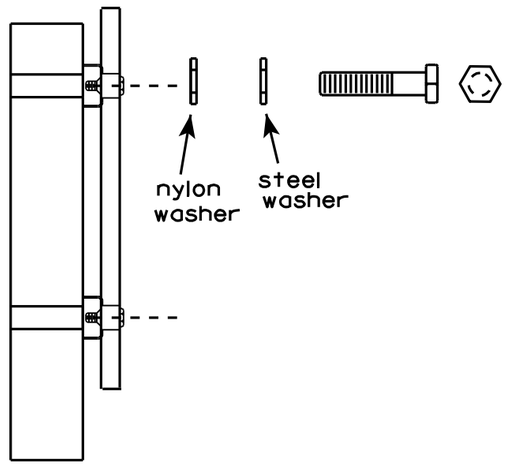


"J" ASSEMBLY





WASHER PLACEMENT



WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON
FOR ALL TYPE H SIGNS

GENERAL NOTES

1. Any sign over 3 feet in width shall use the V-Block banding method. See A5-10 standard plate.
2. Signs 3 feet or greater in height shall have three bracket bands installed. Signs less than 3 feet in height shall have two bracket bands installed.
3. Banding and assembly bracket shall be stainless steel. All bands shall be 3/4" in width and 0.025" thickness.

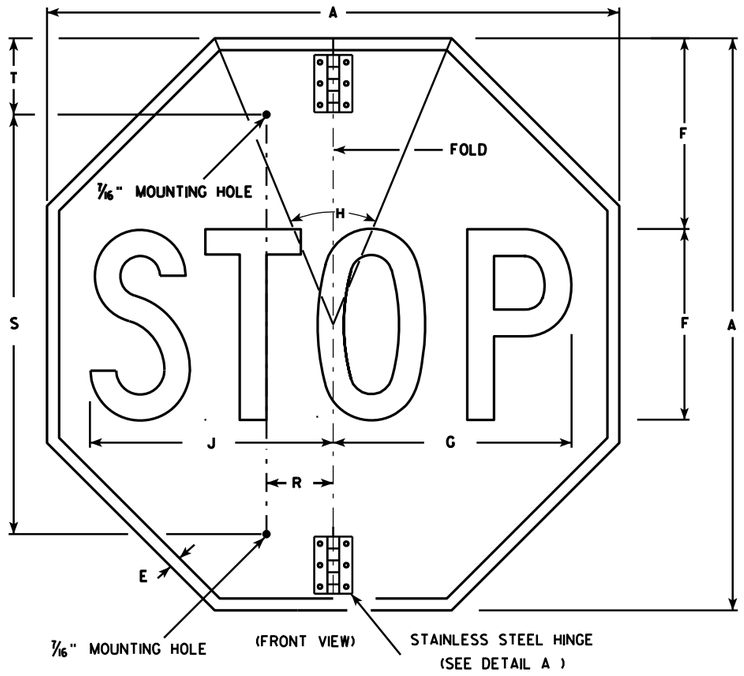
STANDARD SIGN
SIGN BANDING DETAILS

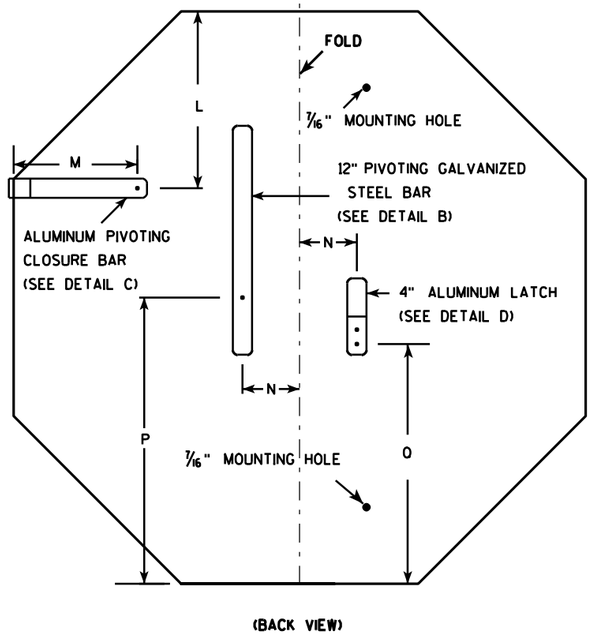
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/13 PLATE NO. A5-9.3

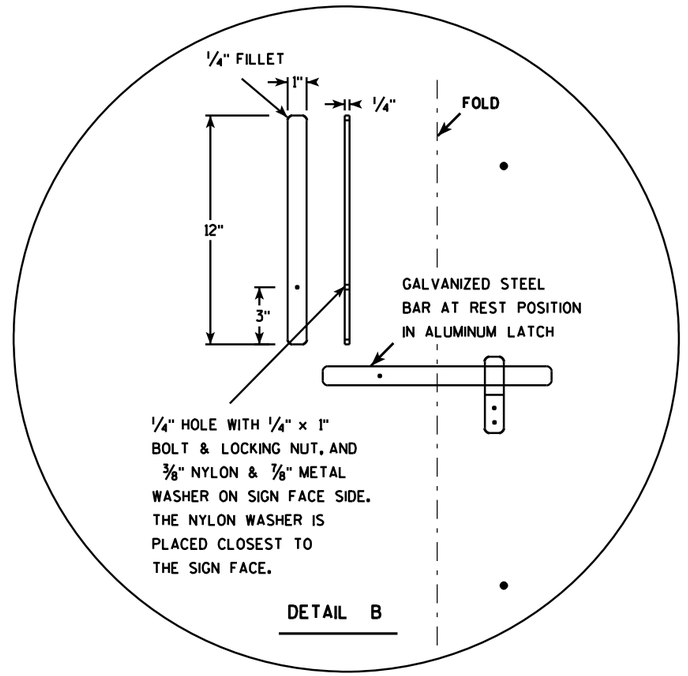
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 73	E

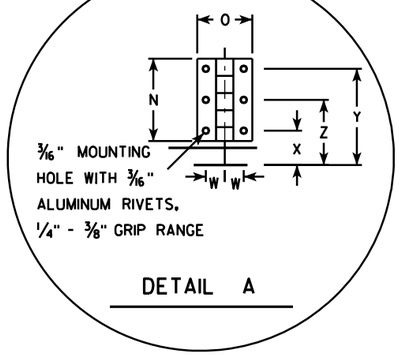


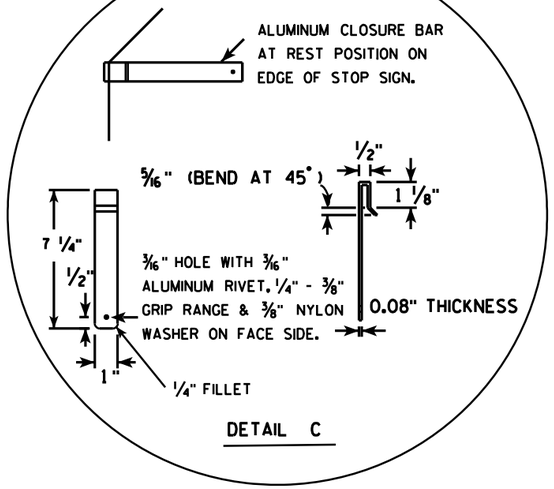


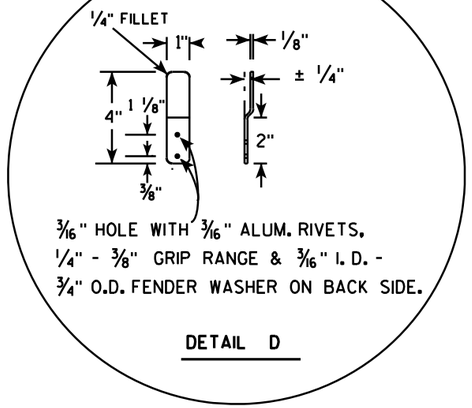
NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. All hardware used on the folding STOP sign installation shall conform to 637.2.4 of the WIS DOT Standard Specification.









SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30				5/8	10	12 1/2	45		12 3/4		9 1/4	6 1/2	3	2	15	12 3/8	2 1/2	22	5			11/16	1 1/4	3 1/2	2 3/8	5.18
2M	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
3	36				3/4	12	15	45		15 3/8		11	6 1/2	3	2	18	15 3/8	2 1/2	26	5			11/16	1 1/4	3 1/2	2 3/8	7.46
4																											
5																											

STANDARD SIGN
R1-1F

WISCONSIN DEPT OF TRANSPORTATION

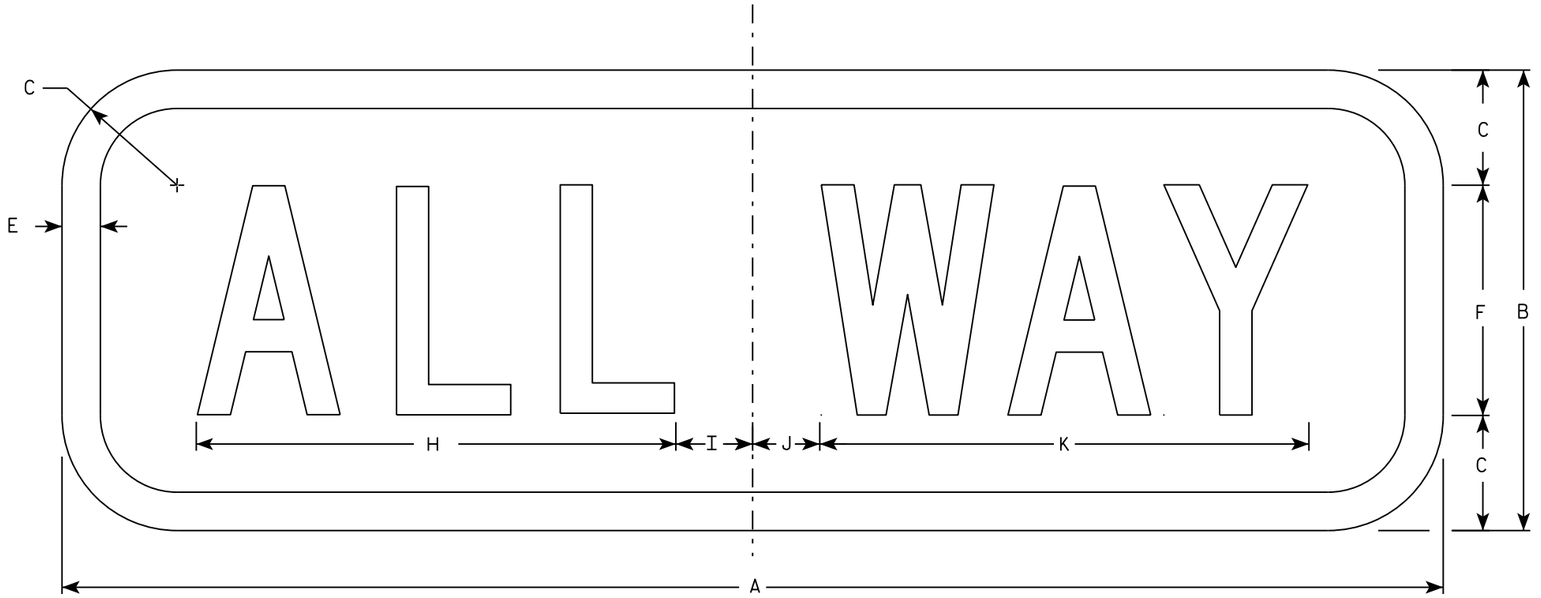
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 12/03/10 PLATE NO. R1-1F.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 74	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - Red
   Message - White
3. Message Series - C
4. For 30"x30" R1-1 use 18"x6" R1-3P sign
   For 36"x36" R1-1 use 24"x9" R1-3P sign
   For 48"x48" R1-1 use 30"x12" R1-3P sign



R1-3P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																0.75
2S	18	6	1 1/2		1/2	3		6 1/4	1 1/4	7/8	6 3/8																1.5
2M	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
3	24	9	1 1/2		1/2	5		9 1/4	1 1/4	3/4	9 3/4																1.5
4	30	12	2 1/4		5/8	6		11	2 1/4	1 1/2	11 3/4																2.5
5	30	12	2 1/4		5/8	6		11	2 1/4	1 1/2	11 3/4																2.5

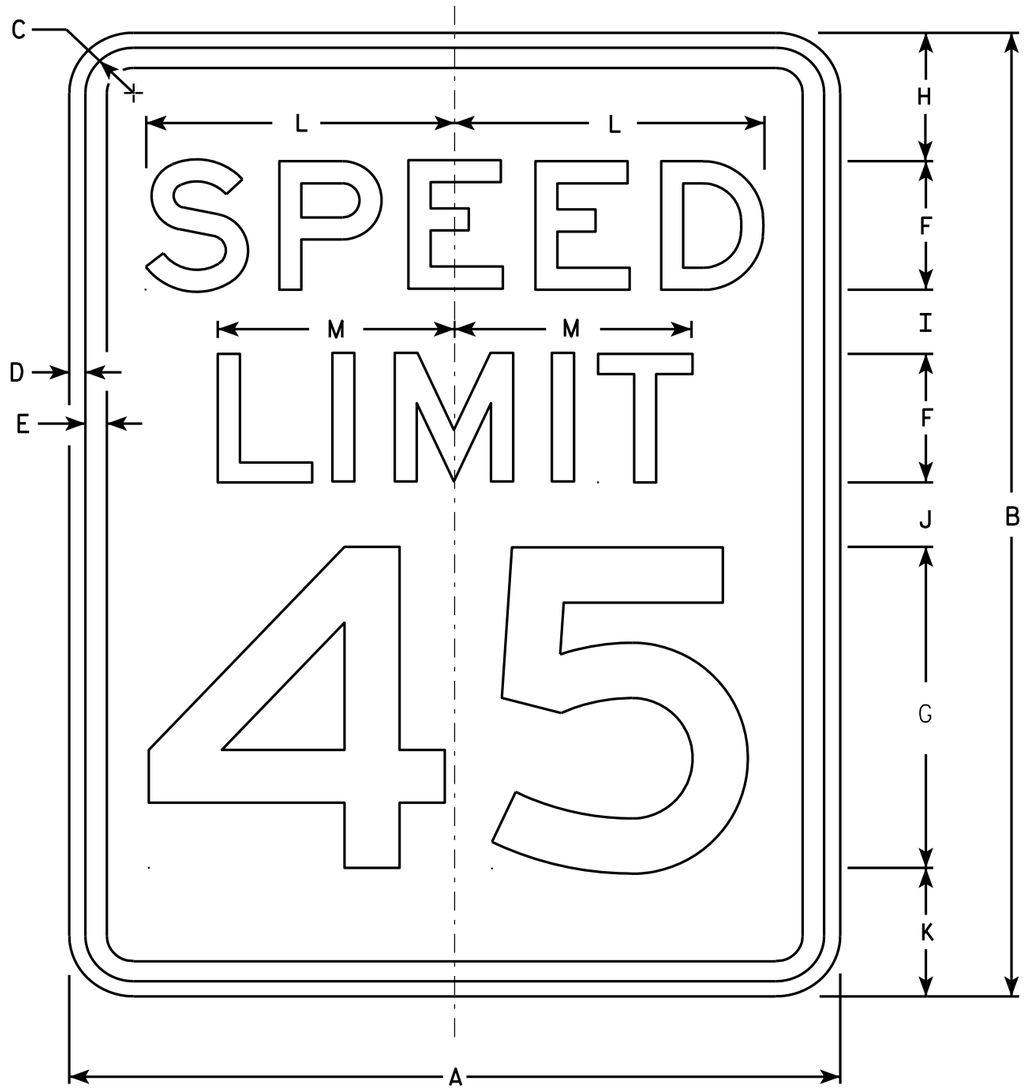
STANDARD SIGN
R1-3P

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R1-3P.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 75 | E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

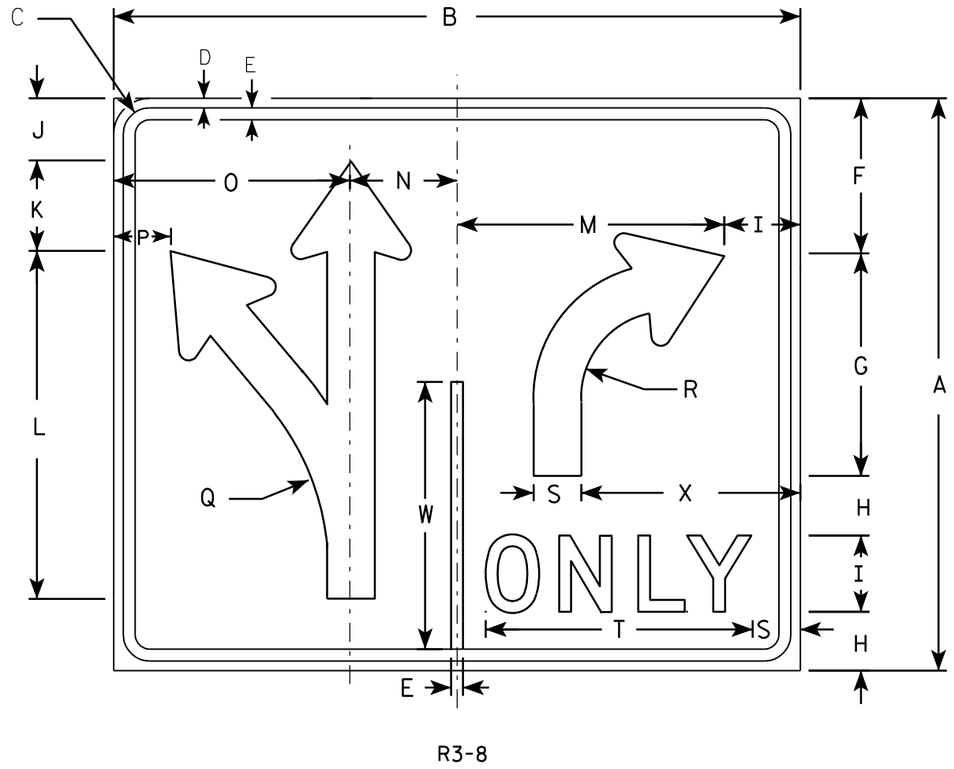
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

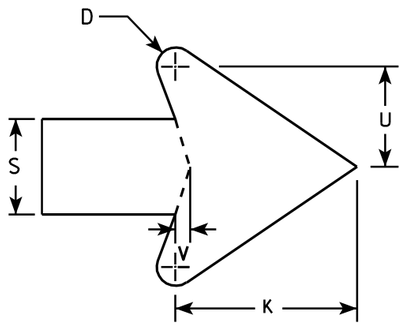
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 76 | E

7

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R21.DGN PLOT DATE : 28-MAY-2010 08:32 PLOT BY : ditjph PLOT NAME : PLOT SCALE : 4.717577:1.000000
WISDOT/CADDS SHEET 42



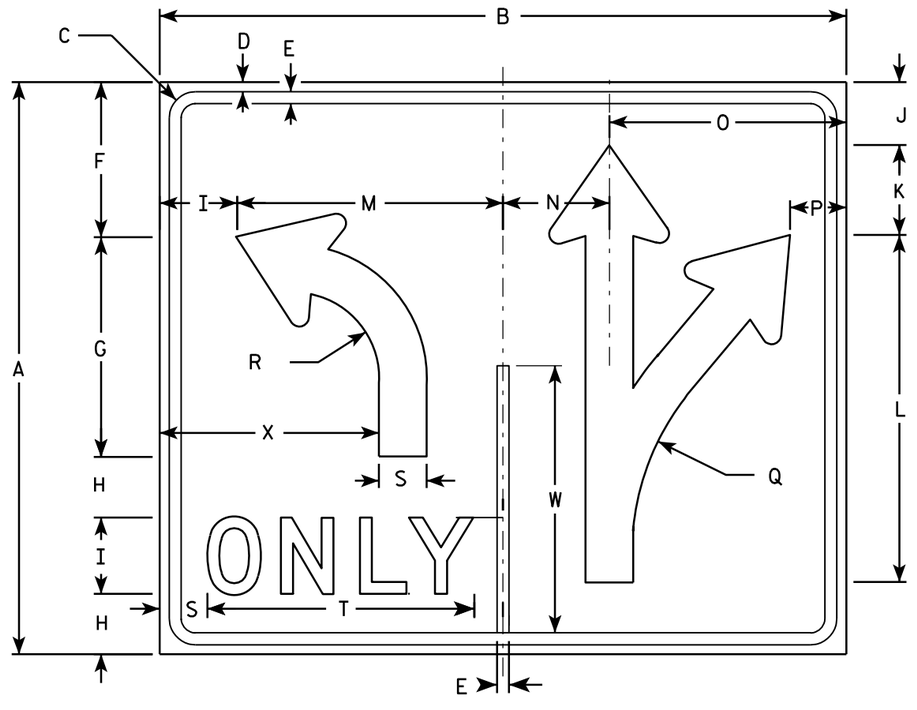
R3-8



ARROW DETAIL

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - WHITE
   Message - BLACK
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R3-8A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	3 1/4	4 3/4	18 1/4	14	5 5/8	12 3/8	3	13 1/4	4 1/2	2 1/2	14	2 5/8	3/8	14	11 1/2			7.5
2M	30	36	1 3/8	1/2	5/8	8 1/8	11 5/8	3 1/8	4	3 1/4	4 3/4	18 1/4	14	5 5/8	12 3/8	3	13 1/4	4 1/2	2 1/2	14	2 5/8	3/8	14	11 1/2			7.5
3																											
4	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	5 1/4	7 1/8	29 1/8	21	8 3/8	18 5/8	4 3/8	21 7/8	7 1/4	3 3/4	20 5/8	4	5/8	22 3/8	17 1/4			18.0
5	48	54	2 1/4	3/4	1	13 1/4	18 1/2	5 1/8	6	5 1/4	7 1/8	29 1/8	21	8 3/8	18 5/8	4 3/8	21 7/8	7 1/4	3 3/4	20 5/8	4	5/8	22 3/8	17 1/4			18.0

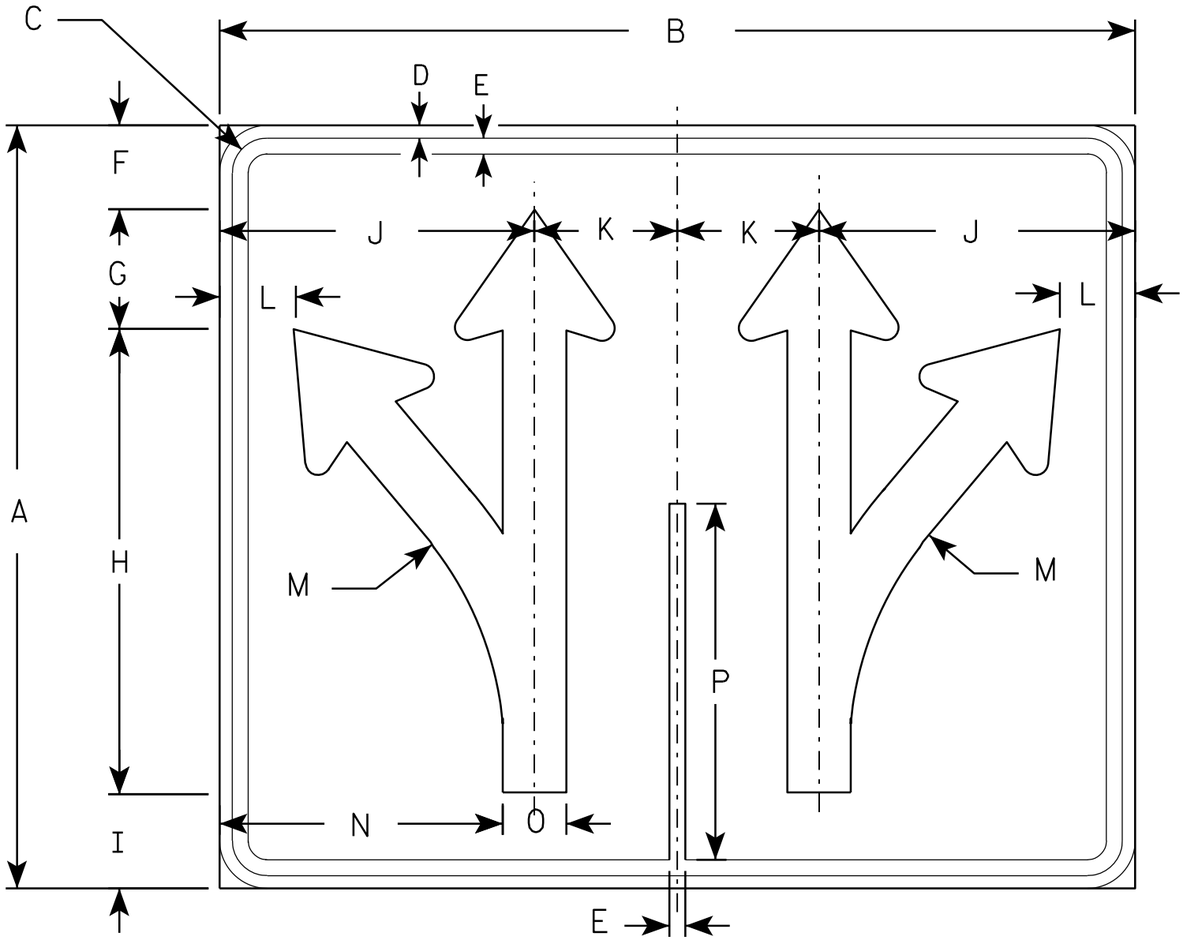
STANDARD SIGN
R3-8 & R3-8A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/18/2011 PLATE NO. R3-8.5

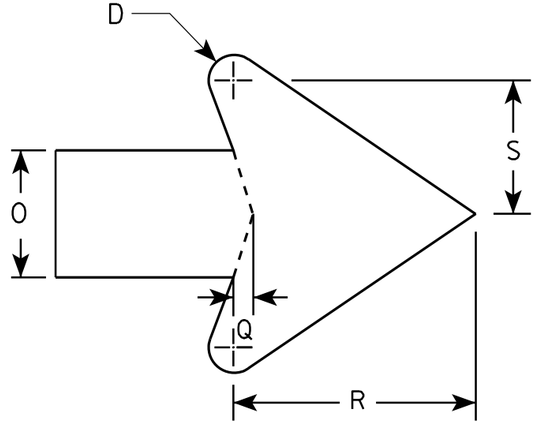
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 77	E



R3-8K

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - WHITE
   Message - BLACK
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	30	36	1 3/8	1/2	5/8	3 1/4	4 3/4	18 1/4	3 3/4	12 3/8	5 5/8	3	13 1/4	11 1/8	2 1/2	14	3/8	4 3/4	2 5/8								7.5
2M	30	36	1 3/8	1/2	5/8	3 1/4	4 3/4	18 1/4	3 3/4	12 3/8	5 5/8	3	13 1/4	11 1/8	2 1/2	14	3/8	4 3/4	2 5/8								7.5
3																											
4	48	54	2 1/4	3/4	1	5 1/4	7 1/2	29 1/4	5 7/8	18 5/8	8 3/8	4 3/8	22 1/4	16 3/4	3 3/4	22 3/8	5/8	7 1/8	4								18.0
5	48	54	2 1/4	3/4	1	5 1/4	7 1/2	29 1/4	5 7/8	18 5/8	8 3/8	4 3/8	22 1/4	16 3/4	3 3/4	22 3/8	5/8	7 1/8	4								18.0

STANDARD SIGN
R3-8K

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

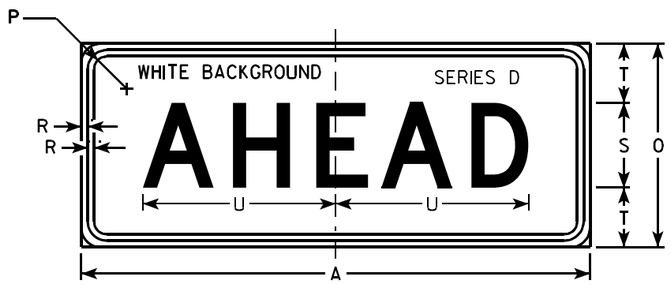
DATE 3/21/2011 PLATE NO. R3-8K.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 78	E

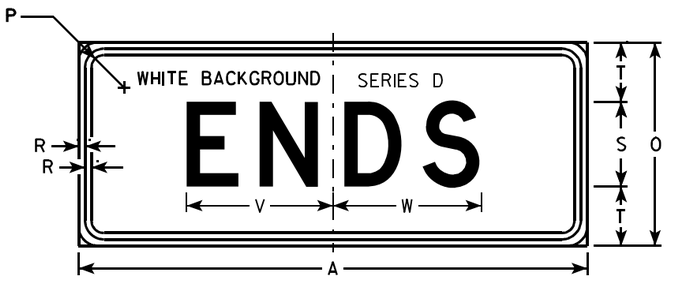
R3-17

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - AS SHOWN
   Message - BLACK
3. Message Series - C or as noted on the Signs.
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R3-17ap



R3-17bp

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	R3-17 Area sq. ft.	R3-17ap Area sq. ft.	R3-17bp Area sq. ft.
1																													
2S	30	24	1 1/8	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/8	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
2M	30	24	1 1/8	3/8	1/2	2	4	4 1/8	7 7/8	6 3/8	9 1/2	2 5/8	7/8	13	12	1 1/8	3 3/8	3/8	5	3 1/2	11 3/8	8 5/8	8 3/4	2 3/8	15 5/8	8	5.0	2.5	2.5
3																													
4																													
5																													

STANDARD SIGN
R3-17 & R3-17a&bp

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/12/2011 PLATE NO. R3-17.2

PROJECT NO:

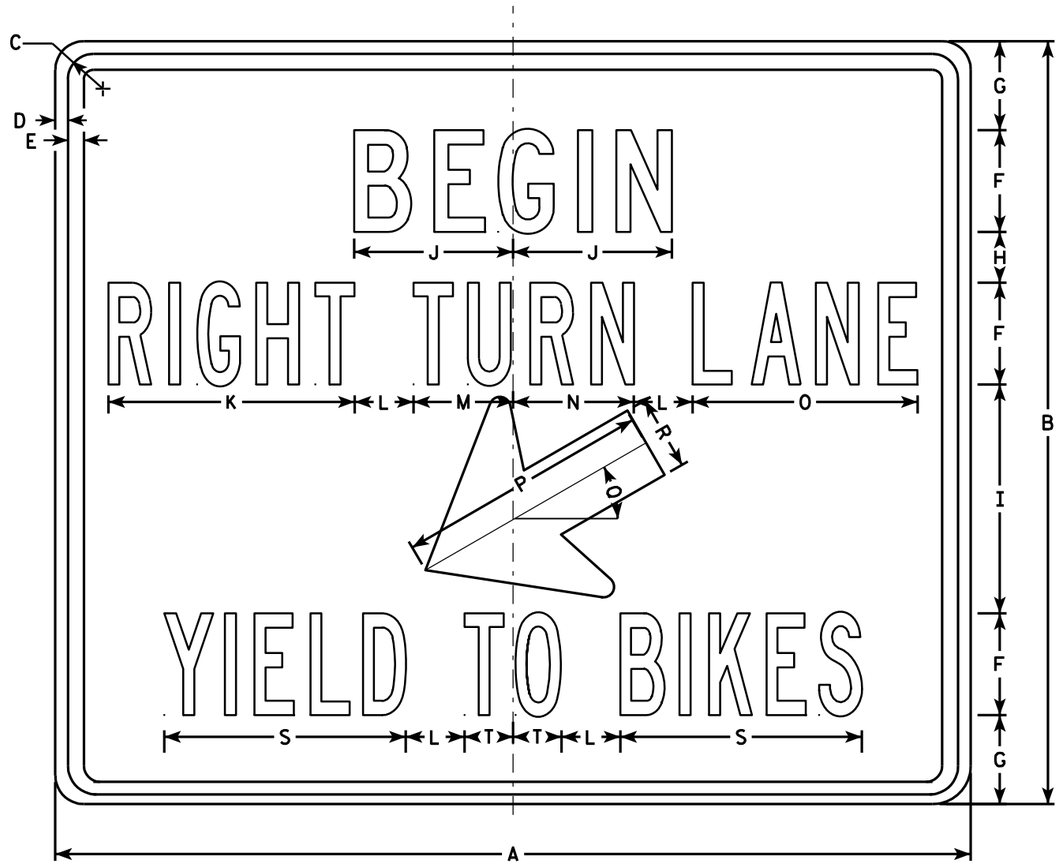
SHEET NO: 79 E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\R317.DGN PLOT DATE : 02-APR-2013 14:09 PLOT BY : mscj9h

WISDOT/CADDS SHEET 42

7

7



R4-4

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Line 1 is Series C
   Lines 2 & 3 are Series B

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	36	30	1 3/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
2M	36	30	1 3/8	1/2	5/8	4	3 1/2	2	9	6 1/4	9 3/4	2 3/8	3 7/8	4 3/4	8 7/8	10	30°	2 7/8	9 1/2	1 7/8							7.5
3																											
4																											
5																											

STANDARD SIGN
R4-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-4.2

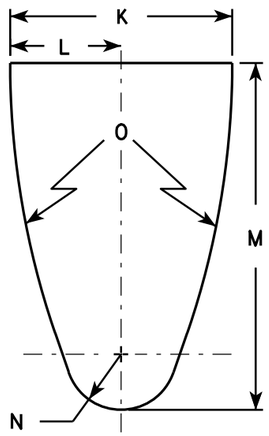
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 80	E

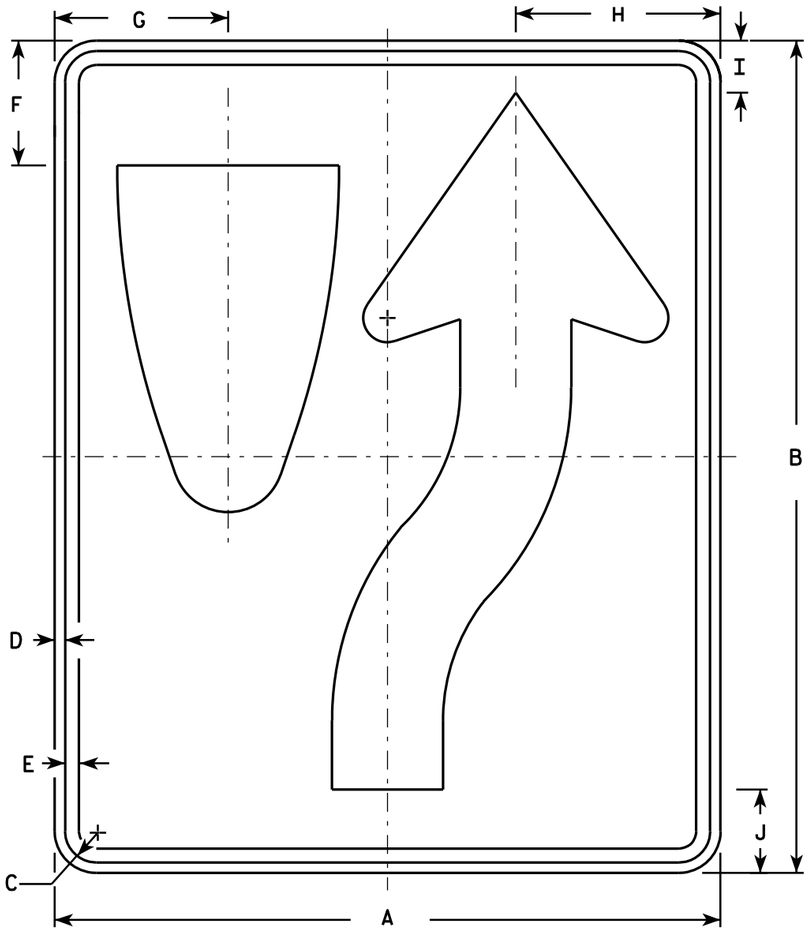
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R44.DGN PLOT DATE : 25-MAR-2011 13:45 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

7

7

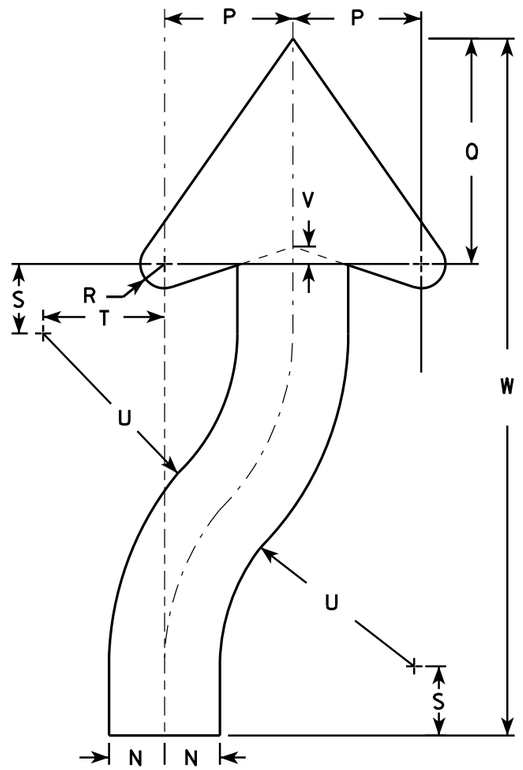




R4-7

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition. material is plywood but borders shall be rounded
2. Color:
   Background - White
   Message - Black
3. Corners may be square or rounded when base as shown. When base material is metal, the corners and borders shall be rounded.
4. R4-8 is the same as R4-7 except Legend is reversed.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3 3/8	4 3/4	5 1/2	1 3/8	2 1/4	6	3	9 3/8	1 1/2	22 1/2	3 1/2	6 1/8	5/8	1 7/8	3 1/4	6 3/4	1/2	20 3/8				3.0
2S	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
2M	24	30	1 1/8	3/8	1/2	4 1/2	6 1/4	7 3/8	1 7/8	3	8	4	12 1/2	2	30	4 5/8	8 1/8	7/8	2 1/2	4 3/8	9	5/8	25 1/8				5.0
3	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
4	36	48	1 3/4	1/2	5/8	6 3/4	9 3/8	11 1/8	2 7/8	4 1/2	12	6	18 3/4	3	45	6 7/8	12 1/4	1 1/4	3 3/4	6 5/8	13 1/2	1	40 3/4				12.0
5	48	60	2 1/4	3/4	1	9	12 1/2	14 3/4	3 3/4	6	16	8	25	4	60	9 1/4	16 1/4	1 5/8	5	8 3/4	18	1 1/4	50 1/4				20.0

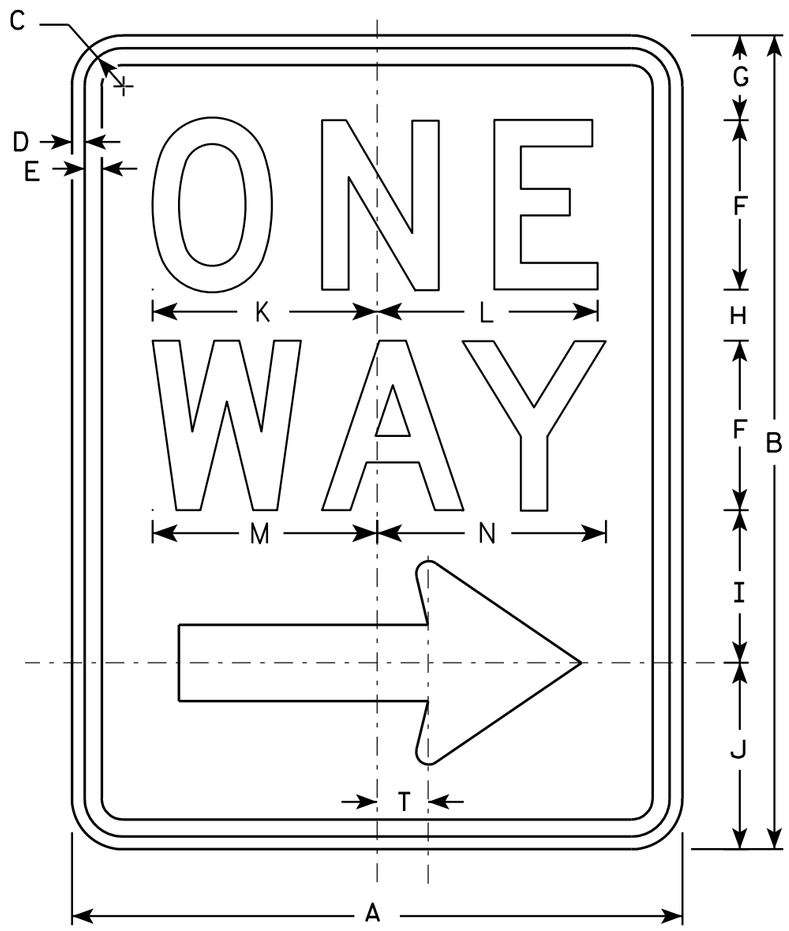
STANDARD SIGN
R4-7 & R4-8

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch for State Traffic Engineer

DATE 3/25/2011 PLATE NO. R4-7.8

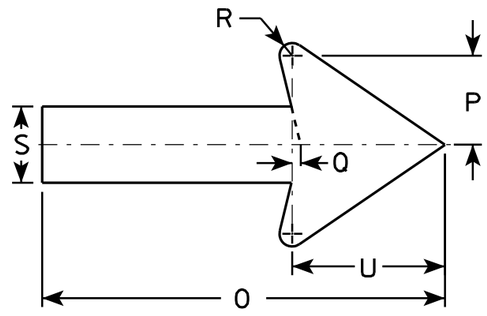
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 81	E



R6-2R

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R6-2L same as R6-2R except arrow points to the left.



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	18	24	1 1/8	3/8	1/2	5	2 1/2	1 1/2	4 1/2	5 1/2	6 5/8	6 1/2	6 5/8	6 3/4	11 7/8	2 5/8	1/4	3/8	2 1/4	1 1/2	4 1/2					
2S	24	30	1 1/8	3/8	1/2	6	3	2 1/2	5 1/2	7	8 1/8	8 1/8	8 1/2	8 5/8	16	3 1/2	3/8	1/2	3	2	6					
2M	30	36	1 3/8	1/2	5/8	8	2 1/2	2 5/8	6 7/8	8	10 1/2	10 1/2	11 1/4	11 1/4	20	4 3/8	1/2	5/8	3 3/4	2 1/2	7 1/2					
3	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
4	36	48	1 7/8	1/2	5/8	10	5 1/4	3 1/4	9	10 1/2	12 3/4	12 3/4	13 1/4	13 1/2	24	5 5/8	1/2	3/4	4 3/4	3	9					
5																										

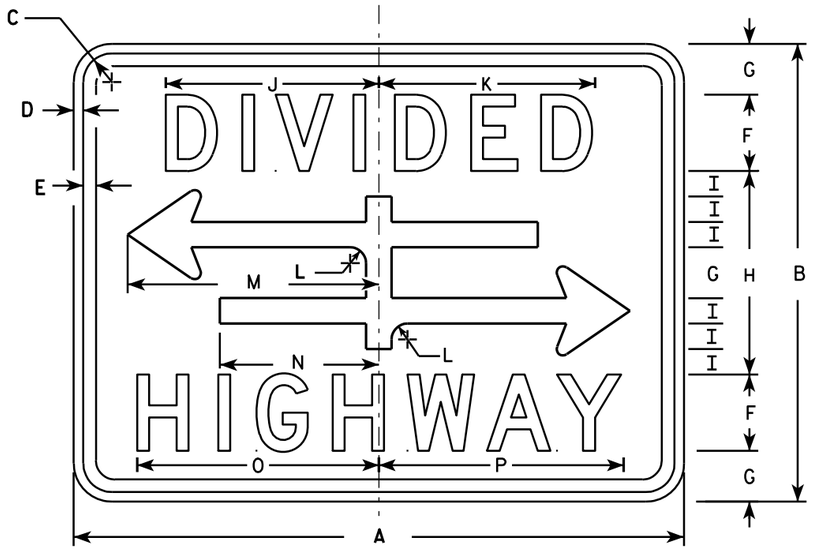
STANDARD SIGN
R6-2 R&L

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/2/10 PLATE NO. R6-2.8

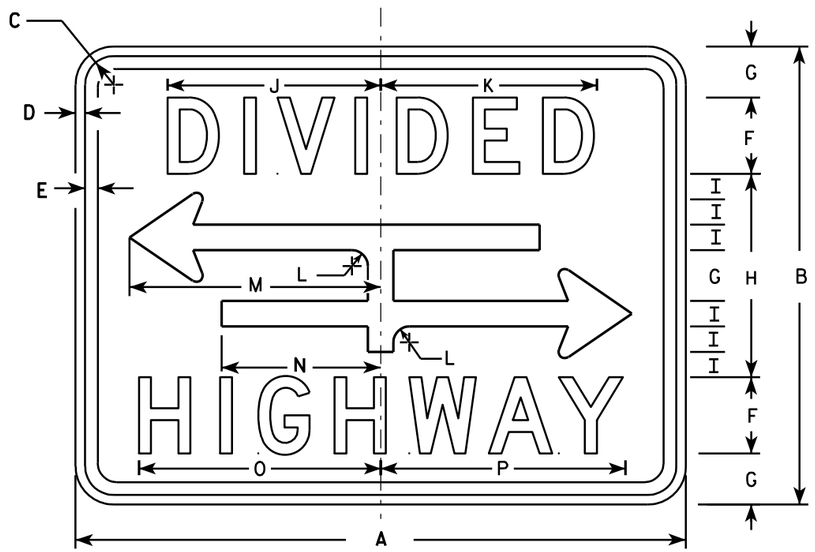
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 82	E



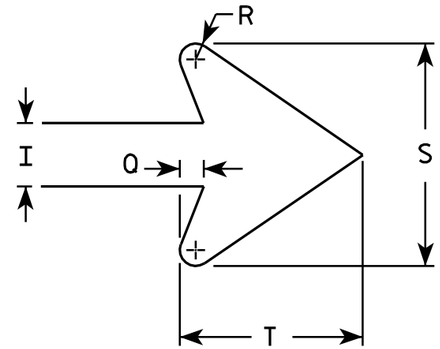
R6-3

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R6-3A



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	18	1 1/8	3/8	3/8	3	2	8	1	8 3/8	8 1/2	5/8	9 7/8	6 1/4	9 1/2	9 5/8	3/8	1/4	3 1/2	2 3/4							3.0
2S	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
2M	30	24	1 1/8	3/8	1/2	4	2 5/8	10 3/4	1 3/8	10 1/2	10 5/8	7/8	12 1/2	7 7/8	12 1/4	12 3/8	1/2	3/8	4 5/8	3 5/8							5.0
3																											
4																											
5																											

STANDARD SIGN
R6-3 & R6-3A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R6-3.5

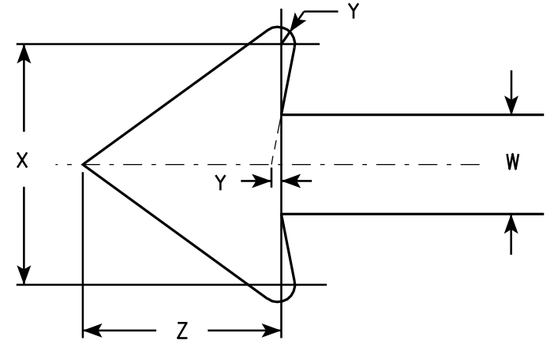
PROJECT NO:

SHEET NO: 83 E

R7-51

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R7-51D (double arrow)
   R7-51R (right arrow)
   R7-51L (left arrow)
6. Lines 1, 3 and 4 are Series C.
   Line 2 is Series B.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	4 7/8	5/8	1 3/4	2 1/2	4 3/8	3 7/8	3/4	1 3/4	1/8	1 1/2	1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	5 3/4	1 1/8	1 1/2	3 1/8	5 1/2	5 7/8	1 1/8	2 5/8	1/4	2 1/4	3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 1/8	1 1/4	2	3 3/4	6 1/2	7 3/4	1 1/2	3 1/2	1/4	3	5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 1/8	1 1/4	2	3 3/4	6 1/2	7 3/4	1 1/2	3 1/2	1/4	3	5.0
4																											
5																											

STANDARD SIGN
R7-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

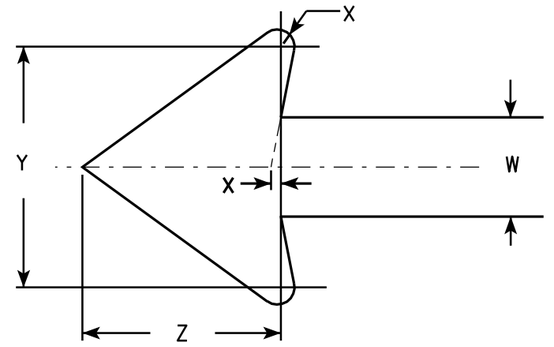
DATE 3/31/2011 PLATE NO. R7-51.6

PROJECT NO:	HWY:	COUNTY:			SHEET NO: 84	E

R7-53

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3 and 4 are series C, line 2 is series B.
6. R7-53D (double arrow)
   R7-53L (left arrow)
   R7-53R (right arrow)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 5/8	1 3/4	1/4	4 1/2	2 3/8	3 7/8	3/4	1/8	1 3/4	1 1/2	1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	3 3/8	1 1/2	5/8	5 3/8	3	5 7/8	1 1/8	1/4	2 5/8	2 1/4	3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
4																											
5																											

STANDARD SIGN
R7-53

WISCONSIN DEPT OF TRANSPORTATION

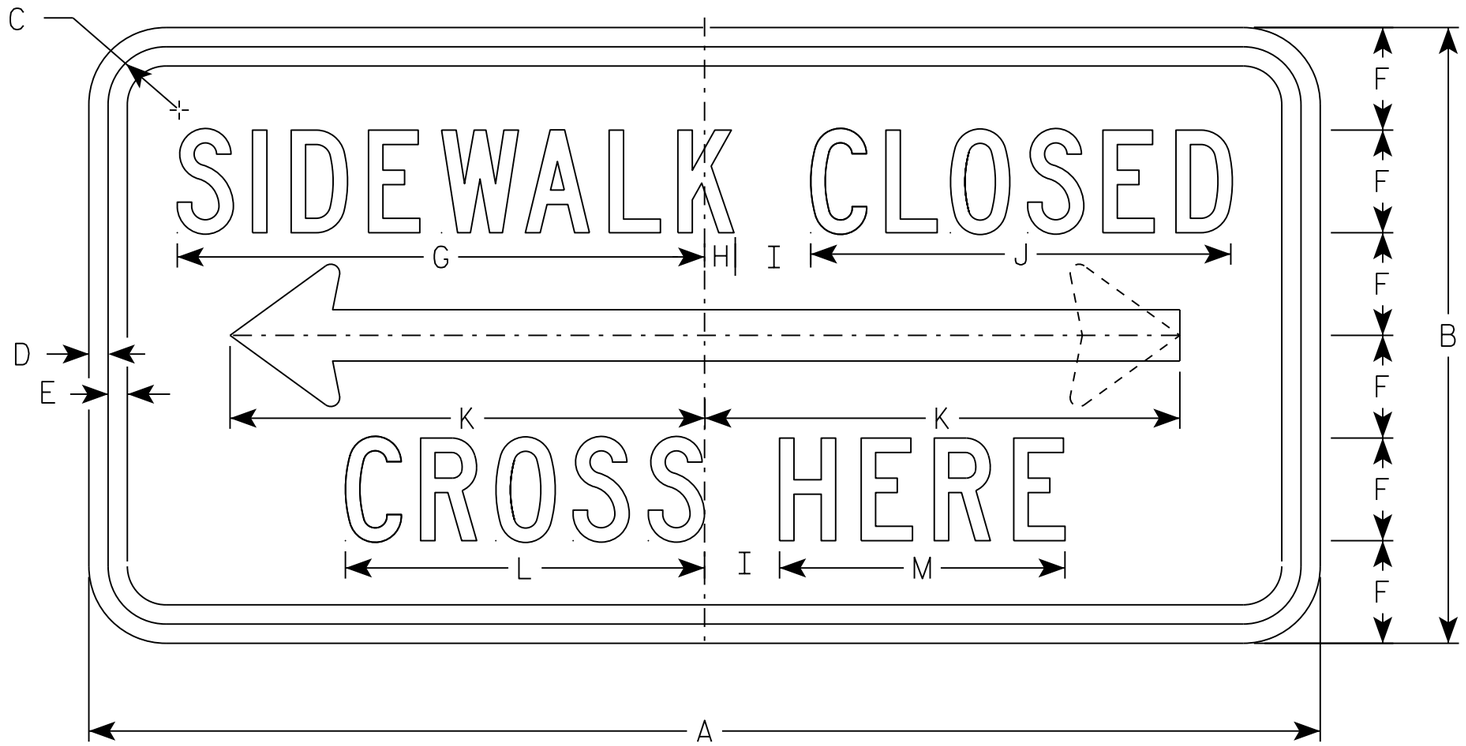
APPROVED Matthew R Rauch
for State Traffic Engineer

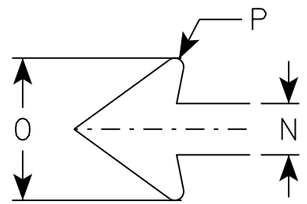
DATE 3/31/2011 PLATE NO. R7-53.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 85	E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for paths and Trails.





R9-11A

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
2M	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
3	30	15	1 1/8	3/8	1/2	2	13	3/4	2	10 1/4	12 3/8	8 7/8	6 7/8	1 1/4	3 5/8	1/4											3.125
4																											
5																											

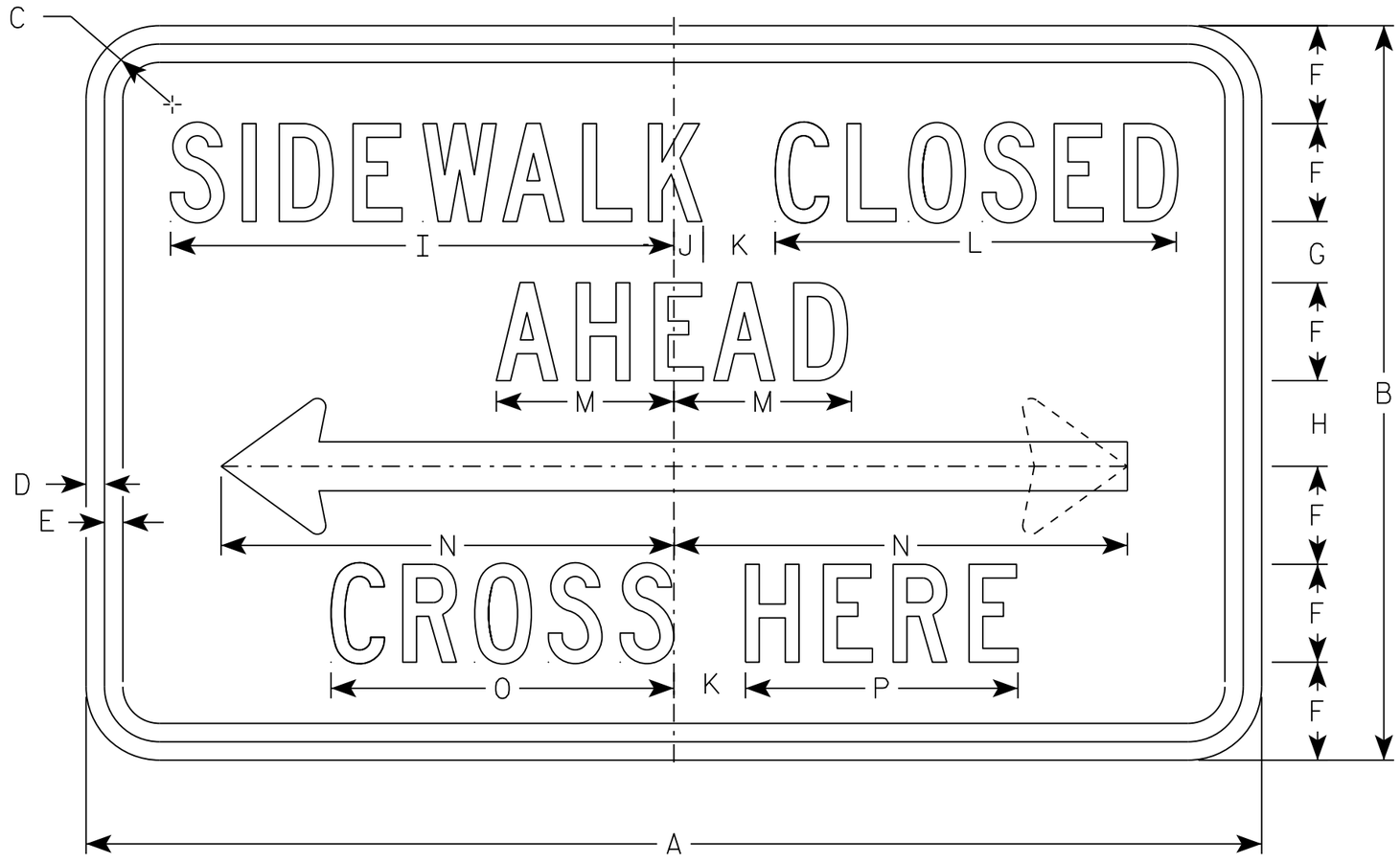
STANDARD SIGN
R9-11A

WISCONSIN DEPT OF TRANSPORTATION

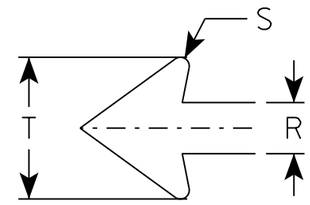
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R9-11A.3

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 86 E



R9-11



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C except Size 1 is Series D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
2M	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
3	30	15	1 1/8	3/8	1/2	2	1 1/2	1 1/2	13	3/4	2	10 1/4	4 5/8	12 3/8	8 7/8	6 7/8		1 1/4	1/4	3 5/8							3.125
4																											
5																											

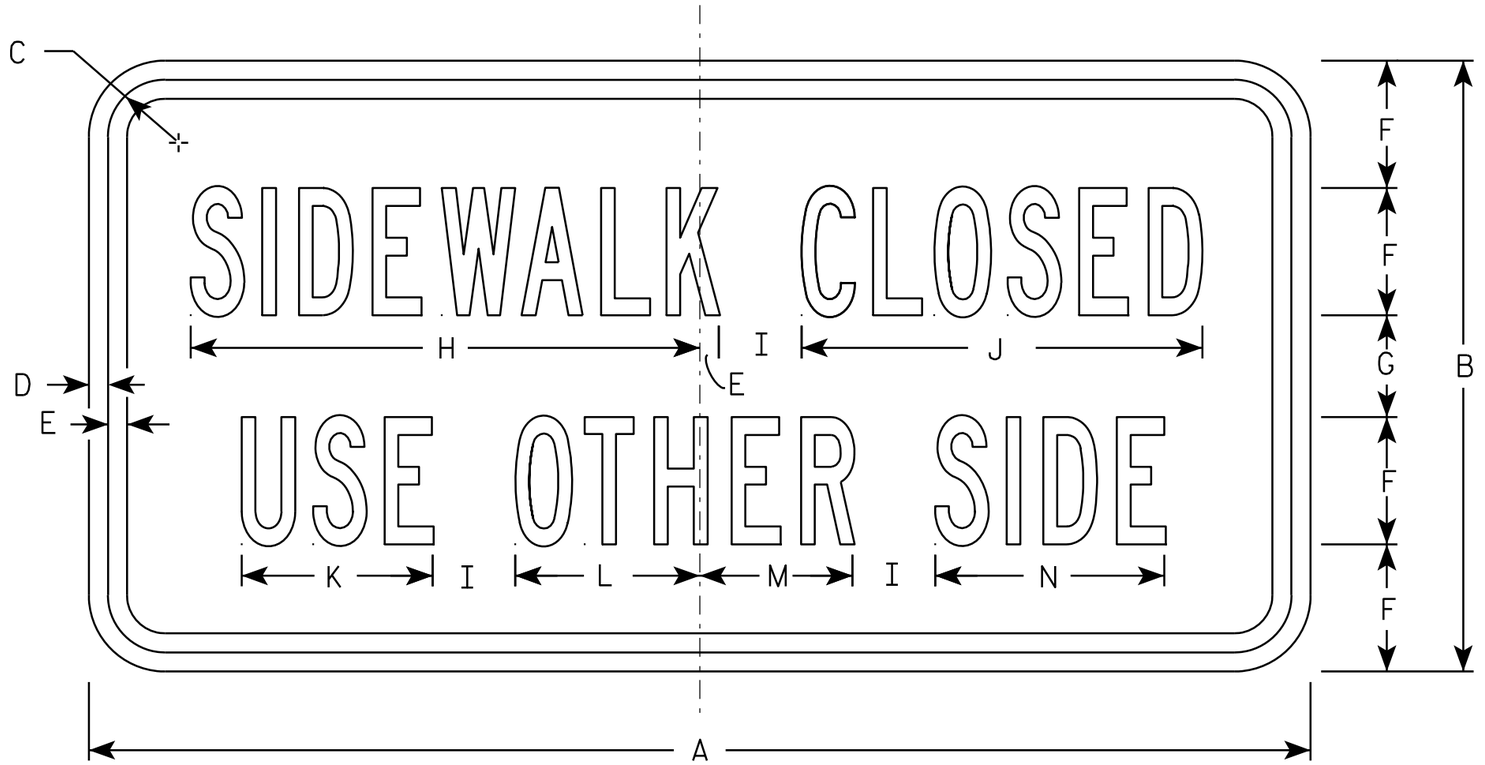
STANDARD SIGN
R9-11

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R9-11.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 87	E



R9-10

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	2 1/2	2	10	1 5/8	7 7/8	3 3/4	3 5/8	3	4 1/2													2.0
2S	48	24	2 3/4	3/4	3/4	5	4	20	3 1/4	15 3/4	7 1/2	7 1/4	6	9													8.0
2M	48	24	2 3/4	3/4	3/4	5	4	20	3 1/4	15 3/4	7 1/2	7 1/4	6	9													8.0
3																											
4																											
5																											

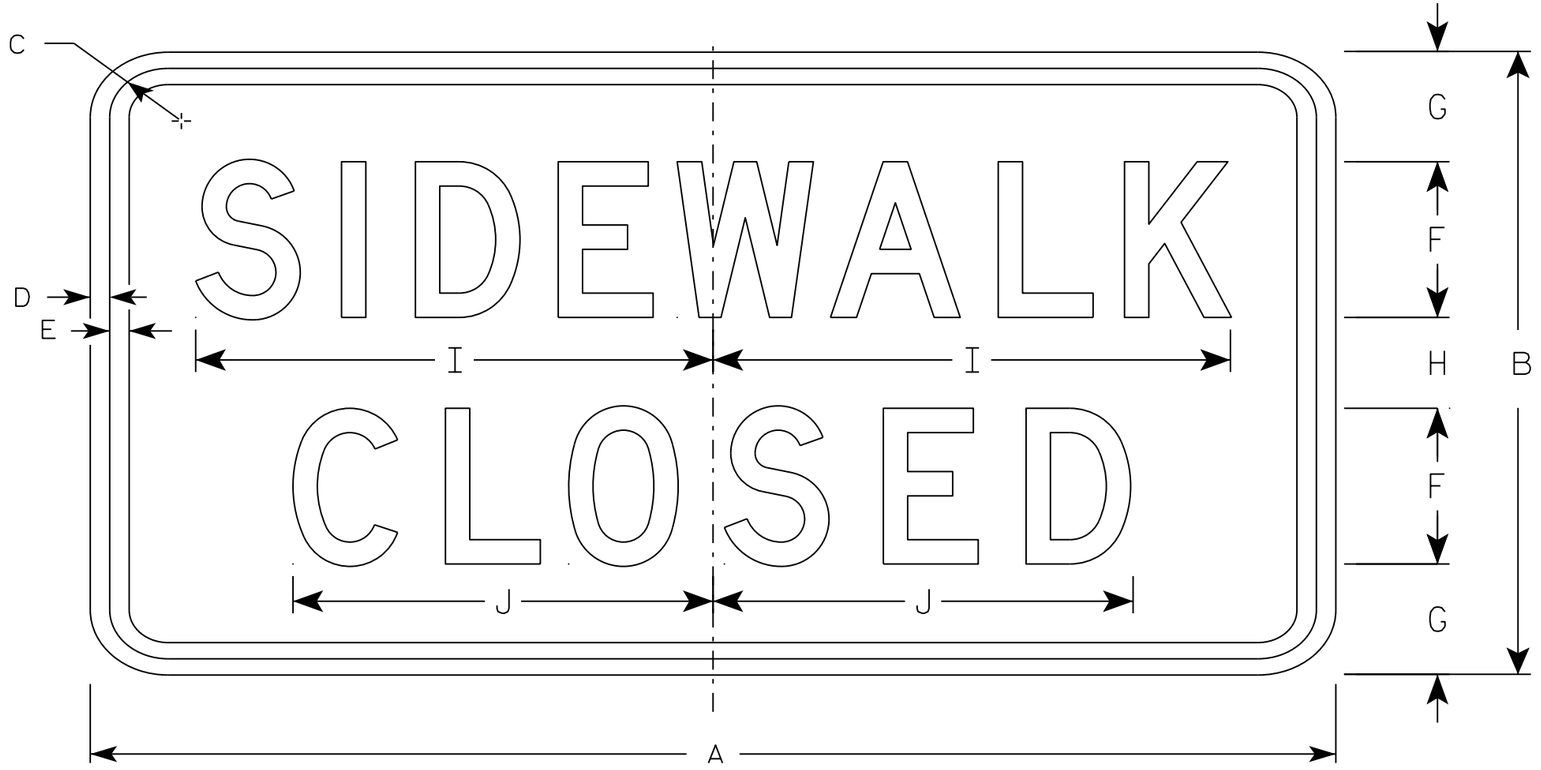
STANDARD SIGN
R9-10

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/2012 PLATE NO. R9-10.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 88	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

STANDARD SIGN
R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/11/16 PLATE 89 R9-9.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.DGN PLOT DATE : 11-AUG-2016 11:33 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 2.918761:1.000000

EARTHWORK

BRAUND ST

STATION	DISTANCE	END AREA CUT (SF)	INCREMENTAL CUT (CY)	CUMULATIVE CUT (CY)
11+46	0	120.4	0	0
12+00	54	97.8	217.3	218
13+00	100	113.3	390.9	609
13+50	50	63.8	164.0	773
14+00	50	62.3	116.7	890
15+00	100	62.3	230.9	1121
16+00	100	62.3	230.9	1352
17+00	100	62.3	230.9	1583
18+00	100	62.3	230.9	1814
19+00	100	62.3	230.9	2045
20+00	100	62.3	230.9	2276
20+86	86	148.8	336.2	2613
Multi-Use Path	---	---	10.0	2623

PH

STATION	DISTANCE	END AREA CUT (SF)	INCREMENTAL CUT (CY)	CUMULATIVE CUT (CY)
101+78	0	53.8	0.0	0
102+00	22	53.8	43.9	44
103+00	100	53.8	199.4	244
104+00	100	53.8	199.4	444
105+00	100	53.8	199.4	644
106+00	100	53.8	199.4	844
107+00	100	53.8	199.4	1044
108+00	100	53.8	199.4	1244
109+00	100	53.8	199.4	1444
110+00	100	53.8	199.4	1644
111+00	100	53.8	199.4	1844
112+00	100	53.8	199.4	2044
EBS*	300	38.0	422.2	2467

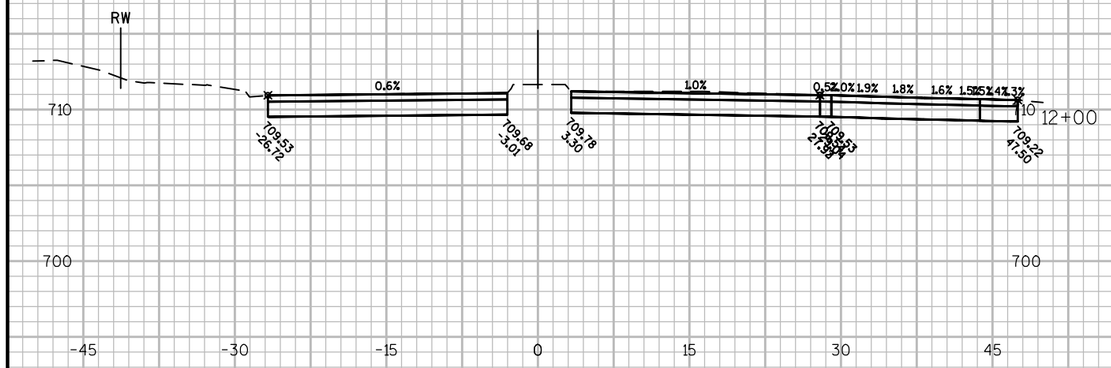
*EBS Estimated from STA 108+50 to 111+50.

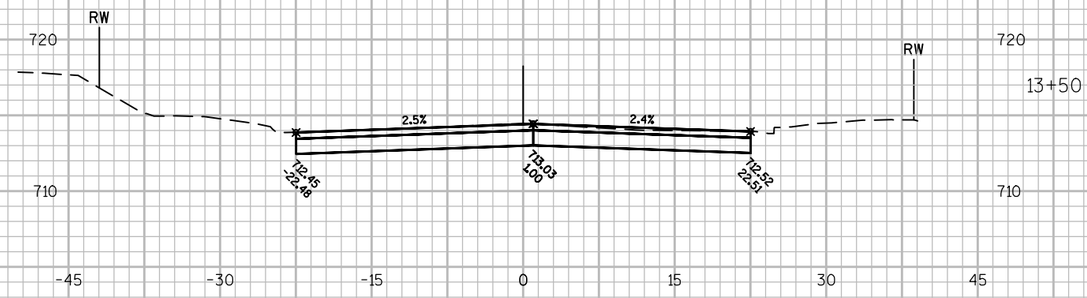
Total 5090

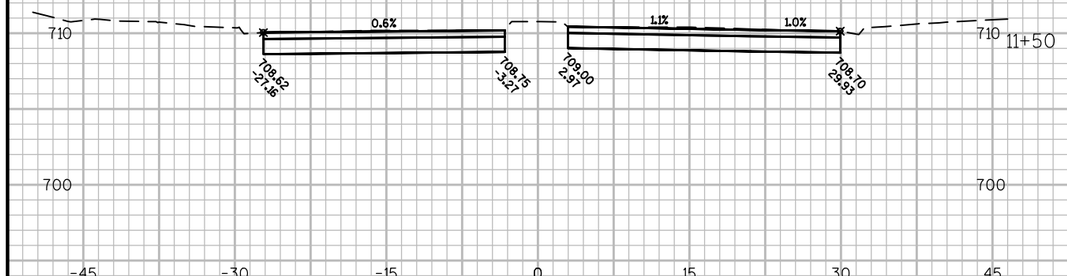
9

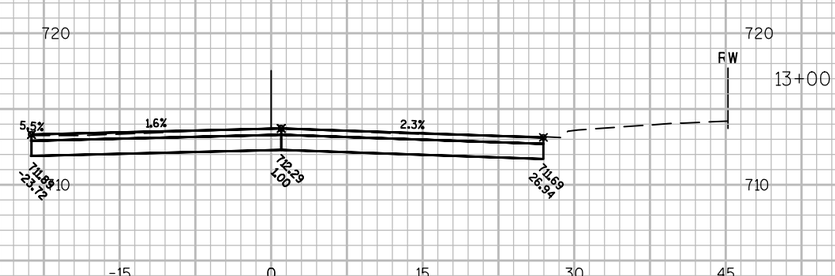
9

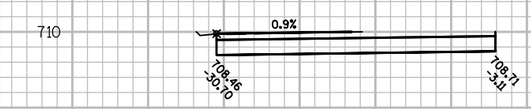
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\BRAUND\090101-EW-BRAUNDPH.DWG
LAYOUT NAME - 090101-ew
PLOT DATE : 7/21/2017 10:41 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:10 FT HORZ. / 1 IN:10 FT VERT.
WISDOT/CADDS SHEET 49

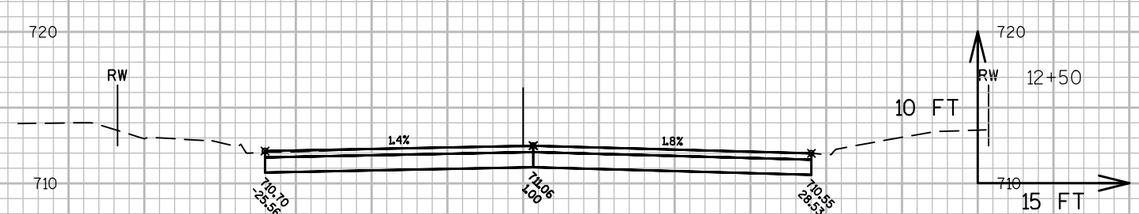








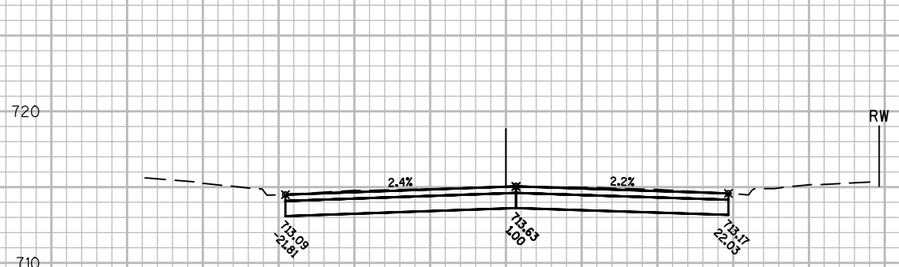


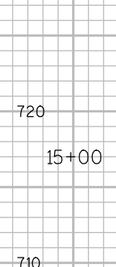


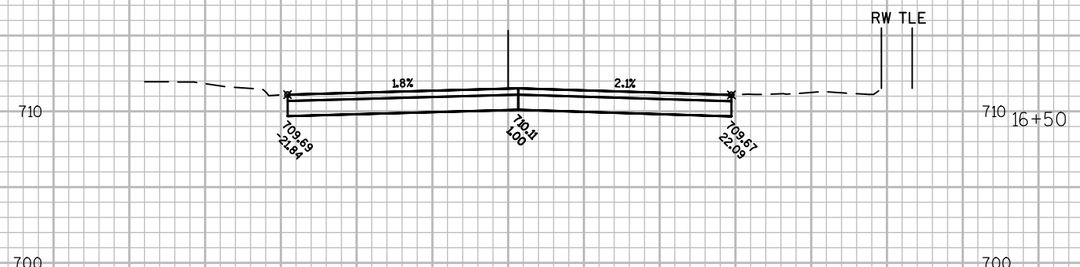
9

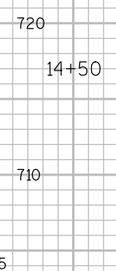
9

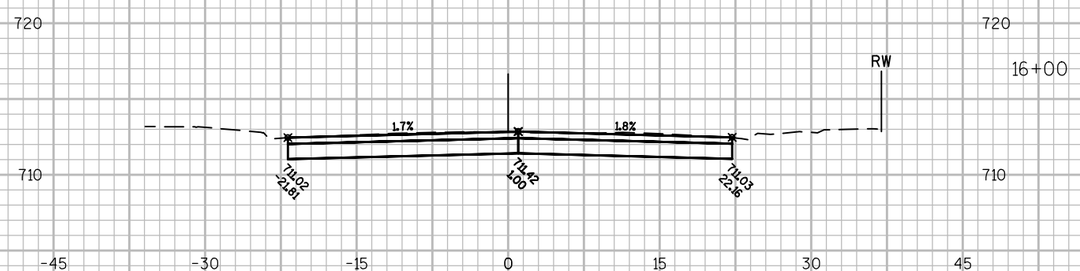
PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	CROSS SECTIONS: BRAUND STREET	SHEET 91	E

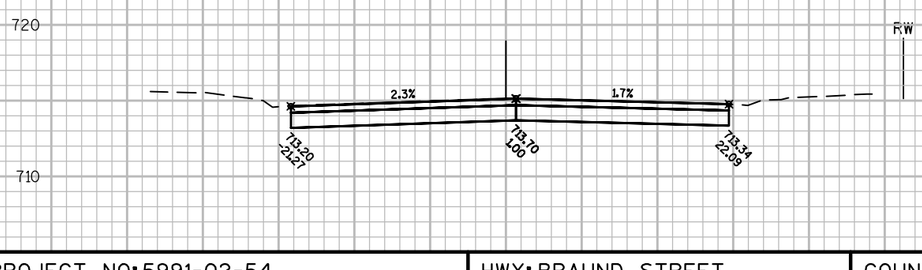


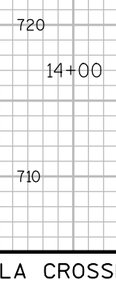












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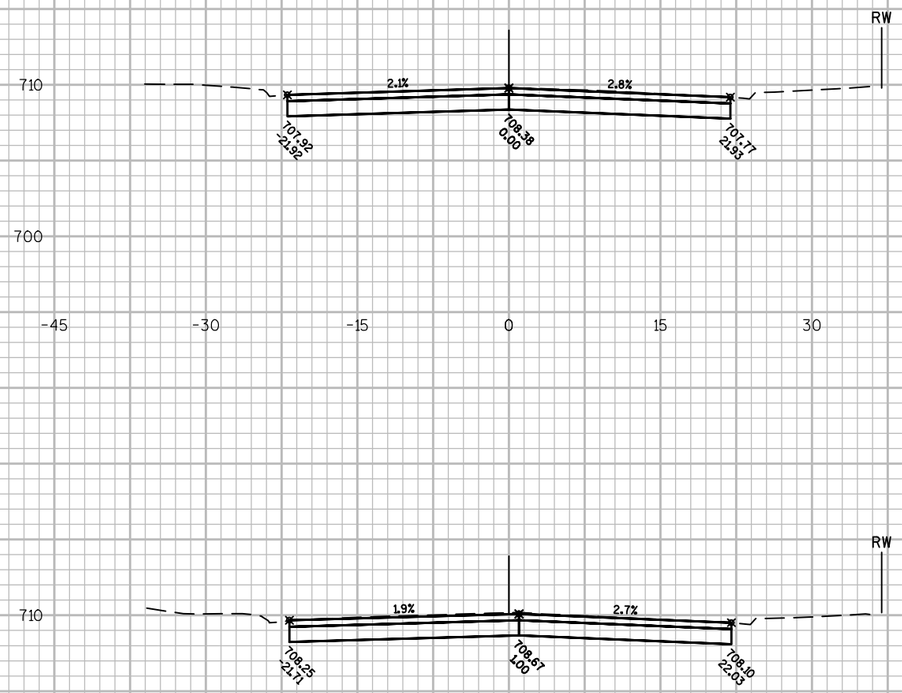
9

PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	CROSS SECTIONS: BRAUND STREET	SHEET 92	E



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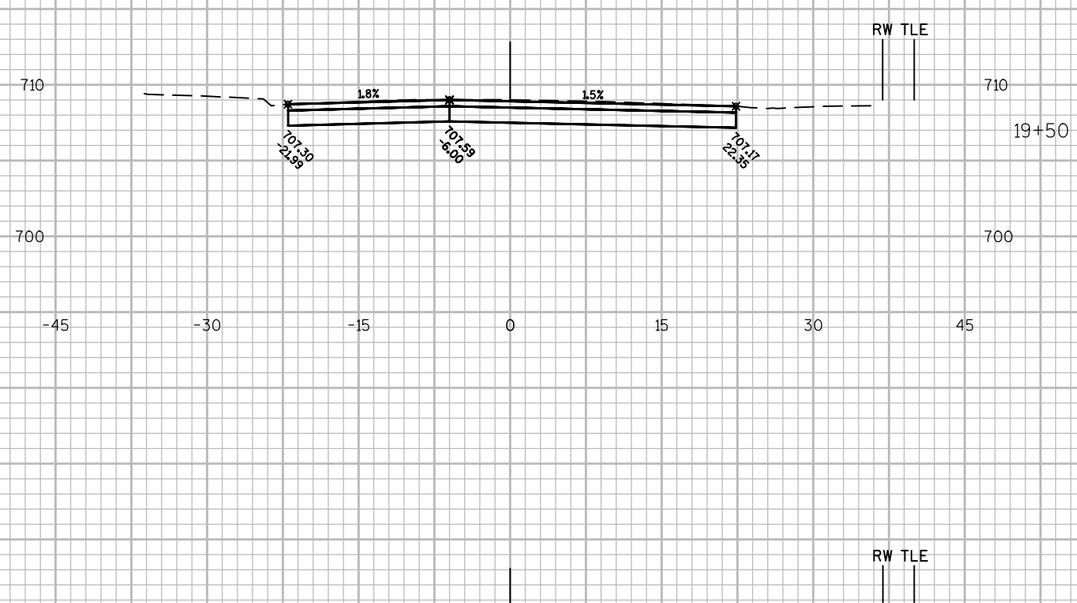
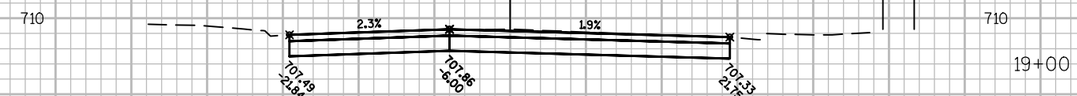
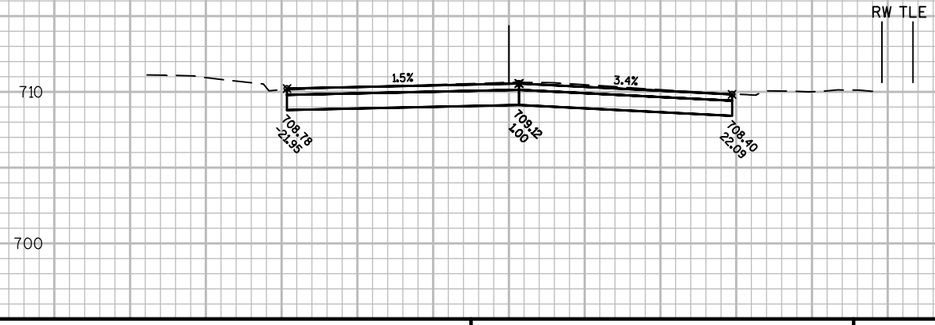


19+50

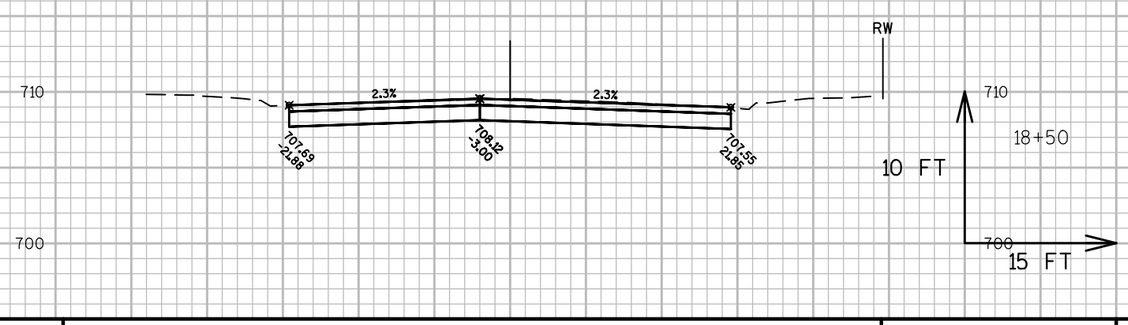
17+50



19+00



17+00



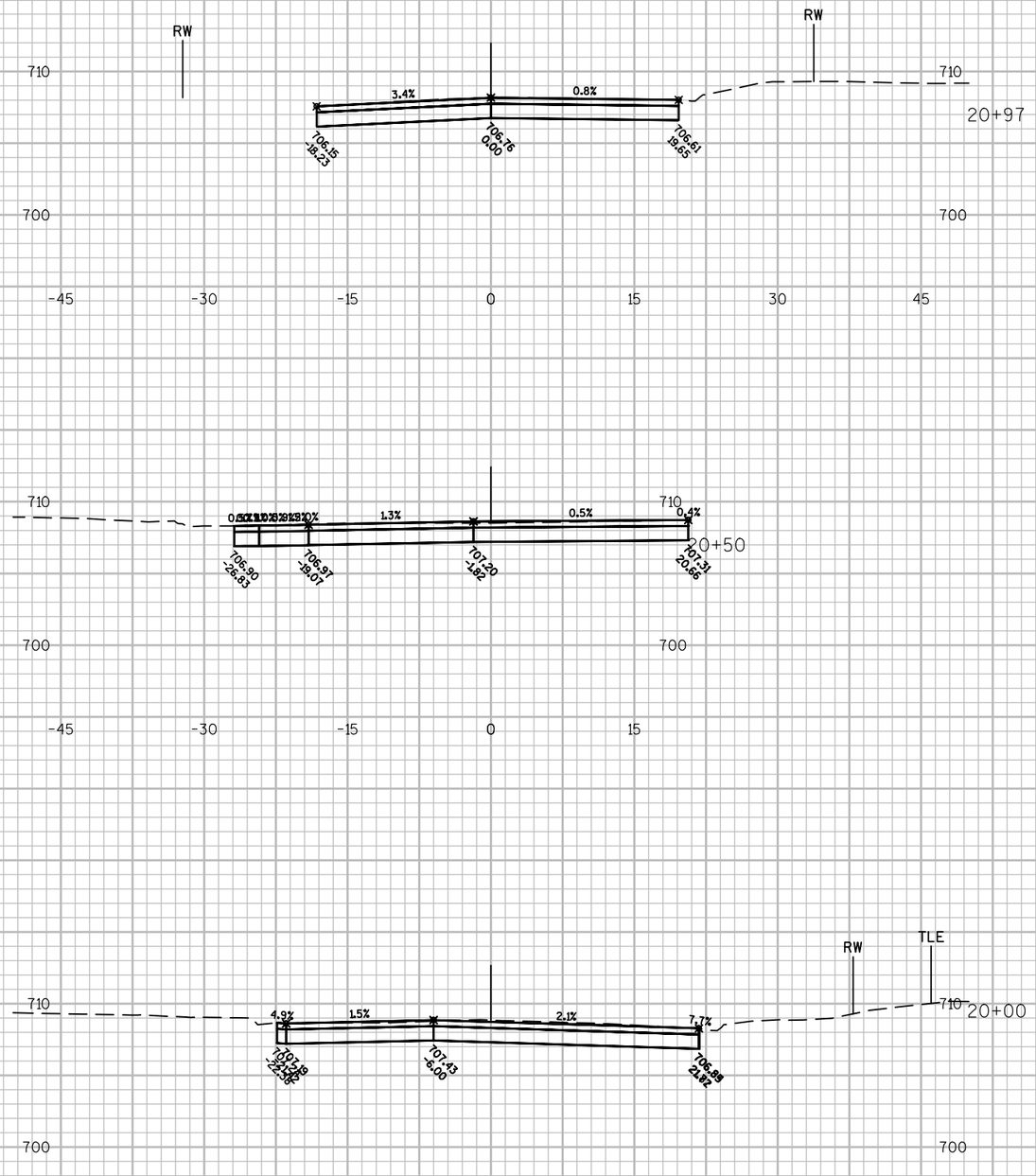
18+50

9

9

PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	CROSS SECTIONS: BRAUND STREET	SHEET 93	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\090201-XS-BRAUND.DWG
LAYOUT NAME - 090201-XS-BRAUND - 0902 - (3)
PLOT DATE : 1/3/2017 3:45 PM
PLOT BY : TOREY LEONARD
PLOT NAME :
PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49



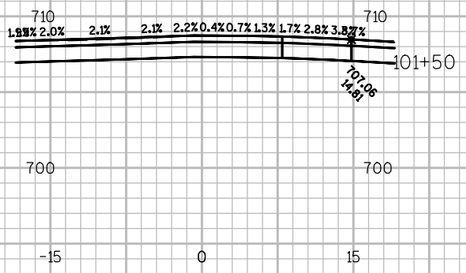
9

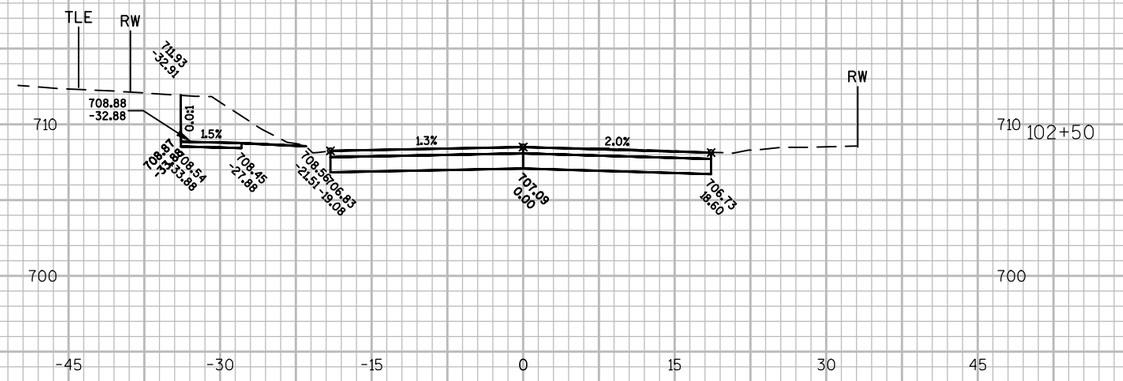
9

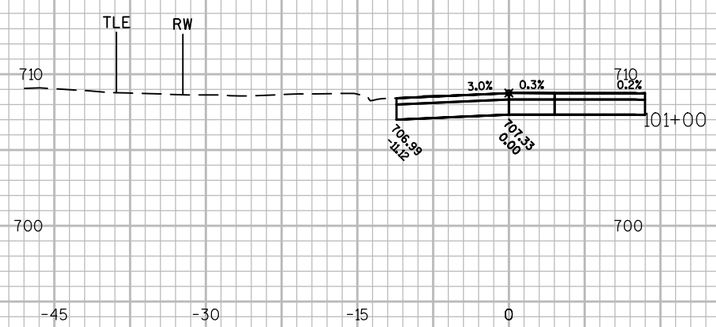
PROJECT NO: 5991-02-54	HWY: BRAUND STREET	COUNTY: LA CROSSE	CROSS SECTIONS: BRAUND ST	SHEET 94	E

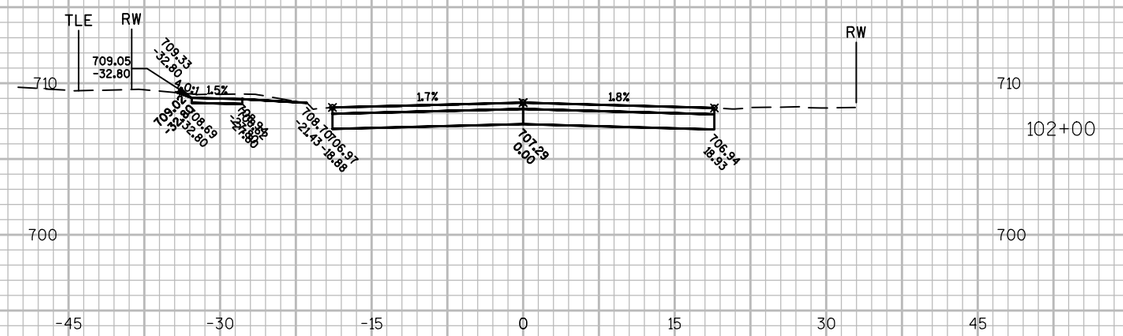
FILE NAME : \\SEHLX1\PROJECTS\K0\0\0NALA\133149\C3D\SHEETSPLAN\BRAUND\090201-XS-BRAUND.DWG
LAYOUT NAME - 090201-XS-BRAUND - 0902 - (4)

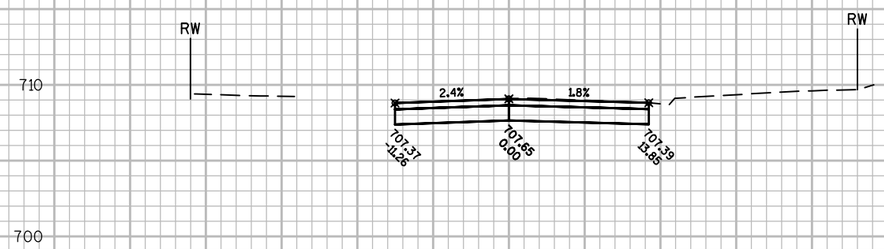
PLOT DATE : 1/3/2017 3:46 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

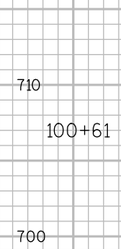








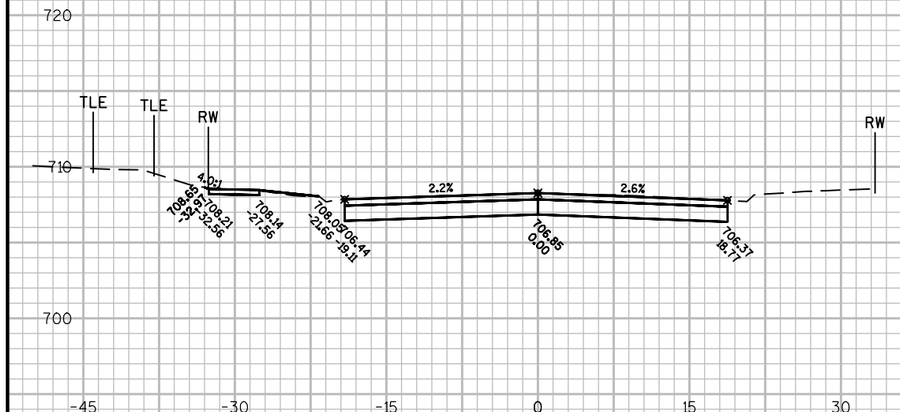


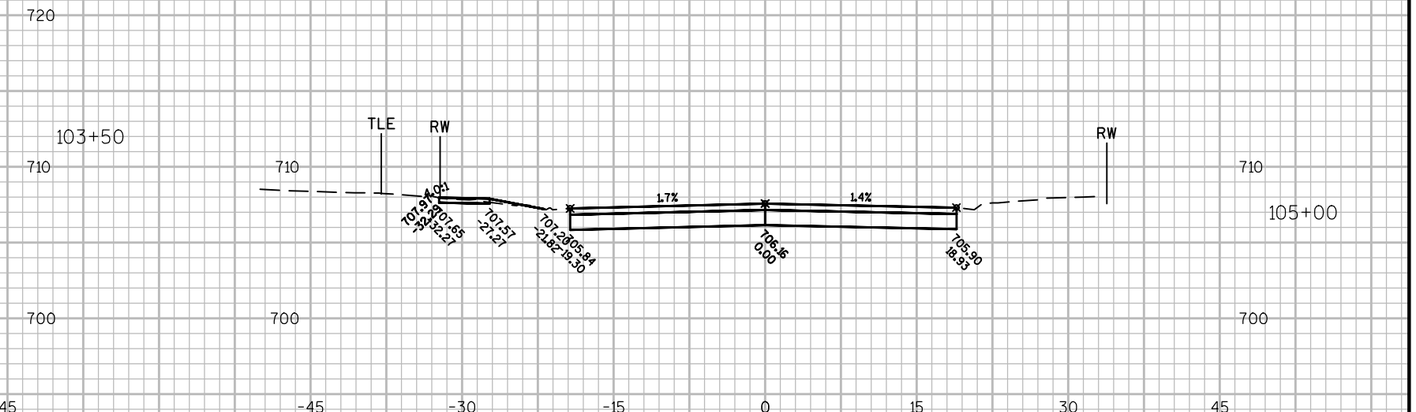


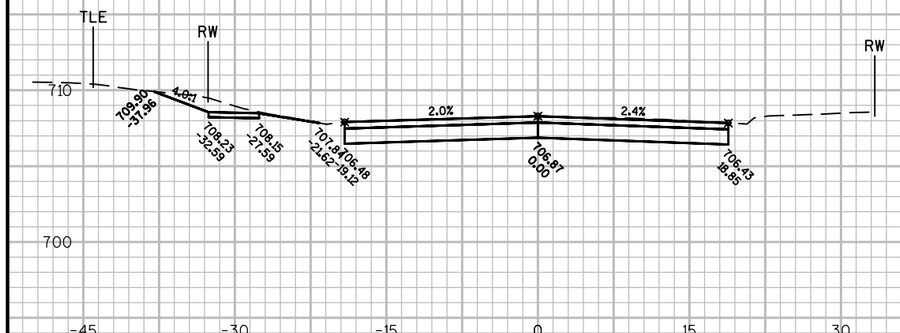
9

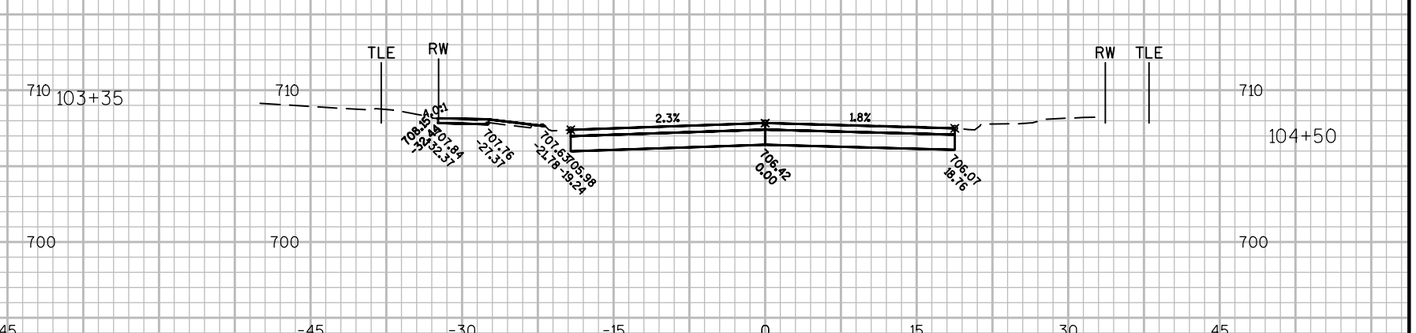
9

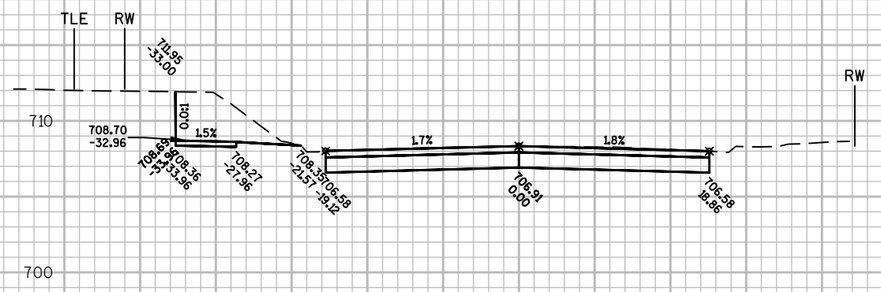
PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	CROSS SECTIONS: PH	SHEET 95	E

