

FEDERAL PROJECT STATE PROJECT CONTRACT **PROJECT** WISC 2022212 9080-14-72

> ORIGINAL PLANS PREPARED BY 1835 North Stevens Street, Rhinelander WI 54501 (715) 362-3244 www.msa-ps.com © MSA Professional Services, Inc.

> > SPROMBERG

E 37771-008

SCHOFIELD,

(Professional Engineer Signature) STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PREPARED BY Surveyor

2019, RIGHT OF WAY FIELD WORK WAS PERFORMED APRIL 2020.

MSA PROFESSIONAL SERVICES, INC. MSA PROFESSIONAL SERVICES, INC Designer

Project Manage

10/20/2021

APPROVED FOR THE DEPARTMEN

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SHAWN DOLENS FILE NAME: G:\00\00093\00093522\CADD\SHEETSPLAN\010101-TI.DWG 7/27/2021 12:54 PM

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TELEPHONE POLE

WOODED OR SHRUB AREA

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.

SECTION 2 ORDER

GENERAL NOTES PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS PERMANENT SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL

AS-BUILT REFERENCES (YEAR)*

9081-00-71 (2000) 9080-11-70 (2000)

* APPROVAL YEAR (NOT CONSTRUCTION)

DNR CONTACT

WISCONSIN DEPARTMENT OF NATURAL RESOURCES JON SIMONSEN 107 SUTLIFF AVENUE RHINELANDER, WI 54501 PHONE: (715) 367-1936 JONATHAN.SIMONSEN@WISCONSIN.GOV

UTILITIES

COMMUNICATION LINE CHARTER COMMUNICATIONS STEVE BROWN 821 LINCOLN STREET

RHINELANDER, WI 54501 PHONE: (715) 519-0042 STEVE.BROWN@CHARTER.COM

COMMUNICATION LINE

FRONTIER COMMUNICATIONS OF WILLC

MICHAEL PEART PHONE: (320) 441-8788 MICHAEL.PEART@FTR.COM

WISCONSIN PUBLIC SERVICE CORPORATION

KEVIN TERMAAT P.O. BOX 1166

WAUSAU, WI 54401-1166 PHONE: (715) 848-7353

KEVIN.TERMAAT@WISCONSINPUBLICSERVICE.COM

ELECTRIC

CITY OF EAGLE RIVER LIGHT & WATER

MIKE SANBORN 525 E MAPLE STREET P.O. BOX 1269 EAGLE RIVER, WI 54521 PHONE: (715) 479-8121 MSANBORN@ERLW.ORG **ELECTRIC - TRANSMISSION**

ATC MANAGEMENT, INC.

CHRIS DAILEY P.O. BOX 47

WAUKESHA, WI 53187 PHONE: (262) 506-6814 CDAILEY@ATCLLC.COM

GAS/PETROLEUM

WISCONSIN PUBLIC SERVICE CORPORATION

CHRIS GILMAN 2020 NAVAJO STREET P.O. BOX 160

RHINELANDER, WI 54501 PHONE: (715) 369-7133 MOBILE: (713) 490-4153

CHRIS.GILMAN@WISCONSINPUBLICSERVICE.COM

CITY OF EAGLE RIVER MIKE ADAMOVICH 1020 BLUEBIRD ROAD EAGLE RIVER, WI 54521 PHONE: (715) 479-4330 MOBILE: (715) 617-4333 ERDPW@CI.EAGLE-RIVER.WI.US

WATER

MIKE SANBORN

CITY OF EAGLE RIVER LIGHT & WATER

525 E MAPLE STREET P.O. BOX 1269 EAGLE RIVER, WI 54521 PHONE: (715) 479-8121 MSANBORN@ERWL.ORG

RUNOFF COEFFICIENT TABLE

| | HYDROLOGIC SOIL GROUP | | | | | | | | | | | |
|----------------------------|-------------------------|------|-------------|-------------------------|------|-------------|----------------------------|------|----------|----------------------------|--------------|--------------|
| | A SLOPE RANGE (PERCENT) | | | B SLOPE RANGE (PERCENT) | | | C SLOPE RANGE (PERCENT) | | | D SLOPE RANGE (PERCENT) | | |
| | | | | | | | | | | | | |
| LAND USE: | 0-2 | 2-6 | 6 & OVER | 0-2 | 2-6 | 6 & OVER | | 2-6 | 6 & OVER | 0-2 | 2-6 | 6 & OVER |
| MEDIAN STRIP TURF | 0.19 | 0.20 | 0.24 | 0.19 | 0.22 | 0.26 | 0.20 | 0.23 | 0.30 | 0.20 | 0.25 0.32 | 0.30 0.40 |
| SIDE SLOPE TURF | | | 0.25 | | | 0.27 | | | 0.28 | | | 0.30 0.38 |
| PAVEMENT: | | | | | | 0.40 - 0.60 | | | | • | | |
| ASPHALT: | | | | | | 0.70 - 0.95 | | | | | | |
| CONCRETE: | | | | | | 0.80 - 0.95 | | | | | | |
| BRICK: | | | | | | 0.70 - 0.80 | | | | | | |
| DRIVES, WALKS: 0.75 - 0.85 | | | | | | | | | | | | |
| ROOFS: | | | | | | 0.75 - 0.95 | | | | | | |
| GRAVEL ROADS, SI | | | 0.40 - 0.60 | | | | | | | | | |