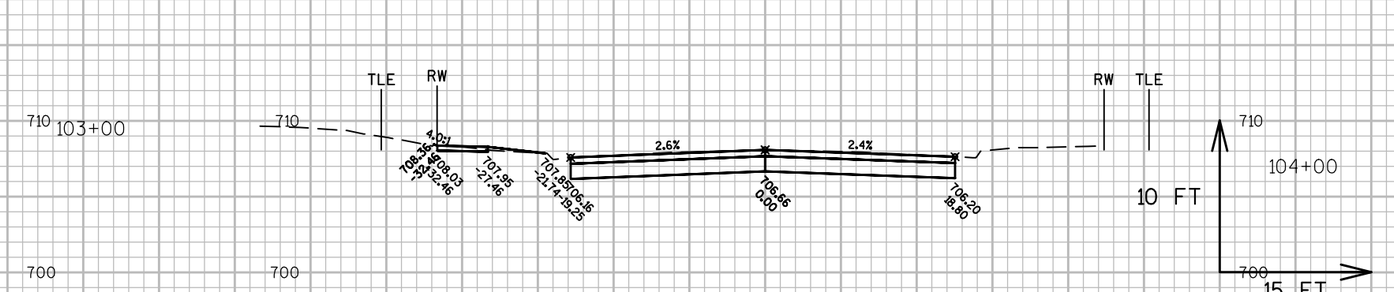








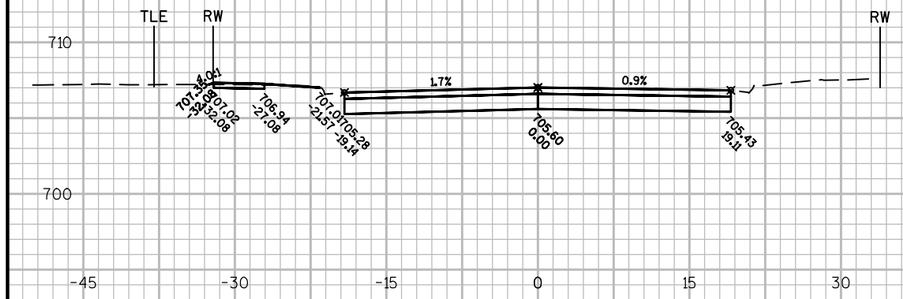




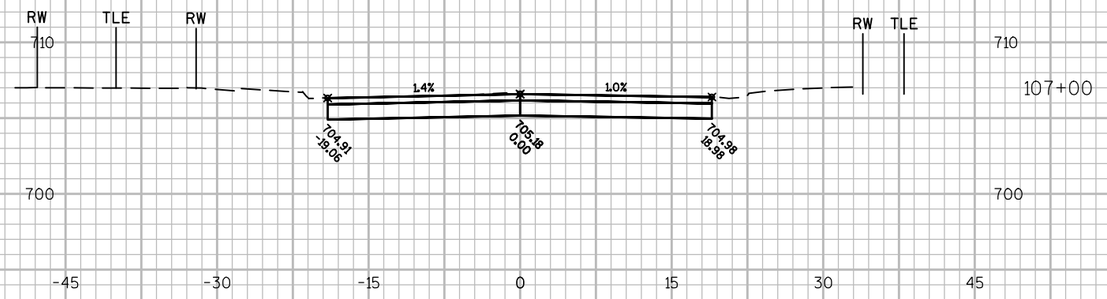
9

9

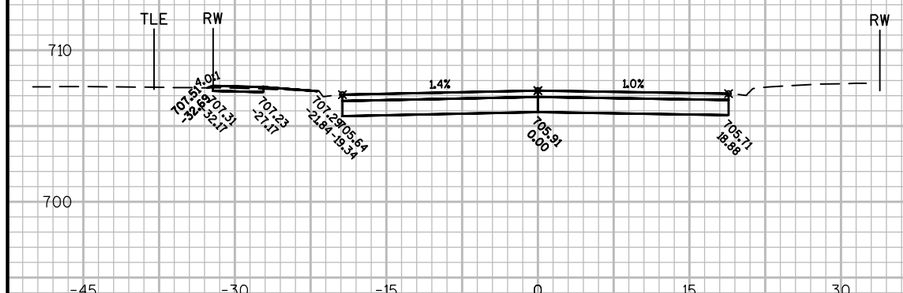
PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	CROSS SECTIONS: PH	SHEET 96	E



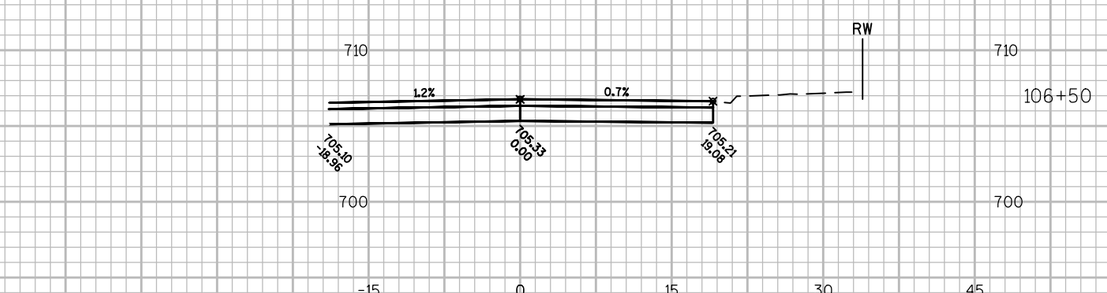
106+00



107+00



105+50



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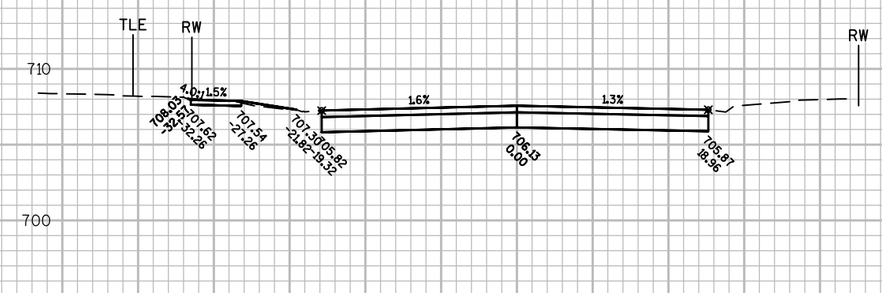

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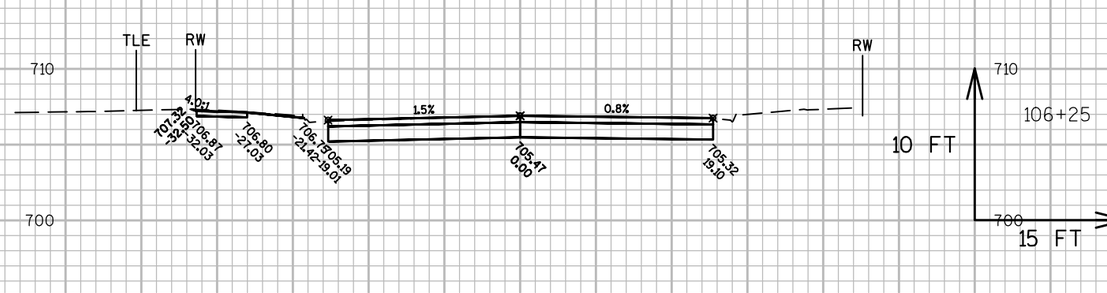

106+25

9

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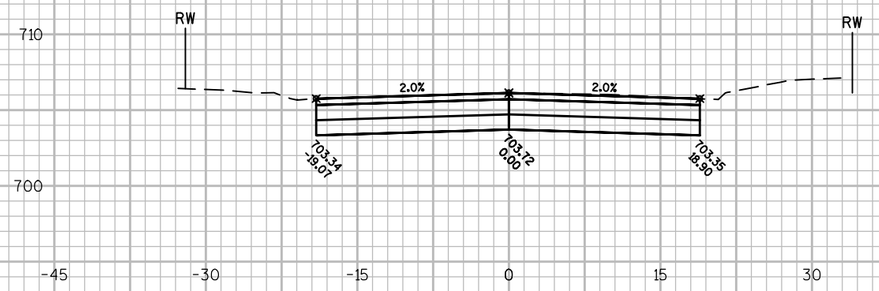
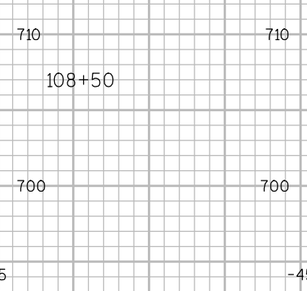
PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	CROSS SECTIONS: PH	SHEET 97	E

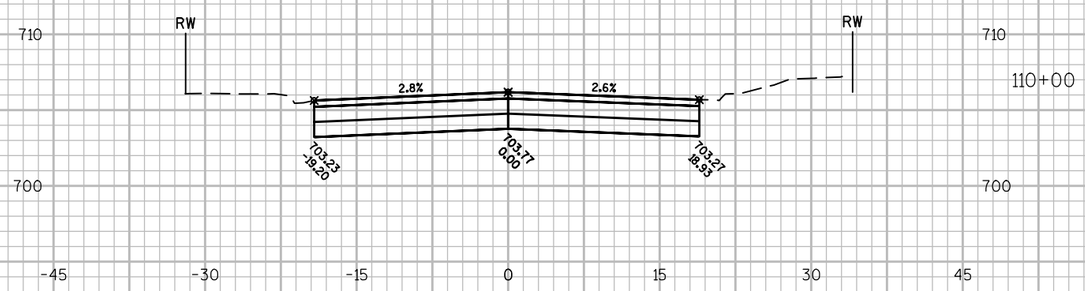
FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\090201-XS-PH.DWG
LAYOUT NAME - 090201-XS-PH - PH - (3)

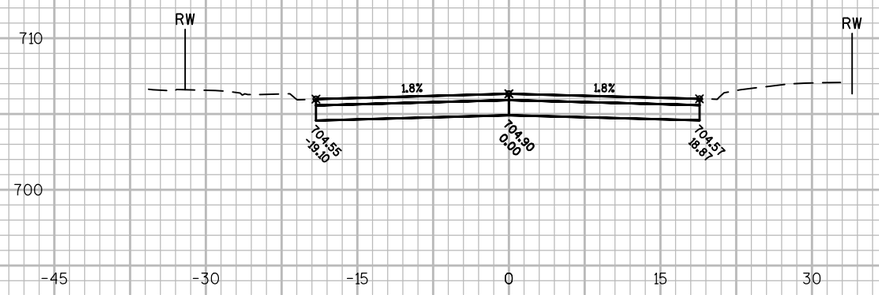
PLOT DATE : 7/19/2017 4:45 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

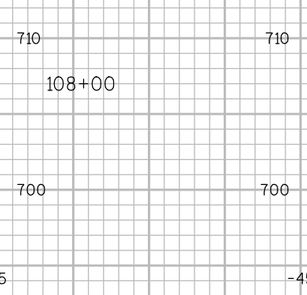
WISDOT/CADDS SHEET 49

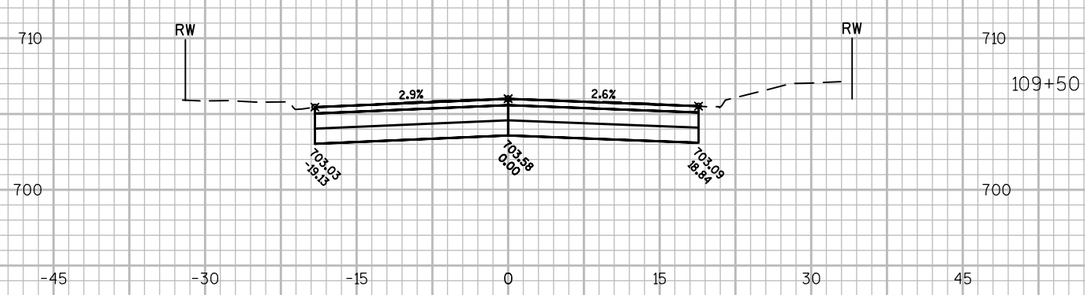


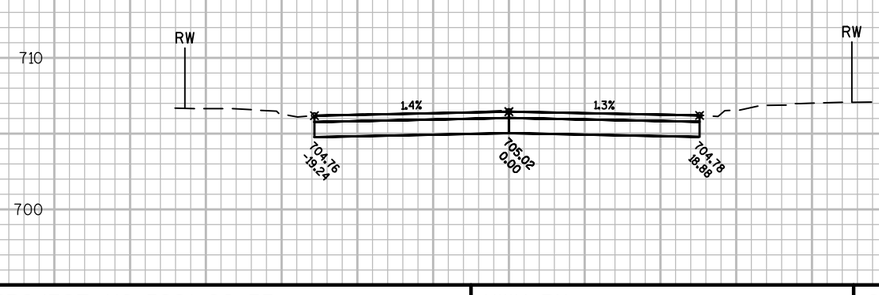


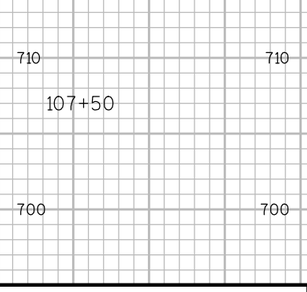


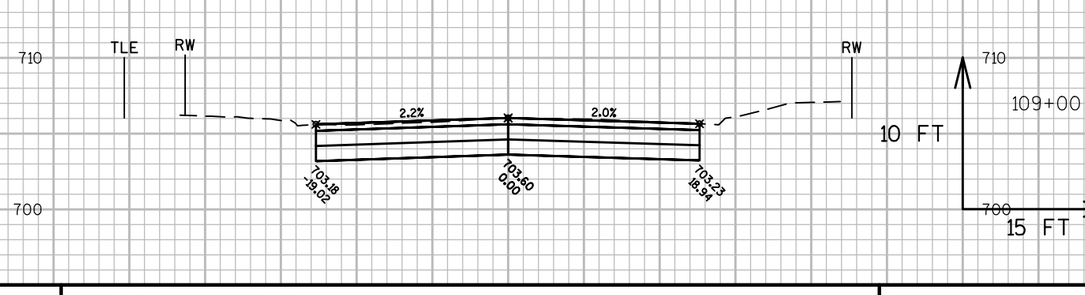












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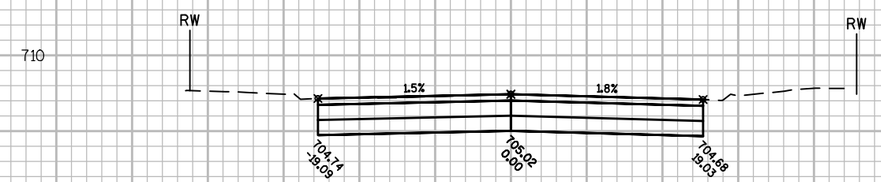
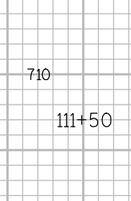
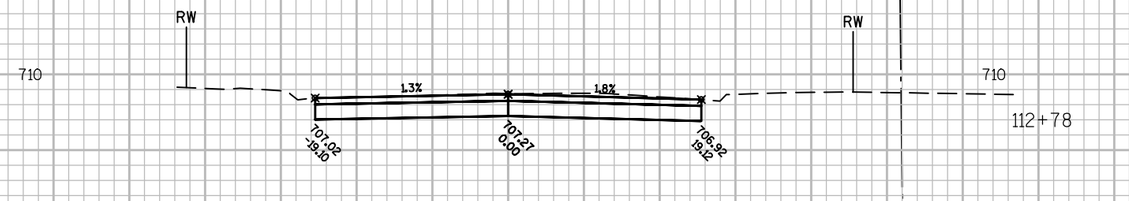
PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	CROSS SECTIONS: PH	SHEET 98	E

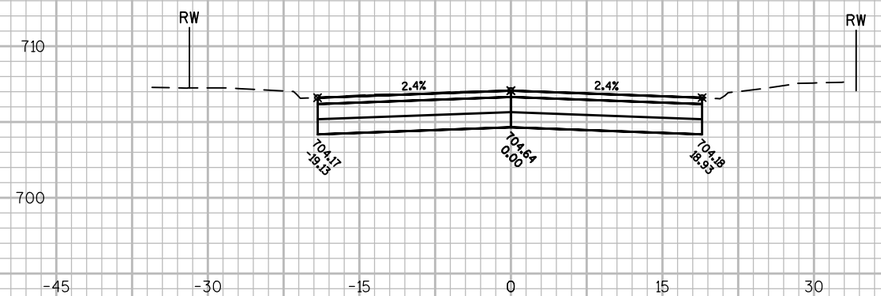
FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\090201-XS-PH.DWG
LAYOUT NAME - 090201-XS-PH - PH - (4)

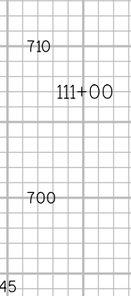
PLOT DATE : 7/19/2017 4:45 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

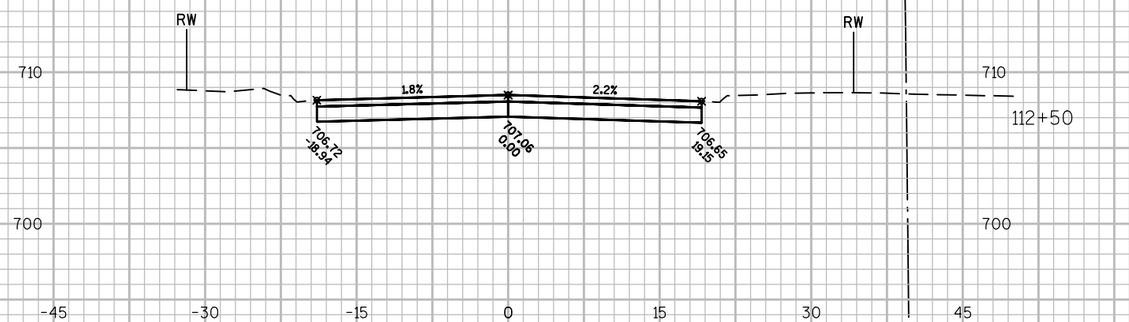


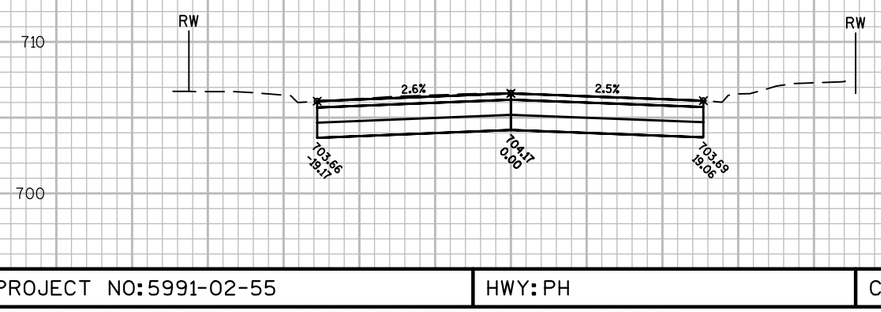


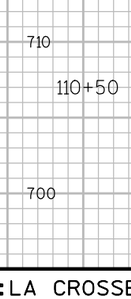


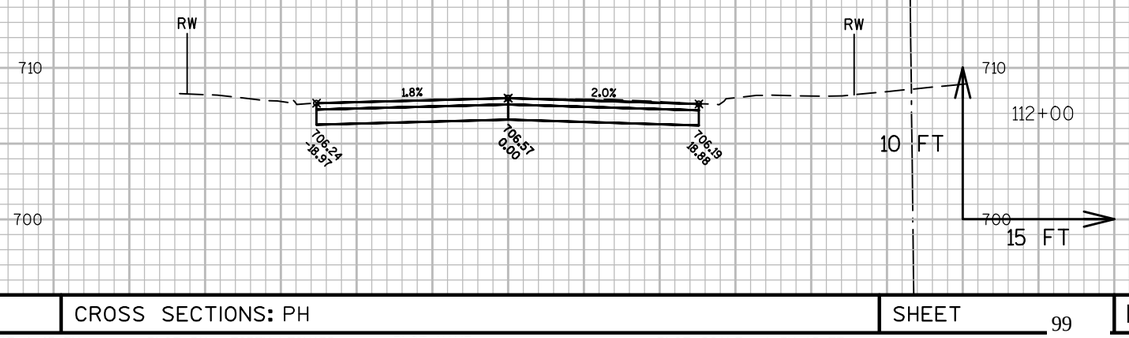












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9

PROJECT NO: 5991-02-55	HWY: PH	COUNTY: LA CROSSE	CROSS SECTIONS: PH	SHEET 99	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\BRAUND\090201-XS-PH.DWG
LAYOUT NAME - 090201-XS-PH - PH - (5)

PLOT DATE : 7/19/2017 4:45 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov

LAX

JANUARY 2018

PROJECT ID: 5991-02-57

WITH: 5991-02-54, 5991-02-55

COUNTY: LA CROSSE

ORDER OF SHEETS

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

TOTAL SHEETS = 132

09

N

DESIGN DESIGNATION

		WEST*	EAST*
A.A.D.T. (2018)	=	2100	6000
A.A.D.T. (2038)	=	2500	6700
D.H.V.	=	405	915
D.D.	=	59/41	59/41
T.	=	2.8%	2.8%
DESIGN SPEED	=	30 MPH	30 MPH
ESALS	=	167,900	481,800

*DIVIDING LINE IS EAST AVENUE

CONVENTIONAL SYMBOLS

PLAN

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

PROFILE

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

UTILITIES

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

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

CITY OF ONALASKA, RIDERS CLUB ROAD

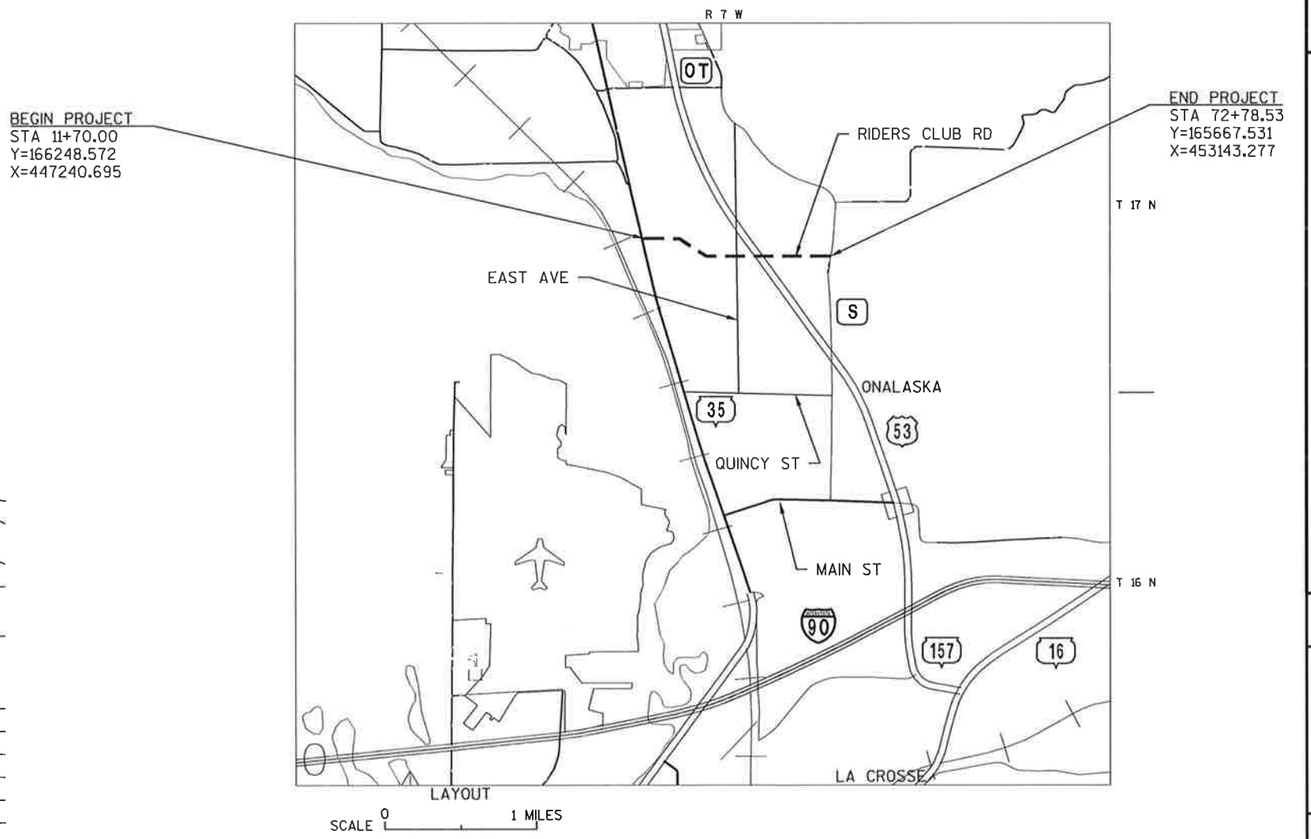
STH 35 TO SAND LAKE ROAD/CTH S

LOCAL STREET

LA CROSSE COUNTY

STATE PROJECT NUMBER
5991-02-57

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
5991-02-57	WISC 2018044	1



TOTAL NET LENGTH OF CENTERLINE = 1.157 MI

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

ACCEPTED FOR
CITY OF ONALASKA

7-17-17 (DATE) C. Jon Eaton (CITY ENGINEER)

ORIGINAL PLANS PREPARED BY

SEH

WISCONSIN
JEREMY J TOMESH
E-398986
LA CROSSE
WI
PROFESSIONAL ENGINEER

7/14/2017 (Date) Jeremy J. Tomesh (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor: SEH

Designer: SEH

Management Consultant: KL Engineering

APPROVED FOR THE DEPARTMENT

DATE: 7/31/17

Jeff Melville
Management Consultant Signature

E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\010101 TI.DWG
LAYOUT NAME - 010101 TI - TITLE SHEET 1 IN EQ 2 MI

PLOT DATE : 12/16/2016 8:03 AM

PLOT BY : TOREY LEONARD

PLOT NAME :

GENERAL NOTES

1. NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.
2. 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.
3. CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED TO A 4-INCH TYPICAL DEPTH.
4. TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
5. THE EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
6. ASPHALTIC AND CONCRETE SURFACES SHALL BE SAWCUT AT THE MATCH LINE AS SHOWN ON THE PLAN OR AS DIRECTED BY THE ENGINEER.
7. DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND MULCHED.
8. STATIONING, DISTANCES AND OFFSETS FOR SIGNS SHOWN ON THE PLANS ARE APPROXIMATE AND THE FINAL LOCATIONS OF SIGNS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER.
9. A CONVERSION FACTOR OF 2.0 TONS/CY IS USED TO ESTIMATE QUANTITIES FOR BASE AGGREGATE DENSE 1 1/4-INCH.
10. A CONVERSION FACTOR OF 112 LBS/IN/SY IS USED TO ESTIMATE QUANTITIES FOR HMA PAVEMENT.
11. MAINTAIN EXISTING GUTTER FLOW AS INDICATED BY THE GRADES AND FLOW ARROWS SHOWN ON THE DRAWINGS. ADJUST BACK OF CURB AND FLAG OF CURB GRADES SO THAT THE CURB & GUTTER GRADES DO NOT EXCEED THE GRADES SHOWN ON THE TYPICAL RAMP SECTION.
12. CURB TAPERS AT RAMPS ARE 2 FEET LONG UNLESS OTHERWISE NOTED.
13. MAXIMUM SLOPES AT BACK OF SIDEWALK ARE 10:1 OR FLATTER UNLESS OTHERWISE NOTED.
14. CURB TAPERS AT RAMPS ARE 2 FEET LONG UNLESS OTHERWISE NOTED.
15. CONSTRUCTION OF TEMPORARY ACCESS POINTS TO RESIDENCES AND BUSINESS IS INCIDENTAL TO THE PROJECT.
16. INLET PROTECTION TYPE C IS UTILIZED THROUGHOUT THE PROJECT. SEE MISCELLANEOUS QUANTITY TABLE FOR LOCATIONS.
18. CONTRACTOR TO KEEP ALL ROADWAYS OUTSIDE OF PROJECT LIMITS CLEAN AND FREE OF DEBRIS.

ORDER OF SHEETS-SECTION 2

GENERAL NOTES
TYPICAL SECTIONS
INTERSECTION DETAILS
SIGNING AND PAVEMENT MARKING
CONSTRUCTION STAGING

UTILITY CONTACT LIST

Dairyland Power

Jane Eggen
P.O. Box 817
La Crosse, WI 54602
608.788.4000
jane.eggen@dairylandpower.com

Charter Communications

Perry McClellan
1228 12th Ave S
Onalaska, WI 54650
715.370.7140
Perry.McClellan@chartercom.com

CenturyLink

Brian Stelplugh
333 N Front St
La Crosse, WI 54601
608.796.5543 / 608.796.5142(cell)
brian.stelplugh@centurylink.com

Xcel Energy (Electricity)

Scott Roberts
3215 Commerce Street
La Crosse, WI 54603
608.789.3625
Scott.w.roberts@xcelenergy.com

Xcel Energy (Gas)

Ed Przytarski
3215 Commerce Street
La Crosse, WI 54603
608.789.3631

Riverland Energy

Tim Holtan
N29988 State Road 93
Arcadia, WI 54612
608.797.0102 (cell)
608.323.3381 (office)
tholtan@riverlandenergy.com

DNR Liaison Contact

Karen Kalvelage
DNR Service Center
3550 Mormon Coulee Road
La Crosse, WI 54601
608.785.9115
karen.kalvelage@wisconsin.gov

City of Onalaska

Jarrod Holter, PE
City Engineer
608.781.9537
jholter@cityofonalaska.com

CONSULTANT DESIGN

JEREMY TOMESH
SEH INC.
312 SOUTH 3RD STREET
LA CROSSE, WI 54601
PHONE: (608) 498-4947
EMAIL: JTOMESH@SEHINC.COM

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

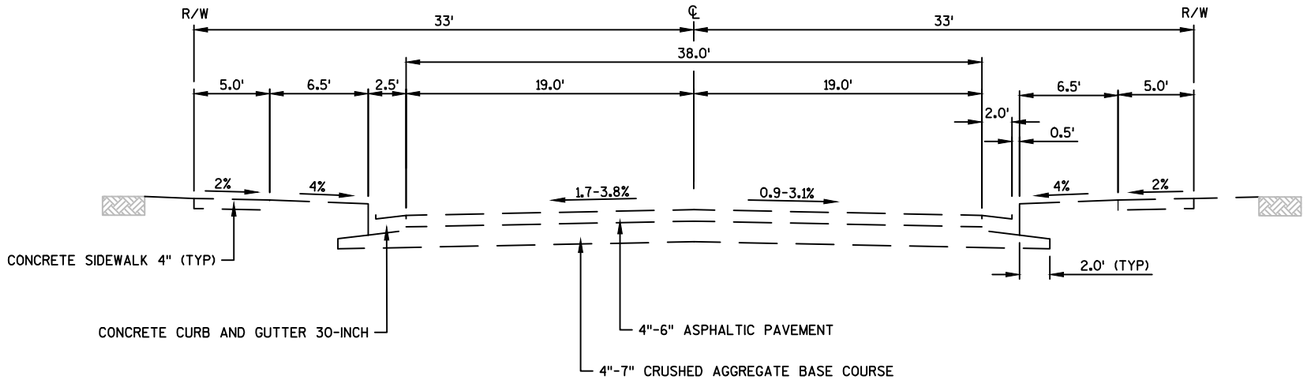
DIGGERS HOTLINE

Dial 811 or (800)242-8511

www.DiggersHotline.com

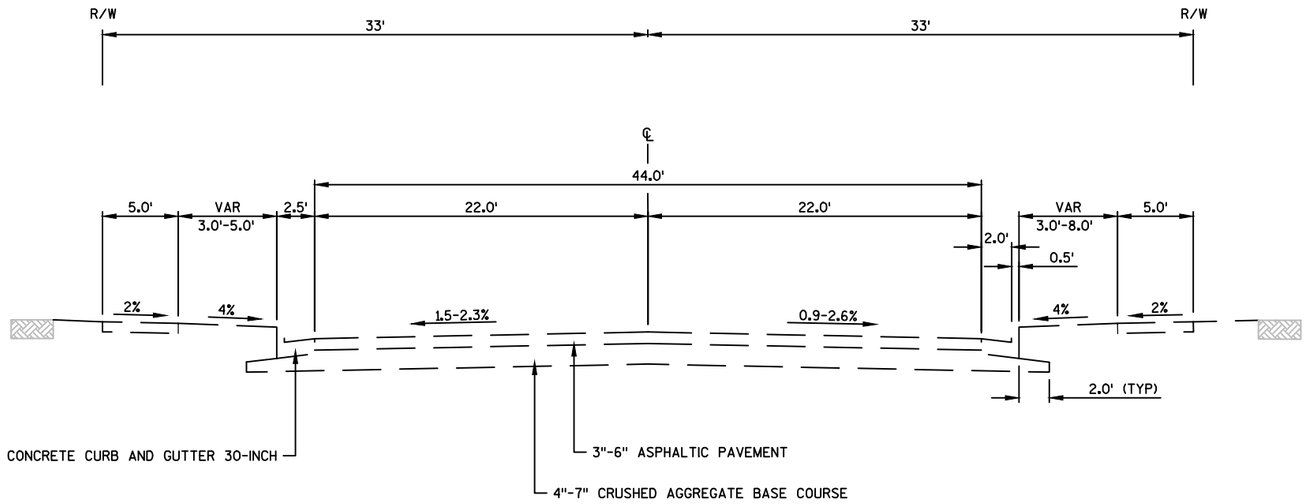
**DENOTES UTILITIES THAT ARE NOT DIGGERS HOTLINE MEMBERS

2



TYPICAL EXISTING SECTION

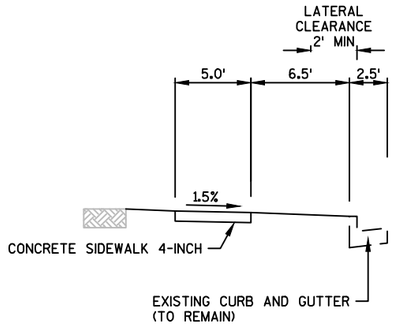
RIDERS CLUB ROAD
STA 11+70.00 TO STA 56+97.76



TYPICAL EXISTING SECTION

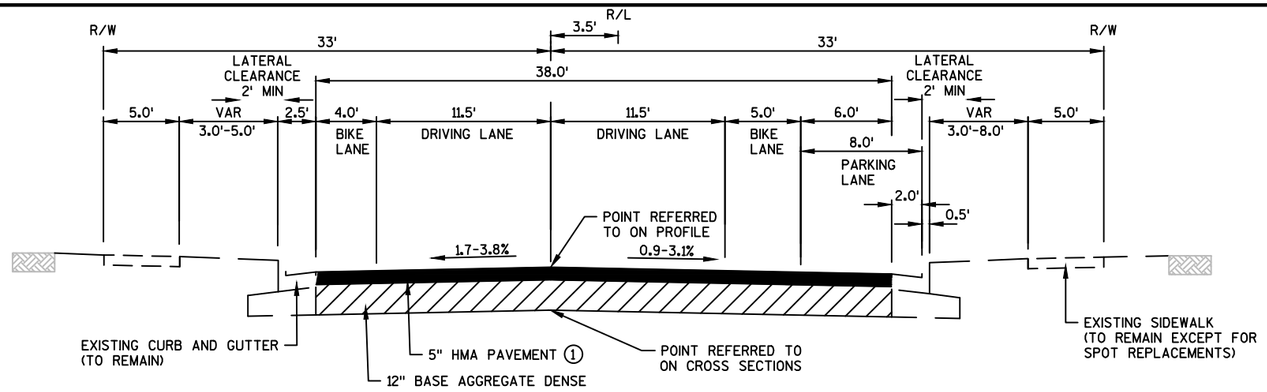
RIDERS CLUB ROAD
STA 56+97.76 TO STA 72+78.53

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	TYPICAL SECTIONS	SHEET 3	E



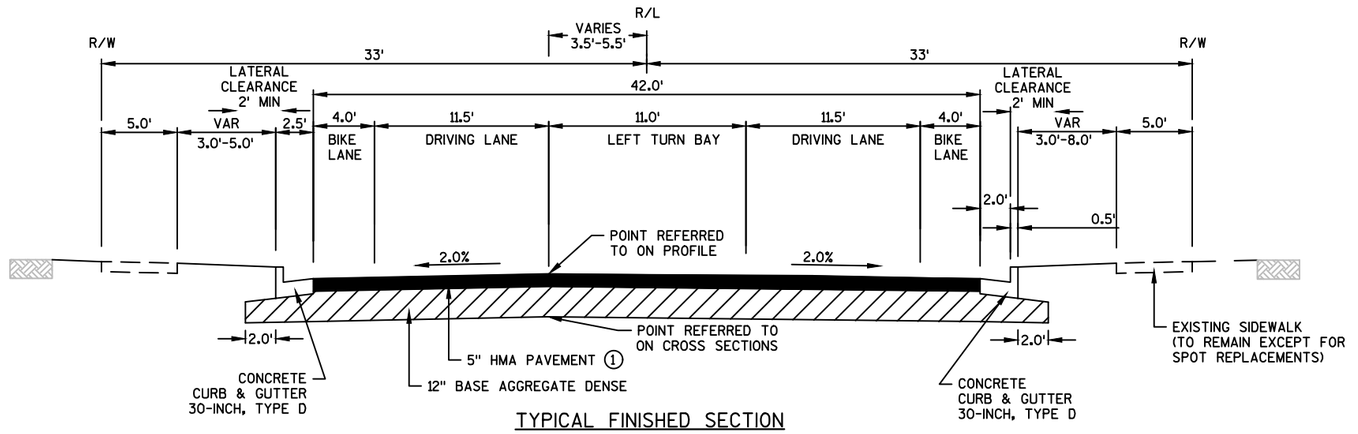
TYPICAL FINISHED PARTIAL SECTION

NEW SIDEWALK INSTALLATION



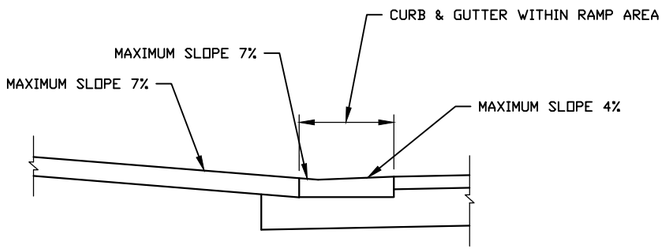
TYPICAL FINISHED SECTION

RIDERS CLUB ROAD
STA 11+70.00 TO STA 54+00.00

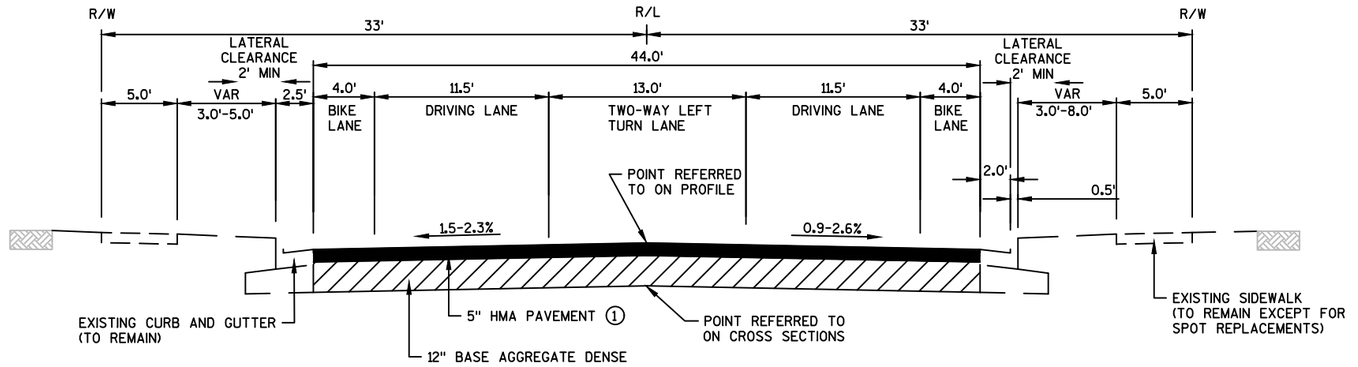


TYPICAL FINISHED SECTION

RIDERS CLUB ROAD
STA 54+00.00 TO STA 57+60.00



TYPICAL RAMP SECTION



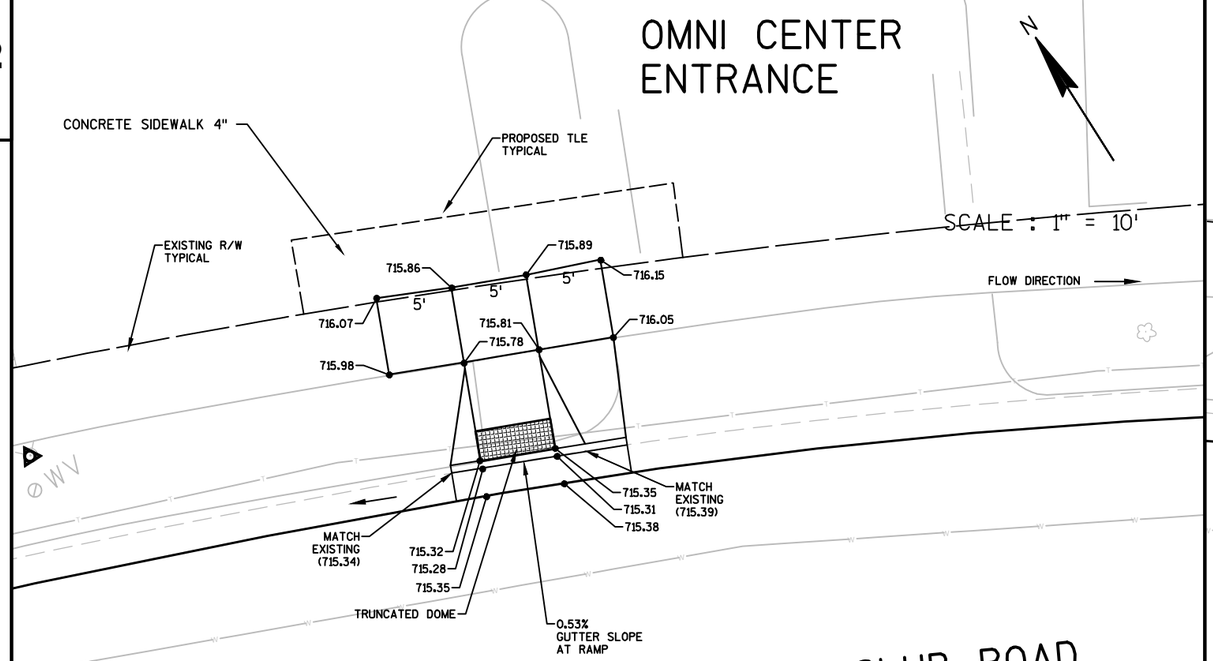
TYPICAL FINISHED SECTION

RIDERS CLUB ROAD
STA 57+60.00 TO STA 71+00.00

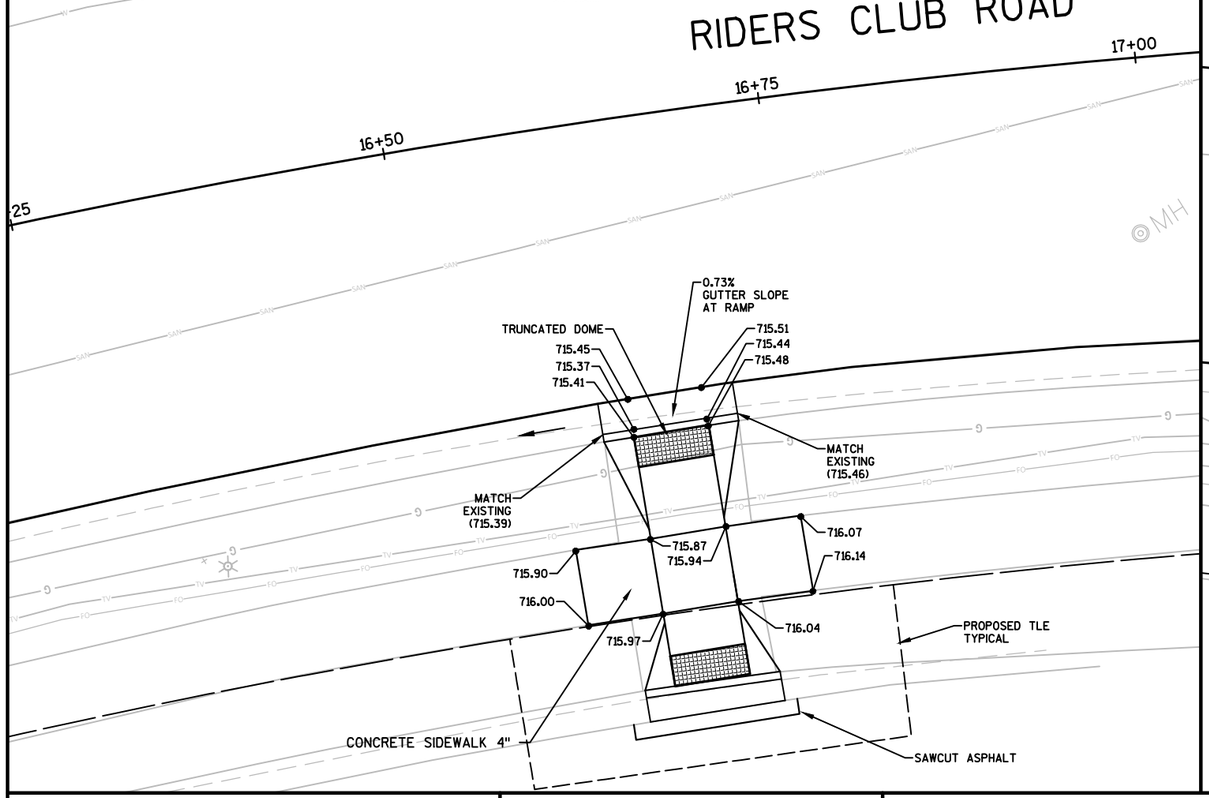
(1) 5" HMA PAVEMENT TO BE CONSTRUCTED IN 2 LAYERS
- 2.5" HMA PAVEMENT 4 LT 58-28 S UPPER LAYER
- 2.5" HMA PAVEMENT 3 LT 58-28 S LOWER LAYER

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	TYPICAL SECTIONS	SHEET 4	E

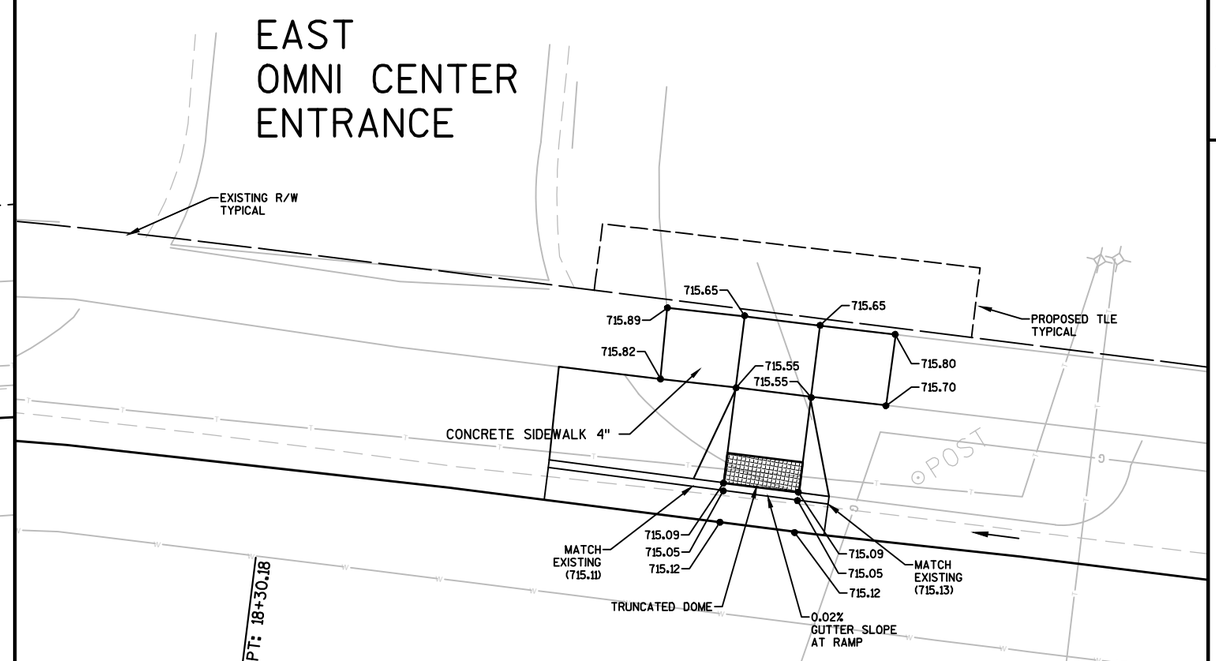
OMNI CENTER ENTRANCE



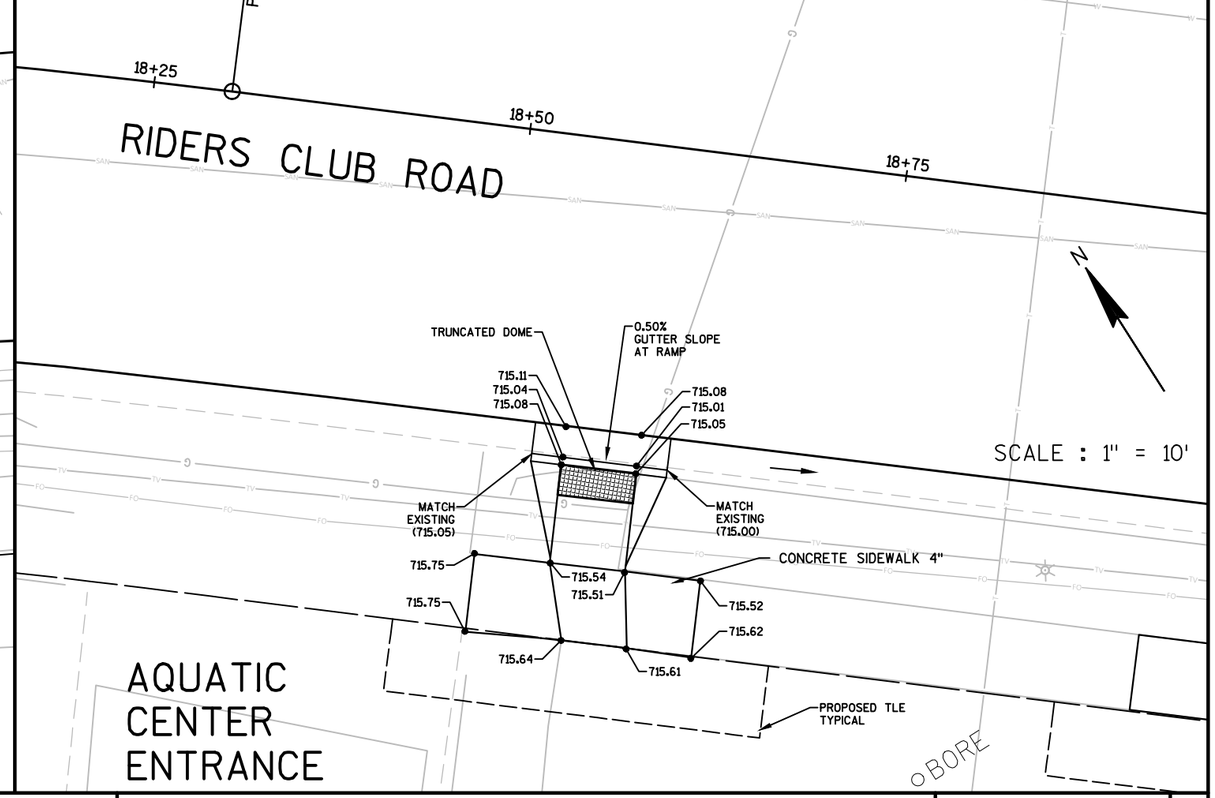
RIDERS CLUB ROAD



EAST OMNI CENTER ENTRANCE



RIDERS CLUB ROAD



AQUATIC CENTER ENTRANCE

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	RIDERS CLUB ROAD & CROSSWALKS AT STA 16+60 & 18+50	SHEET 5	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\021101-ID-RIDERS.DWG
LAYOUT NAME - 021101-ID-RIDERS - 3
PLOT DATE : 1/6/2017 9:27 AM
PLOT BY : TOREY LEONARD
PLOT NAME :
PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

SCALE : 1" = 10'

PROPOSED TLE TYPICAL

720.85 720.71 720.66 720.82

5' 5' 5'

720.75 720.63 720.58 720.73

CONCRETE SIDEWALK 4"

SAW CUT & REMOVE EXISTING SIDEWALK.

MATCH EXISTING (720.17)

720.20 720.16 720.24

720.15 720.11 720.19

MATCH EXISTING (720.09)

TRUNCATED DOME

1.00% GUTTER SLOPE AT RAMP

SAW CUT & REMOVE EXISTING CURB & GUTTER. REPLACE WITH NEW CONCRETE CURB & GUTTER, 30-INCH, TYPE D.

RIDERS CLUB ROAD

PC: 24+87.99

23+50 23+75 24+00 24+25 24+50 24+75 25+00

720.54 720.40 720.22

0.50% GUTTER SLOPE AT RAMP

720.51 720.43 720.47

TRUNCATED DOME

MATCH EXISTING (720.42)

720.54 720.46 720.50 720.97 720.49 (HP) 720.87 720.38 720.34 720.42

720.87

TRUNCATED DOME

CONCRETE SIDEWALK 4"

720.94 720.86 720.83 720.75 720.70 720.60

5'

1.42% GUTTER SLOPE AT RAMP

720.96 720.94 720.90 720.78 720.27 720.23 720.31

720.68 720.76 720.71 720.59 720.97

3%

MATCH EXISTING (720.19)

721.04

EXISTING R/W TYPICAL

4:1 CUT SLOPE BACK OF WALK

PROPOSED TLE TYPICAL

3RD AVE NORTH

MATCH EXISTING (719.90)

719.95 719.91 719.99 720.27

6'

CONCRETE SIDEWALK 4"

720.38

TRUNCATED DOME

719.93 HP

720.04

1.5%

3.2%

0.50% GUTTER SLOPE AT RAMP

719.99 719.91 719.95

720.07 720.39

5' 5'

719.99 719.99

MATCH EXISTING (719.90)

719.97 720.00

720.35

5' 3.2% 5'

720.39

PROPOSED TLE TYPICAL

720.38

PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD	SHEET 6	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\021101-ID-RIDERS.DWG
LAYOUT NAME - 021101-ID-RIDERS - 4

PLOT DATE : 1/6/2017 9:27 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:10 FT

2

N

SCALE : 1" = 10'

PROPOSED TLE TYPICAL

718.13 718.01 718.01 718.13

5' 5'

SAW CUT & REMOVE EXISTING SIDEWALK.

718.07 717.93 717.93 718.11

MATCH EXISTING CORNER

CONCRETE SIDEWALK 4"

REMOVE TREE

MATCH EXISTING (717.43)

717.51 717.47 717.55 717.48 717.44 717.52

MATCH EXISTING (717.43)

SAW CUT & REMOVE EXISTING CURB & GUTTER. REPLACE WITH NEW CONCRETE CURB & GUTTER, 30-INCH, TYPE D.

TRUNCATED DOME

0.5% GUTTER SLOPE AT RAMP

PT: 27+71.62

26+75 27+00 27+25 27+50 27+75 28+00 28+25

RIDERS CLUB ROAD

717.73 717.81 717.83 717.72

MATCH EXISTING (717.19)

716.96 LP 717.48 717.05 717.01 717.09

718.17

1.42% GUTTER SLOPE AT RAMP

CONCRETE SIDEWALK 4"

717.40

717.76 717.48 717.80 717.56 717.48

5'

TRUNCATED DOME

717.18 717.10 717.14

717.63

PROPOSED TLE TYPICAL

717.74 717.61

MATCH EXISTING (717.13)

RED CEDAR COURT

0.36% GUTTER SLOPE AT RAMP

TRUNCATED DOME

717.53 717.45 717.47 717.55 717.98 717.48 HP 717.49 717.45 717.53

MATCH EXISTING (717.44)

717.83 717.49 717.51 717.82

1.58% GUTTER SLOPE AT RAMP

717.74 717.98 717.40 717.36 717.44

5' 5'

718.02 717.82 717.90 718.11

EXISTING R/W TYPICAL

MATCH EXISTING (717.32)

717.60 717.89 717.97

CONCRETE SIDEWALK 4"

PROPOSED TLE TYPICAL

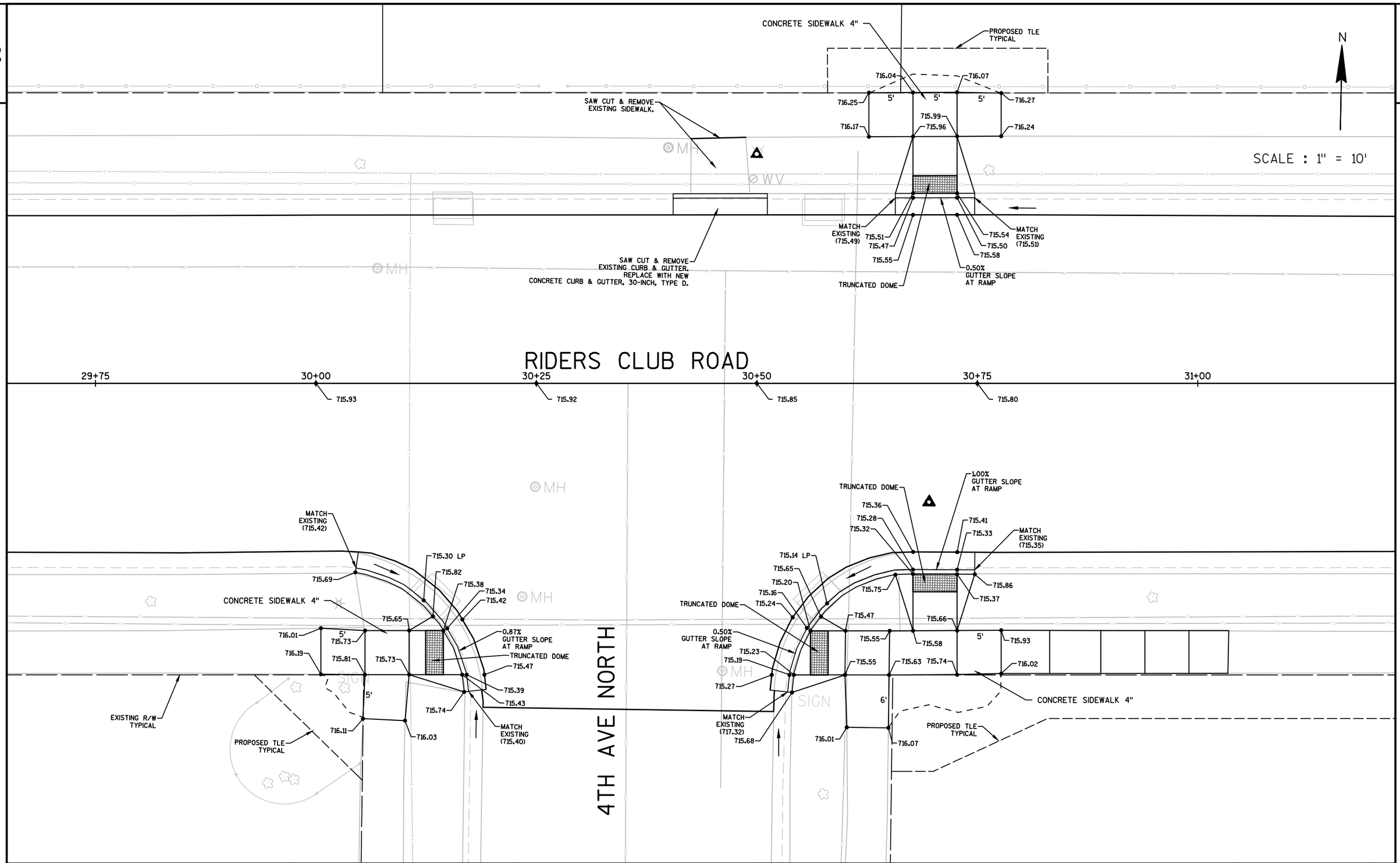
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	RIDERS CLUB ROAD & RED CEDAR COURT INTERSECTION DETAILS	SHEET 7	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\021101-ID-RIDERS.DWG
LAYOUT NAME - 021101-ID-RIDERS - 5

PLOT DATE : 1/6/2017 9:27 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:10 FT

WISDOT/CADDS SHEET 42

2



PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	RIDERS CLUB ROAD & 4TH AVENUE NORTH INTERSECTION DETAILS	SHEET 8	E

2

N

SCALE : 1" = 10'

PROPOSED TLE TYPICAL

SAW CUT & REMOVE EXISTING SIDEWALK.

SAW CUT & REMOVE EXISTING CURB & GUTTER. REPLACE WITH NEW CONCRETE CURB & GUTTER, 30-INCH, TYPE D.

717.23 717.24 717.24 717.25 717.28 717.16 717.15 717.40

5' 5' 5'

CONCRETE SIDEWALK 4"

MATCH EXISTING (716.65) 716.70 716.66 716.74 716.71 716.67 716.75 MATCH EXISTING (716.68)

0.20% GUTTER SLOPE AT RAMP

TRUNCATED DOME

MH MH MH WV

RIDERS CLUB ROAD

32+75 33+00 33+25 33+50 33+75 34+00

RIDGEWAY AVE

MATCH EXISTING (716.39) 716.42 HP 716.86 715.69 716.39 716.35 716.43

CONCRETE SIDEWALK 4"

716.67 716.90 5' 716.75 717.00 716.83 716.75 1.07% GUTTER SLOPE AT RAMP TRUNCATED DOME 716.37 716.29 716.33 716.64 5' MATCH EXISTING (716.27)

EXISTING R/W TYPICAL

PROPOSED TLE TYPICAL

716.99 716.91

TRUNCATED DOME 1.80% GUTTER SLOPE AT RAMP 716.53 716.45 716.49 716.62 716.54 MATCH EXISTING (716.58)

716.52 LP 717.04 716.60 716.56 716.64 715.75 717.07 716.58

TRUNCATED DOME 0.83% GUTTER SLOPE AT RAMP

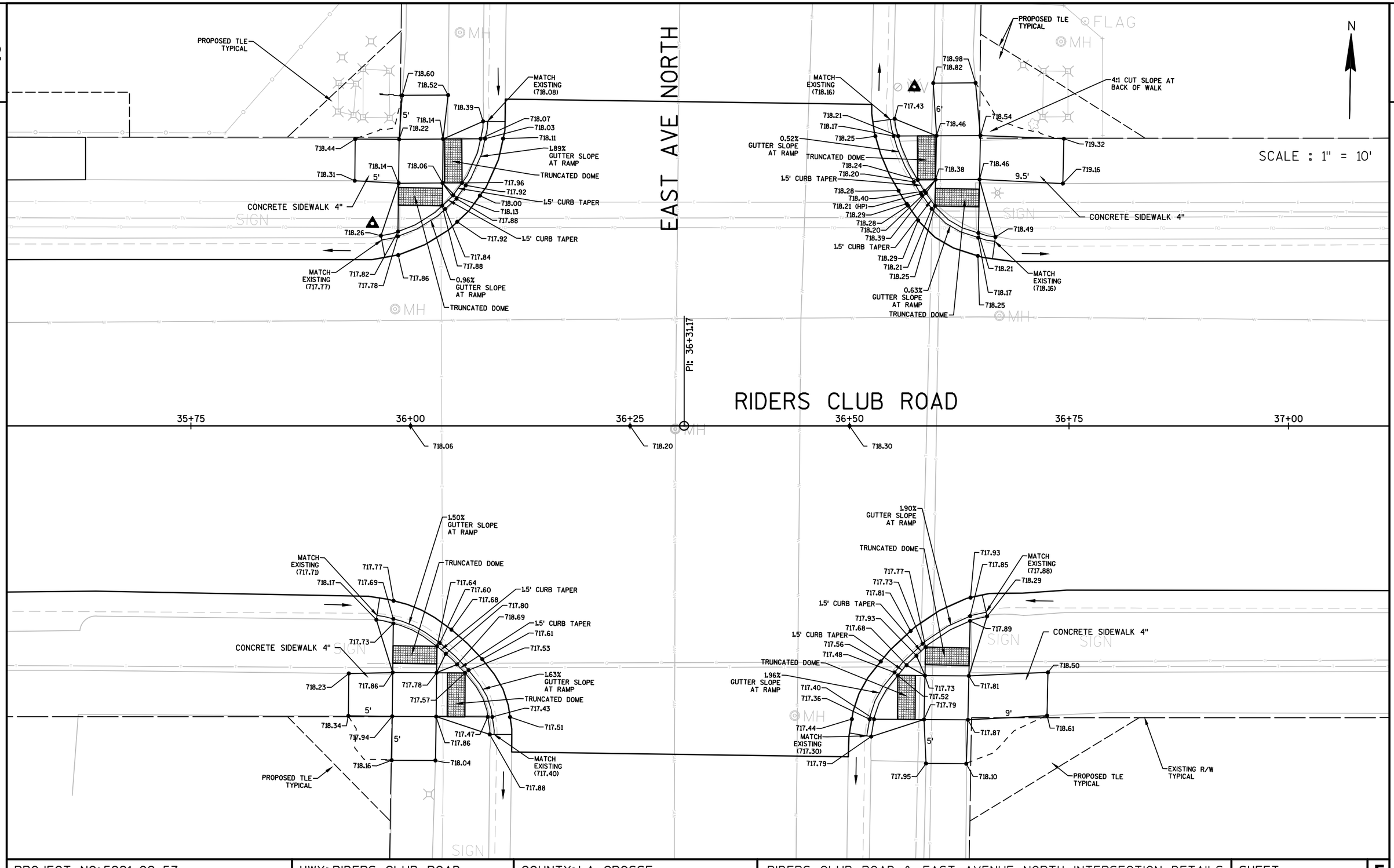
716.82 716.65 716.61 716.69 716.90 716.92 5' 717.01 717.38 716.90 716.98 717.09 717.44 CONCRETE SIDEWALK 4"

MH SIGN SIGN

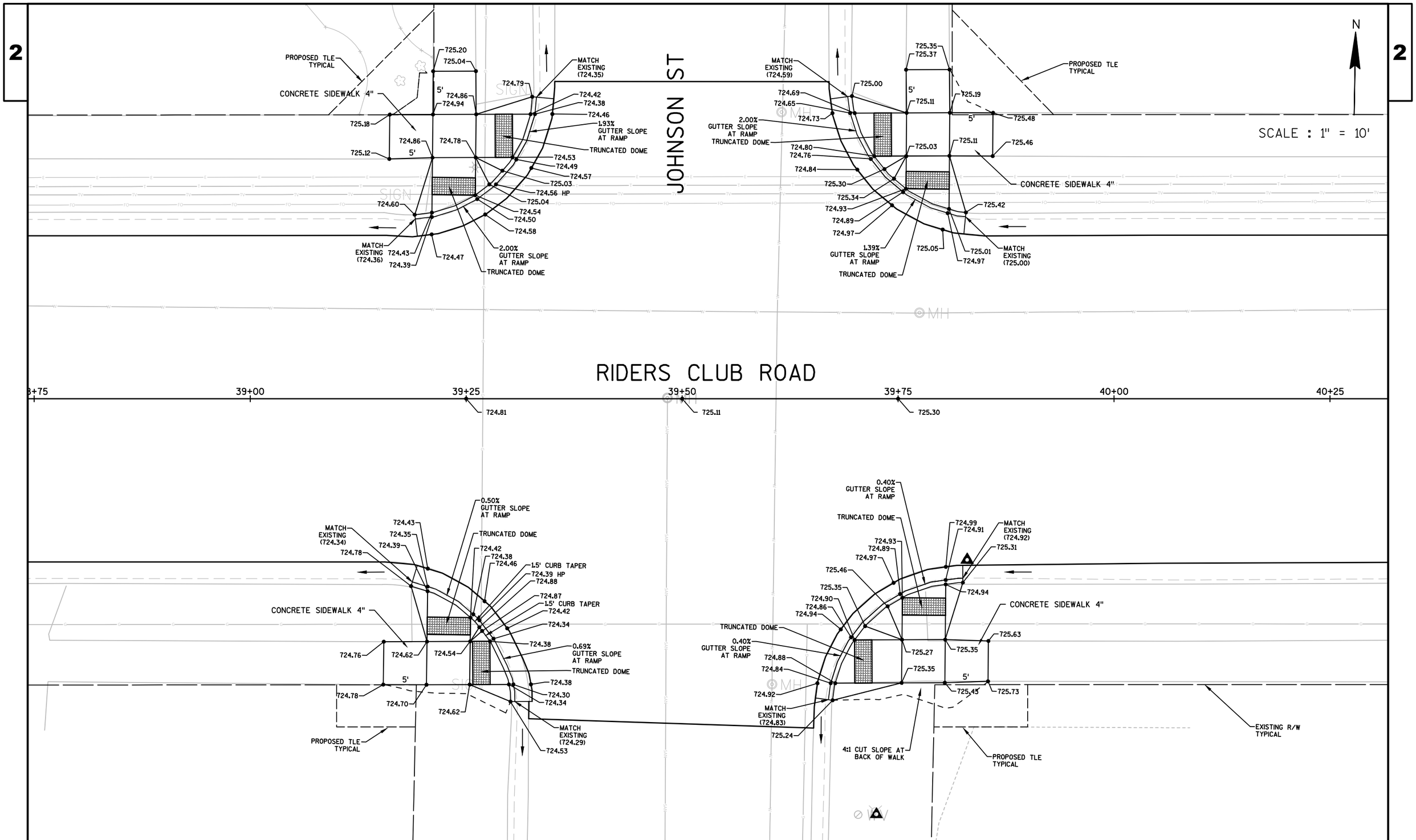
MATCH EXISTING (716.67) 717.11 6' 717.38 717.41

PROPOSED TLE TYPICAL

PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD & RIDGEWAY AVENUE INTERSECTION DETAILS	SHEET 9	E



PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD & EAST AVENUE NORTH INTERSECTION DETAILS	SHEET 10	E



PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD & JOHNSON STREET INTERSECTION DETAILS	SHEET 11 E

2

N

SCALE : 1" = 10'

PROPOSED TLE TYPICAL
CONCRETE SIDEWALK 4"
727.45
727.35
5'
727.07
727.15
727.49
5'
727.39
727.07
726.99
MATCH EXISTING (T26.59)
727.02
726.66
726.62
726.70
1.55% GUTTER SLOPE AT RAMP
TRUNCATED DOME
726.75
726.71
726.79
727.24
726.74 HP
727.22
726.75
726.71
726.79
724.60
MATCH EXISTING (726.66)
726.71
726.67
726.75
0.70% GUTTER SLOPE AT RAMP
TRUNCATED DOME

727.65
727.57
PROPOSED TLE TYPICAL
MATCH EXISTING (726.66)
727.07
5.5'
727.15
CONCRETE SIDEWALK 4"
727.23
7'
727.80
726.73
726.69
726.77
1.96% GUTTER SLOPE AT RAMP
TRUNCATED DOME
726.84
726.80
726.88
727.32
727.07
727.15
727.68
727.35
726.92
726.88
726.96
1.08% GUTTER SLOPE AT RAMP
TRUNCATED DOME
727.43
MATCH EXISTING (726.95)
727.02
726.98
726.94

RIDERS CLUB ROAD

42+00 | 42+25 | 42+50 | 42+75 | 43+00 | 43+25

726.82 | 727.06 | 727.09 | 727.14 | 727.20

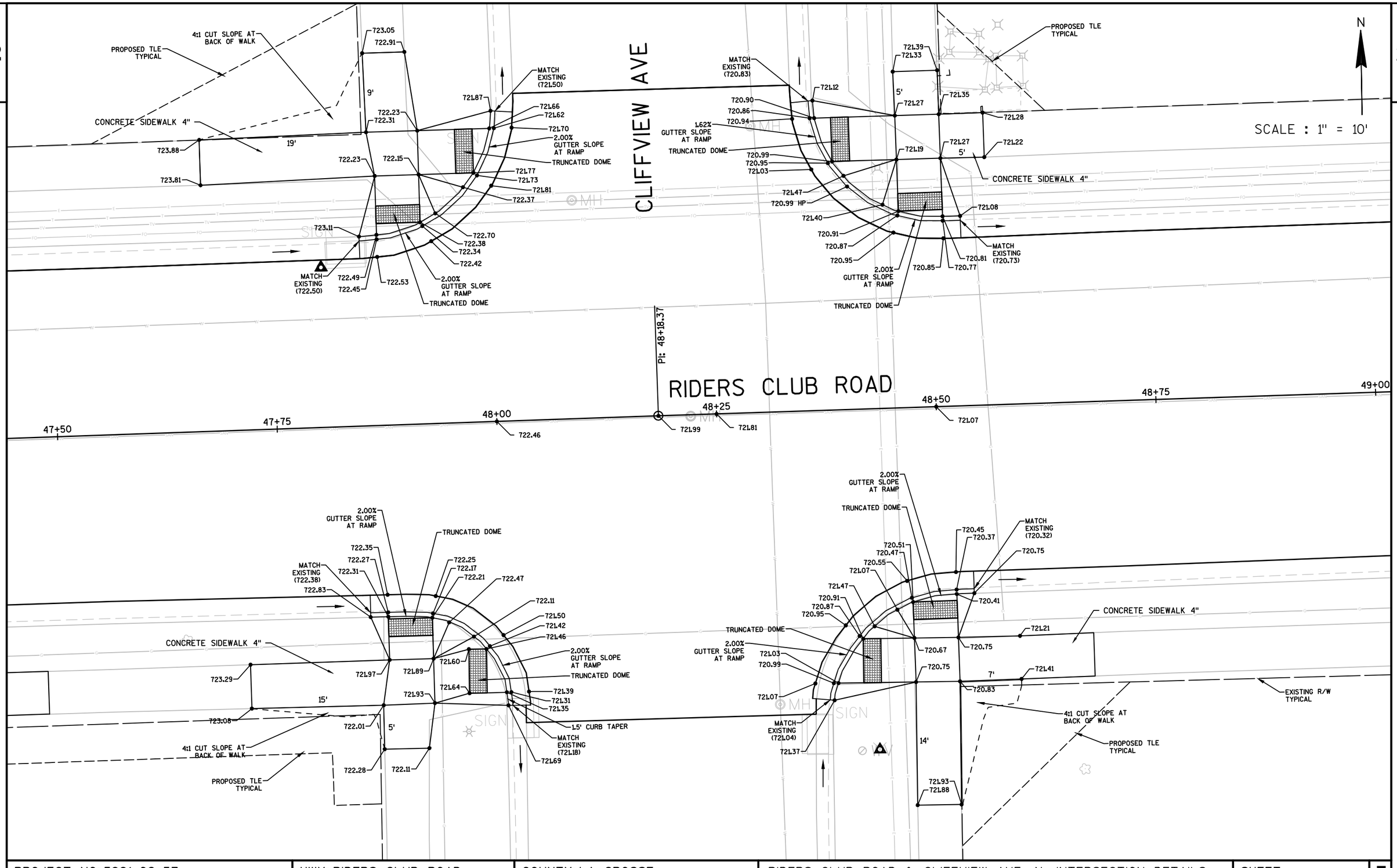
2.00% GUTTER SLOPE AT RAMP
MATCH EXISTING (726.27)
726.43
726.35
726.39
726.69
TRUNCATED DOME
726.50
726.46
726.54
1.5' CURB TAPER
727.06
727.08
1.5' CURB TAPER
726.76
726.68
726.72
CONCRETE SIDEWALK 4"
727.07
726.76
726.68
2.00% GUTTER SLOPE AT RAMP
TRUNCATED DOME
5.5'
727.29
726.84
726.76
726.88
726.80
726.84
MATCH EXISTING (726.88)
727.12
PROPOSED TLE TYPICAL

PINE ST

0.50% GUTTER SLOPE AT RAMP
TRUNCATED DOME
726.80
726.72
MATCH EXISTING (726.73)
727.18
726.85
726.81
727.34
726.89
726.80 LP
726.84
725.35
726.96
726.88
726.92
726.76
CONCRETE SIDEWALK 4"
727.64
TRUNCATED DOME
1.46% GUTTER SLOPE AT RAMP
725.27
725.35
724.88
726.93
724.92
725.35
727.71
725.43
EXISTING R/W TYPICAL
MATCH EXISTING (726.96)
725.24
PROPOSED TLE TYPICAL

PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD & PINE STREET INTERSECTION DETAILS	SHEET 12	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\021101-ID-RIDERS.DWG
LAYOUT NAME - 021101-ID-RIDERS - 10
PLOT DATE : 1/6/2017 9:28 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42



PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	RIDERS CLUB ROAD & CLIFFVIEW AVE. N. INTERSECTION DETAILS	SHEET 13	E

2

N

SCALE : 1" = 10'

PROPOSED TLE
TYPICAL

CONCRETE SIDEWALK 4"

717.84 717.80
718.11 5' 5' 5' 718.00
717.72
717.99 717.76 717.88

MATCH
EXISTING
(717.29)
717.32
717.28
717.36
717.28
717.24
717.32
MATCH
EXISTING
(717.22)
0.80%
GUTTER SLOPE
AT RAMP
TRUNCATED DOME

RIDERS CLUB ROAD

50+50 718.06
50+75 718.02
51+00 718.00
51+25 717.93
51+50 717.65
51+75

OAK AVE NORTH

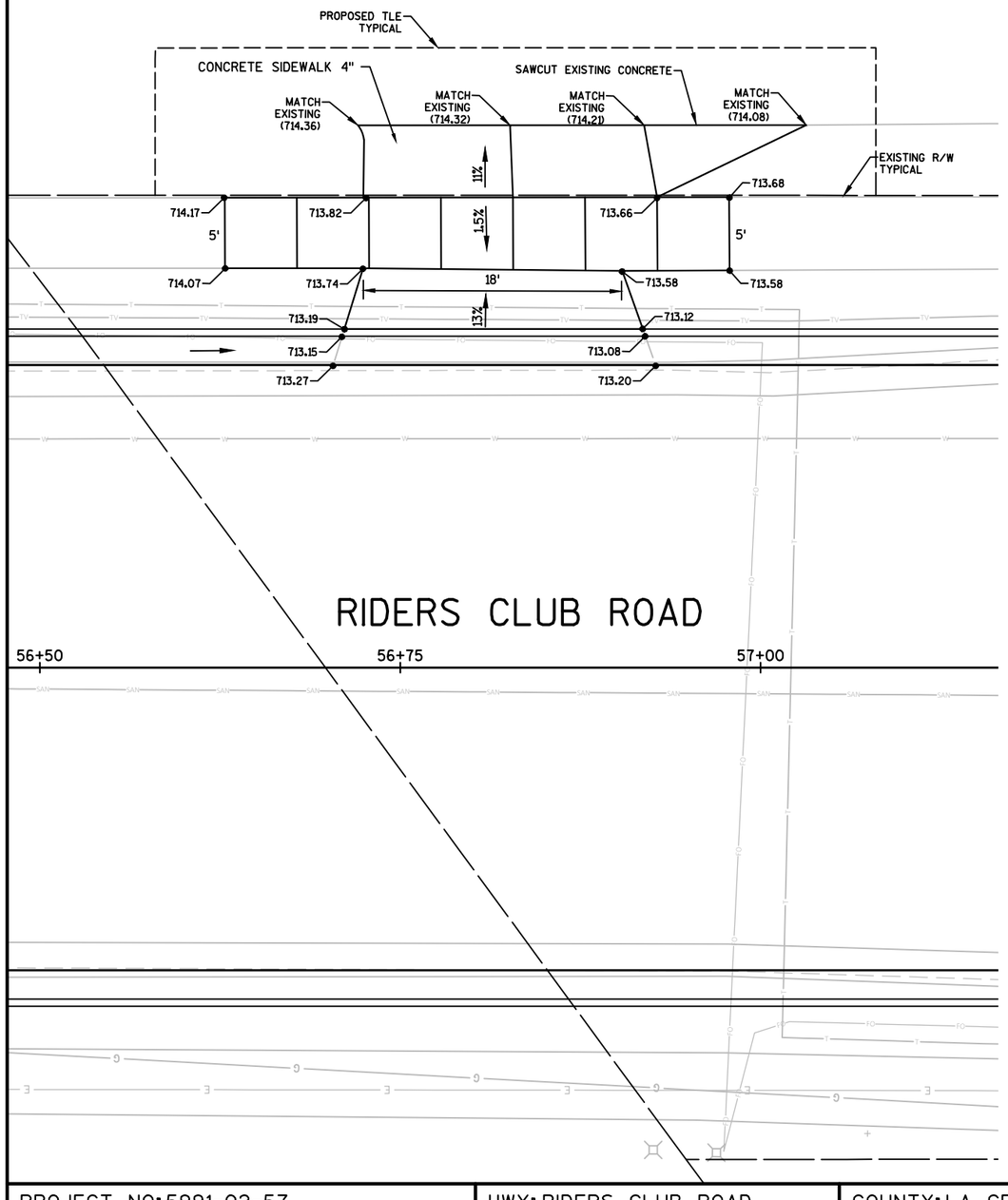
MATCH
EXISTING
(717.78)
718.18
718.06
717.56
717.52
717.60
CONCRETE SIDEWALK 4"
717.93
718.62
718.01
718.73
718.09
8'
718.01
0.88%
GUTTER SLOPE
AT RAMP
TRUNCATED DOME
717.65
717.57
717.61
718.06
MATCH
EXISTING
(717.59)
7.5'
718.69
718.51
PROPOSED TLE
TYPICAL

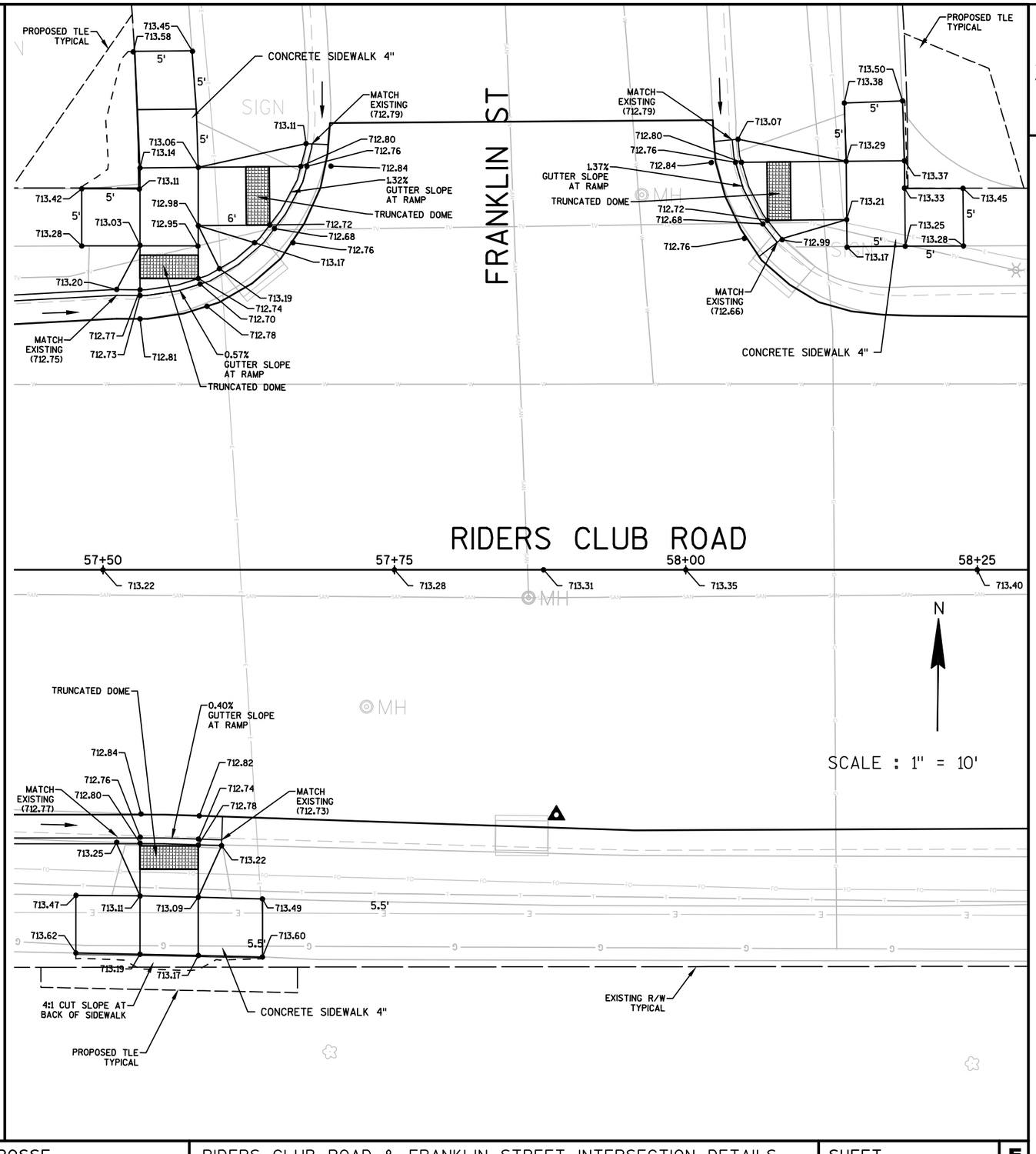
TRUNCATED DOME
1.00%
GUTTER SLOPE
AT RAMP
717.32
717.24
717.28
717.27
717.19
MATCH
EXISTING
(717.18)
717.91
717.48
717.44
717.52
TRUNCATED DOME
717.77
717.63
717.23
CONCRETE SIDEWALK 4"
0.50%
GUTTER SLOPE
AT RAMP
717.55
717.63
717.58
718.23
717.51
717.47
717.55
717.63
717.71
717.66
8'
718.23
MATCH
EXISTING
(717.48)
717.96
7.5'
718.22
718.34
EXISTING R/W
TYPICAL
PROPOSED TLE
TYPICAL

PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD & OAK AVENUE NORTH INTERSECTION DETAILS	SHEET 14	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\021101-ID-RIDERS.DWG
LAYOUT NAME - 021101-ID-RIDERS - 12
PLOT DATE : 1/6/2017 9:28 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

TERRY J WEILAND





PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	RIDERS CLUB ROAD & FRANKLIN STREET INTERSECTION DETAILS	SHEET 15	E

FILE NAME : \\SEHLX1\PROJECTS\K0\0\ONALA\133149\C3D\SHEETSPLAN\021101-ID-RIDERS.DWG
LAYOUT NAME - 021101-ID-RIDERS - 13
PLOT DATE : 1/6/2017 9:28 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:10 FT
WISDOT/CADDS SHEET 42

2

RIDERS CLUB ROAD

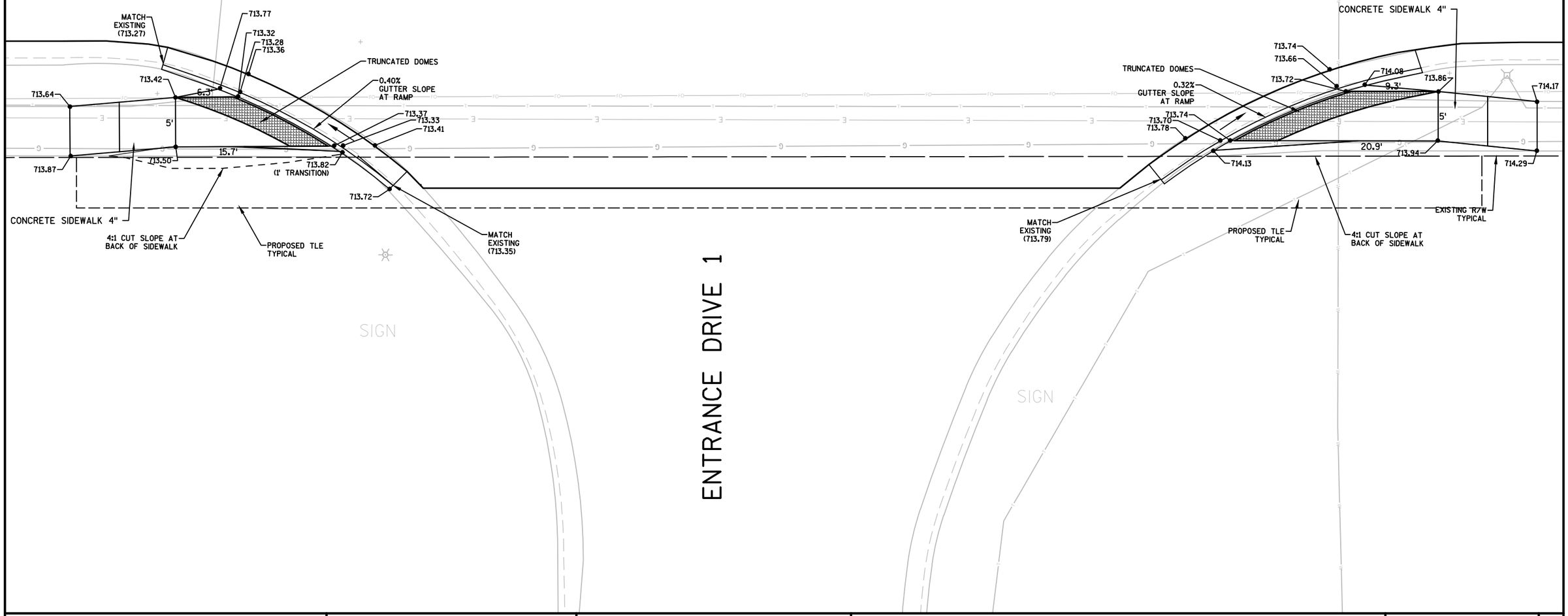
N

SCALE : 1" = 10'

59+50 713.79 | 59+75 713.87 | 60+00 713.96 | 60+25 714.08 | 60+50 714.19 | 60+75

RADIAL DETECTABLE WARNING FIELD (DWF) DATA
BACK OF CURB RADIUS = 60'
LANDING LENGTH XR = 15.7'
RADIAL DWF AREA = 23.2 SF
RADIAL LONG CHORD = 10.8'

RADIAL DETECTABLE WARNING FIELD (DWF) DATA
BACK OF CURB RADIUS = 60'
LANDING LENGTH XR = 20.9'
RADIAL DWF AREA = 29.4 SF
RADIAL LONG CHORD = 12.8'



PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD & ENTRANCE DRIVE 1 INTERSECTION DETAILS	SHEET 16	E

2

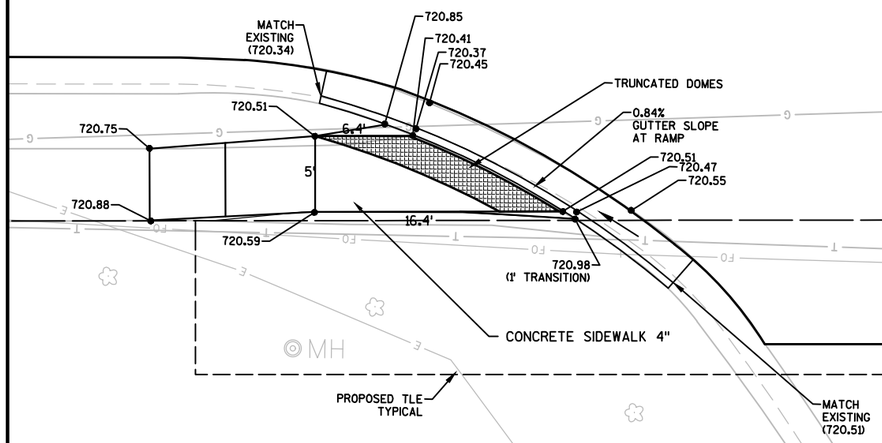
N

SCALE : 1" = 10'

RIDERS CLUB ROAD

69+75 720.89 | 70+00 721.07 | 70+25 721.29 | 70+50 721.51 | 70+75 | 71+00

RADIAL DETECTABLE WARNING FIELD (DWF) DATA
BACK OF CURB RADIUS = 60'
LANDING LENGTH XR = 16.4'
RADIAL DWF AREA = 24.0 SF
RADIAL LONG CHORD = 11.1'



ENTRANCE DRIVE 2

MH MH MH WV MH SIGN SIGN

PROJECT NO:5991-02-57	HWY:RIDERS CLUB ROAD	COUNTY:LA CROSSE	RIDERS CLUB ROAD & ENTRANCE DRIVE 2 INTERSECTION DETAILS	SHEET 17	E

2

2

N

1-03
R7-53D
18"X24"

100' PAVEMENT MARKING
TRANSITION TO MATCH EXISTING

11+00
12+00
13+00
14+00
15+00
16+
RIDERS CLUB ROAD
BORE
MH
W/V
SIGN
SAN

MATCH LINE STA 16+00.00

1-00
R7-53-R
18"X24"

1-01R
SPEED LIMIT 25
REMOVE

1-02
SPEED LIMIT 25
R2-1
24"X30"

1-04
R7-52L
18"X24"

1-05
R7-52R
18"X24"

PAVEMENT MARKING LEGEND

- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (F) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (G) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (H) MARKING SYMBOL EPOXY (BIKE LANE) AND MARKING ARROW EPOXY (BIKE LANE)
- (I) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (J) MARKING ARROW EPOXY (LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)

N

2-00R
R7-53D
18"X24"
REMOVE

2-01
R7-53D
18"X24"

2-02R
R7-53D
18"X24"
REMOVE

2-03
R7-53D
18"X24"

2-04
R7-52L
18"X24"

2-05
R7-52R
18"X24"

2-06R
R7-53D
18"X24"
REMOVE

2-07
R7-53D
18"X24"

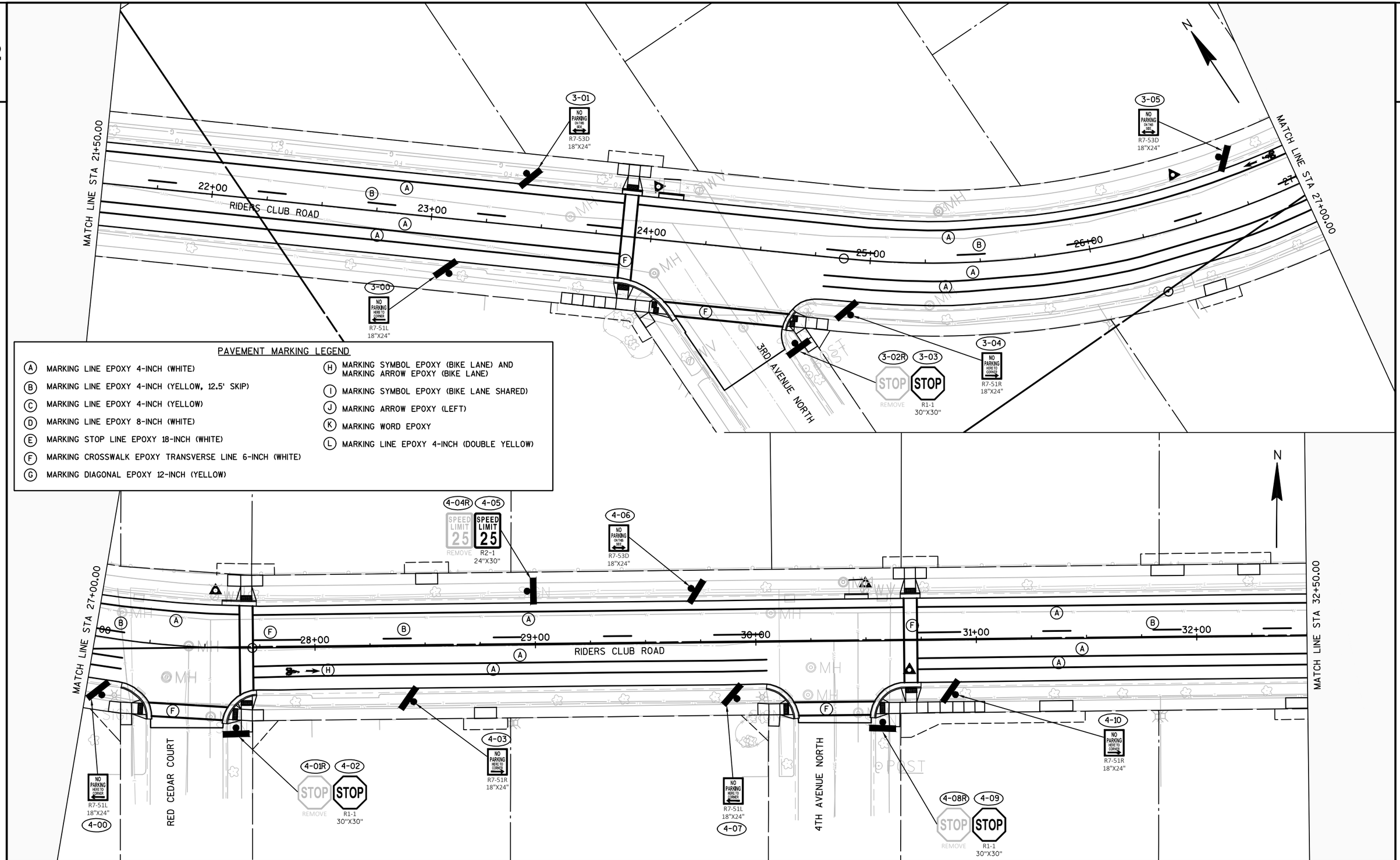
MATCH LINE STA 16+00.00

17+00
18+00
19+00
20+00
21+00
RIDERS CLUB ROAD
BORE
MH
W/V
SIGN

MATCH LINE STA 21+50.00

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING RIDERS CLUB ROAD	SHEET 18	E

2

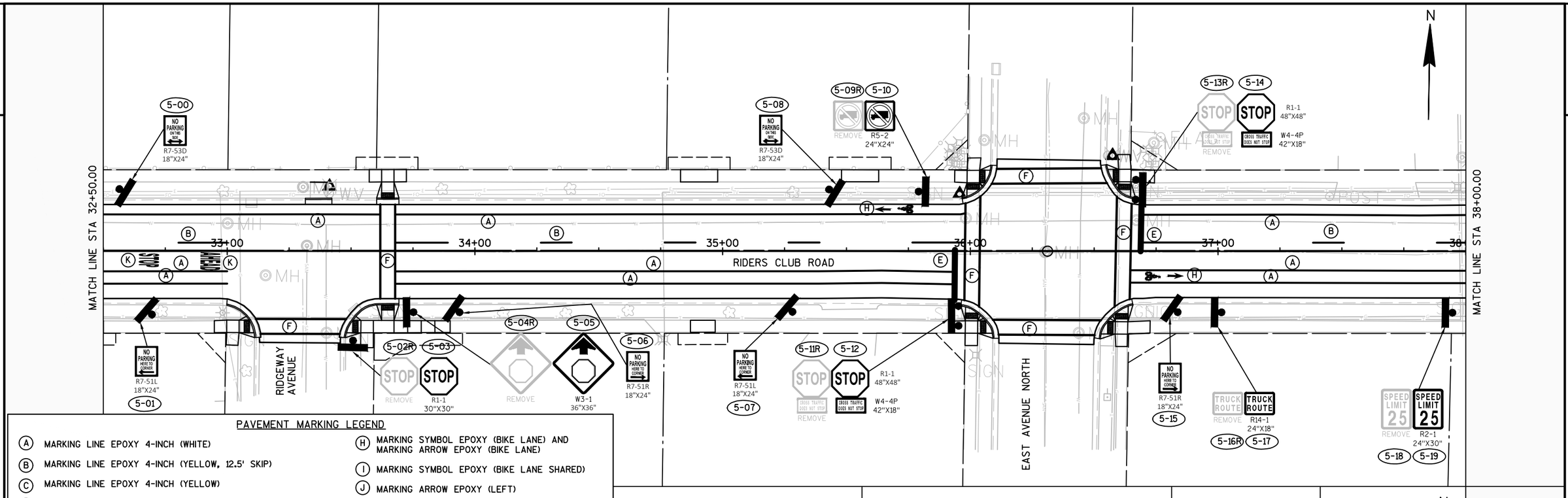


PAVEMENT MARKING LEGEND

- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (F) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (G) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (H) MARKING SYMBOL EPOXY (BIKE LANE) AND MARKING ARROW EPOXY (BIKE LANE)
- (I) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (J) MARKING ARROW EPOXY (LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)

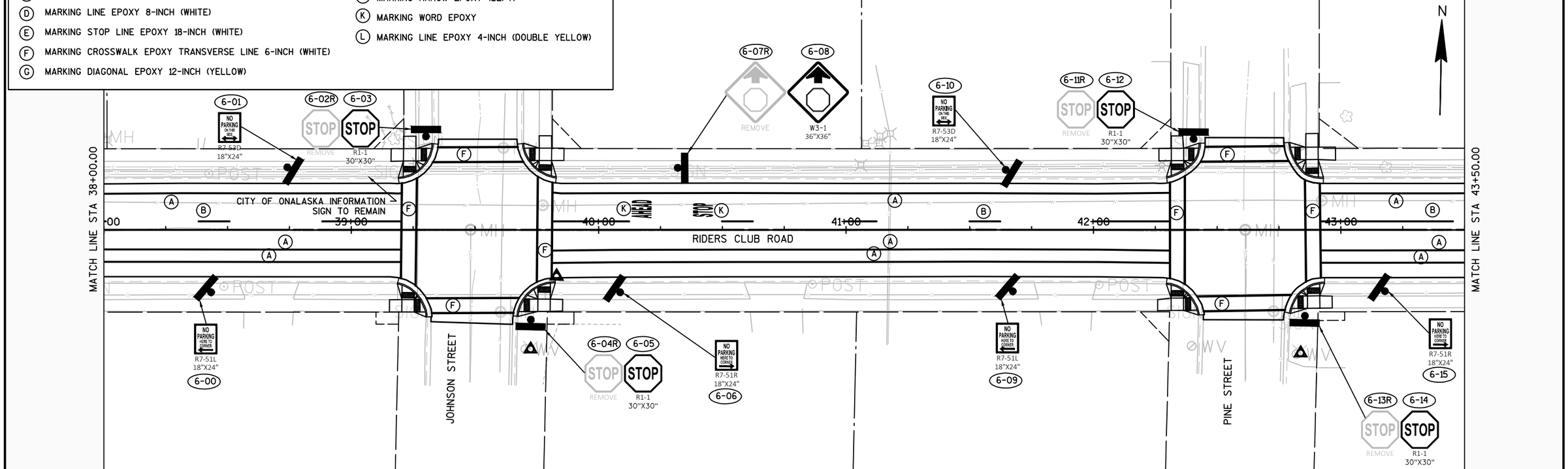
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING RIDERS CLUB ROAD	SHEET 19	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\024501-PM-RIDERS.DWG
LAYOUT NAME - 024502-PM
PLOT DATE : 6/12/2017 10:41 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

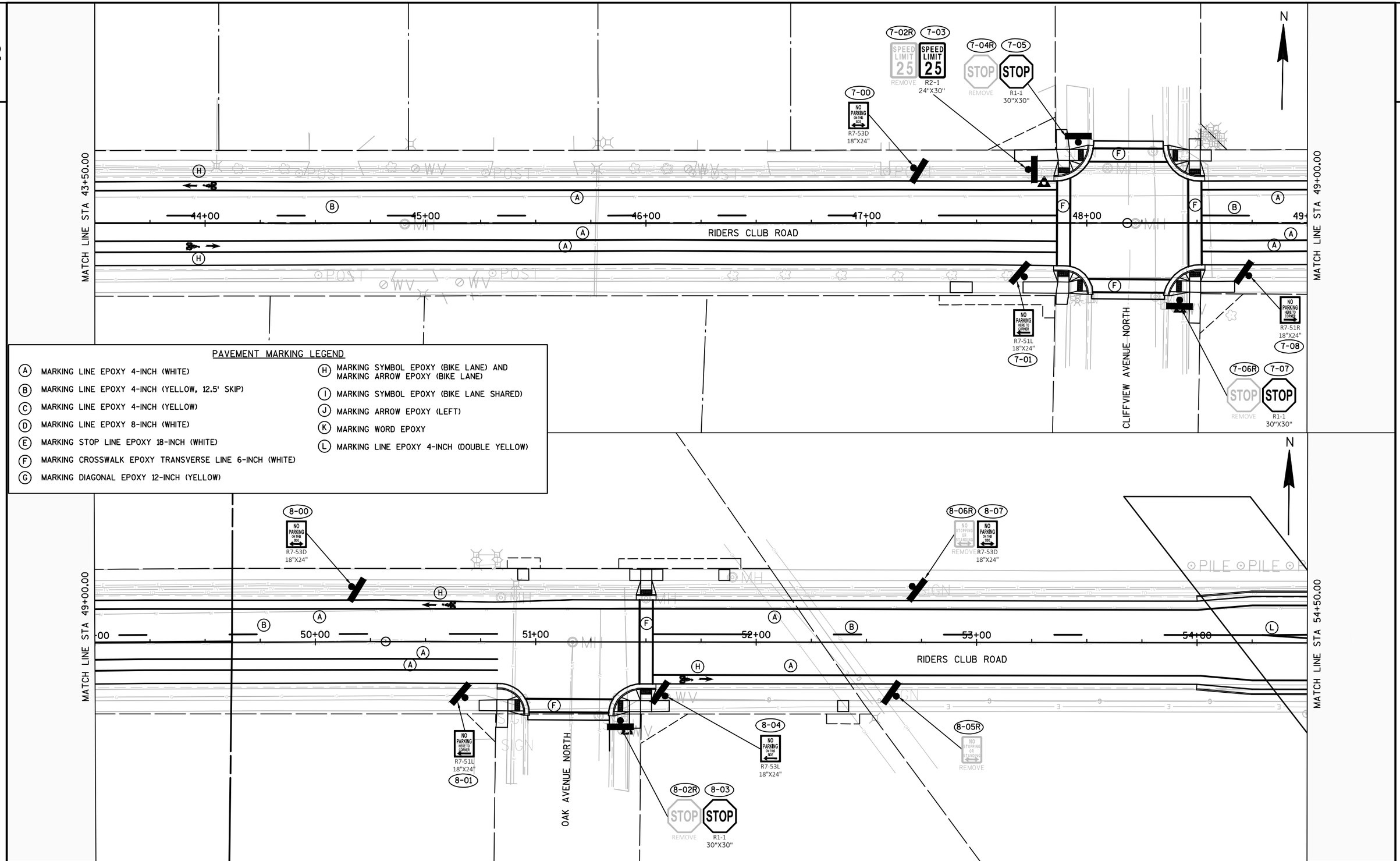


PAVEMENT MARKING LEGEND

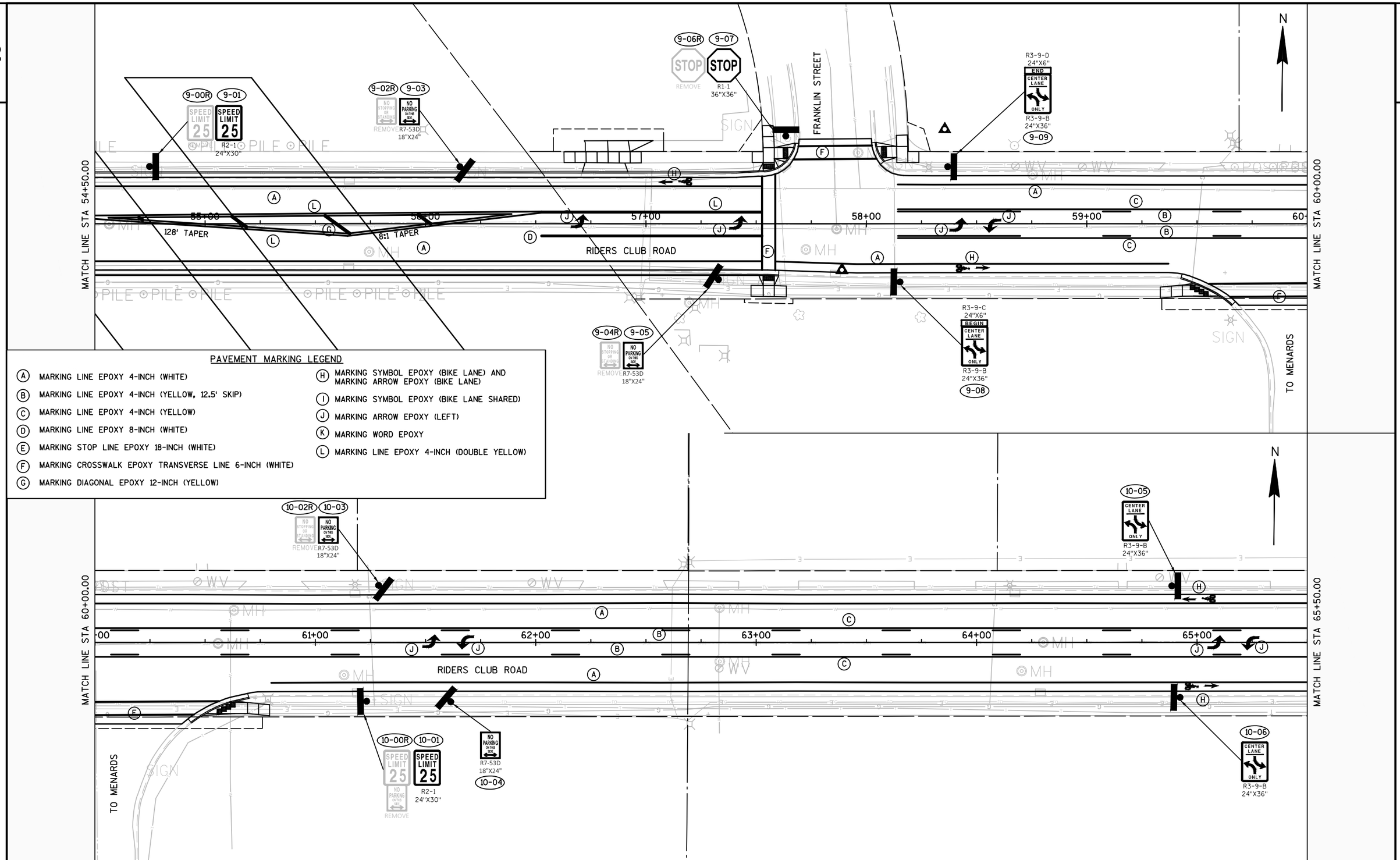
- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (F) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (G) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (H) MARKING SYMBOL EPOXY (BIKE LANE) AND MARKING ARROW EPOXY (BIKE LANE)
- (I) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (J) MARKING ARROW EPOXY (LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)



PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING RIDERS CLUB ROAD	SHEET 20	E



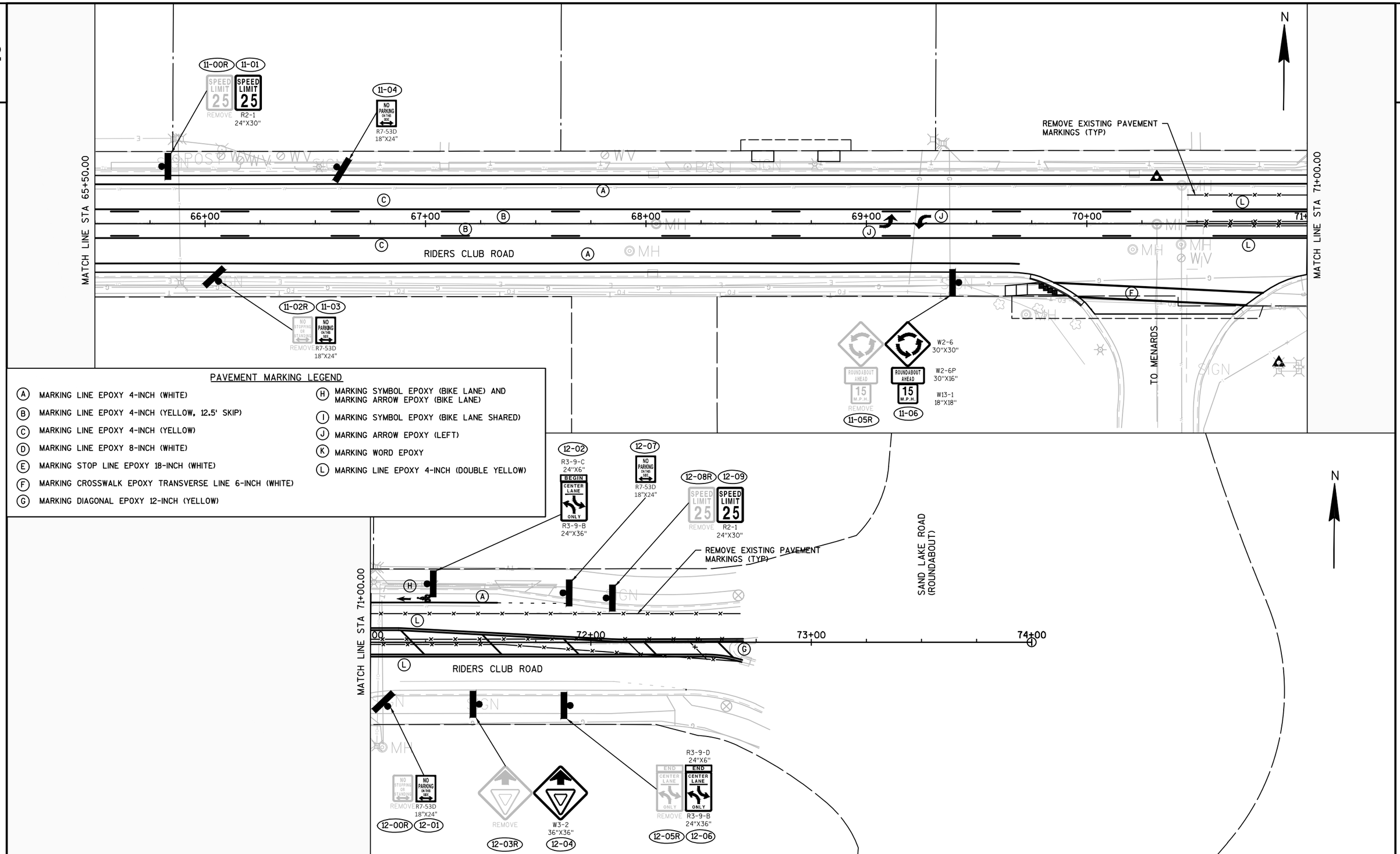
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING RIDERS CLUB ROAD	SHEET 21	E



PAVEMENT MARKING LEGEND

- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
- (F) MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH (WHITE)
- (G) MARKING DIAGONAL EPOXY 12-INCH (YELLOW)
- (H) MARKING SYMBOL EPOXY (BIKE LANE) AND MARKING ARROW EPOXY (BIKE LANE)
- (I) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (J) MARKING ARROW EPOXY (LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING RIDERS CLUB ROAD	SHEET 22	E



PAVEMENT MARKING LEGEND

- (A) MARKING LINE EPOXY 4-INCH (WHITE)
- (B) MARKING LINE EPOXY 4-INCH (YELLOW, 12.5' SKIP)
- (C) MARKING LINE EPOXY 4-INCH (YELLOW)
- (D) MARKING LINE EPOXY 8-INCH (WHITE)
- (E) MARKING STOP LINE EPOXY 18-INCH (WHITE)
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- (I) MARKING SYMBOL EPOXY (BIKE LANE SHARED)
- (J) MARKING ARROW EPOXY (LEFT)
- (K) MARKING WORD EPOXY
- (L) MARKING LINE EPOXY 4-INCH (DOUBLE YELLOW)

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PAVEMENT MARKING & SIGNING RIDERS CLUB ROAD	SHEET 23	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\024501-PM-RIDERS.DWG
LAYOUT NAME - 024506-PM
PLOT DATE : 6/12/2017 10:41 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 42

NOTES:

CONTRACTOR TO PROVIDE ALL REQUIRED TRAFFIC CONTROL PER STANDARD DETAIL DRAWINGS (SDD).

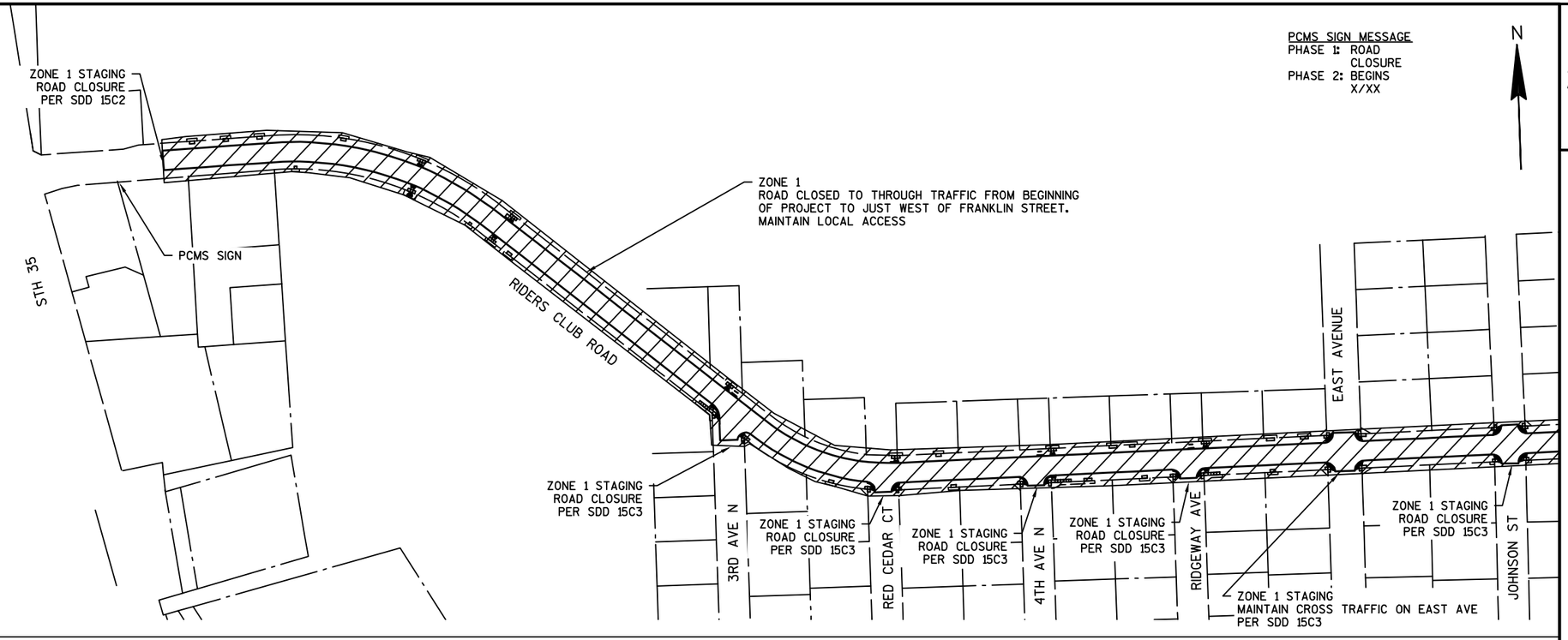
CONTRACTOR MAY ONLY CLOSE SIDEWALK ON ONE SIDE OF ANY STREET AT A TIME, THE OTHER SIDE MUST REMAIN OPEN.

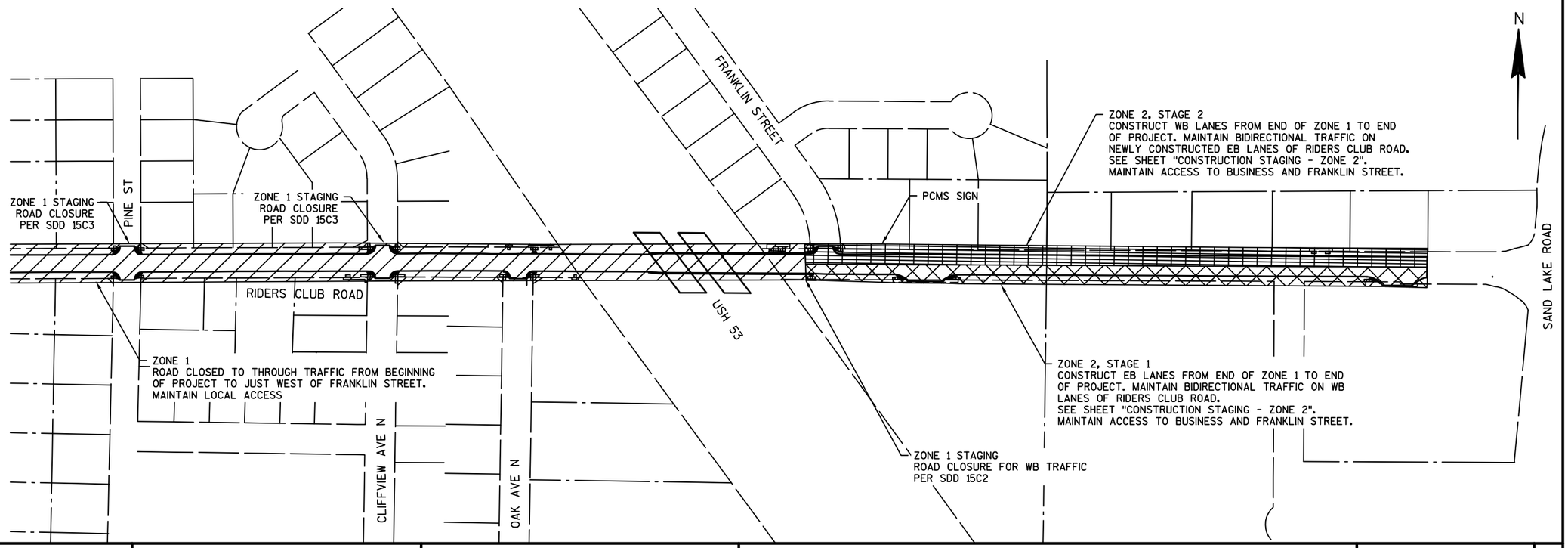
WORK REQUIRING SIDEWALK CLOSURES WILL BE PERFORMED IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS.

A MINIMUM OF ONE NORTH-SOUTH CROSSWALK MUST BE MAINTAINED EVERY 1,500 FEET AND ONE EAST-WEST CROSSWALK MUST BE MAINTAINED AT EACH INTERSECTION THROUGHOUT CONSTRUCTION. ADDITIONALLY, THE CONTRACTOR MUST MAINTAIN ONE DIRECTION OF TRAVEL BETWEEN EACH CROSSWALK. ANY TEMPORARY ACCOMMODATIONS WILL BE PROVIDED BY THE CONTRACTOR IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS.

CONTRACTOR MAY UTILIZE FLAGGING OPERATIONS PER SDD 15C12 TO FACILITATE CONSTRUCTION ACTIVITIES, BUT THE FLAGGING OPERATIONS SHALL NOT DISRUPT TRAFFIC OPERATIONS ON STH 35 OR SAND LAKE ROAD.

PCMS SIGNS TO BE IN PLACE AT EACH END OF ZONE 1 FOR 3 DAYS PRIOR TO START OF CONSTRUCTION.





PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CONSTRUCTION STAGING RIDERS CLUB ROAD	SHEET 24	E

2

LEGEND

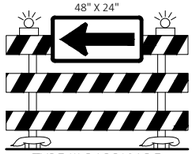
- TYPE III BARRICADE
- TYPE III BARRICADE WTH ATTACHED SIGN
- SIGN ON TEMPORARY SUPPORT
- TRAFFIC CONTROL CONE 42-INCH
- WORK AREA
- DIRECTION OF TRAFFIC

Ⓐ

Ⓑ

G20-2A
48"X24"

Ⓒ

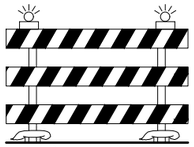


TYPE III BARRICADE

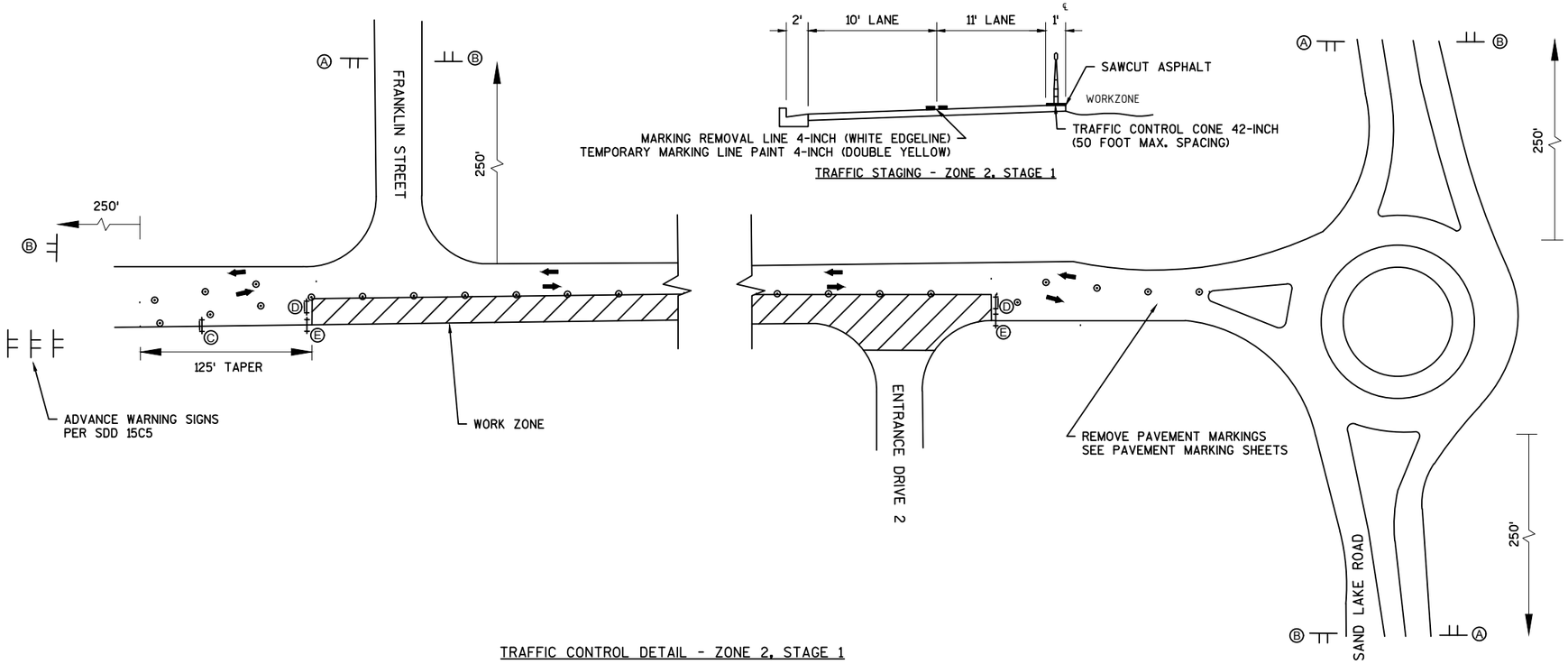
Ⓓ

TYPE III BARRICADE

Ⓔ

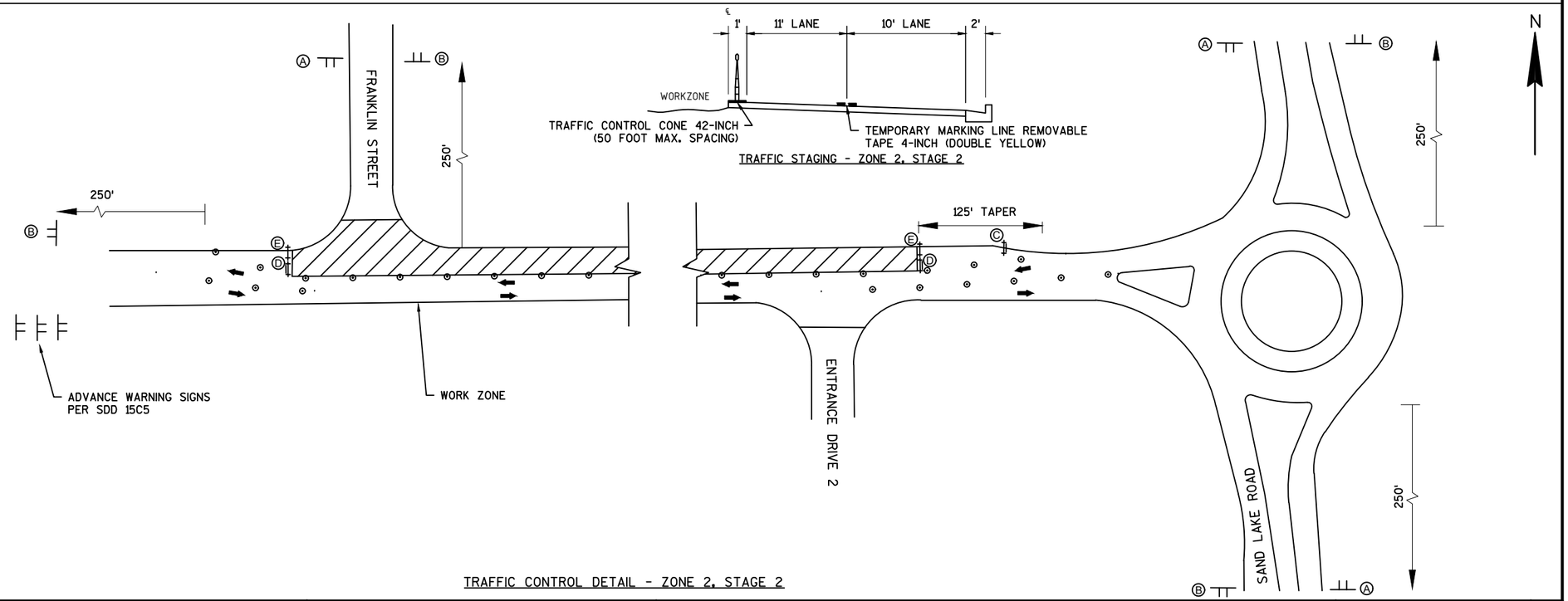


TYPE III BARRICADE



TRAFFIC STAGING - ZONE 2, STAGE 1

TRAFFIC CONTROL DETAIL - ZONE 2, STAGE 1



TRAFFIC STAGING - ZONE 2, STAGE 2

TRAFFIC CONTROL DETAIL - ZONE 2, STAGE 2

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CONSTRUCTION STAGING - ZONE 2	SHEET 25	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\026001-S1-RIDERS.DWG
LAYOUT NAME - 026001-S1-RIDERS - 2
PLOT DATE : 7/26/2017 3:08 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : ******
WISDOT/CADDS SHEET 42

5991-02-57

Line	Item	Item Description	Unit	Total	Qty
0002	201.0120	Clearing	ID	48.000	48.000
0004	201.0220	Grubbing	ID	48.000	48.000
0006	204.0100	Removing Pavement	SY	43.000	43.000
0008	204.0150	Removing Curb & Gutter	LF	1,493.000	1,493.000
0010	204.0155	Removing Concrete Sidewalk	SY	875.000	875.000
0012	204.0220	Removing Inlets	EACH	2.000	2.000
0014	204.0245	Removing Storm Sewer (size) 01. 12-Inch	LF	12.000	12.000
0016	205.0100	Excavation Common	CY	14,571.000	14,571.000
0022	213.0100	Finishing Roadway (project) 01. 5991-02-57	EACH	1.000	1.000
0024	305.0120	Base Aggregate Dense 1 1/4-Inch	TON	18,742.000	18,742.000
0026	312.0110	Select Crushed Material	TON	2,384.000	2,384.000
0028	416.0160	Concrete Driveway 6-Inch	SY	43.000	43.000
0030	455.0605	Tack Coat	GAL	1,908.000	1,908.000
0032	460.2000	Incentive Density HMA Pavement	DOL	4,980.000	4,980.000
0034	460.5223	HMA Pavement 3 LT 58-28 S	TON	3,876.000	3,876.000
0036	460.5224	HMA Pavement 4 LT 58-28 S	TON	3,876.000	3,876.000
0038	601.0411	Concrete Curb & Gutter 30-Inch Type D	LF	1,493.000	1,493.000
0040	602.0405	Concrete Sidewalk 4-Inch	SF	7,775.000	7,775.000
0042	602.0515	Curb Ramp Detectable Warning Field Natural Patina	SF	610.000	610.000
0044	602.0615	Curb Ramp Detectable Warning Field Radial Natural Patina	SF	76.600	76.600
0046	608.0312	Storm Sewer Pipe Reinforced Concrete Class III 12-Inch	LF	16.000	16.000
0050	611.3230	Inlets 2x3-FT	EACH	2.000	2.000
0052	611.8110	Adjusting Manhole Covers	EACH	59.000	59.000
0054	611.8115	Adjusting Inlet Covers	EACH	28.000	28.000
0056	611.9710	Salvaged Inlet Covers	EACH	2.000	2.000
0058	619.1000	Mobilization	EACH	0.600	0.600
0060	624.0100	Water	MGAL	562.300	562.300
0062	625.0100	Topsoil	SY	323.000	323.000
0064	627.0200	Mulching	SY	323.000	323.000
0066	628.1905	Mobilizations Erosion Control	EACH	2.000	2.000
0068	628.1910	Mobilizations Emergency Erosion Control	EACH	2.000	2.000
0070	628.7015	Inlet Protection Type C	EACH	28.000	28.000
0072	629.0210	Fertilizer Type B	CWT	0.810	0.810
0074	630.0140	Seeding Mixture No. 40	LB	5.810	5.810
0076	634.0614	Posts Wood 4x6-Inch X 14-FT	EACH	76.000	76.000
0078	634.0616	Posts Wood 4x6-Inch X 16-FT	EACH	5.000	5.000
0080	637.2210	Signs Type II Reflective H	SF	361.050	361.050
0084	638.2602	Removing Signs Type II	EACH	39.000	39.000

5991-02-57

Line	Item	Item Description	Unit	Total	Qty
0086	638.3000	Removing Small Sign Supports	EACH	41.000	41.000
0088	642.5001	Field Office Type B	EACH	0.500	0.500
0092	643.0410	Traffic Control Barricades Type II	DAY	467.000	467.000
0094	643.0420	Traffic Control Barricades Type III	DAY	6,074.000	6,074.000
0096	643.0705	Traffic Control Warning Lights Type A	DAY	13,088.000	13,088.000
0098	643.0900	Traffic Control Signs	DAY	4,578.000	4,578.000
0100	643.1050	Traffic Control Signs PCMS	DAY	6.000	6.000
0102	643.1070	Traffic Control Cones 42-Inch	DAY	1,088.000	1,088.000
0104	643.5000	Traffic Control	EACH	0.600	0.600
0106	644.1420.S	Temporary Pedestrian Surface Plywood	SF	660.000	660.000
0108	644.1601.S	Temporary Curb Ramp	EACH	18.000	18.000
0110	646.1020	Marking Line Epoxy 4-Inch	LF	18,418.000	18,418.000
0112	646.3020	Marking Line Epoxy 8-Inch	LF	100.000	100.000
0114	646.5020	Marking Arrow Epoxy	EACH	25.000	25.000
0116	646.5120	Marking Word Epoxy	EACH	4.000	4.000
0118	646.5220	Marking Symbol Epoxy	EACH	15.000	15.000
0120	646.6120	Marking Stop Line Epoxy 18-Inch	LF	40.000	40.000
0122	646.7120	Marking Diagonal Epoxy 12-Inch	LF	29.000	29.000
0124	646.7420	Marking Crosswalk Epoxy Transverse Line 6-Inch	LF	2,670.000	2,670.000
0126	646.9000	Marking Removal Line 4-Inch	LF	1,494.000	1,494.000
0130	649.0105	Temporary Marking Line Paint 4-Inch	LF	2,558.000	2,558.000
0132	649.0150	Temporary Marking Line Removable Tape 4-Inch	LF	2,558.000	2,558.000
0136	650.4500	Construction Staking Subgrade	LF	6,109.000	6,109.000
0138	650.5000	Construction Staking Base	LF	6,109.000	6,109.000
0140	650.5500	Construction Staking Curb Gutter and Curb & Gutter	LF	1,480.000	1,480.000
0142	650.9000	Construction Staking Curb Ramps	EACH	48.000	48.000
0148	650.9910	Construction Staking Supplemental Control (project) 01. 5991-02-57	LS	1.000	1.000
0154	690.0150	Sawing Asphalt	LF	2,127.000	2,127.000
0156	690.0250	Sawing Concrete	LF	645.000	645.000
0158	ASP.1T0A	On-the-Job Training Apprentice at $5.00/HR	HRS	1,200.000	1,200.000
0160	ASP.1T0G	On-the-Job Training Graduate at $5.00/HR	HRS	600.000	600.000
0162	SPV.0060	Special 01. Existing Valve Box Adjustment	EACH	2.000	2.000

CLEARING AND GRUBBING

STATION	DIR	LOCATION	201.0105 CLEARING ID	201.0205 GRUBBING ID
PROJECT 5991-02-57 CATEGORY 0010				
27+75	LT	RIDERS CLUB ROAD	9	9
68+55	LT	RIDERS CLUB ROAD	14	14
68+70	LT	RIDERS CLUB ROAD	12	12
68+85	LT	RIDERS CLUB ROAD	13	13
		PROJECT TOTALS	48	48

REMOVING PAVEMENT

STATION	TO	STATION	DIR	LOCATION	204.0100 REMOVING PAVEMENT SY
PROJECT 5991-02-57 CATEGORY 0010					
56+60	-	57+00	LT	RIDERS CLUB ROAD	43
			PROJECT TOTALS	0	43

REMOVING CURB AND GUTTER

STATION	DIR	LOCATION	204.0150 REMOVING CURB & GUTTER LF
PROJECT 5991-02-57 CATEGORY 0010			
23+80	RT	3RD AVE NORTH	34
23+90	LT	RIDERS CLUB ROAD	9
24+10	LT	RIDERS CLUB ROAD	12
24+60	RT	3RD AVE NORTH	10
27+20	RT	RED CEDAR COURT	21
27+60	RT	RED CEDAR COURT	21
27+70	LT	RIDERS CLUB ROAD	12
30+10	RT	4TH AVENUE NORTH	21
30+45	LT	RIDERS CLUB ROAD	11
30+55	RT	4TH AVENUE NORTH	29
30+70	LT	RIDERS CLUB ROAD	9
33+10	RT	RIDGEWAY AVE	20
33+35	LT	RIDERS CLUB ROAD	11
33+50	RT	RIDGEWAY AVE	30
33+65	LT	RIDERS CLUB ROAD	9
36+00	RT	EAST AVE NORTH	21
36+00	LT	EAST AVE NORTH	20
36+55	RT	EAST AVE NORTH	21
36+55	LT	EAST AVE NORTH	20
39+25	RT	JOHNSON ST	20
39+25	LT	JOHNSON ST	22
39+75	RT	JOHNSON ST	23
39+75	LT	JOHNSON ST	21
42+35	RT	PINE ST	20
42+25	LT	PINE ST	22
42+80	RT	PINE ST	21
42+80	LT	PINE ST	23
48+00	RT	CLIFFVIEW AVE	23
48+00	LT	CLIFFVIEW AVE	24
48+40	RT	CLIFFVIEW AVE	23
48+40	LT	CLIFFVIEW AVE	25
50+90	RT	OAK AVE NORTH	20
51+30	RT	OAK AVE NORTH	27
51+50	LT	RIDERS CLUB ROAD	9
54+00 TO 57+60	RT	RIDERS CLUB ROAD	361
54+00 TO 57+60	LT	RIDERS CLUB ROAD	351
57+65	LT	FRANKLIN ST	24
58+05	LT	FRANKLIN ST	10
59+50	RT	ENTRANCE DRIVE 1	27
60+50	RT	ENTRANCE DRIVE 1	29
69+0	RT	ENTRANCE DRIVE 2	27
		PROJECT TOTAL	1493

EXCAVATION COMMON

STATION	TO	STATION	LOCATION	205.0100 EXCAVATION COMMON CY
PROJECT 5991-00-54 CATEGORY 0010				
11+70	-	57+60	RIDERS CLUB	10040
57+60	-	71+00	RIDERS CLUB	3206
		EBS	UNDISTRIBUTED	1325
			PROJECT TOTALS	14571

REMOVING CONCRETE SIDEWALK

STATION	TO	STATION	DIR	LOCATION	204.0155 REMOVING CONCRETE SIDEWALK SY
PROJECT 5991-02-57 CATEGORY 0010					
12+23	-	12+33	LT	RIDERS CLUB ROAD	6
12+88	-	12+98	LT	RIDERS CLUB ROAD	6
13+53	-	13+63	LT	RIDERS CLUB ROAD	6
14+22	-	14+27	RT	RIDERS CLUB ROAD	3
15+09	-	15+19	LT	RIDERS CLUB ROAD	6
16+50	-	16+75	LT	RIDERS CLUB ROAD	14
16+50	-	16+75	RT	RIDERS CLUB ROAD	18
18+00	-	18+05	RT	RIDERS CLUB ROAD	3
18+50	-	18+70	LT	RIDERS CLUB ROAD	21
18+50	-	18+65	RT	RIDERS CLUB ROAD	14
18+94	-	19+04	RT	RIDERS CLUB ROAD	6
23+60	-	24+10	RT	RIDERS CLUB ROAD	36
23+80	-	24+00	LT	RIDERS CLUB ROAD	14
24+60	-	24+80	RT	RIDERS CLUB ROAD	18
26+48	-	26+58	RT	RIDERS CLUB ROAD	6
27+10	-	27+25	RT	RIDERS CLUB ROAD	14
27+60	-	27+80	LT	RIDERS CLUB ROAD	15
27+60	-	27+80	RT	RIDERS CLUB ROAD	17
28+46	-	28+56	LT	RIDERS CLUB ROAD	6
28+72	-	28+82	RT	RIDERS CLUB ROAD	6
30+00	-	30+20	RT	RIDERS CLUB ROAD	13
30+55	-	31+05	RT	RIDERS CLUB ROAD	36
30+60	-	30+70	LT	RIDERS CLUB ROAD	14
31+29	-	31+44	RT	RIDERS CLUB ROAD	9
31+79	-	31+94	LT	RIDERS CLUB ROAD	9
32+19	-	32+29	LT	RIDERS CLUB ROAD	6
32+40	-	32+50	RT	RIDERS CLUB ROAD	6
32+95	-	33+10	RT	RIDERS CLUB ROAD	13
33+50	-	33+90	RT	RIDERS CLUB ROAD	32
33+55	-	33+75	LT	RIDERS CLUB ROAD	14
34+83	-	34+98	LT	RIDERS CLUB ROAD	9
34+87	-	34+97	RT	RIDERS CLUB ROAD	6
35+48	-	35+63	LT	RIDERS CLUB ROAD	9
35+95	-	36+10	RT	RIDERS CLUB ROAD	16
35+95	-	36+10	LT	RIDERS CLUB ROAD	15
36+50	-	36+75	RT	RIDERS CLUB ROAD	18
36+50	-	36+75	LT	RIDERS CLUB ROAD	18
39+15	-	39+30	RT	RIDERS CLUB ROAD	12
39+15	-	39+30	LT	RIDERS CLUB ROAD	17
39+70	-	39+85	RT	RIDERS CLUB ROAD	15
39+70	-	39+85	LT	RIDERS CLUB ROAD	16
42+25	-	42+45	RT	RIDERS CLUB ROAD	12
42+25	-	42+45	LT	RIDERS CLUB ROAD	16
42+80	-	42+95	RT	RIDERS CLUB ROAD	13
42+80	-	42+95	LT	RIDERS CLUB ROAD	19
47+38	-	47+84	RT	RIDERS CLUB ROAD	6
47+65	-	48+00	LT	RIDERS CLUB ROAD	30
47+70	-	48+00	RT	RIDERS CLUB ROAD	25
48+35	-	48+55	LT	RIDERS CLUB ROAD	20
48+35	-	48+70	RT	RIDERS CLUB ROAD	29
50+75	-	50+95	RT	RIDERS CLUB ROAD	17
50+92	-	50+97	LT	RIDERS CLUB ROAD	3
51+35	-	51+50	RT	RIDERS CLUB ROAD	23
51+45	-	51+60	LT	RIDERS CLUB ROAD	14
51+83	-	51+88	LT	RIDERS CLUB ROAD	3
52+37	-	52+42	RT	RIDERS CLUB ROAD	3
57+50	-	57+70	LT	RIDERS CLUB ROAD	21
57+50	-	57+65	RT	RIDERS CLUB ROAD	13
58+05	-	58+25	LT	RIDERS CLUB ROAD	16
59+35	-	59+60	RT	RIDERS CLUB ROAD	13
60+45	-	60+80	RT	RIDERS CLUB ROAD	15
68+48	-	68+58	LT	RIDERS CLUB ROAD	6
68+78	-	68+88	LT	RIDERS CLUB ROAD	6
69+65	-	69+95	RT	RIDERS CLUB ROAD	14
				PROJECT TOTALS	875

REMOVING STORM SEWER

STATION	DIR	LOCATION	204.0220 REMOVING INLETS EACH	204.0245 REMOVING STORM SEWER (12-INCH) LF	611.9710 SALVAGED INLET COVERS EACH
PROJECT 5991-02-57 CATEGORY 0010					
55+65	RT	RIDERS CLUB ROAD	1	6	1
55+65	LT	RIDERS CLUB ROAD	1	6	1
		PROJECT TOTALS	2	12	2

BASE, SUBGRADE AGGREGATE, AND WATER

ZONE	STATION	TO	STATION	LOCATION	305.0120 BASE AGGREGATE DENSE 1 1/4-INCH TON	312.0110 SELECT CRUSHED MATERIAL TON*	624.0100 WATER MGAL**
PROJECT 5991-02-57 CATEGORY 0010							
1	11+70	-	54+00	RIDERS	12681		380.4
1	54+00	-	57+60	RIDERS	1392		41.8
2 (STAGE 1)	57+60	-	71+00	RIDERS	2436		73.1
2(STAGE 2)	57+60	-	71+00	RIDERS	2233		67.0
UNDISTRIBUTED				RIDERS		2384	
				PROJECT TOTALS	18742	2384	562.3

*FOR USE AT EBS LOCATIONS, ESTIMATED AT 1.8 TON/CY
**INCLUDES WATER FOR DUST CONTROL

CONCRETE DRIVEWAYS

STATION	TO	STATION	DIR	LOCATION	416.0160 CONCRETE DRIVEWAY 6-INCH SY
PROJECT 5991-02-57 CATEGORY 0010					
56+60	-	57+00	LT	RIDERS CLUB ROAD	43.0
				PROJECT TOTALS	43.0

ASPHALTIC ITEMS

ZONE	STATION	TO	STATION	LOCATION	460.2000 INCENTIVE DENSITY HMA PAVEMENT DOL	455.0605 TACK COAT GAL	460.5223 HMA PAVEMENT 3 LT 58-28 S TON	460.5224 HMA PAVEMENT 4 LT 58-28 S TON
	PROJECT 5991-02-57 CATEGORY 0010							
1	11+70	-	54+00	RIDERS	3410	1047	2664	2664
	54+00	-	57+60	RIDERS	300	91	231	231
2 (STAGE 1)	57+60	-	71+00	RIDERS	660	385	512	512
2 (STAGE 2)	57+60	-	71+00	RIDERS	610	385	469	469
				PROJECT TOTALS	4980	1908	3876	3876

CONCRETE CURB AND GUTTER

STATION	DIR	LOCATION	601.0411 CONCRETE CURB & GUTTER 30-INCH TYPE D LF
PROJECT 5991-02-57 CATEGORY 0010			
23+80	RT	3RD AVE NORTH	34
23+90	LT	RIDERS CLUB ROAD	9
24+10	LT	RIDERS CLUB ROAD	12
24+60	RT	3RD AVE NORTH	10
27+20	RT	RED CEDAR COURT	21
27+60	RT	RED CEDAR COURT	21
27+70	LT	RIDERS CLUB ROAD	12
30+10	RT	4TH AVENUE NORTH	21
30+45	LT	RIDERS CLUB ROAD	11
30+55	RT	4TH AVENUE NORTH	29
30+70	LT	RIDERS CLUB ROAD	9
33+10	RT	RIDGEWAY AVE	20
33+35	LT	RIDERS CLUB ROAD	11
33+50	RT	RIDGEWAY AVE	30
33+65	LT	RIDERS CLUB ROAD	9
36+00	RT	EAST AVE NORTH	21
36+00	LT	EAST AVE NORTH	20
36+55	RT	EAST AVE NORTH	21
36+55	LT	EAST AVE NORTH	20
39+25	RT	JOHNSON ST	20
39+25	LT	JOHNSON ST	22
39+75	RT	JOHNSON ST	23
39+75	LT	JOHNSON ST	21
42+35	RT	PINE ST	20
42+25	LT	PINE ST	22
42+80	RT	PINE ST	21
42+80	LT	PINE ST	23
48+00	RT	CLIFFVIEW AVE	23
48+00	LT	CLIFFVIEW AVE	24
48+40	RT	CLIFFVIEW AVE	23
48+40	LT	CLIFFVIEW AVE	25
50+90	RT	OAK AVE NORTH	20
51+30	RT	OAK AVE NORTH	27
51+50	LT	RIDERS CLUB ROAD	9
54+00 TO 57+60	RT	RIDERS CLUB ROAD	361
54+00 TO 57+60	LT	RIDERS CLUB ROAD	351
57+65	LT	FRANKLIN ST	24
58+05	LT	FRANKLIN ST	10
59+50	RT	ENTRANCE DRIVE 1	27
60+50	RT	ENTRANCE DRIVE 1	29
69+00	RT	ENTRANCE DRIVE 2	27
		PROJECT TOTAL	1493

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CONCRETE SIDEWALK

STATION	TO	STATION	DIR	LOCATION	602.0405 CONCRETE SIDEWALK 4-INCH SF
PROJECT 5991-02-57 CATEGORY 0010					
12+23	-	12+33	LT	RIDERS CLUB ROAD	50
12+88	-	12+98	LT	RIDERS CLUB ROAD	50
13+53	-	13+63	LT	RIDERS CLUB ROAD	50
14+22	-	14+27	RT	RIDERS CLUB ROAD	25
15+09	-	15+19	LT	RIDERS CLUB ROAD	50
16+50	-	16+75	LT	RIDERS CLUB ROAD	123
16+50	-	16+75	RT	RIDERS CLUB ROAD	155
18+00	-	18+05	RT	RIDERS CLUB ROAD	25
18+50	-	18+70	LT	RIDERS CLUB ROAD	182
18+50	-	18+65	RT	RIDERS CLUB ROAD	122
18+94	-	19+04	RT	RIDERS CLUB ROAD	50
23+60	-	24+10	RT	RIDERS CLUB ROAD	316
23+80	-	24+00	LT	RIDERS CLUB ROAD	120
24+60	-	24+80	RT	RIDERS CLUB ROAD	156
26+48	-	26+58	RT	RIDERS CLUB ROAD	50
27+10	-	27+25	RT	RIDERS CLUB ROAD	118
27+60	-	27+80	LT	RIDERS CLUB ROAD	127
27+60	-	27+80	RT	RIDERS CLUB ROAD	147
28+46	-	28+56	LT	RIDERS CLUB ROAD	50
28+72	-	28+82	RT	RIDERS CLUB ROAD	50
30+00	-	30+20	RT	RIDERS CLUB ROAD	111
30+55	-	31+05	RT	RIDERS CLUB ROAD	322
30+60	-	30+70	LT	RIDERS CLUB ROAD	120
31+29	-	31+44	RT	RIDERS CLUB ROAD	75
31+79	-	31+94	LT	RIDERS CLUB ROAD	75
32+19	-	32+29	LT	RIDERS CLUB ROAD	50
32+40	-	32+50	RT	RIDERS CLUB ROAD	50
32+95	-	33+10	RT	RIDERS CLUB ROAD	110
33+50	-	33+90	RT	RIDERS CLUB ROAD	284
33+55	-	33+75	LT	RIDERS CLUB ROAD	121
34+83	-	34+98	LT	RIDERS CLUB ROAD	75
34+87	-	34+97	RT	RIDERS CLUB ROAD	50
35+48	-	35+63	LT	RIDERS CLUB ROAD	75
35+95	-	36+10	RT	RIDERS CLUB ROAD	138
35+95	-	36+10	LT	RIDERS CLUB ROAD	127
36+50	-	36+75	RT	RIDERS CLUB ROAD	159
36+50	-	36+75	LT	RIDERS CLUB ROAD	157
39+15	-	39+30	RT	RIDERS CLUB ROAD	105
39+15	-	39+30	LT	RIDERS CLUB ROAD	150
39+70	-	39+85	RT	RIDERS CLUB ROAD	134
39+70	-	39+85	LT	RIDERS CLUB ROAD	144
42+25	-	42+45	RT	RIDERS CLUB ROAD	108
42+25	-	42+45	LT	RIDERS CLUB ROAD	143
42+80	-	42+95	RT	RIDERS CLUB ROAD	114
42+80	-	42+95	LT	RIDERS CLUB ROAD	169
47+38	-	47+84	RT	RIDERS CLUB ROAD	50
47+65	-	48+00	LT	RIDERS CLUB ROAD	267
47+70	-	48+00	RT	RIDERS CLUB ROAD	217
48+35	-	48+55	LT	RIDERS CLUB ROAD	177
48+35	-	48+70	RT	RIDERS CLUB ROAD	254
50+75	-	50+95	RT	RIDERS CLUB ROAD	145
50+92	-	50+97	LT	RIDERS CLUB ROAD	25
51+35	-	51+50	RT	RIDERS CLUB ROAD	203
51+45	-	51+60	LT	RIDERS CLUB ROAD	121
51+83	-	51+88	LT	RIDERS CLUB ROAD	25
52+37	-	52+42	RT	RIDERS CLUB ROAD	25
56+60	-	57+00	LT	RIDERS CLUB ROAD	175
57+50	-	57+70	LT	RIDERS CLUB ROAD	185
57+50	-	57+65	RT	RIDERS CLUB ROAD	117
58+05	-	58+25	LT	RIDERS CLUB ROAD	142
59+35	-	59+60	RT	RIDERS CLUB ROAD	117
60+45	-	60+80	RT	RIDERS CLUB ROAD	129
68+48	-	68+58	LT	RIDERS CLUB ROAD	50
68+78	-	68+88	LT	RIDERS CLUB ROAD	50
69+65	-	69+95	RT	RIDERS CLUB ROAD	119
				PROJECT TOTALS	7775

CURB RAMP DETECTABLE WARNING FIELD

STATION	DIR	LOCATION	602.0515 CURB RAMP DETECTABLE WARNING FIELD NATURAL PATINA SF	602.0615 CURB RAMP DETECTABLE WARNING FIELD RADIAL NATURAL PATINA SF
PROJECT 5991-02-57 CATEGORY 0010				
16+70	LT	RIDERS CLUB ROAD	20	
16+70	RT	RIDERS CLUB ROAD	10	
18+55	RT	RIDERS CLUB ROAD	10	
18+65	LT	RIDERS CLUB ROAD	10	
23+90	RT	RIDERS CLUB ROAD	10	
23+90	LT	RIDERS CLUB ROAD	10	
24+00	RT	RIDERS CLUB ROAD	10	
24+65	RT	RIDERS CLUB ROAD	10	
27+20	RT	RIDERS CLUB ROAD	10	
27+65	RT	RIDERS CLUB ROAD	20	
27+65	LT	RIDERS CLUB ROAD	10	
30+15	RT	RIDERS CLUB ROAD	10	
30+55	RT	RIDERS CLUB ROAD	10	
30+70	RT	RIDERS CLUB ROAD	10	
30+70	LT	RIDERS CLUB ROAD	10	
33+10	RT	RIDERS CLUB ROAD	10	
33+50	RT	RIDERS CLUB ROAD	10	
33+65	RT	RIDERS CLUB ROAD	10	
33+65	LT	RIDERS CLUB ROAD	10	
36+00	RT	RIDERS CLUB ROAD	20	
36+00	LT	RIDERS CLUB ROAD	20	
36+60	RT	RIDERS CLUB ROAD	20	
36+60	LT	RIDERS CLUB ROAD	20	
39+25	RT	RIDERS CLUB ROAD	20	
39+25	LT	RIDERS CLUB ROAD	20	
39+75	RT	RIDERS CLUB ROAD	20	
39+75	LT	RIDERS CLUB ROAD	20	
42+35	RT	RIDERS CLUB ROAD	20	
42+35	LT	RIDERS CLUB ROAD	20	
42+85	RT	RIDERS CLUB ROAD	20	
42+85	LT	RIDERS CLUB ROAD	20	
47+90	RT	RIDERS CLUB ROAD	20	
47+90	LT	RIDERS CLUB ROAD	20	
48+45	RT	RIDERS CLUB ROAD	20	
48+45	LT	RIDERS CLUB ROAD	20	
50+85	RT	RIDERS CLUB ROAD	10	
54+45	RT	RIDERS CLUB ROAD	10	
51+50	RT	RIDERS CLUB ROAD	10	
51+50	LT	RIDERS CLUB ROAD	10	
57+55	RT	RIDERS CLUB ROAD	10	
57+55	LT	RIDERS CLUB ROAD	20	
58+10	LT	RIDERS CLUB ROAD	10	
59+50	RT	RIDERS CLUB ROAD		23.2
60+60	RT	RIDERS CLUB ROAD		29.4
69+80	RT	RIDERS CLUB ROAD		24.0
		PROJECT TOTALS	610	76.6

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ADJUSTING UTILITIES

STATION	TO	STATION	LOCATION	611.8110 ADJUSTING MANHOLE COVERS EACH	611.8105 ADJUSTING INLET COVERS EACH	SPV.0900.02 EXISTING VALVE BOX ADJUSTMENT EACH
PROJECT 5991-02-57 CATEGORY 0010						
11+70		24+25	RIDERS CLUB ROAD	3	6	
24+25		27+40	RIDERS CLUB ROAD	1	1	
27+40		30+35	RIDERS CLUB ROAD	2	2	
30+35		33+30	RIDERS CLUB ROAD	1	2	
33+30		36+30	RIDERS CLUB ROAD	0	--	
36+30		39+50	RIDERS CLUB ROAD	0	--	
39+50		42+60	RIDERS CLUB ROAD	0	--	
42+60		48+20	RIDERS CLUB ROAD	1	--	
48+20		51+15	RIDERS CLUB ROAD	0	--	
51+15		57+85	RIDERS CLUB ROAD	2	8	
57+85		60+00	RIDERS CLUB ROAD	0	1	
60+00		72+78.53	RIDERS CLUB ROAD	6	8	
PROJECT 5991-02-57 CATEGORY 0020						
11+70		24+25	RIDERS CLUB ROAD	7		
24+25		27+40	RIDERS CLUB ROAD	2		
27+40		30+35	RIDERS CLUB ROAD	2		
30+35		33+30	RIDERS CLUB ROAD	2		
33+30		36+30	RIDERS CLUB ROAD	3		
36+30		39+50	RIDERS CLUB ROAD	4		
39+50		42+60	RIDERS CLUB ROAD	4		
42+60		48+20	RIDERS CLUB ROAD	3		
48+20		51+15	RIDERS CLUB ROAD	4		
51+15		57+85	RIDERS CLUB ROAD	3		
57+85		60+00	RIDERS CLUB ROAD	1		
60+00		72+78.53	RIDERS CLUB ROAD	8		2
			PROJECT TOTALS	59	28	2

STORM SEWER

STATION	DIR	OFFSET TO FLOWLINE	LOCATION	608.0312 SSPRC CLASS III 12-INCH LF	611.3230 INLETS 2X3-FT EACH
PROJECT 5991-02-57 CATEGORY 0010					
55+61.1	RT	23.0'	RIDERS CLUB ROAD	8	1
55+64.5	LT	23.0'	RIDERS CLUB ROAD	8	1
			PROJECT TOTALS	16	2

SEE REMOVING STORM SEWER TABLE FOR SALVAGED INLET COVERS

LANDSCAPING ITEMS

STATION	TO	STATION	DIR	LOCATION	625.0100 TOPSOIL SY	627.0200 MULCHING SY	628.1905 MOBILIZATION EROSION CONTROL EACH	628.1910 MOBILIZATION EMERGENCY EROSION CONTROL EACH	629.0210 FERTILIZER TYP B CWT	630.0140 SEEDING MIXTURE NO. 40 LB
PROJECT 5991-00-54 CATEGORY 0010										
12+23	-	12+33	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
12+88	-	12+98	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
13+53	-	13+63	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
14+22	-	14+27	RT	RIDERS CLUB ROAD	1	1			0.01	0.02
15+09	-	15+19	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
16+50	-	16+75	LT	RIDERS CLUB ROAD	6	6			0.01	0.1
16+50	-	16+75	RT	RIDERS CLUB ROAD	6	6			0.01	0.1
18+00	-	18+05	RT	RIDERS CLUB ROAD	1	1			0.01	0.02
18+50	-	18+70	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
18+50	-	18+65	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
18+94	-	19+04	RT	RIDERS CLUB ROAD	2	2			0.01	0.04
23+60	-	24+10	RT	RIDERS CLUB ROAD	11	11			0.01	0.2
23+80	-	24+00	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
24+60	-	24+80	RT	RIDERS CLUB ROAD	4	4			0.01	0.08
26+48	-	26+58	RT	RIDERS CLUB ROAD	2	2			0.01	0.04
27+10	-	27+25	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
27+60	-	27+80	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
27+60	-	27+80	RT	RIDERS CLUB ROAD	4	4			0.01	0.08
28+46	-	28+56	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
28+72	-	28+82	RT	RIDERS CLUB ROAD	2	2			0.01	0.04
30+00	-	30+20	RT	RIDERS CLUB ROAD	4	4			0.01	0.08
30+55	-	31+05	RT	RIDERS CLUB ROAD	2	2			0.01	0.04
30+60	-	30+70	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
31+29	-	31+44	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
31+79	-	31+94	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
32+19	-	32+29	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
32+40	-	32+50	RT	RIDERS CLUB ROAD	2	2			0.01	0.04
32+95	-	33+10	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
33+50	-	33+90	RT	RIDERS CLUB ROAD	9	9			0.01	0.16
33+55	-	33+75	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
34+83	-	34+98	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
34+87	-	34+97	RT	RIDERS CLUB ROAD	2	2			0.01	0.04
35+48	-	35+63	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
35+95	-	36+10	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
35+95	-	36+10	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
36+50	-	36+75	RT	RIDERS CLUB ROAD	6	6			0.01	0.1
36+50	-	36+75	LT	RIDERS CLUB ROAD	6	6			0.01	0.1
39+15	-	39+30	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
39+15	-	39+30	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
39+70	-	39+85	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
39+70	-	39+85	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
42+25	-	42+45	RT	RIDERS CLUB ROAD	4	4			0.01	0.08
42+25	-	42+45	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
42+80	-	42+95	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
42+80	-	42+95	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
47+38	-	47+84	RT	RIDERS CLUB ROAD	10	10			0.01	0.184
47+65	-	48+00	LT	RIDERS CLUB ROAD	8	8			0.01	0.14
47+70	-	48+00	RT	RIDERS CLUB ROAD	7	7			0.01	0.12
48+35	-	48+55	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
48+35	-	48+70	RT	RIDERS CLUB ROAD	6	6			0.01	0.1
50+75	-	50+95	RT	RIDERS CLUB ROAD	4	4			0.01	0.08
50+92	-	50+97	LT	RIDERS CLUB ROAD	1	1			0.01	0.02
51+35	-	51+50	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
51+45	-	51+60	LT	RIDERS CLUB ROAD	3	3			0.01	0.06
51+83	-	51+88	LT	RIDERS CLUB ROAD	1	1			0.01	0.02
52+37	-	52+42	RT	RIDERS CLUB ROAD	1	1			0.01	0.02
56+60	-	57+00	LT	RIDERS CLUB ROAD	9	9			0.01	0.16
57+50	-	57+70	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
57+50	-	57+65	RT	RIDERS CLUB ROAD	3	3			0.01	0.06
58+05	-	58+25	LT	RIDERS CLUB ROAD	4	4			0.01	0.08
59+35	-	59+60	RT	RIDERS CLUB ROAD	6	6			0.01	0.1
60+45	-	60+80	RT	RIDERS CLUB ROAD	8	8			0.01	0.14
68+48	-	68+58	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
68+78	-	68+88	LT	RIDERS CLUB ROAD	2	2			0.01	0.04
69+65	-	69+95	RT	RIDERS CLUB ROAD	7	7			0.01	0.12
				UNDISTRIBUTED	65	65	2	2	0.16	1.2
				PROJECT TOTALS	323	323	2	2	0.81	5.81

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INLET PROTECTION

STATION	DIR	LOCATION OR STRUCTURE NUMBER	628.7015 INLET PROTECTION TYPE C EACH
PROJECT 5991-02-57 CATEGORY 0020			
15+00	RT	EXIST RIDERS CLUB ROAD	2
15+00	LT	EXIST RIDERS CLUB ROAD	2
19+00	RT	EXIST RIDERS CLUB ROAD	1
19+00	LT	EXIST RIDERS CLUB ROAD	1
27+25	RT	EXIST RIDERS CLUB ROAD	1
30+15	RT	EXIST RIDERS CLUB ROAD	1
30+15	LT	EXIST RIDERS CLUB ROAD	1
30+55	RT	EXIST RIDERS CLUB ROAD	1
30+55	LT	EXIST RIDERS CLUB ROAD	1
53+15	LT	EXIST RIDERS CLUB ROAD	1
53+50	RT	EXIST RIDERS CLUB ROAD	1
50+90	RT	EXIST RIDERS CLUB ROAD	1
51+30	RT	EXIST RIDERS CLUB ROAD	1
55+60	RT	EXIST RIDERS CLUB ROAD	1
55+60	LT	EXIST RIDERS CLUB ROAD	1
57+60	LT	EXIST RIDERS CLUB ROAD	1
57+80	RT	EXIST RIDERS CLUB ROAD	1
58+10	LT	EXIST RIDERS CLUB ROAD	1
61+20	RT	EXIST RIDERS CLUB ROAD	1
61+20	LT	EXIST RIDERS CLUB ROAD	1
64+20	LT	EXIST RIDERS CLUB ROAD	1
64+25	RT	EXIST RIDERS CLUB ROAD	1
68+00	RT	EXIST RIDERS CLUB ROAD	1
68+00	LT	EXIST RIDERS CLUB ROAD	1
70+20	LT	EXIST RIDERS CLUB ROAD	1
70+60	RT	EXIST RIDERS CLUB ROAD	1
		PROJECT TOTALS	28

SIGNING ITEMS

ZONE	SIGN NUMBER	LOCATION	SIGN CODE	SIZE	638.2602	638.3000	634.0614	634.0616	637.2210
PROJECT 5991-02-57 CATEGORY 0010									
1	1-00	RIDERS CLUB ROAD	R7-53-4	18X24			1		3.00
	1-01R	RIDERS CLUB ROAD	REMOVE		1	1			
	1-02	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
	1-03	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	1-04	RIDERS CLUB ROAD	R7-52L	18X24			1		3.00
	1-05	RIDERS CLUB ROAD	R7-52R	18X24			1		3.00
	2-00R	RIDERS CLUB ROAD	REMOVE		1	1			
	2-01	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	2-02R	RIDERS CLUB ROAD	REMOVE		1	1			
	2-03	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	2-04	RIDERS CLUB ROAD	R7-52L	18X24			1		3.00
	2-05	RIDERS CLUB ROAD	R7-52R	18X24			1		3.00
	2-06R	RIDERS CLUB ROAD	REMOVE		1	1			
	2-07	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	3-00	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	3-01	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	3-02R	3RD AVENUE NORTH	REMOVE		1	1			
	3-03	3RD AVENUE NORTH	R1-1	30x30			1		5.18
	3-04	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	3-05	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	4-00	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	4-01R	RED CEDAR COURT	REMOVE		1	1			
	4-02	RED CEDAR COURT	R1-1	30x30			1		5.18
	4-03	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	4-04R	RIDERS CLUB ROAD	REMOVE		1	1			
	4-05	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
	4-06	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	4-07	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	4-08R	4TH AVE NORTH	REMOVE		1	1			
	4-09	4TH AVE NORTH	R1-1	30X30			1		5.18
	4-10	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	5-00	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	5-01	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	5-02R	RIDGEWAY AVE	REMOVE		1	1			
	5-03	RIDGEWAY AVE	R1-1	30X30			1		5.18
	5-04R	RIDERS CLUB ROAD	REMOVE		1	1			
	5-05	RIDERS CLUB ROAD	W3-1	30X30			1		6.25
	5-06	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	5-07	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	5-08	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	5-09R	RIDERS CLUB ROAD	REMOVE		1	1			
	5-10	RIDERS CLUB ROAD	R5-2	24X24			1		4.00
	5-11R	RIDERS CLUB ROAD	REMOVE		1	2			
	5-12	RIDERS CLUB ROAD	R1-1	48X48				2	13.25
	5-12	RIDERS CLUB ROAD	W4-4P	42X18					5.25
	5-13R	RIDERS CLUB ROAD	REMOVE		1	2			
	5-14	RIDERS CLUB ROAD	R1-1	36X36				2	13.25
	5-14	RIDERS CLUB ROAD	W4-4P	36X15					5.25
	5-15	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	5-16R	RIDERS CLUB ROAD	REMOVE		1	1			
	5-17	RIDERS CLUB ROAD	R14-1	24X18			1		3.00
	5-18R	RIDERS CLUB ROAD	REMOVE		1	1			
	5-19	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
	6-00	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	6-01	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	6-02R	JOHNSON STREET	REMOVE		1	1			
	6-03	JOHNSON STREET	R1-1	30X30			1		5.18
	6-04R	JOHNSON STREET	REMOVE		1	1			
	6-05	JOHNSON STREET	R1-1	30X30			1		5.18
	6-06	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	6-07R	RIDERS CLUB ROAD	REMOVE		1	1			
	6-08	RIDERS CLUB ROAD	W3-1	30X30			1		6.25
	6-09	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	6-10	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	6-11R	PINE STREET	REMOVE		1	1			
	6-12	PINE STREET	R1-1	30X30			1		5.18
	6-13R	PINE STREET	REMOVE		1	1			
	6-14	PINE STREET	R1-1	30X30			1		5.18
	6-15	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	7-00	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	7-01	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	7-02R	RIDERS CLUB ROAD	REMOVE		1	1			
	7-03	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
	7-04R	CLIFFVIEW AVE NORTH	REMOVE		1	1			
	7-05	CLIFFVIEW AVE NORTH	R1-1	30X30			1		5.18
	7-06R	CLIFFVIEW AVE NORTH	REMOVE		1	1			
	7-07	CLIFFVIEW AVE NORTH	R1-1	30X30			1		5.18
	7-08	RIDERS CLUB ROAD	R7-51R	18X24			1		3.00
	8-00	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	8-01	RIDERS CLUB ROAD	R7-51L	18X24			1		3.00
	8-02R	OAK AVE NORTH	REMOVE		1	1			
	8-03	OAK AVE NORTH	R1-1	36X36			1		9.00
	8-04	RIDERS CLUB ROAD	R7-53L	18X24			1		7.46
	8-05R	RIDERS CLUB ROAD	REMOVE		1	1			
	8-06R	RIDERS CLUB ROAD	REMOVE		1	1			
	8-07	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
				SUBTOTALS	26	28	56	4	252.76

SIGNING ITEMS CONT.

ZONE	SIGN NUMBER	LOCATION	SIGN CODE	SIZE	638.2602	638.3000	634.0614	634.0616	637.2210
PROJECT 5991-02-57 CATEGORY 0010									
1	9-00R	RIDERS CLUB ROAD	REMOVE		1	1			
	9-01	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
	9-02R	RIDERS CLUB ROAD	REMOVE		1	1			
	9-03	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	9-04R	RIDERS CLUB ROAD	REMOVE		1	1			
	9-05	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
2	9-06R	FRANKLIN STREET	REMOVE		1	1			
	9-07	FRANKLIN STREET	R1-1	36X36			1		7.46
	9-08	RIDERS CLUB ROAD	R3-9-B	24X36			1		6.00
	9-09	RIDERS CLUB ROAD	R3-9-B	24X36			1		4.00
	10-00R	RIDERS CLUB ROAD	REMOVE		1	1			
	10-01	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
	10-02R	RIDERS CLUB ROAD	REMOVE		1	1			
	10-03	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	10-04	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	10-05	RIDERS CLUB ROAD	R3-9-B	24X36			1		6.00
	10-06	RIDERS CLUB ROAD	R3-9-B	24X36			1		6.00
	11-00R	RIDERS CLUB ROAD	REMOVE		1	1			
	11-01	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
	11-02R	RIDERS CLUB ROAD	REMOVE		1	1			
	11-03	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	11-04	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	11-05R	RIDERS CLUB ROAD	REMOVE		1	1			
	11-06	RIDERS CLUB ROAD	W2-6	30X30				1	6.25
	11-06	RIDERS CLUB ROAD	W2-6P	30X16					3.33
	11-06	RIDERS CLUB ROAD	W13-1	18X18					2.25
	12-00R	RIDERS CLUB ROAD	REMOVE		1	1			
	12-01	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	12-02	RIDERS CLUB ROAD	R3-9-C	24X6			1		1.00
	12-02	RIDERS CLUB ROAD	R3-9-B	24X36					6.00
	12-03R	RIDERS CLUB ROAD	REMOVE		1	1			
	12-04	RIDERS CLUB ROAD	W3-2	36X36			1		9.00
	12-05R	RIDERS CLUB ROAD	REMOVE		1	1			
	12-06	RIDERS CLUB ROAD	R3-9-D	24X6			1		1.00
	12-06	RIDERS CLUB ROAD	R3-9-B	24X36					6.00
	12-07	RIDERS CLUB ROAD	R7-53D	18X24			1		3.00
	12-08R	RIDERS CLUB ROAD	REMOVE		1	1			
	12-09	RIDERS CLUB ROAD	R2-1	24X30			1		5.00
				SUBTOTALS	13	13	20	1	108.29
				PROJECT TOTALS	39	41	76	5	361.05

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TRAFFIC CONTROL

ZONE	LOCATION	APPROX. SERVICE PERIOD DAYS	643.0410 TRAFFIC CONTROL BARRICADES TYPE II NO.	643.0410 TRAFFIC CONTROL BARRICADES TYPE II DAYS	643.0420 TRAFFIC CONTROL BARRICADES TYPE III NO.	643.0420 TRAFFIC CONTROL BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A NO.	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0900 TRAFFIC CONTROL SIGNS NO.	643.0900 TRAFFIC CONTROL SIGNS DAYS	643.1050 TRAFFIC CONTROL SIGNS PCMS NO.	643.1050 TRAFFIC CONTROL SIGNS PCMS DAYS	643.1070 TRAFFIC CONTROL CONES 42-INCH NO.	643.1070 TRAFFIC CONTROL CONES 42-INCH DAYS	643.5000 TRAFFIC CONTROL
PROJECT 5991-02-57 CATEGORY 0010															
	PROJECT														1
1	STA 11+70	58	2	29	9	522	20	1160	8	464	1	3			
	3RD AVE N	58	2	29	9	522	22	1276	7	406					
	RED CEDAR CT	58	2	29	5	290	10	580	3	174					
	4TH AVE N	58	2	29	5	290	10	580	3	174					
	RIDGEWAY AVE	58	2	29	5	290	10	580	3	174					
	EAST AVE	58	4	58	14	812	32	1856	10	580					
	JOHNSON ST	58	4	58	10	580	20	1160	6	348					
	PINE ST	58	4	58	10	580	20	1160	6	348					
	CLIFFVIEW AVE N	58	4	58	10	580	20	1160	6	348					
	OAK AVE N	58	2	29	9	522	22	1276	7	406					
	STA 57+50	58	2	29	11	638	22	1276	10	580					
2 STAGE 1	FRANKLIN ST	16	2	8	9	144	22	352	10	160			34	544	
	STA 72+78.53	16	2	8	5	80	10	160	8	128					
2 STAGE 2	FRANKLIN ST	16	2	8	9	144	22	352	10	160			34	544	
	STA 72+78.53	16	2	8	5	80	10	160	8	128	1	3			
PROJECT TOTALS				467		6074		13088		4578		6		1088	1

PEDESTRIAN ACCOMMODATION

STATION	DIR	CROSSING LOCATION	644.1420.S TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF	644.1601.S TEMPORARY CURB RAMP EACH
PROJECT 5991-00-57 CATEGORY 0010				
11+65	LT/RT	CROSSING RIDERS CLUB		2
23+80		CROSSING RIDERS CLUB	152	2
36+30	LT/RT	CROSSING EAST AVE NORTH		4
36+00		CROSSING RIDERS CLUB	152	2
51+15	RT	CROSSING OAK AVE NORTH		2
51+00		CROSSING RIDERS CLUB	152	2
57+50		CROSSING RIDERS CLUB	204	2
57+85 LT		CROSSING FRANKLIN ST		2
		PROJECT TOTAL	660	18

PAVEMENT MARKING

STATION	TO	STATION	ROADWAY	646.1020 MARKING LINE EPOXY 4-INCH (YELLOW, SKIP) LF	646.1020 MARKING LINE EPOXY 4-INCH (WHITE) LF	646.3020 MARKING LINE EPOXY 8-INCH LF	646.5020 MARKING ARROW EPOXY EACH	646.5220 MARKING SYMBOL EPOXY EACH	646.5120 MARKING WORD EPOXY EACH	646.6120 MARKING STOP LINE EPOXY 18-INCH 18-INCH LF	646.7120 MARKING DIAGONAL EPOXY 12-INCH LF	646.7420 MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH LF	646.9000 MARKING REMOVAL LINE 4-INCH LF	649.0105 TEMPORARY MARKING LINE PAINT 4-INCH LF	646.0150 TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH LF
PROJECT 5991-02-57 CATEGORY 0010															
11+70		24+25	RIDERS CLUB ROAD	312.5	3651	--	2	2	--	--	--	335	--	--	--
24+25		27+40	RIDERS CLUB ROAD	62.5	771	--	1	1	--	--	--	68	--	--	--
27+40		30+35	RIDERS CLUB ROAD	62.5	758	--	1	1	--	--	--	147	--	--	--
30+35		33+30	RIDERS CLUB ROAD	62.5	747	--	0	0	2	--	--	144	--	--	--
33+30		36+30	RIDERS CLUB ROAD	62.5	708	--	1	1	--	20	--	332	--	--	--
36+30		39+50	RIDERS CLUB ROAD	75	763	--	1	1	--	20	--	305	--	--	--
39+50		42+60	RIDERS CLUB ROAD	62.5	750	--	0	0	2	--	--	304	--	--	--
42+60		48+20	RIDERS CLUB ROAD	125	1485	--	2	2	--	--	--	294	--	--	--
48+20		51+15	RIDERS CLUB ROAD	62.5	725	--	1	1	--	--	--	154	--	--	--
51+15		57+85	RIDERS CLUB ROAD	75	1663	--	4	2	--	--	29	234	--	--	--
57+85		60+00	RIDERS CLUB ROAD	100	721	100	3	1	--	--	--	182	215	--	--
60+00		72+78.53	RIDERS CLUB ROAD	562.5	4051	--	9	3	--	--	--	171	1279	2558	2558
			PROJECT TOTALS	1625	16793	100	25	15	4	40	29	2670	1494	2558	2558

CONSTRUCTION STAKING

STATION	TO	STATION	LOCATION	650.4500 CONSTRUCTION STAKING SUBGRADE LF	650.5000 CONSTRUCTION STAKING BASE LF	650.5500 CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF	650.9000 CONSTRUCTION STAKING CURB RAMPS EA	650.9910 CONSTRUCTION STAKING SUPPLEMENTAL CONTROL (PROJECT) 01. 5991-02-57 LS
PROJECT 5991-02-57 CATEGORY 0010								
11+70	-	72+78.53	RIDERS CLUB ROAD	6109	6109			1
		16+50	RIDERS CLUB ROAD				3	
		18+50	RIDERS CLUB ROAD				2	
		23+80	3RD AVE NORTH			33	3	
		23+90	RIDERS CLUB ROAD			9		
		24+10	RIDERS CLUB ROAD			11		
		24+60	3RD AVE NORTH			10	1	
		27+20	RED CEDAR COURT			20	1	
		27+60	RED CEDAR COURT			21	3	
		27+70	RIDERS CLUB ROAD			12		
		30+10	4TH AVENUE NORTH			20	1	
		30+45	RIDERS CLUB ROAD			11		
		30+55	4TH AVENUE NORTH			29	3	
		30+70	RIDERS CLUB ROAD			9		
		33+10	RIDGEWAY AVE			19	1	
		33+35	RIDERS CLUB ROAD			11	3	
		33+50	RIDGEWAY AVE			29		
		33+65	RIDERS CLUB ROAD			9		
		36+00	EAST AVE NORTH			21	2	
		36+00	EAST AVE NORTH			20		
		36+55	EAST AVE NORTH			21	2	
		36+55	EAST AVE NORTH			20		
		39+25	JOHNSON ST			20	2	
		39+25	JOHNSON ST			22		
		39+75	JOHNSON ST			23	2	
		39+75	JOHNSON ST			21		
		42+35	PINE ST			20	2	
		42+25	PINE ST			21		
		42+80	PINE ST			21	2	
		42+80	PINE ST			23		
		48+00	CLIFFVIEW AVE			22	2	
		48+00	CLIFFVIEW AVE			24		
		48+40	CLIFFVIEW AVE			23	2	
		48+40	CLIFFVIEW AVE			25		
		50+90	OAK AVE NORTH			20	1	
		51+30	OAK AVE NORTH			27	3	
		51+50	RIDERS CLUB ROAD			9		
		54+00 TO	RIDERS CLUB ROAD			361		
		54+00 TO	RIDERS CLUB ROAD			351		
		57+65	FRANKLIN ST			23	3	
		58+05	FRANKLIN ST			10	1	
		59+50	ENTRANCE DRIVE 1			27	1	
		60+50	ENTRANCE DRIVE 1			29	1	
		69+00	ENTRANCE DRIVE 2			27	1	
			PROJECT TOTALS	6109	6109	1480	48	1

SAWCUTS

STATION	TO	STATION	DIR	LOCATION	690.0150 SAWING ASPHALT LF	690.0250 SAWING CONCRETE LF
PROJECT 5991-02-57 CATEGORY 0010						
11+70				BEGIN: RIDERS CLUB ROAD	40	
24+25				3RD AVENUE NORTH	35	
27+50				RED CEDAR COURT	35	
30+25				4TH AVENUE NORTH	35	
33+25				RIDGEWAY AVENUE	35	
36+25				EAST AVENUE NORTH	85	
39+50				JOHNSON STREET	70	
42+60				PINE STREET	70	
48+25				CLIFFVIEW AVENUE NORTH	70	
51+10				OAK AVENUE NORTH	40	
57+50				RIDERS CLUB ROAD	42	
57+80				FRANKLIN STREET	35	
60+00				TO MENARDS	75	
70+25				TO MENARDS	65	
71+00				END: RIDERS CLUB ROAD	45	
57+50	-	71+00	CL	ZONE 2, STAGE 1 CL	1350	
12+23	-	12+33	LT	RIDERS CLUB ROAD		10
12+88	-	12+98	LT	RIDERS CLUB ROAD		10
13+53	-	13+63	LT	RIDERS CLUB ROAD		10
14+22	-	14+27	RT	RIDERS CLUB ROAD		10
15+09	-	15+19	LT	RIDERS CLUB ROAD		10
16+50	-	16+75	LT	RIDERS CLUB ROAD		10
16+50	-	16+75	RT	RIDERS CLUB ROAD		10
18+00	-	18+05	RT	RIDERS CLUB ROAD		10
18+50	-	18+70	LT	RIDERS CLUB ROAD		10
18+50	-	18+65	RT	RIDERS CLUB ROAD		10
18+94	-	19+04	RT	RIDERS CLUB ROAD		10
23+60	-	24+10	RT	RIDERS CLUB ROAD		10
23+80	-	24+00	LT	RIDERS CLUB ROAD		10
24+60	-	24+80	RT	RIDERS CLUB ROAD		10
26+48	-	26+58	RT	RIDERS CLUB ROAD		10
27+10	-	27+25	RT	RIDERS CLUB ROAD		10
27+60	-	27+80	LT	RIDERS CLUB ROAD		10
27+60	-	27+80	RT	RIDERS CLUB ROAD		10
28+46	-	28+56	LT	RIDERS CLUB ROAD		10
28+72	-	28+82	RT	RIDERS CLUB ROAD		10
30+00	-	30+20	RT	RIDERS CLUB ROAD		10
30+55	-	31+05	RT	RIDERS CLUB ROAD		10
30+60	-	30+70	LT	RIDERS CLUB ROAD		10
31+29	-	31+44	RT	RIDERS CLUB ROAD		10
31+79	-	31+94	LT	RIDERS CLUB ROAD		10
32+19	-	32+29	LT	RIDERS CLUB ROAD		10
32+40	-	32+50	RT	RIDERS CLUB ROAD		10
32+95	-	33+10	RT	RIDERS CLUB ROAD		10
33+50	-	33+90	RT	RIDERS CLUB ROAD		10
33+55	-	33+75	LT	RIDERS CLUB ROAD		10
34+83	-	34+98	LT	RIDERS CLUB ROAD		10
34+87	-	34+97	RT	RIDERS CLUB ROAD		10
35+48	-	35+63	LT	RIDERS CLUB ROAD		10
35+95	-	36+10	RT	RIDERS CLUB ROAD		10
35+95	-	36+10	LT	RIDERS CLUB ROAD		10
36+50	-	36+75	RT	RIDERS CLUB ROAD		10
36+50	-	36+75	LT	RIDERS CLUB ROAD		10
39+15	-	39+30	RT	RIDERS CLUB ROAD		10
39+15	-	39+30	LT	RIDERS CLUB ROAD		10
39+70	-	39+85	RT	RIDERS CLUB ROAD		10
39+70	-	39+85	LT	RIDERS CLUB ROAD		10
42+25	-	42+45	RT	RIDERS CLUB ROAD		10
42+25	-	42+45	LT	RIDERS CLUB ROAD		10
42+80	-	42+95	RT	RIDERS CLUB ROAD		10
42+80	-	42+95	LT	RIDERS CLUB ROAD		10
47+38	-	47+84	RT	RIDERS CLUB ROAD		10
47+65	-	48+00	LT	RIDERS CLUB ROAD		10
47+70	-	48+00	RT	RIDERS CLUB ROAD		10
48+35	-	48+55	LT	RIDERS CLUB ROAD		10
48+35	-	48+70	RT	RIDERS CLUB ROAD		10
50+75	-	50+95	RT	RIDERS CLUB ROAD		10
50+92	-	50+97	LT	RIDERS CLUB ROAD		10
51+35	-	51+50	RT	RIDERS CLUB ROAD		10
51+45	-	51+60	LT	RIDERS CLUB ROAD		10
51+83	-	51+88	LT	RIDERS CLUB ROAD		10
52+37	-	52+42	RT	RIDERS CLUB ROAD		10
56+60	-	57+00	LT	RIDERS CLUB ROAD		10
57+50	-	57+70	LT	RIDERS CLUB ROAD		10
57+50	-	57+65	RT	RIDERS CLUB ROAD		10
58+05	-	58+25	LT	RIDERS CLUB ROAD		10
59+35	-	59+60	RT	RIDERS CLUB ROAD		10
60+45	-	60+80	RT	RIDERS CLUB ROAD		10
68+48	-	68+58	LT	RIDERS CLUB ROAD		10
68+78	-	68+88	LT	RIDERS CLUB ROAD		10
69+65	-	69+95	RT	RIDERS CLUB ROAD		5
				PROJECT TOTALS	2127	645

3

R/W PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
5991-02-56		
R/W PROJECT NUMBER	4.01	7

PLAT OF RIGHT OF WAY REQUIRED FOR

CITY OF ONALASKA, RIDERS CLUB ROAD

(STH 35 TO SAND LAKE ROAD)

CTH S — LACROSSE COUNTY

CONVENTIONAL SYMBOLS

SECTION LINE
QUARTER LINE
SIXTEENTH LINE
NEW REFERENCE LINE
NEW R/W LINE
EXISTING R/W OR HE LINE
PROPERTY LINE
LOT, TIE & OTHER MINOR LINES
SLOPE INTERCEPT
CORPORATE LIMITS
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC) — W (TYPE)
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)
TEMPORARY LIMITED EASEMENT AREA
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)
TRANSMISSION STRUCTURES
BUILDING — TO BE REMOVED
BRIDGE

SECTION CORNER SYMBOL
SECTION CORNER MONUMENT
GEODETIC SURVEY MONUMENT
SIXTEENTH CORNER MONUMENT
SIGN — SIGN
OFF-PREMISE SIGN — I-25 — SIGN

R/W MONUMENT (TO BE SET)
NON-MONUMENTED R/W POINT
FOUND IRON PIN (1-INCH UNLESS NOTED) — IP

	COMPENSABLE	NON-COMPENSABLE
ELECTRIC POLE	■	□
TELEPHONE POLE	●	○
PEDESTAL (LABEL TYPE) (TV, TEL, ELEC, ETC.)	✕	✕

ACCESS RESTRICTED BY ACQUISITION
NO ACCESS (BY STATUTORY AUTHORITY)
ACCESS RESTRICTED (BY PREVIOUS PROJECT OR CONTROL)
NO ACCESS (NEW HIGHWAY)

PARCEL NUMBER (25) — UTILITY NUMBER (40)

PARALLEL OFFSETS

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF INTERSECTION	PI
ACRES	AC	PROPERTY LINE	PL
AHEAD	AH	RECORDED AS	(100')
ALUMINUM	ALUM	REEL / IMAGE	R/I
AND OTHERS	ET AL	REFERENCE LINE	R/L
BACK	BK	REMAINING	REM
BLOCK	BLK	RESTICTIVE DEVELOPMENT EASEMENT	RDE
CENTERLINE	C/L	RIGHT	RT
CERTIFIED SURVEY MAP	CSM	RIGHT OF WAY	R/W
CONCRETE	CONC	SECTION	SEC
COUNTY	CO	SEPTIC VENT	SEPV
COUNTY TRUNK HIGHWAY	CTH	SQUARE FEET	SF
DISTANCE	DIST	STATE TRUNK HIGHWAY	STH
CORNER	COR	STATION	STA
DOCUMENT NUMBER	DOC	TELEPHONE PEDESTAL	TP
EASEMENT	EASE	TEMPORARY LIMITED EASEMENT	TLE
EXISTING	EX	TRANSPORTATION PROJECT PLAT	TPP
GAS VALVE	GV	UNITED STATES HIGHWAY	USH
GRID NORTH	GN	VOLUME	V
HIGHWAY EASEMENT	HE		
IDENTIFICATION	ID		
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED EASEMENT	PLE		
POINT OF BEGINNING	POB		
POINT OF CURVATURE	PC		
POINT OF COMPOUND CURVE	PCC		

CURVE DATA

LONG CHORD	LCH
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE	Δ/DELTA
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

NOTES:

POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), LACROSSE COUNTY, NAD 83 (2011) IN US SURVEY FEET. VALUES SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

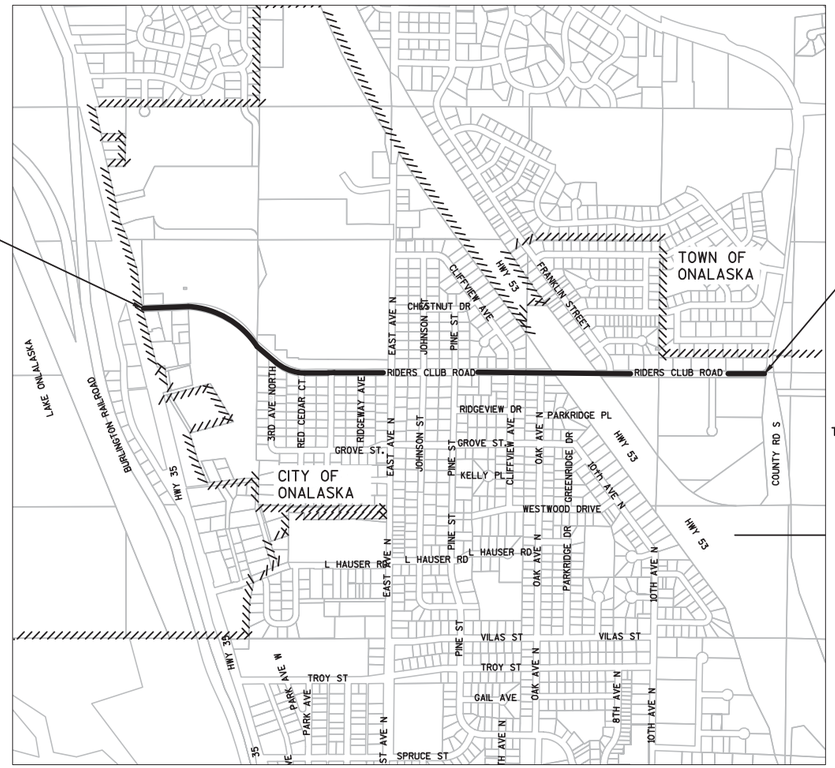
RIGHT OF WAY MONUMENTS ARE 3/4"X 24" REBAR AND ARE PLACED PRIOR TO OR AT THE TIME OF LAND TITLE TRANSFER.