RUNOFF COEFFICIENTS FOR THIS PROJECT: EXISTING SIDE SLOPES 0.30, PROPOSED SIDE SLOPES 0.30, EXISTING PAVEMENT 0.95, PROPOSED PAVEMENT 0.95.

EROSION CONTROL NOTES

TOTAL PROJECT AREA = 33.4 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.15 ACRES

COUNTY: VILAS PROJECT NO: 9080-14-72 HWY: STH 70 **GENERAL NOTES** SHEET PLOT BY:

* - NOT A MEMBER OF DIGGERS HOTLINE



WISDOT/CADDS SHEET 42

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G:\00\00093\00093522\CADD\SHEETSPLAN\020101-GN.DWG

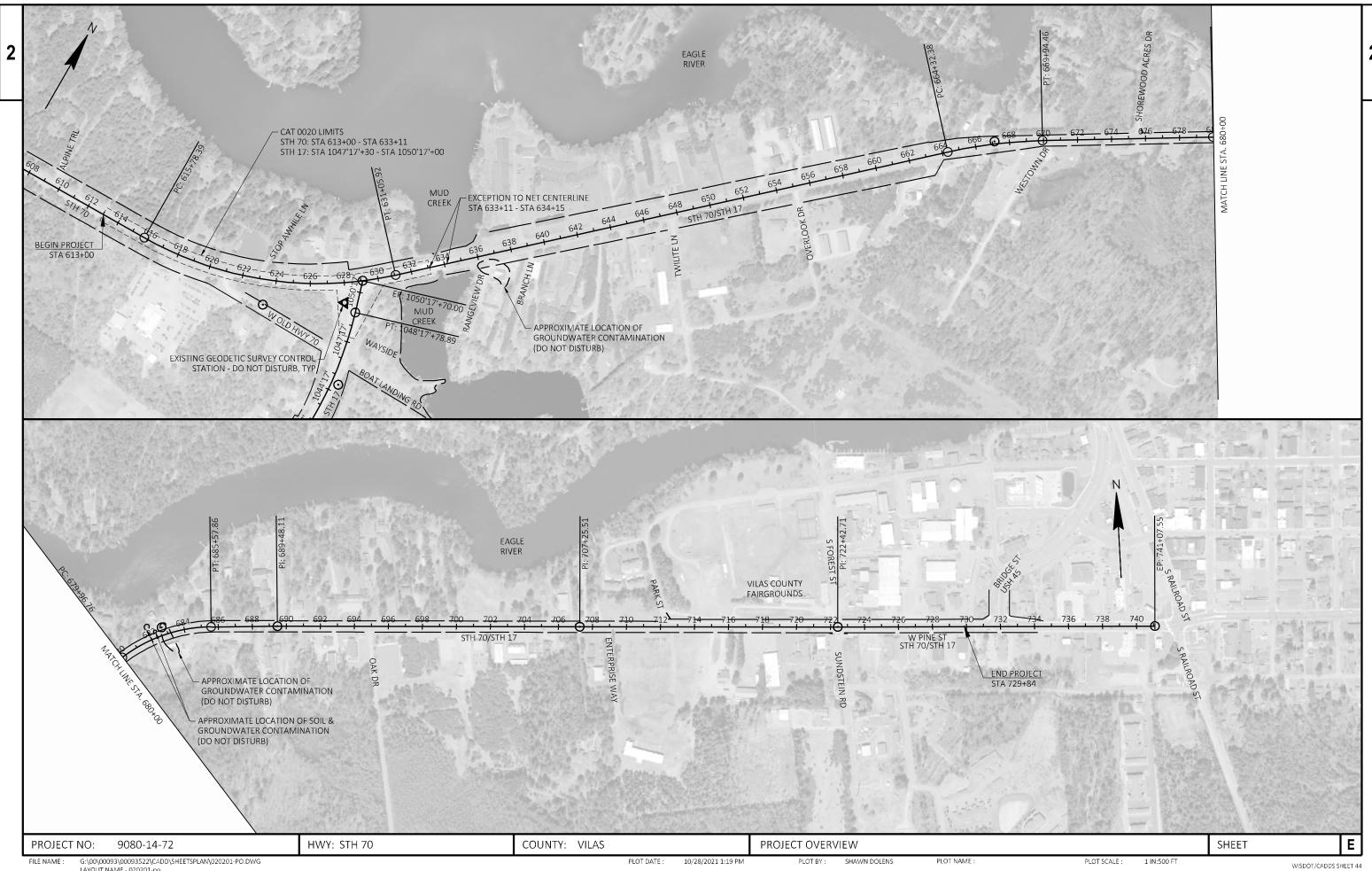
12/10/2021 1:16 PM

MARISSA WACKER

PLOT NAME

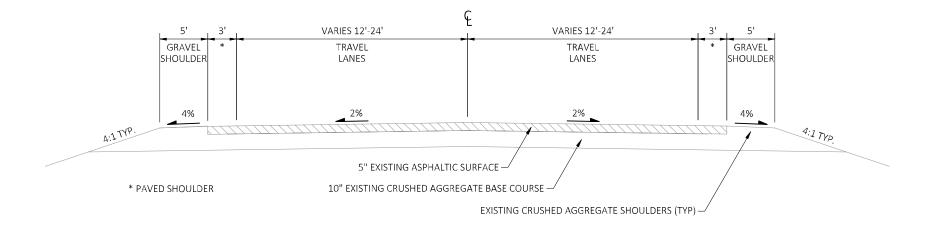