RIGHT OF WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY OR OTHER SURVEYS OF PUBLIC RECORD.

CAUTION
THIS PLAT IS FOR ILLUSTRATIVE PURPOSES ONLY. DEEDS MUST BE CHECKED TO DETERMINE PROPERTY BOUNDARIES.

N

R 7 W



BEGIN RELOCATION ORDER
STA 11+70.00
Y=166248.572
X=447240.695
602.762 FEET NORTH AND 3556.390 FEET WEST OF THE EAST 1/4 CORNER OF SECTION 32, T17N, R7W

END RELOCATION ORDER
STA 71+00.00
Y=165665.862
X=452964.758
20.053 FEET NORTH AND 2137.673 FEET EAST OF THE EAST 1/4 CORNER OF SECTION 32, T17N, R7W

LAYOUT
SCALE 0 — 1500 FT

TOTAL NET LENGTH OF CENTERLINE = 1.123 Miles

ORIGINAL PLANS PREPARED BY

SEH

WISCONSIN
JASON L. CANCE
S-2688
CHIPPEWA FALLS WI
LAND SURVEYOR

2-7-2017 (Date) — (Signature)

REVISION DATE

CITY OF ONALASKA

APPROVED FOR THE CITY

DATE: _____ (Signatu

FILE NAME : P:\KO\O\ONALA\133149\C3D\RW\TITLE SHEET RIDERS CLUB RD.DWG
LAYOUT NAME - TITLE SHEET RIDERS CLUB RD - TITLE SHEET

PLOT DATE : 2/7/2017 9:41 AM PLOT BY : NICK ENGH PLOT NAME :

WISDOT/CADDS SHEET 50

SCHEDULE OF LANDS & INTERESTS REQUIRED				OWNERS NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE CITY.			
PARCEL NUMBER	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	R/W SF REQUIRED			TLE SF
				NEW	EXISTING	TOTAL	
1	4.04/4.06	CITY OF ONALASKA	TLE	-	-	-	1614
2	4.04/4.05	SCHOOL DISTRICT OF ONALASKA	TLE	-	-	-	1243
3	4.04	JEFFERY D JENSEN & PAMELA A JENSEN	TLE	-	-	-	238
4	4.04	CHRISTOPHER BUTLER & KIMBERLY BUTLER	TLE	-	-	-	47
5	4.04/4.05	DIANA L VOLDEN & HARVEY R VOLDEN	TLE	-	-	-	189
8	4.05	KURT J VANAUKEN & COURTNEY M VANAUKEN	TLE	-	-	-	111
9	4.05	JANICE K BOLDT	TLE	-	-	-	74
10	4.05	RICHELLE A STETZER	TLE	-	-	-	71
11	4.05	PAUL A JACOBSON & KALEY A JACOBSON	TLE	-	-	-	174
12	4.05	CHAD M HILL & TAMERA L HILL	TLE	-	-	-	74
13	4.05	SALLY J JERUE	TLE	-	-	-	480
14	4.05	CHRISTOPHER D & ASHLEY AUSTIN BROWN	TLE	-	-	-	198
15	4.05	WILLIAM R SR & BEVERLY A BRAM TRUST	TLE	-	-	-	232
16	4.05	KENT M MANGLITZ & STEPHANIE N MANGLITZ	TLE	-	-	-	168
17	4.05	GARY R BAKER & SUSAN M BAKER	TLE	-	-	-	112
18	4.05	KENNETH M REGET & SUSAN C REGET	TLE	-	-	-	45
19	4.05	STEVEN S KUMM & LISA M KUMM	TLE	-	-	-	53
25	4.06	MICHAEL J RITTER & BONNIE K RITTER	TLE	-	-	-	74
26	4.06	ROGER D LOWERY & GRETCHEN A LOWREY	TLE	-	-	-	94
27	4.06	LORI D SPADEMAN	TLE	-	-	-	228
28	4.06	DONALD M STEIN & MARGARET A STEIN	TLE	-	-	-	73
29	4.06	SCOTT K ALO	TLE	-	-	-	71
30	4.06	JASON P ALFRED & KATHY E ALFRED	TLE	-	-	-	45
31	4.06	JEFFREY L ABRAHAM & PATRICIA E ABRAHAM	TLE	-	-	-	251
32	4.06	ROBERT C JOHNSON & MARGARET M JOHNSON	TLE	-	-	-	175
33	4.06	RICHARD F MELBY & REGINA E MELANCON	TLE	-	-	-	92
34	4.06	QUAN H HUYNH & THUY H HUYNH	TLE	-	-	-	206
37	4.07	TERRY J WEILAND	TLE	-	-	-	598
38	4.07	ROCHESTER REAL ESTATE COMPANY LLC	TLE	-	-	-	98
39	4.07	JKS HOLDINGS LLC	TLE	-	-	-	248
40	4.07	MENARD INC	TLE	-	-	-	1758
102	4.07	TREMPEALEAU ELECTRIC COOPERATIVE	RELEASE OF RIGHTS				
103	4.07	CITY OF ONALASKA (SANITARY SEWER)	RELEASE OF RIGHTS				
104	4.07	CITY OF ONALASKA (WATER)	RELEASE OF RIGHTS				

4

4

SW/NW
32-17-7

SW/NE
32-17-7

SW/NW
32-17-7

SW/NW
33-17-7

SE/NW
33-17-7

BEGIN RELOCATION ORDER
STA 11+70.00
Y = 166248.572
X = 447240.695

CITY OF ONALASKA

END RELOCATION ORDER
STA 71+00.00
Y = 165665.862
X = 452964.758

STH 35

3RD AVE N

RED CEDAR CT

4TH AVE N

RIDGEWAY AVE

EAST AVE N

JOHNSON ST

PINE ST

CLIFFVIEW AVE N

FRANKLIN ST

SAND LAKE ROAD

USH 53

RIDERS CLUB ROAD

APPROXIMATE QUARTER LINE

NW/SW
32-17-7

NW/SE
32-17-7

NE/SE
32-17-7

NW/SW
33-17-7

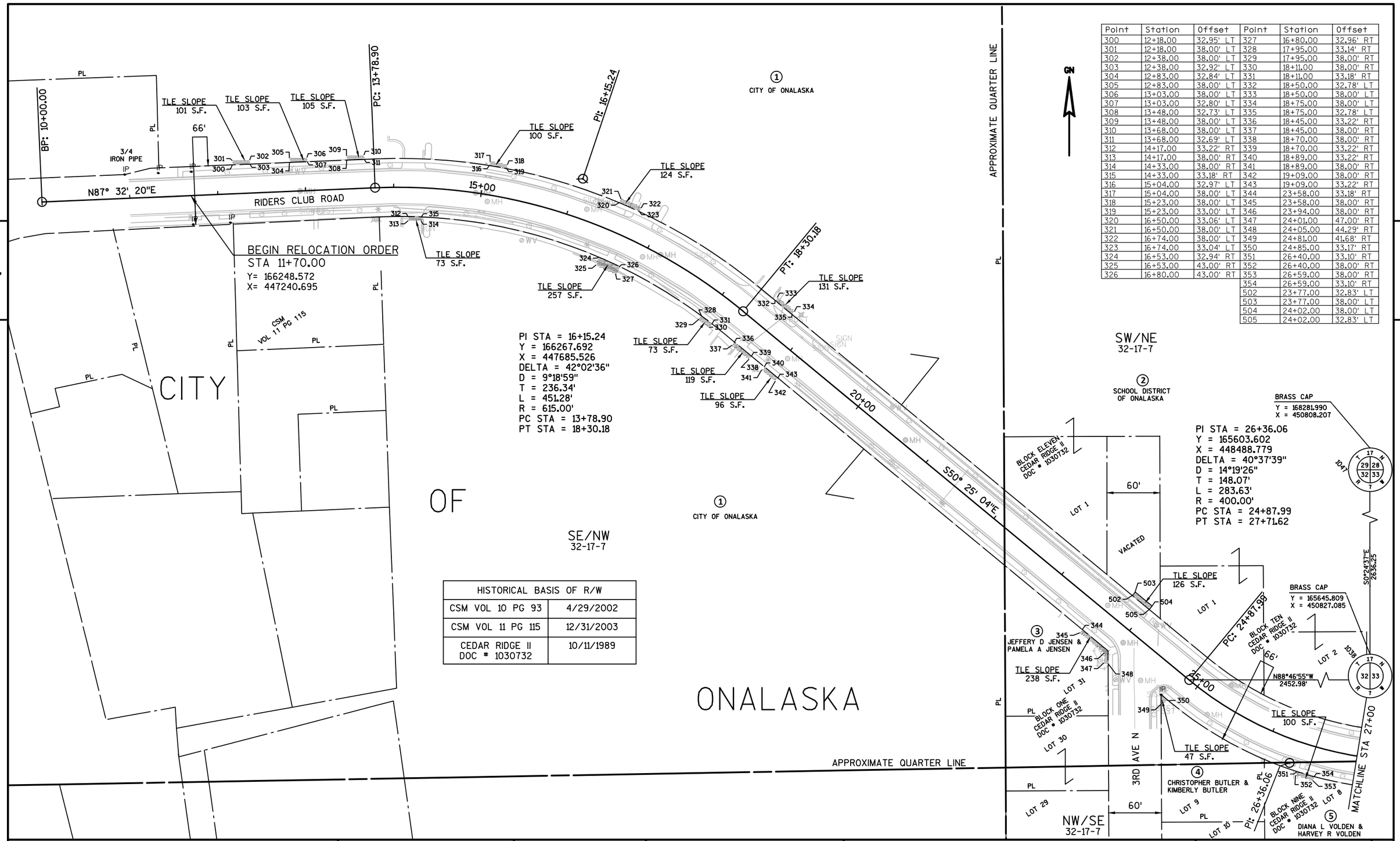
NE/SW
33-17-7

REVISION DATE 4-5-2017 N.C.	DATE 2-7-2017	NOT TO SCALE	HWY: RIDERS CLUB ROAD	STATE R/W PROJECT NUMBER 5991-02-56	PLAT SHEET 4.03
	GRID FACTOR N/A		COUNTY: LA CROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-57	PS&E SHEET 37 E

FILE NAME : P:\KO\O\Onala\133149\C3d\RW\PROJCT OVERVIEW.dwg
LAYOUT NAME - 4.03

PLOT DATE : 4/5/2017 8:11 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : Custom

WISDOT/CADDS SHEET 75



Point	Station	Offset	Point	Station	Offset
300	12+18.00	32.95' LT	327	16+80.00	32.96' RT
301	12+18.00	38.00' LT	328	17+95.00	33.14' RT
302	12+38.00	38.00' LT	329	17+95.00	38.00' RT
303	12+38.00	32.92' LT	330	18+11.00	38.00' RT
304	12+83.00	32.84' LT	331	18+11.00	33.18' RT
305	12+83.00	38.00' LT	332	18+50.00	32.78' LT
306	13+03.00	38.00' LT	333	18+50.00	38.00' LT
307	13+03.00	32.80' LT	334	18+75.00	38.00' LT
308	13+48.00	32.73' LT	335	18+75.00	32.78' LT
309	13+48.00	38.00' LT	336	18+45.00	33.22' RT
310	13+68.00	38.00' LT	337	18+45.00	38.00' RT
311	13+68.00	32.69' LT	338	18+70.00	38.00' RT
312	14+17.00	33.22' RT	339	18+70.00	33.22' RT
313	14+17.00	38.00' RT	340	18+89.00	33.22' RT
314	14+33.00	38.00' RT	341	18+89.00	38.00' RT
315	14+33.00	33.18' RT	342	19+09.00	38.00' RT
316	15+04.00	32.97' LT	343	19+09.00	33.22' RT
317	15+04.00	38.00' LT	344	23+58.00	33.18' RT
318	15+23.00	38.00' LT	345	23+58.00	38.00' RT
319	15+23.00	33.00' LT	346	23+94.00	38.00' RT
320	16+50.00	33.06' LT	347	24+01.00	47.00' RT
321	16+50.00	38.00' LT	348	24+05.00	44.29' RT
322	16+74.00	38.00' LT	349	24+81.00	41.68' RT
323	16+74.00	33.04' LT	350	24+85.00	33.17' RT
324	16+53.00	32.94' RT	351	26+40.00	33.10' RT
325	16+53.00	43.00' RT	352	26+40.00	38.00' RT
326	16+80.00	43.00' RT	353	26+59.00	38.00' RT
			354	26+59.00	33.10' RT
			502	23+77.00	32.83' LT
			503	23+77.00	38.00' LT
			504	24+02.00	38.00' LT
			505	24+02.00	32.83' LT

HISTORICAL BASIS OF R/W	
CSM VOL 10 PG 93	4/29/2002
CSM VOL 11 PG 115	12/31/2003
CEDAR RIDGE II DOC # 1030732	10/11/1989

REVISION DATE 4-5-2017 N.C.	DATE 2-7-2017	SCALE, FEET 0 50 100	HWY: RIDERS CLUB ROAD	STATE R/W PROJECT NUMBER 5991-02-56	PLAT SHEET 4.04
	GRID FACTOR N/A		COUNTY: LACROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-57	PS&E SHEET 38 E

FILE NAME : P:\KO\O\Onala\133149\C3d\RW\4.0x.dwg
LAYOUT NAME - 4.0X - 4.04

PLOT DATE : 4/5/2017 8:12 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 75

HISTORICAL BASIS OF R/W	
PINE GROVE ADDITION DOC# 792523	9/26/1968
CEDAR RIDGE DOC # 1030731	10/4/1988
CEDAR RIDGE II DOC # 1030732	10/11/1989
CHESTNUT ESTATES DOC# 1215310	10/23/1998

Point	Station	Offset	Point	Station	Offset	Point	Station	Offset
355	27+03.00	33.07' RT	382	31+75.00	38.00' LT	409	35+68.00	38.00' LT
356	27+17.33	46.00' RT	383	32+34.00	38.00' LT	410	35+68.00	32.89' LT
357	27+71.26	46.00' RT	384	32+34.00	32.92' LT	411	35+86.00	32.89' LT
358	27+83.00	33.04' RT	385	32+35.00	33.08' RT	412	35+98.94	45.00' LT
359	27+54.00	32.95' LT	386	32+35.00	38.00' RT	413	35+86.00	33.11' RT
360	27+54.00	38.00' LT	387	32+55.00	38.00' RT	414	35+97.69	45.00' RT
361	27+82.00	38.00' LT	388	32+55.00	33.08' RT	415	36+64.93	45.00' LT
362	27+82.00	32.96' LT	389	32+88.00	33.08' RT	416	36+83.00	32.78' LT
363	28+41.00	32.95' LT	390	32+99.28	45.00' RT	417	36+63.72	45.00' RT
364	28+41.00	38.00' LT	391	33+52.00	38.00' LT	418	36+83.00	33.22' RT
365	28+61.00	38.00' LT	392	33+77.00	38.00' LT	419	39+09.00	32.86' LT
366	28+61.00	32.95' LT	393	33+77.00	32.91' LT	420	39+21.27	45.00' LT
367	28+67.00	33.05' RT	394	33+59.30	44.00' RT	421	39+10.00	33.14' RT
368	28+67.00	38.00' RT	395	33+64.00	44.00' RT	422	39+10.00	38.00' RT
369	28+87.00	38.00' RT	396	33+74.00	38.00' RT	423	39+19.13	38.00' RT
370	28+87.00	33.05' RT	397	33+95.00	38.00' RT	424	39+79.14	38.00' RT
371	29+93.00	33.06' RT	398	33+95.00	33.09' RT	425	39+90.00	38.00' RT
372	30+05.26	45.00' RT	399	34+82.00	33.10' RT	426	39+90.00	33.11' RT
373	30+58.00	38.00' LT	400	34+82.00	38.00' RT	427	39+81.27	45.00' LT
374	30+83.00	38.00' LT	401	35+02.00	38.00' RT	428	39+93.00	32.89' LT
375	30+83.00	32.93' LT	402	35+02.00	33.10' RT	500	38+58.00	32.96' LT
376	30+65.27	44.00' RT	403	34+78.00	32.90' LT	501	33+52.00	32.95' LT
377	30+70.00	44.00' RT	404	34+78.00	38.00' LT			
378	30+83.00	38.00' RT	405	35+03.00	38.00' LT			
379	31+49.00	38.00' RT	406	35+03.00	32.90' LT			
380	31+49.00	33.07' RT	407	35+43.00	32.90' LT			
381	31+75.00	32.93' LT	408	35+43.00	38.00' LT			

CITY

OF

ONALASKA

SW/NE 32-17-7

NW/SE 32-17-7

SE/NE 32-17-7

NE/SE 32-17-7

APPROXIMATE SIXTEENTH LINE

EAST AVE N

JOHNSON ST

RIDGEWAY AVE

4TH AVE N

RED CEDAR CT

RIDERS CLUB ROAD

MATCHLINE STA 27+00

MATCHLINE STA 41+50

PT: 27+71.62

PI: 36+31.17

Y = 165621.986

X = 449496.229

BRASS CAP
Y = 168281.990
X = 450808.207

BRASS CAP
Y = 165645.809
X = 450827.085

S0°24'37"E 2636.25

S88°58'22"W 962.23

N88° 57' 17"E

N88° 58' 43"E

30+00

35+00

40+00

66'

60'

GN

(2) SCHOOL DISTRICT OF ONALASKA

(5) LOT 8 DIANA L VOLDEN & HARVEY R VOLDEN

(8) KURT J VANAUKEN & COURTNEY M VANAUKEN

(9) JANICE K BOLDT

(10) RICHELLE A STETZER

(11) PAUL A JACOBSON & KALEY A JACOBSON

(12) CHAD M HILL & TAMERA L HILL

(13) SALLY J JERUE

(14) CHRISTOPHER D & ASHLEY AUSTIN BROWN

(15) WILLIAM R SR & BEVERLY A BRAM TRUST

(16) KENT M MANGLITZ & STEPHANIE N MANGLITZ

(17) GARY R BAKER & SUSAN M BAKER

(18) KENNETH M REGET & SUSAN C REGET

(19) STEVEN S KUMM & LISA M KUMM

BLOCK EIGHT CEDAR RIDGE II DOC # 1030732

BLOCK FIVE CEDAR RIDGE II DOC # 1030732

BLOCK THREE CEDAR RIDGE II DOC # 1030732

BLOCK THREE CEDAR RIDGE DOC # 1030731

BLOCK NINE CEDAR RIDGE II DOC # 1030732

BLOCK SEVEN CEDAR RIDGE II DOC # 1030732

BLOCK FOUR CEDAR RIDGE II DOC # 1030732

BLOCK TWO CEDAR RIDGE II DOC # 1030732

BLOCK TWO CEDAR RIDGE DOC # 1030731

BLOCK TWO CHESTNUT ESTATES DOC# 1215310

BLOCK FIVE CHESTNUT ESTATES DOC# 1215310

BLOCK ONE PINE GROVE ADDITION DOC# 792523

BLOCK TWO PINE GROVE ADDITION DOC# 792523

VACATED

TLE SLOPE 130 S.F.

TLE SLOPE 101 S.F.

TLE SLOPE 124 S.F.

TLE SLOPE 299 S.F.

TLE SLOPE 129 S.F.

TLE SLOPE 128 S.F.

TLE SLOPE 128 S.F.

TLE SLOPE 78 S.F.

TLE SLOPE 99 S.F.

TLE SLOPE 89 S.F.

TLE SLOPE 75 S.F.

TLE SLOPE 74 S.F.

TLE SLOPE 480 S.F.

TLE SLOPE 99 S.F.

TLE SLOPE 232 S.F.

TLE SLOPE 98 S.F.

TLE SLOPE 70 S.F.

TLE SLOPE 111 S.F.

TLE SLOPE 74 S.F.

TLE SLOPE 71 S.F.

TLE SLOPE 112 S.F.

TLE SLOPE 45 S.F.

TLE SLOPE 53 S.F.

REVISION DATE 4-5-2017 N.C.	DATE 2-7-2017	SCALE. FEET 0 50 100	HWY: RIDERS CLUB ROAD	STATE R/W PROJECT NUMBER 5991-02-56
	GRID FACTOR N/A		COUNTY: LACROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-57

PLAT SHEET 4.05

PS&E SHEET 39

E

FILE NAME : P:\K0\0\Onala\133149\C3d\RW\4.0x.dwg
LAYOUT NAME - 4.0X - 4.05

PLOT DATE : 4/5/2017 8:12 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 75

4

4

HISTORICAL BASIS OF R/W	
PINE GROVE ADDITION DOC# 792523	9/26/1968
CHESTNUT ESTATES DOC# 1215310	10/23/1998
SKYVIEW ADDITION DOC# 938946	3/3/1983
PARK RIDGE 2ND ADDITION DOC# 492354	7/25/1978
CSM VOL 6 PG 123	4/23/1995

4

4

TOWN OF ONALASKA

CITY

ONALASKA

SW/NW 33-17-7

SE/NE 32-17-7

NE/SE 32-17-7

NW/SW 33-17-7

BAY CT

CLIFFVIEW AVE N

PINE ST

OAK AVE N

RIDERS CLUB ROAD

RIDGEVIEW DR

USH 53 (RW PROJECT 1631-1-21)

SECTION LINE

MATCHLINE STA 41+50

MATCHLINE STA 56+50

BRASS CAP
Y = 168281.990
X = 450808.207

BRASS CAP
STA 49+62.23 0.35'LT
Y = 165645.809
X = 450827.085

Y = 165643.147
X = 450683.250
PI: 48+18.37

Y = 165646.528
X = 450896.842
PI: 50+31.99

N89°24'33"E
69.76'

S00°24'37"E
2636.25'

N88° 58' 43"E

N89° 27' 52"E

45+00

50+00

55+00

60'

66'

345'

LOT 17
LOT 18
LOT 19
LOT 20
LOT 21
LOT 12
LOT 14
LOT 13
LOT 11
LOT 10
LOT 8
LOT 7
LOT 6
LOT 5
LOT 9
LOT 3
LOT 2
LOT 1
OUTLOT 1

BLOCK ONE CHESTNUT ESTATES DOC# 1215310
BLOCK TWO CHESTNUT ESTATES DOC# 1215310
BLOCK FOUR CHESTNUT ESTATES DOC# 1215310
BLOCK TWO PINE GROVE ADDITION DOC# 792523
BLOCK FIVE SKYVIEW ADDITION DOC# 938946
BLOCK THREE SKYVIEW ADDITION DOC# 938946
BLOCK EIGHT PARK RIDGE 2ND ADDITION DOC# 492354
BLOCK SEVEN PARK RIDGE 2ND ADDITION DOC# 492354
BLOCK TWO CROSSTOWN ADDITIONS

(1) CITY OF ONALASKA
(25) MICHAEL J RITTER & BONNIE K RITTER
(26) ROGER D LOWERY & GRETCHEN A LOWREY
(27) LORI D SPADEMAN
(28) DONALD M STEIN & MARGARET A STEIN
(29) SCOTT K ALO
(30) JASON P ALFRED & KATHY E ALFRED
(31) JEFFREY L ABRAHAM & PATRICIA E ABRAHAM
(32) ROBERT C JOHNSON & MARGARET M JOHNSON
(33) RICHARD F MELBY & REGINA E MELANCON
(34) QUAN H HUYNH & THUY H HUYNH

TLE SLOPE 74 S.F.
TLE SLOPE 94 S.F.
TLE SLOPE 228 S.F.
TLE SLOPE 73 S.F.
TLE SLOPE 71 S.F.
TLE SLOPE 261 S.F.
TLE SLOPE 71 S.F.
TLE SLOPE 45 S.F.
TLE SLOPE 251 S.F.
TLE SLOPE 175 S.F.
TLE SLOPE 92 S.F.
TLE SLOPE 140 S.F.
TLE SLOPE 66 S.F.

2" IP
3/4" REBAR

CSM VOL 6 PG 123

Point	Station	Offset
429	42+19.00	32.97' LT
430	42+31.27	45.00' LT
431	42+19.00	33.03' RT
432	42+30.47	45.00' RT
433	42+90.70	37.00' RT
434	43+02.00	37.00' RT
435	43+02.00	33.00' RT
436	42+91.27	45.00' LT
437	43+07.00	33.00' LT
438	47+55.00	33.15' LT
439	47+85.69	48.00' LT
440	47+33.00	32.85' RT
441	47+33.00	37.00' RT
442	47+80.00	37.00' RT
443	47+80.00	43.00' RT
444	47+85.37	43.00' RT
445	48+51.61	45.00' LT
446	48+64.00	33.28' LT
447	48+51.35	50.00' RT
448	48+71.00	32.01' RT
449	50+68.00	32.80' RT
450	50+81.77	46.00' RT
451	51+47.77	46.00' RT
452	51+69.00	32.66' RT
453	52+32.00	32.58' RT
454	52+32.00	37.00' RT
455	52+47.00	37.00' RT
456	52+47.00	32.56' RT
457	50+87.00	33.23' LT
458	50+87.00	38.00' LT
459	51+02.00	38.00' LT
460	51+02.00	33.25' LT
461	51+37.00	33.30' LT
462	51+37.00	38.00' LT
463	51+93.00	38.00' LT
464	51+93.00	33.37' LT

REVISION DATE 4-5-2017 N.C.	DATE 2-7-2017	SCALE. FEET 0 50 100	HWY: RIDERS CLUB ROAD	STATE R/W PROJECT NUMBER 5991-02-56	PLAT SHEET 4.06
	GRID FACTOR N/A		COUNTY: LACROSSE	CONSTRUCTION PROJECT NUMBER 5991-02-57	PS&E SHEET 40 E

FILE NAME : P:\K0\0\Onala\133149\C3d\RW\4.0x.dwg
LAYOUT NAME - 4.0X - 4.06

PLOT DATE : 4/5/2017 8:12 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : 1 IN:100 FT

WISDOT/CADDS SHEET 75

TOWN OF ONALASKA

CITY OF ONALASKA

BETHANNE PL

APPROXIMATE SIXTEENTH LINE

SE/NW
33-17-7

SW/NW
33-17-7

NW/SW
33-17-7

NE/SW
33-17-7

BRASS CAP
Y = 168281.990
X = 450808.207

1047

S0°24'37"E
2636.25

BRASS CAP
Y = 165645.809
X = 450827.085

1038

MATCHLINE STA 56+50

FROM STA 56+50
N89°27'31"E
687.77'

FRANKLIN ST

66'

BLOCK ONE
CROSSTOWN ADDITION

LOT 4 | LOT 5 | LOT 6 | LOT 7 | LOT 8

LOT 3 | LOT 2 | LOT 1

(37) TERRY J WEILAND

(38) ROCHESTER REAL ESTATE COMPANY LLC

(39) JKS HOLDINGS LLC

(40) MENARD INC

RIDERS CLUB ROAD

N89° 27' 52"E

60+00 | 65+00 | 70+00

TLE SLOPE
512 S.F.

TLE SLOPE
98 S.F.

TLE SLOPE
86 S.F.

TLE SLOPE
43 S.F.

TLE SLOPE
734 S.F.

TLE SLOPE
248 S.F.

TLE SLOPE
981 S.F.

3/4 IRON PIPE

X IN SIDEWALK

55' WATERMAIN EASEMENT
PER CSM

10' UTILITY EASEMENT
CSM VOL 6, PG 48

BLOCK ONE
RIDERS CLUB ADDITION
DOC# 1189439

LOT 1 | LOT 2 | LOT 3 | LOT 4 | LOT 5

66'

LOT 2 PG 3
VOL 17, PG 3
DOC # 1679852

LOT 3
VOL 17, PG 3
DOC # 1679852

LOT 4
VOL 17, PG 3
DOC # 1679852

LOT 1
VOL 17, PG 3
DOC # 1679852

END RELOCATION ORDER
STA 71+00.00
Y= 165665.862
X= 452964.758

(103) CITY OF ONALASKA
(SANITARY SEWER)

(104) CITY OF ONALASKA
(WATER)

(102) TREMPEALEAU ELECTRIC COOPERATIVE
50' AMBIGUOUS EASEMENT
DOC # 481455
DOC # 824332

DECLARATION OF RESTRICTION
DOC# 1635387

USH 53
(RW PROJECT 1631-1-21)

From	To	Direction	Distance
1047	1038	S 0° 24' 37" E	2636.25'
1038	639	N 89° 27' 45"E	2007.77'
639	640	N 89° 27' 52"E	39.00'
640	496	S 0° 32' 08" E	32.81'
496	493	S 0° 32' 08"E	2.19'
493	495	S 89° 27' 52"W	14.00'
495	494	N 85° 37' 18"W	25.09'
494	639	N 0° 32' 08"W	32.85'

Point	Station	Offset
457	50+87.00	33.23' LT
458	50+87.00	38.00' LT
459	51+02.00	38.00' LT
460	51+02.00	33.25' LT
461	51+37.00	33.30' LT
462	51+37.00	38.00' LT
463	51+93.00	38.00' LT
464	51+93.00	33.37' LT
469	57+42.00	32.76' LT
470	57+52.49	48.00' LT
471	58+18.73	46.00' LT
472	58+26.00	43.00' LT
473	58+29.00	32.73' LT
474	57+45.00	34.09' RT
475	57+45.00	36.00' RT
476	57+67.00	36.00' RT
477	57+67.00	34.07' RT
478	59+34.00	33.90' RT
479	59+34.00	39.00' RT
484	60+76.00	39.00' RT
485	60+76.00	33.76' RT
486	68+43.00	33.02' LT
487	68+43.00	38.00' LT
488	68+93.00	38.00' LT
489	68+93.00	33.07' LT
490	69+66.00	32.86' RT
491	69+66.00	43.00' RT
494	70+78.00	43.00' RT
495	70+80.00	37.31' RT
496	56+58.00	32.78' RT
497	56+58.00	43.00' LT
498	57+08.00	43.00' LT
499	57+08.00	32.77' LT

HISTORICAL BASIS OF R/W	
CROSSTOWN ADDITION	8/11/1994
RIDERS CLUB ADDITION DOC# 1189439	12/1/1997
R/W PROJECT 5991-02-18	9/17/2010
CSM VOL 6 PG 48	10/5/1992

REVISION DATE
4-5-2017

DATE 2-7-2017

GRID FACTOR N/A

SCALE, FEET
0 50 100

HWY: RIDERS CLUB ROAD

COUNTY: LACROSSE

STATE R/W PROJECT NUMBER 5991-02-56

CONSTRUCTION PROJECT NUMBER 5991-02-57

PLAT SHEET 4.07

PS&E SHEET

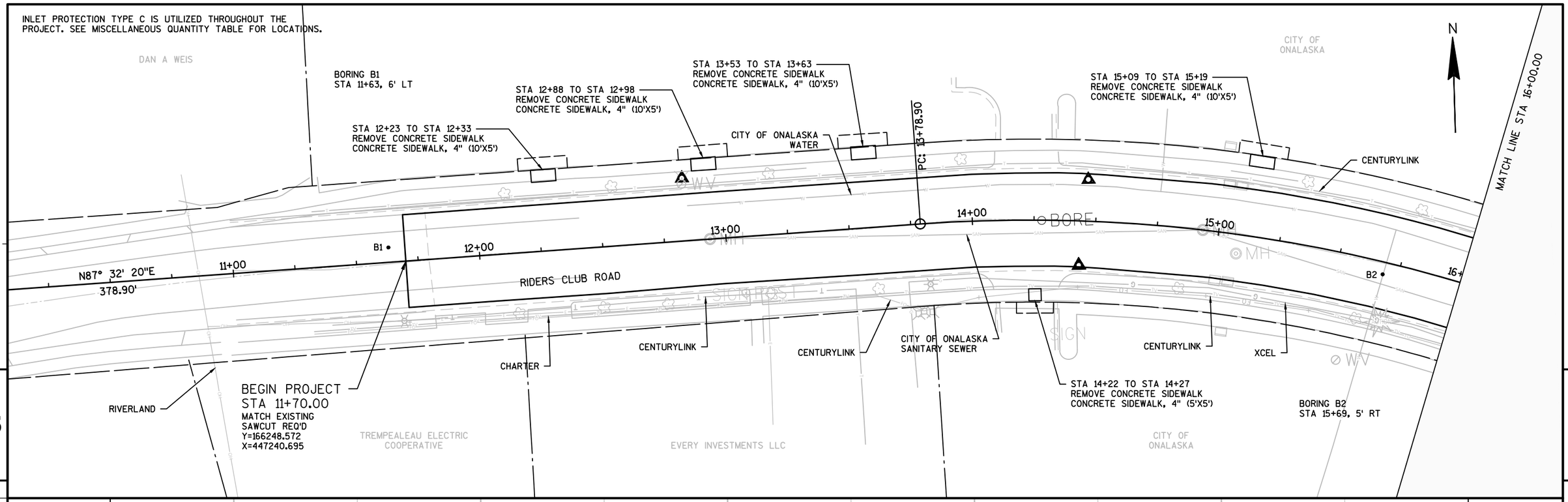
E

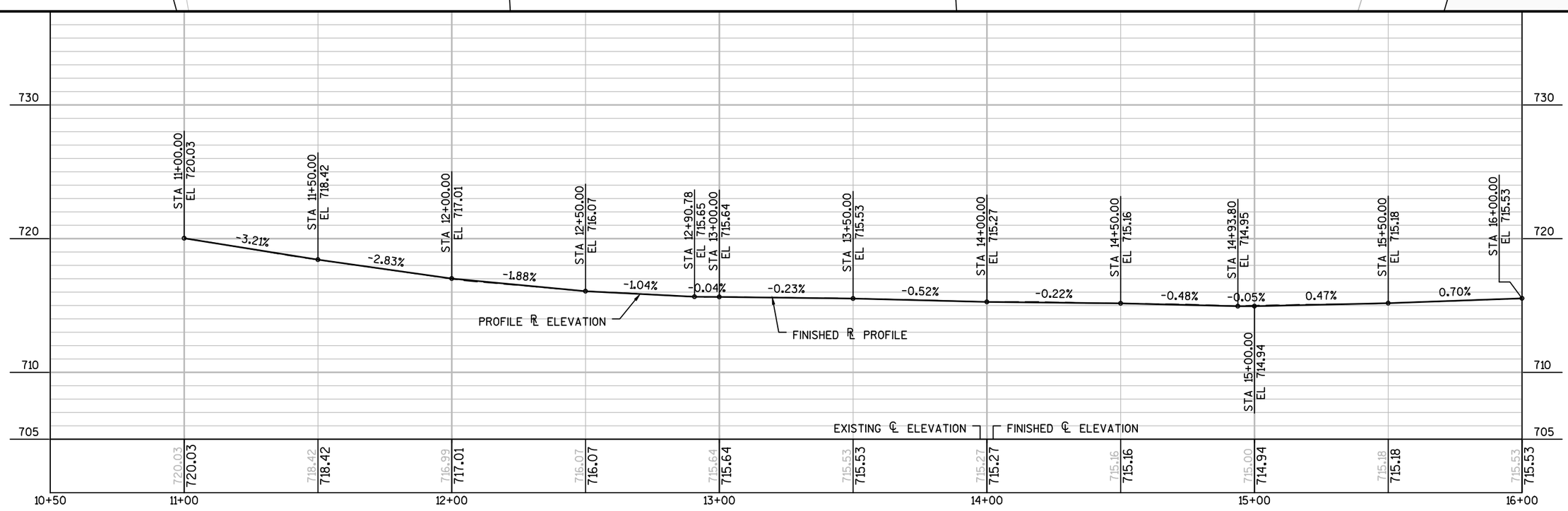
FILE NAME : P:\KO\O\Onala\133149\C3d\RW\4.0x.dwg
LAYOUT NAME - 4.0X - 4.07

PLOT DATE : 4/5/2017 8:16 AM PLOT BY : NICK ENGH PLOT NAME : PLOT SCALE : 1 IN:100 FT

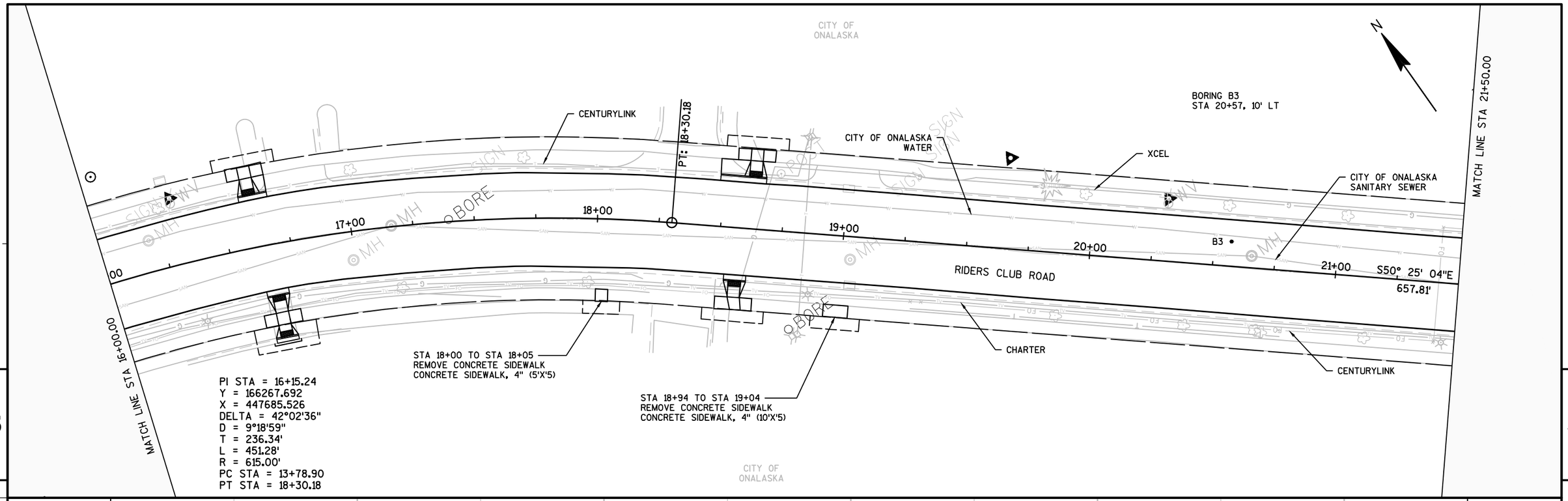
WISDOT/CADDS SHEET 75

INLET PROTECTION TYPE C IS UTILIZED THROUGHOUT THE PROJECT. SEE MISCELLANEOUS QUANTITY TABLE FOR LOCATIONS.

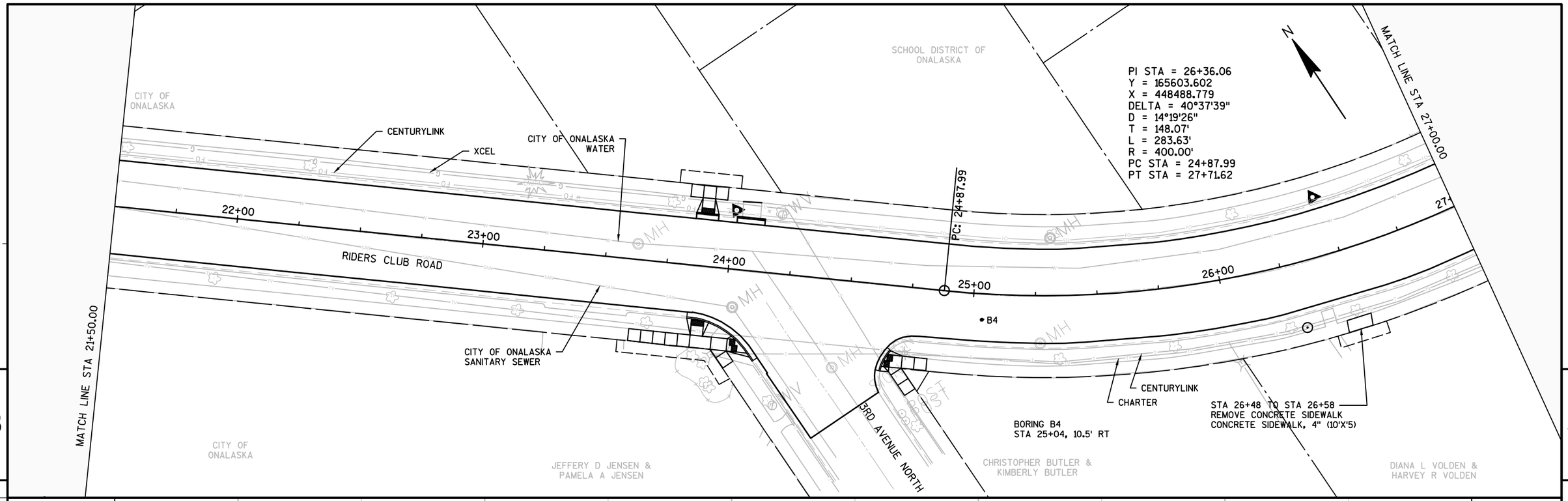


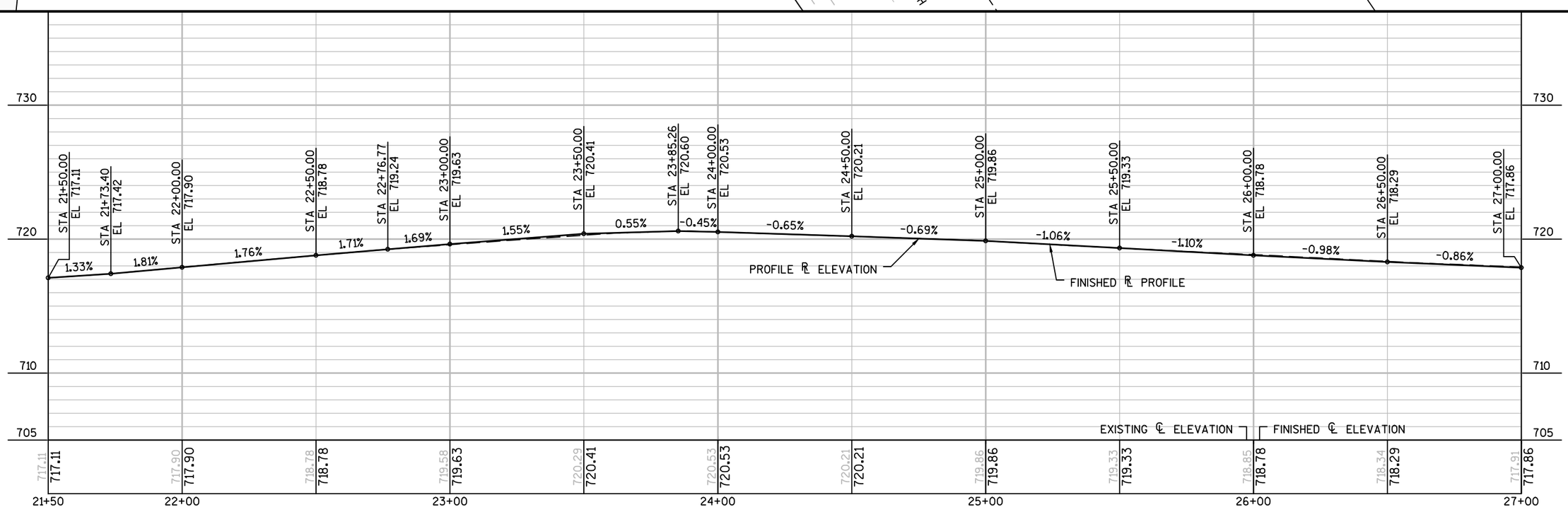


PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 42	E



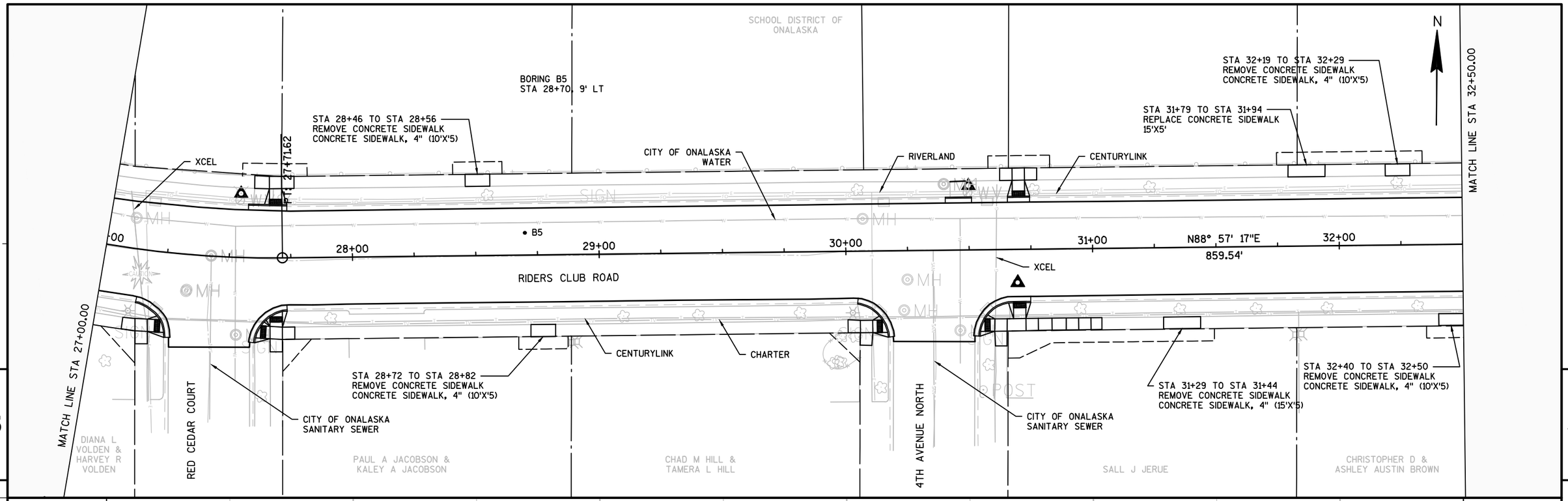
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 43 E

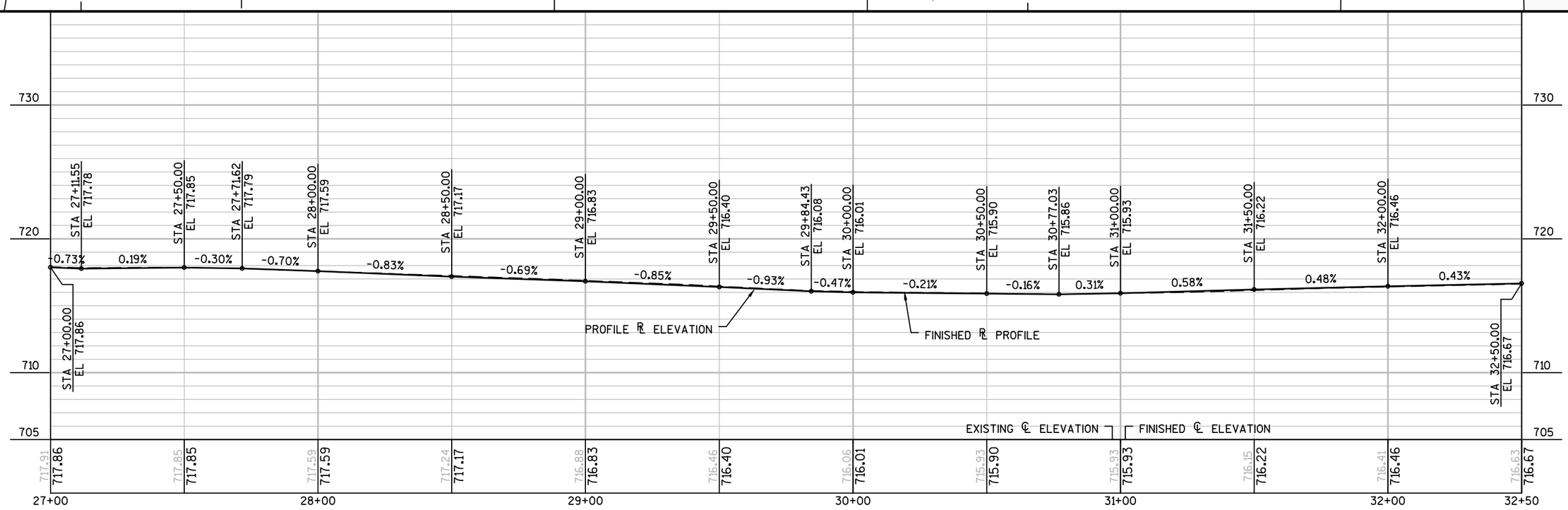




PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 44	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\050101-PP-RIDERS.DWG
LAYOUT NAME - 050103
PLOT DATE : 7/20/2017 3:49 PM
PLOT BY : TOREY LEONARD
PLOT NAME :
PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44





PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 45	E

SCHOOL DISTRICT OF ONALASKA

KURT J VANAUKEN & COURTNEY M VANAUKEN

N

STA 34+83 TO STA 34+98
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK, 4" (15'X'5)

STA 35+48 TO STA 35+63
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK, 4" (15'X'5)

BORING B7
STA 37+02, 10' LT

RIVERLAND

CITY OF ONALASKA WATER

PI: 38+31.17

RIVERLAND

CENTURYLINK

MATCH LINE STA 38+00.00

33+00 34+00 35+00 36+00 37+00 38+

• B7

XCEL

• B6

RIDERS CLUB ROAD

MATCH LINE STA 32+50.00

CHARTER

CENTURYLINK

XCEL

STA 34+87 TO STA 34+97
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK, 4" (10'X'5)

BORING B6
STA 32+75, 15.5' RT

RIDGEWAY AVENUE

CITY OF ONALASKA SANITARY SEWER

EAST AVENUE NORTH

CITY OF ONALASKA SANITARY SEWER

CHRISTOPHER D & ASHLEY AUSTIN BROWN

WILLIAM R SR & BEVERLY A BRAM

KENT M MANGLITZ & STEPHANIE N MANGLITZ

GARY R BAKER & SUSAN M BAKER

5

5

730
720
710
705

STA 32+50.00 EL 716.67
STA 33+00.00 EL 716.89
STA 33+50.00 EL 717.04
STA 34+00.00 EL 717.21
STA 34+50.00 EL 717.43
STA 35+00.00 EL 717.64
STA 35+50.00 EL 717.88
STA 36+00.00 EL 718.12
STA 36+29.46 EL 718.27
STA 36+50.00 EL 718.37
STA 36+58.85 EL 718.50
STA 37+00.00 EL 719.49
STA 37+50.00 EL 721.08
STA 37+80.23 EL 722.04
STA 38+00.00 EL 722.59

0.43% 0.31% 0.33% 0.45% 0.42% 0.47% 0.49% 0.52% 0.49% 1.46% 2.39% 3.19% 3.17% 2.76%

PROFILE ℄ ELEVATION

FINISHED ℄ PROFILE

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

716.63 716.67
716.83 716.89
717.02 717.04
717.16 717.21
717.40 717.43
717.64 717.64
717.85 717.88
718.06 718.12
718.19 718.37
719.49 719.49
721.13 721.08
722.56 722.59

32+50 33+00 34+00 35+00 36+00 37+00 38+00

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 46	E

JANICE K BOLDT

RICHELLE A STETZER

MICHAEL J RITTER &
BONNIE K RITTER

ROGER D LOWERY &
GRETCHEN A LOWREY

CENTURYLINK

RIVERLAND

CHARTER

CITY OF ONALASKA
WATER

CENTURYLINK

MATCH LINE STA 38+00.00

MATCH LINE STA 43+50.00

N

5

5

38+00

39+00

40+00

N88° 58' 43"E
1187.21'

41+00

42+00

43+00

RIDERS CLUB ROAD

B8

XCEL

JOHNSON STREET

CITY OF ONALASKA
SANITARY SEWER

BORING B8
STA 41+32, 10' RT

PINE STREET

CITY OF ONALASKA
SANITARY SEWER

KENNETH M REGET &
SUSAN C REGET

STEVEN S KUMM &
LISA M KUMM

SCOTT K ALO

JASON P ALFRED &
KATHY E ALFRED

740

730

720

710

STA 38+00.00
EL 722.59

STA 38+50.00
EL 723.71

STA 38+78.98
EL 724.31

STA 39+00.00
EL 724.58

STA 39+49.77
EL 725.15

STA 40+00.00
EL 725.56

STA 40+50.00
EL 725.95

STA 41+00.00
EL 726.28

STA 41+50.00
EL 726.55

STA 42+00.00
EL 726.79

STA 42+26.47
EL 726.93

STA 42+50.00
EL 727.13

STA 43+00.00
EL 727.27

STA 43+50.00
EL 727.59

2.23%

2.08%

1.30%

1.14%

0.83%

0.78%

0.67%

0.52%

0.49%

0.53%

0.85%

0.27%

0.64%

PROFILE ℄ ELEVATION

FINISHED ℄ PROFILE

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

722.56 722.59
723.68 723.71
724.58 724.58
725.15 725.15
725.56 725.56
725.95 725.95
726.28 726.28
726.55 726.55
726.79 726.79
727.13 727.13
727.27 727.27
727.59 727.59

38+00 39+00 40+00 41+00 42+00 43+00 43+50

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 47	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\050101-PP-RIDERS.DWG
LAYOUT NAME - 050106

PLOT DATE : 7/20/2017 3:50 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT

ROGER D LOWERY &
GRETCHEN A LOWREY

JOANN R LAUFENBERG

BORING B9
STA 45+25, 10' LT

SUE L WIEMAN

LORI D SPADEMAN

DONALD M STEIN &
MARGARET A STEIN

MATCH LINE STA 43+50.00

MATCH LINE STA 49+00.00

N

RIVERLAND

CITY OF ONALASKA
WATER

CENTURYLINK

CENTURYLINK

CHARTER

PI: 48+18.37

• B9

44+00 45+00 46+00 47+00 48+00 49+

RIDERS CLUB ROAD

XCEL

CITY OF ONALASKA
SANITARY SEWER

STA 47+38 TO STA 47+48
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK, 4" (10'X'5)

CLIFFVIEW AVENUE NORTH

JASON P ALFRED &
KATHY E ALFRED

VICKI CIOKIEWICZ

LAURA M MAUEL

JEFFREY L ABRAHAM &
PATRICIA E ABRAHAM

ROBERT C JOHNSON &
MARGARET M JOHNSON

5

5

740

730

720

710

STA 43+50.00 EL 727.59
STA 44+00.00 EL 727.87
STA 44+50.00 EL 728.09
STA 45+00.00 EL 728.33
STA 45+50.00 EL 728.27
STA 45+58.69 EL 728.26
STA 46+00.00 EL 727.82
STA 46+10.89 EL 727.65
STA 46+50.00 EL 726.80
STA 47+00.00 EL 725.49
STA 47+50.00 EL 724.05
STA 48+00.00 EL 722.56
STA 48+50.00 EL 721.17
STA 49+00.00 EL 720.02

0.56% 0.44% 0.47% -0.12% -0.16% -1.06% -1.53% -2.18% -2.62% -2.88% -2.98% -2.77% -2.31%

PROFILE ℄ ELEVATION

FINISHED ℄ PROFILE

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

727.59 727.87 728.09 728.33 728.27 727.82 726.80 725.49 724.05 722.56 721.24 720.04

727.59 727.87 728.09 728.33 728.27 727.82 726.80 725.49 724.05 722.56 721.17 720.02

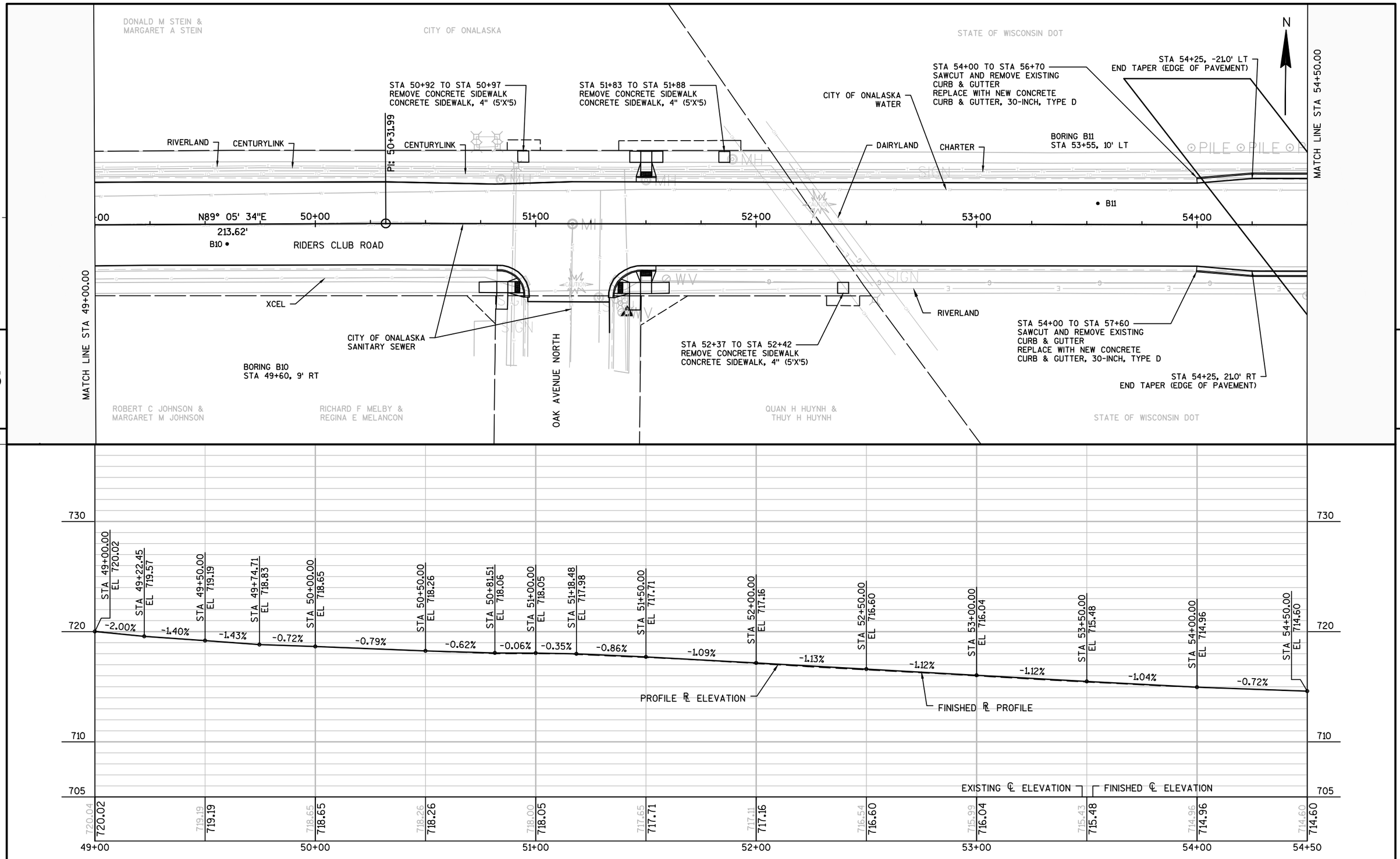
43+50 44+00 45+00 46+00 47+00 48+00 49+00

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 48	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\050101-PP-RIDERS.DWG
LAYOUT NAME - 050107

PLOT DATE : 7/20/2017 3:50 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT

WISDOT/CADDS SHEET 44



PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 49	E

FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\050101-PP-RIDERS.DWG
LAYOUT NAME - 050108
PLOT DATE : 7/20/2017 3:50 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT
WISDOT/CADDS SHEET 44

STORM SEWER NOTES
AT STA 55+65 RT & LT REMOVE EXISTING INLET, SALVAGE INLET COVER, AND REMOVE EXISTING PIPE TO JOINT NEAREST INLET.

STATE OF WISCONSIN DOT

TERRY J WEILAND

ROCHESTER REAL ESTATE COMPANY LLC

N

STA 55+64.5, -23.0' LT TO FLOWLINE (FL)
INLET 2x3-FT
SSPRC CLIII 12-INCH - 8 LF (S=0.50%)
REINSTALL SALVAGED INLET COVER
FL=713.59
INV OUT=710.52

STA 54+00 TO STA 56+70
SAWCUT AND REMOVE EXISTING
CURB & GUTTER
REPLACE WITH NEW CONCRETE
CURB & GUTTER, 30-INCH, TYPE D

FRANKLIN STREET

RIVERLAND

CHARTER

CENTURYLINK

CHARTER

CITY OF ONALASKA WATER

MATCH LINE STA 60+00.00

21'

21'

55+00 56+00 57+00 58+00 59+00 60+

B12

RIDERS CLUB ROAD

MATCH LINE STA 54+50.00

CITY OF ONALASKA SANITARY SEWER

RIVERLAND

XCEL

CENTURYLINK

STA 54+00 TO STA 57+60
SAWCUT AND REMOVE EXISTING
CURB & GUTTER
REPLACE WITH NEW CONCRETE
CURB & GUTTER, 30-INCH, TYPE D

TO MENARDS

STA 55+61.1, 23.0' RT TO FLOWLINE (FL)
INLET 2x3-FT
SSPRC CLIII 12-INCH - 8 LF (S=0.50%)
REINSTALL SALVAGED INLET COVER
FL=713.40
INV OUT=710.62

BORING B12
STA 56+58, 9.5' RT

STATE OF WISCONSIN DOT

MENARD INC

5

5

MINIMUM VERTICAL CLEARANCE BELOW BRIDGE STRUCTURES
WEST BRIDGE (USH 53 SB) = 15.58 FT
EAST BRIDGE (USH 53 NB) = 16.6 FT

730
720
710
705

STA 54+50.00 EL 714.60
STA 55+00.00 EL 714.26
STA 55+50.00 EL 714.00
STA 56+00.00 EL 713.82
STA 56+50.00 EL 713.66
STA 57+00.00 EL 713.50
STA 57+50.00 EL 713.33
STA 58+00.00 EL 713.39
STA 58+50.00 EL 713.41
STA 59+00.00 EL 713.62
STA 59+50.00 EL 713.79
STA 60+00.00 EL 713.96

-0.68% -0.52% -0.36% -0.31% -0.31% -0.36% 0.12% 0.03% 0.42% 0.34% 0.35%

PROFILE ℄ ELEVATION

FINISHED ℄ PROFILE

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

714.60 714.60
714.26 714.26
714.02 714.00
713.82 713.82
713.62 713.66
713.47 713.50
713.33 713.33
713.39 713.39
713.41 713.41
713.55 713.62
713.73 713.79
713.89 713.96

54+50 55+00 56+00 57+00 58+00 59+00 60+00

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 50	E

FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\050101-PP-RIDERS.DWG
LAYOUT NAME - 050109
PLOT DATE : 7/20/2017 3:50 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT

S & S LARSON FAMILY LLC

WICKA-SLABY LLC

C/O THREE SIXTY REAL ESTATE SOLUTIONS LLC
3RD & MAIN LLC

C/O THREE SIXTY REAL ESTATE SOLUTIONS LLC
3RD & MAIN LLC

N

BORING B13
STA 61+48, 10' LT

CHARTER

CITY OF ONALASKA WATER

RIVERLAND

MATCH LINE STA 60+00.00

MATCH LINE STA 65+50.00

B13

61+00

62+00

N89° 27' 52"E
2368.01'

63+00

64+00

65+00

B14

RIDERS CLUB ROAD

CITY OF ONALASKA SANITARY SEWER

RIVERLAND

XCEL

CENTURYLINK

TO MENARDS

MENARD INC

BORING B14
STA 65+50, 8' RT

5

5

730

720

710

705

STA 60+00.00 EL 713.96

STA 61+00.00 EL 714.42

STA 62+00.00 EL 714.77

STA 62+50.00 EL 715.01

STA 62+58.52 EL 715.07

STA 63+00.00 EL 715.43

STA 63+50.00 EL 715.92

STA 64+00.00 EL 716.29

STA 64+50.00 EL 716.67

STA 65+00.00 EL 717.09

STA 65+50.00 EL 717.47

0.46%

0.35%

0.48%

0.63%

0.87%

0.98%

0.73%

0.77%

0.84%

0.75%

PROFILE ℄ ELEVATION

FINISHED ℄ PROFILE

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

713.89	714.09	714.35	714.48	714.70	714.96	715.43	715.92	716.29	716.67	717.09	717.47
713.96	714.19	714.42	714.60	714.77	715.01	715.43	715.92	716.29	716.67	717.09	717.47

60+00 61+00 62+00 63+00 64+00 65+00 65+50

PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 51	E

FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\050101-PP-RIDERS.DWG
LAYOUT NAME - 050110

PLOT DATE : 7/20/2017 3:50 PM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:40 FT

C/O THREE SIXTY REAL ESTATE SOLUTIONS LLC
3RD & MAIN LLC

JKS HOLDINGS LLC

JKS HOLDINGS LLC

N

REMOVE 3 TREES

BORING B15
STA 69+46, 10' LT

STA 68+48 TO STA 68+58
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK, 4" (10'X5')

STA 68+78 TO STA 68+88
REMOVE CONCRETE SIDEWALK
CONCRETE SIDEWALK, 4" (10'X5')

STA 71+00
SAWCUT REQ'D
MATCH EXISTING
SEE PAVEMENT MARKING SHEETS
FOR WORK BEYOND

CITY OF ONALASKA
WATER

CHARTER

B15

66+00 67+00 68+00 69+00 70+00 71+00

B14

RIDERS CLUB ROAD

MATCH LINE STA 65+50.00

RIVERLAND

CITY OF ONALASKA
SANITARY SEWER

XCEL

CENTURYLINK

TO MENARDS

BORING B14
STA 65+50, 8' RT

MENARD INC

MENARD INC

5

5

740
730
720
710

STA 65+50.00 EL 717.47
STA 66+00.13 EL 717.79
STA 66+50.00 EL 718.19
STA 67+00.00 EL 718.64
STA 67+50.00 EL 719.09
STA 68+00.00 EL 719.40
STA 68+50.00 EL 719.82
STA 69+00.00 EL 720.27
STA 69+50.00 EL 720.72
STA 70+00.00 EL 721.07
STA 70+50.00 EL 721.51
STA 71+00.00 EL 722.01

0.65% 0.80% 0.89% 0.90% 0.61% 0.84% 0.90% 0.90% 0.69% 0.89% 0.99%

PROFILE ℄ ELEVATION

FINISHED ℄ PROFILE

EXISTING ℄ ELEVATION

FINISHED ℄ ELEVATION

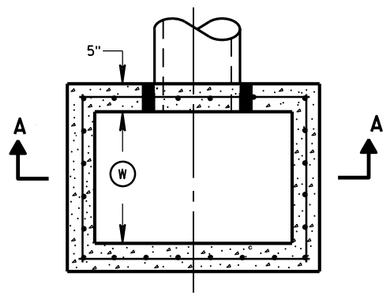
717.47 717.47
717.79 717.79
718.19 718.19
718.64 718.64
719.09 719.09
719.33 719.40
719.82 719.82
720.27 720.27
720.72 720.72
721.07 721.07
721.45 721.51
721.94 722.01
722.10 722.14

65+50 66+00 67+00 68+00 69+00 70+00 71+00 71+15

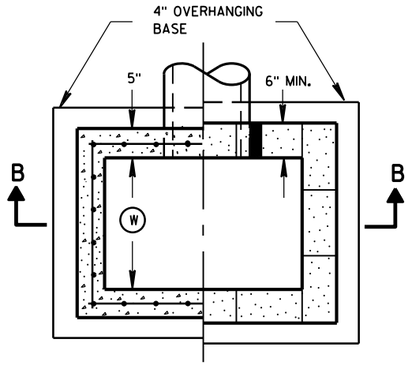
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	PLAN AND PROFILE: RIDERS CLUB ROAD	SHEET 52	E

Standard Detail Drawing List

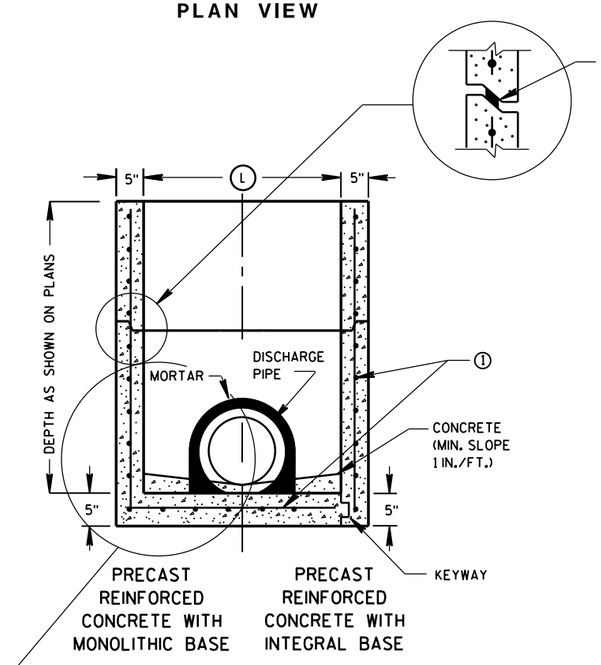
08C07-02	INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT
08D01-20A	CONCRETE CURB & GUTTER
08D01-20B	CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS
08D05-19A	CURB RAMPS TYPES 1 AND 1-A
08D05-19B	CURB RAMPS TYPES 2 AND 3
08D05-19C	CURB RAMPS TYPES 4A AND 4A1
08D05-19D	CURB RAMPS TYPE 4B AND 4B1
08D05-19E	CURB RAMPS TYPES 5, 6, 7A, 7B & 8
08D05-19F	CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS
08D05-19G	CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES
08D18-01	DRIVEWAY AND SIDEWALK RAMPS TYPES X & Y
08D19-01	DRIVEWAY AND SIDEWALK RAMPS TYPE Z
08E10-02	INLET PROTECTION TYPE A, B, C AND D
15C02-06A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C02-06B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15C03-03	BARRICADES AND SIGNS FOR SIDEROAD CLOSURES
15C05-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS
15C07-14A	PAVEMENT MARKING SYMBOLS
15C07-14B	PAVEMENT MARKING WORDS
15C07-14C	PAVEMENT MARKING ARROWS
15C07-14E	PAVEMENT MARKING FOR BIKE LANES
15C08-18A	LONGITUDINAL MARKING (MAINLINE)
15C08-18B	PAVEMENT MARKING (TURN LANES)
15C12-06	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-04A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15C29-05A	BICYCLE LANE MARKING
15C29-05B	PAVEMENT MARKING FOR SHARED LANE 35 MPH OR LESS
15C33-02	STOP LINE AND CROSSWALK PAVEMENT MARKING
15C35-01A	PAVEMENT MARKING (INTERSECTIONS)
15D30-03A	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION
15D30-03B	TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION
15D30-03C	TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION



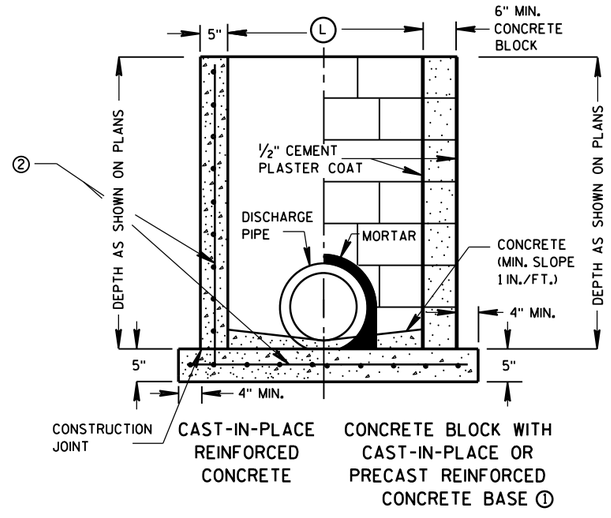
PLAN VIEW



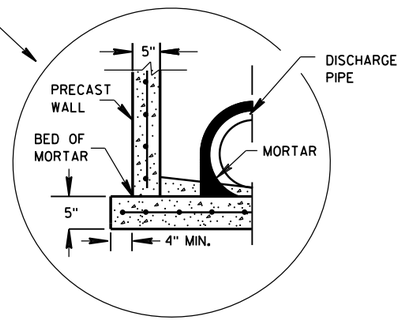
PLAN VIEW



SECTION A-A



SECTION B-B



SEPARATE PRECAST REINFORCED CONCRETE BASE OPTION

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.

UNLESS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE CONTRACTOR SHALL NOT ORDER AND DELIVER PRECAST INLET UNITS REQUIRED FOR THE PROJECT UNTIL A LIST OF SIZES IS FURNISHED BY THE ENGINEER.

DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR UNDERGROUND DRAINAGE STRUCTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.

ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF ASTM C 913.

ALL DRAINAGE STRUCTURES ARE DESIGNATED ON THE PLANS AS "MANHOLES 3X3-L", "CATCH BASINS 4-B", "INLETS 2X3-H", ETC. THE FIRST NUMBERS DESIGNATES THE SIZE OF THE STRUCTURE, AND THE FOLLOWING LETTER DESIGNATES THE TYPE OF COVER TO BE USED TO COMPRISE THE COMPLETE UNIT.

BASES SHALL BE PLACED ON A BED OF MATERIAL AT LEAST 6 INCHES IN DEPTH, WHICH MEETS THE REQUIREMENTS OF FOUNDATION BACKFILL. THIS BEDDING SHALL BE COMPACTED AND PROVIDE UNIFORM SUPPORT FOR THE ENTIRE AREA OF THE BASE.

ALL BAR STEEL REINFORCEMENT SHALL BE EMBEDDED 2 INCHES CLEAR UNLESS OTHERWISE SHOWN OR NOTED.

PRECAST REINFORCED RISERS SHALL HAVE A TONGUE AND GROOVE JOINT WITH TONGUE UP OR DOWN.

4" OVERHANGING BASES ARE REQUIRED FOR CAST-IN-PLACE REINFORCED CONCRETE AND CONCRETE BLOCK INSTALLATIONS.
4" OVERHANG IS REQUIRED WHEN SEPARATE PRECAST BASE IS PROVIDED.
OVERHANG IS NOT REQUIRED ON PRECAST STRUCTURES WITH AN INTEGRAL OR MONOLITHIC BASE.

MAXIMUM INSIDE PIPE DIAMETER DETERMINED BY 3 INCH CLEARANCE ON EACH SIDE OF THE OUTSIDE WALL OF THE PIPE. SEE DETAIL "A". ASSUMES PIPE ENTERS PERPENDICULAR TO THE STRUCTURE.

① FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.

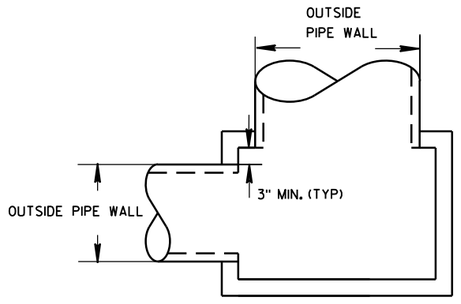
② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

INLET SIZE		INLET COVER TYPE	ALL A'S	ALL B'S	BW	F	ALL H'S	S	T	V	WM
	WIDTH (W) (FT)	LENGTH (L) (FT)									
2X2-FT	2	2	X	X				X		X	
2X2.5-FT	2	2.5			X			X	X	X	X
2X3-FT	2	3					X				
2.5X3-FT	2.5	3				X					

PIPE MATRIX

INLET SIZE	MAXIMUM INSIDE PIPE DIAMETER	
	WIDTH (IN)	LENGTH (IN)
2X2-FT	12	12
2X2.5-FT	12	18
2X3-FT	12	24
2.5X3-FT	18	24



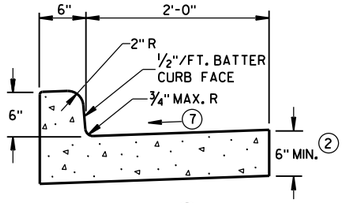
DETAIL "A"

INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT

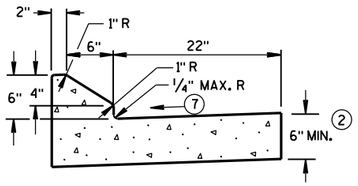
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept., 2016 — DATE
/S/ Rodney Taylor
ROADWAY STANDARDS D IT UNIT SUPERVIS
FHWA

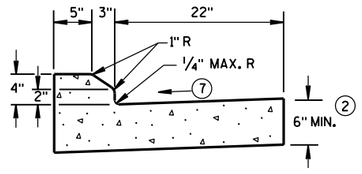
INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT



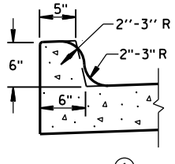
TYPES A (1) & D



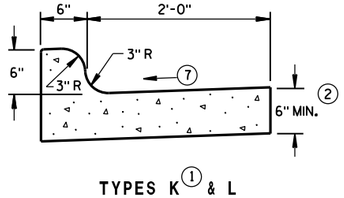
6" SLOPED CURB TYPES G (1) & J



4" SLOPED CURB TYPES G (1) & J

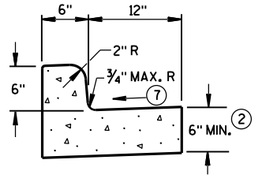


TYPES K (1) & L
(OPTIONAL CURB SHAPE)



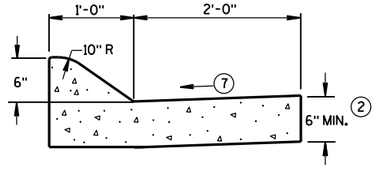
TYPES K (1) & L

CONCRETE CURB & GUTTER 30"

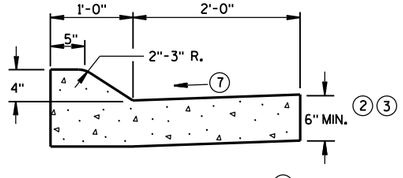


TYPES A (1) & D

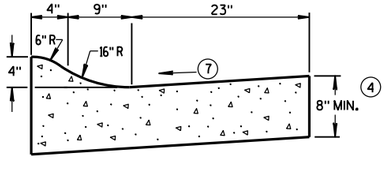
CONCRETE CURB & GUTTER 18"



6" SLOPED CURB TYPES A (1) & D

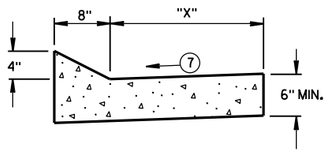


4" SLOPED CURB TYPES A (1) & D



4" SLOPED CURB TYPES R (1) & T (5)

CONCRETE CURB & GUTTER 36"



TYPES TBT & TBTT (1)

CONCRETE CURB & GUTTER

TBT & TBTT	"X"
30"	22"
36"	28"

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE.

WHERE THE TRANSVERSE JOINTS IN THE PAVEMENT ARE REQUIRED TO BE SEALED, THE JOINTS IN THE INTEGRAL CURB AND GUTTER SHALL BE SEALED TO THE FACE OF CURB WITH THE SAME TYPE OF SEALANT. THE COST OF FURNISHING AND INSTALLING THIS SEALANT SHALL BE INCIDENTAL TO THE ITEM CONCRETE CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(3) USE 8" MINIMUM GUTTER THICKNESS WHEN USED WITH AN ADJACENT CONCRETE TRUCK APRON PLACED BEHIND BACK OF CURB.

(4) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 8" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(5) THE FACE OF CURB IS 6" FROM THE BACK OF CURB.

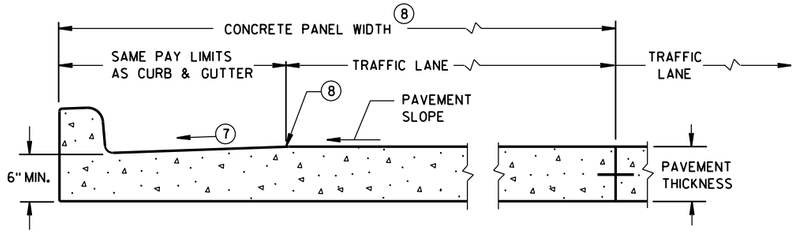
(6) WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

(7) USE 4% GUTTER CROSS SLOPE UNLESS OTHERWISE NOTED IN THE PLANS.

(8) INCLUDE LONGITUDINAL JOINT AND TIE BARS ALONG LANE EDGE WHEN CONCRETE PANEL WIDTH EXCEEDS THE MAXIMUM WIDTH PER TABLE BELOW. LONGITUDINAL JOINT(S) ARE NOT ALLOWED WITHIN TRAFFIC LANES AND BIKE LANES. LONGITUDINAL JOINT MAY BE SAWED.

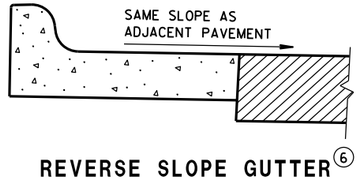
PAVEMENT THICKNESS AND MAXIMUM CONCRETE PANEL WIDTH TABLE

PAVEMENT THICKNESS	MAXIMUM PANEL WIDTH
LESS THAN 10"	12'
10" & ABOVE	15'



PARTIAL SECTION OF PAVEMENT *
WITH INTEGRAL CURB & GUTTER

* BIKE LANE IS NOT SHOWN.

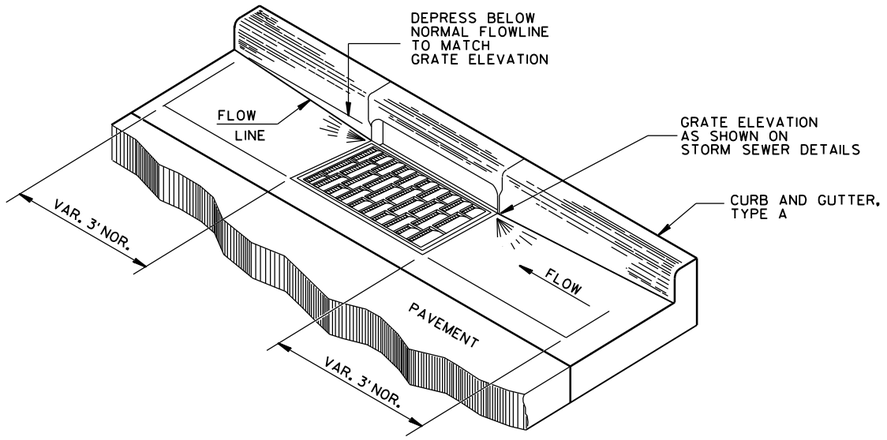


REVERSE SLOPE GUTTER (6)
(TYPICAL FOR ALL CURB & GUTTER TYPES)

CONCRETE CURB & GUTTER

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

S.D.D. 8 D 1-20a



DETAIL OF CURB AND GUTTER AT INLETS

(TYPE H INLET COVER SHOWN)

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

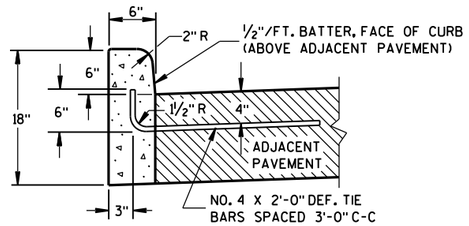
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE AGGREGATE AND COMMON EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

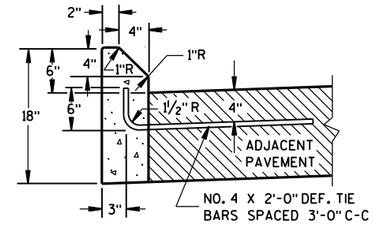
(1) TIE BARS ARE REQUIRED FOR CURB AND GUTTER TYPES A, G, K, R AND TBTT.

(2) THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

(9) REFER TO SDD 8D18 AND SDD 8D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.

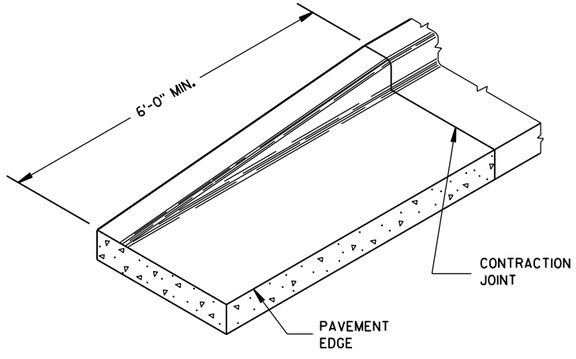


TYPES A (1) & D

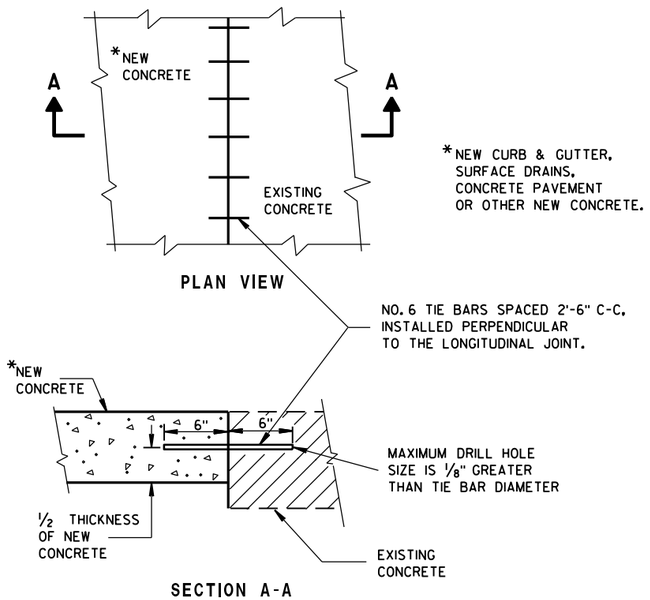


TYPES G (1) & J

CONCRETE CURB



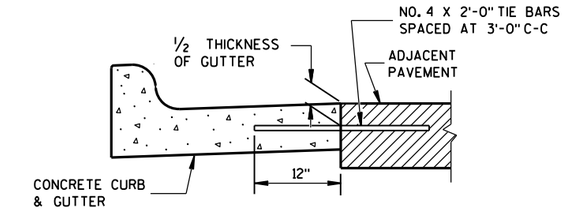
END SECTION CURB & GUTTER



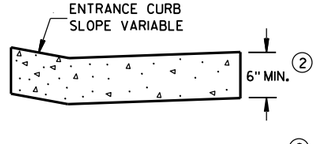
PLAN VIEW

SECTION A-A

TIE BARS DRILLED INTO EXISTING PAVEMENT



TYPICAL TIE BAR LOCATION (1)



DRIVEWAY ENTRANCE CURB (9)

(WHEN DIRECTED BY THE ENGINEER)

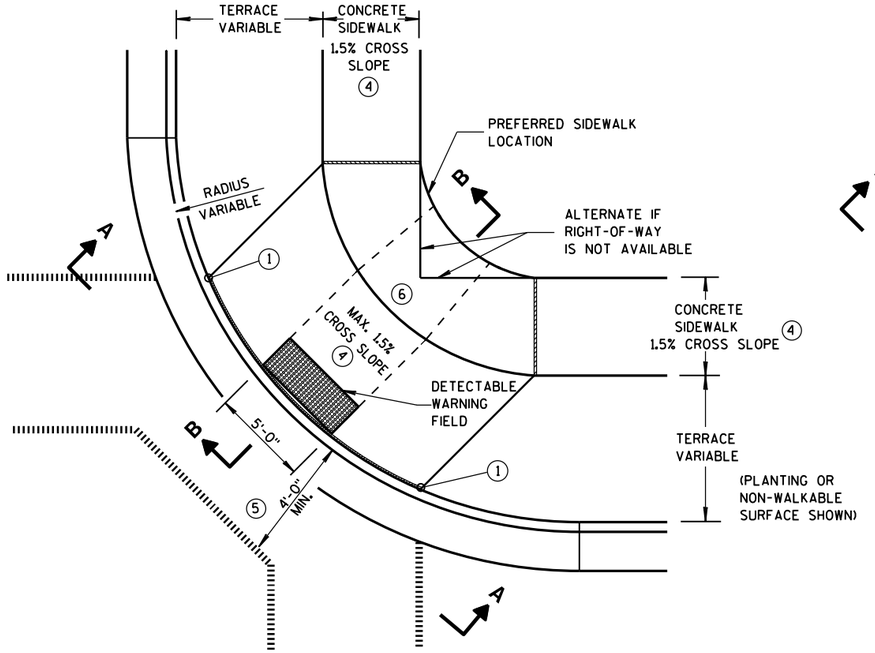
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERVISOR
56 — ENT
FHWA

6

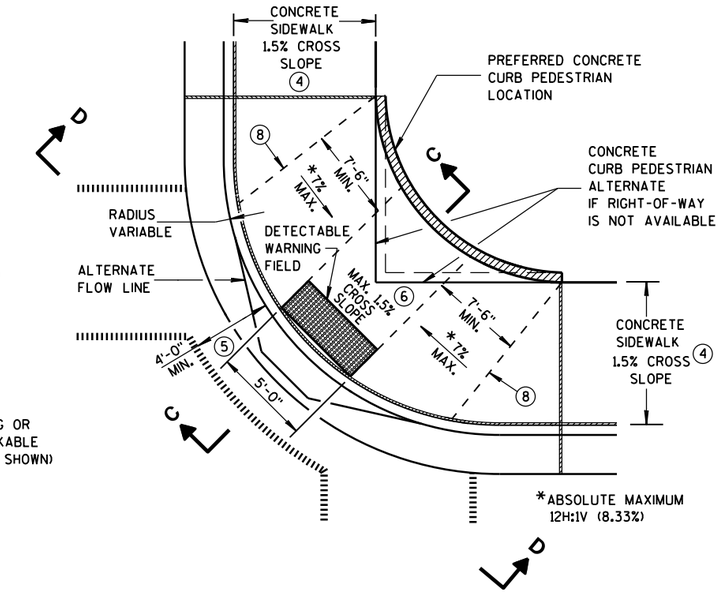
S.D.D. 8 D 1-20b



PLAN VIEW

TYPE 1 RAMP

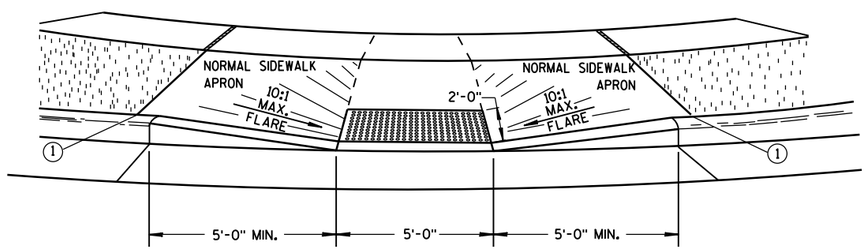
(CENTER OF CORNER RADIUS)



PLAN VIEW

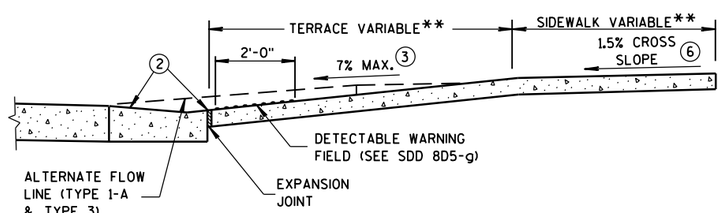
TYPE 1-A RAMP

(NO TERRACE)

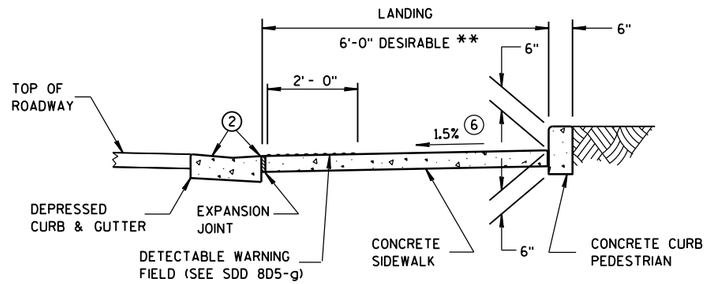


VIEW A-A

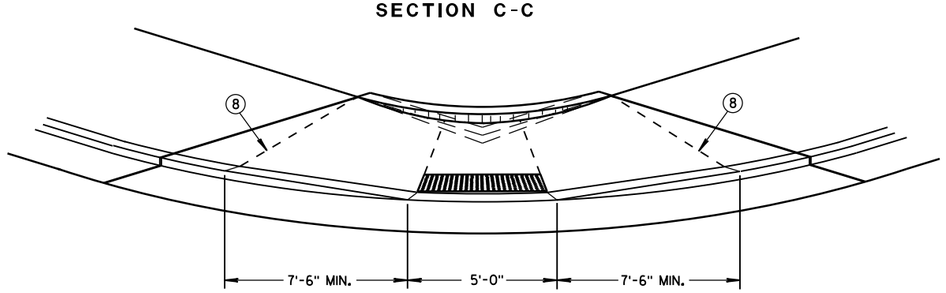
** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



SECTION C-C



VIEW D-D

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

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.

WHEN NECESSARY, THE SIDEWALK ELEVATION MAY BE LOWERED TO MEET THE HIGH POINT ON THE RAMP.

TYPE 1 RAMPS SHALL HAVE A NORMAL SIDEWALK APRON AND CURB ON BOTH SIDES OF RAMP.

DETECTABLE WARNING FIELD SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS "CURB RAMP DETECTABLE WARNING FIELD". THE CONCRETE PEDESTRIAN CURB, IF NEEDED, SHALL BE MEASURED AND PAID BY THE LINEAL FOOT AS "CONCRETE CURB PEDESTRIAN". CONCRETE SIDEWALK IN THE CURB RAMP AREA SHALL BE MEASURED AND PAID BY THE SQUARE FOOT AS CONCRETE SIDEWALK, INCLUDING THE AREA UNDER THE DETECTABLE WARNING FIELD.

SELECT CURB RAMP DETECTABLE WARNING FIELD MATERIALS AND DEVICES FROM THE DEPARTMENT'S APPROVED MATERIALS LIST. THE COLOR OF THE DETECTABLE WARNING FIELD IS SPECIFIED ELSEWHERE AND IS INCIDENTAL TO THE BID ITEM OF "CURB RAMP DETECTABLE WARNING FIELD".

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

SURFACE TEXTURE OF THE RAMP SHALL BE OBTAINED BY COARSE BROOMING TRANSVERSE TO THE SLOPE OF THE RAMP.