PLOT SCALE : 1 IN:100 FT

LAYOUT NAME - 020101-gn



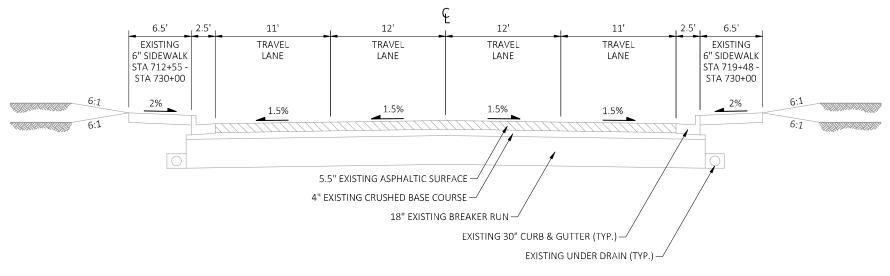
G:\00\00093\00093522\CADD\SHEETSPLAN\020201-PO.DWG LAYOUT NAME - 020201-po





EXISTING RURAL TYPICAL SECTION

STA 613+00 - STA 633+11 STA 634+15 - STA 662+65

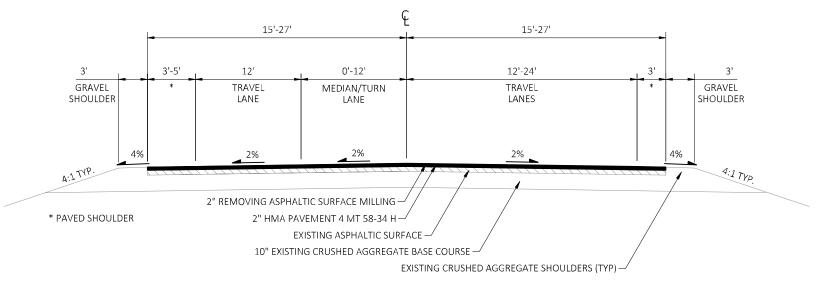


EXISTING URBAN TYPICAL SECTION

STA 662+65 - STA 729+84

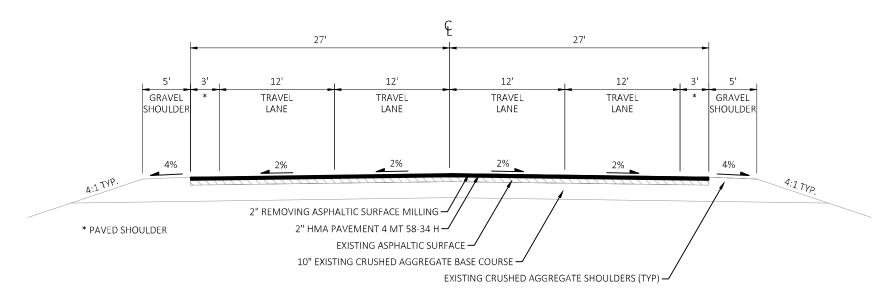
HWY: STH 70 COUNTY: VILAS TYPICAL SECTIONS SHEET Ε PROJECT NO: 9080-14-72 FILE NAME : G:\00\00093\00093522\CADD\SHEETSPLAN\020301-TS.DWG PLOT DATE: 7/27/2021 1:05 PM PLOT BY: SHAWN DOLENS PLOT NAME : PLOT SCALE : 1 IN:10 FT WISDOT/CADDS SHEET 42