(1) THIS POINT IS AN EXTENSION OF OUTSIDE EDGE OF APPROACHING SIDEWALK WHERE IT MEETS THE BACK OF CONCRETE CURB. POINT LOCATION MAY BE ADJUSTED TO ALIGN WITH BEGINNING OF FULL-HEIGHT CURB IF THIS DISTANCE IS SHORT.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(5) PROVIDE A LEVEL LANDING IN THE STREET AND GUTTER AREA. (2% MAXIMUM SLOPE IN ANY DIRECTION). WHEN THE GUTTER SLOPE EXCEEDS 2%, CONSTRUCT THE LEVEL LANDING IN THE STREET AREA.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

LEGEND

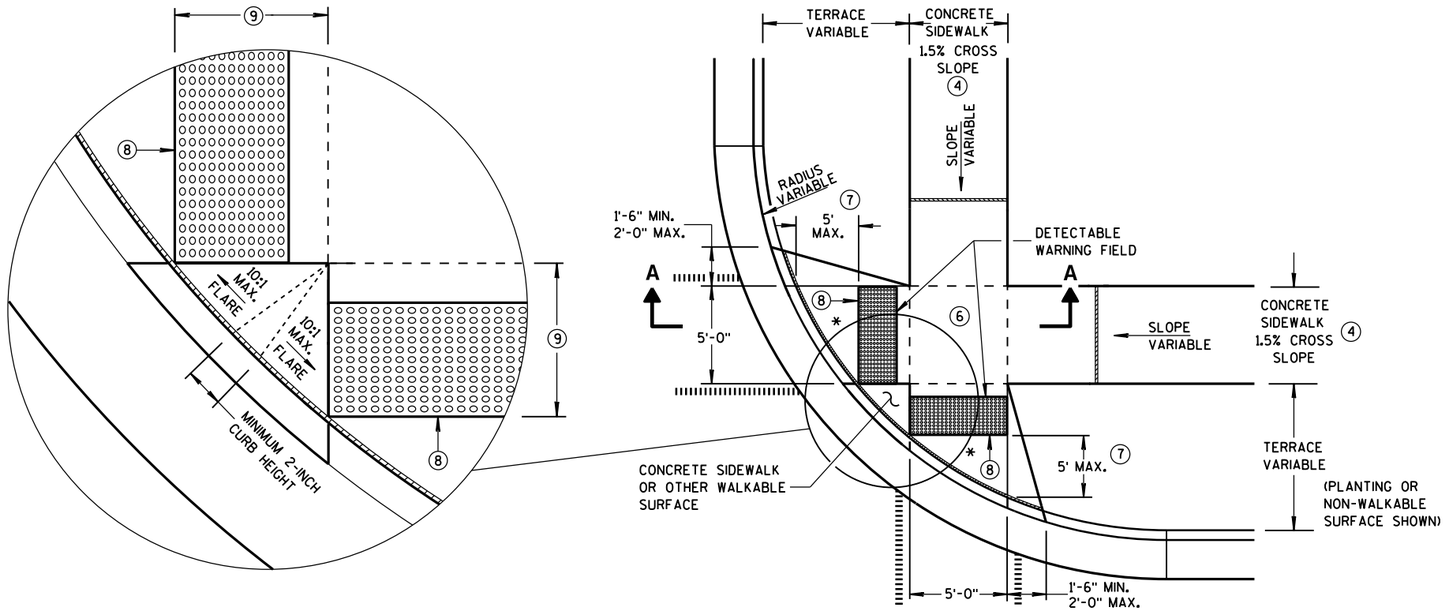
- 1/2" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 1 AND 1-A

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOI

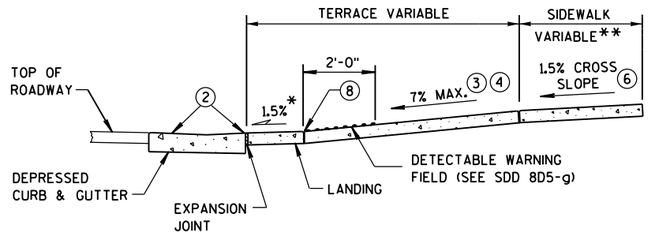
6

S.D.D. 8 D 5-19a



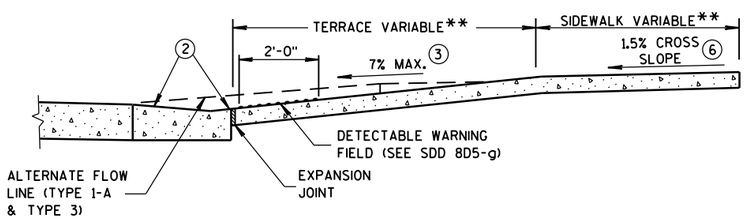
PLAN VIEW
TYPE 2 RAMP
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

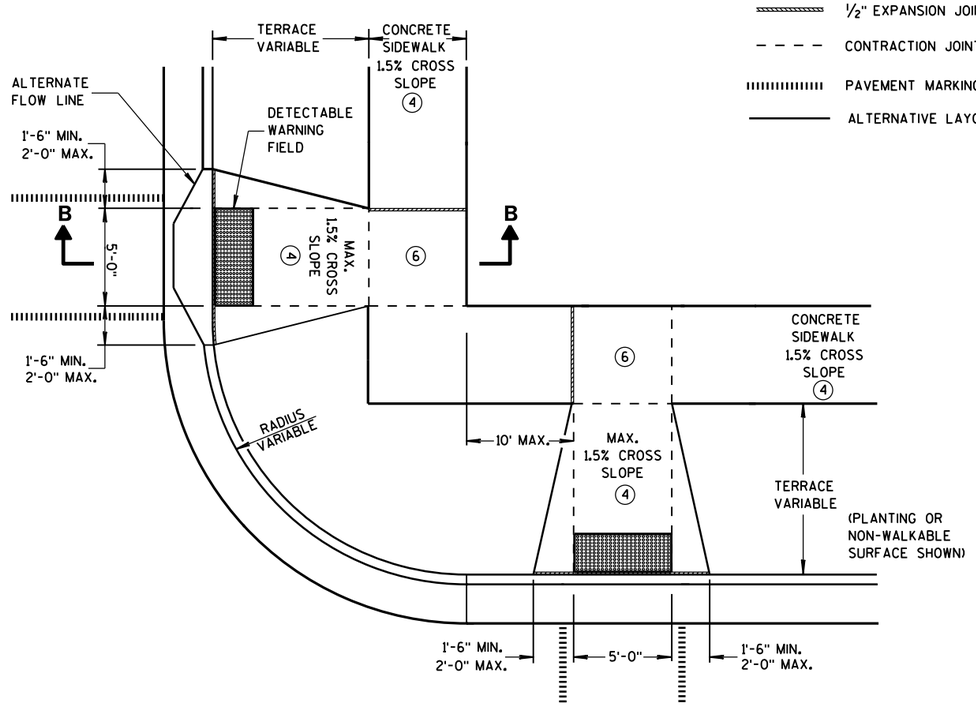


SECTION A-A

** WIDTH SHOWN ELSEWHERE IN THE PLANS



SECTION B-B



PLAN VIEW
TYPE 3 RAMP
(OUTSIDE OF CROSSWALK AREA)

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(9) WHEN THIS DISTANCE IS LESS THAN 6'-0", IT MAY BE DIFFICULT TO ACHIEVE A 7% SLOPE OR FLATTER ALONG THE RAMP. REDUCE CURB HEIGHT IN TRIANGLE AREA TO ACHIEVE 7% SLOPE OR FLATTER ON RAMP. CONSTRUCT 2-INCH MINIMUM CURB HEIGHT BETWEEN 10:1 FLARES.

LEGEND

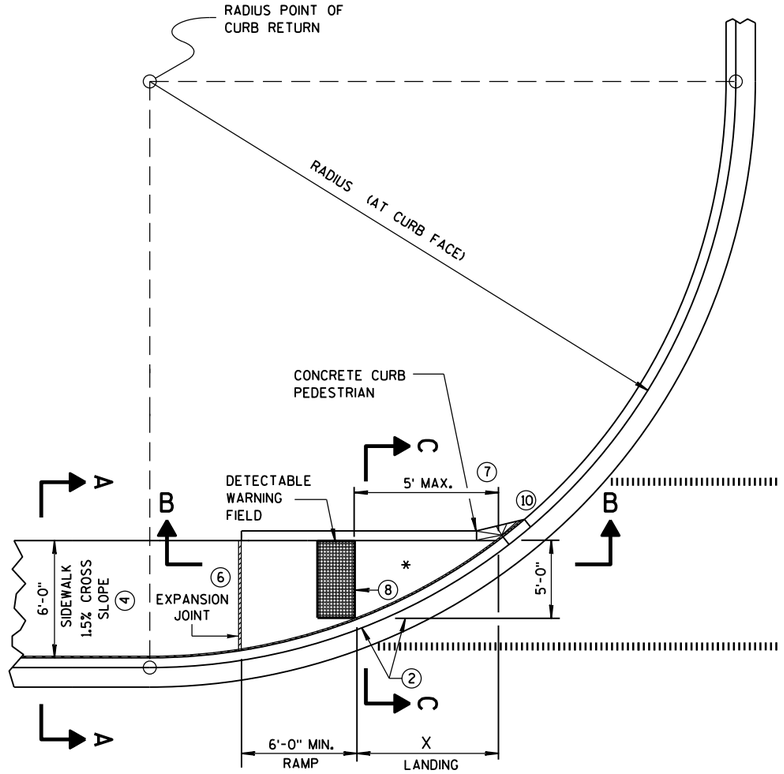
- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)
- ALTERNATIVE LAYOUT

CURB RAMPS TYPES 2 AND 3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

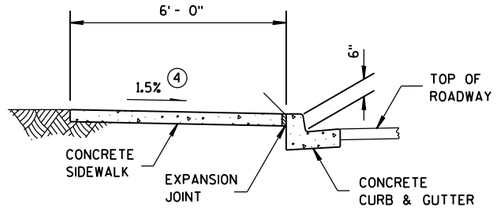
S.D.D. 8 D 5-19b



CURB RAMP TYPE 4A
PLAN VIEW

RADIUS (AT CURB FACE)	X
10 FEET	4'-7"
15 FEET	6'-5½"

INTERMEDIATE RADII CAN BE INTERPOLATED



SECTION A-A FOR TYPE 4A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

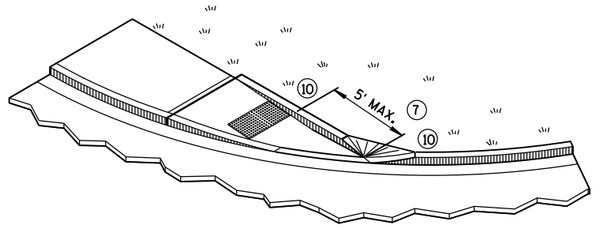
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

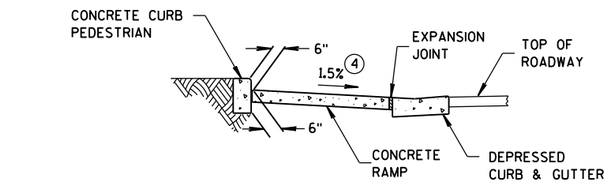
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

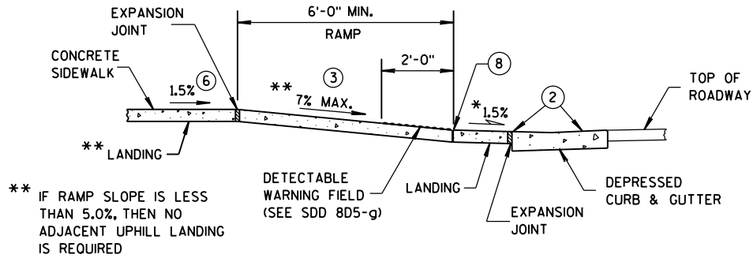
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



ISOMETRIC VIEW FOR TYPE 4A



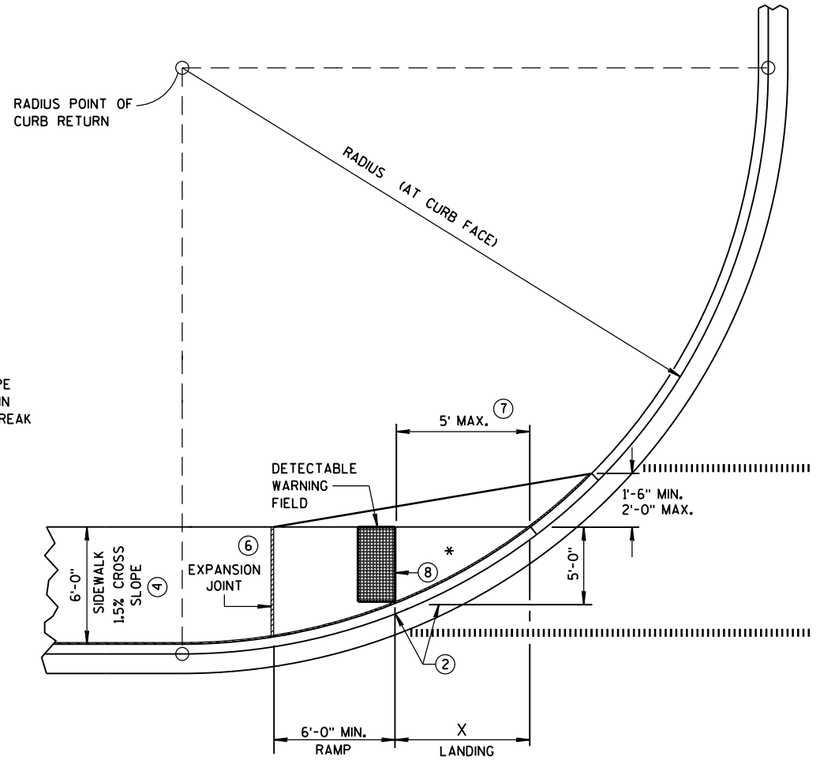
SECTION C-C FOR TYPE 4A



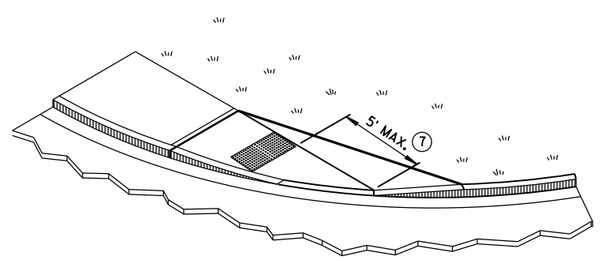
** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

SECTION B-B FOR TYPE 4A

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK



CURB RAMP TYPE 4A1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4A1

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

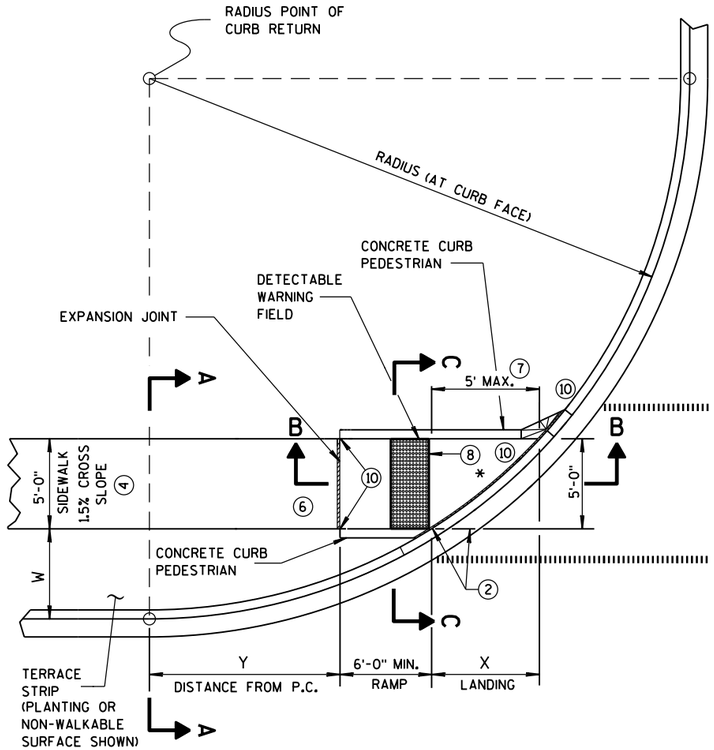
PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 4A AND 4A1

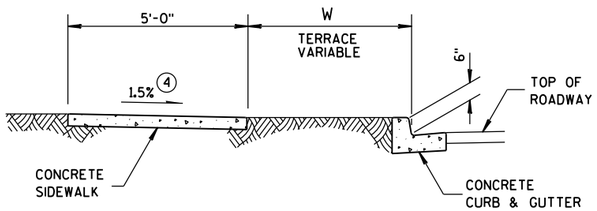
STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

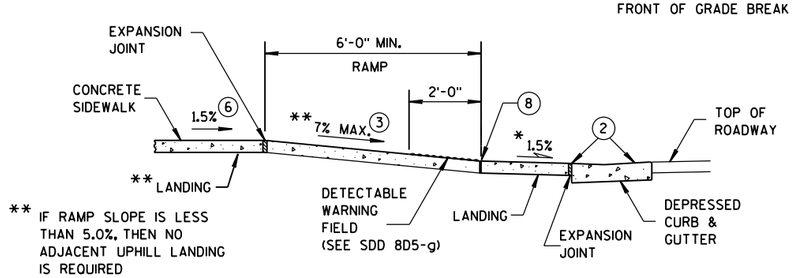
S.D.D. 8 D 5-19c



CURB RAMP TYPE 4B
PLAN VIEW



SECTION A-A FOR TYPE 4B



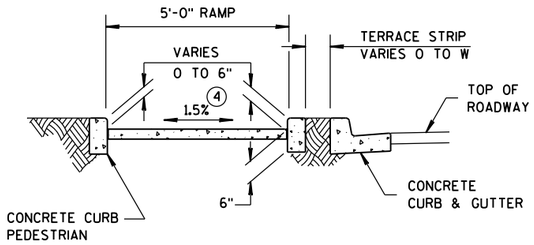
* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

SECTION B-B FOR TYPE 4B

RADIUS (AT CURB FACE)	W = 3'-0"		W = 4'-0"		W = 5'-0"		W = 6'-0"		W = 7'-0"		W = 8'-0"		W = 9'-0"		W = 10'-0"	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
10 FEET	2'-10¼"	0'-5"	2'-1"	1'-4½"	1'-5"	2'-1"	0'-10"	2'-7½"	0'-3¼"	3'-0¼"						
15 FEET	4'-6¾"	2'-1¾"	3'-9"	3'-5¼"	3'-1¼"	4'-6"	2'-6¾"	5'-4½"	2'-1"	6'-1"	1'-8"	6'-8½"	1'-3¼"	7'-2½"	0'-10¾"	7'-7¼"
20 FEET	5'-9¾"	3'-6½"	4'-11½"	5'-1¾"	4'-3¼"	6'-5½"	3'-8¾"	7'-7"	3'-3"	8'-6½"	2'-10"	9'-4½"	2'-5½"	10'-1¼"	2'-1¼"	10'-9"
30 FEET			6'-9¼"	7'-11¼"	6'-0¼"	9'-8"	5'-5"	11'-1¾"	4'-10¾"	12'-5¾"	4'-5½"	13'-7¾"	4'-0¾"	14'-8½"	3'-8½"	15'-8¼"
40 FEET									6'-1¾"	15'-8½"	5'-8"	17'-2"	5'-3"	18'-5¾"	4'-10¾"	19'-8¼"
50 FEET															5'-10¼"	23'-2"

INTERMEDIATE RADII CAN BE INTERPOLATED
DIMENSION "Y" IS CALCULATED BASED ON 6'-0" RAMP LENGTH
DIMENSION "X" IS CALCULATED BASED ON 5'-0" SIDEWALK WIDTH



SECTION C-C FOR TYPE 4B

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

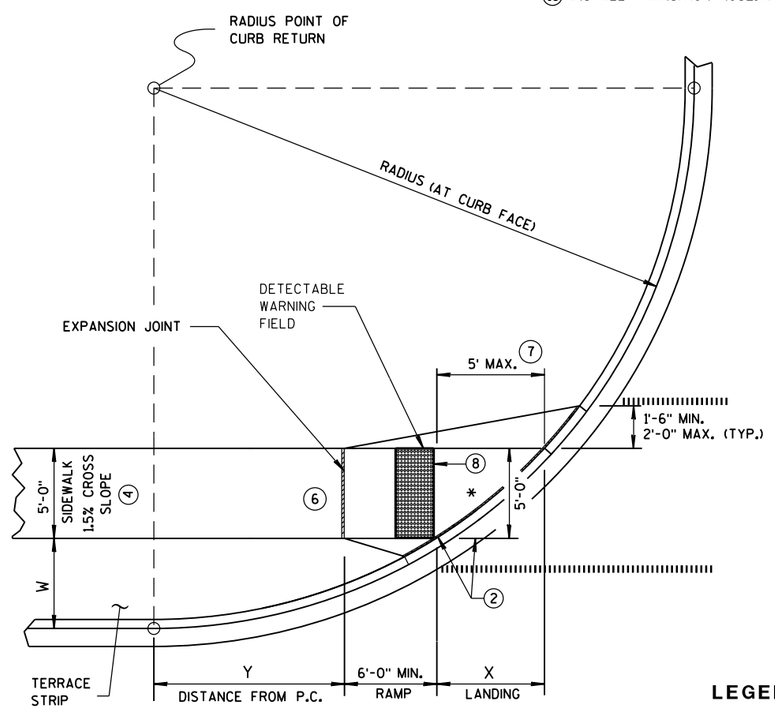
(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

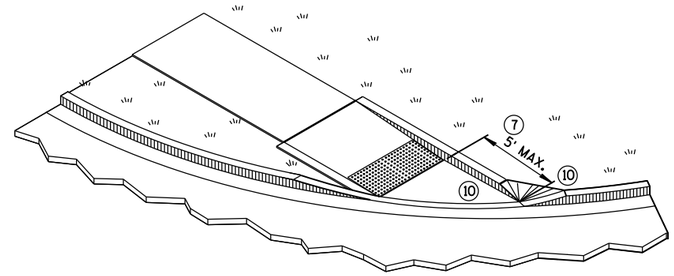
(7) WHEN THIS GRADE BREAK DISTANCE EXCEEDS 5 FEET, USE RADIAL DETECTABLE WARNING FIELD PER SDD 8D5-f.

(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

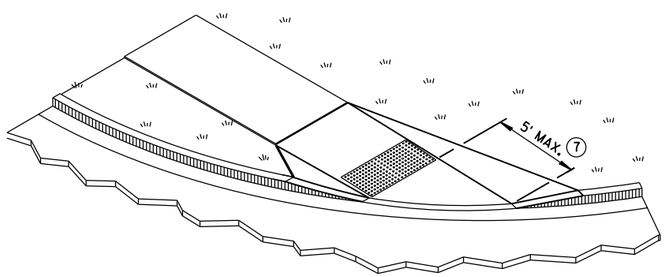
(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.



CURB RAMP TYPE 4B1
PLAN VIEW



ISOMETRIC VIEW FOR TYPE 4B



ISOMETRIC VIEW FOR TYPE 4B1

LEGEND

½" EXPANSION JOINT-SIDEWALK

CONTRACTION JOINT FIELD LOCATED

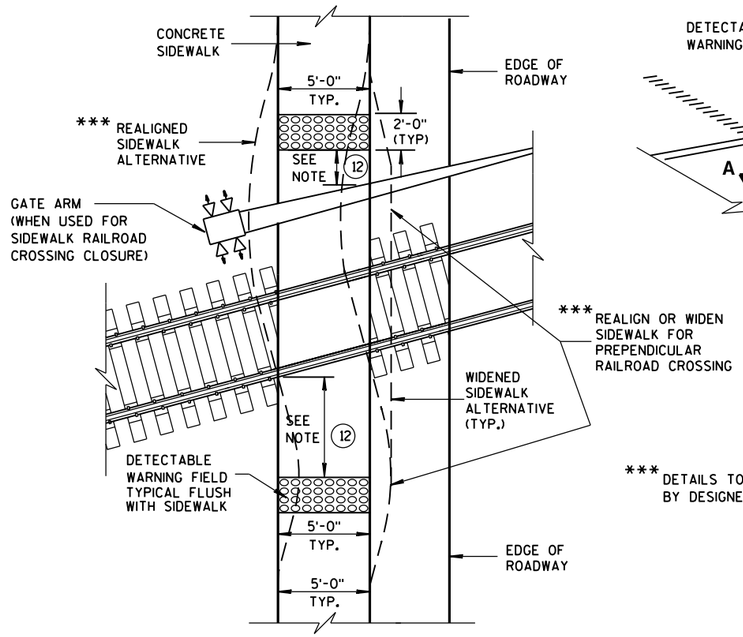
PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS TYPE 4B AND 4B1

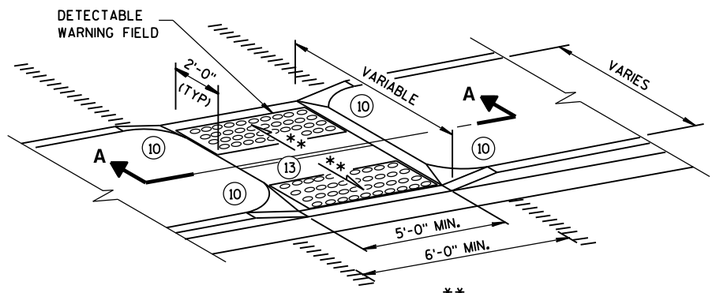
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 8 D 5-19d



TYPE 8
DETECTABLE WARNINGS AT RAILROAD CROSSING



** 1% MIN. (PROVIDE DRAINAGE)

*** DETAILS TO BE DETERMINED BY DESIGNER

MEDIAN ISLAND
NON-ELEVATED PEDESTRIAN CROSSING
TYPE 5

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN 1/4-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

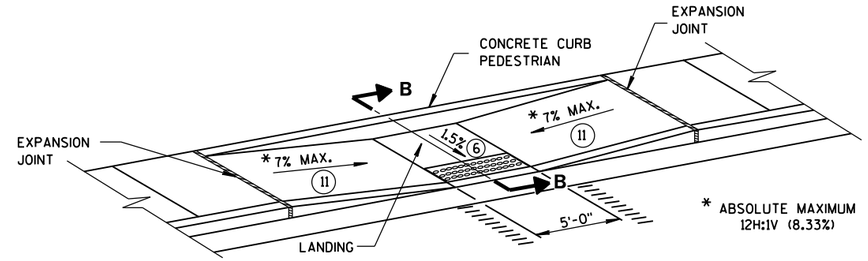
(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

(10) INSTALL TRANSITION NOSE. (INCIDENTAL TO OTHER PAY ITEMS). DO NOT MARK TRANSITION NOSE.

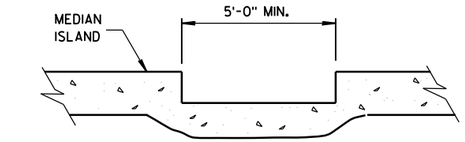
(11) SLOPE SIDEWALK TOWARD LANDING AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.

(12) THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO A RAILROAD CROSSING SHALL BE 1.5 FEET ± 0.1' FROM THE FACE OF THE GATE ARM IF THE GATE ARM EXTENDS ACROSS THE SIDEWALK. WHERE THERE IS NO PEDESTRIAN GATE, THE EDGE OF THE DETECTABLE WARNING FIELD NEAREST TO THE RAILROAD CROSSING SHALL BE 15 FEET FROM THE NEAREST RAIL.

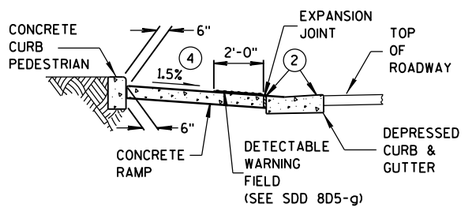
(13) DO NOT INSTALL DETECTABLE WARNING FIELDS AT THE EDGES OF STREET-LEVEL PEDESTRIAN REFUGE ISLANDS IF A MINIMUM 2-FOOT CONCRETE SURFACE WITHOUT DETECTABLE WARNINGS (MEASURED IN THE DIRECTION OF PEDESTRIAN TRAVEL) CANNOT BE ACHIEVED.



MID-BLOCK CROSSING
TYPE 7A

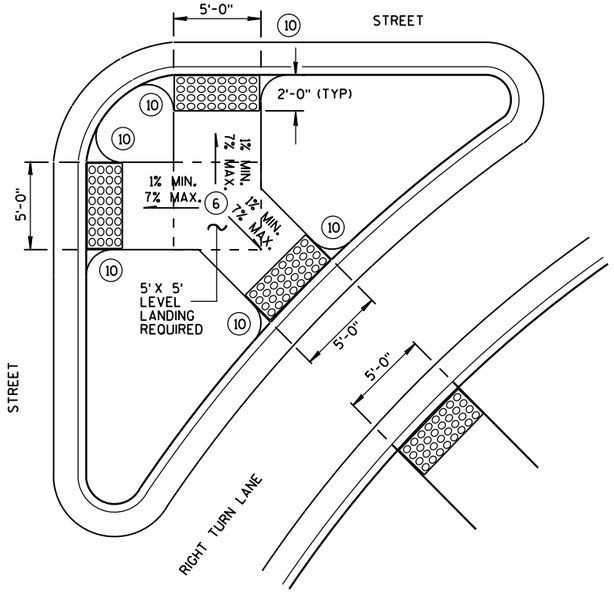


SECTION A-A

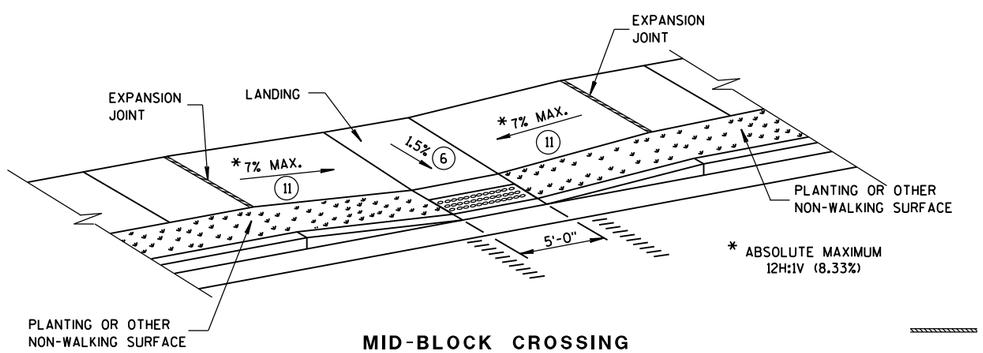


SECTION B-B

REFER TO GENERAL NOTES (2) AND (3) FOR ALL ISLAND CURB RAMPS



TYPE 6
DETECTABLE WARNING AT ISLANDS



MID-BLOCK CROSSING
TYPE 7B

NOTE: THESE PARALLEL AND PARALLEL/PERPENDICULAR CURB RAMPS MAY BE USED AT INTERSECTIONS AND MID BLOCK LOCATIONS.

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)

CURB RAMPS
TYPES 5, 6, 7A, 7B & 8

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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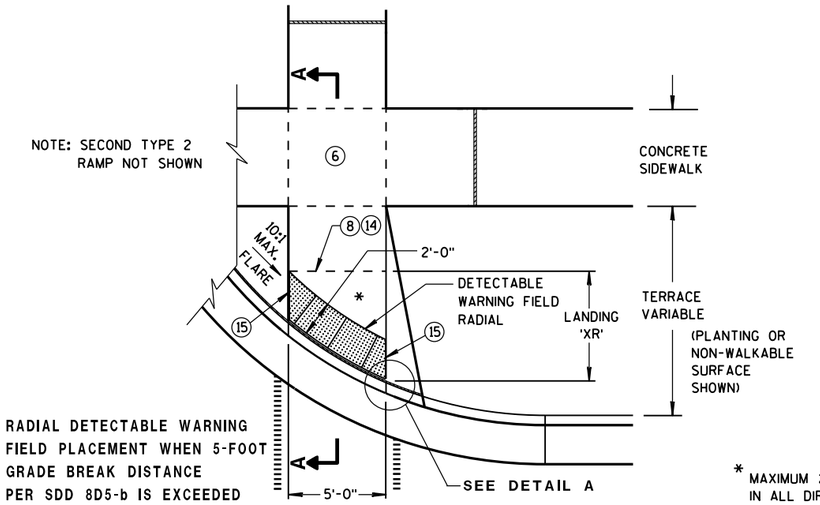
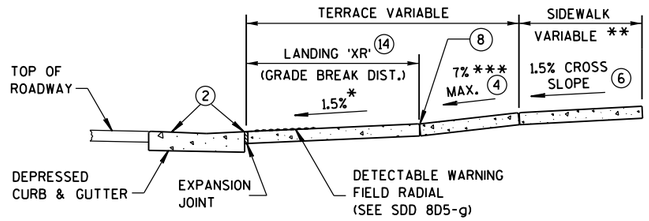


TYPE 2 RAMP
PLAN VIEW
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)
(ON LINE WITH SIDEWALK)

* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

LEGEND

- ½" EXPANSION JOINT-SIDEWALK
- CONTRACTION JOINT FIELD LOCATED
- PAVEMENT MARKING CROSSWALK (WHITE)



** WIDTH SHOWN ELSEWHERE IN THE PLANS

*** ABSOLUTE MAXIMUM 12H:1V (8.33%)

SECTION A-A

GENERAL NOTES

AVOID PLACING DRAINAGE STRUCTURES, JUNCTION BOXES OR OTHER OBSTRUCTIONS IN FRONT OF RAMP ACCESS AREAS.

DETECTABLE WARNING FIELDS (DWFs) THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

APPLY RADIAL DETECTABLE WARNING PLACEMENT SIMILARLY FOR TYPE 4A AND 4A1 CURB RAMPS AND SIMILARLY FOR TYPE 4B AND 4B1 CURB RAMPS. TYPE 4A AND 4B CURB RAMPS ARE NOT SHOWN.

REFER TO SDD 8D5-g FOR ADDITIONAL RADIAL PLATE REQUIREMENTS.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

(2) GRADE CHANGE BETWEEN GUTTER FLAG SLOPE AND THE CURB RAMP SLOPE SHALL NOT EXCEED 11%. MAXIMUM GUTTER FLAG SLOPE IS 4%. PROVIDE LONGITUDINAL DRAINAGE AROUND CURB AND AWAY FROM CURB RAMP. NO VERTICAL LIPS OR DISCONTINUITIES GREATER THAN ¼-INCH ARE ALLOWED. SLOPE OF CURB HEAD OPENING SHALL MATCH THE RAMP SLOPE, MINIMALLY 1.5% AND NOT TO EXCEED 7%. WHEN ADJACENT TO 1.5% LANDING, CONSTRUCT CURB HEAD OPENING AT 1.5% IN THE DIRECTION OF PEDESTRIAN TRAVEL.

(3) ABSOLUTE MAXIMUM 12H:1V (8.33%) CURB RAMP SLOPE IS ALLOWABLE WITH FLATTENED GUTTER FLAG SLOPE AND NOT TO EXCEED 11% GRADE CHANGE.

(4) ±0.5% CONSTRUCTION TOLERANCE IN SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

(6) PROVIDE A LEVEL LANDING (MAXIMUM 2% SLOPE) IN ANY DIRECTION OF PEDESTRIAN TRAVEL. STANDARD LANDING SIZE IS 5 FEET X 5 FEET.

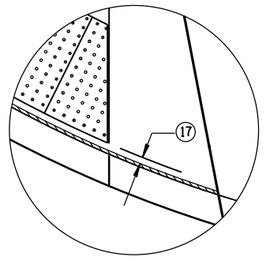
(8) PROVIDE GRADE BREAK PERPENDICULAR TO DIRECTION OF WHEELCHAIR TRAVEL.

(14) CONSULT ENGINEER IF GRADE BREAK LOCATION (END OF LANDING DIMENSION 'XR') REQUIRES FIELD ADJUSTMENT WHEN ESTABLISHING FINAL RADIAL DETECTABLE WARNING FIELD LOCATION.

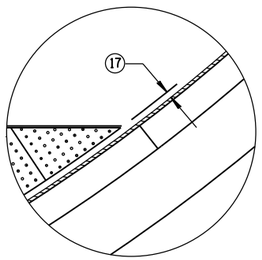
(15) FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

(16) USE 1'X 2' RECTANGULAR END PLATE AT END OF TYPE 4A1 RAMP AND PROVIDE MINIMUM 2'-0" DETECTABLE WARNING FIELD COVERAGE (IN DIRECTION OF PEDESTRIAN TRAVEL) ALONG THE ENTIRE CURB RAMP WIDTH.

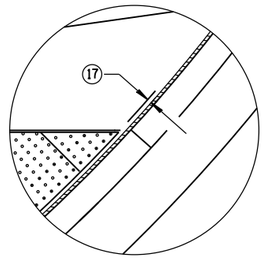
(17) A MAXIMUM 3-INCH CONCRETE BORDER WIDTH IS ALLOWABLE IN FRONT OF RADIAL DETECTABLE WARNING FIELD FOR CONSTRUCTABILITY PURPOSES. CONCRETE BORDER WIDTH MAY VARY UP TO 1 INCH.



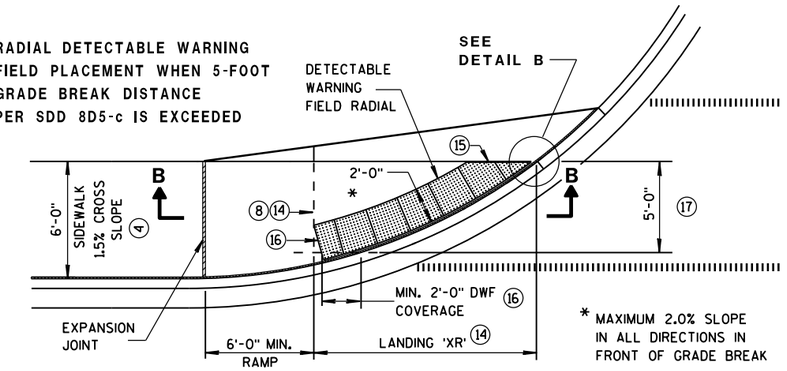
DETAIL A



DETAIL B

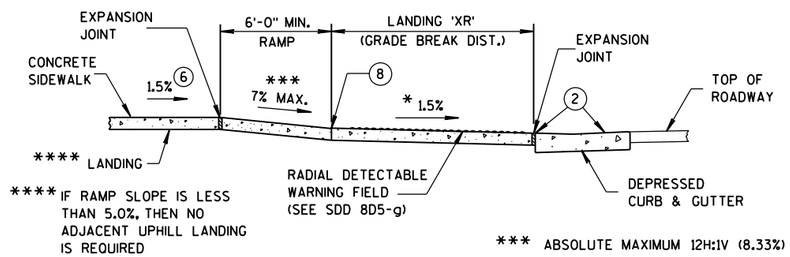


DETAIL C



* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

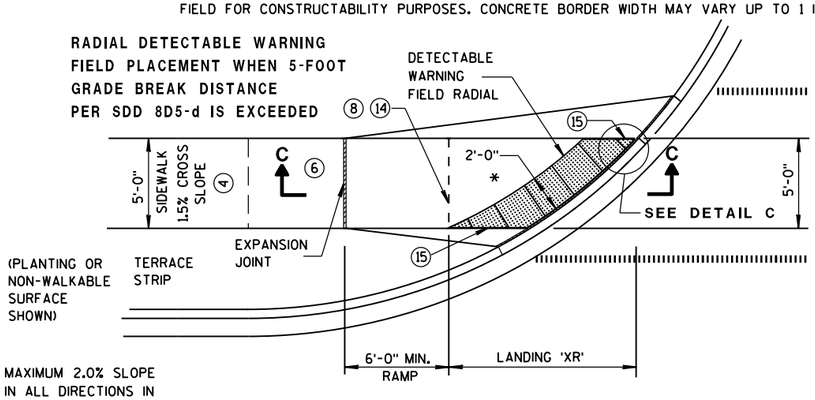
CURB RAMP TYPE 4A1
PLAN VIEW
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

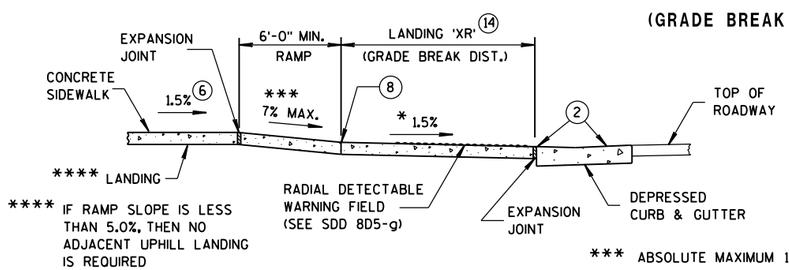
*** ABSOLUTE MAXIMUM 12H:1V (8.33%)

SECTION B-B FOR TYPE 4A1



* MAXIMUM 2.0% SLOPE IN ALL DIRECTIONS IN FRONT OF GRADE BREAK

CURB RAMP TYPE 4B1
PLAN VIEW
(GRADE BREAK DISTANCE GREATER THAN 5 FEET)



**** IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO ADJACENT UPHILL LANDING IS REQUIRED

*** ABSOLUTE MAXIMUM 12H:1V (8.33%)

SECTION C-C FOR TYPE 4B1

CURB RAMPS
RADIAL DETECTABLE WARNING FIELD APPLICATIONS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

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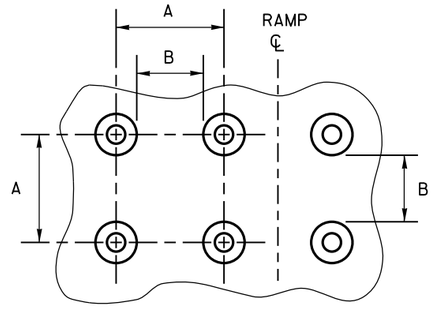
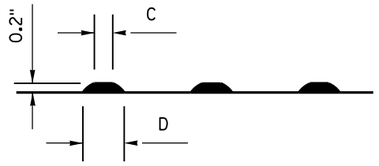
	MIN.	MAX.
A	1.6"	2.4"
B	0.65"	1.5"
C	*	*
D	0.9"	1.4"

* THE C DIMENSION IS 50% TO 65% OF THE D DIMENSION.



PLAN VIEW



ELEVATION VIEW

TRUNCATED DOMES

DETECTABLE WARNING PATTERN DETAIL

GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AS A GROUP OR SIDE BY SIDE, SHALL BE FROM THE SAME MANUFACTURER.

PLACE ALL DETECTABLE WARNING FIELD SYSTEMS IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATION.

FIELD CUTS AT INTERMEDIATE JOINTS WITHIN THE RADIAL DETECTABLE WARNING FIELD ARE PROHIBITED.

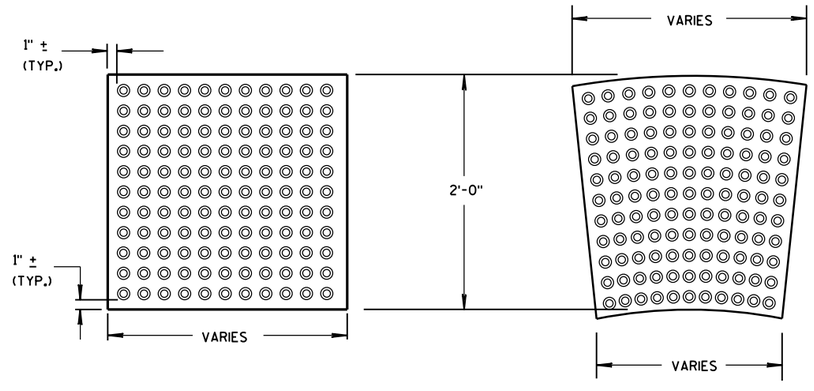
DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS. PERFORM PRE-LAYOUT PRIOR TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

FOR RADIAL DETECTABLE WARNING FIELD APPLICATIONS WHERE STANDARD RADIAL PLATES ARE NOT AVAILABLE AT AN INTERSECTION CURB RADIUS, A COMBINATION OF SQUARE OR RECTANGULAR PLATES AND RADIAL PLATES MAY BE USED TO FORM RADIAL CONFIGURATION. RADIAL WEDGES IN COMBINATION WITH SQUARE PANELS ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S RECOMMENDATIONS.

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

⑮ FIELD SAW CUTS ALONG RADIAL DETECTABLE WARNING PLATES WILL BE NECESSARY TO MATCH EACH CURB RAMP EDGE. AVOID CUTTING THROUGH DOMES WHENEVER POSSIBLE. MAKE FIELD CUTS TRUE TO LINE AND WITHIN 1/8" DEVIATION. SMOOTH EDGES OF FIELD CUT PLATES.

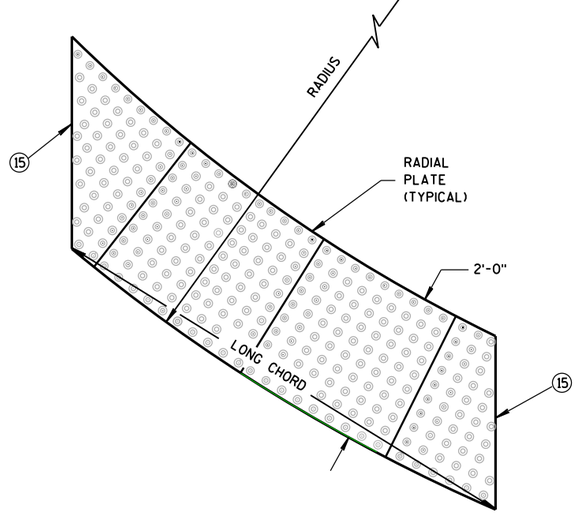


RECTANGULAR PLATES

RADIAL PLATES

DETECTABLE WARNING FIELDS (TYPICAL)

PLAN VIEW



RADIAL DETECTABLE WARNING FIELD ATTRIBUTES

CURB RAMPS
RECTANGULAR AND RADIAL
DETECTABLE WARNING PLATES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June, 2017 — DATE
/S/ Rodney Taylor — ROADWAY STANDARDS UNIT SUPERV
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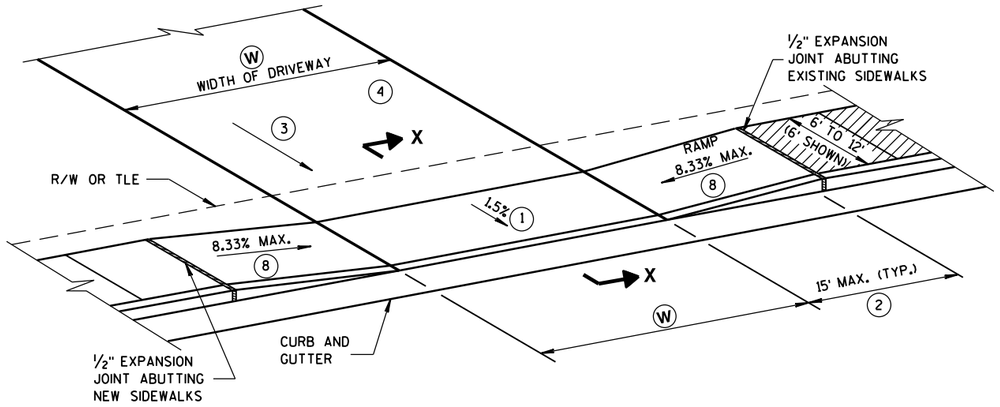
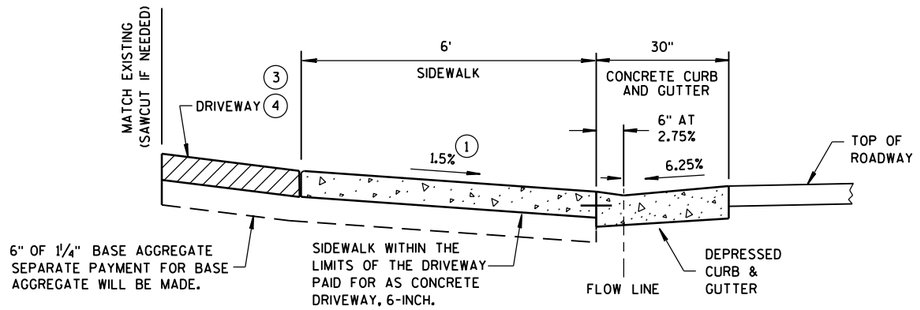
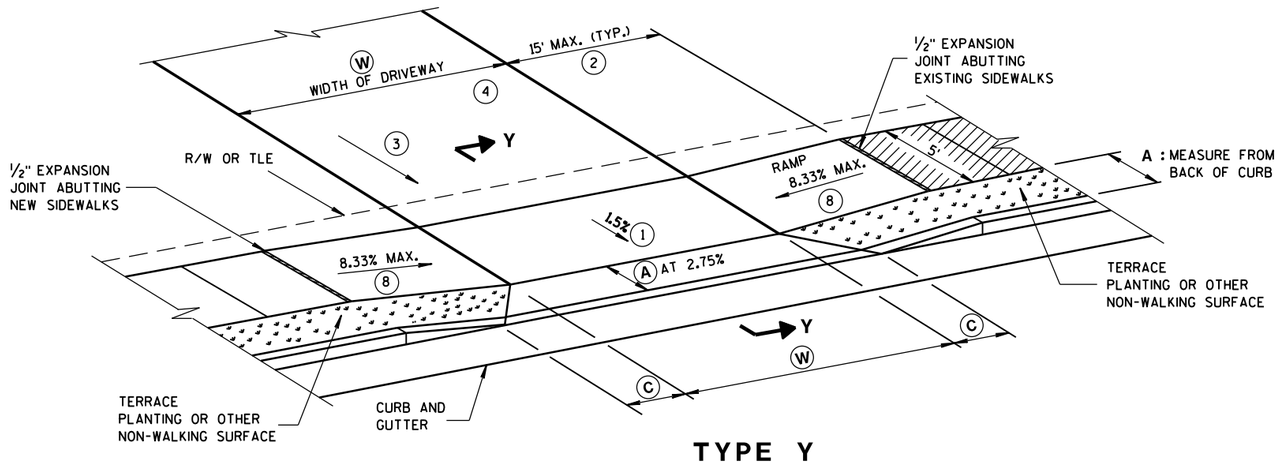
S.D.D. 8 D 5-19g



TYPE X
SIDEWALK ABUTS CURB & GUTTER
TERRACE VARIES 0 TO 3 FEET



SECTION X-X

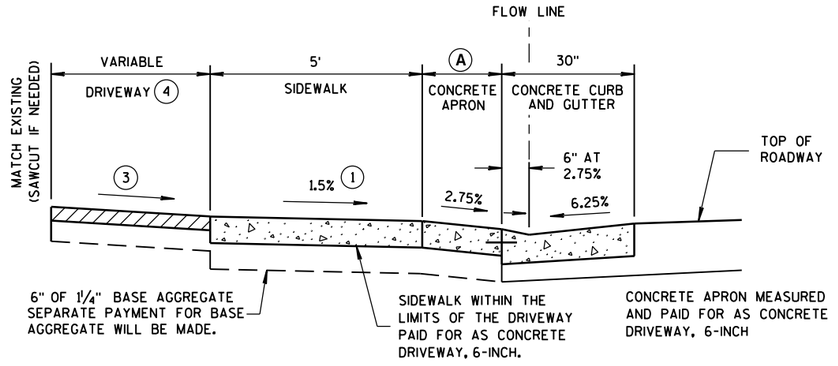


TYPE Y
SIDEWALK WITH NARROWER TERRACE
TERRACE VARIES 4 TO 6 FEET

W: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)

GENERAL NOTES

1. CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.
2. THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.
3. DRIVEWAY SLOPES: DESIRABLE MAXIMUM
   - 10.5% UP AWAY FROM SIDEWALK (SAG)
   - 8.5% DOWN AWAY FROM SIDEWALK (CREST)
   - ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG
4. DRIVEWAY TYPES
   - 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
   - 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
   - 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)
5. PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.
6. (W) IS SHOWN ON PLAN AND PROFILE SHEETS.
7. OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.
8. SLOPE SIDEWALK RAMP TOWARD APRON AS SHOWN WHERE THERE IS NO TERRACE OR WHERE THE TERRACE WIDTH IS LESS THAN 6 FEET WIDE.



NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS

SECTION Y-Y

DRIVEWAY DETAIL
WITH CONCRETE CURB & GUTTER
(URBAN AND SUBURBAN)

TABLE Y

(A) FEET	(C) FEET
3.5'	2.0'
4.5'	3.0'
5.5'	3.5'

NOT TO SCALE

DRIVEWAY AND SIDEWALK RAMPS
TYPES X & Y

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 — /S/ Rodney Taylor
DATE — ROADWAY STANDARDS UNIT SUPERV — ENT
FHWA

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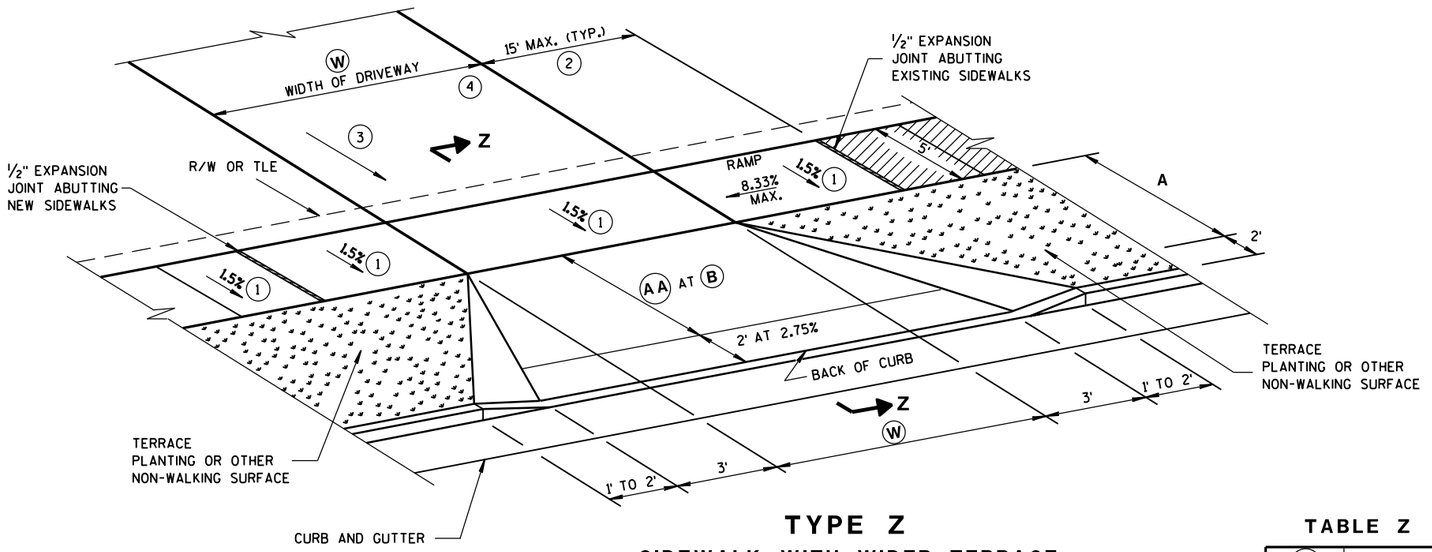


TYPE Z

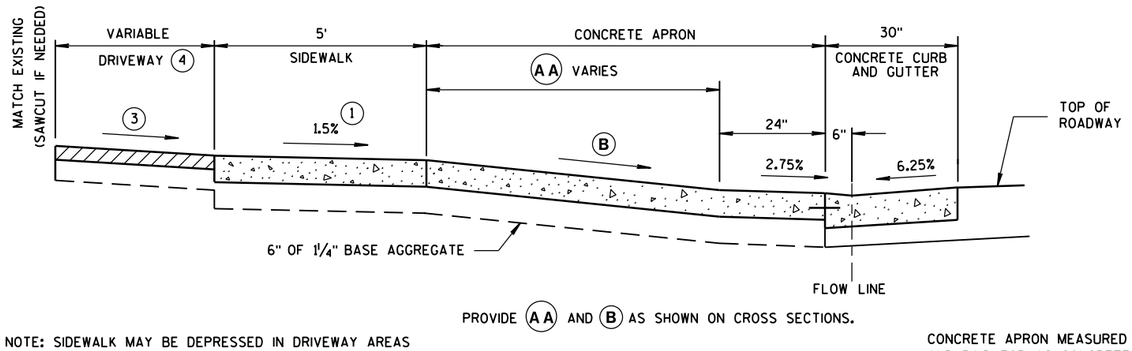
SIDEWALK WITH WIDER TERRACE
TERRACE VARIES 7 TO 12 FEET

TABLE Z

Ⓐ Ⓐ FEET	Ⓑ %
4.5'	11.5%
5.5'	9-11.5%
6.5'	8-11.5%
7.5'	7-11.5%
8.5'	6-11.5%
9.5'	5-11.5%

GENERAL NOTES

1. CONSTRUCTION TOLERANCE OF 0.5% ± FOR SIDEWALK CROSS SLOPE. THE SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%.
2. THE SIDEWALK RAMP MAXIMUM RUNNING SLOPE SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET TO AVOID CHASING THE SLOPE INDEFINITELY WHEN CONNECTING TO STEEP GRADES. WHEN APPLYING THE 15 FOOT MAXIMUM LENGTH, THE RUNNING SLOPE OF THE SIDEWALK SHALL BE AS FLAT AS FEASIBLE AND NOT EXCEED THE LONGITUDINAL GRADE OF THE ROADWAY.
3. DRIVEWAY SLOPES: DESIRABLE MAXIMUM
   10.5% UP AWAY FROM SIDEWALK (SAG)
   8.5% DOWN AWAY FROM SIDEWALK (CREST)
   ABSOLUTE MAXIMUM 15% FOR BOTH CREST AND SAG
4. DRIVEWAY TYPES
   - 6-INCH CONCRETE DRIVEWAY PAVEMENT OVER 6-INCH BASE AGGREGATE
   - 2-INCH TO 3-INCH ASPHALTIC SURFACE OVER 6-INCH BASE AGGREGATE
   - 6-INCH BASE AGGREGATE (MAY BE INCREASED FOR CLAY SUBGRADES)
5. PROVIDE CONSTRUCTION JOINTS ALONG THE CENTER OF THE CONCRETE FOR DRIVEWAYS UNDER 20 FEET IN WIDTH AND AT THE THIRD POINTS OVER 20 FEET IN WIDTH.
6. Ⓦ IS SHOWN ON PLAN AND PROFILE SHEETS.
7. OFFSETS, ELEVATIONS, AND PERCENT GRADE ARE SHOWN ON THE CROSS SECTIONS.



PROVIDE Ⓐ Ⓐ AND Ⓑ AS SHOWN ON CROSS SECTIONS.

NOTE: SIDEWALK MAY BE DEPRESSED IN DRIVEWAY AREAS FOR **B** VALUES NOT SHOWN IN TABLE Z.

SIDEWALK WITHIN THE LIMITS OF THE DRIVEWAY PAID FOR AS CONCRETE DRIVEWAY, 6-INCH.

SEPARATE PAYMENT FOR BASE AGGREGATE WILL BE MADE.

CONCRETE APRON MEASURED AND PAID FOR AS CONCRETE DRIVEWAY, 6-INCH

SECTION Z-Z

DRIVEWAY DETAIL WITH CONCRETE CURB & GUTTER

(URBAN AND SUBURBAN)

Ⓦ: 12' MIN. - 24' MAX. RESIDENTIAL AND NON-COMMERCIAL (PE & FE)
16' MIN. - 35' MAX. COMMERCIAL (CE)

NOT TO SCALE

DRIVEWAY AND SIDEWALK RAMPS TYPE Z

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
December, 2016 /S/ Rodney Taylor
DATE ROADWAY STANDARDS UNIT SUPERV
FHWA

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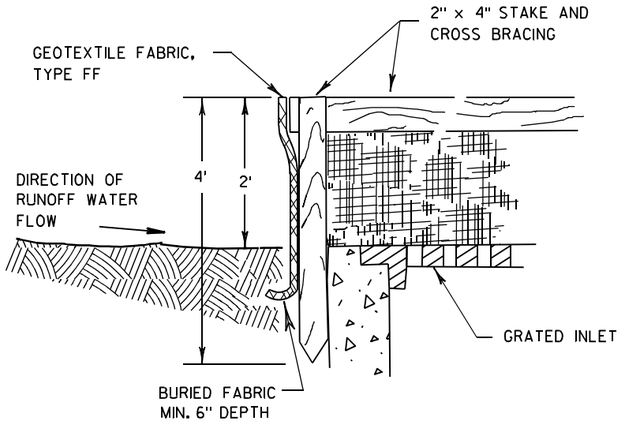
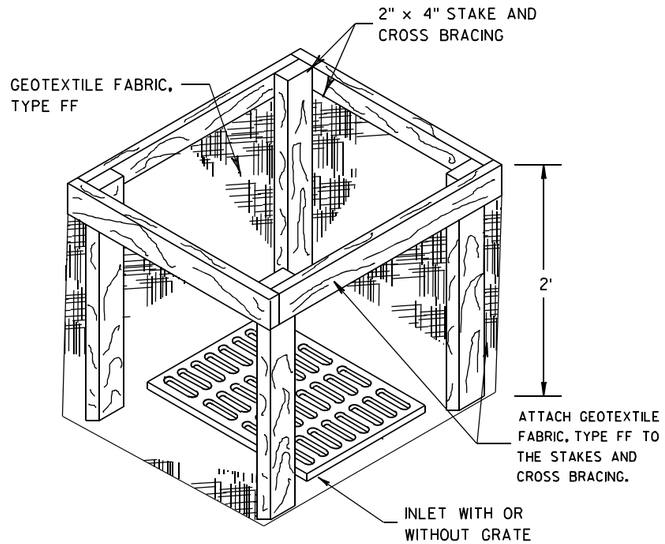
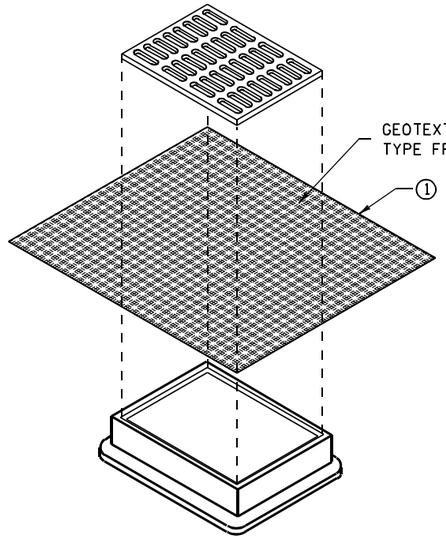
S.D.D. 8 D 19-1



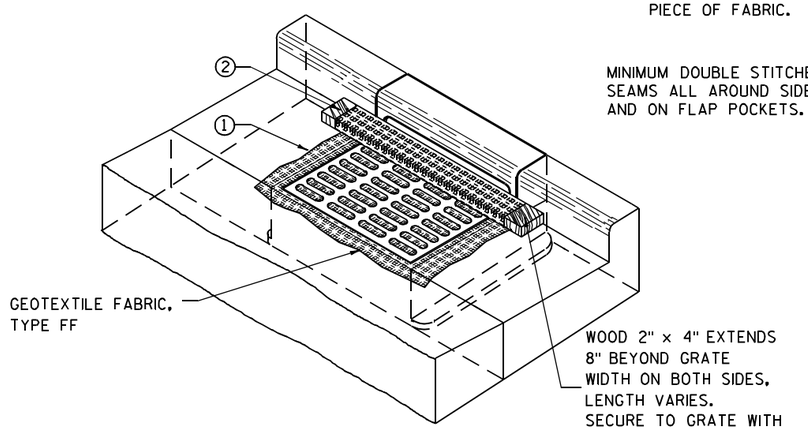


INLET PROTECTION, TYPE A

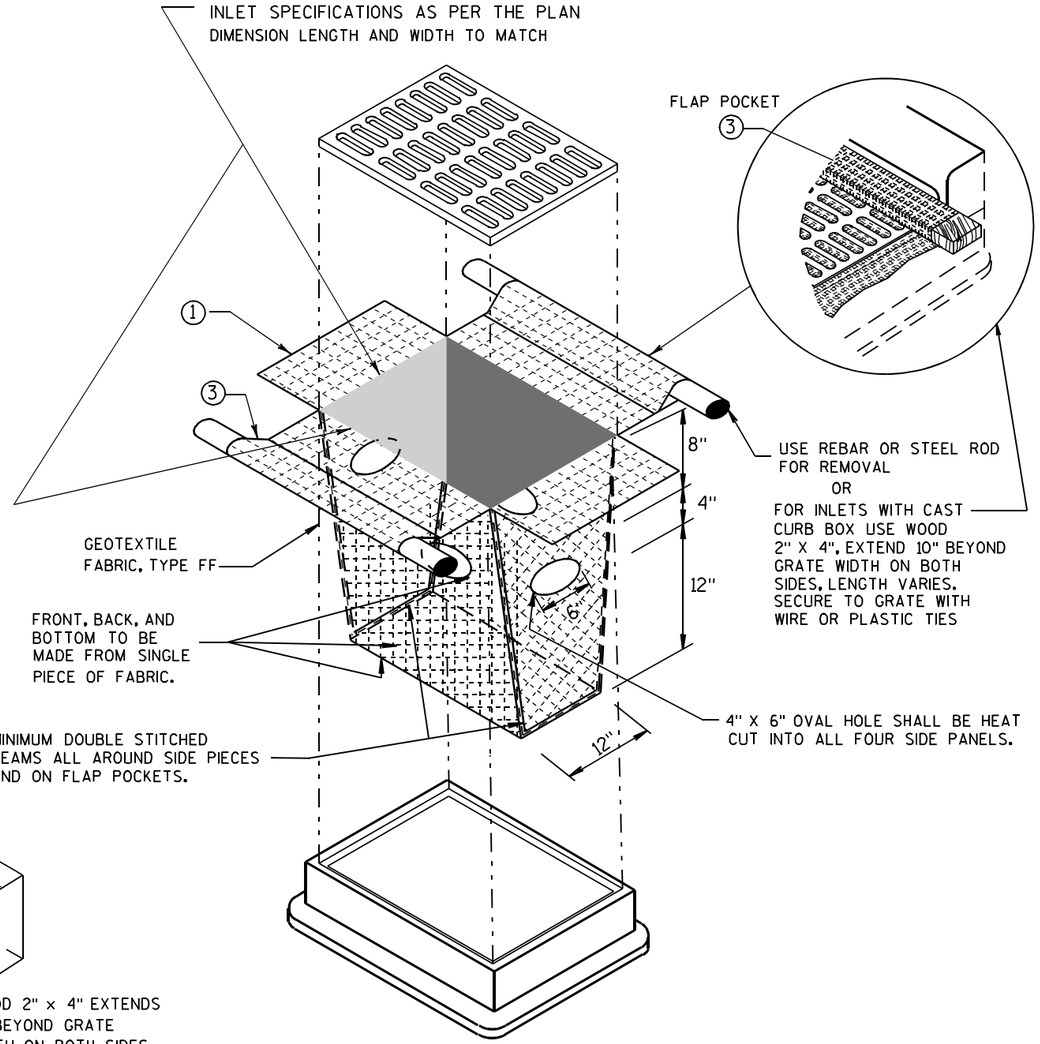


INLET PROTECTION, TYPE B
(WITHOUT CURB BOX)

(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

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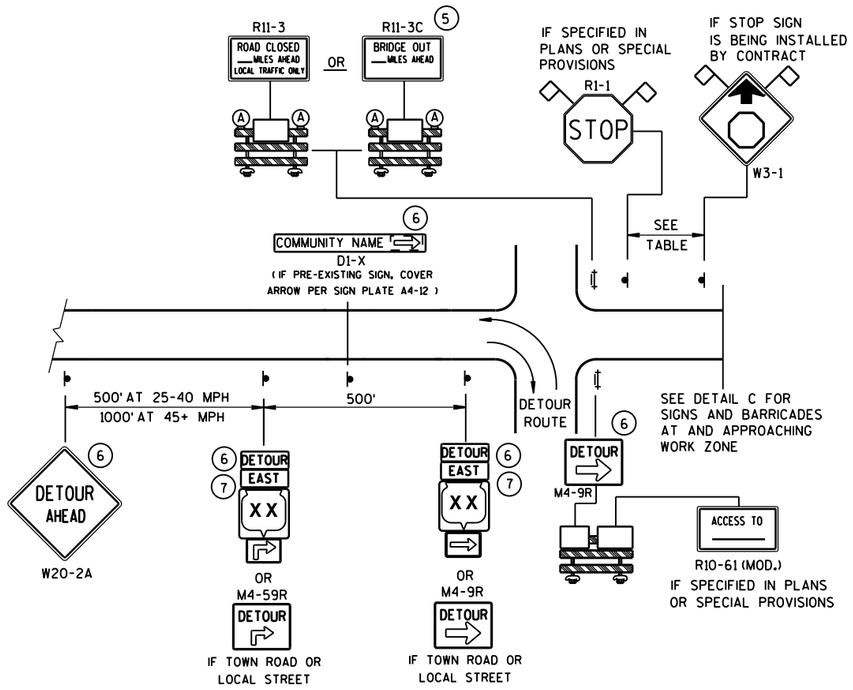
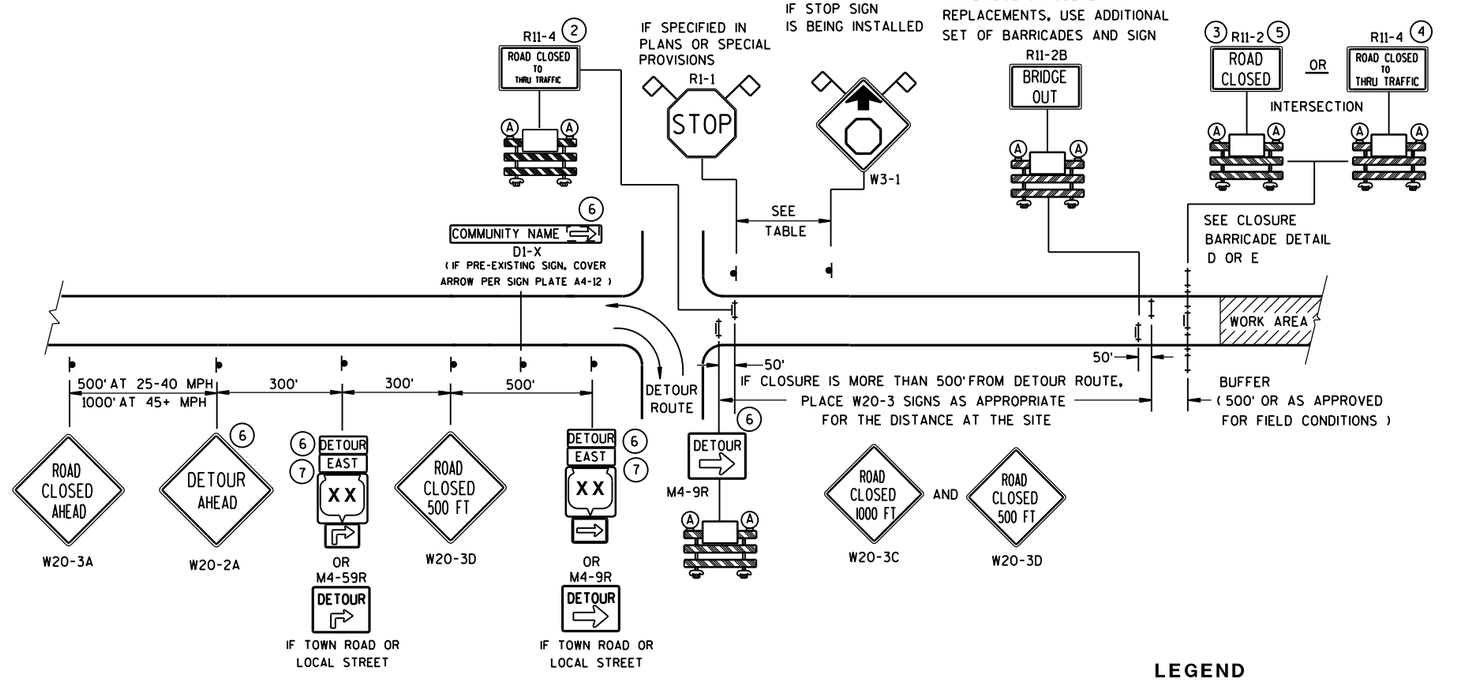
S.D.D. 8 E 10-2



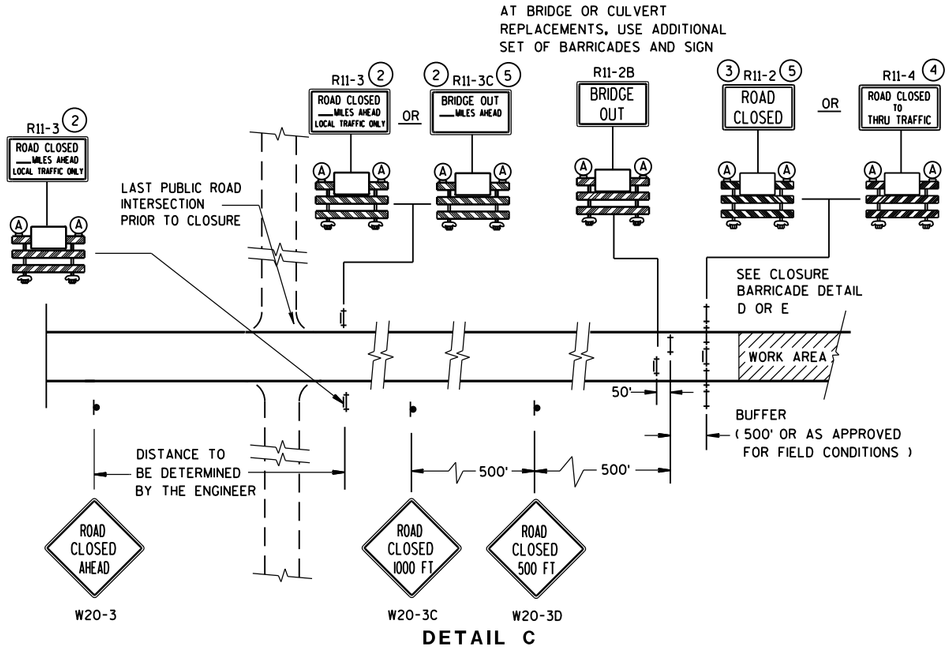
DETAIL A
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE GREATER THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL B
MAINLINE CLOSURE WITH POSTED DETOUR

WORK ZONE LESS THAN ½ MILE FROM DETOUR ROUTE (1000 FEET IF URBAN)



DETAIL C
MAINLINE CLOSURE, NO POSTED DETOUR

SPEED LIMIT (MPH)	"STOP AHEAD" ADVANCE WARNING DISTANCE (FT)
25	200
30	200
35	350
40	350
45	500
50	550
55	750

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA
- DETOUR / EAST — M4-8 / M3-X
- XX — M1-4; COUNTY XX — M1-5A; XX — M1-6
- M05-1 OR M06-1
- FLAGS, 16" X 16" MIN., (ORANGE)

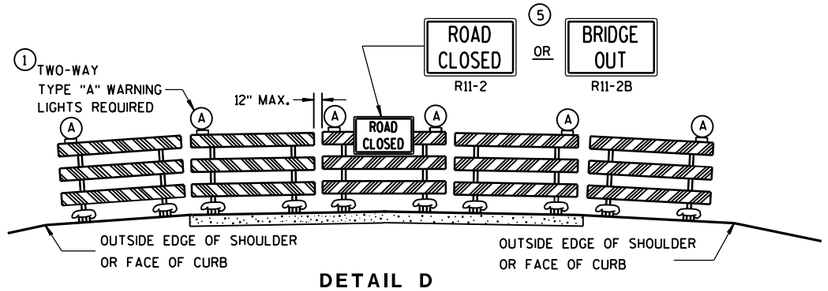
SEE SDD 15C2-SHEET "**b**" FOR GENERAL NOTES AND FOOTNOTES (1) THROUGH (7)

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZONE TRAFFIC SAFETY ENGINEER
FHWA

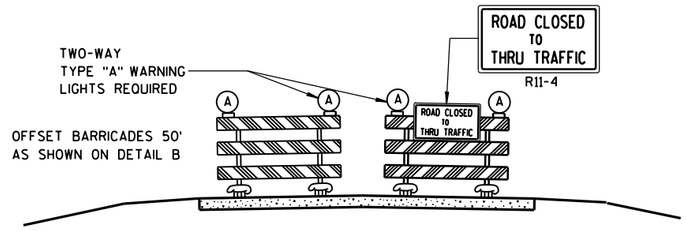
S.D.D. 15 C 2-6a



DETAIL D

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



DETAIL E

LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "**a**" FOR LEGEND

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3, M4-9, R11-4 AND R10-61 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

"WO AND "MO" SIGNS ARE THE SAME AS "W" AND "M" SIGNS EXCEPT THE BACKGROUND IS ORANGE.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2 SHALL BE 48" X 30".
- R11-3, R11-4 AND R10-61 SHALL BE 60" X 30".
- M4-9 SHALL BE 30" X 24".
- M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.)
- M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)
- M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.)
- M05-1 AND M06-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.)
- D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS.
- R1-1 SHALL BE 36" X 36".

(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT LIGHT SPACING).

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

(3) FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.

(4) FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.

(5) FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.

(6) INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS, PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.

(7) "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Sept. 2015 — DATE

/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO SAFETY ENGI — FHWA — FIC

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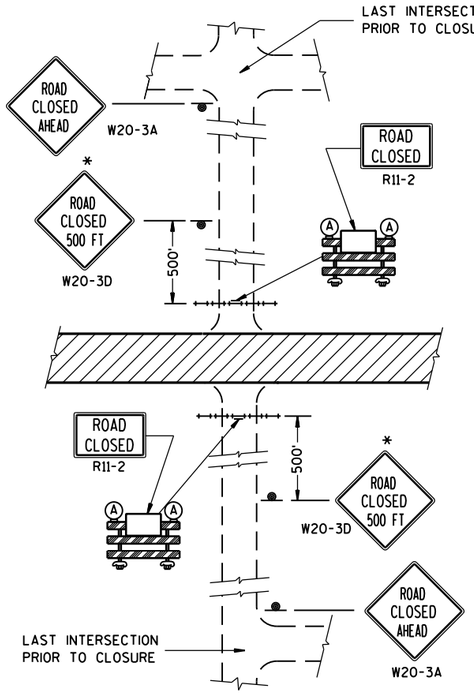
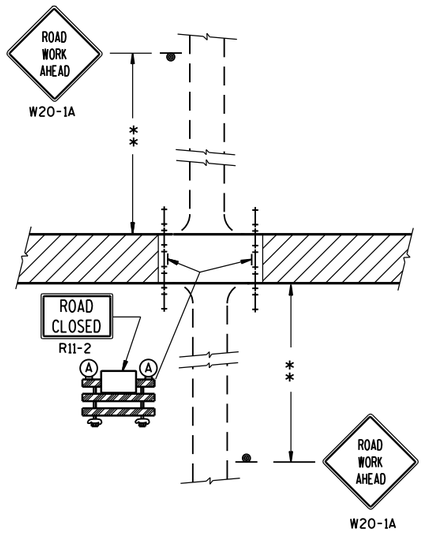
S.D.D. 15 C 2-6b



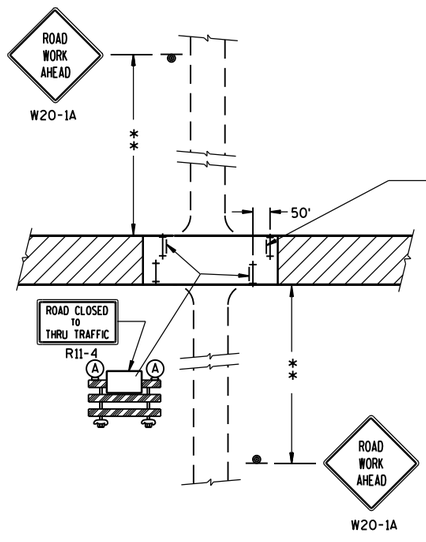
DETAIL 1

(NO ACCESS TO PROJECT)



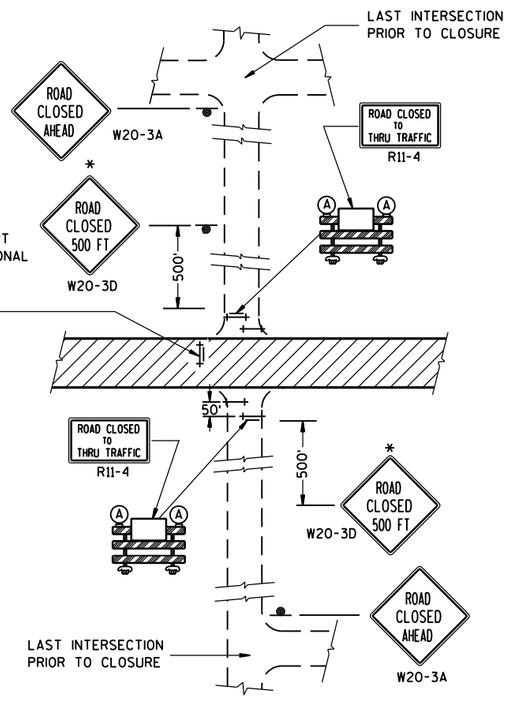
DETAIL 2

(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).



DETAIL 3

(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).



DETAIL 4

(CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS TO PROJECT)

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND BARRICADES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER.

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.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

BARRICADES THAT MUST BE MOVED FOR A WORK OPERATION SHALL BE IMMEDIATELY RE-ESTABLISHED UPON COMPLETION OF THE OPERATION OR, FOR CONTINUING OPERATIONS, AT THE END OF EACH WORKING DAY.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL D FOR FULL ROAD CLOSURES.

TYPE "A" LOW-INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE R11-2, R11-3 AND R11-4 SIGNS PLACED ON BARRICADES SHALL COVER NO MORE THAN THE TOP RAIL. THE SIGNS SHALL NOT COVER ANY PORTION OF THE MIDDLE OR BOTTOM RAILS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
R11-2 SHALL BE 48" X 30".
R11-4 AND R11-3 SHALL BE 60" X 30".

*OMIT THE "ROAD CLOSED 500 FT." SIGN IF THE LAST INTERSECTION IS 500 FT. OR LESS FROM THE WORK ZONE.

**500' MAX. OR AT LAST INTERSECTION WHICHEVER IS CLOSER.

LEGEND

- SIGN ON PERMANENT SUPPORT
- TYPE III BARRICADE
- TYPE III BARRICADE WITH ATTACHED SIGN
- (A) TYPE "A" WARNING LIGHT (FLASHING)
- WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZO... SAFETY ENGI... — FHWA

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S.D.D. 15 C 3-3

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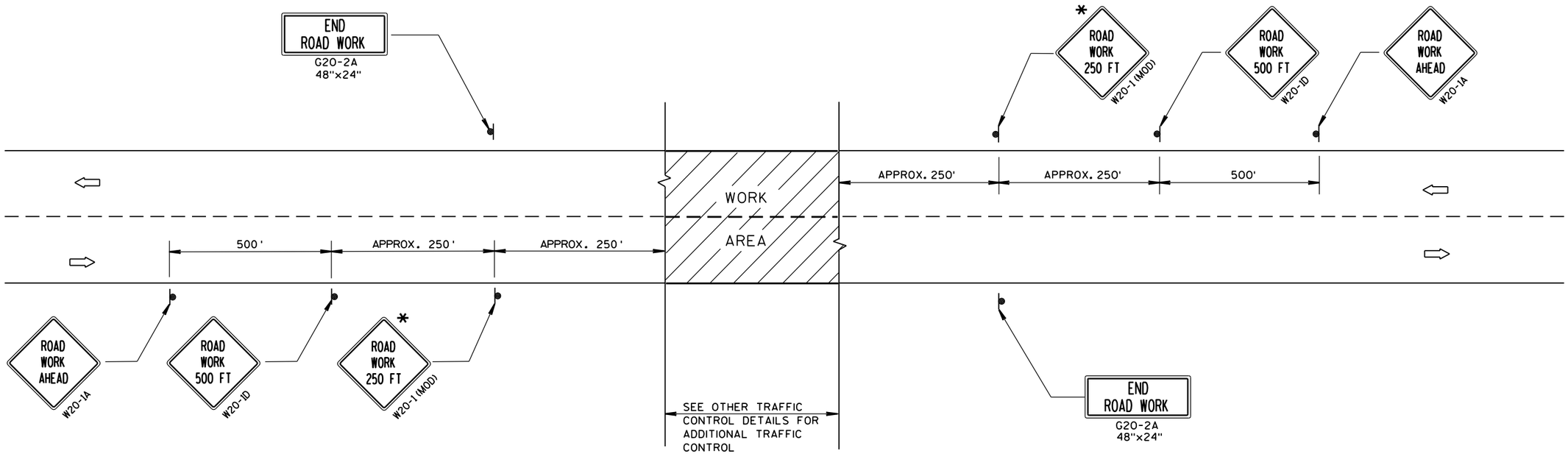
S.D.D. 15 C 3-3

TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL



GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

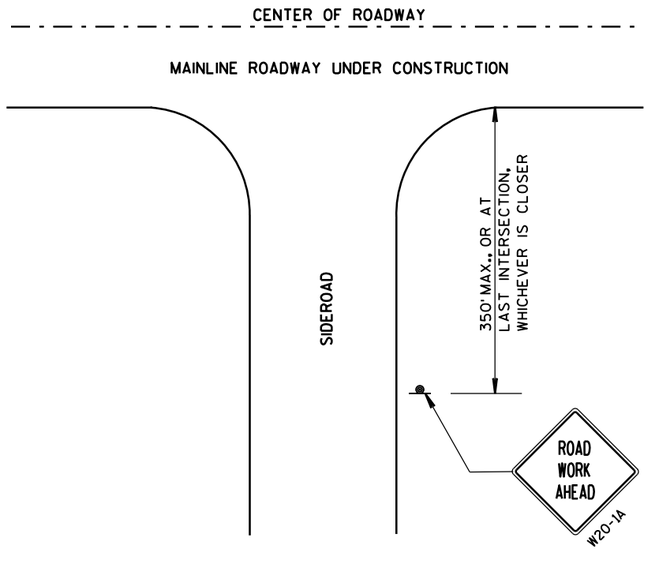
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED. IF NECESSARY DUE TO SPACE CONSTRAINTS, 36"x36" SIGNS MAY BE USED INSTEAD OF 48"x48" SIGNS.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

* THE THIRD W20-1 SIGN IS REQUIRED ONLY IF THERE IS AN INTERSECTION BETWEEN THE "ROAD WORK 500 FT" SIGN AND THE WORK ZONE. ADJUST THE PLACEMENT OF THIS SIGN BASED ON INTERSECTION LOCATION AND OTHER FIELD CONDITIONS.



LEGEND

- SIGN ON PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 40 M.P.H. OR LESS TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

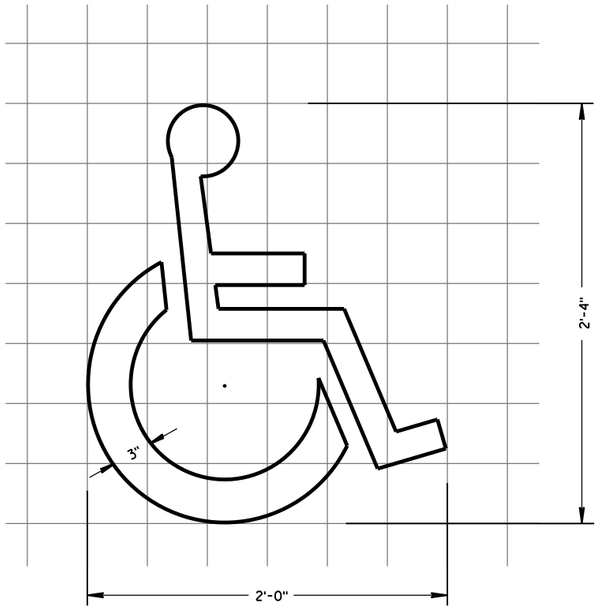
APPROVED
Sept. 2015 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER
FHWA

6

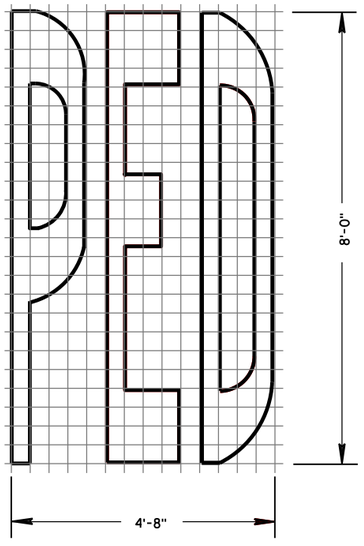
S.D.D. 15 C 5-3

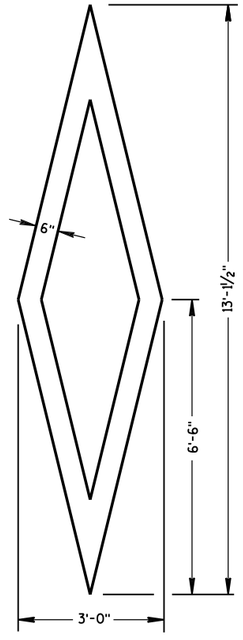
GENERAL NOTES

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



HANDICAP SYMBOL





PREFERENTIAL LANE SYMBOL

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S.D.D. 15 C 7-14a

S.D.D. 15 C 7-14a

PAVEMENT MARKING SYMBOLS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

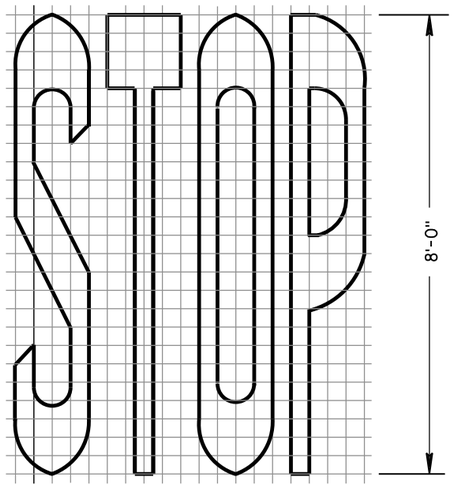
June 2017 — DATE

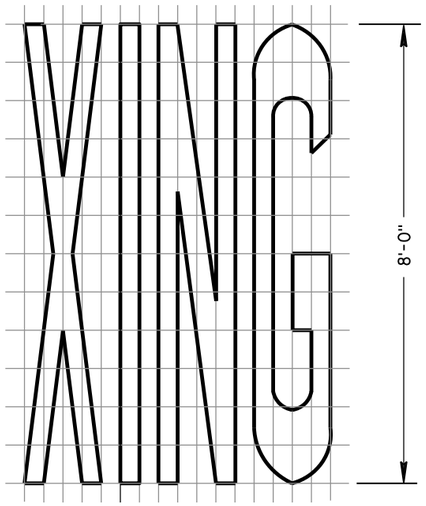
/S/ Matthew R. Rauch — STATE SIGNING AND MARK EER

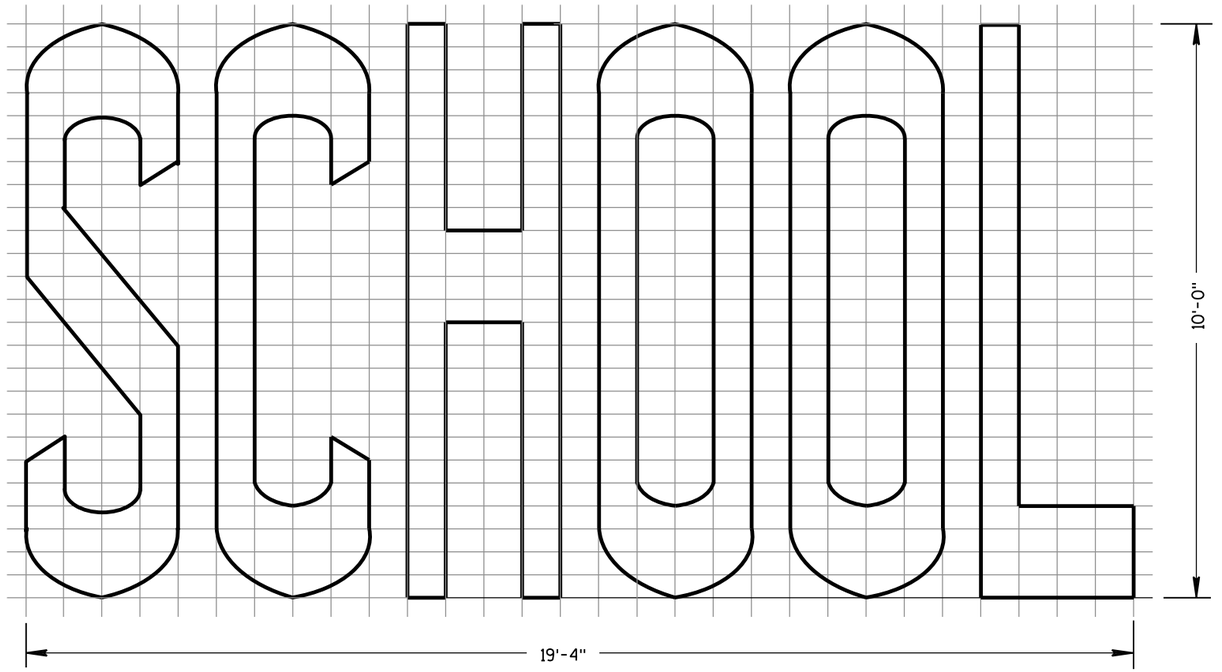
FHWA

GENERAL NOTES

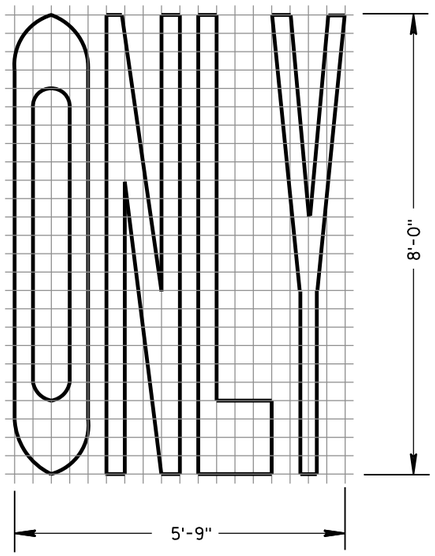
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

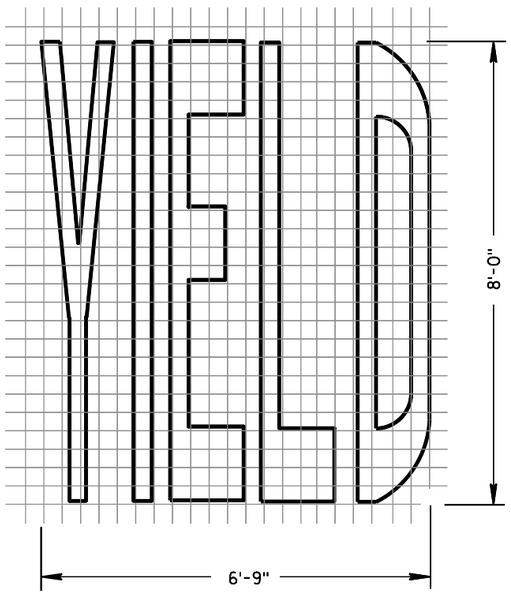


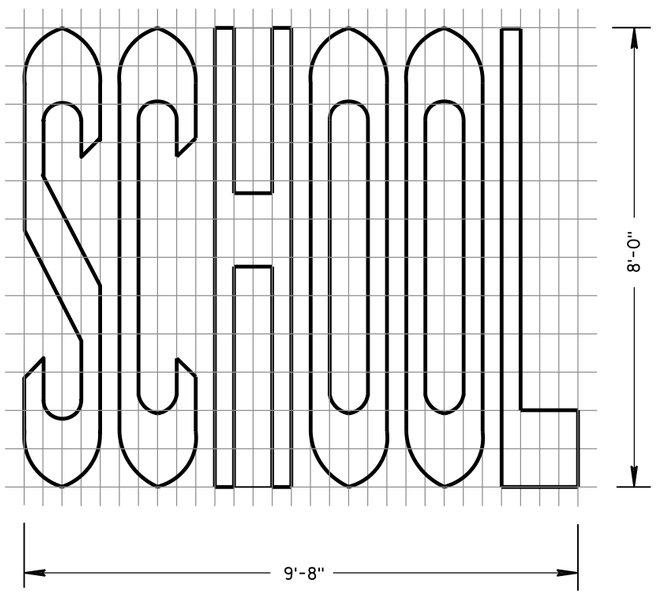




TWO-LANE







SINGLE-LANE

PAVEMENT MARKING WORDS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARK
EER
FHWA

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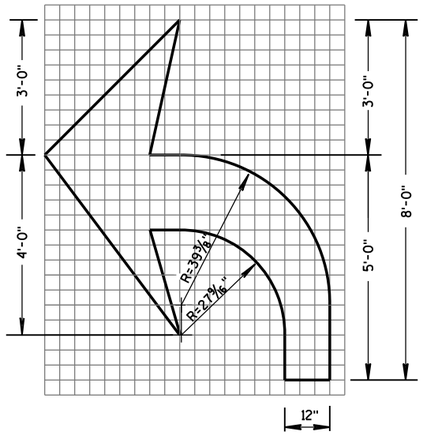
S.D.D. 15 C 7-14b

GENERAL NOTES

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



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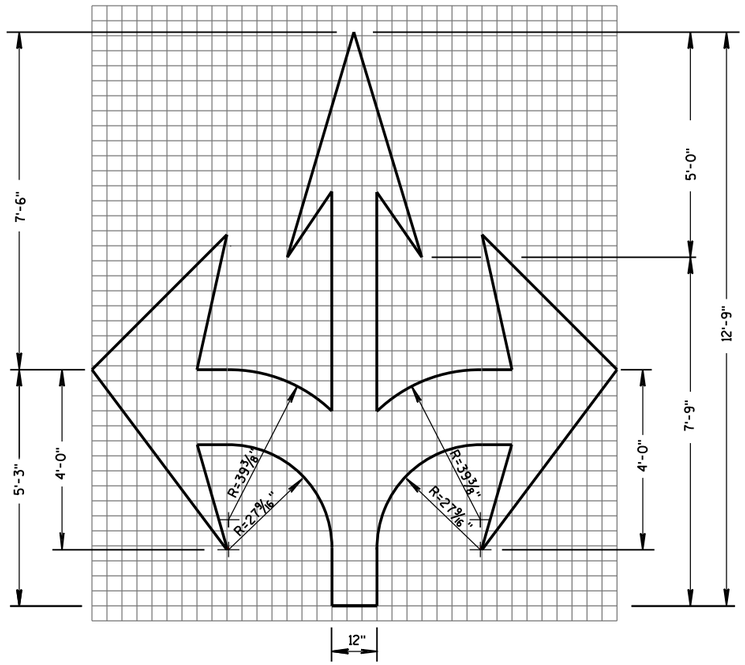

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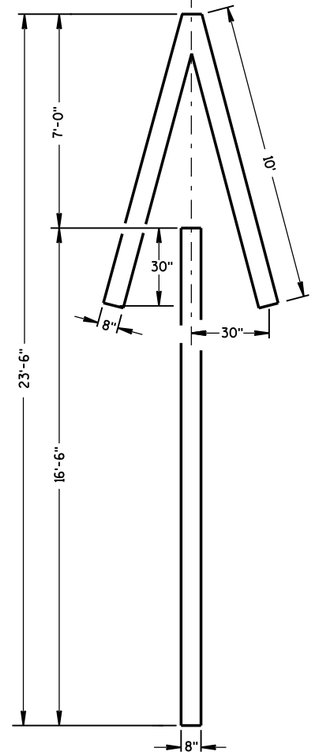

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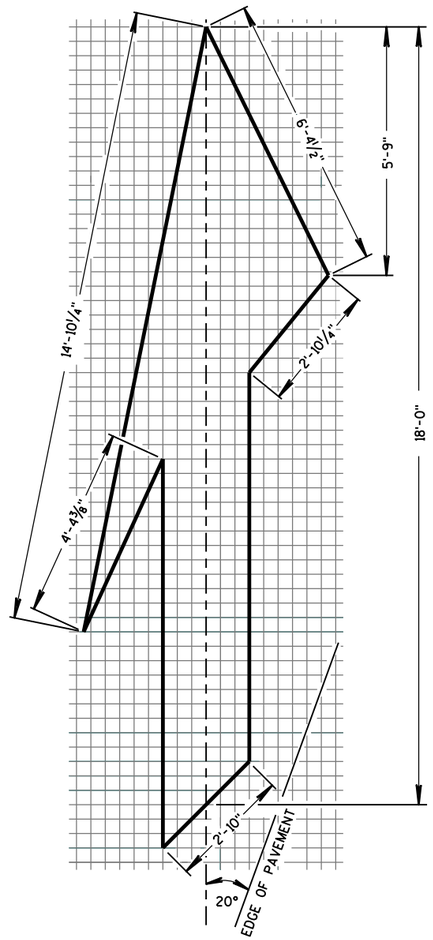
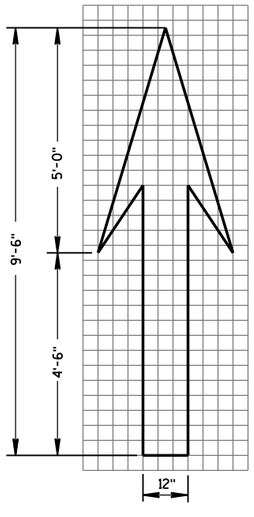


TYPE 5 LANE DROP ARROW



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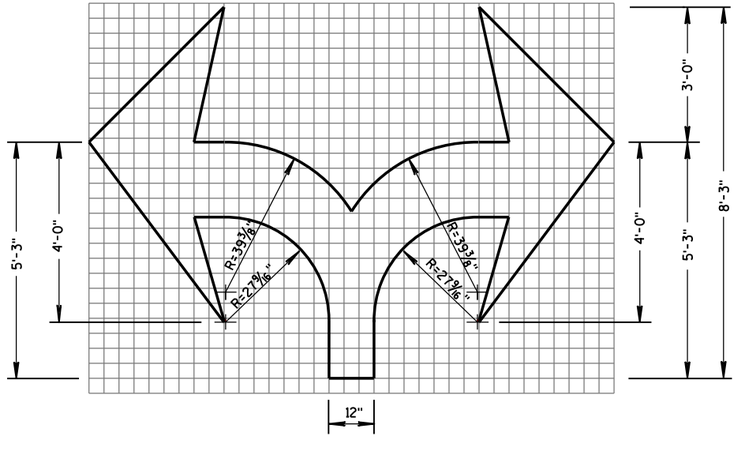

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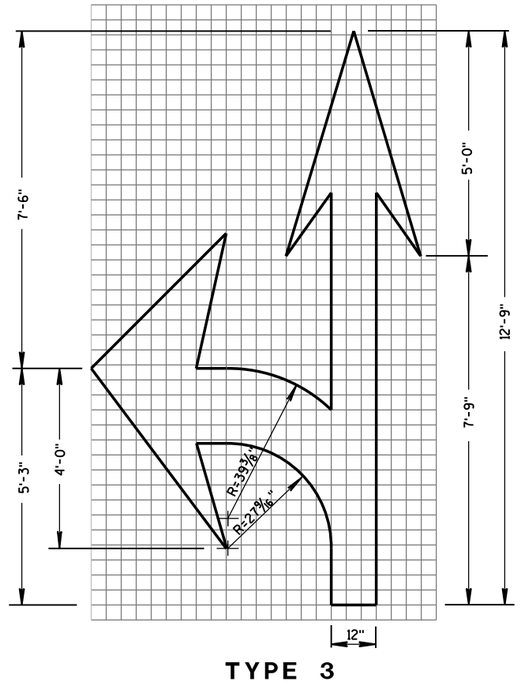


TYPE 3

PAVEMENT MARKING ARROWS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

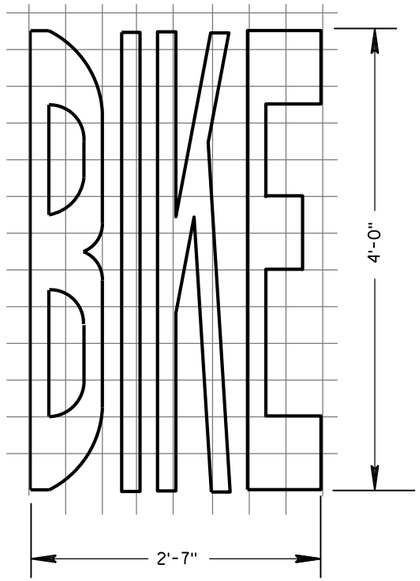
APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

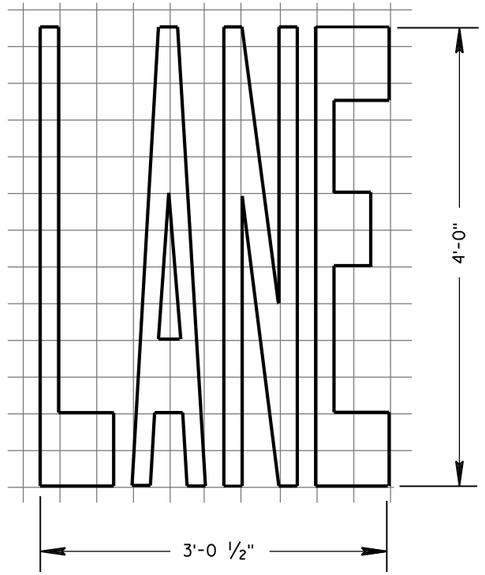
6

S.D.D. 15 C 7-14c

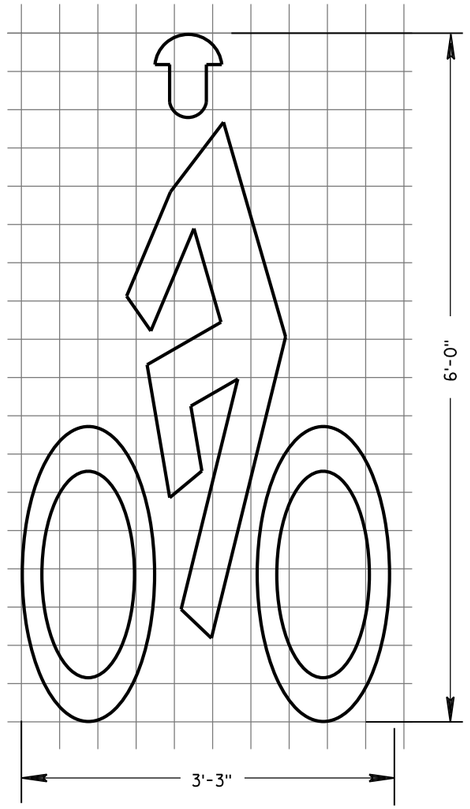
6

S.D.D. 15 C 7-14c

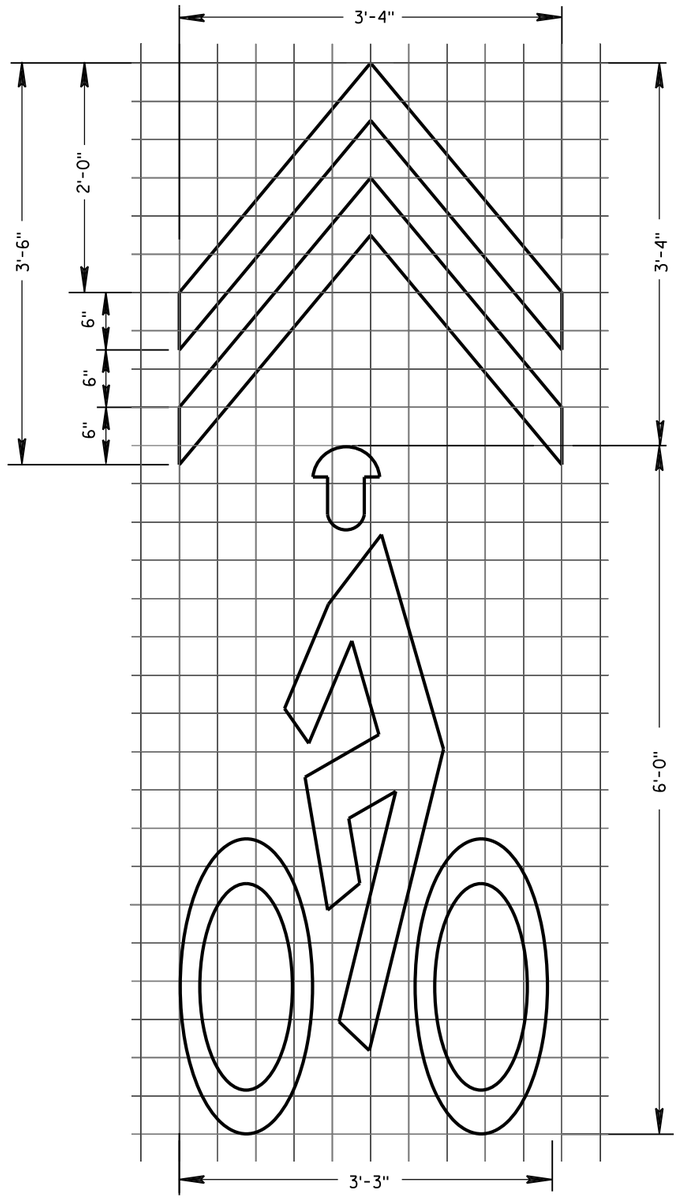




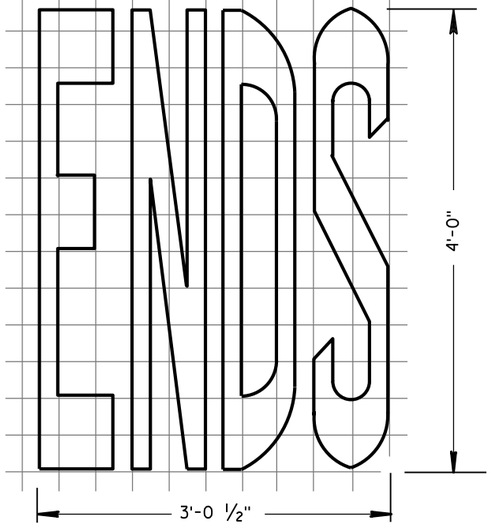
BIKE LANE WORDS



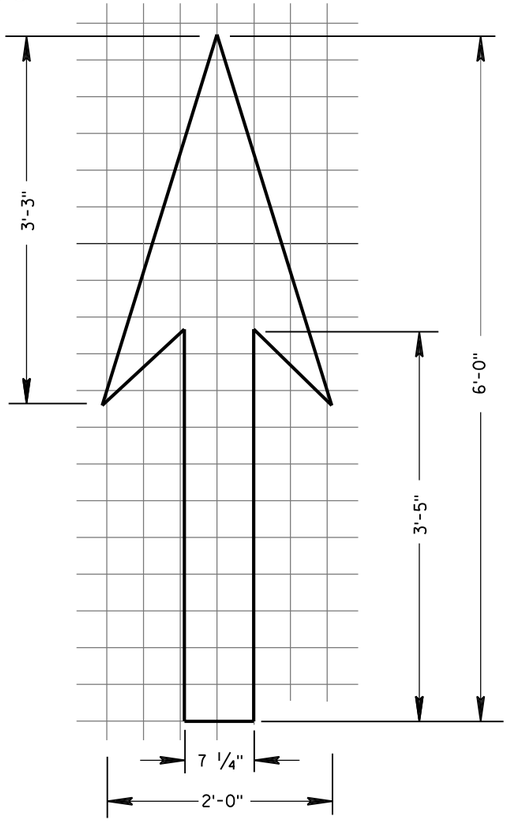
BIKE LANE SYMBOL



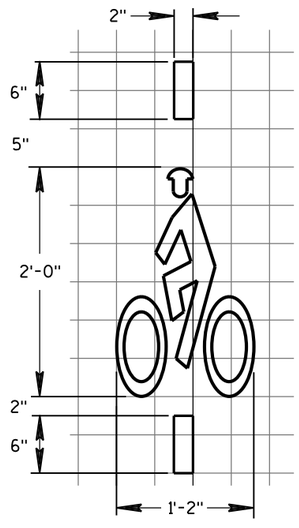
BIKE SYMBOL FOR SHARED LANE



BIKE LANE WORDS



BIKE LANE ARROW



BICYCLE DETECTOR PAVEMENT MARKING

GENERAL NOTES

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

PAVEMENT MARKING FOR BIKE LANES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MARK ENGINEER
FHWA

6

S.D.D. 15 C 7-14e

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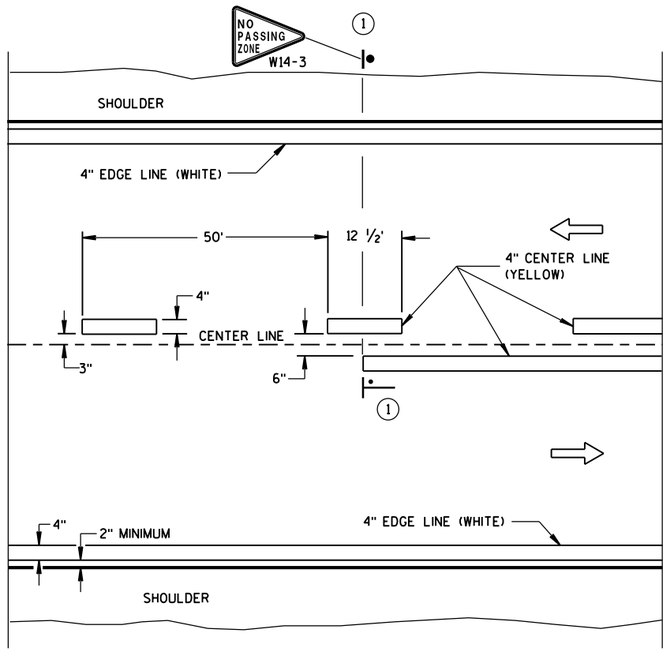
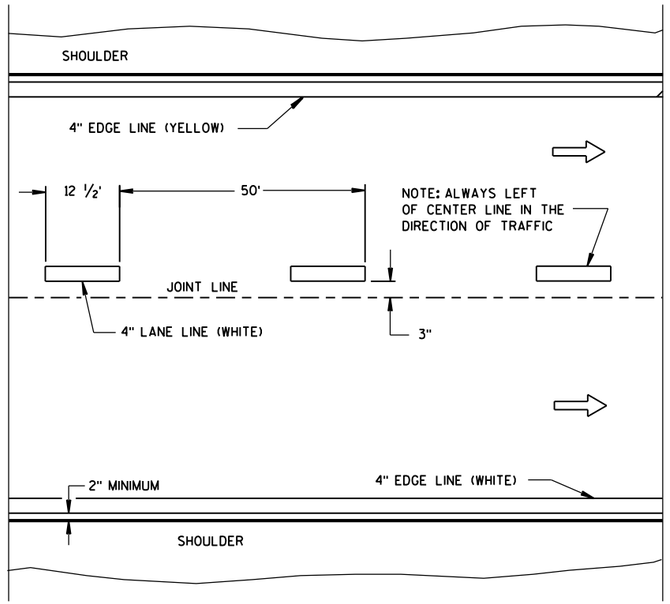
S.D.D. 15 C 7-14e



TWO WAY TRAFFIC



ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

(1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING.

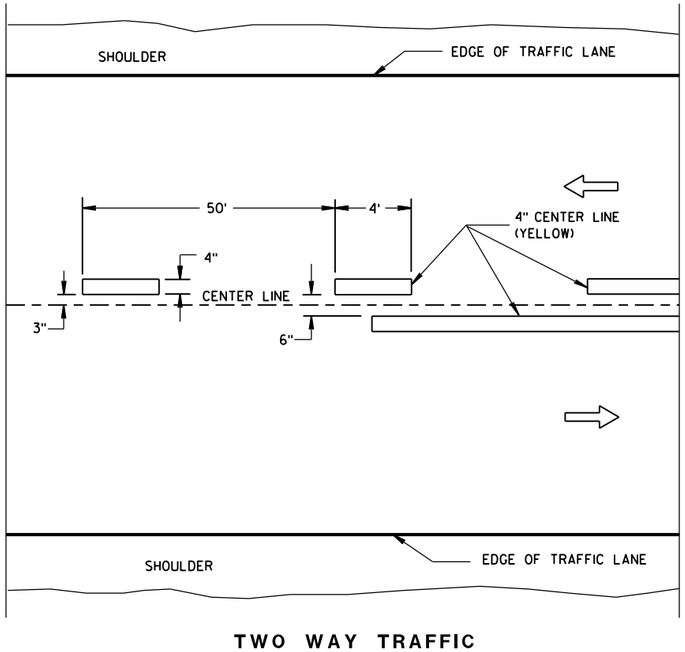
NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

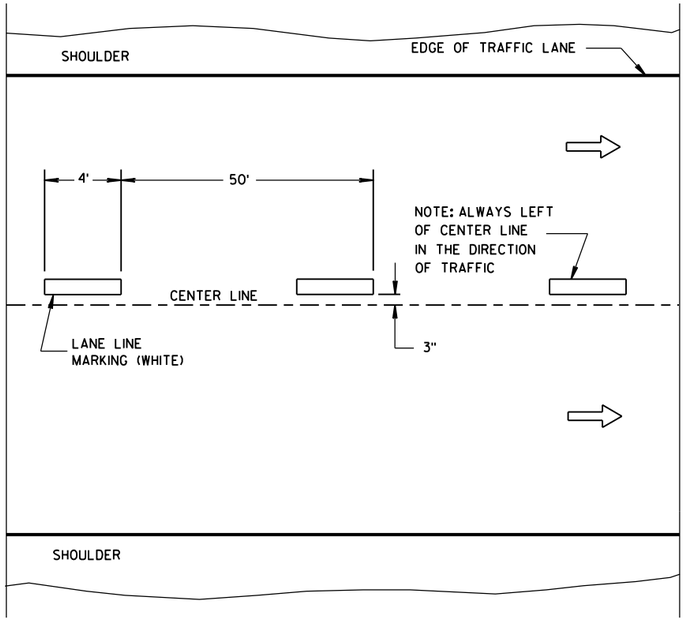
LEGEND

"T" MARKING

POST MOUNTED SIGN



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY PAVEMENT MARKING

LONGITUDINAL MARKING (MAINLINE)	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED	
June 2017 DATE	/S/ Matthew R. Rauch STATE SIGNING AND MAR ENGINEER
FHWA	

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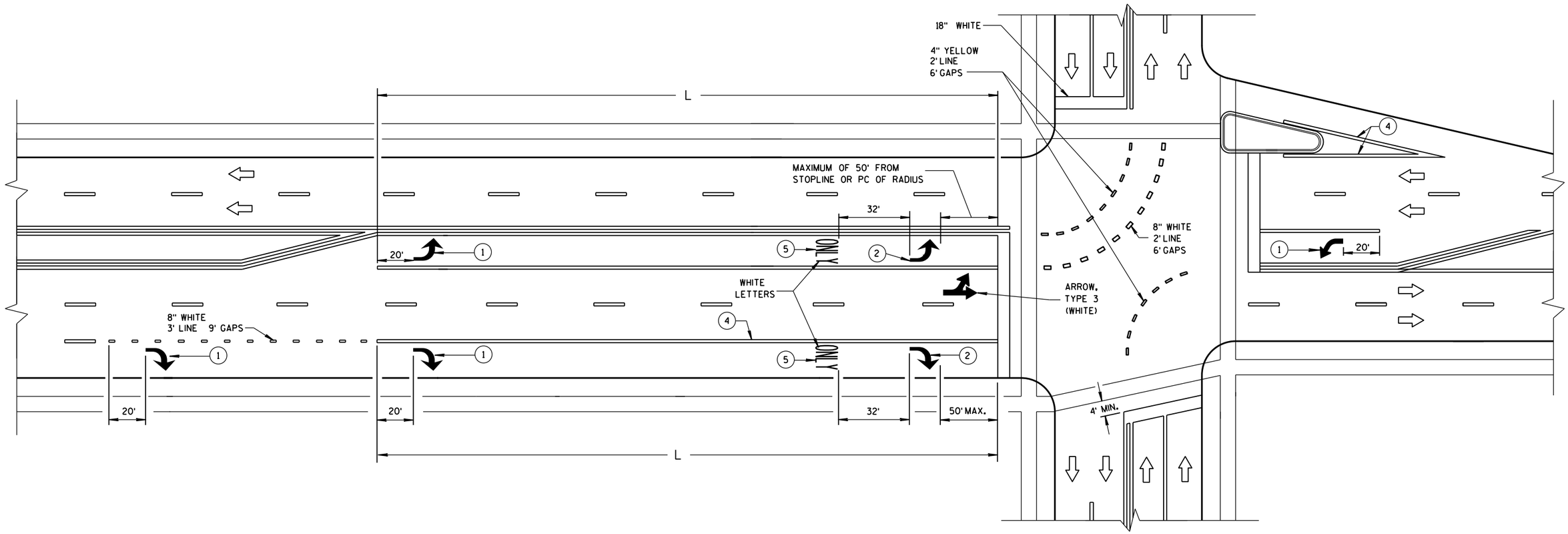
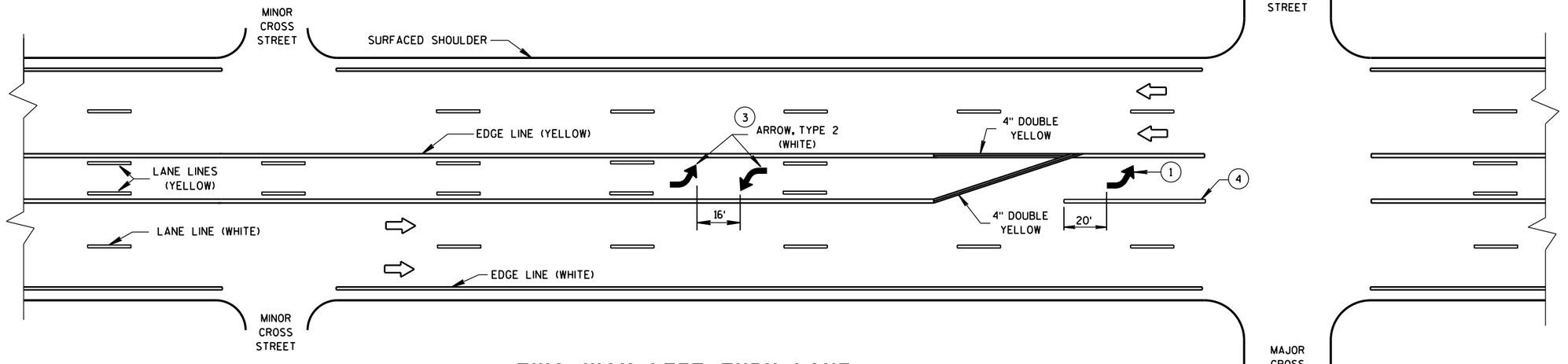
S.D.D. 15 C 8-18a





GENERAL NOTES

(1) REQUIRED ARROW, TYPE 2 (WHITE).

(2) REQUIRED ARROW, TYPE 2 (WHITE) WHEN L IS GREATER THAN 78 FEET AND LESS THAN OR EQUAL TO 166 FEET.

(3) A SET OF ARROWS IS REQUIRED EVERY 400 FEET OR NEAR INTERSECTIONS OR DRIVEWAYS WITH TURNING TRAFFIC.

(4) 8" WHITE

(5) REQUIRED WORD ONLY WHEN L IS GREATER THAN 166 FEET.

NOTE:
ARROW SYMBOL (⇨)
SHOWS DIRECTION OF TRAVEL

L = LENGTH OF TURN BAY

TWO WAY LEFT TURN LANE

PAVEMENT MARKING
(TURN LANES)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPO

6

S.D.D. 15 C 8-18b

LEGEND

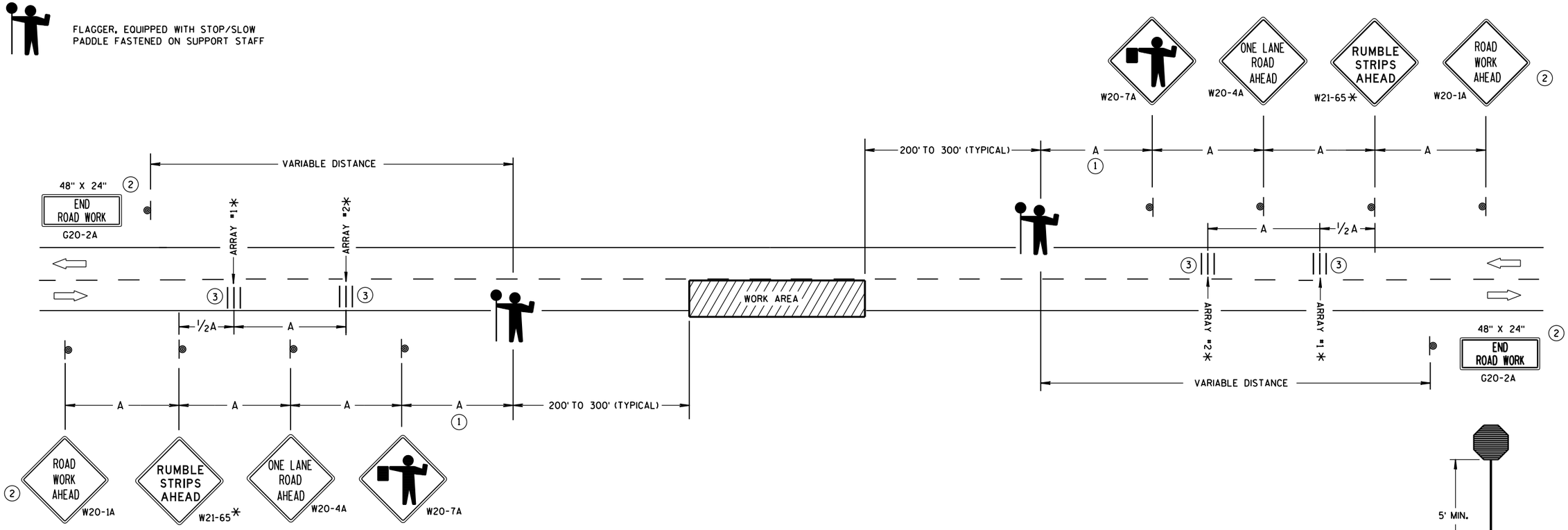
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- DIRECTION OF TRAFFIC
- WORK AREA
- FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

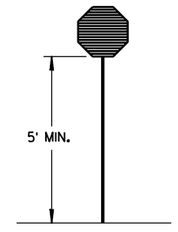
SIGN AND TEMPORARY RUMBLE STRIP ARRAY SPACING TABLE

SPEED LIMIT	SPACING A
25-35 MPH	200'
35-40 MPH	350'
45-55 MPH	500'

W03-4

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7A AND W20-4A SIGNS, USING SPACING A.





STOP/SLOW PADDLE ON SUPPORT STAFF

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

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

WHEN A SIDE ROAD OR 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.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS.

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

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, REMOVE TEMPORARY RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING.

* UTILIZE TEMPORARY RUMBLE STRIPS WHEN FLAGGING OPERATION IS ANTICIPATED TO BE STATIONARY IN EXCESS OF TWO HOURS.

(1) FOR A MOVING WORK OPERATION, SIGNING AND TEMPORARY RUMBLE STRIPS (IF USED) SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3,500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS APPROVED BY THE ENGINEER.

(2) SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

(3) EACH TEMPORARY RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

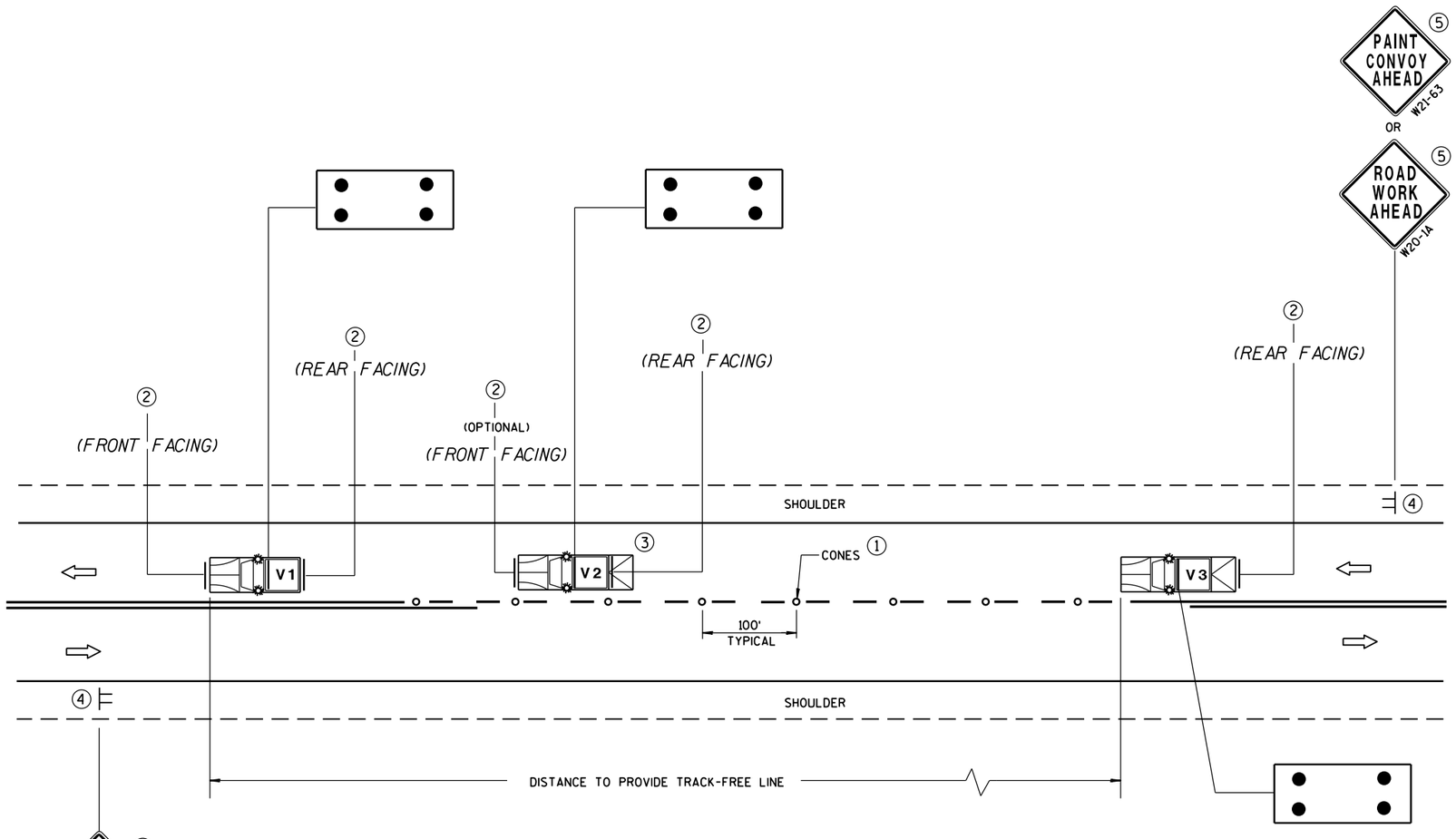
TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2017 — DATE
/S/ Andrew Heldtke — WORK ZONE ENG
FHWA

6

S.D.D. 15 C 12-6



MOVING PAVEMENT MARKING OPERATIONS
TWO-LANE TWO-WAY ROADWAY

GENERAL NOTES

ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

VEHICLES SHALL BE EQUIPPED WITH REAR FACING TYPE B OR C FLASHING ARROW PANEL OPERATING IN CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE SPECIFIED.

IF SPEED LIMIT IS 40 MPH OR LESS STATIONARY SIGNS MAY BE OMITTED IF CONES ARE USED.

ALTERNATE SIGN MESSAGES, SUCH AS "PAINT CREW AHEAD" OR "ROAD PAINTING AHEAD" MAY BE USED.

DISTANCE BETWEEN VEHICLES MAY VARY ACCORDING TO TERRAIN, SIGHT DISTANCE, PAINT DRYING TIME, AND OTHER FACTORS. WHENEVER ADEQUATE STOPPING SIGHT DISTANCE EXISTS TO THE REAR, SHADOW VEHICLES SHOULD MAINTAIN THE MINIMUM DISTANCE FROM THE WORK VEHICLE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. SHADOW VEHICLES SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.

THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS.

THIS DRAWING SHALL BE USED FOR CENTERLINE OR EDGELINE MARKING.

WHEN NO WORK ACTIVITY IS TAKING PLACE, REMOVE OR TURN THE STATIONARY WARNING SIGNS AWAY FROM TRAFFIC.

(1) CONES MAY BE OMITTED ON PAINTED LINE IF APPROVED BY THE ENGINEER. CONSIDER PAVEMENT MARKING DRY OR CURE TIMES AND TRAFFIC VOLUME.

(2) USE STANDARD SIGN W21-64 WITH APPROPRIATE ARROW.

WET PAINT W21-64 OR WET PAINT W21-64

(3) OPTIONAL TRUCK-MOUNTED ATTENUATOR.

(4) SIGNS SHALL BE REPEATED APPROXIMATELY EVERY THREE MILES.

(5) IF CONSTRUCTION WORK ZONE SIGNS ARE IN PLACE, W20-1 OR W21-63 ARE NOT REQUIRED.

LEGEND

V1	LEAD VEHICLE
V2	SHADOW VEHICLE
V3	TRAIL VEHICLE WITH TMA
TMA	TRUCK-MOUNTED ATTENUATOR
⊨	SIGN ON TEMPORARY SUPPORT
⇨	DIRECTION OF TRAFFIC
o	CONES
⁘	FLASHING ARROW PANEL (CAUTION)

MOVING PAVEMENT MARKING OPERATION
TWO-LANE TWO-WAY ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

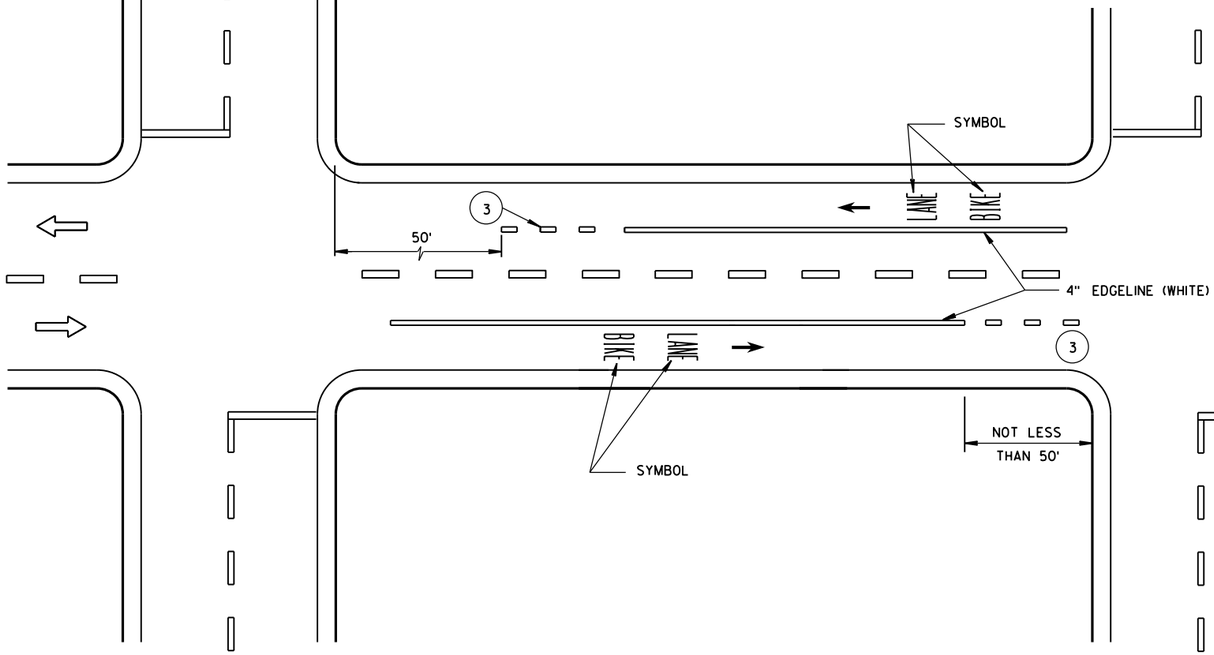
APPROVED
June 2016 — DATE
/S/ Peter Amakobe Atepe — STATEWIDE WORK ZON SAFETY ENGINE
FHWA

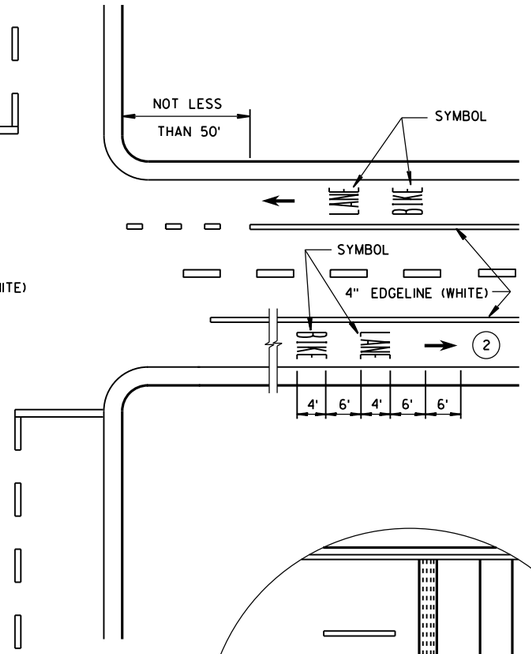
6

S.D.D. 15 C 19-4a

6

S.D.D. 15 C 19-4a



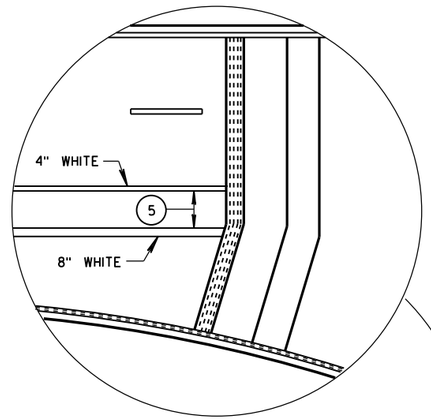


DESIGNATED BICYCLE LANE
NO PARKING

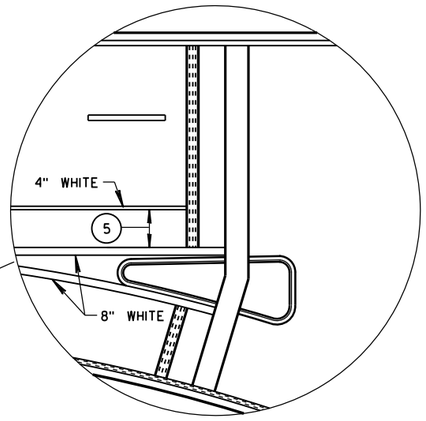
GENERAL NOTES

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
2. MINIMUM OF ONE PER BLOCK. MAXIMUM OF 250 FEET.
3. DOTTED LINES (3'LINE, 9'GAP) SHOULD BE USED 50 FEET TO 200 FEET IN ADVANCE OF AN INTERSECTION WHERE THERE IS NO RIGHT TURN ONLY LANE AND THERE IS HEAVY RIGHT TURN TRAFFIC OR THERE IS A NEAR-SIDE BUS STOP. AT OTHER INTERSECTIONS WHERE RIGHT TURN TRAFFIC IS LIGHT TO MODERATE, A SOLID LINE CAN BE USED UP TO THE INTERSECTION.
4. IF SIGNED AND/OR MARKED AS A BICYCLE FACILITY INCLUDE SECOND LINE OF LINE-SPACE MARKING, OTHERWISE DO NOT.
5. BIKE ACCOMODATION FOR CONCRETE PAVEMENT IS 5 FEET WIDE. BIKE ACCOMODATION FOR ASPHALT PAVEMENT IS A MINIMUM OF 4 FEET. USE 5 FEET AT ≥45 MPH.
6. OMIT THESE MARKINGS FOR WIDER TURN LANE APPLICATIONS (MINIMUM OF 15 FEET WIDE TURN LANE).
7. REFER TO CONTRACT PLANS FOR LANE WIDTH.

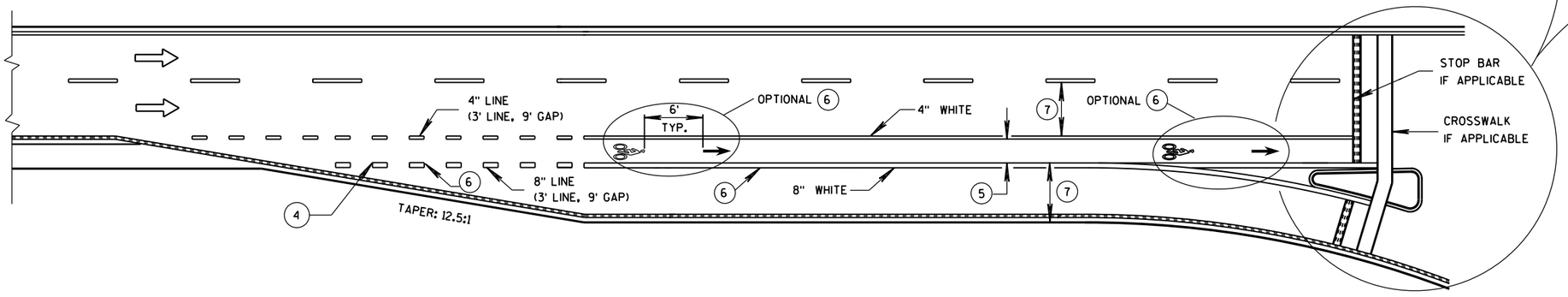
⇨ DIRECTION OF TRAVEL



4 LANE DIVIDED WITHOUT ISLAND



4 LANE DIVIDED WITH ISLAND



BIKE LANE - FOR 2-LANE ROADWAYS AND 4-LANE DIVIDED ROADWAYS
(4-LANE DIVIDED WITH RIGHT TURN LANE SHOWN)

BICYCLE LANE MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
12-2016 DATE
/S/ Matthew R. Rauch
STATE SIGNING AND MAF NEER
FHWA

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S.D.D. 15 C 29-5a

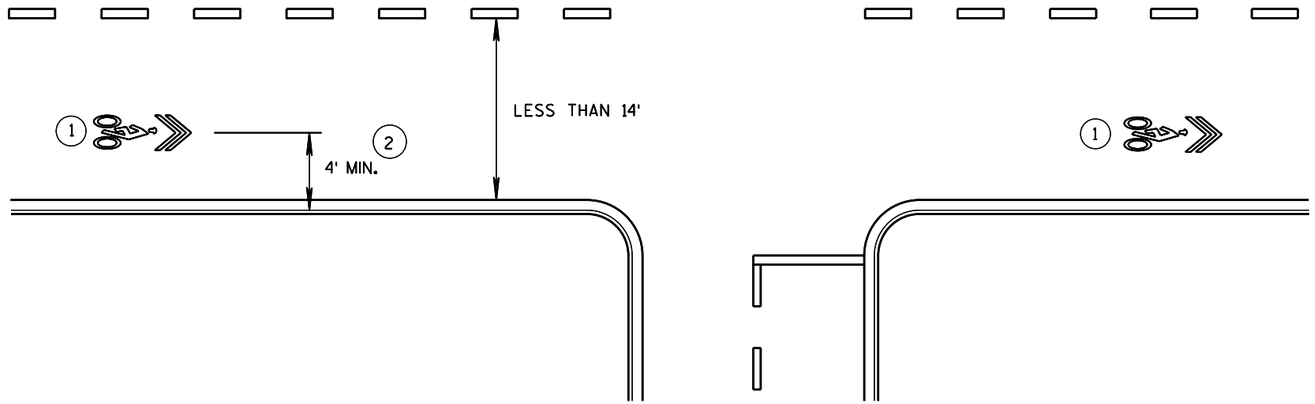
6

S.D.D. 15 C 29-5a

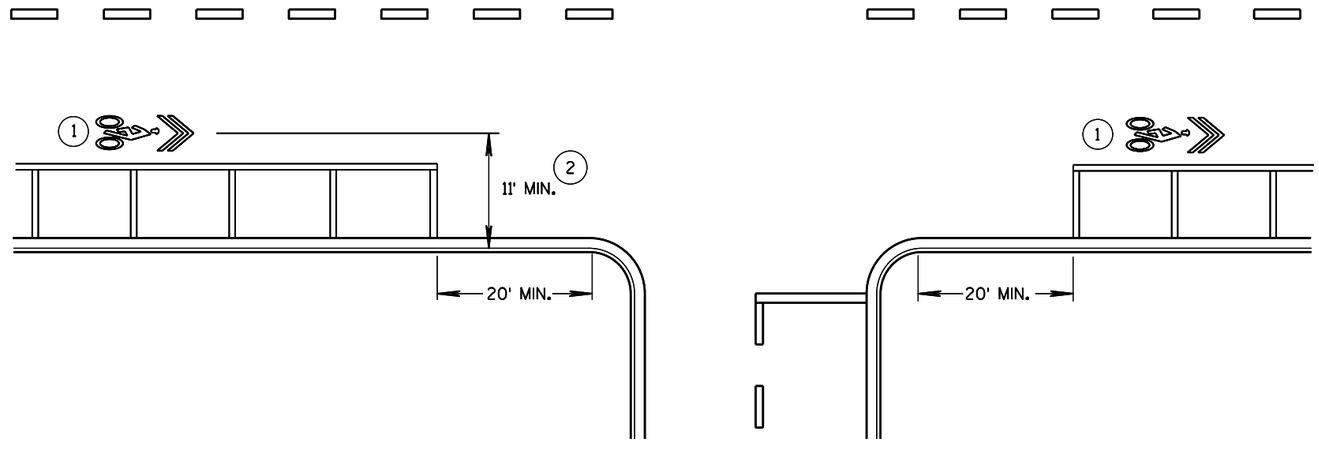
GENERAL NOTES

(1) MINIMUM OF ONE PER BLOCK, MAXIMUM OF 250 FEET.

(2) OR TO EDGE OF PAVEMENT WITHOUT CURB.



WITHOUT PARKING



WITH PARKING

PAVEMENT MARKING FOR
SHARED LANE
35 MPH OR LESS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

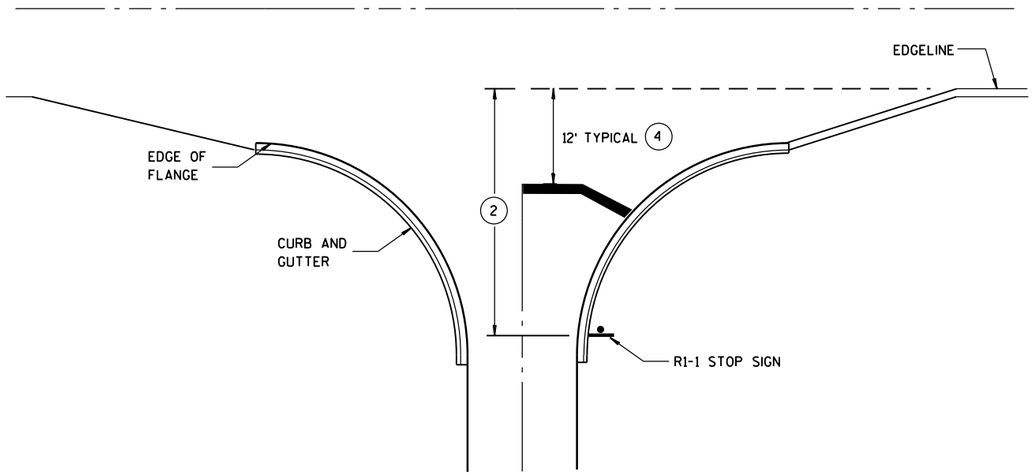
APPROVED
12-2016 — DATE
/S/ Matthew R. Rauch — STATE SIGNING AND MARKING ENGINEER
FHWA

6

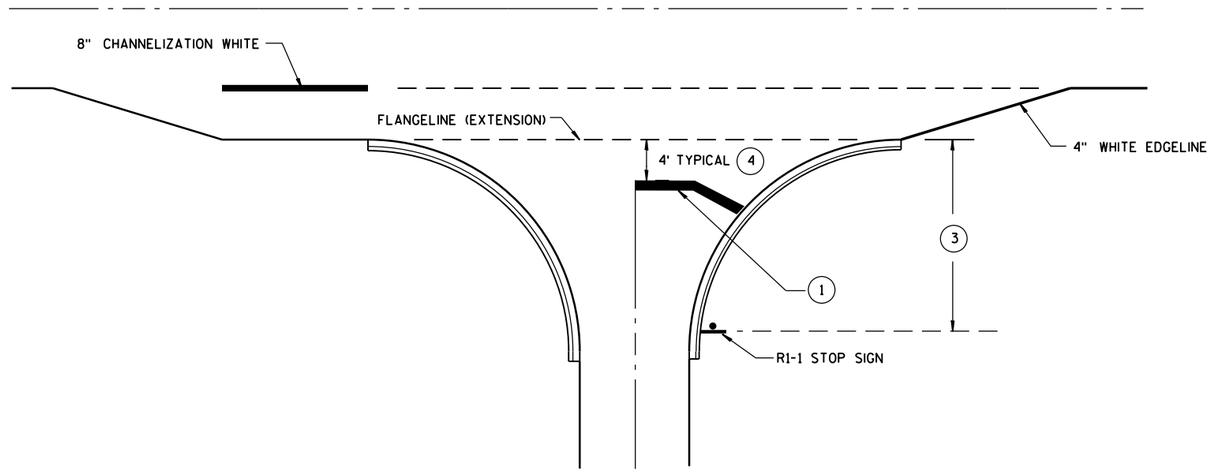
S.D.D. 15 C 29-5b

6

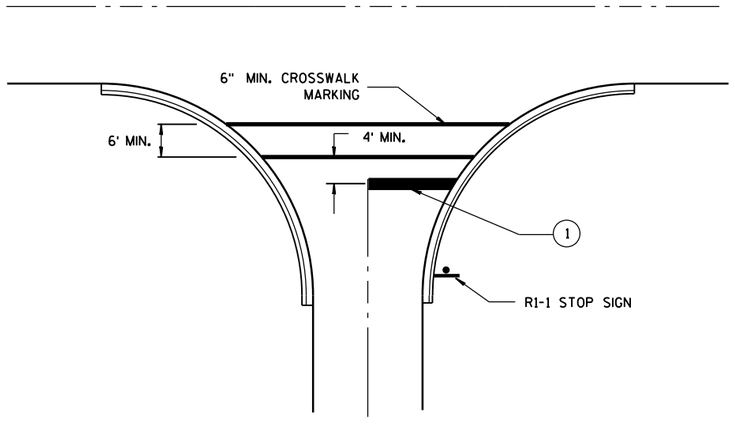
S.D.D. 15 C 29-5b



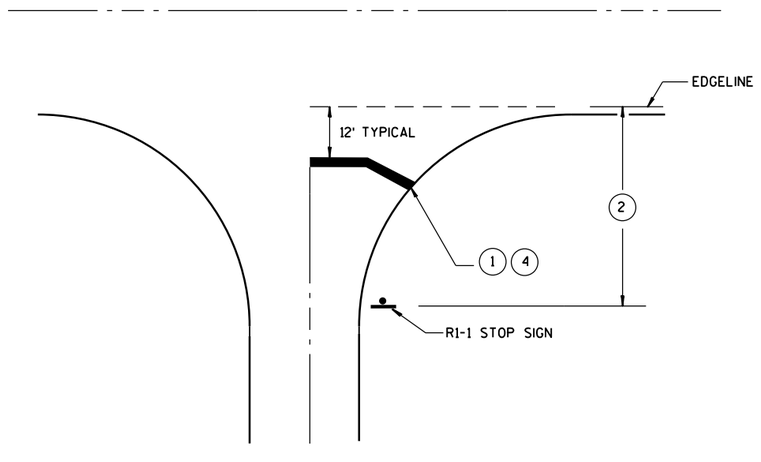
TYPICAL STOP LINE PAVEMENT MARKING WITH CURB AND GUTTER



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH RIGHT TURN LANE



TYPICAL STOP LINE PAVEMENT MARKING FOR SIDEROADS WITH CROSSWALK MARKING



TYPICAL STOP LINE PAVEMENT MARKING WITHOUT CURB AND GUTTER

GENERAL NOTES

1. 18-INCH STOP LINES MAY BE DELETED OR ADDED BY THE PROJECT ENGINEER BASED ON VISIBILITY AND SIGHT LINES.
2. IF STOP SIGN IS LESS THAN OR EQUAL TO 40 FEET FROM THE EDGELINE THAN NO STOP LINE IS REQUIRED.
3. IF STOP SIGN IS LESS THAN OR EQUAL TO 30 FEET FROM THE FLANGELINE EXTENSION THAN NO STOP LINE IS REQUIRED.
4. MOVE CLOSER TO EDGE OF TRAVEL LANE AS NEEDED FOR VISIBILITY AND SIGHT LINES. (NO CLOSER THAN 4 FEET).

STOP LINE AND CROSSWALK PAVEMENT MARKING

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

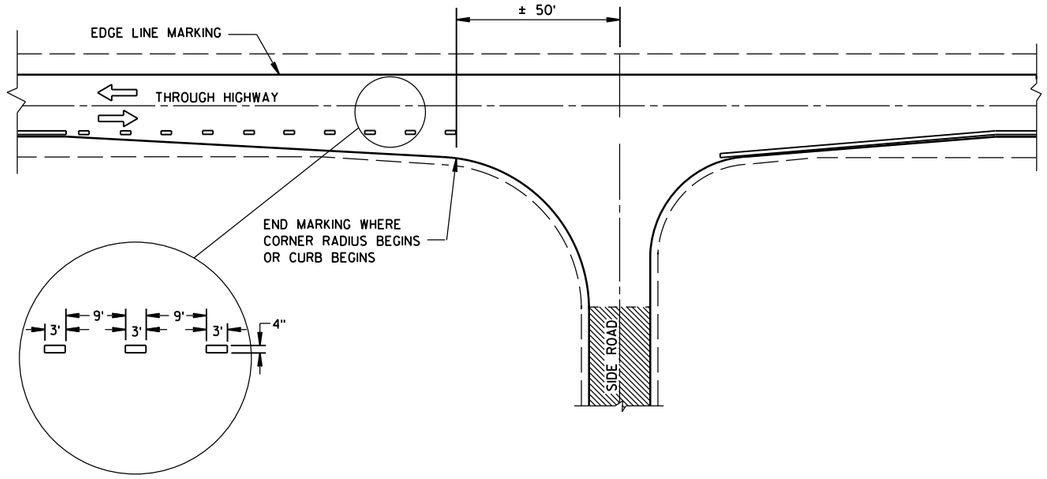
4-18-2016
DATE

/S/ Matthew R. Rauch
STATE SIGNING AND MAR[illegible]NEER

FHWA

6

S.D.D. 15 C 33-2



MINOR INTERSECTION WITHOUT CURBS

GENERAL NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

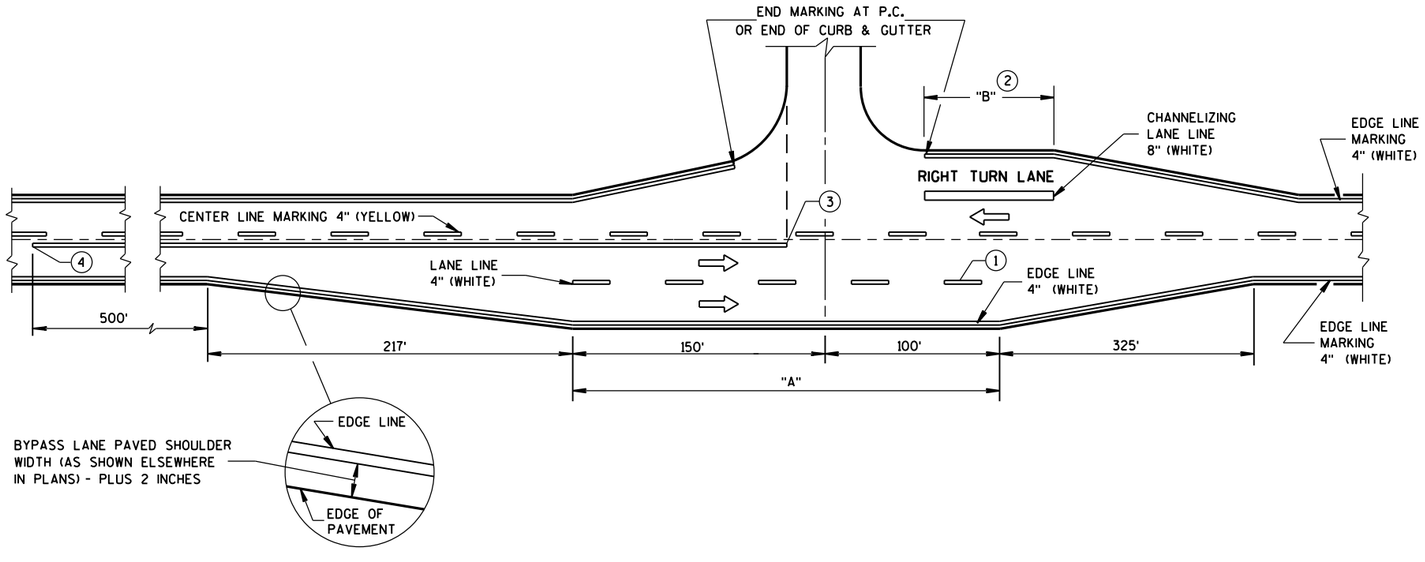
(1) WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.

(2) WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.

(3) BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

(4) BARRIER LINE STARTS 500 FEET PRIOR TO THE BYPASS TAPER.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL



MAJOR INTERSECTIONS

(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)

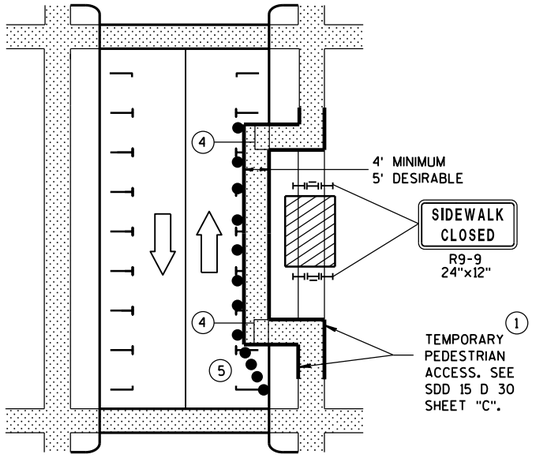
PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

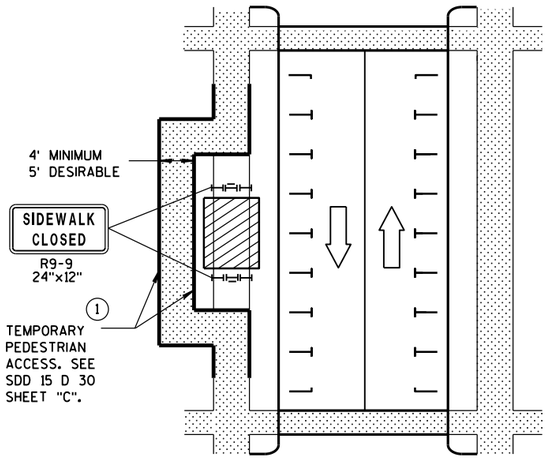
S.D.D. 15 C 35-1a

NOTE: MAY BE USED ON ROADWAY WITH POSTED SPEED OF LESS THAN 40 MPH.

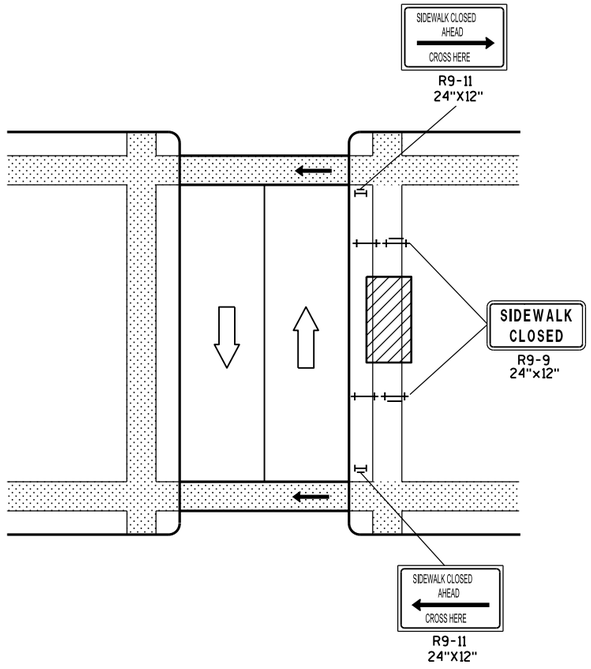


MID-BLOCK SIDEWALK CLOSURE IN PARKING LANE

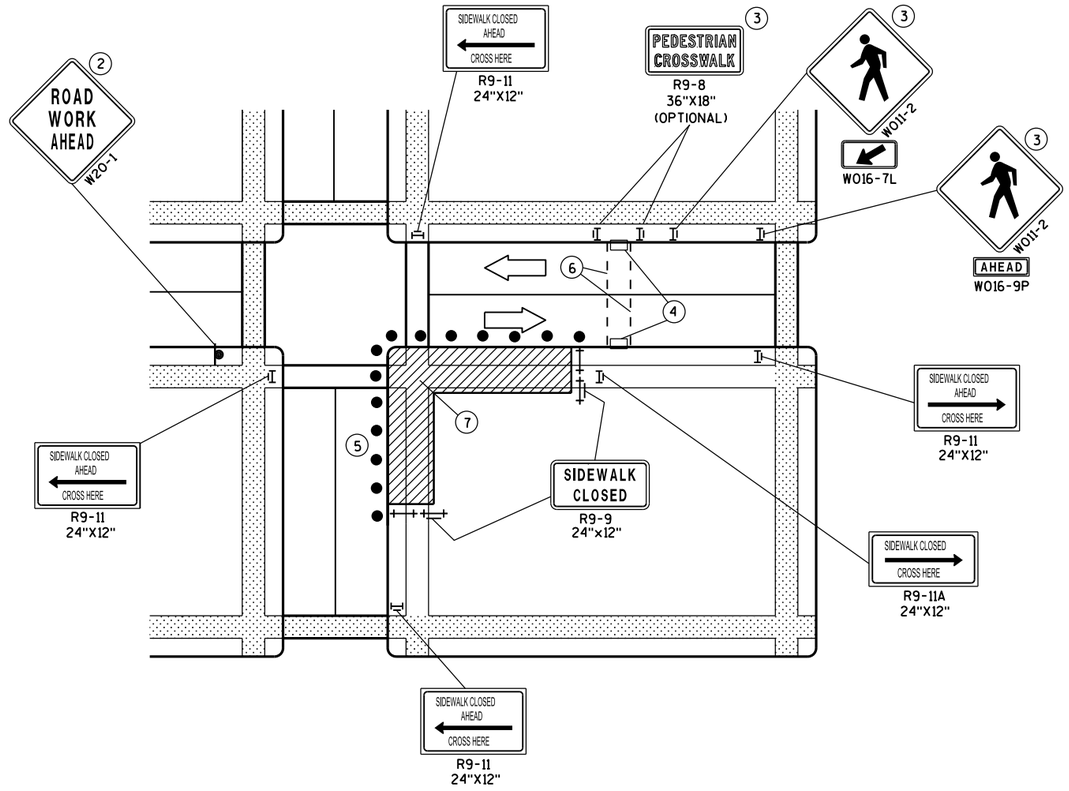
NOTE: LAYOUT SAME AS ABOVE.



SIDEWALK DIVERSION



MID-BLOCK SIDEWALK CLOSURE



CORNER SIDEWALK CLOSURE WITH TEMPORARY CROSSWALK

GENERAL NOTES

WHEN CLOSING OR RELOCATING CROSSWALKS OR SIDEWALKS, PROVIDE DETECABLE TEMPORARY FACILITIES AND INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH EXISTING PEDESTRIAN FACILITIES.

TEMPORARY TRAFFIC CONTROL DEVICES FOR PEDESTRIANS ARE SHOWN. OTHER DEVICES MAY BE NECESSARY TO CONTROL VEHICULAR TRAFFIC. STAGE WORK, AS NECESSARY, TO PROVIDE A TEMPORARY PEDESTRIAN ACCESS ROUTE AT ALL TIMES. FOR ROADWAYS WITH NO AVAILABLE DETOURS, MAINTAIN ONE OPEN SIDEWALK AT ALL TIMES.

"WO" SIGN IS THE SAME AS "W" SIGN EXCEPT THE BACKGROUND IS ORANGE.

FOR NIGHTTIME CLOSURE USE TYPE "A" FLASHING WARNING LIGHTS ON BARRICADES, SUPPORTING SIGNS AND CLOSING SIDEWALK. USE TYPE "C" STEADY BURN LIGHTS ON CHANNELIZING DEVICES SEPARATING THE WORK AREA FROM VEHICULAR TRAFFIC.

PEDESTRIAN TRAFFIC SIGNAL DISPLAY CONTROLLING CLOSED CROSSWALK SHALL BE COVERED OR DEACTIVATED.

POST MOUNTED SIGNS LOCATED ADJACENT TO A SIDEWALK SHALL HAVE A 7 FOOT MINIMUM CLEARANCE FROM THE BOTTOM OF THE SIGN TO THE SIDEWALK SURFACE.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

(1) IF SIDEWALK CLOSURE AFFECTS AN ACCESSIBLE AND DETECTABLE FACILITY, MAINTAIN ACCESSIBILITY AND DETECTABILITY ALONG THE ALTERNATE PEDESTRIAN ROUTE.

(2) "ROAD WORK AHEAD" SIGNS ARE NOT REQUIRED IF THE SIDEWALK CLOSURE OCCURS WITHIN A LARGER WORK ZONE WHERE ADVANCE WARNING SIGNS ARE ALREADY PRESENT, OR IF THE WORK AREA AND EQUIPMENT ARE MORE THAN 2 FEET BEHIND THE CURB.

(3) IF TEMPORARY PEDESTRIAN CROSSWALK IS NOT PROVIDED, OMIT R9-8 AND W011-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK.

(4) TEMPORARY CURB RAMPS. SEE SDD 15 D 30 SHEET "B".

(5) DRUMS OR BARRICADES AT 25 FOOT SPACING. STREET PARKING SHALL BE PROHIBITED FOR AT LEAST 50 FEET IN ADVANCE OF THE MID-BLOCK CROSSWALK.

(6) TEMPORARY PAVEMENT MARKING FOR CROSSWALK LINES.

(7) LIMIT WORK TO ONE QUADRANT AT A TIME TO MINIMIZE PEDESTRIAN DISRUPTION.

LEGEND

- SIGN ON PERMANENT SUPPORT
- UNDER PEDESTRIAN TRAFFIC
- WORK AREA
- PEDESTRIAN CHANNELIZATION DEVICE
- TYPE II BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- TYPE III BARRICADE WITH/WITHOUT SIGN (ALL WITH ONE WARNING LIGHT, TYPE A, LOW-INTENSITY FLASHING)
- DIRECTION OF TRAFFIC
- TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

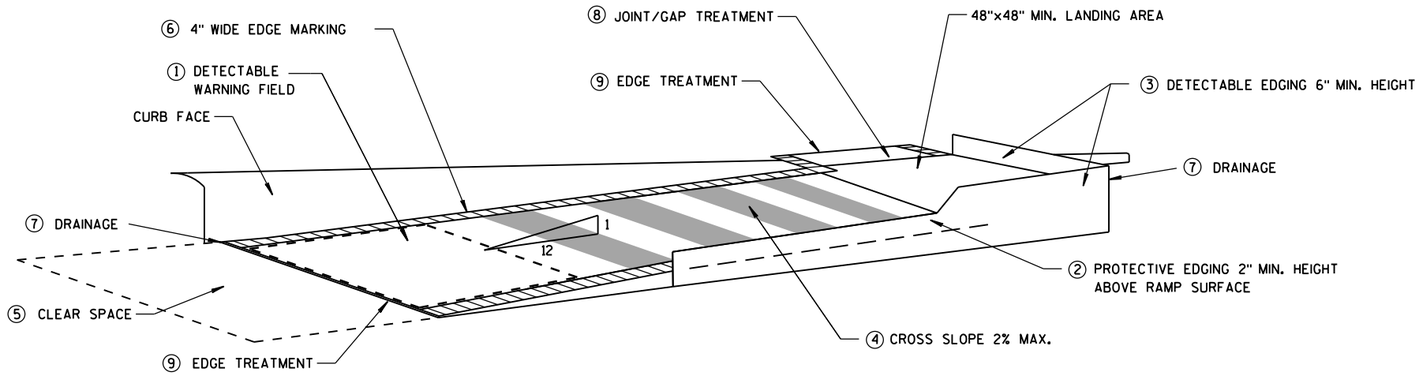
STATE OF WISCONSIN
DEPARTMENT OF TRANSPOR

6

S.D.D. 15 D 30-3a

6

S.D.D. 15 D 30-3a



TEMPORARY CURB RAMP PARALLEL TO CURB

GENERAL NOTES

NOTIFY THE BUS COMPANY 7 DAYS IN ADVANCE OF THE BUS STOP RELOCATION.

ALTERNATE SIDEWALK WORK BETWEEN LEFT AND RIGHT SIDE OF ROADWAY TO MAINTAIN PEDESTRIAN ACCESS.

① CURB RAMPS SHALL BE 48" MIN. WIDTH WITH A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 8D5 SHEET "E".

② PROTECTIVE EDGING WITH A 2" MIN. HEIGHT SHALL BE INSTALLED WHEN A CURB RAMP OR LANDING PLATFORM HAS A VERTICAL DROP OF 6" OR GREATER OR HAS A SIDE APRON SLOPE STEEPER THAN 1:3 (33%). PROTECTIVE EDGING SHOULD BE CONSIDERED WHEN CURB RAMPS OR LANDING PLATFORMS HAVE A VERTICAL DROP OF 3" OR MORE.

③ DETECTABLE EDGING WITH 6" MIN. HEIGHT AND CONTRASTING COLOR SHALL BE INSTALLED ON ALL CURB RAMP LANDINGS WHERE THE WALKWAY CHANGES DIRECTION (TURNS).

④ CURB RAMPS AND LANDINGS SHALL HAVE A 1:50 (2%) MAX. CROSS-SLOPE.

⑤ CLEAR SPACE OF 48"X48" MIN. SHALL BE PROVIDED ABOVE AND BELOW THE CURB RAMP.

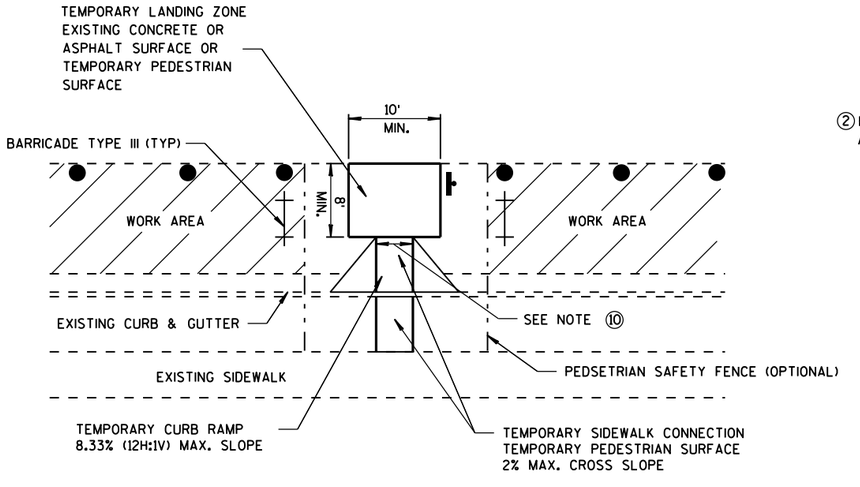
⑥ THE CURB RAMP WALKWAY EDGE SHALL BE MARKED WITH A YELLOW COLOR, 4" WIDE MARKING, UNLESS A CONTRASTING DETECTABLE WARNING FIELD IS PROVIDED.

⑦ DO NOT RESTRICT WATER FLOW IN THE GUTTER SYSTEM.

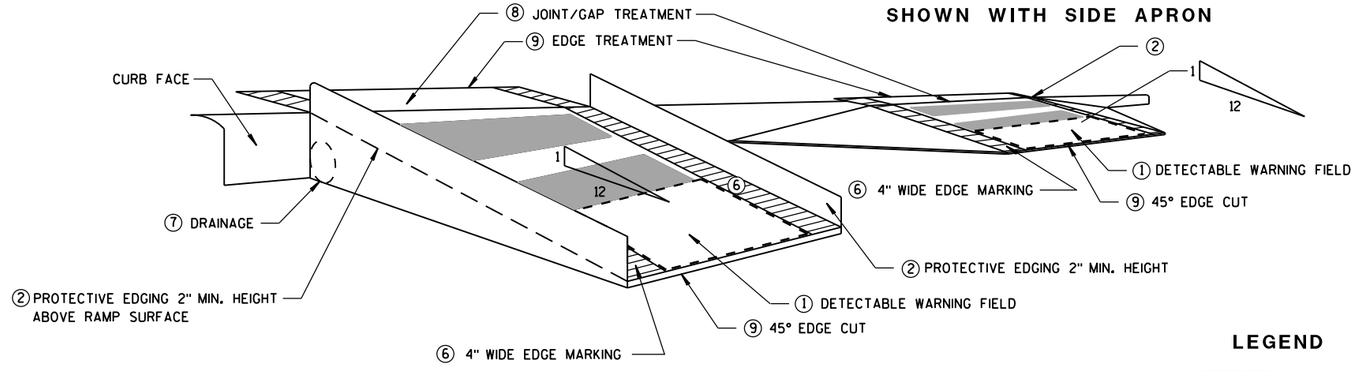
⑧ LATERAL JOINTS OR GAPS BETWEEN SURFACES SHALL BE LESS THAN 1/2" WIDTH.

⑨ CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED 1/2". LATERAL EDGES SHALL BE VERTICAL UP TO 1/4" HIGH, AND BEVELED AT 1:2 BETWEEN 1/4" AND 1/2".

⑩ 5' WIDE MIN. WITH PEDSETRIAN SAFETY FENCE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY FENCE.



TEMPORARY BUS STOP PAD



SHOWN WITH PROTECTIVE EDGE

TEMPORARY CURB RAMP PERPENDICULAR TO CURB

LEGEND

WORK AREA

TYPE III BARRICADE

TRAFFIC CONTOL DRUM

TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

June 2016 — DATE

/S/ Peter Amakobe Atepe — STATEWIDE WORK ZONE SAFETY ENGINEER

FHWA

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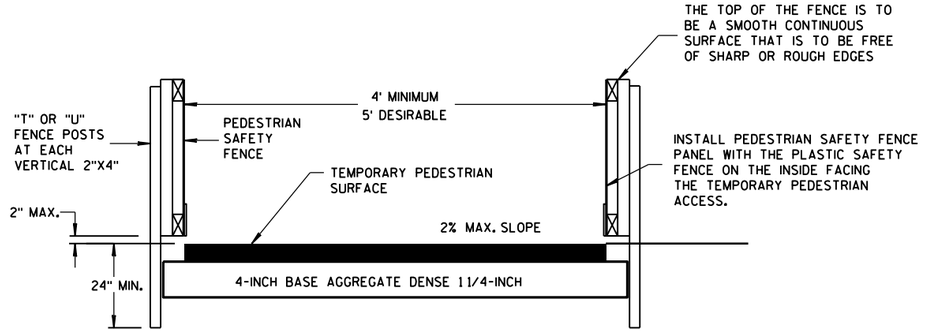
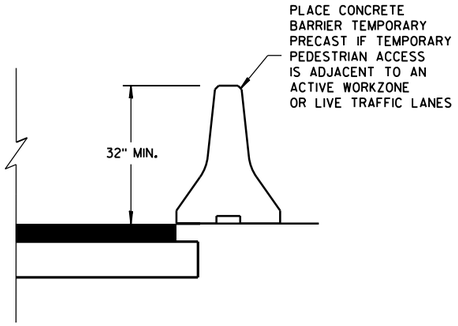
S.D.D. 15 D 30-3b

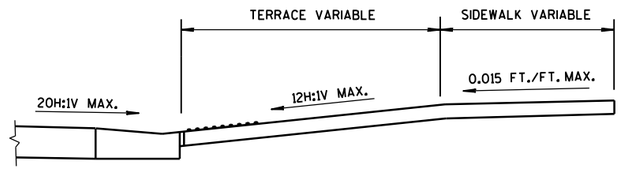




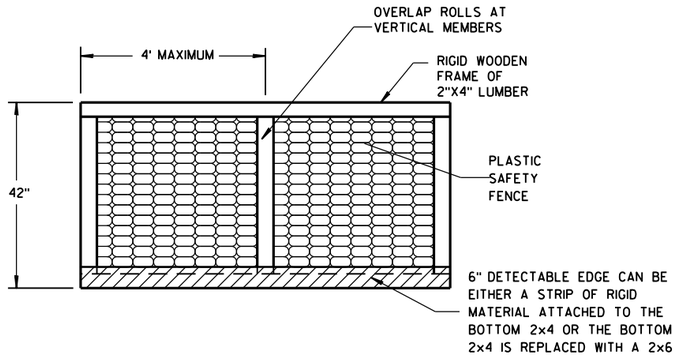
TEMPORARY PEDESTRIAN ACCESS

GENERAL NOTES

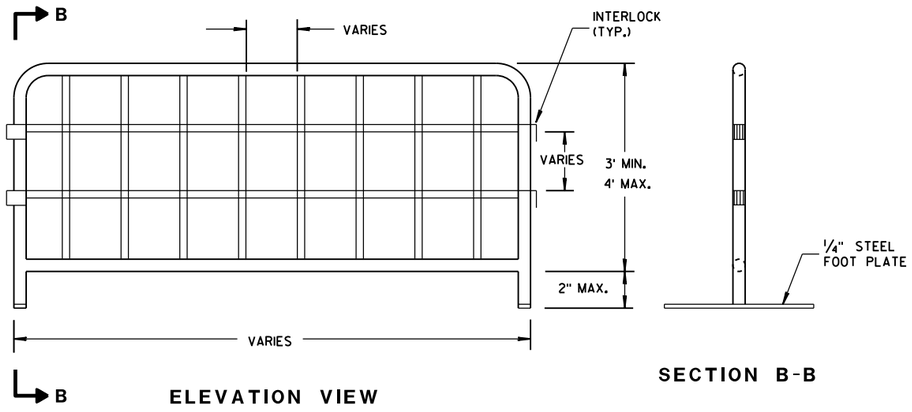
(1) INTERCHANGEABLE WITH THE PEDESTRIAN SAFETY FENCE.



SECTION A-A



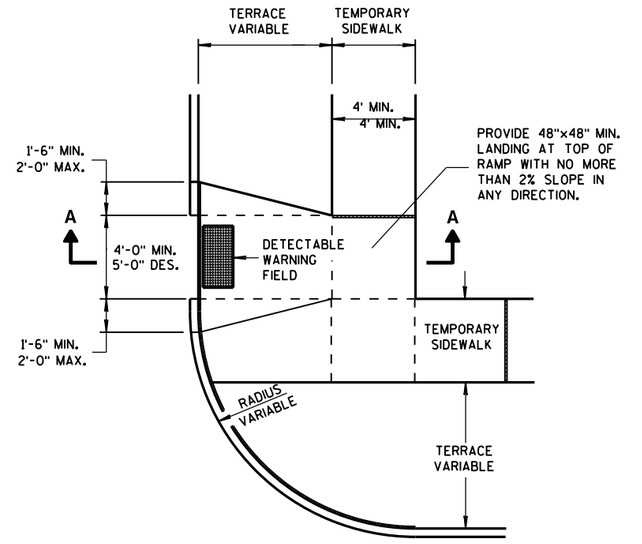
PEDESTRIAN SAFETY FENCE



ELEVATION VIEW

SECTION B-B

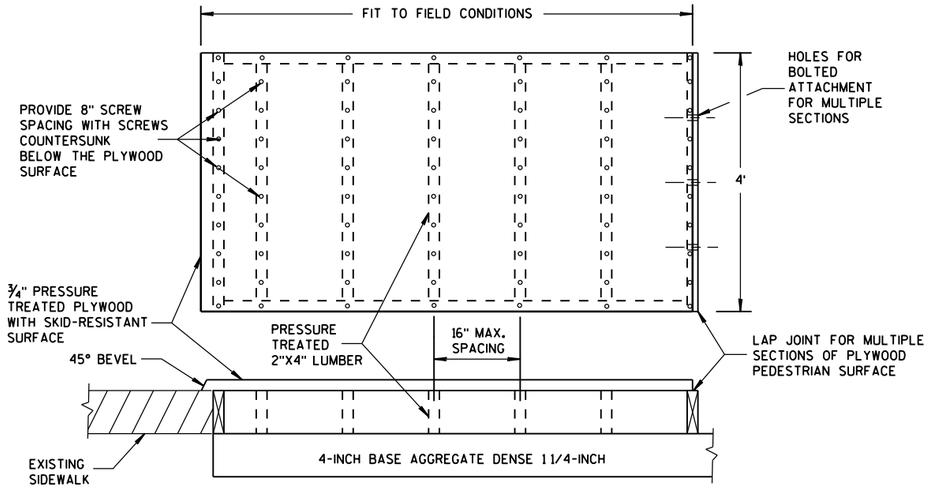
TEMPORARY PEDESTRIAN STEEL BARRICADE (1)



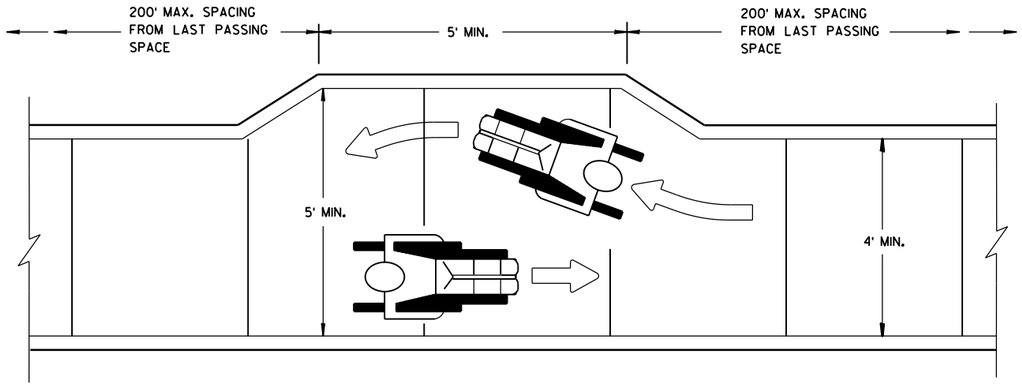
PLAN VIEW

TEMPORARY TYPE 3 RAMP

(OUTSIDE OF CROSSWALK AREA)



TEMPORARY PEDESTRIAN SURFACE PLYWOOD



NARROW SIDEWALK PASSING DETAIL

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
June 2016
DATE
/S/ Peter Amakobe Atepe
STATEWIDE WORK ZON SAFETY ENGIN IC
FHWA

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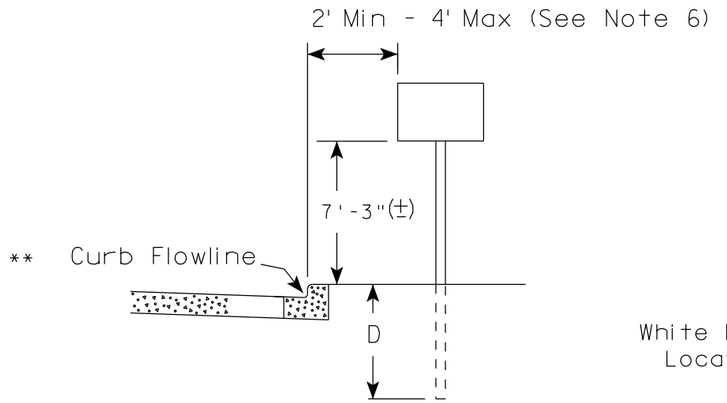
S.D.D. 15 D 30-3c

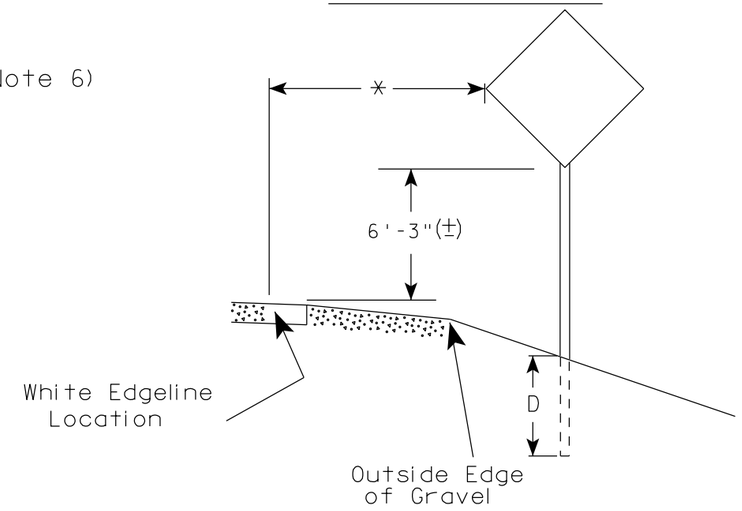
6

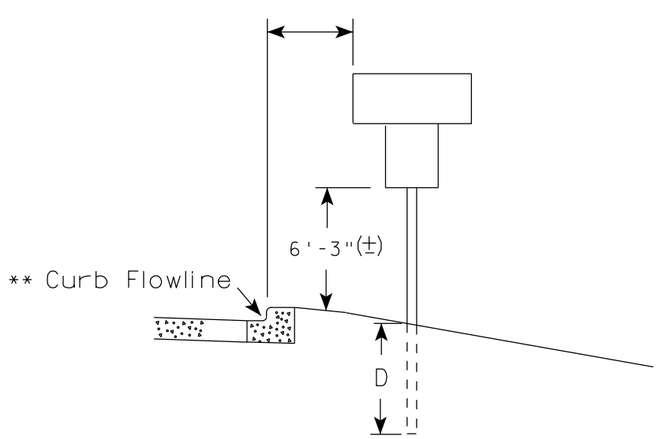
S.D.D. 15 D 30-3c

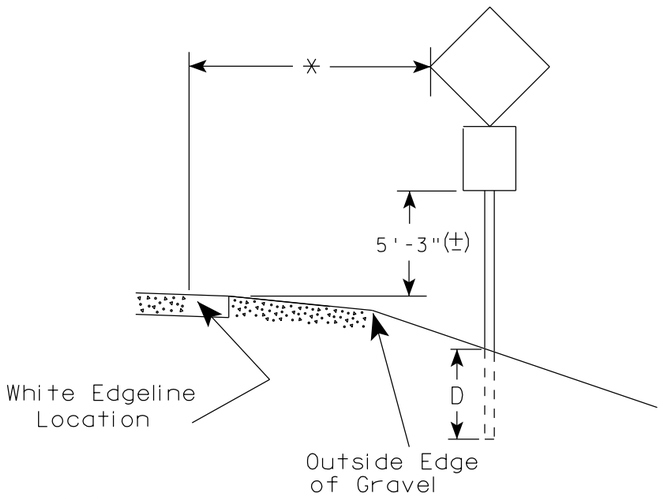
URBAN AREA



RURAL AREA (See Note 2)







GENERAL NOTES

1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
2. If signs are mounted on barrier wall, see A4-10 sign plate.
3. For expressways and freeways, mounting height is 7'- 3" (±) or 6'-3" (±) depending upon existence of a sub-sign.
4. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
5. Minimum mounting height for signs mounted on traffic signal poles is 5'- 3" (±).
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. The (±) tolerance for mounting height is 3 inches.
8. Folding signs shall be mounted at a height of 5'-3" (±) or as directd by the Engineer.
9. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" (±).

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

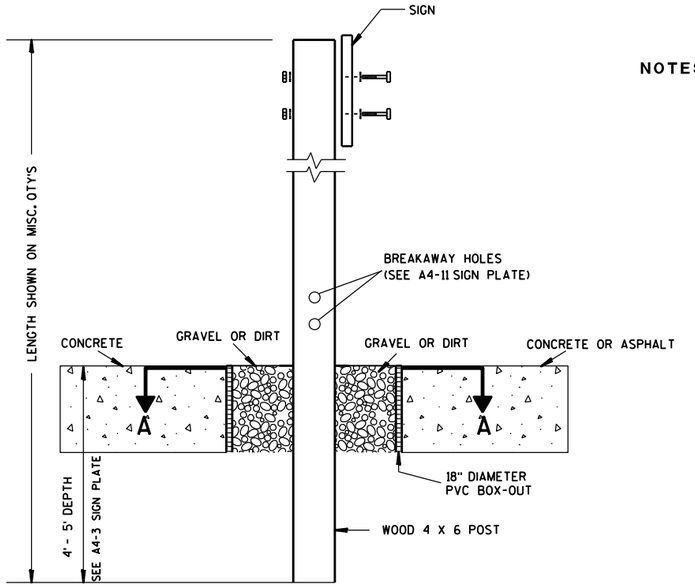
TYPICAL INSTALLATION OF PERMANENT TYPE II SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-3.20

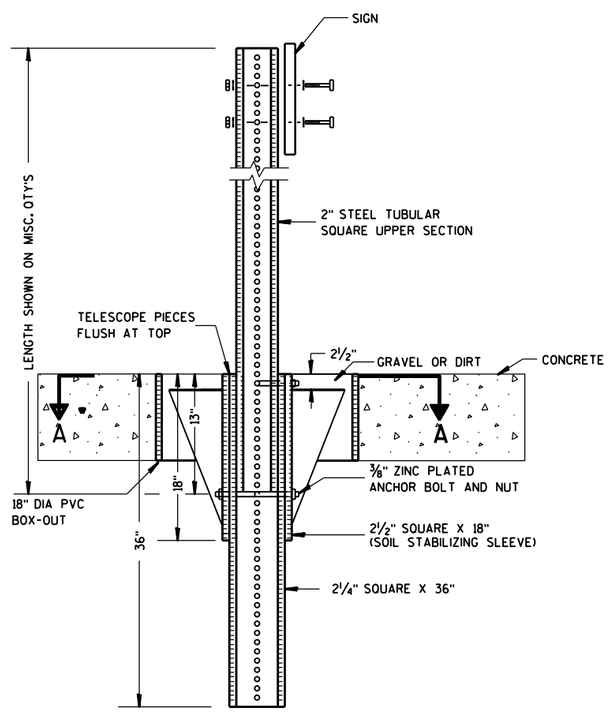
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



ELEVATION VIEW

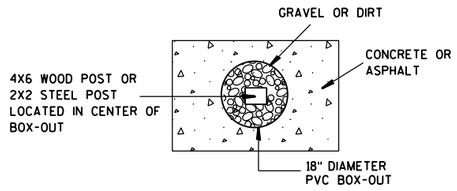
DETAIL OF WOOD 4 X 6 SIGN POST IN BOX-OUT

NOTES:
1. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO INSTALLATION
2. SEE SIGN PLATE A4-8 FOR SIGN HARDWARE REQUIREMENTS
3. 18 INCH X 18 INCH SQUARE BOX-OUTS MAY BE USED FOR INSTALLATIONS IN EXISTING CONCRETE OR ASPHALT LOCATIONS.