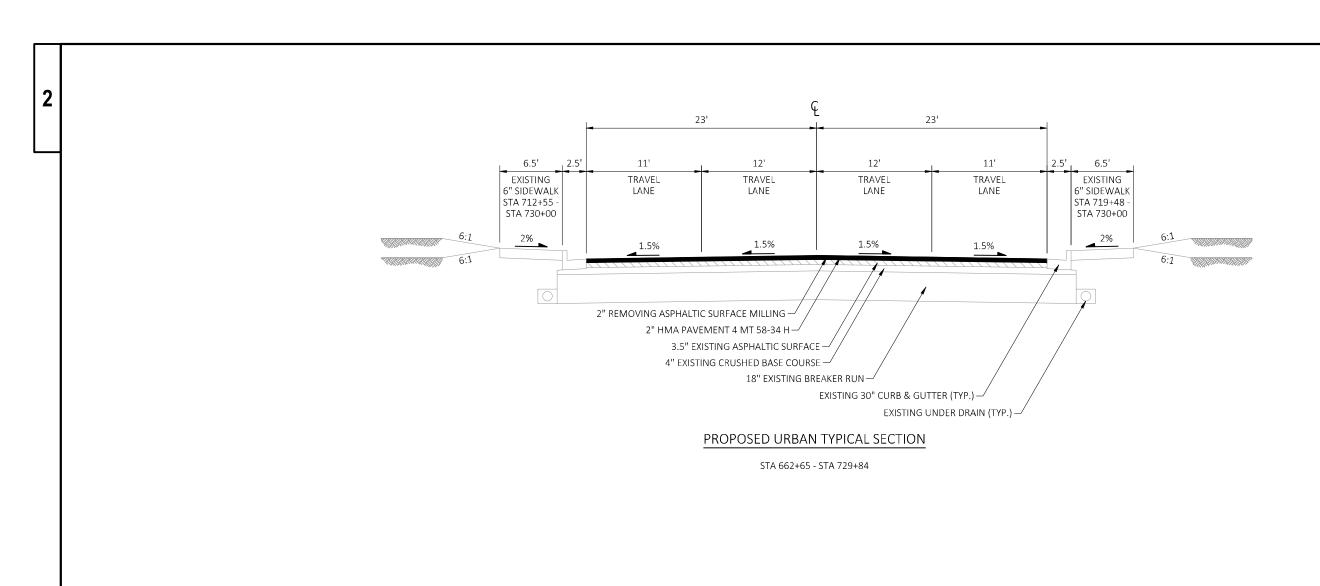
PROPOSED RURAL TYPICAL SECTION

STA 613+00 - STA 632+10



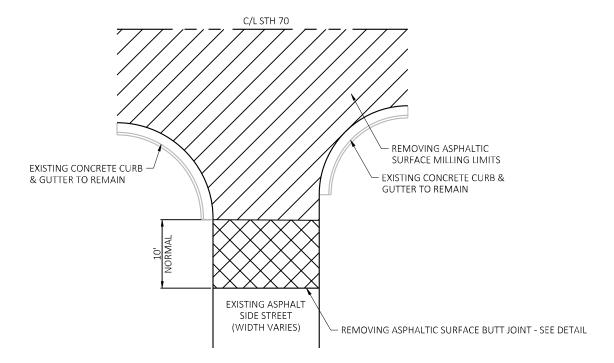
PROPOSED RURAL TYPICAL SECTION

STA 632+10 - STA 633+11 STA 634+15 - STA 662+65 2



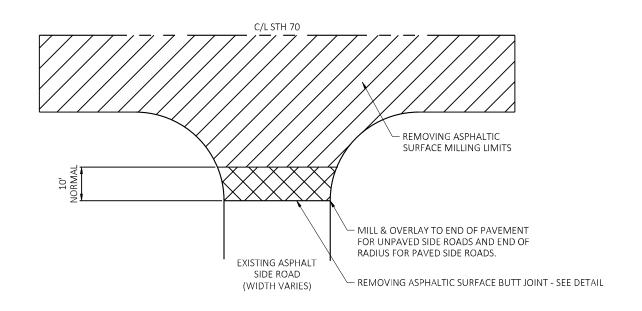
Ε HWY: STH 70 COUNTY: VILAS SHEET PROJECT NO: 9080-14-72 TYPICAL SECTIONS PLOT DATE : 7/27/2021 1:05 PM FILE NAME : G:\00\00093\00093522\CADD\SHEETSPLAN\020301-TS.DWG PLOT BY: SHAWN DOLENS PLOT NAME : PLOT SCALE : 1 IN:10 FT