ELEVATION VIEW

DETAIL OF STEEL 2 X 2 SIGN POST IN BOX-OUT



PLAN VIEW

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

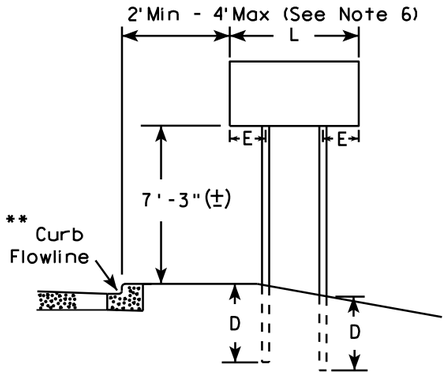
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

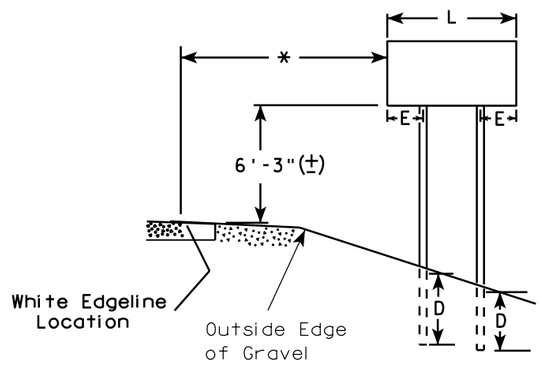
DATE 1/27/14 PLATE NO. A4-3B.1

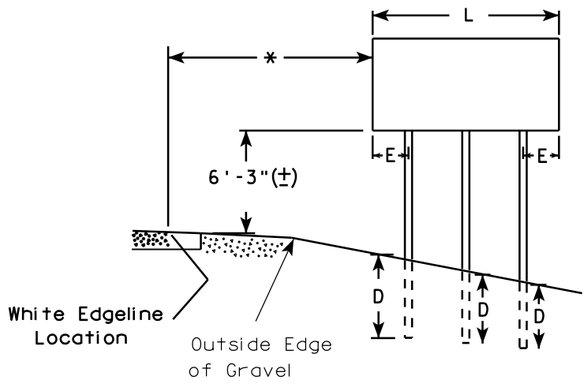
PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E

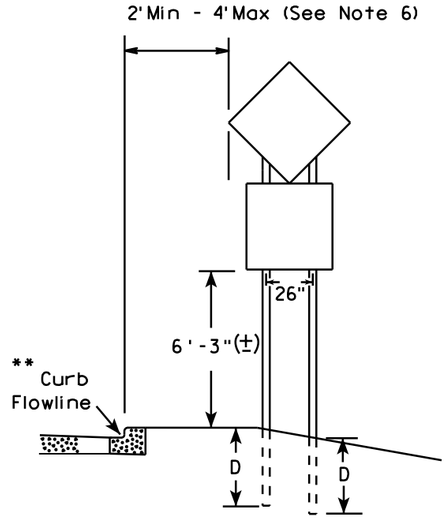
URBAN AREA



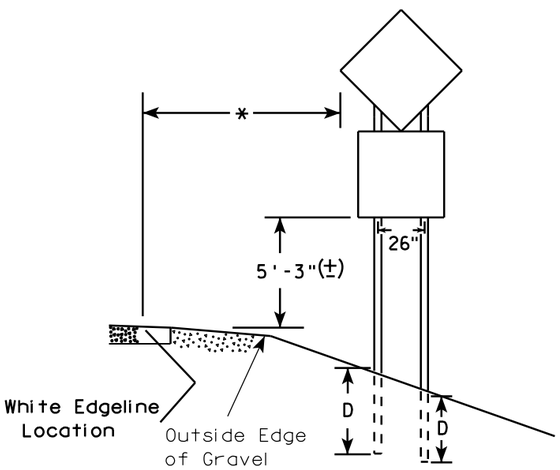
RURAL AREA (See Note 3)







48" DIAMOND WARNING SIGN



48" DIAMOND WARNING SIGN

GENERAL NOTES

1. For 3 or 4 post installations, individual post spacing shall be greater than 3'-6".
2. See tables below for required number of posts.
3. For expressways and freeways, mounting height is 7'-3" (±) or 6'-3" (±) depending upon existence of sub-sign.
4. The (±) tolerance for mounting height is 3 inches.
5. Minimum mounting height for J assemblies (A2-1S) is 7'-3" (±) or 6'-3" (±) per urban or rural detail respectively.
6. Offset distance shall be consistent with existing signs or consistent throughout length of project.
7. Folding signs shall be mounted at a height of 5'-3" (±) or as directed by the engineer.
8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±). The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4"-3" (±).

* 6 feet from edge of a paved shoulder or 12 feet from the edge of pavement (edge line location) or 2 feet from outside edge of gravel, whichever is greater unless directed by project engineer.

** The existence of curb and gutter does not in itself mandate the vertical clearance illustrated. That height is typically measured where there is sidewalk adjacent to the roadway or parking is permitted. In the absence of sidewalk vertical clearance is measured from the top of the curb. Offset of signs is measured from the flow line.

*** See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

***

SIGN SHAPE OTHER THAN DIAMOND (TWO POSTS REQUIRED)	
L	E
Greater than 48" Less than 60"	12"
60" to 120"	L/5

SIGN SHAPE OTHER THAN DIAMOND (THREE POSTS REQUIRED)	
L	E
Greater than 120" less than 168"	12"

SIGN SHAPE OTHER THAN DIAMOND (FOUR POSTS REQUIRED)	
L	E
168" and greater	12"

POST EMBEDMENT DEPTH

Area of Sign Installation (Sq. Ft.)	D (Min)
20 or Less	4'
Greater than 20	5'

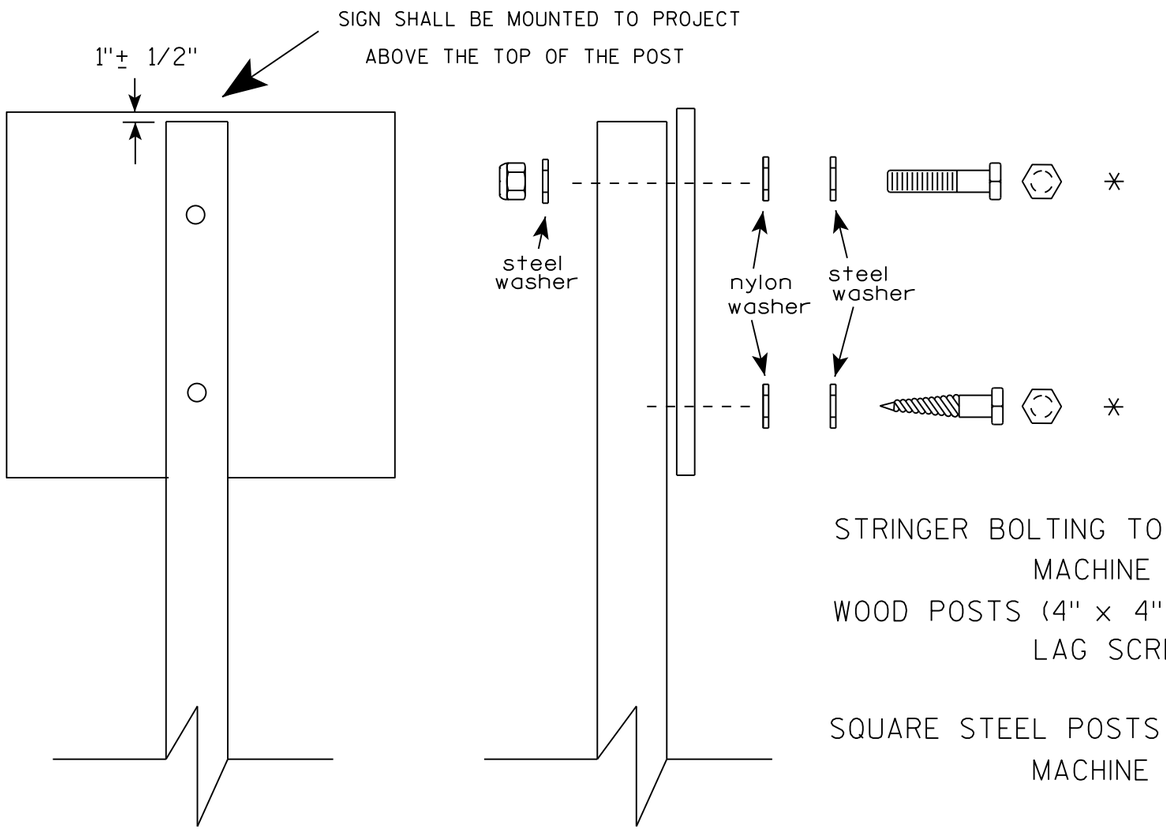
TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 7/23/15 PLATE NO. A4-4 88 14

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



Nuts, bolts and lags used for mounting signs shall have hexagonal heads and shall be either :

a. Hot dip galvanized in accordance with ASTM Designation: A 153, Class D, or SC 3
b. Electro-galvanized in accordance with ASTM Designation : B 633, TYPE III, SC 3.

Threads on bolts and nuts shall be manufactured with sufficient allowance for the cadmium plate or galvanized coating to permit the nuts to run freely on the bolts.

STRINGER BOLTING TO ALUMINUM SIGNS (SEE SIGN PLATE A4-18)
MACHINE BOLTS - 5/16" X 1-3/4" Length w/ lock nuts
WOOD POSTS (4" x 4" or 4" x 6")
LAG SCREWS - 3/8" X 3" (NO STRINGERS ON BACK OF SIGN)
3/8" X 4" (STRINGERS ON BACK OF SIGN)
SQUARE STEEL POSTS (2" x 2")
MACHINE BOLTS - 3/8" X 3-1/4" Length w/ nuts (NO STRINGER ON BACK OF SIGN)
3/8" X 5" Length w/ nuts (STRINGERS ON BACK OF SIGN)
RIVETS - 9/32 " (6605-9-6) BULB-TITE, TRI-FOLD, ALUMINUM BODY/MANDREL
O.D. FLANGE .720-.765 INCH, GRIP RANGE .042-.375 INCH
WASHERS (ALL POSTS) -
1-1/4" O.D. X 3/8" I.D. X 1/16" STEEL
1-1/4" O.D. X 3/8" I.D. X .080 NYLON

* Two different fastening systems are shown for illustration purposes. On any individual sign, either one or the other system shall be used. Actual number of fasteners per sign varies with the sign area, but normally there are two. For a single post installation, all signs greater than 9 sq. ft. require the use of 3 fasteners.

ATTACHMENT OF SIGNS TO POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

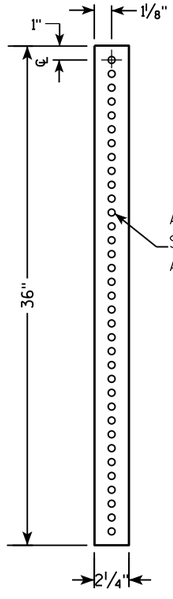
DATE 8/11/16 PLATE NO. A4-8.8

PROJECT NO: SHEET NO: E

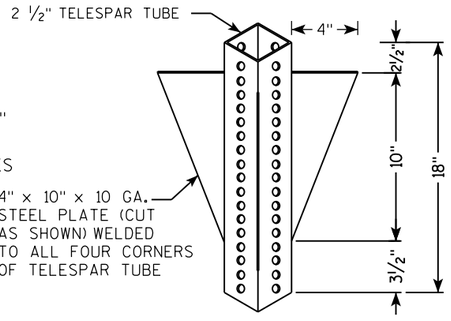
FILE NAME : C:\CADfiles\Projects\tr_stdplate\A48.DGN PLOT DATE : 11-AUG-2016 11:35 PLOT BY : $$ plotuser $$

TELESCOPIC TUBING ANCHORS
TWO PIECE SYSTEM

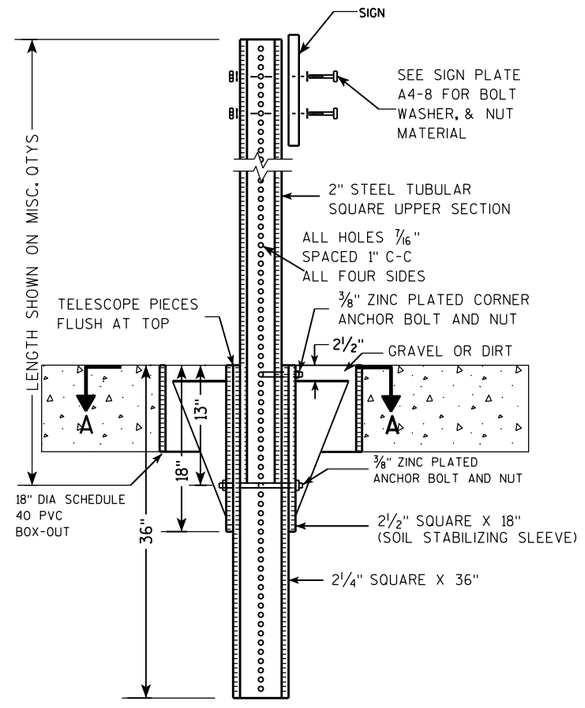
2 1/4 " SQUARE
12 GAUGE
PERFORATED
GALVANIZED FINISH



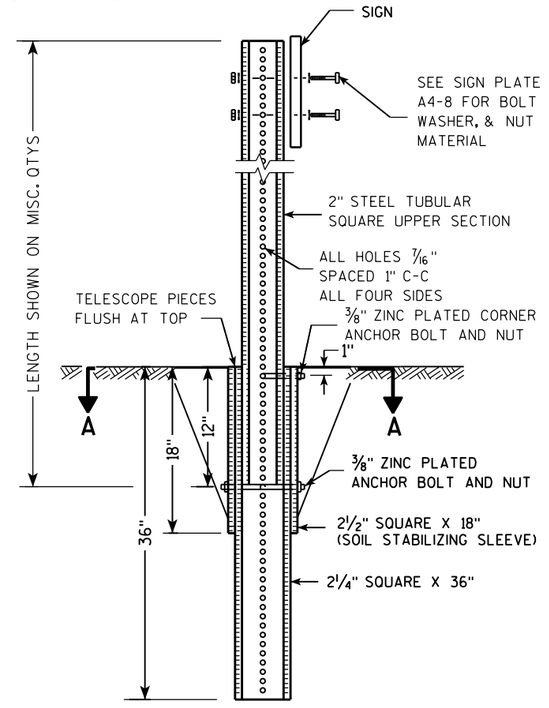
2 1/2 " SQUARE
12 GAUGE
OMNI-DIRECTIONAL
PERFORATED
SOIL STABILIZING SLEEVE
GALVANIZED FINISH

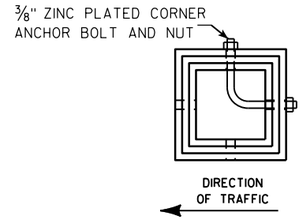


DETAIL OF TUBULAR STEEL SIGN POST
(IN POURED CONCRETE OR ASPHALT)



DETAIL OF TUBULAR STEEL SIGN POST
(IN LOCATIONS OTHER THAN POURED CONCRETE OR ASPHALT)





SECTION A-A

Area of Sign Installation (Sq. Ft.)	Number of Required Posts
9 or less	1
Greater than 9 less than or equal to 18	2
Greater than 18 less than or equal to 27	3

Signs wider than 3 feet or larger than 9 sq. ft shall be mounted on multiple posts (see above table).

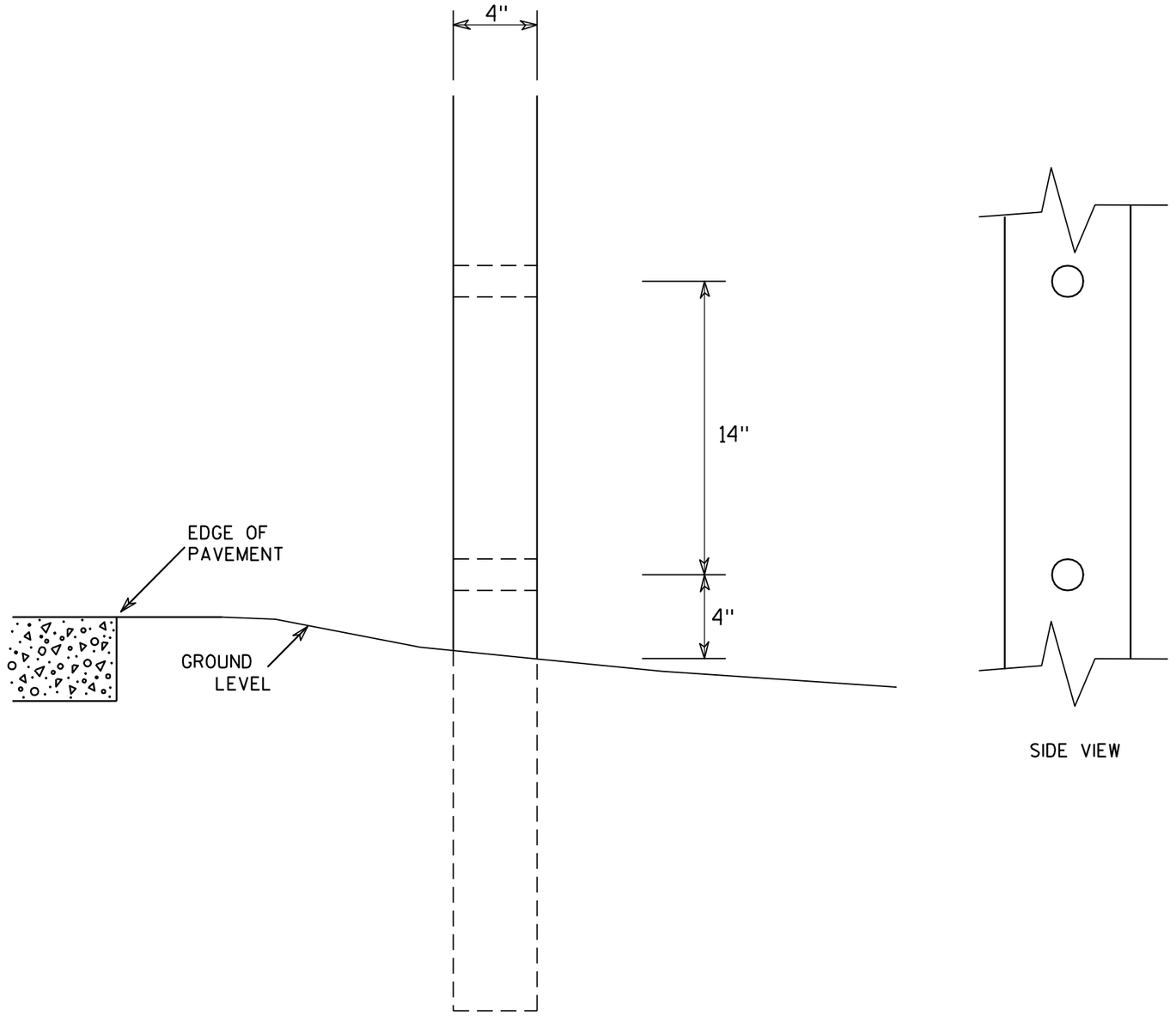
TUBULAR STEEL
SIGN POST
A4-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 2/05/15 PLATE 90 A4-9.9

PROJECT NO:	HWY:	COUNTY:		SHEET NO:	E



SIDE VIEW

GENERAL NOTES

1. All 4 x 6 Wood Posts shall be modified by having two 1½" diameter holes drilled perpendicular to the roadway centerline.

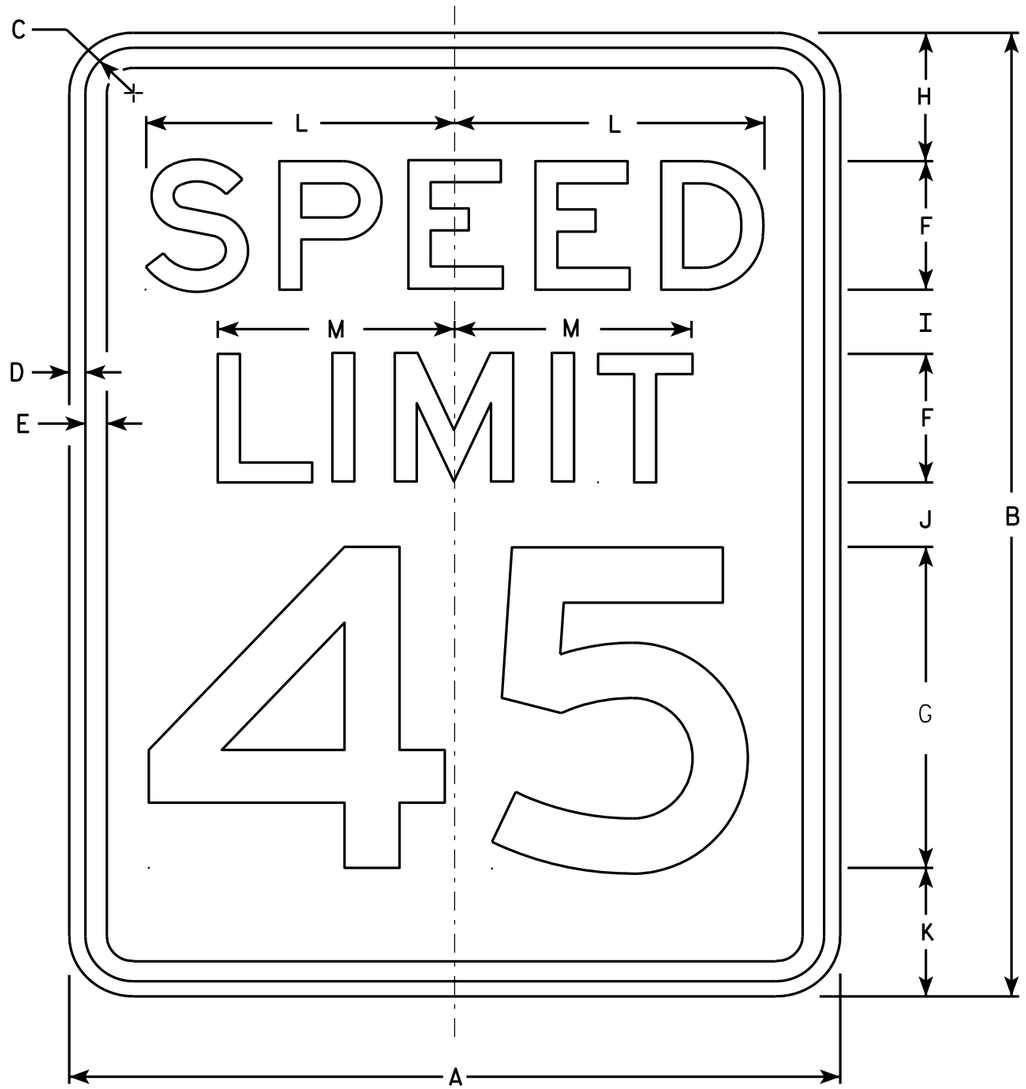
4 X 6 WOOD POST MODIFICATIONS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Chester J Spang for State Traffic Engineer

DATE 3/27/97 PLATE NO. A4-11.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 91	E



R2-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically adjust spacing to achieve proper balance.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	18	24	1 1/8	3/8	1/2	3	8	3	2	2	3	7 1/4	5 1/2														3.0
2S	24	30	1 1/8	3/8	1/2	4	10	3	2 1/4	3 3/8	3 3/8	9 5/8	7 3/8														5.0
2M	30	36	1 3/8	1/2	5/8	5	12	5	2 1/2	2 1/2	4	12	9 1/4														7.5
3	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
4	36	48	1 3/8	1/2	5/8	6	14	6	5	5	6	14 3/8	11														12.0
5	48	60	2 1/4	3/4	1	8	20	6	4 1/2	6 3/4	6 3/4	19 1/4	14 5/8														20.0

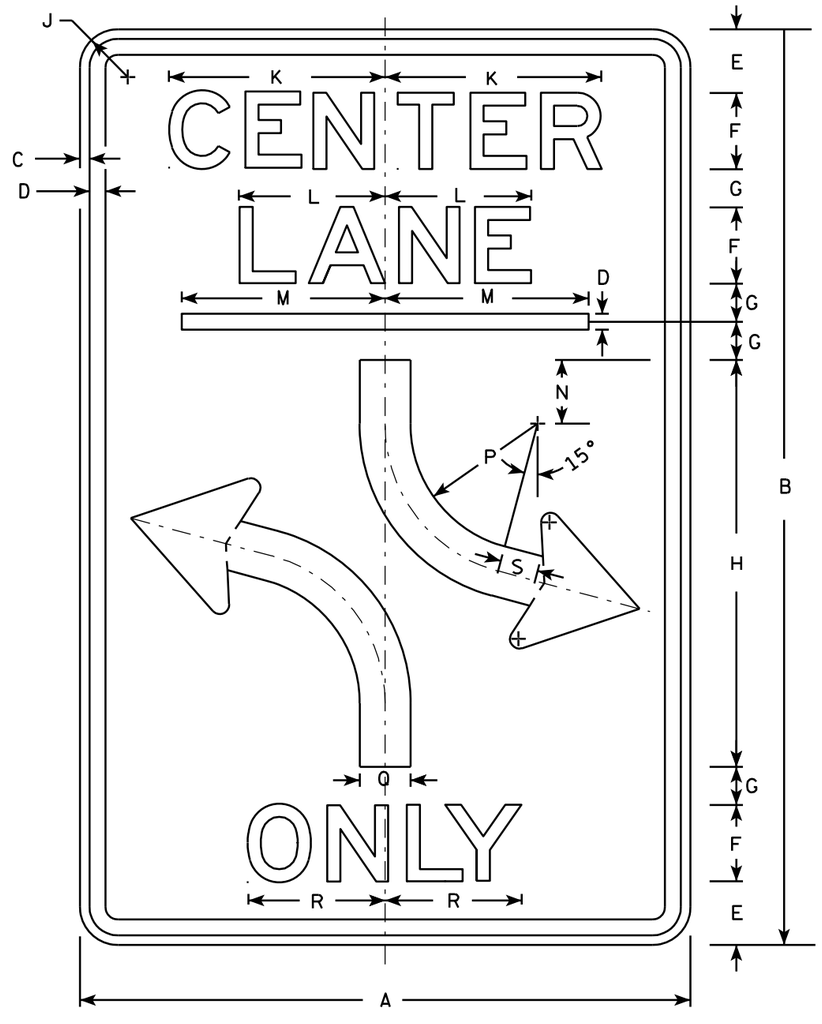
STANDARD SIGN
R2-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 5/26/10 PLATE NO. R2-1.13

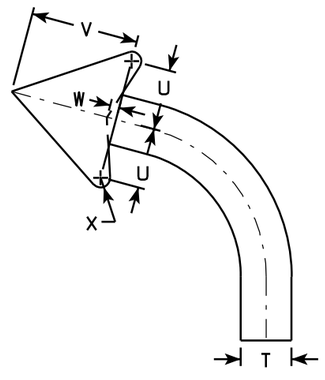
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 92 | E



R3-9B

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	36	3/8	1/2	2 1/2	3	1 1/2	16		1 1/2	8 1/2	5 3/4	8	2 1/2		6	2	5 1/8	1 1/2		2 3/8	4 3/8	3/8				6.0
2M	24	36	3/8	1/2	2 1/2	3	1 1/2	16		1 1/2	8 1/2	5 3/4	8	2 1/2		6	2	5 1/8	1 1/2		2 3/8	4 3/8	3/8				6.0
3	36	48	5/8	7/8	3 1/2	5	1 1/2	20		2 1/4	14 1/8	9 1/2	12	3		4	3	9 7/8	2		3 1/2	6 1/8	1/2				12.0
4																											
5																											

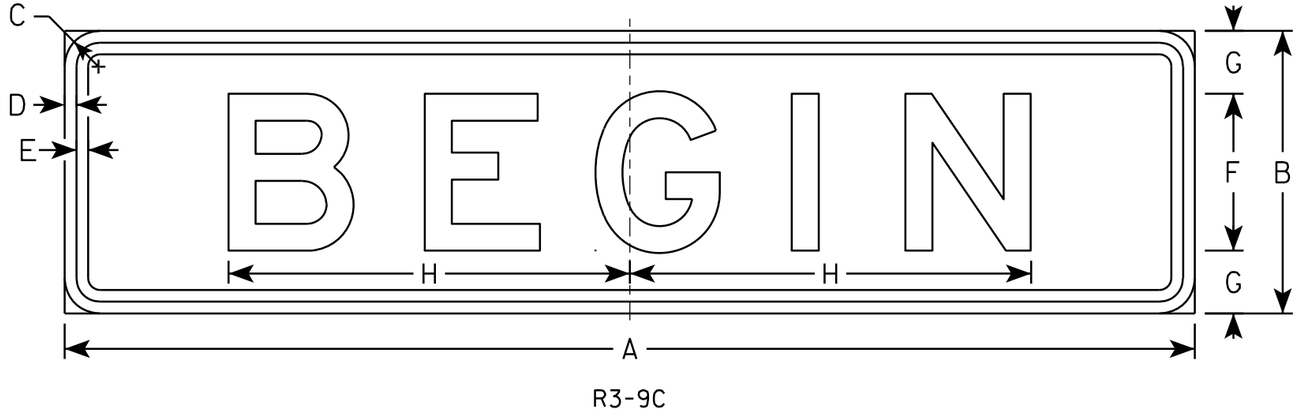
STANDARD SIGN
R3-9B

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-9B.5

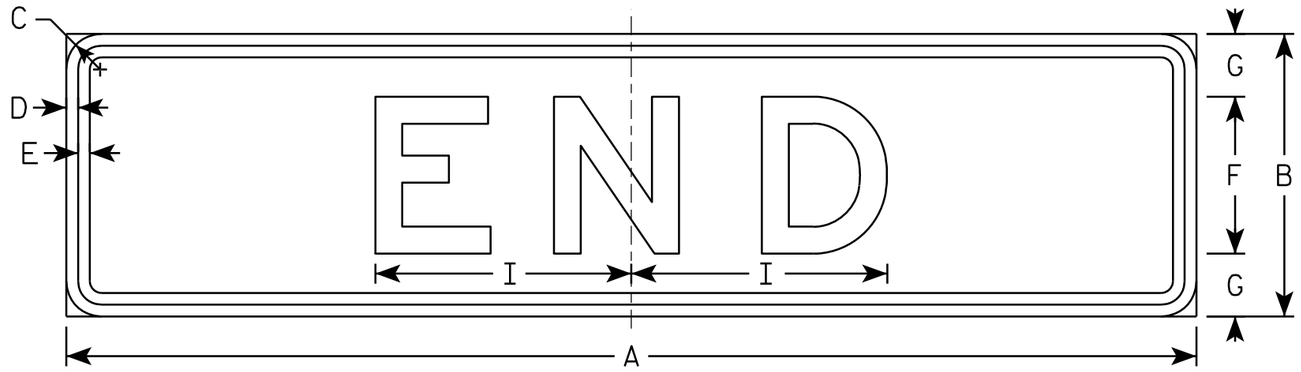
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 93 | E



R3-9C

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - E
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



R3-9D

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	6	1 1/8	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
2M	24	6	1 1/8	3/8	3/8	3	1 1/2	7 3/4	4 7/8																		1.0
3	36	9	1 1/8	3/8	3/8	5	2	12 3/4	8 1/8																		1.86
4																											
5																											

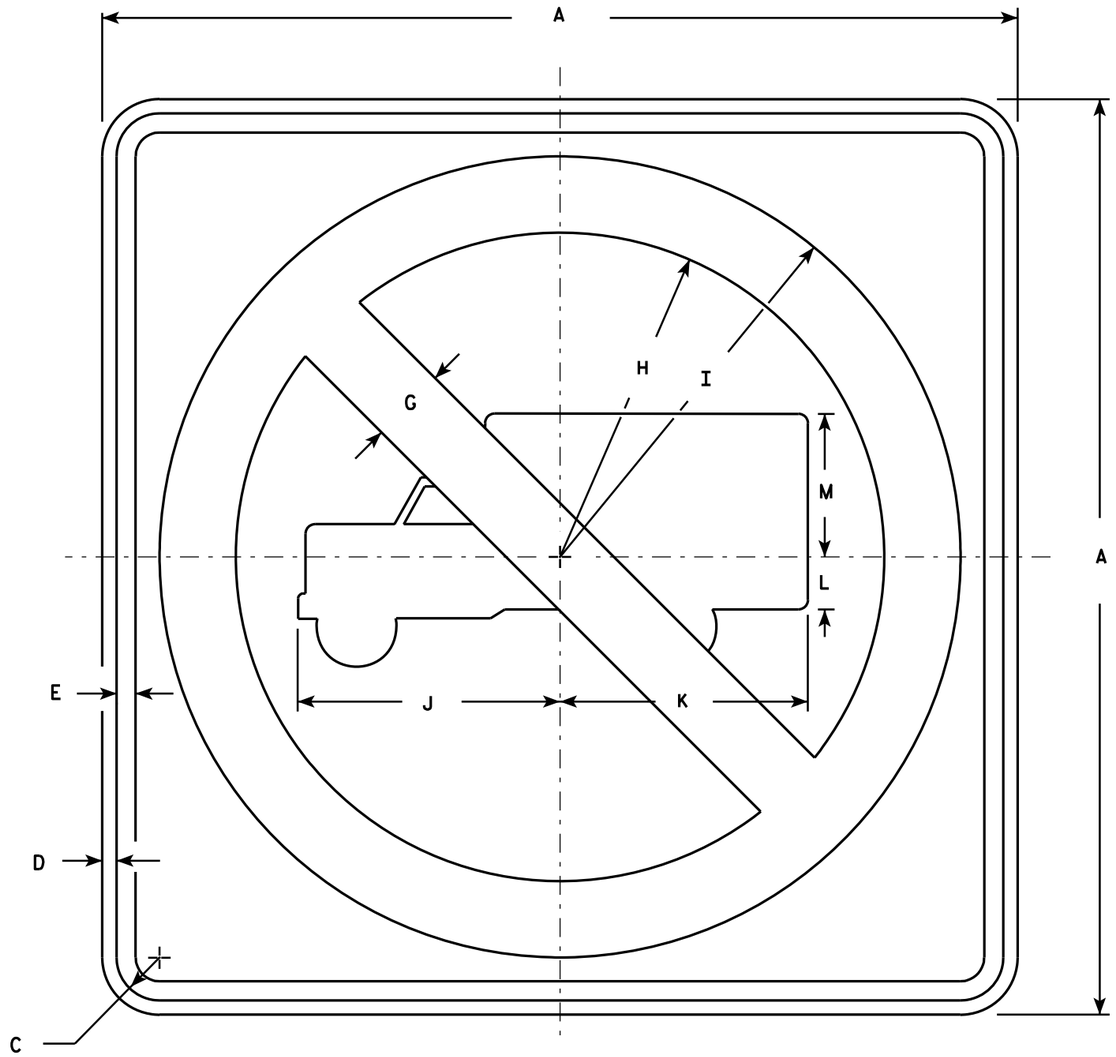
STANDARD SIGN
R3-9C & R3-9D

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/24/2011 PLATE NO. R3-9C.2

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 94	E



R5-2

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - See Note 4
3. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
4. Circle & Diagonal - Reflective red.
   Truck Symbol & Border - Non-reflective black.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24		1 1/8	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
2M	24		1 1/8	3/8	1/2		2	8 1/2	10 1/2	6 7/8	6 1/2	1 3/8	3 3/4														4.0
3	30		1 3/8	1/2	5/8		2 1/2	10 5/8	13 1/8	8 1/2	8 1/8	1 5/8	4 3/4														6.25
4	36		1 5/8	5/8	3/4		3	12 3/4	15 3/4	10 1/4	9 3/4	2	5 3/4														9.0
5	48		2 1/4	3/4	1		4	17	21	13 5/8	13	2 5/8	7 5/8														16.0

STANDARD SIGN
R5-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/29/2011 PLATE NO. R5-2.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 95	E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R52.DGN PLOT DATE : 29-MAR-2011 11:02 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

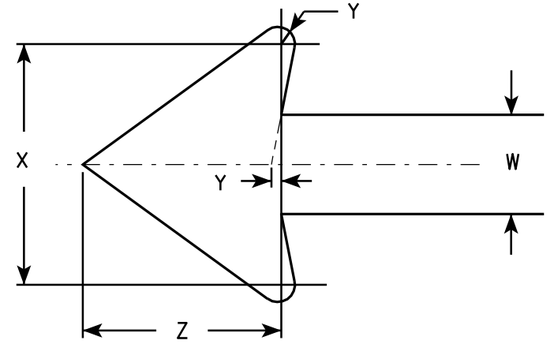
7

7

R7-51

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. R7-51D (double arrow)
   R7-51R (right arrow)
   R7-51L (left arrow)
6. Lines 1, 3 and 4 are Series C.
   Line 2 is Series B.



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	O	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	4 7/8	5/8	1 3/4	2 1/2	4 3/8	3 7/8	3/4	1 3/4	1/8	1 1/2	1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	5 3/4	1 1/8	1 1/2	3 1/8	5 1/2	5 7/8	1 1/8	2 5/8	1/4	2 1/4	3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 1/8	1 1/4	2	3 3/4	6 1/2	7 3/4	1 1/2	3 1/2	1/4	3	5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 1/8	1 1/4	2	3 3/4	6 1/2	7 3/4	1 1/2	3 1/2	1/4	3	5.0
4																											
5																											

STANDARD SIGN
R7-51

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

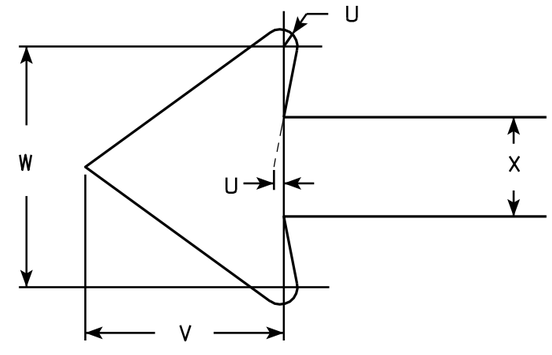
DATE 3/31/2011 PLATE NO. R7-51.6

PROJECT NO:	HWY:	COUNTY:			SHEET NO: 96	E

R7-52

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3 and 4 are series C, line 2 is series B.
6. R7-52D (double arrow)
   R7-52L (left arrow)
   R7-52R (right arrow)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 7/8	1 1/2	7/8	7/8	2	2 1/2	2	2	4 7/8	4 7/8	5 1/8	5	3 1/8	3 7/8	1/8	1 1/2	1 3/4	3/4			1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	6 3/8	6 1/4	3 7/8	5 7/8	1/4	2 1/4	2 5/8	1 1/8			3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	7 5/8	7 5/8	4 3/4	7 3/4	1/4	3	3 1/2	1 1/2			5.0
4																											
5																											

STANDARD SIGN
R7-52

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

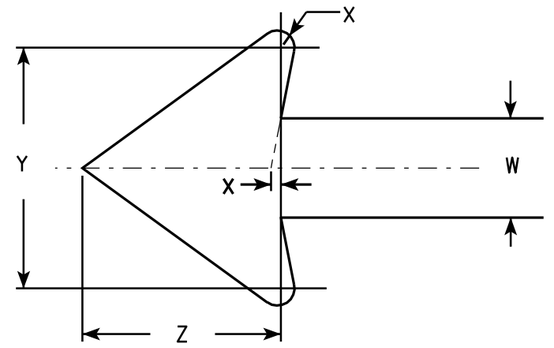
DATE 3/31/2011 PLATE NO. R7-52.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 97	E

R7-53

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Red
3. Message Series - See Note 5
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Lines 1, 3 and 4 are series C, line 2 is series B.
6. R7-53D (double arrow)
   R7-53L (left arrow)
   R7-53R (right arrow)



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	12	18	1 1/8	3/8	3/8	3	1 7/8	2	7/8	5/8	1 1/2	2 1/2	2	2	4 7/8	4 7/8	2 5/8	1 3/4	1/4	4 1/2	2 3/8	3 7/8	3/4	1/8	1 3/4	1 1/2	1.5
2S	18	24	1 1/8	3/8	1/2	4	2 1/2	2 1/2	1 1/4	1	2	3 1/4	2 3/4	2 5/8	7 1/8	7	3 3/8	1 1/2	5/8	5 3/8	3	5 7/8	1 1/8	1/4	2 5/8	2 1/4	3.0
2M	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
3	24	30	1 1/8	3/8	1/2	5	3	3	2	1 1/4	2 1/2	4	3 1/4	3 3/8	9 1/4	9 1/4	4	2	5/8	6 5/8	3 5/8	7 3/4	1 1/2	1/4	3 1/2	3	5.0
4																											
5																											

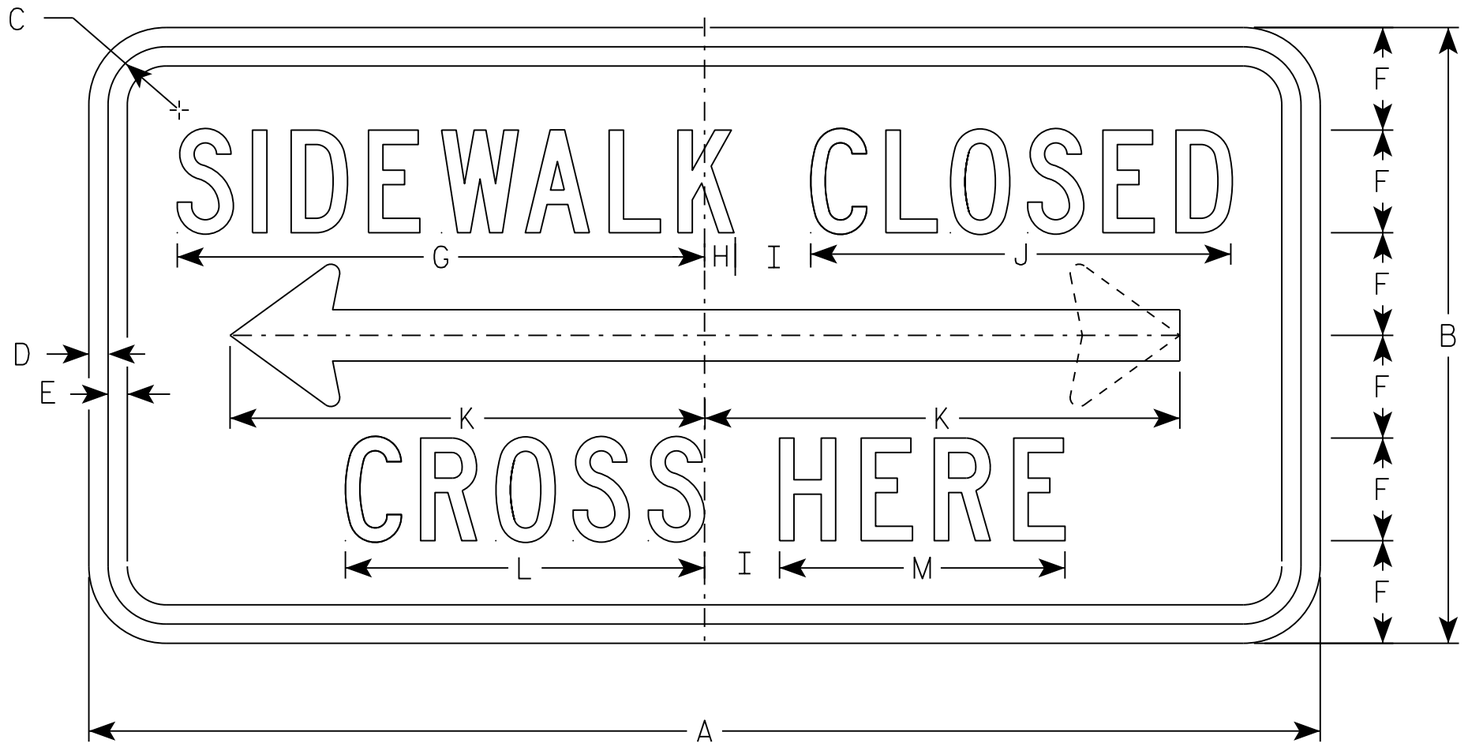
STANDARD SIGN
R7-53

WISCONSIN DEPT OF TRANSPORTATION

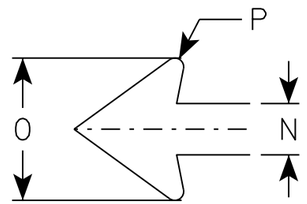
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 3/31/2011 PLATE NO. R7-53.6

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 98	E



R9-11A



NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
2M	24	12	1 1/8	3/8	3/8	2	10 1/4	5/8	1 1/2	8 1/4	9 1/4	7	5 5/8	1	2 3/4	1/8											2.0
3	30	15	1 1/8	3/8	1/2	2	13	3/4	2	10 1/4	12 3/8	8 7/8	6 7/8	1 1/4	3 5/8	1/4											3.125
4																											
5																											

STANDARD SIGN
R9-11A

WISCONSIN DEPT OF TRANSPORTATION

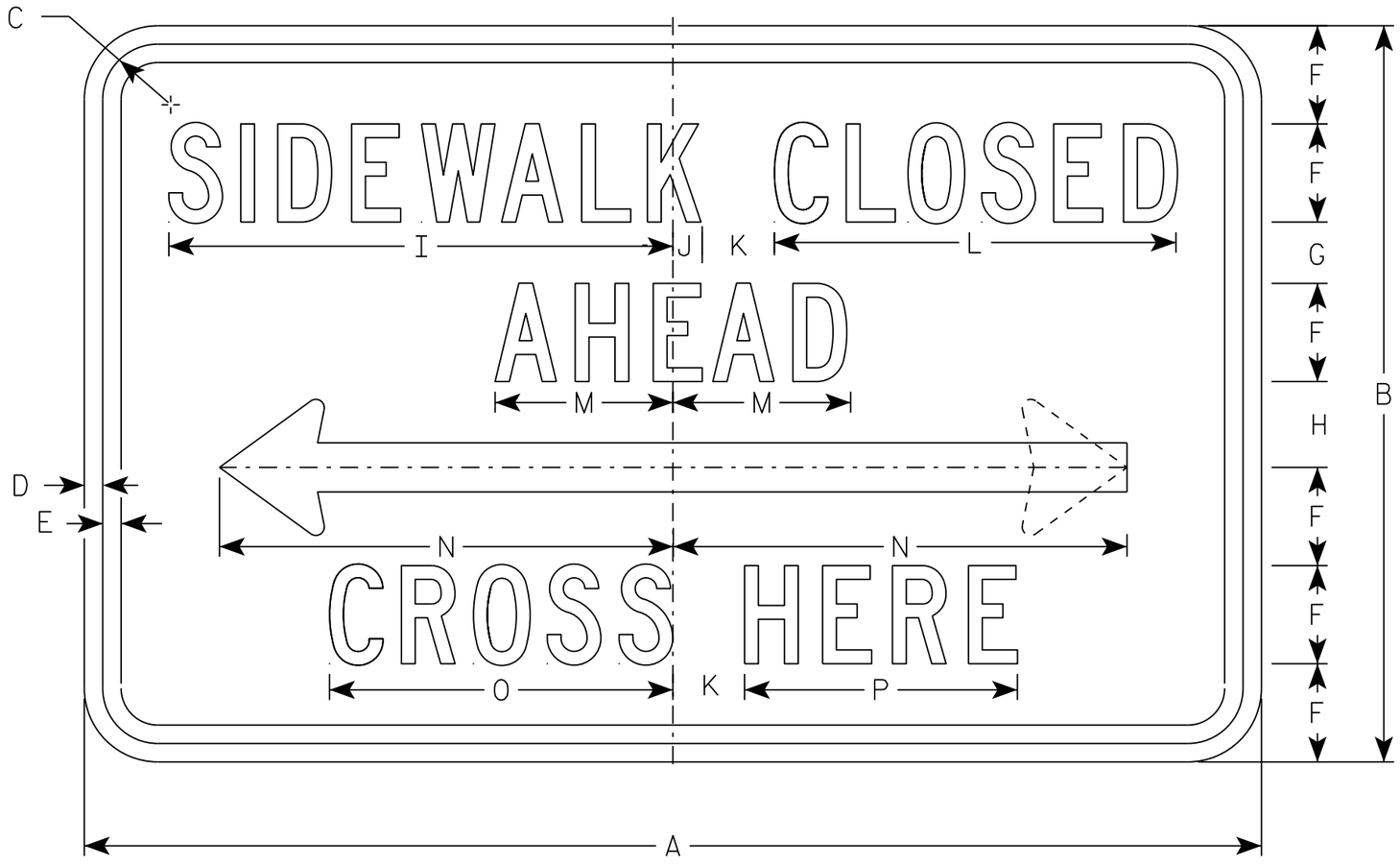
APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R9-11A.3

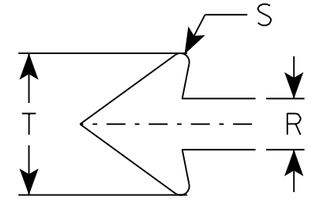
PROJECT NO: | HWY: | COUNTY: | SHEET NO: 99 E

NOTES

1. Sign is Type II - Type H Reflective
2. Color:
   Background - White
   Message - Black
3. Message Series - C except Size 1 is Series D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.



R9-11



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
2M	24	12	1 1/8	3/8	3/8	1 1/2	1 1/2	1 1/2	9 3/4	5/8	1 1/2	7 5/8	3 1/2	9 1/4	6 5/8	5 1/8		1	1/8	2 3/4							2.0
3	30	15	1 1/8	3/8	1/2	2	1 1/2	1 1/2	13	3/4	2	10 1/4	4 5/8	12 3/8	8 7/8	6 7/8		1 1/4	1/4	3 5/8							3.125
4																											
5																											

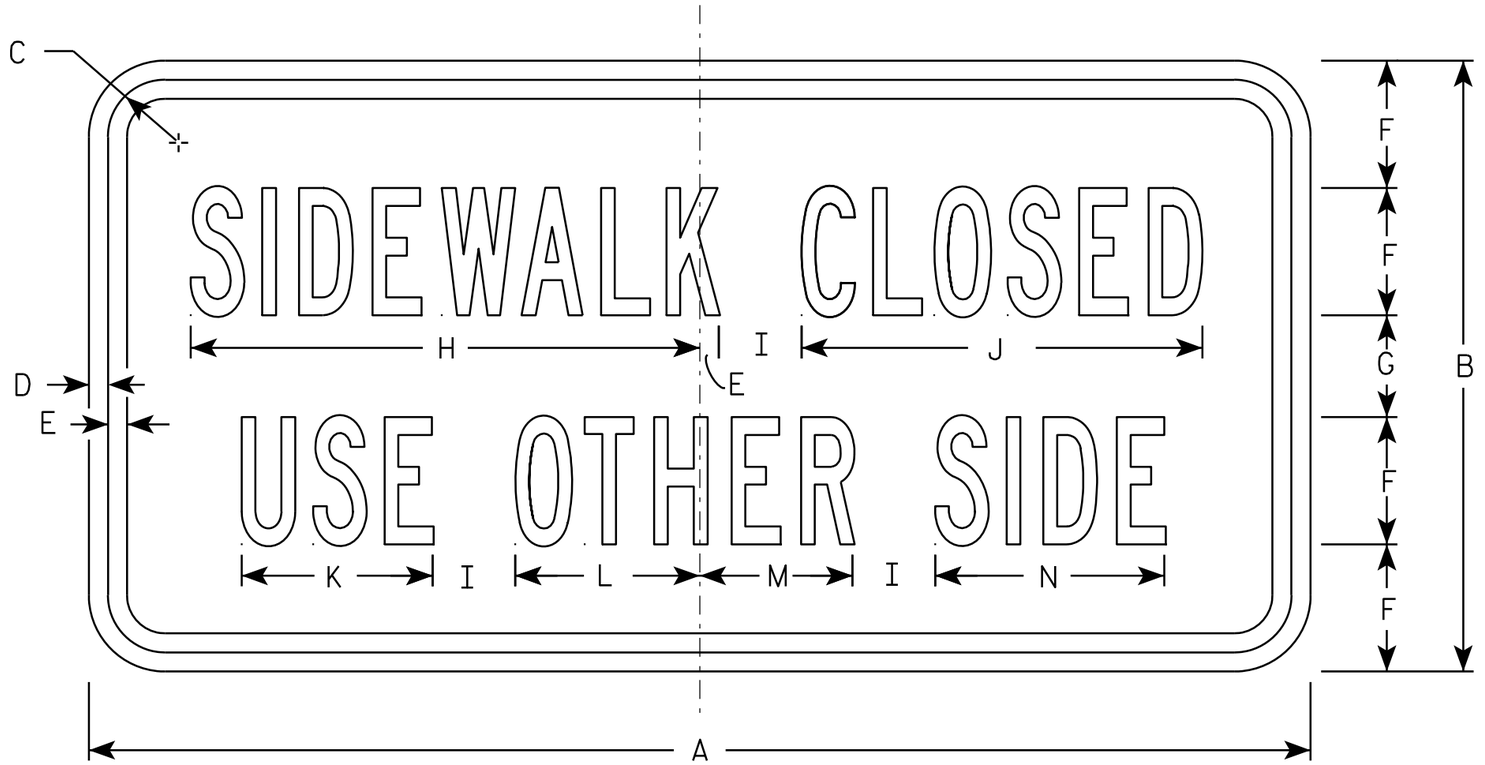
STANDARD SIGN
R9-11

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 11/29/16 PLATE NO. R9-11.3

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 100	E



R9-10

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	24	12	1 1/8	3/8	3/8	2 1/2	2	10	1 5/8	7 7/8	3 3/4	3 5/8	3	4 1/2													2.0
2S	48	24	2 3/4	3/4	3/4	5	4	20	3 1/4	15 3/4	7 1/2	7 1/4	6	9													8.0
2M	48	24	2 3/4	3/4	3/4	5	4	20	3 1/4	15 3/4	7 1/2	7 1/4	6	9													8.0
3																											
4																											
5																											

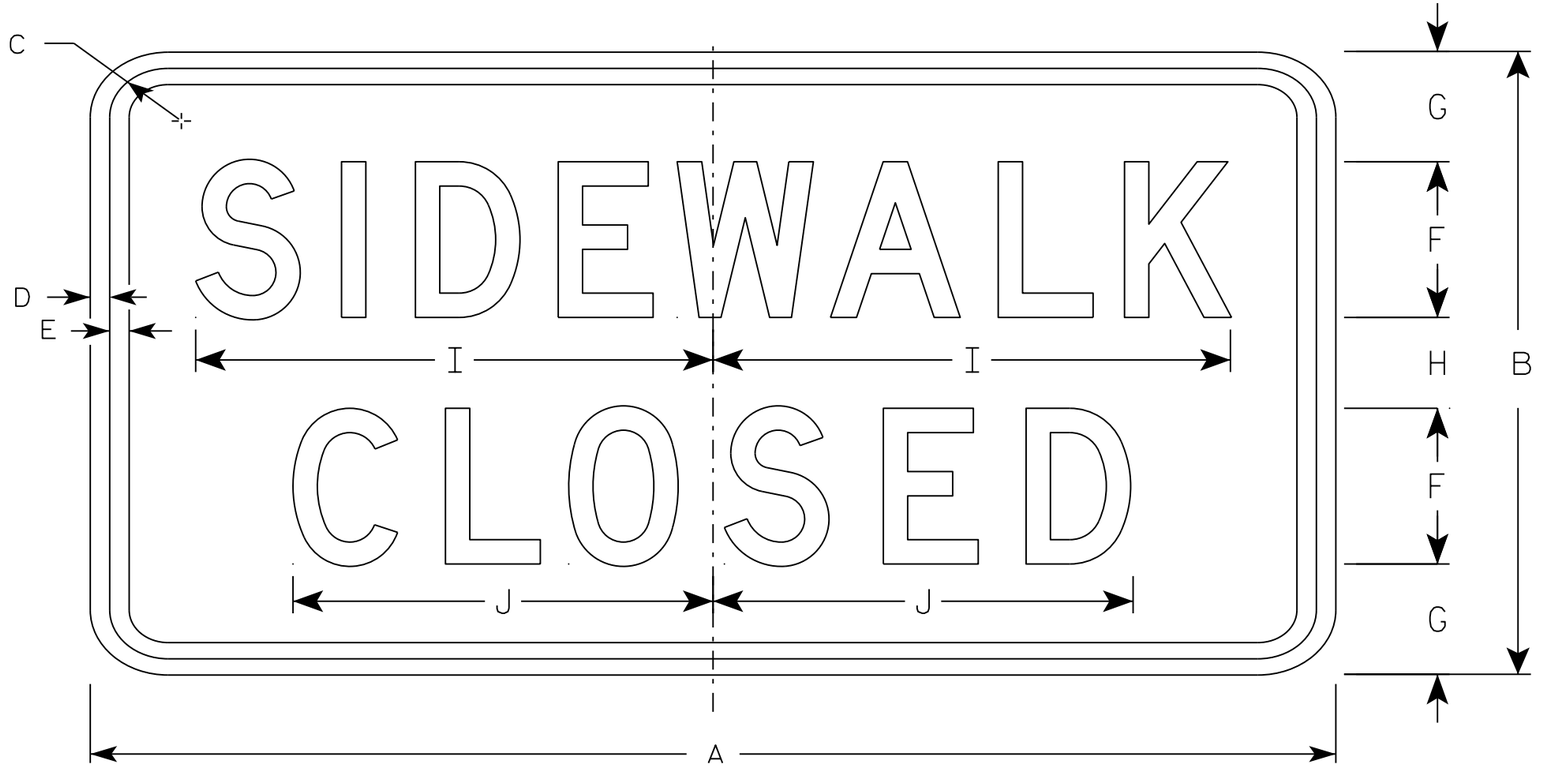
STANDARD SIGN
R9-10

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/16/2012 PLATE NO. R9-10.5

PROJECT NO:	HWY:	COUNTY:		SHEET NO: 101	E



R9-9

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - C
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Use Size 2 for Sidewalks. Use Size 3 for Paths and Trails.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
2M	24	12	1 3/4	1/2	1/2	3	2 1/8	1 3/4	10	8 1/8																	2.0
3	30	18	1 3/4	1/2	1/2	4	3 1/2	3	12 1/2	10 1/4																	3.75
4																											
5																											

STANDARD SIGN
R9-9

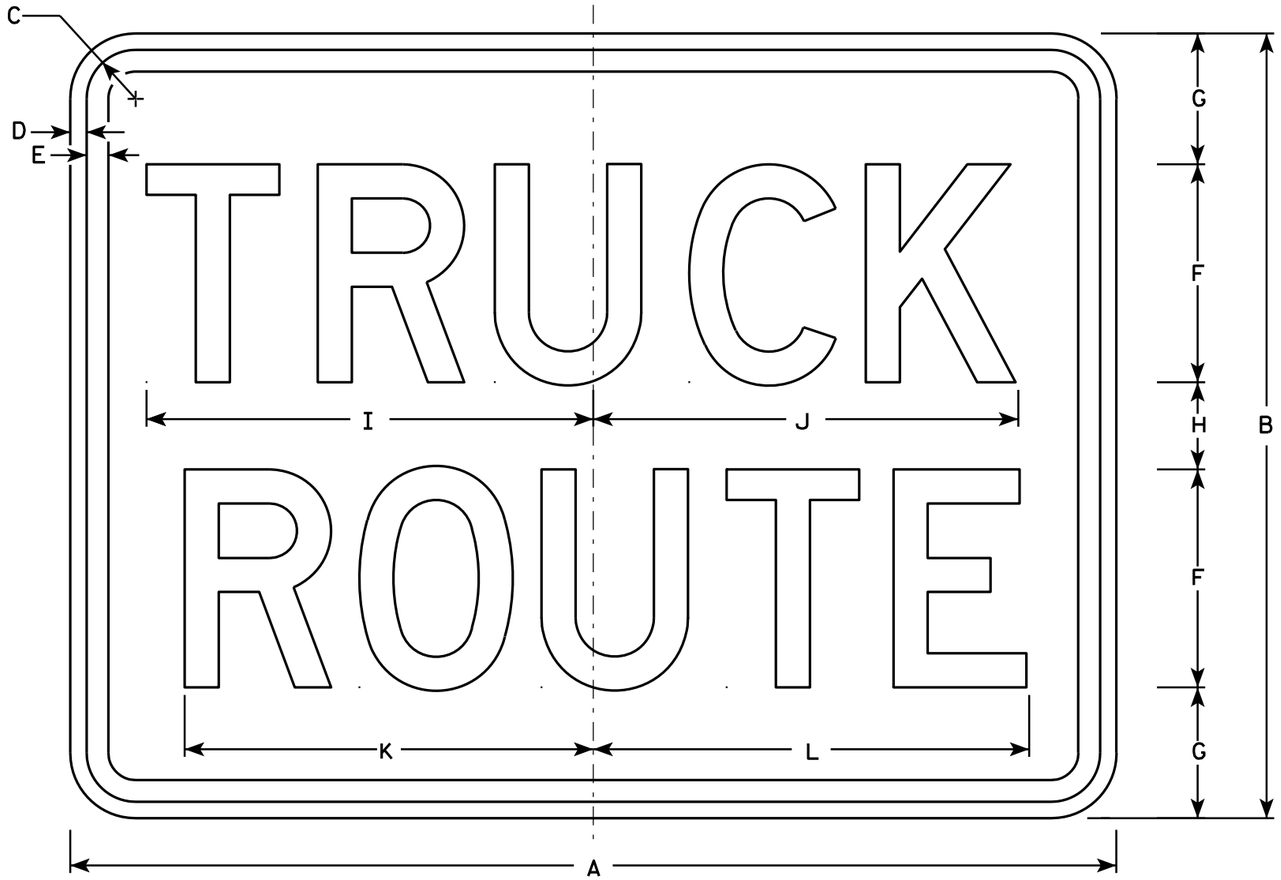
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 8/11/16 PLATE 102 R9-9.6

PROJECT NO: | HWY: | COUNTY: | SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R99.DGN PLOT DATE : 11-AUG-2016 11:33 PLOT BY : $$ plotuser $$ PLOT NAME : PLOT SCALE : 2.918761:1.000000



R14-1

NOTES

1. Sign is Type II - Type H Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - White
   Message - Black
3. Message Series - D
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2	24	18	1 1/8	3/8	1/2	5	3	2	10 1/4	9 3/4	9 3/8	10															3.0
2	24	18	1 1/8	3/8	1/2	5	3	2	10 1/4	9 3/4	9 3/8	10															3.0
3	30	24	1 1/8	3/8	1/2	6	4	4	12 1/4	11 3/4	11 1/4	12															5.0
4																											
5																											

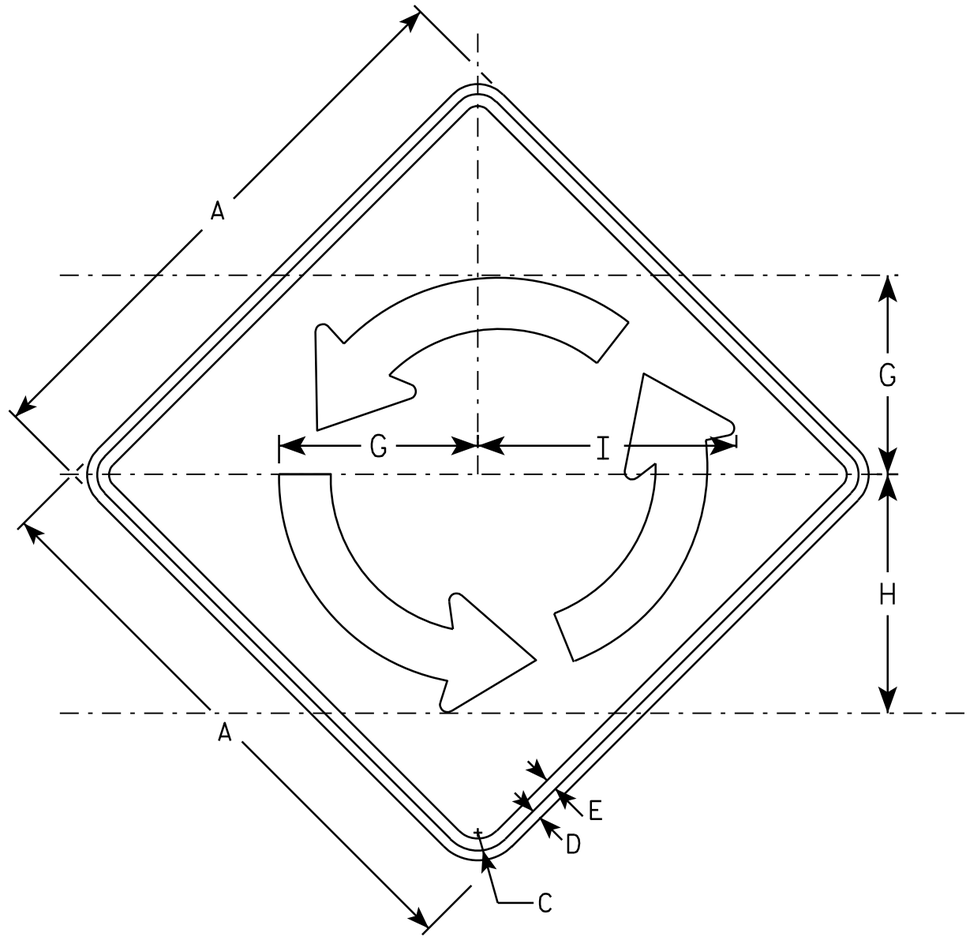
STANDARD SIGN
R14-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 4/1/11 PLATE NO. R14-1.6

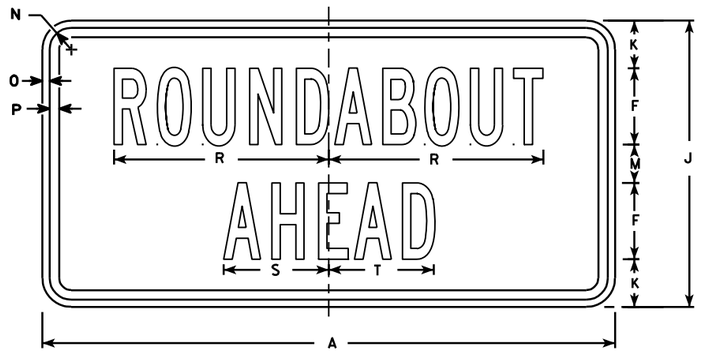
PROJECT NO:	HWY:	COUNTY:		SHEET NO: 103	E



W2-6

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Message - BLACK
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.



W2-6P

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	W2-6 Area sq. ft.	W2-6P Area sq. ft.
1																										
2S	30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 1/2	15	2 1/2		2	1 1/8	3/8	1/2		11 1/4	5 1/2	5 1/2					6.25	3.12
2M	30		1 3/8	1/2	5/8	4	10 3/8	12 1/2	13 1/2	15	2 1/2		2	1 1/8	3/8	1/2		11 1/4	5 1/2	5 1/2					6.25	3.12
3	36		1 5/8	5/8	3/4	5	12 1/2	15	16 1/4	18	2 5/8		2 3/4	1 1/8	3/8	1/2		14	7	6 3/4					9.00	4.50
4	48		2 1/4	3/4	1	6	16 5/8	20	16 1/4	24	4 3/8		3 5/8	1 3/8	1/2	5/8		17	8 1/4	8 1/4					16.0	8.0
5																										

STANDARD SIGN
W2-6

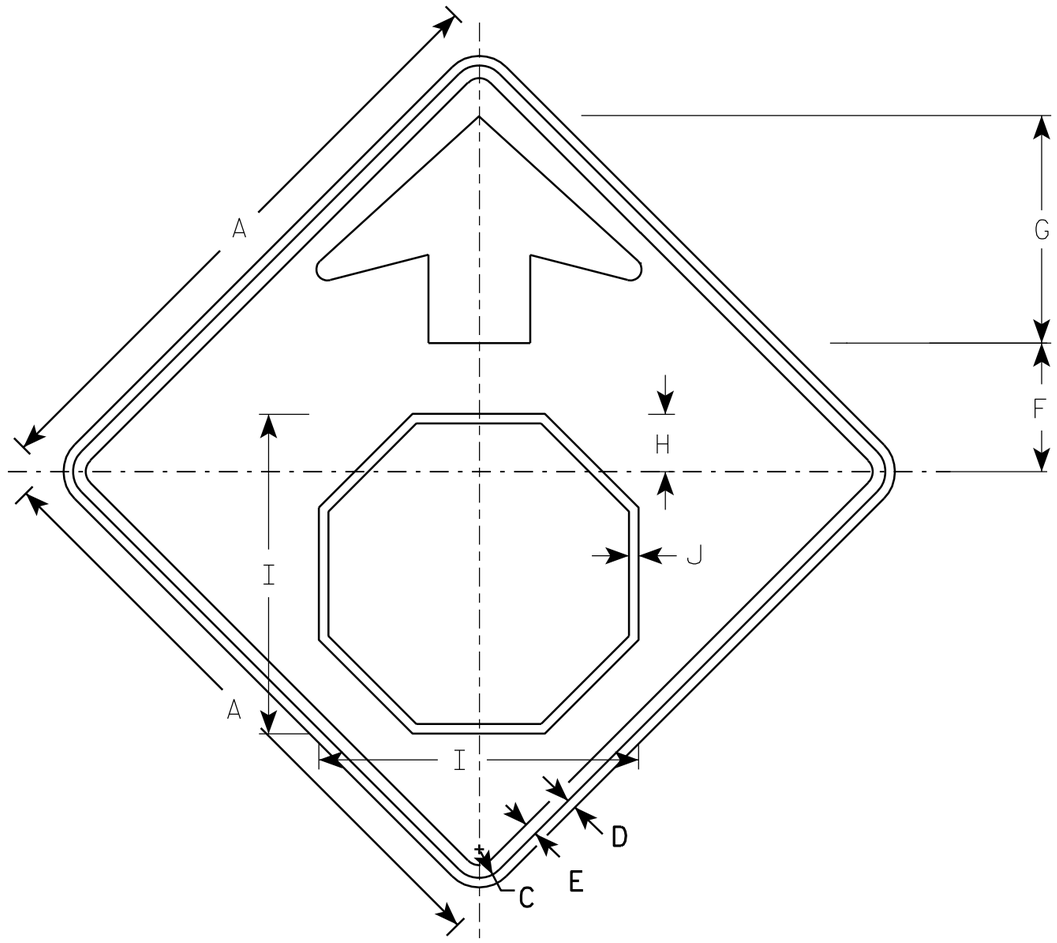
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/29/12 PLATE NO. W2-6.5

PROJECT NO:

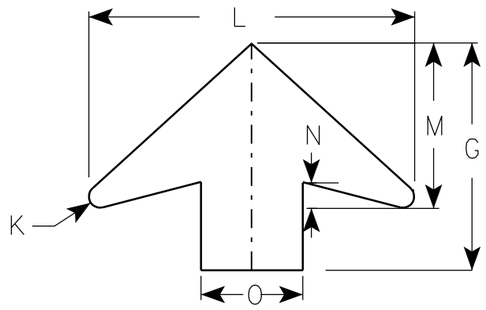
SHEET NO: 104 E



W3-1

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Stop Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	2 7/8	15 3/4	1/2	1/2	16	8	1 1/4	5												6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 1/2	19	5/8	5/8	19 1/4	9 3/4	1 5/8	6												9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	25 1/8	3/4	7/8	25 5/8	13	2	8												16.0

STANDARD SIGN
W3-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-1.12

PROJECT NO:

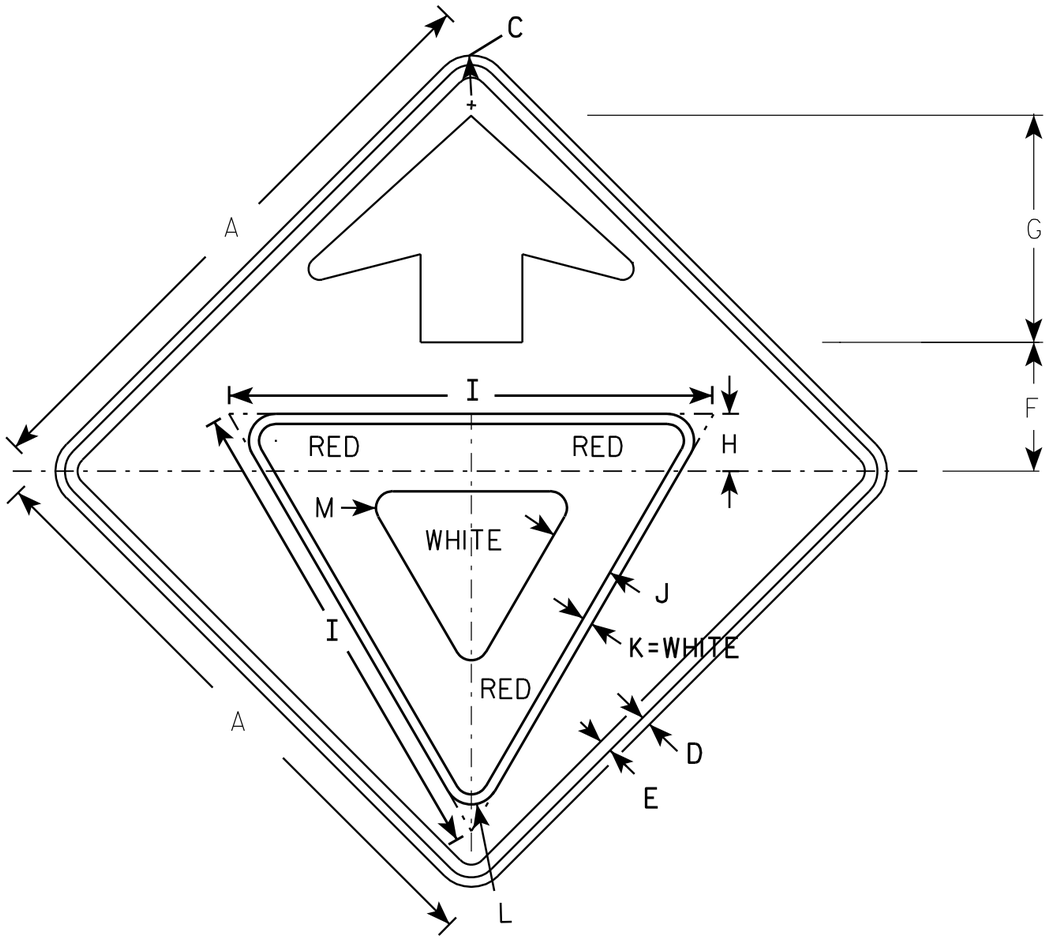
SHEET NO: 105 E

FILE NAME : C:\Users\PROJECTS\tr_stdplate\W31.DGN PLOT DATE : 07-JUN-2010 12:59 PLOT BY : ditjph

WISDOT/CADDS SHEET 42

7

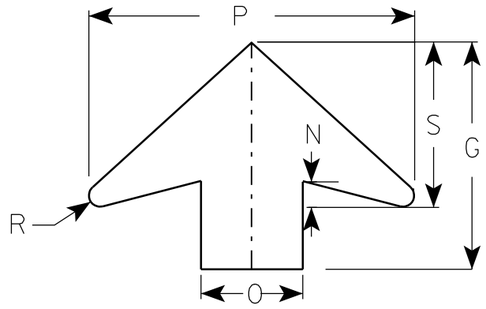
7



W3-2

NOTES

1. All Signs Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - YELLOW
   Arrow & Border - BLACK
   Yield Symbol - WHITE BORDER ON RED BACKGROUND



ARROW DETAIL

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1	30		1 3/8	1/2	5/8	6 1/4	11 1/4	3	25	3 3/8	1/2	1 3/8	7/8	1 1/4	5	16		1/2	8								6.25
2S	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
2M	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
3	36		1 5/8	5/8	3/4	7 1/2	13 1/2	3 3/8	28	3 3/4	5/8	1 1/2	1	1 5/8	6	19 1/4		5/8	9 3/4								9.0
4	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0
5	48		2 1/4	3/4	1	10	17 7/8	4 1/2	38	5	3/4	2 1/8	1 3/8	2	8	25 5/8		7/8	13								16.0

STANDARD SIGN
W3-2

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 6/7/10 PLATE NO. W3-2..9

PROJECT NO:

SHEET NO: 106 E

W4-4P

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - B
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.

SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
1																											
2S	24	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	8	1 1/2	3/8	10	6 1/4	2 1/4	2 1/4	6 1/4											2.0
2M	24	12	1 1/8	3/8	3/8	3	2 1/4	1 1/2	8	1 1/2	3/8	10	6 1/4	2 1/4	2 1/4	6 1/4											2.0
3	36	15	1 1/8	3/8	1/2	4	2 5/8	1 3/4	10 3/4	2 3/8	3/8	13 1/2	8 3/8	3	3 1/8	8 3/8											3.75
4	42	18	1 1/8	3/8	1/2	5	3	2	13 3/8	3 1/8	3/8	16 7/8	10 1/2	3 5/8	3 7/8	10 3/8											5.25
5																											

STANDARD SIGN
W4-4P

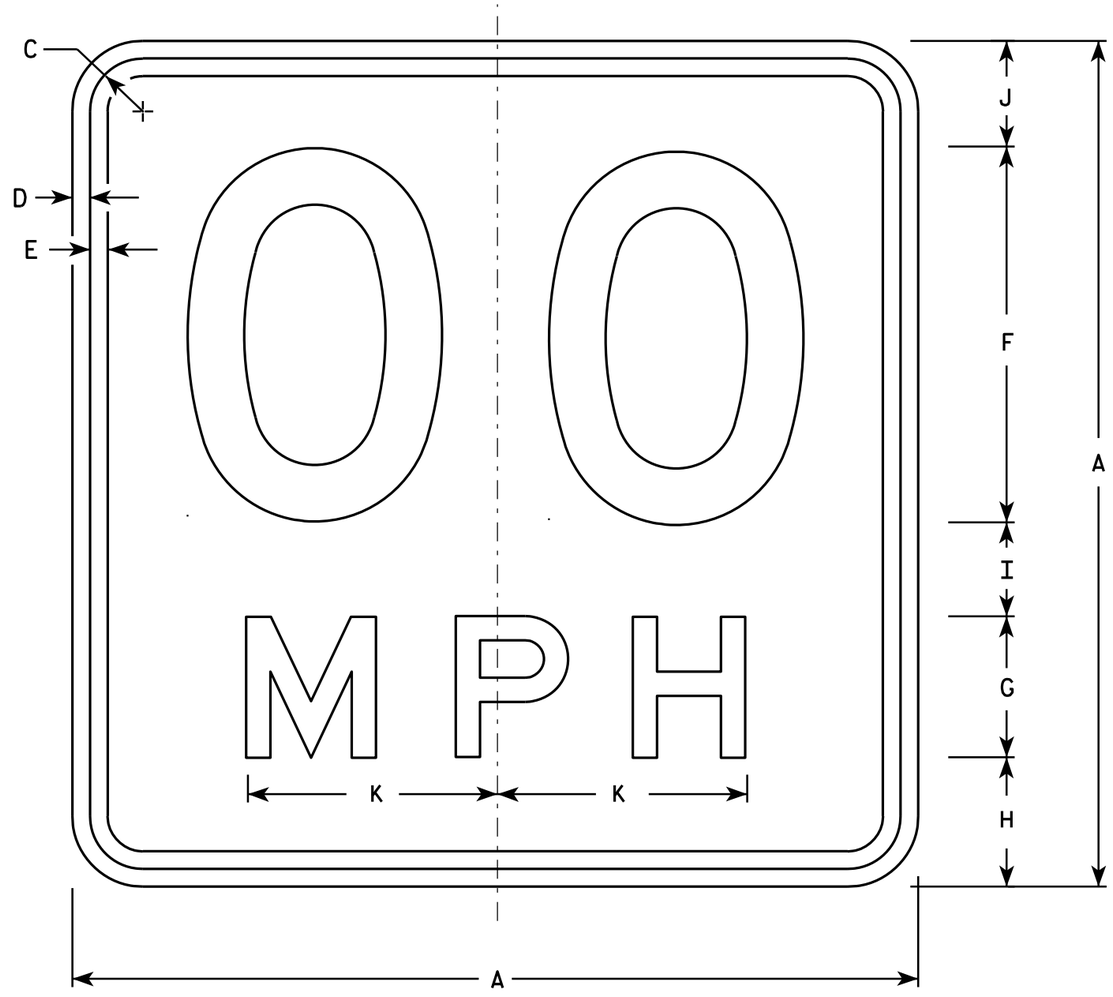
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
for State Traffic Engineer

DATE 03/12/13 PLATE NO. W4-4P.2

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 107 | E

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W44P.DGN PLOT DATE : 12-MAR-2013 11:42 PLOT BY : mscsja PLOT NAME : PLOT SCALE : 5.458200:1.000000
WISDOT/CADDS SHEET 42



W13-1

* For 30" x 30" Warning Signs, use 18" x 18" W13-1 signs.
For 36" x 36" Warning Signs, use 24" x 24" W13-1 signs.

NOTES

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
2. Color:
   Background - Yellow
   Message - Black
3. Message Series - See Note 6
4. Corners may be square or rounded when base material is plywood but borders shall be rounded as shown. When base material is metal, the corners and borders shall be rounded.
5. Substitute appropriate numerals and optically space about centerline to achieve proper balance.
6. Line 1 is Series D
   Line 2 is Series E

	SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Area sq. ft.
	1	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2S	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
*	2M	18		1 1/8	3/8	3/8	8	3	2 3/4	2	2 1/4	5 3/8																2.25
	3	24		1 1/8	3/8	1/2	10	4	4	2 3/4	3 1/4	6 5/8																4.00
	4	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00
	5	36		1 5/8	5/8	3/4	16	6	5 1/2	4	4 1/2	10 5/8																9.00

STANDARD SIGN
W13-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
For State Traffic Engineer

DATE 5/31/12 PLATE NO. W13-1.16

PROJECT NO: | HWY: | COUNTY: | SHEET NO: 108 | E

EARTHWORK

STATION	DISTANCE	END AREA CUT (SF)	INCREMENTAL CUT (CY)	CUMULATIVE CUT (CY)
11+70	0	53.8	0	0
12+00	30	53.8	59.8	60
13+00	100	53.8	199.4	259
14+00	100	53.8	199.4	459
15+00	100	53.8	199.4	658
16+00	100	53.8	199.4	857
17+00	100	53.8	199.4	1057
18+00	100	53.8	199.4	1256
19+00	100	53.8	199.4	1455
20+00	100	53.8	199.4	1655
21+00	100	53.8	199.4	1854
22+00	100	53.8	199.4	2054
23+00	100	53.8	199.4	2253
24+00	100	53.8	199.4	2452
24+40	40	106.3	118.6	2571
25+00	60	53.8	177.9	2749
26+00	100	53.8	199.4	2948
27+00	100	53.8	199.4	3148
27+45	45	76.5	108.6	3256
28+00	55	53.8	132.7	3389
29+00	100	53.8	199.4	3588
30+00	100	53.8	199.4	3788
30+35	35	76.5	84.5	3872
31+00	65	53.8	156.9	4029
32+00	100	53.8	199.4	4228
33+00	100	53.8	199.4	4428
33+30	30	76.5	72.4	4500
34+00	70	53.8	169.0	4669
35+00	100	53.8	199.4	4869
36+00	100	53.8	199.4	5068
36+30	30	104.8	88.1	5156
37+00	70	53.8	205.7	5362
38+00	100	53.8	199.4	5561
39+00	100	53.8	199.4	5761
39+50	50	104.8	146.9	5908
40+00	50	53.8	146.9	6054
41+00	100	53.8	199.4	6254
42+00	100	53.8	199.4	6453
42+60	60	104.8	176.3	6629
43+00	40	53.8	117.5	6747
44+00	100	53.8	199.4	6946
45+00	100	53.8	199.4	7146
46+00	100	53.8	199.4	7345
47+00	100	53.83	199.4	7545
48+00	100	53.83	199.4	7744
48+20	20	104.83	58.8	7803
49+00	80	53.83	235.1	8038
50+00	100	53.83	199.4	8237
51+00	100	53.83	199.4	8437
51+15	15	76.50	36.2	8473
52+00	85	53.83	205.2	8678
53+00	100	53.83	199.4	8877
54+00	100	53.83	199.4	9077

STATION	DISTANCE	END AREA CUT (SF)	INCREMENTAL CUT (CY)	CUMULATIVE CUT (CY)
54+00	0	72.3	0.0	9077
55+00	100	72.3	267.6	9344
56+00	100	72.3	267.6	9612
57+00	100	72.3	267.6	9879
57+60	60	72.3	160.6	10040

STATION	DISTANCE	END AREA CUT (SF)	INCREMENTAL CUT (CY)	CUMULATIVE CUT (CY)
57+60	0	62.3	0.0	10040
57+85	25	83.6	67.6	10108
58+00	15	62.3	40.5	10148
59+00	100	62.3	230.9	10379
60+00	100	77.9	259.7	10639
61+00	100	62.3	259.7	10898
62+00	100	62.3	230.9	11129
63+00	100	62.3	230.9	11360
64+00	100	62.3	230.9	11591
65+00	100	62.3	230.9	11822
66+00	100	62.3	230.9	12053
67+00	100	62.3	230.9	12284
68+00	100	62.3	230.9	12514
69+00	100	62.3	230.9	12745
70+00	100	62.3	230.9	12976
70+35	35	83.6	94.6	13071
71+00	65	62.3	175.6	13246
EBS			1324.6	14571
			PROJECT TOTALS	14571

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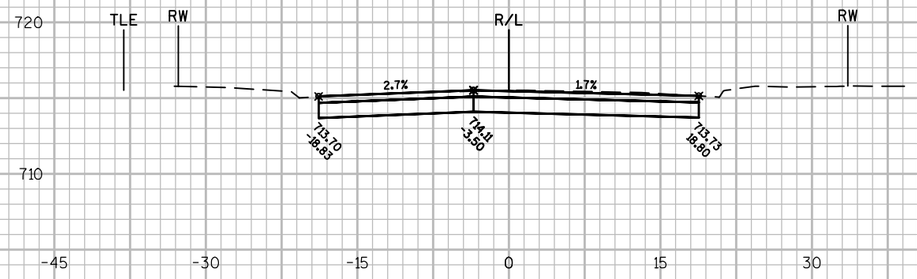
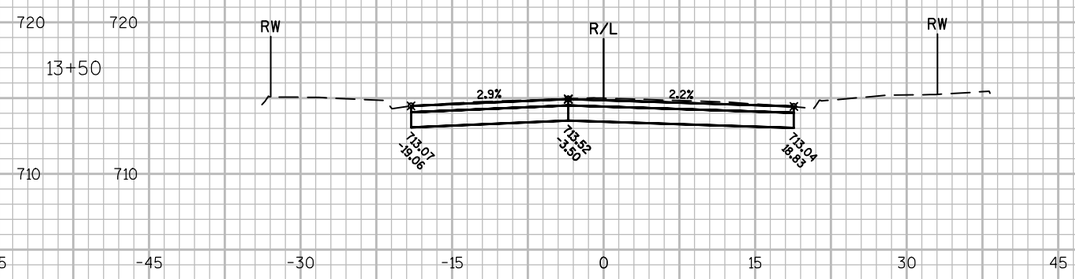
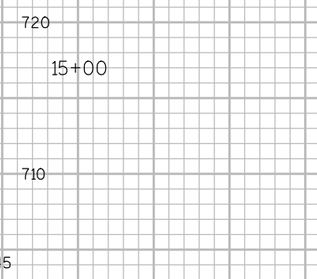
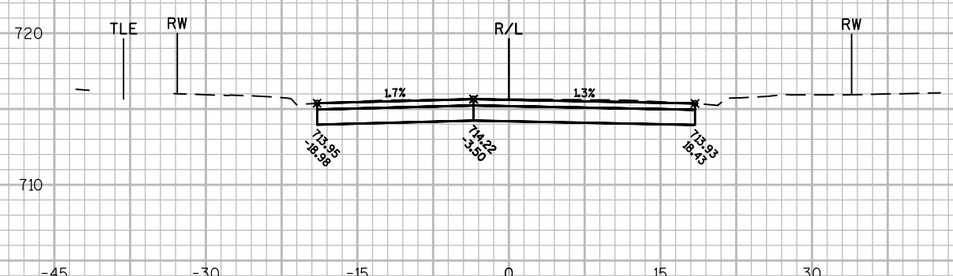
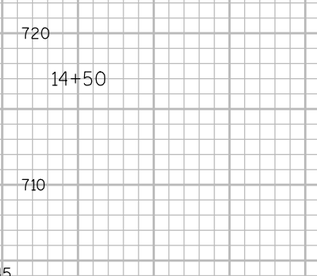
PROJECT NO: 5991-02-57 | HWY: RIDERS CLUB ROAD | COUNTY: LA CROSSE | EARTHWORK | SHEET 109 | E

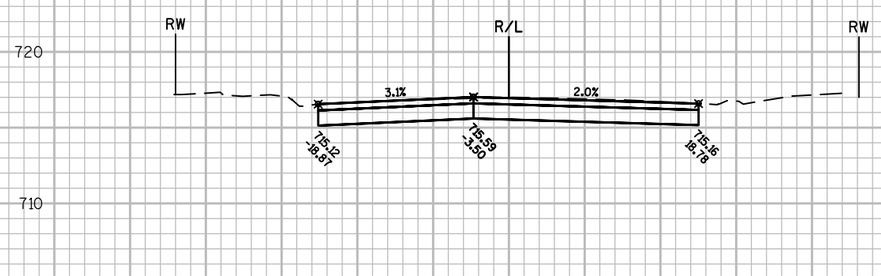


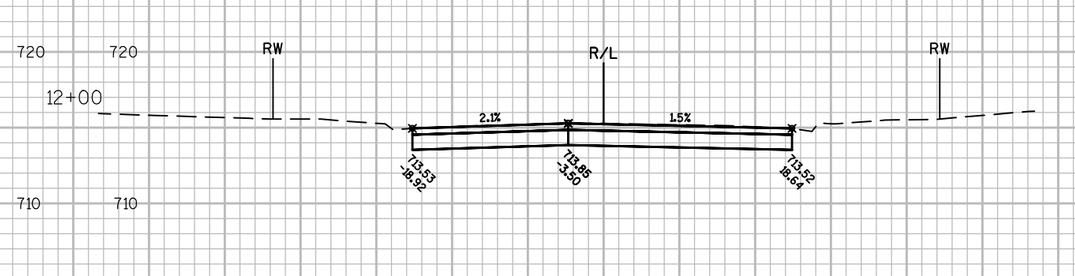


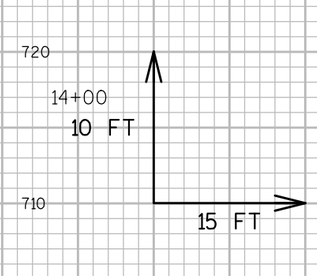












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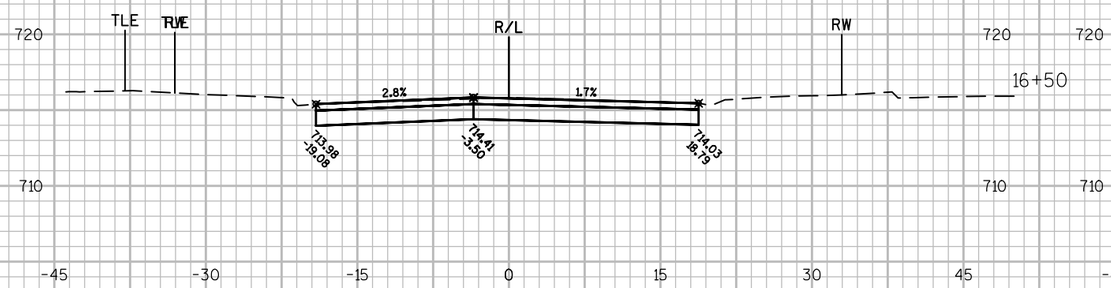
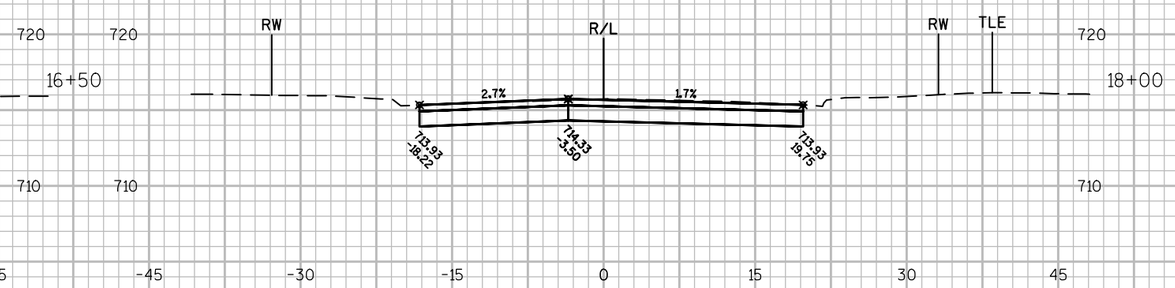
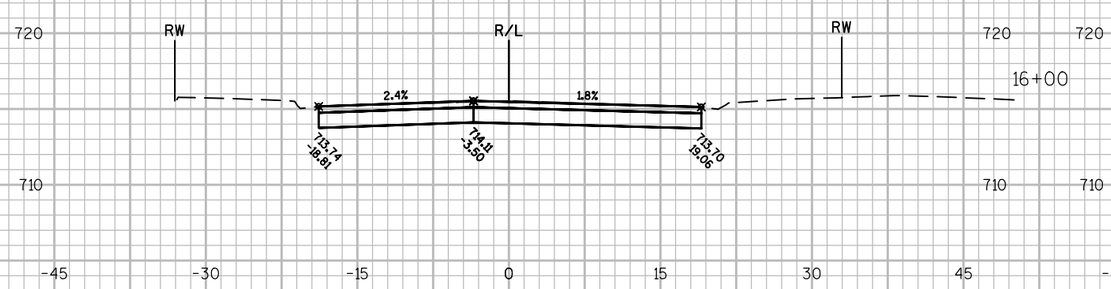
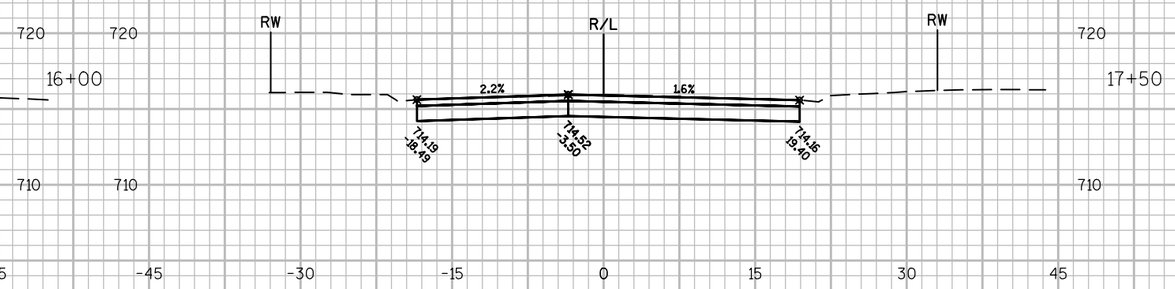
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 110	E

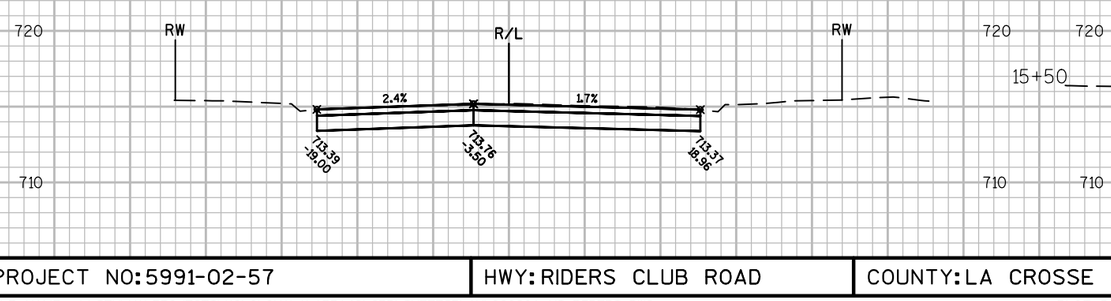
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (1)
PLOT DATE : 12/16/2016 9:04 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49

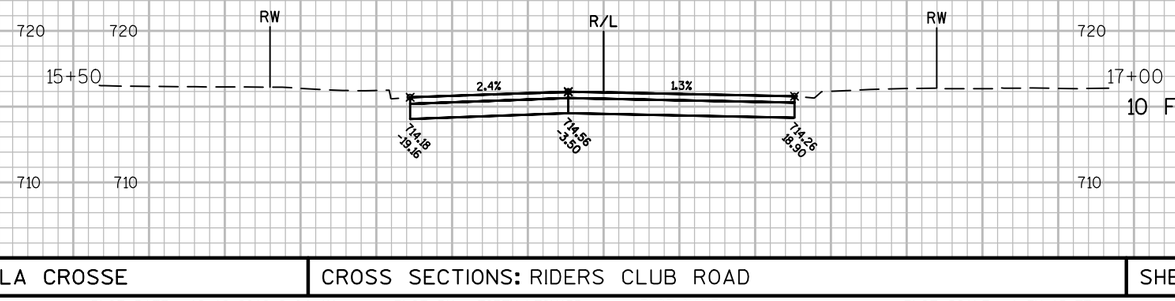












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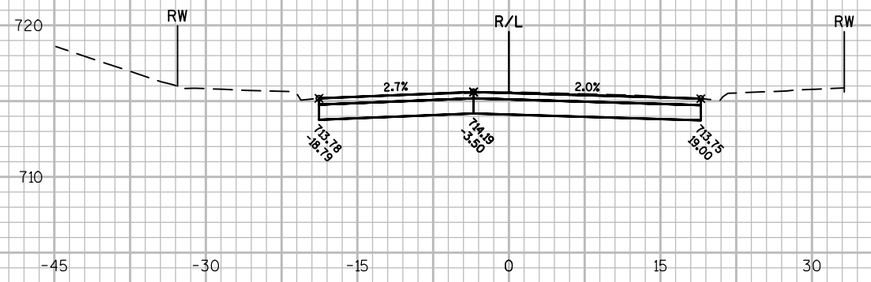
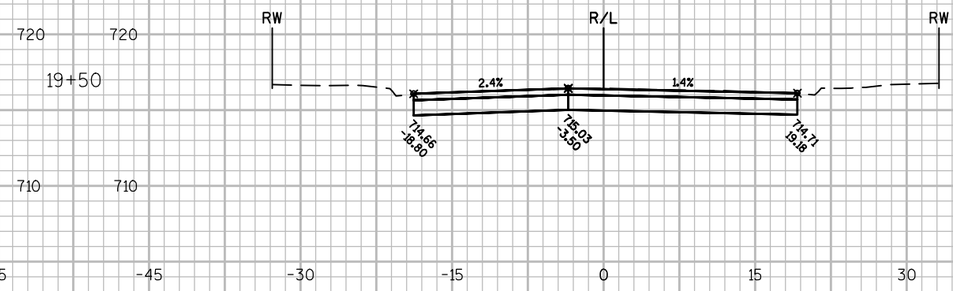
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 111	E