2



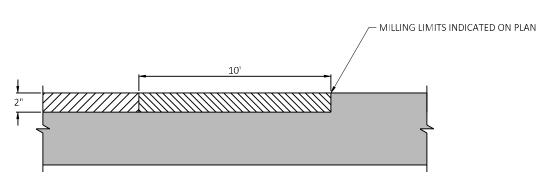
ASPHALTIC SURFACE SIDE ROAD DETAIL

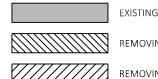
SIDE ROAD WITH CURB AND GUTTER



RURAL ASPHALTIC SURFACE SIDE ROAD DETAIL

SIDE ROAD WITH NO CURB AND GUTTER





EXISTING PAVEMENT TO REMAIN

REMOVING ASPHALTIC SURFACE BUTT JOINT

REMOVING ASPHALTIC SURFACE MILLING

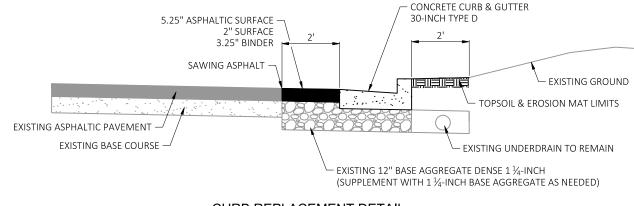
BUTT JOINT DETAIL

NOT TO SCALE
USE WHERE MILLING ABUTS PAVEMENT TO BE LEFT IN PLACE
EXACT LOCATIONS TO BE DETERMINED IN FIELD BY ENGINEER

PROJECT NO: 9080-14-72 HWY: STH 70 COUNTY: VILAS CONSTRUCTION DETAILS SHEET **E**

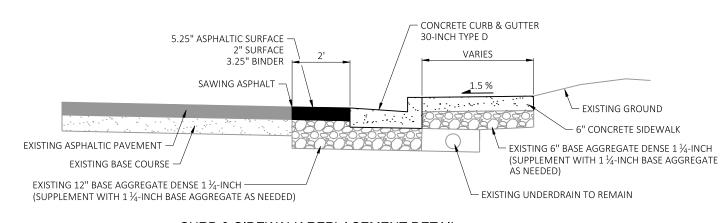
FILE NAME: G\(00\)00093\\00093522\\CADD\\SHEETSPLAN\\021001-CD.DWG \\ LAYOUT NAME - 021001-cd \\ PLOT BY: G\(00\)NAME: PLOT BY: COURTNEY ROOYAKKERS PLOT NAME: PLOT SCALE: 1 IN:10 FT WISDOT/CADDS SHEET 42





CURB REPLACEMENT DETAIL NOT TO SCALE

NOTE: CURB AND GUTTER GRADES SHALL MATCH THE EXISTING GRADES. THE ENGINEER MAY ADJUST TO PROMOTE DRAINAGE. THE CURB OPENINGS SHALL BE REPLACED AS IS EXCEPT FOR THE LOCATIONS LISTED BELOW SHALL BE REPLACED WITH FULL CURB HEAD THROUGH THE DRIVEWAY. (STA 667+50 RT, STA 677+00 RT, STA 678+00 LT, STA 692+00 LT, STA 709+50 LT, STA 711+90 LT).



CURB & SIDEWALK REPLACEMENT DETAIL

NOT TO SCALE NOTE: CURB AND GUTTER GRADES SHALL MATCH THE EXISTING GRADES. THE ENGINEER MAY ADJUST TO PROMOTE DRAINAGE. THE CURB OPENINGS SHALL BE REPLACED AS IS. PARK STREET INTERSECTION CURB RAMP REPLACEMENTS FOREST STREET INTERSECTION CURB RAMP REPLACEMENTS