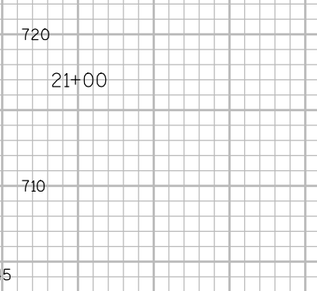
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (2)

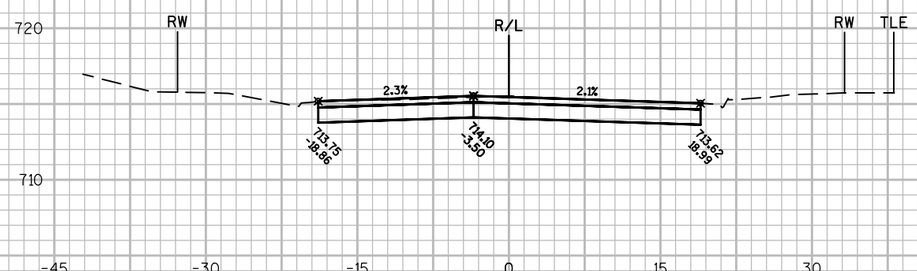
PLOT DATE : 12/16/2016 9:04 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

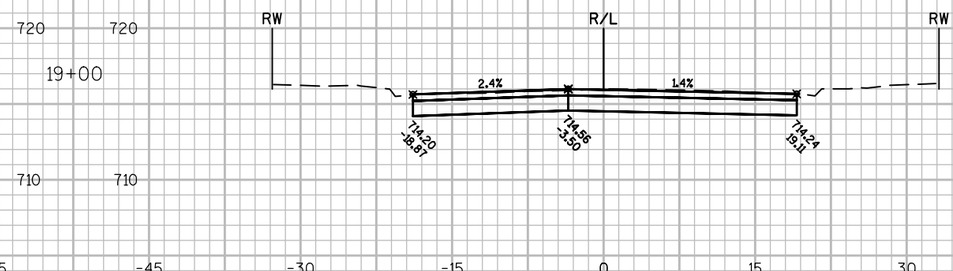
WISDOT/CADDS SHEET 49

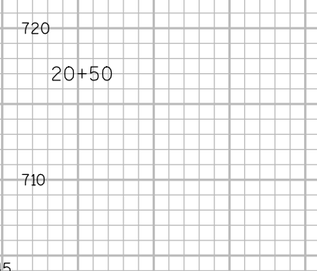


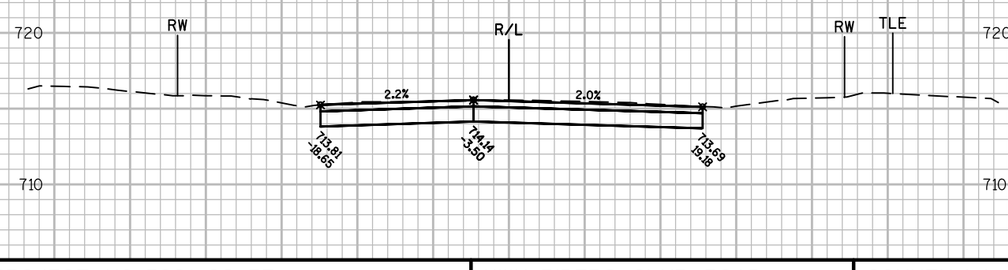


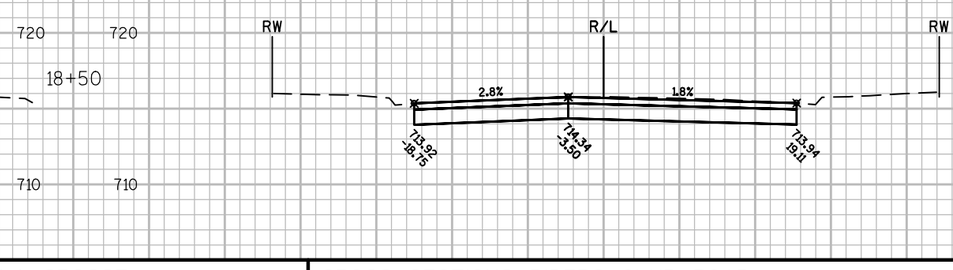


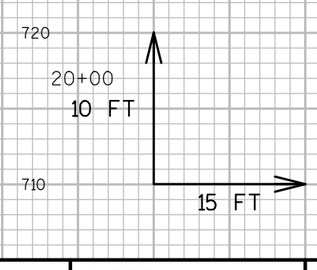












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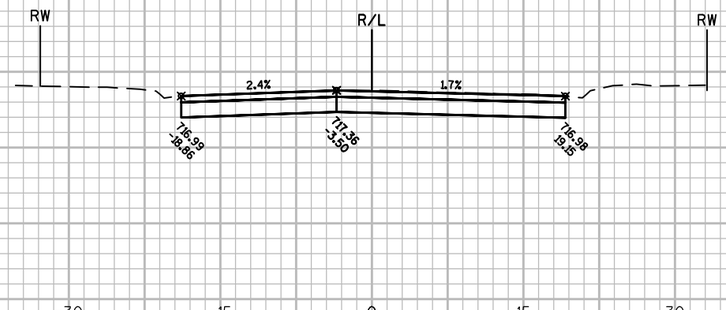
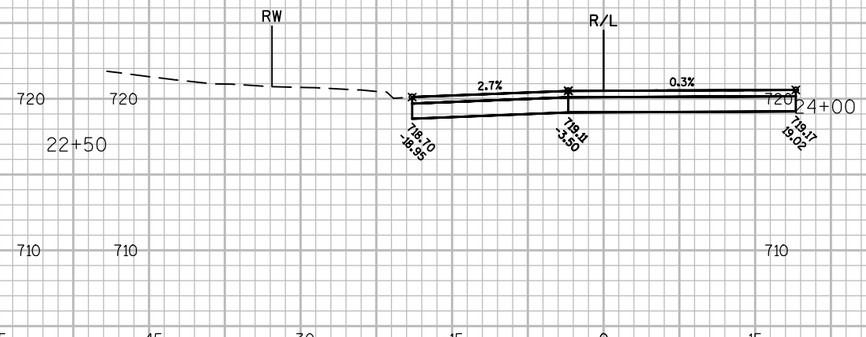
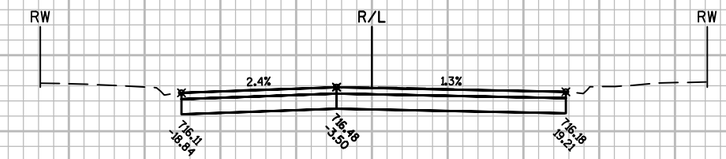
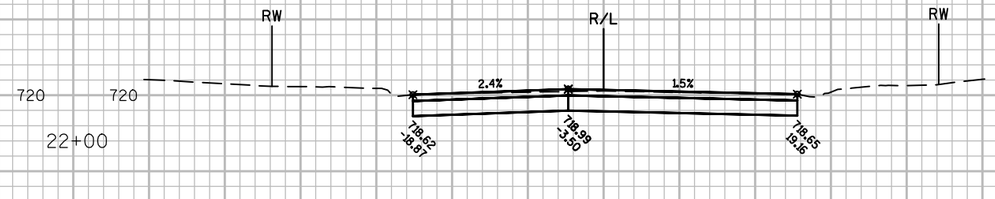
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 112	E

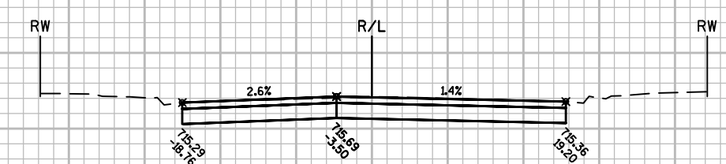
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (3)
PLOT DATE : 12/16/2016 9:04 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49

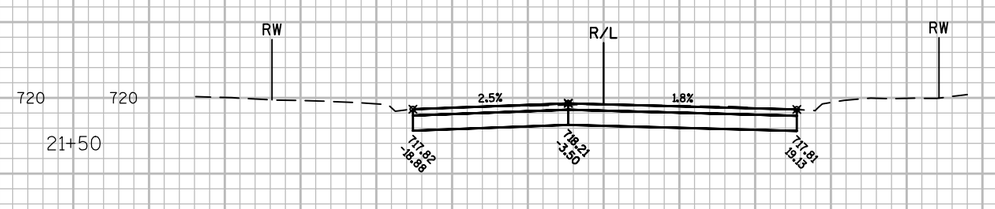


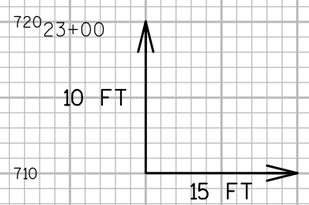












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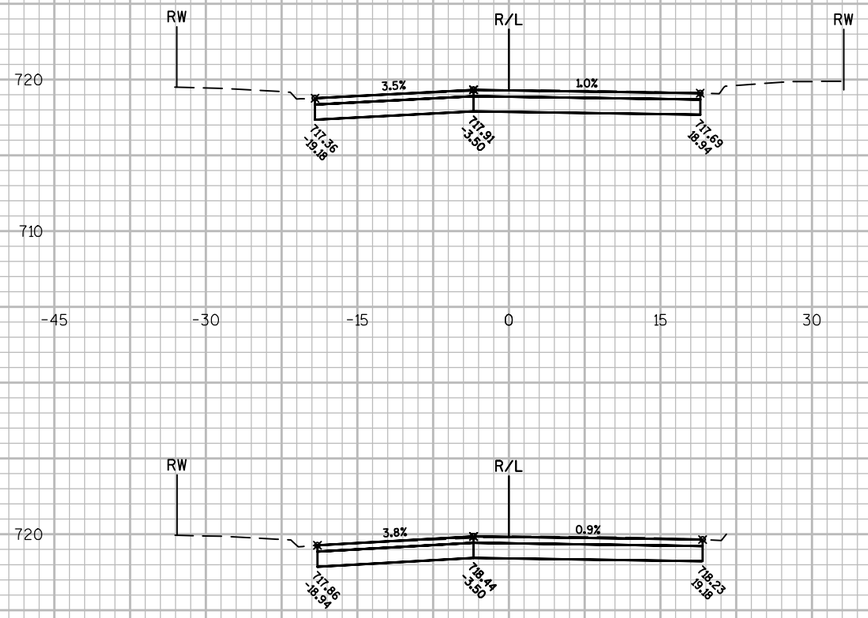
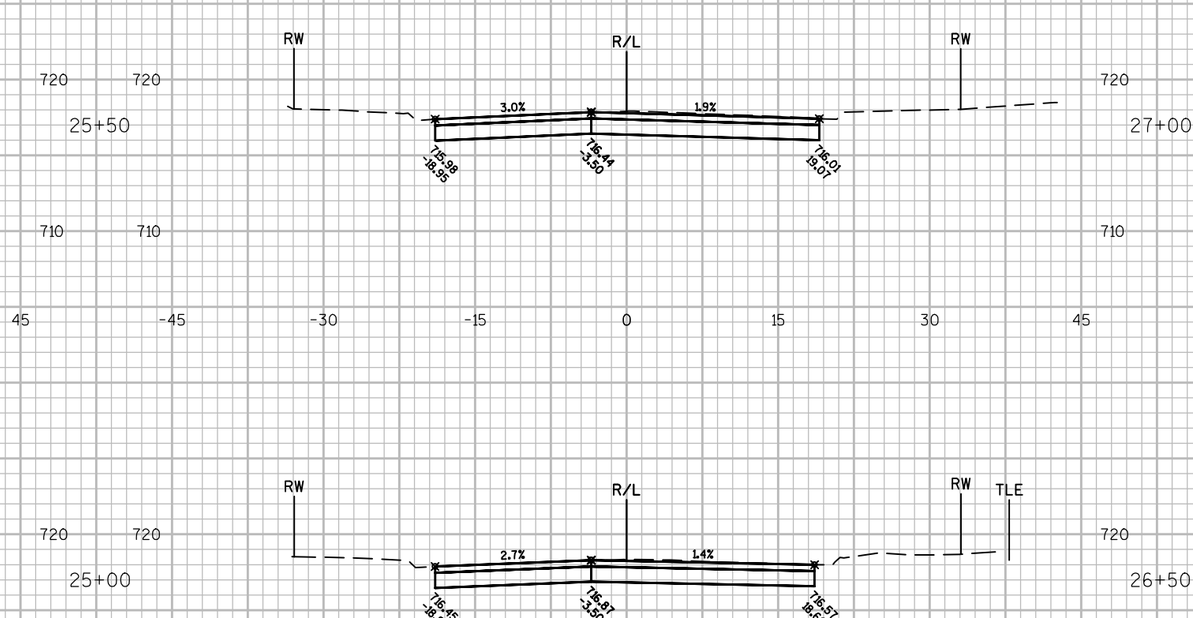
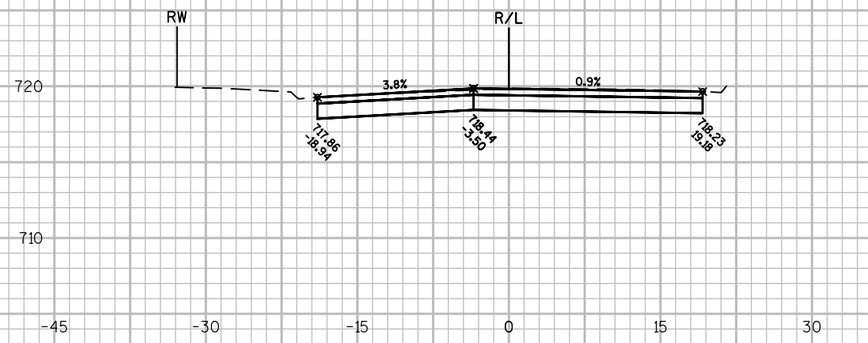
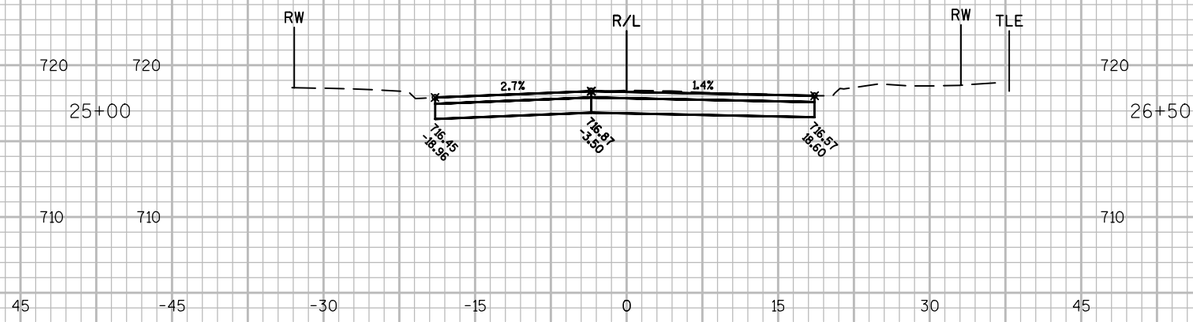
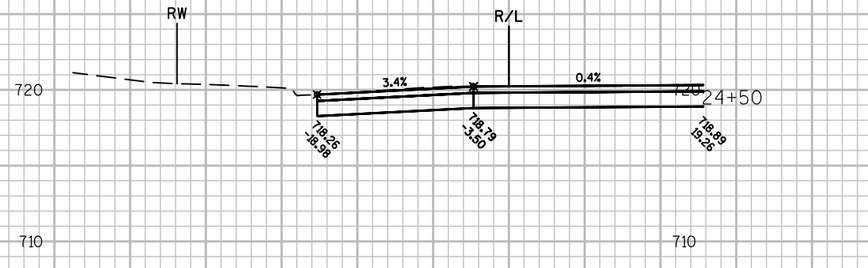
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 113	E

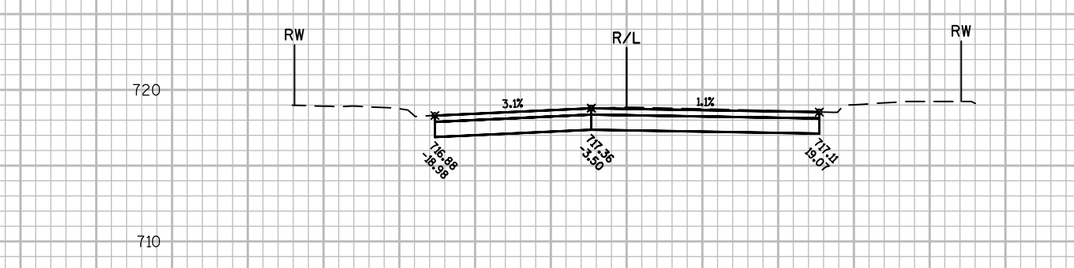


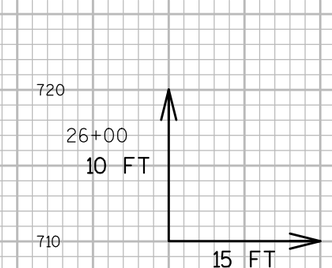












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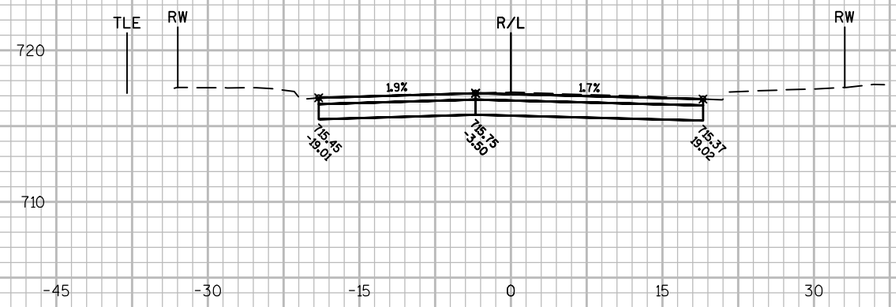
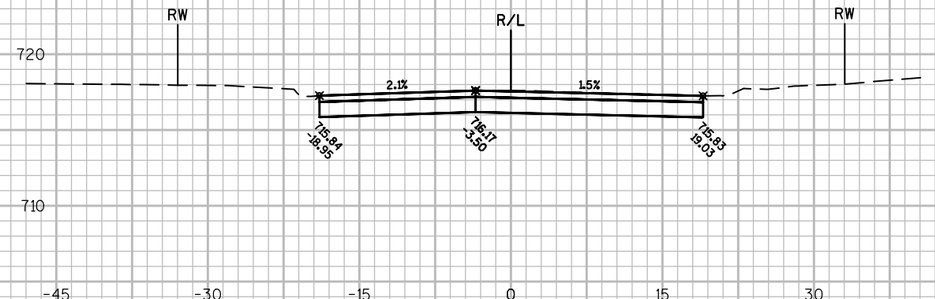
9

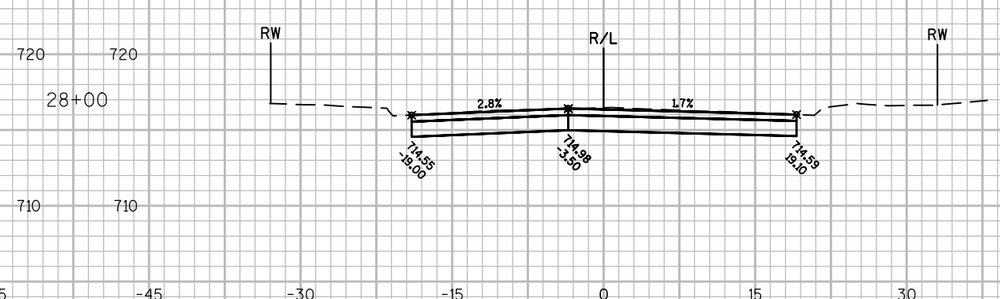
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 114	E

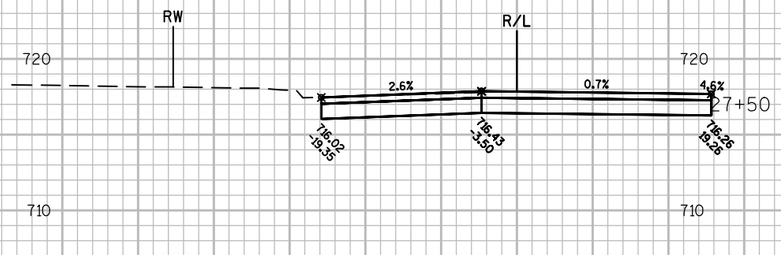
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (5)

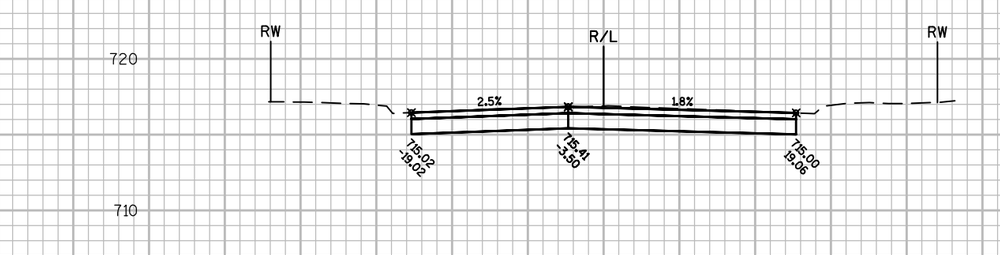
PLOT DATE : 12/16/2016 9:04 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

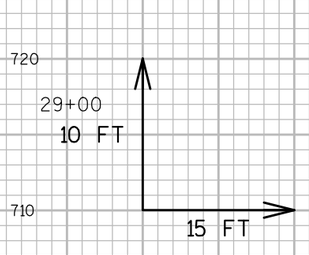












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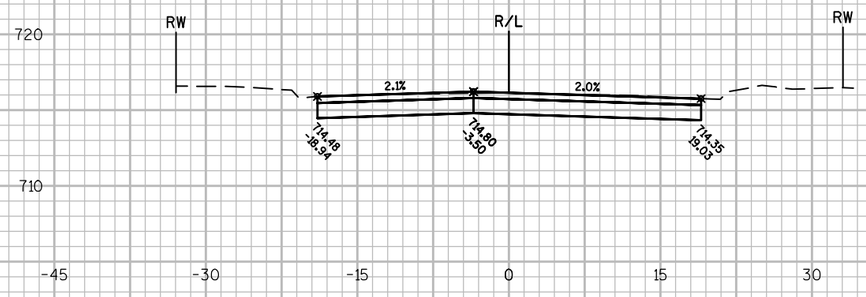
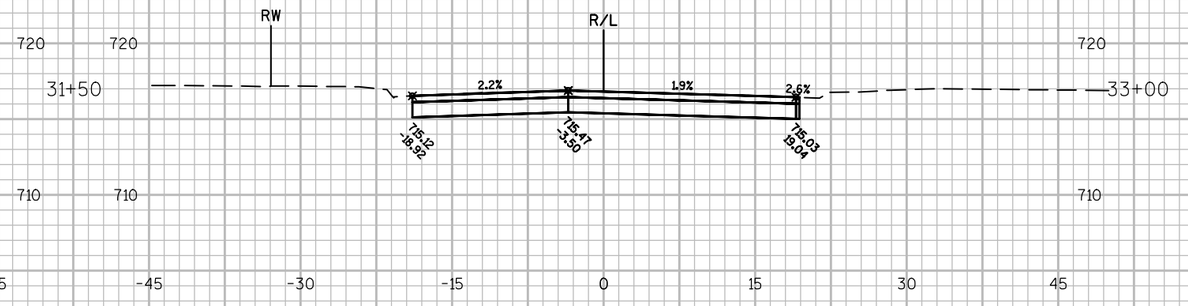
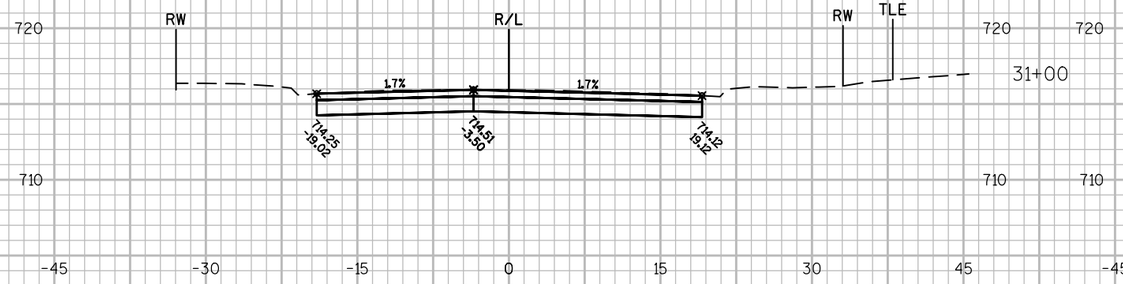
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 115	E

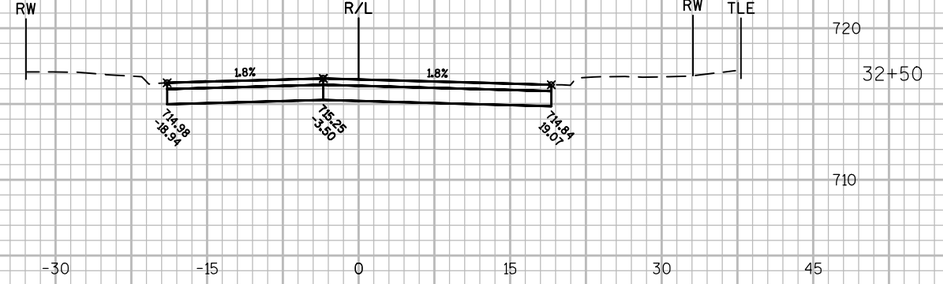
FILE NAME : \\SEHLX1\PROJECTS\K0\0\0NALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (6)

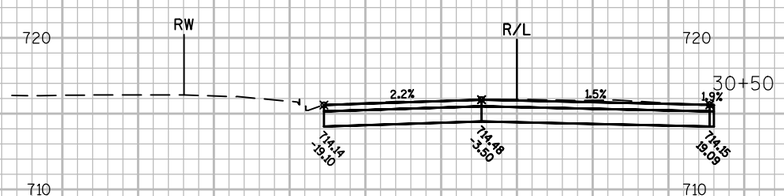
PLOT DATE : 12/16/2016 9:04 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

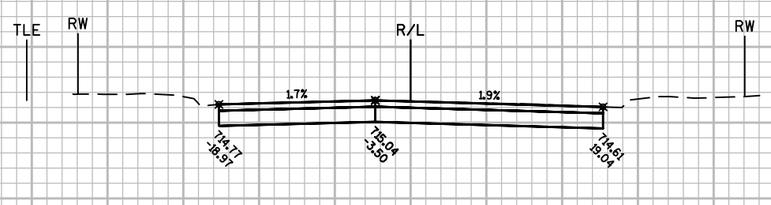












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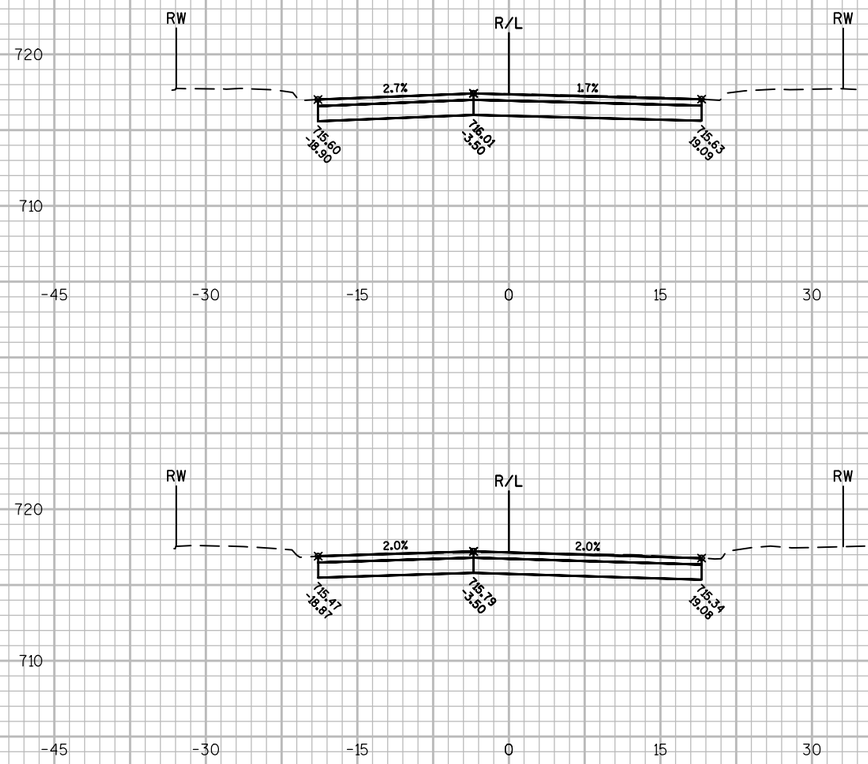
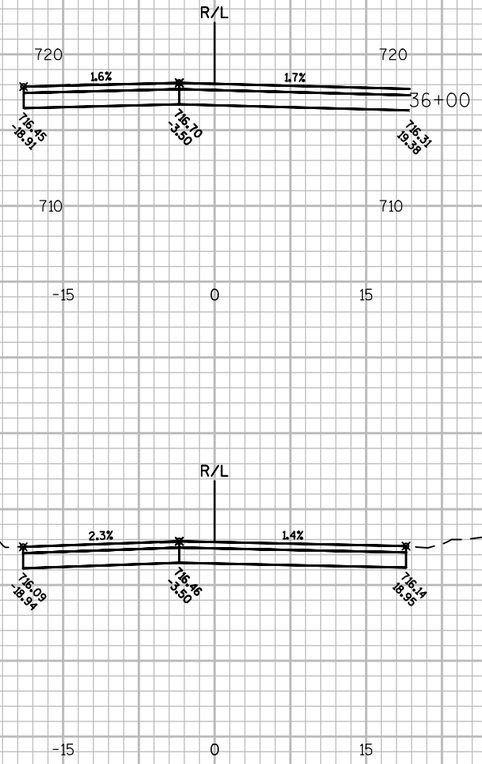
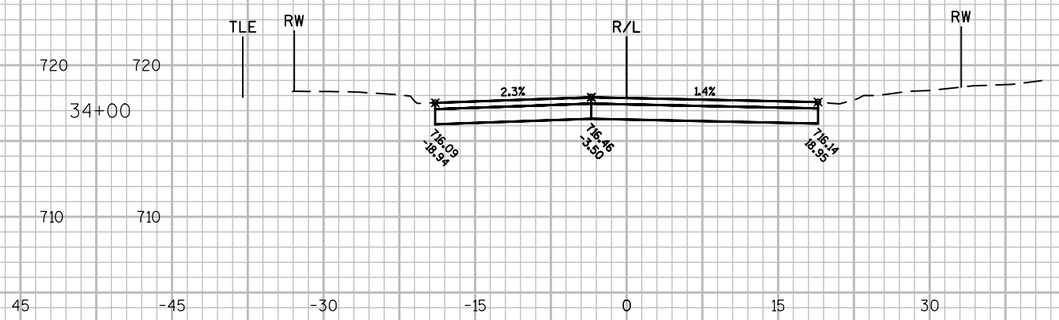
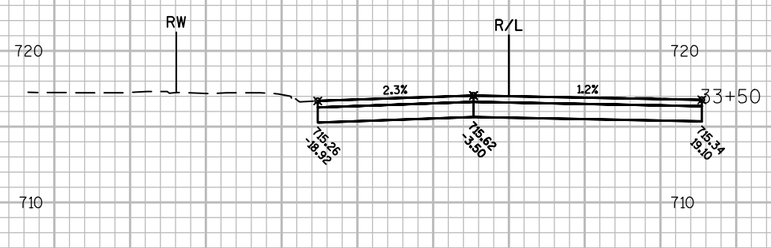
9

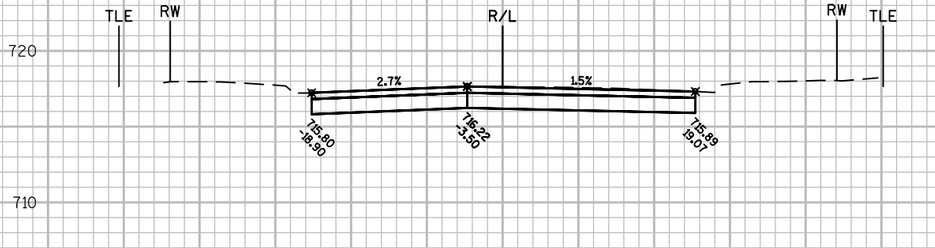
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 116	E

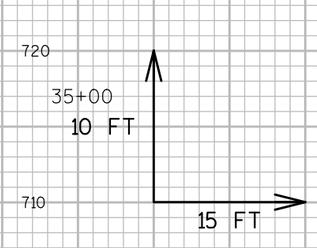












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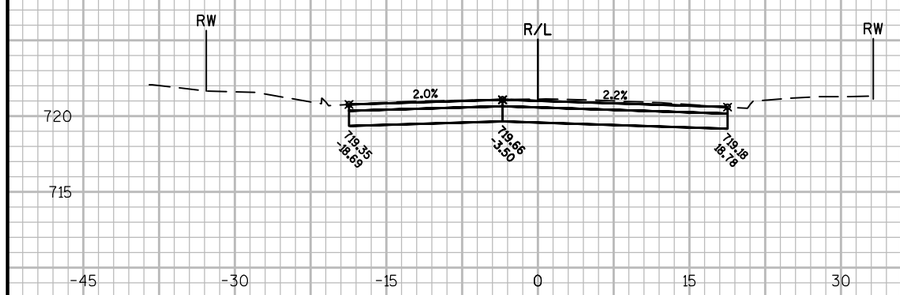
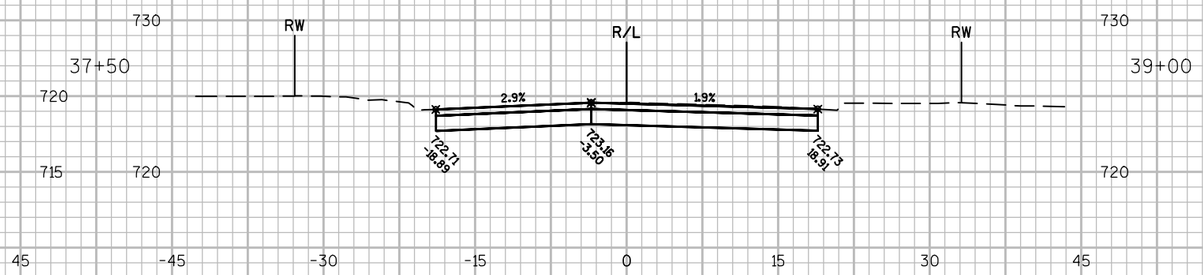
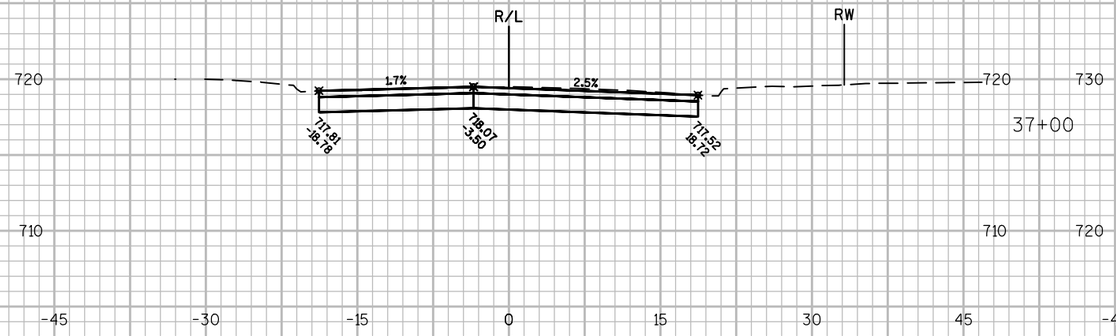
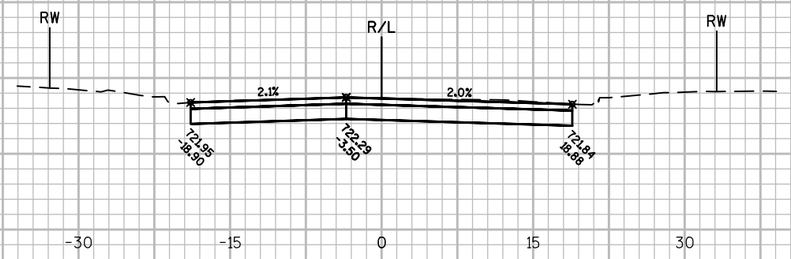
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 117	E

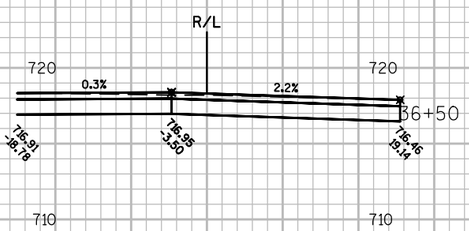
FILE NAME : \\SEHLX1\PROJECTS\K0\0\0NALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (8)
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49

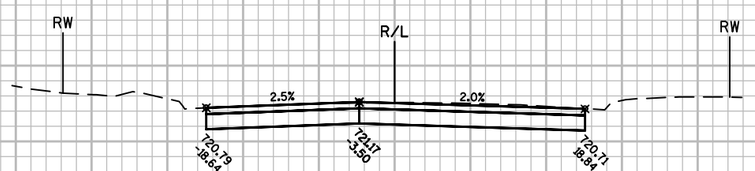


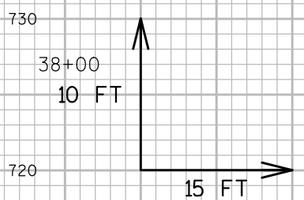












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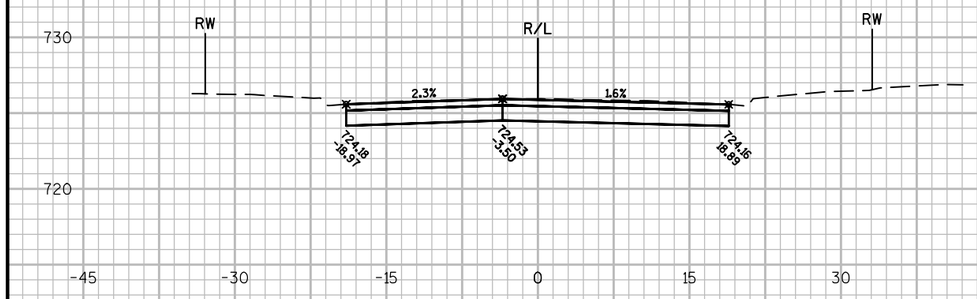
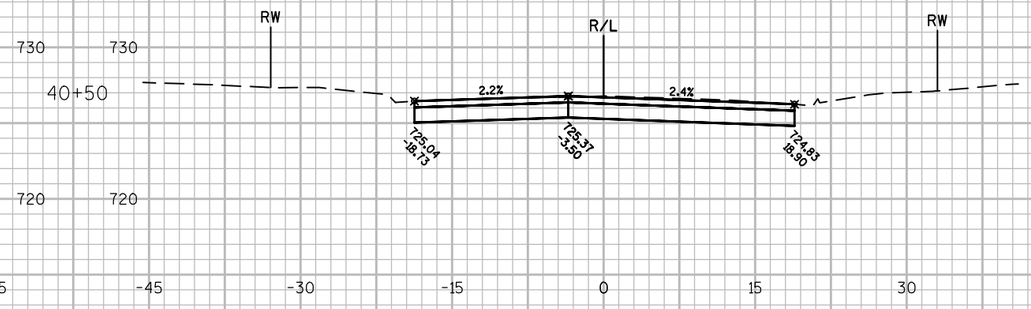
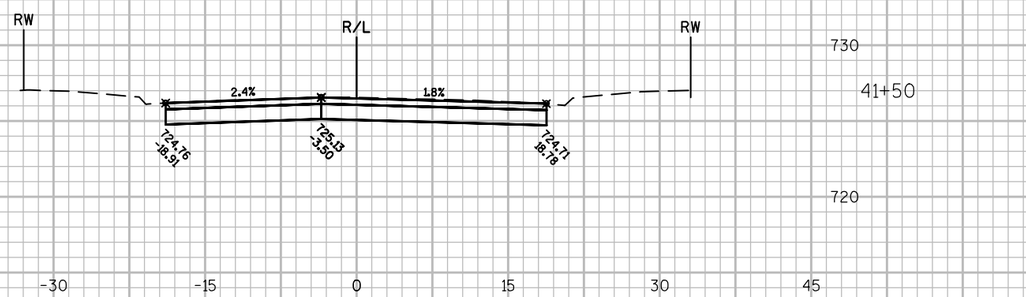
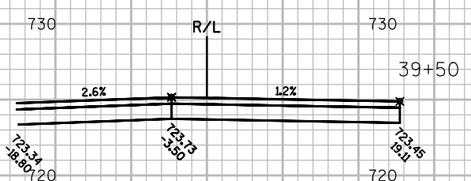
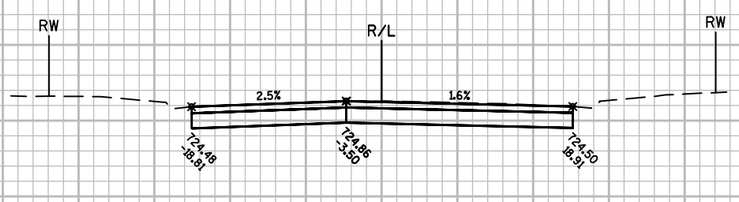
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 118	E

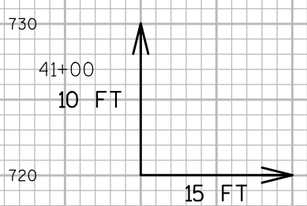












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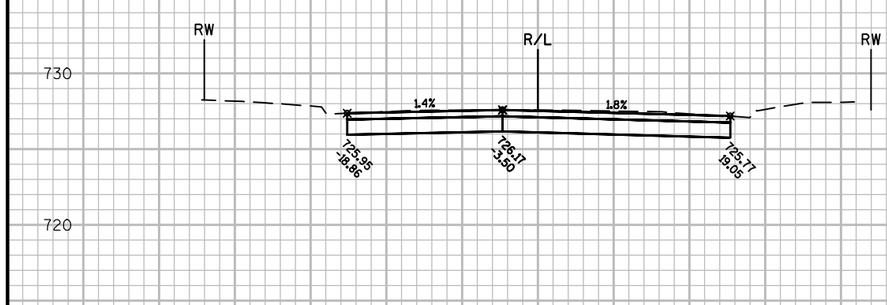
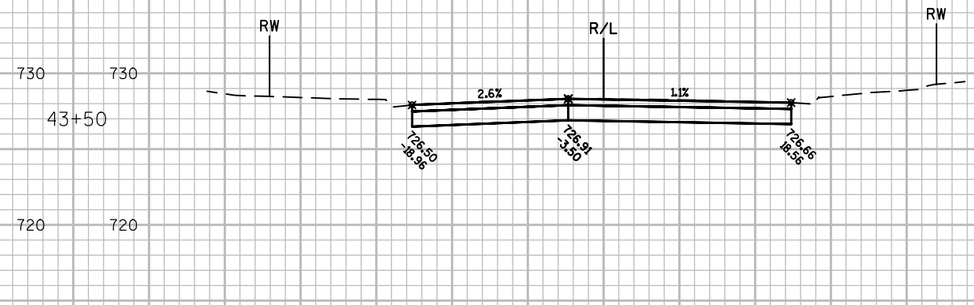
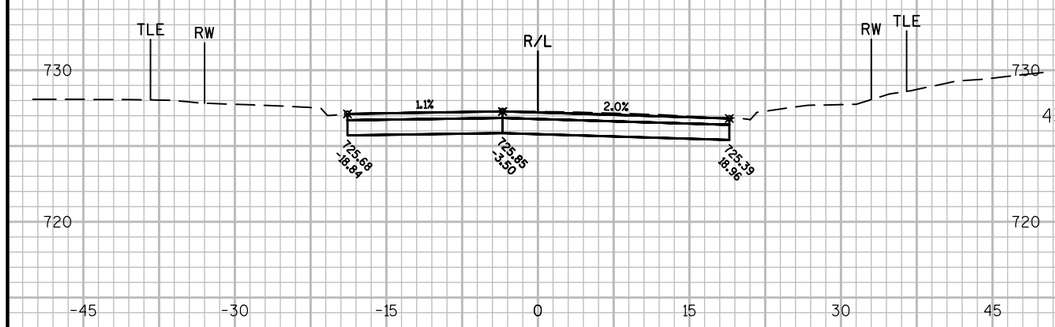
9

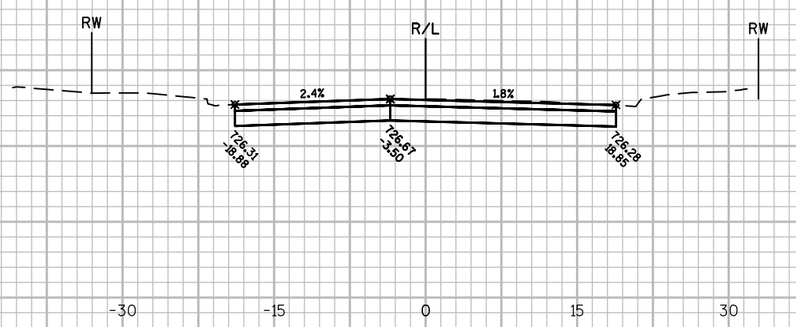
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 119	E

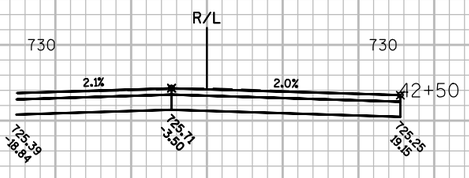
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (10)
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49

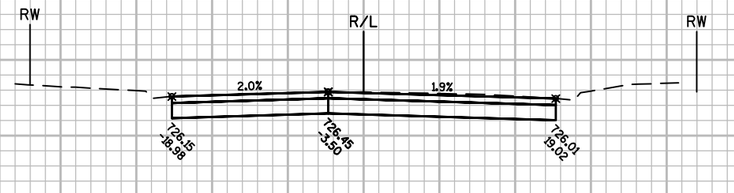


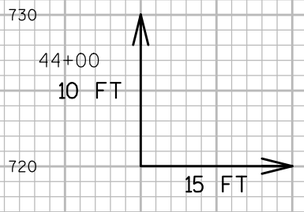












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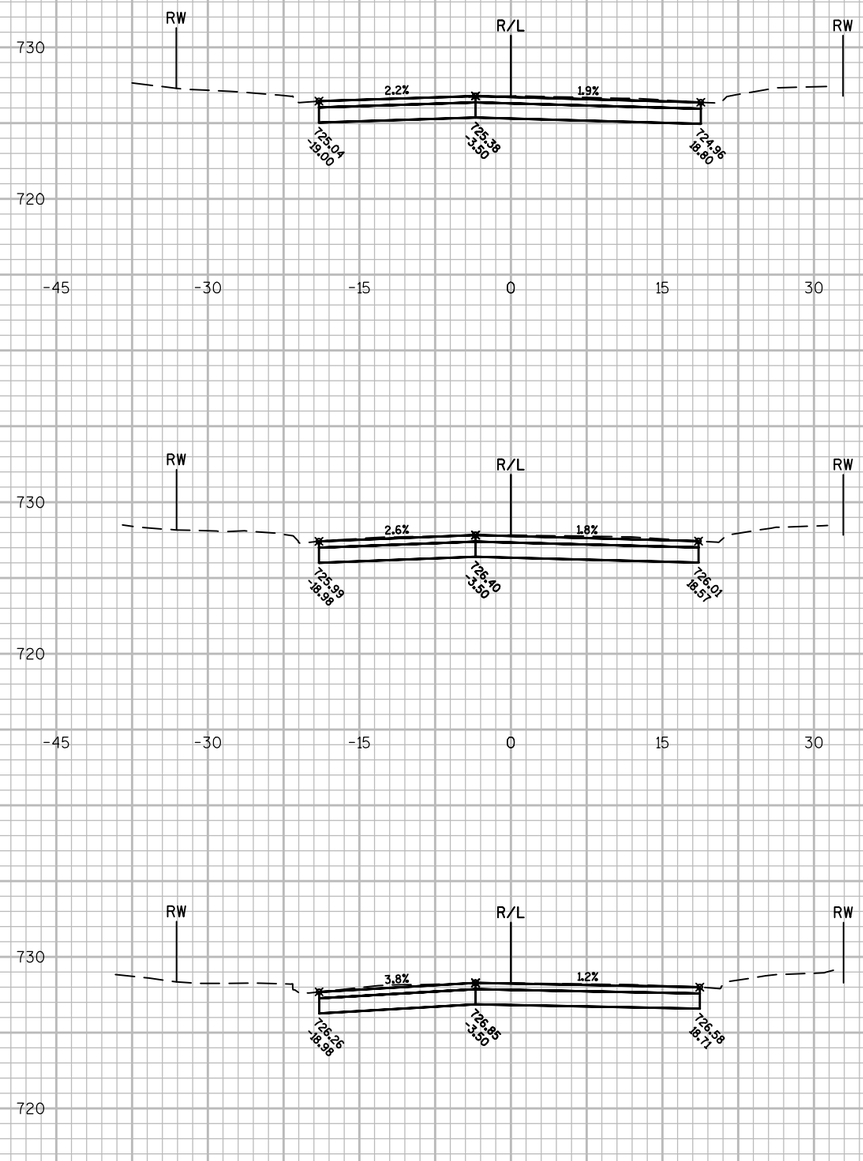
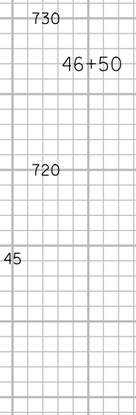
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 120	E

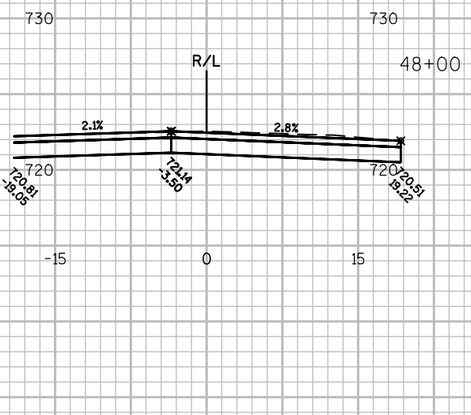
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (11)

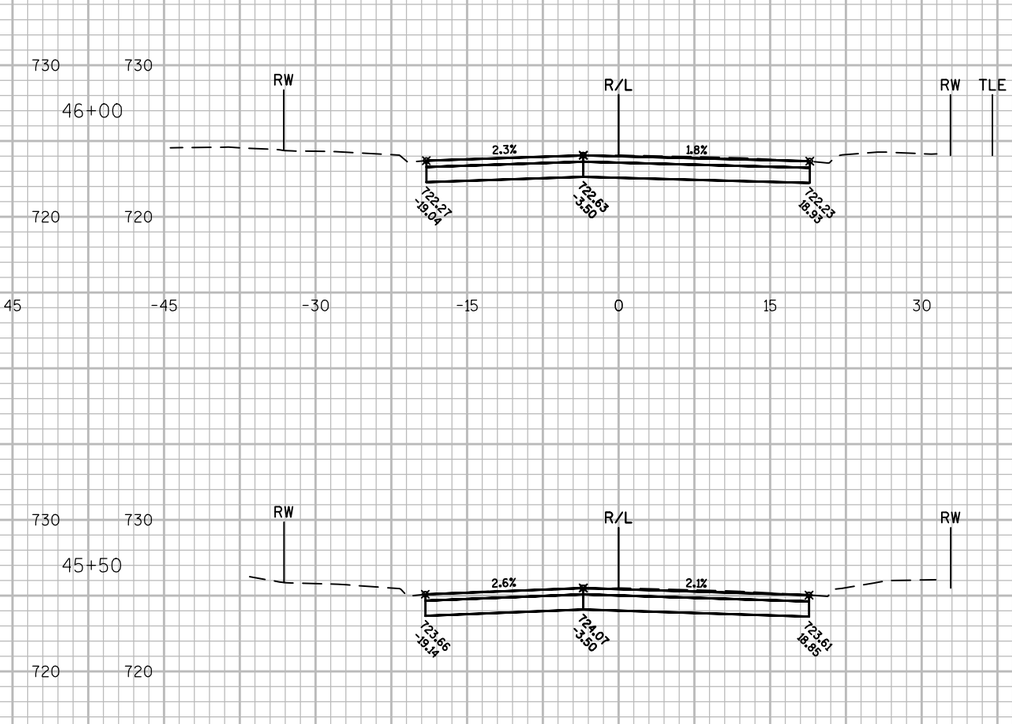
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

WISDOT/CADDS SHEET 49









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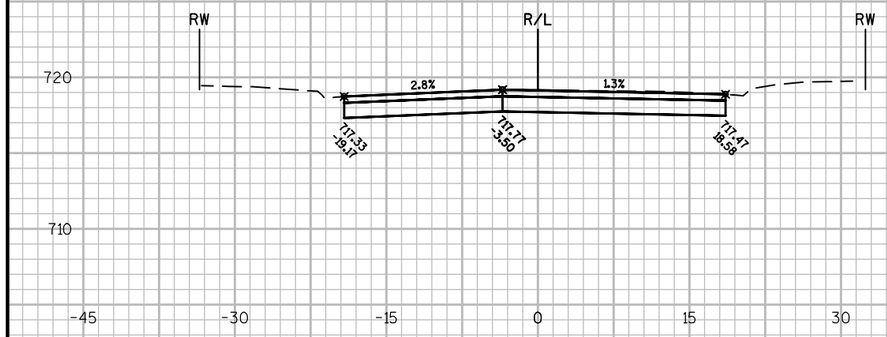
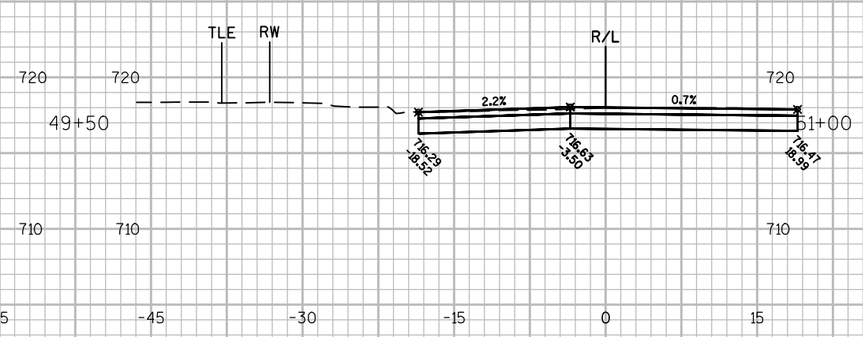
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 121	E

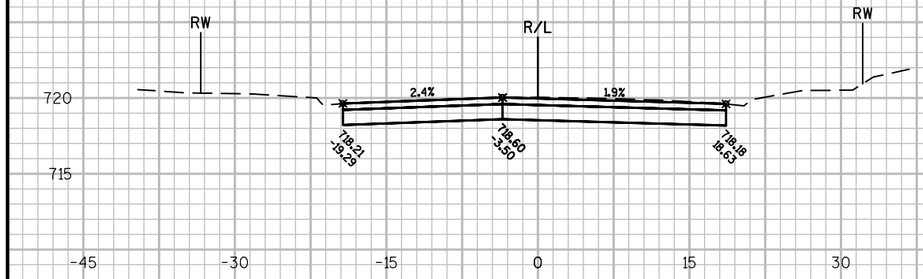
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (12)

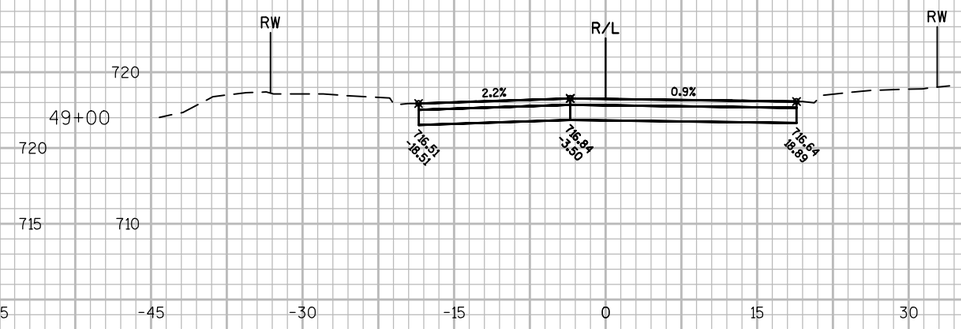
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

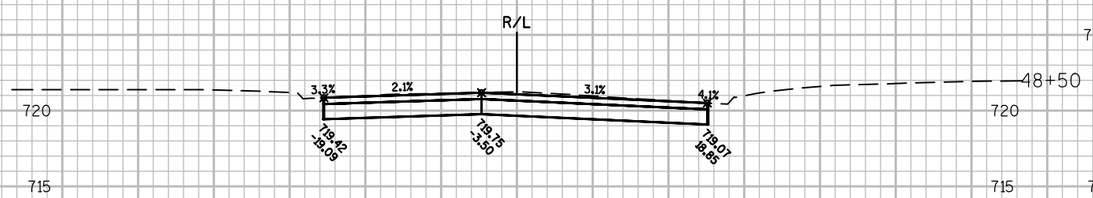
WISDOT/CADDS SHEET 49

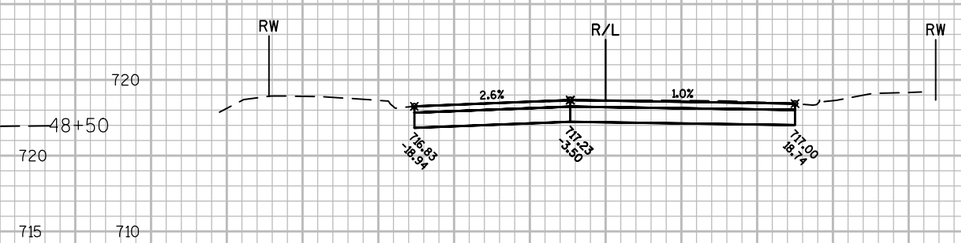


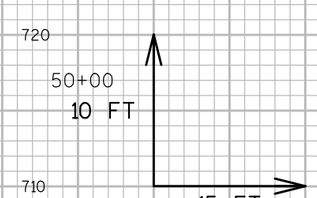












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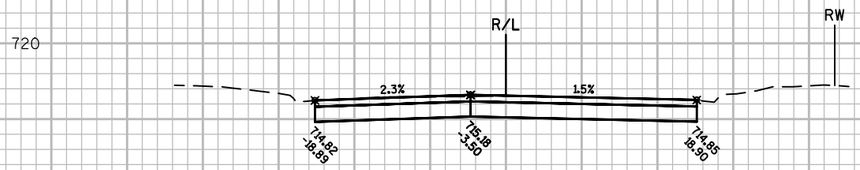
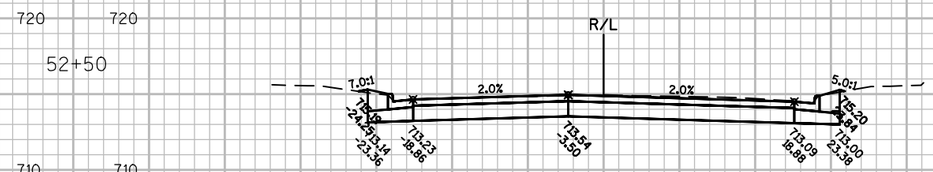
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 122	E

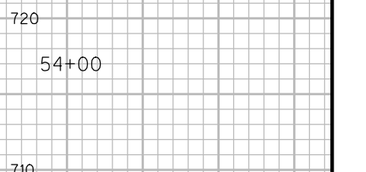
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (13)

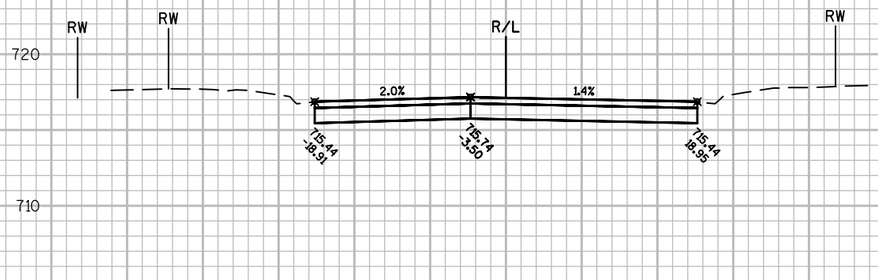
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

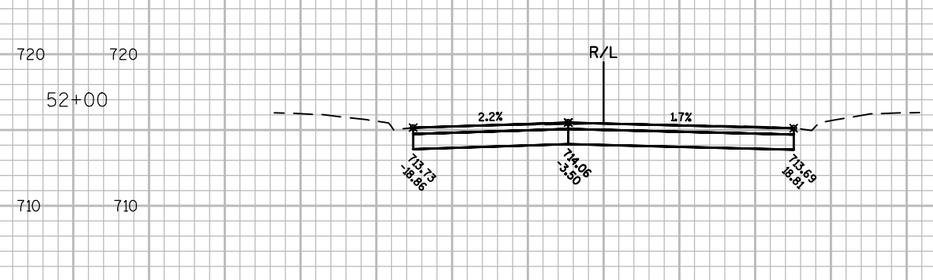
WISDOT/CADDS SHEET 49

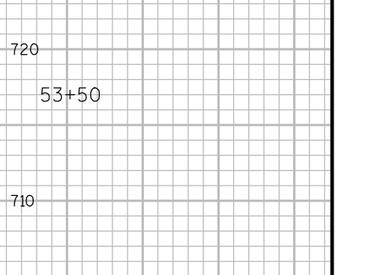


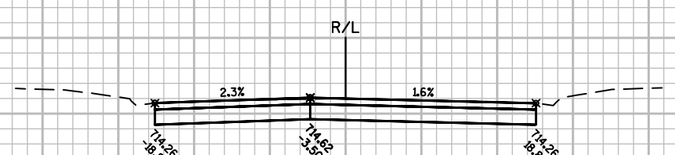












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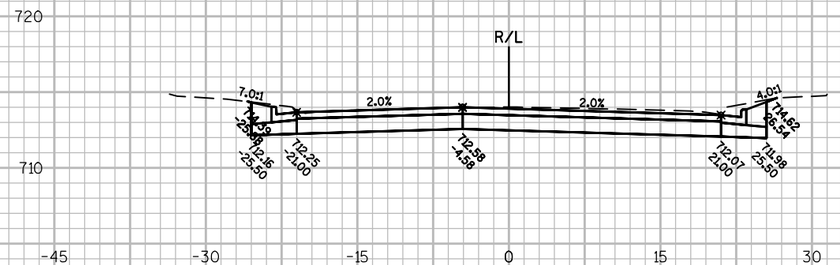
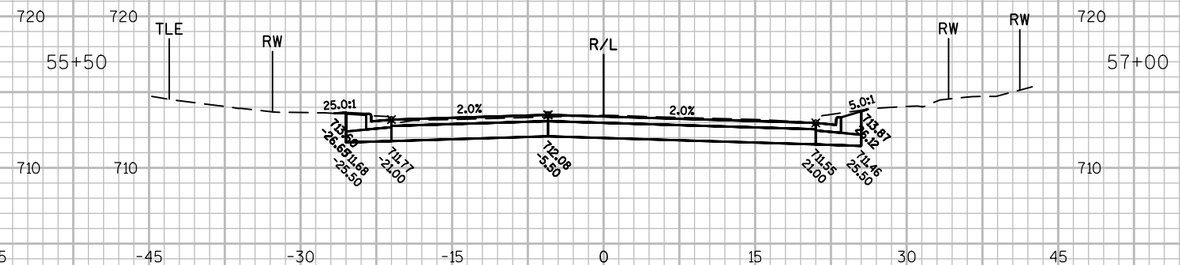
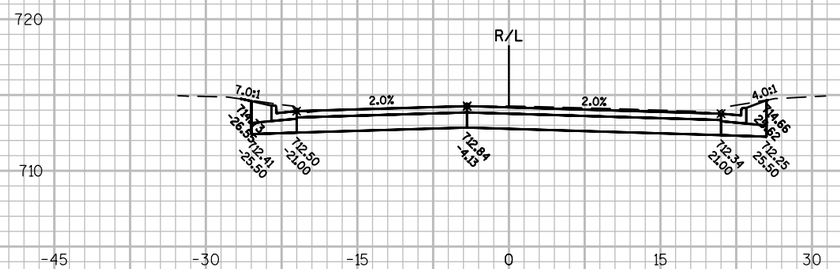
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 123	E

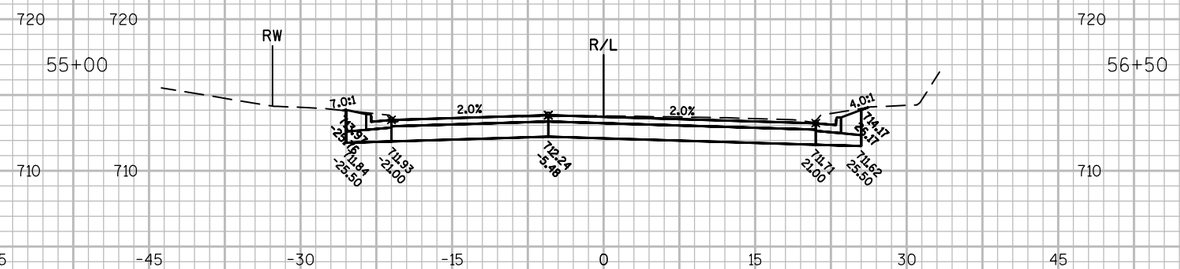
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (14)

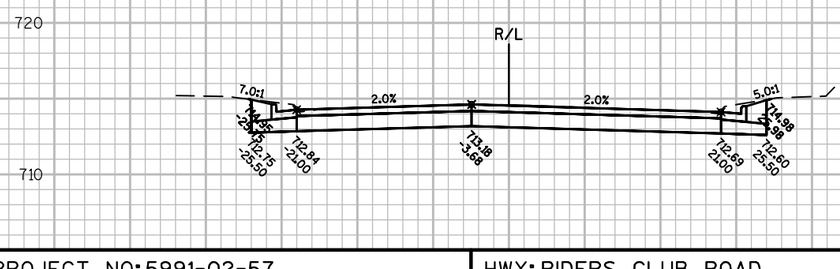
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

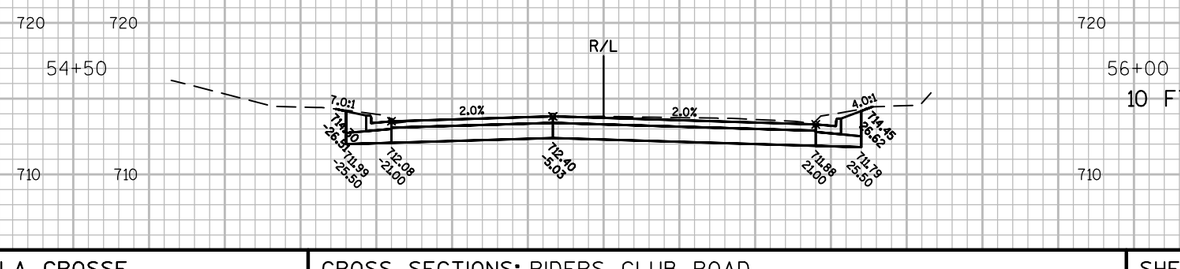


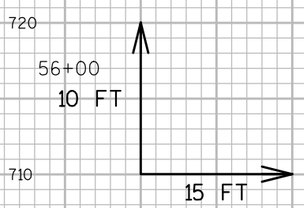












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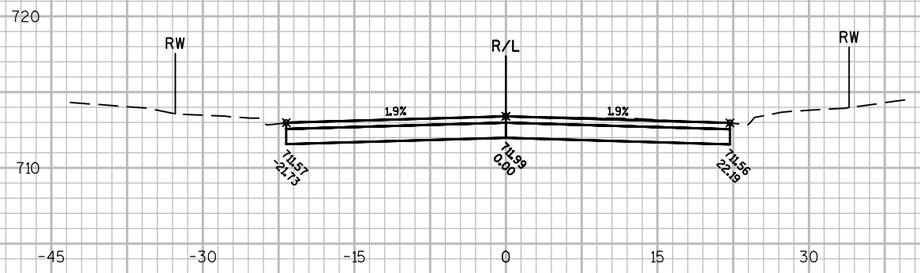
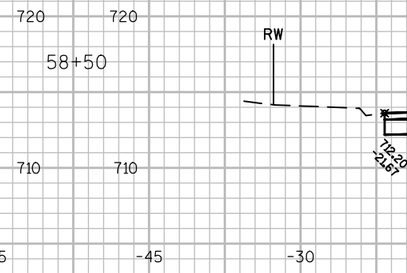
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 124	E

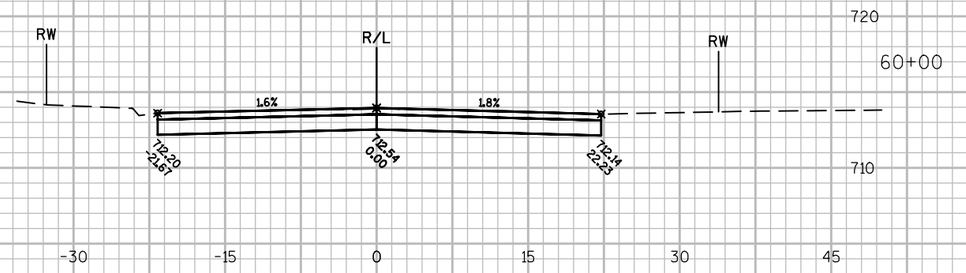
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (15)

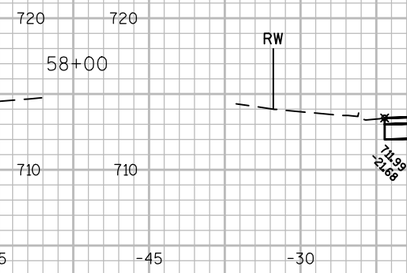
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

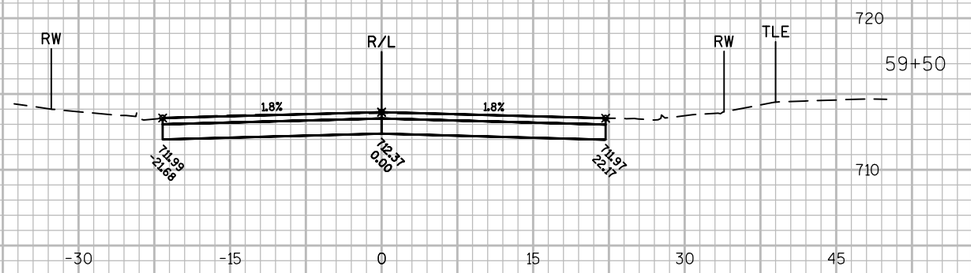
WISDOT/CADDS SHEET 49

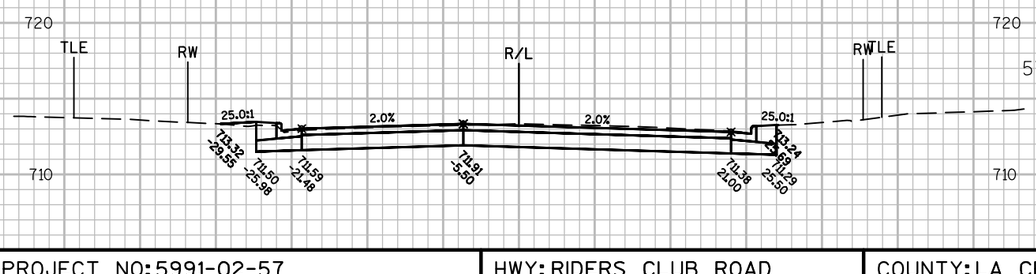


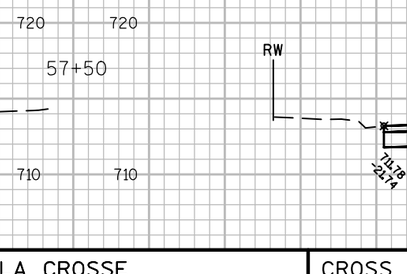


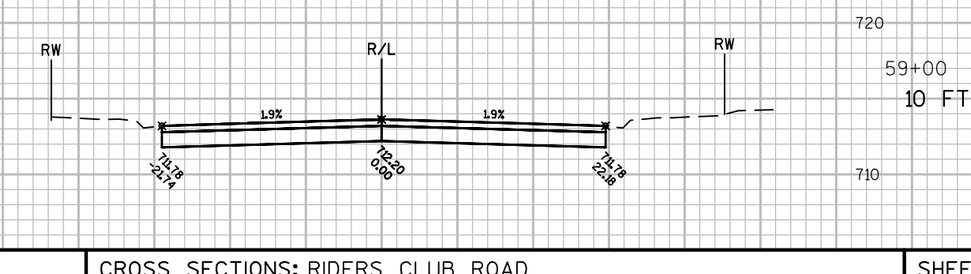


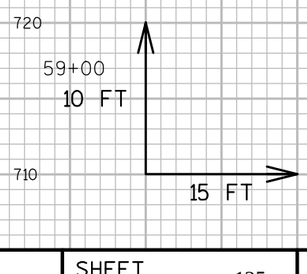












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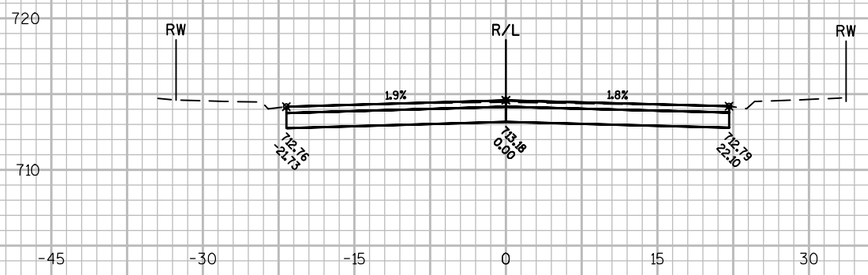
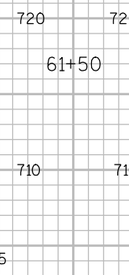
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 125	E

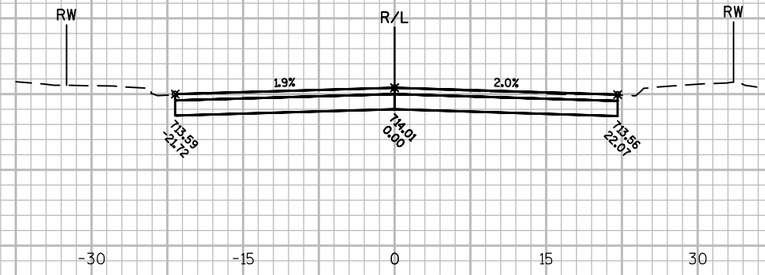
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (16)

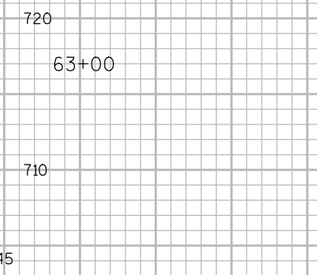
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

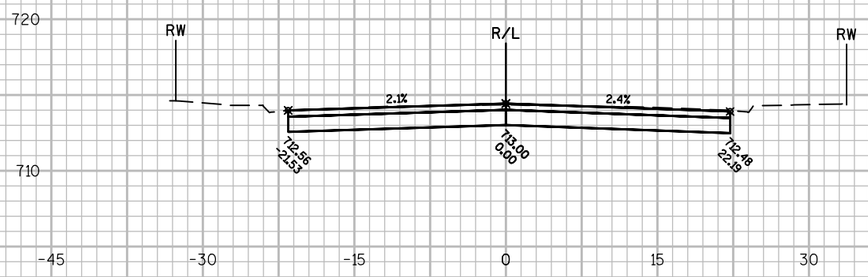
WISDOT/CADDS SHEET 49

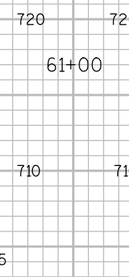


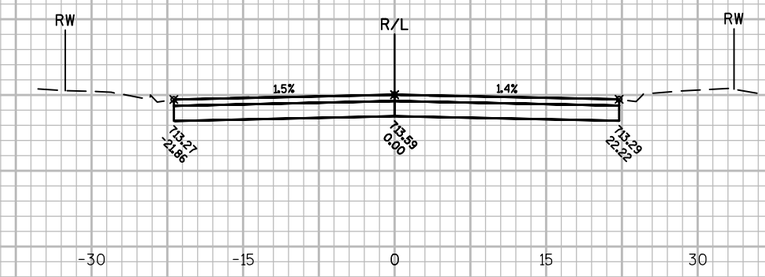


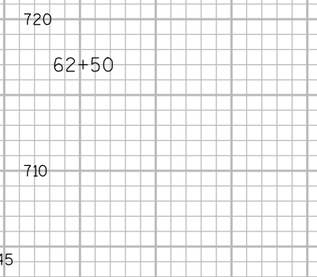


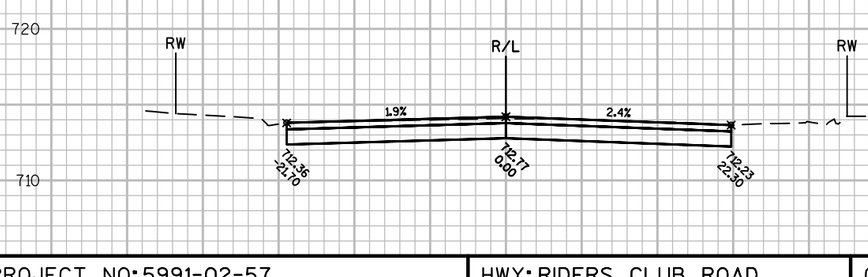


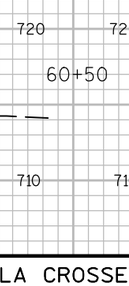


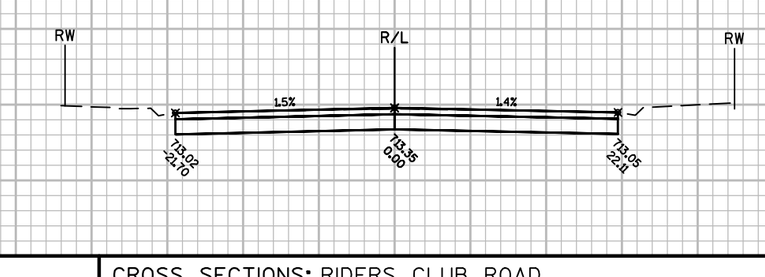


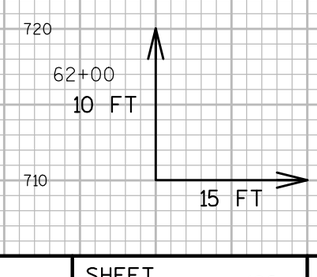












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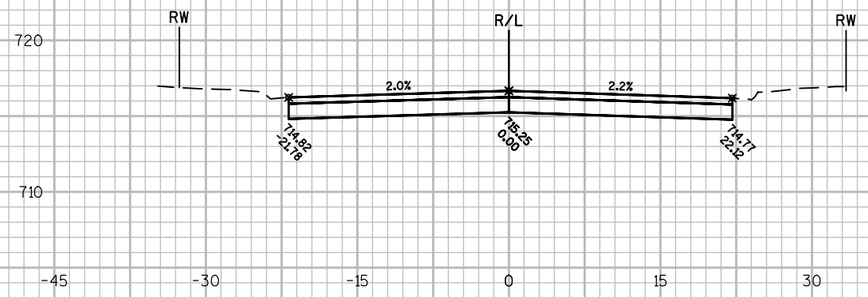
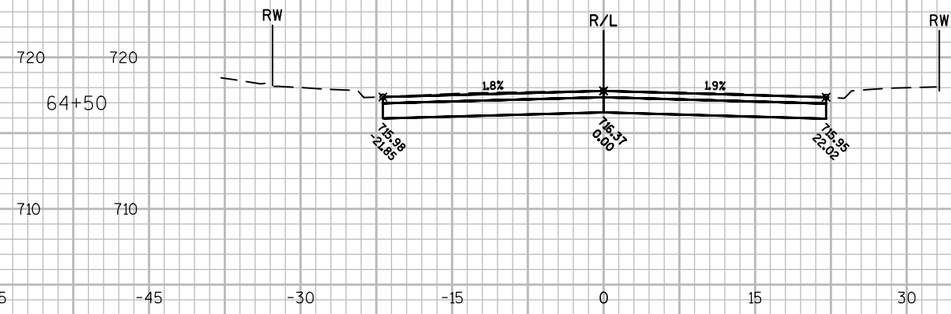
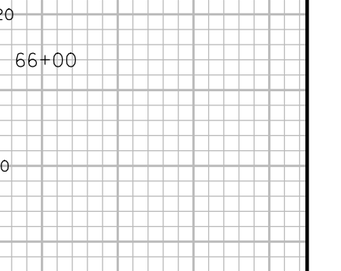
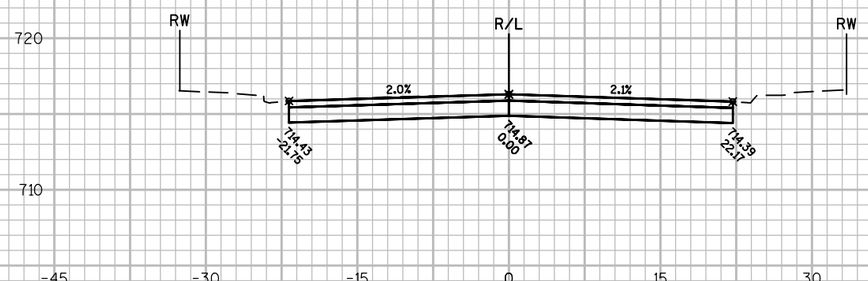
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 126	E

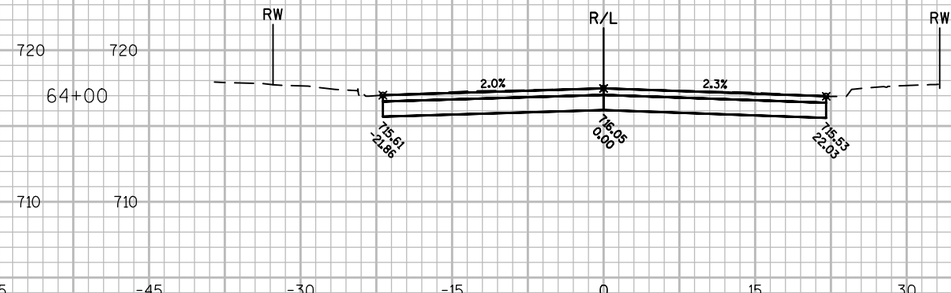
FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (17)
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49

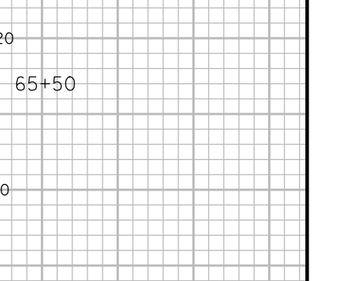


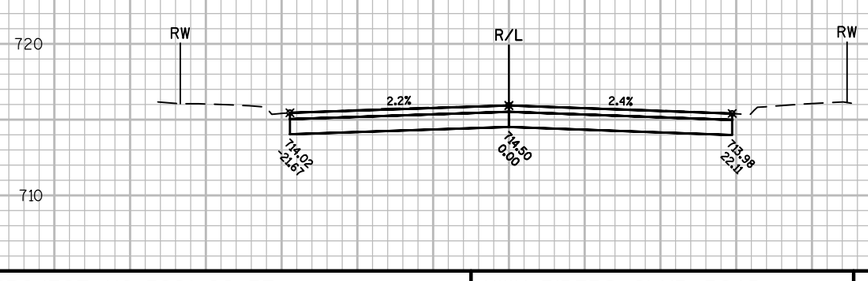


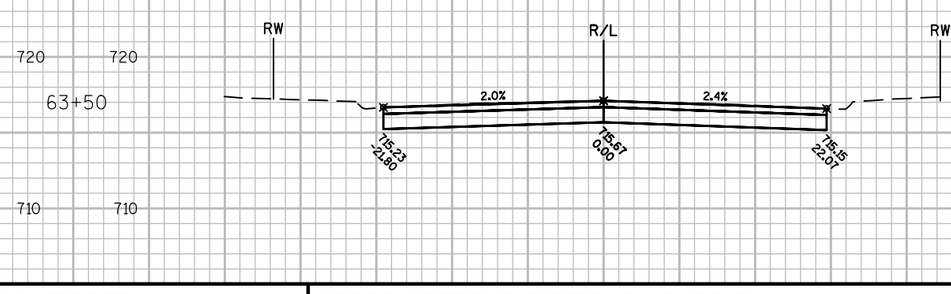


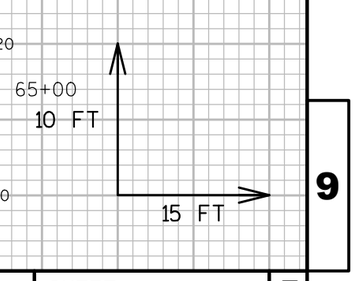












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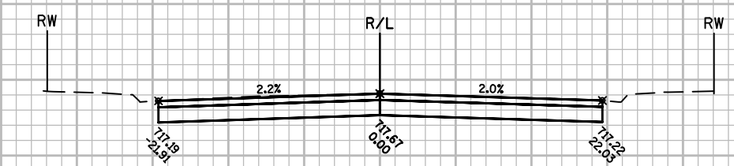
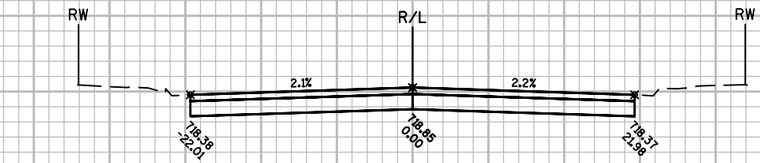
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 127	E

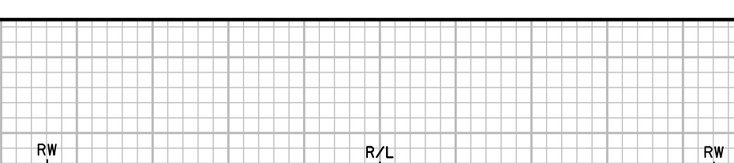
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (18)

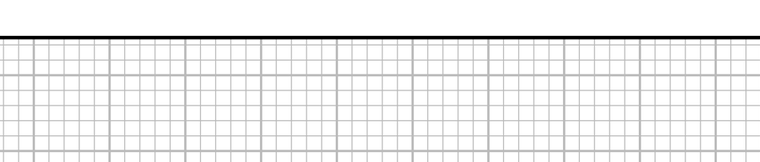
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT

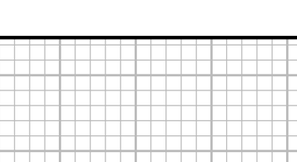
WISDOT/CADDS SHEET 49

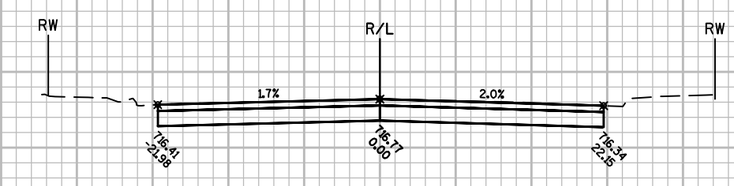


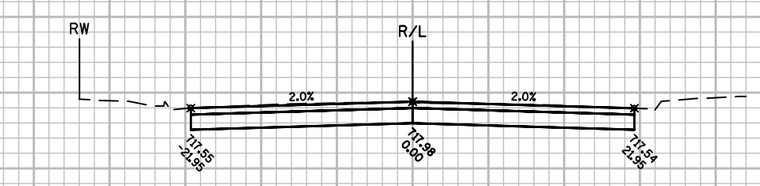


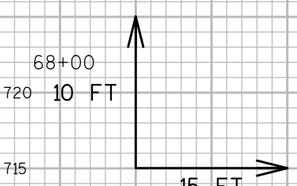












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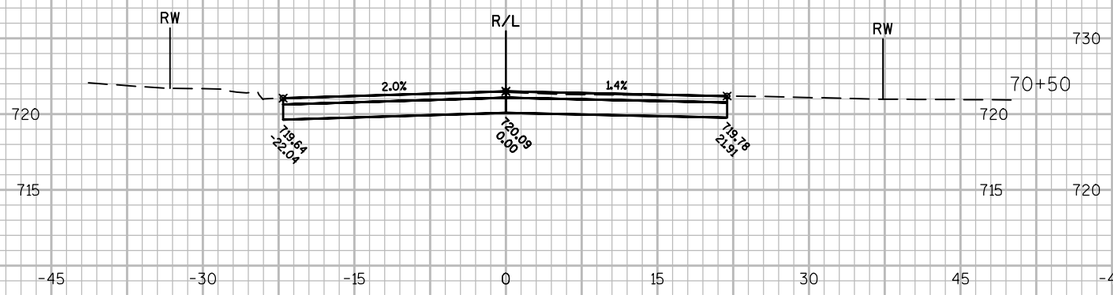
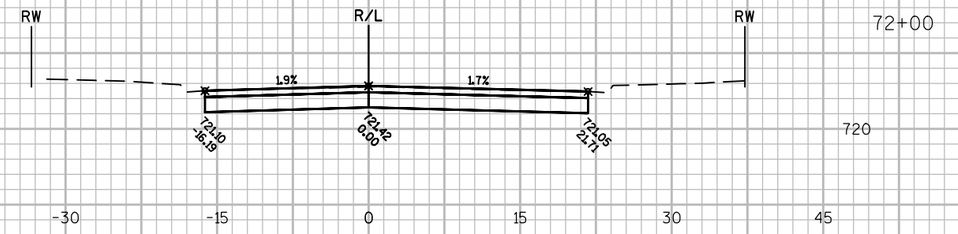
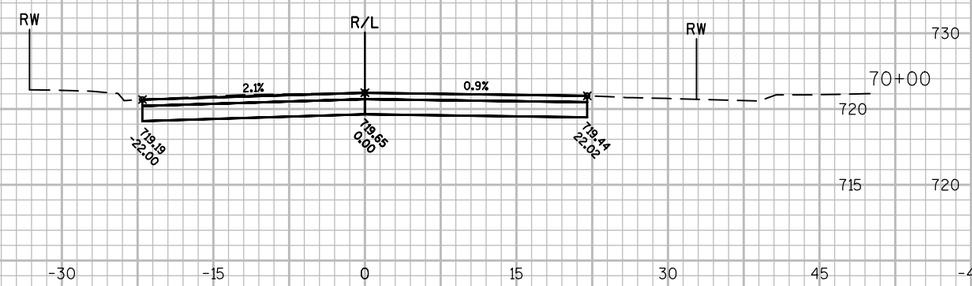
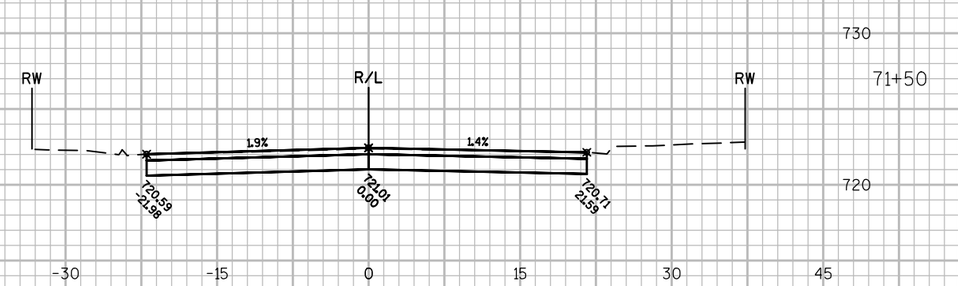
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 128	E

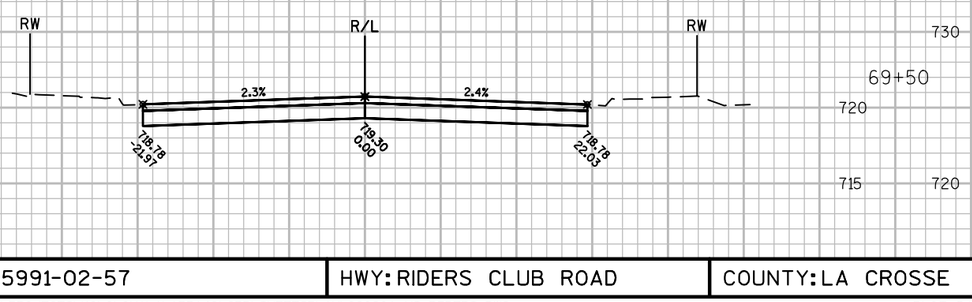
FILE NAME : \\SEHLX1\PROJECTS\KO\O\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (19)
PLOT DATE : 12/16/2016 9:05 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49

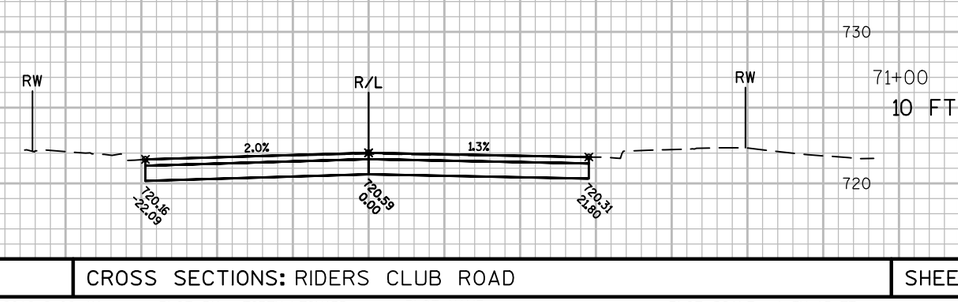












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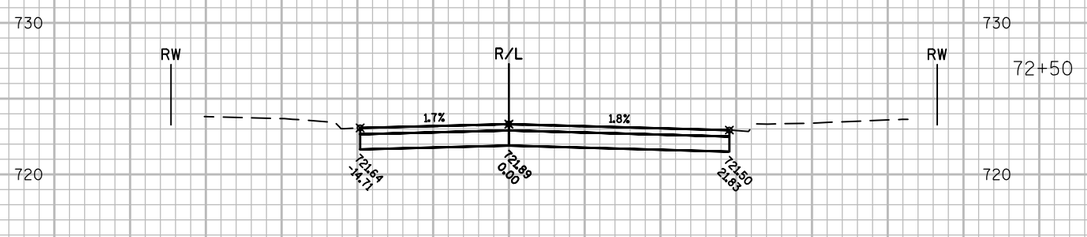
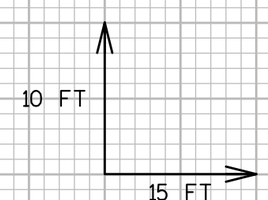
PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 129	E

FILE NAME : \\SEHLX1\PROJECTS\KO\0\ONALA\133149\C3D\SHEETSPLAN\090201-XS-RIDERS.DWG
LAYOUT NAME - 090201-XS-RIDERS - 090201 - (20)
PLOT DATE : 12/16/2016 9:06 AM PLOT BY : TOREY LEONARD PLOT NAME : PLOT SCALE : 1 IN:15 FT
WISDOT/CADDS SHEET 49





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PROJECT NO: 5991-02-57	HWY: RIDERS CLUB ROAD	COUNTY: LA CROSSE	CROSS SECTIONS: RIDERS CLUB ROAD	SHEET 130	E

Notes

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