SUNDSTEIN ROAD INTERSECTION CURB RAMP REPLACEMENTS

CONCRETE CURB & GUTTER 30-INCH TYPE D 5.25" ASPHALTIC SURFACE 2" SURFACE VARIES 3.25" BINDER SAWING ASPHALT **VARIES** - EXISTING GROUND - EXISTING 6" CONCRETE SIDEWALK EXISTING ASPHALTIC PAVEMENT (TO REMAIN) EXISTING BASE COURSE -EXISTING 6" BASE AGGREGATE DENSE 1 1/4-INCH EXISTING 12" BASE AGGREGATE DENSE 1 1/4-INCH -— EXISTING UNDERDRAIN TO REMAIN (SUPPLEMENT WITH 1 1/4-INCH BASE AGGREGATE AS NEEDED)

CURB REPLACEMENT WITHOUT FULL WIDTH SIDEWALK DETAIL

NOTE: CURB AND GUTTER GRADES SHALL MATCH THE EXISTING GRADES. THE ENGINEER MAY ADJUST TO PROMOTE DRAINAGE. THE CURB OPENINGS SHALL BE REPLACED AS IS. (AT LOCATIONS SHOWN IN PLANS BETWEEN STA 712+85 - STA 729+84 LT & STA 719+50 - STA 729+84 RT)

HWY: STH 70

COUNTY: VILAS

CONSTRUCTION DETAILS PLOT BY:

PLOT NAME :

PROTECTIVE THERMOPLASTIC COATING AT SNOWMOBILE TRAIL CROSSING

PREPARATION FOR PAVEMENT WIDENING FALLS UNDER

PREPARE FOUNDATION FOR ASPHALTIC SHOULDERS

ASPHALTIC SURFACE 4-INCHES

WISDOT/CADDS SHEET 42

PLOT DATE : 11/11/2021 11:35 AM DAVE KATZNER

PLOT SCALE:

9080-14-72 G:\00\00093\00093522\CADD\SHEETSPLAN\021001-CD.DWG FILE NAME :

PROJECT NO:

--- C/L STH 70 LANE EDGE EDGE OF PAVED SHOULDER EDGE OF GRAVEL SHOULDER 15'

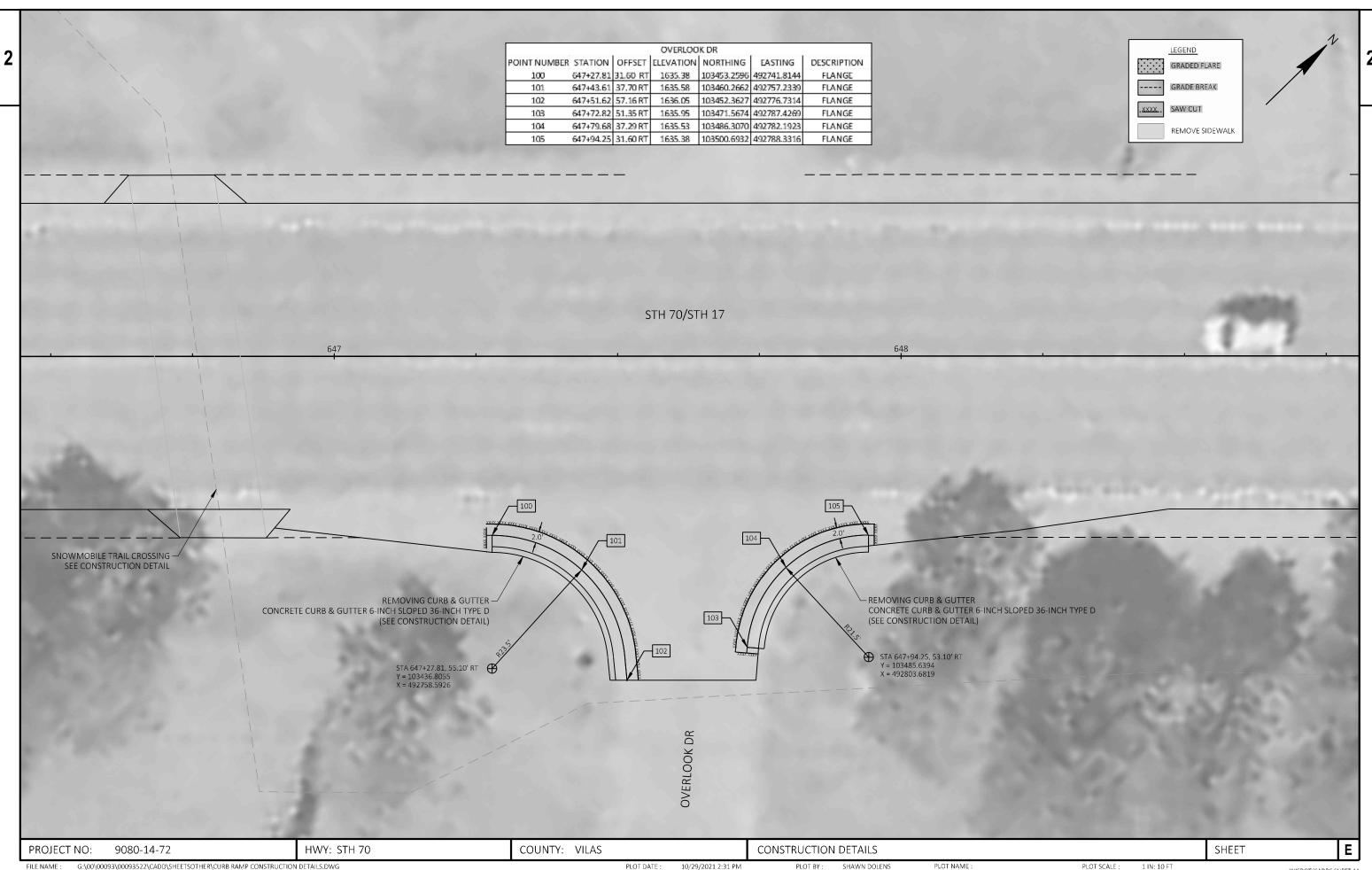
SNOWMOBILE TRAIL CROSSING WITH FULL WIDTH SHOULDERS AND PROTECTIVE COATING

STA 646+76

NOTE:

1 IN:10 FT

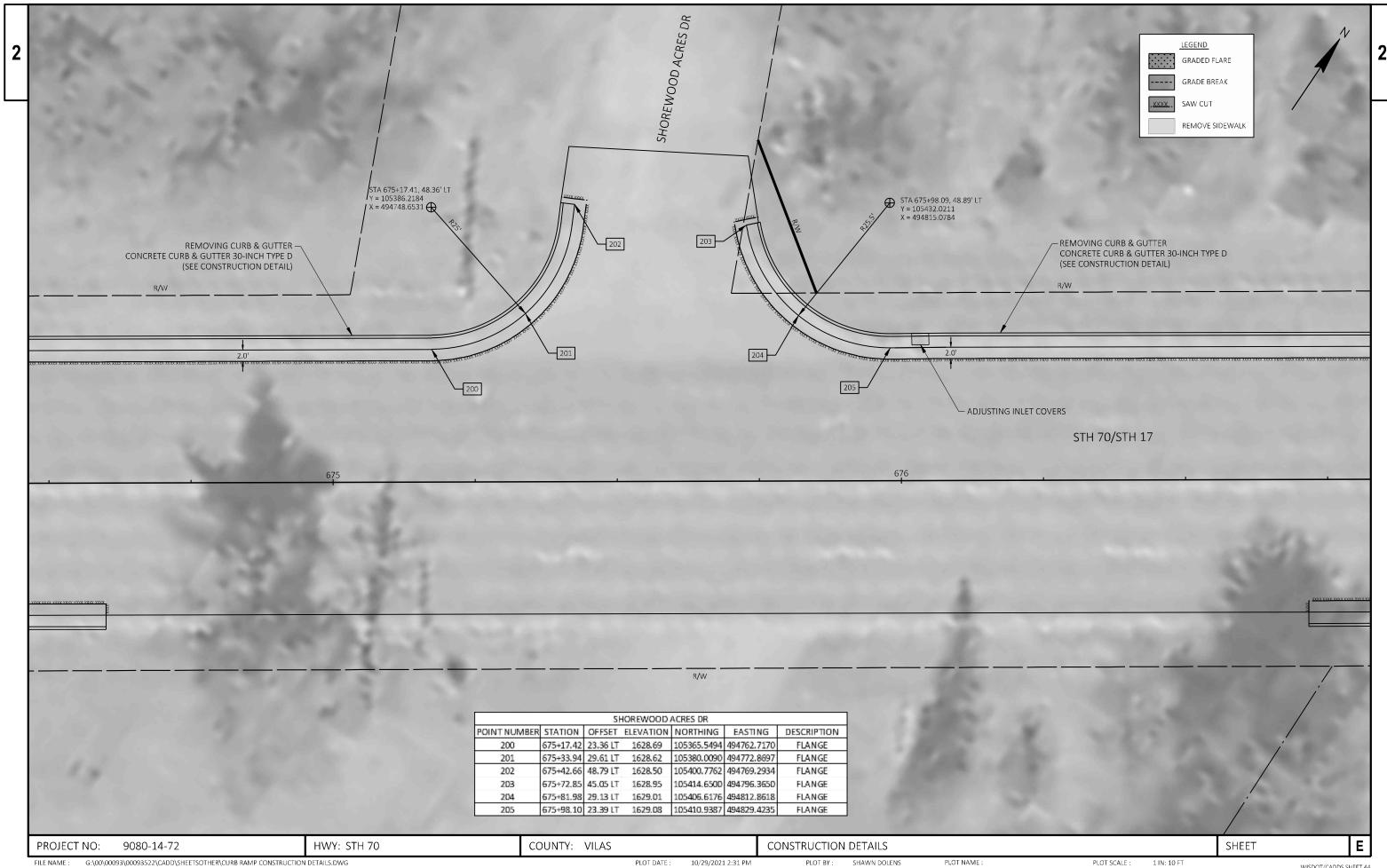
SHEET

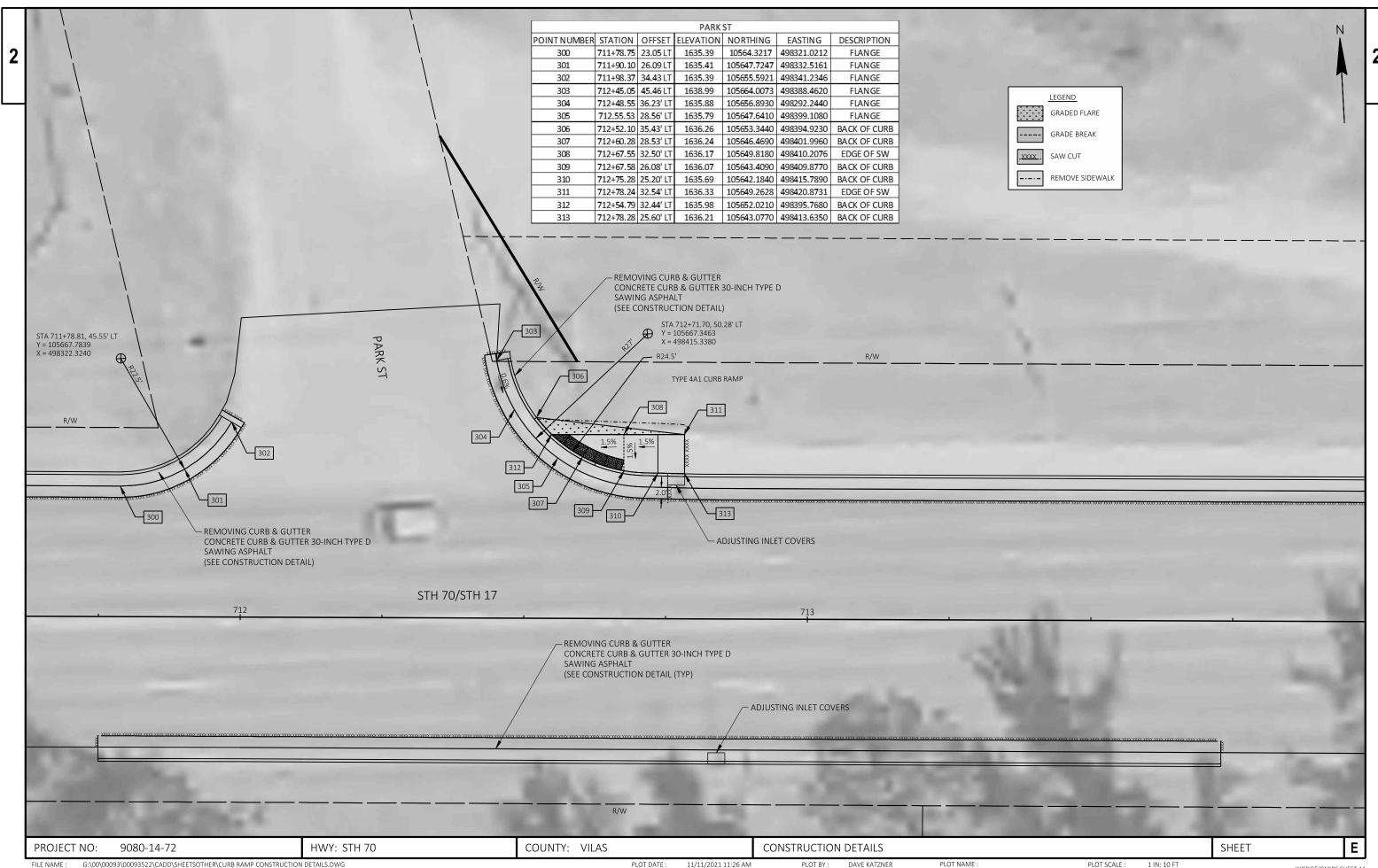


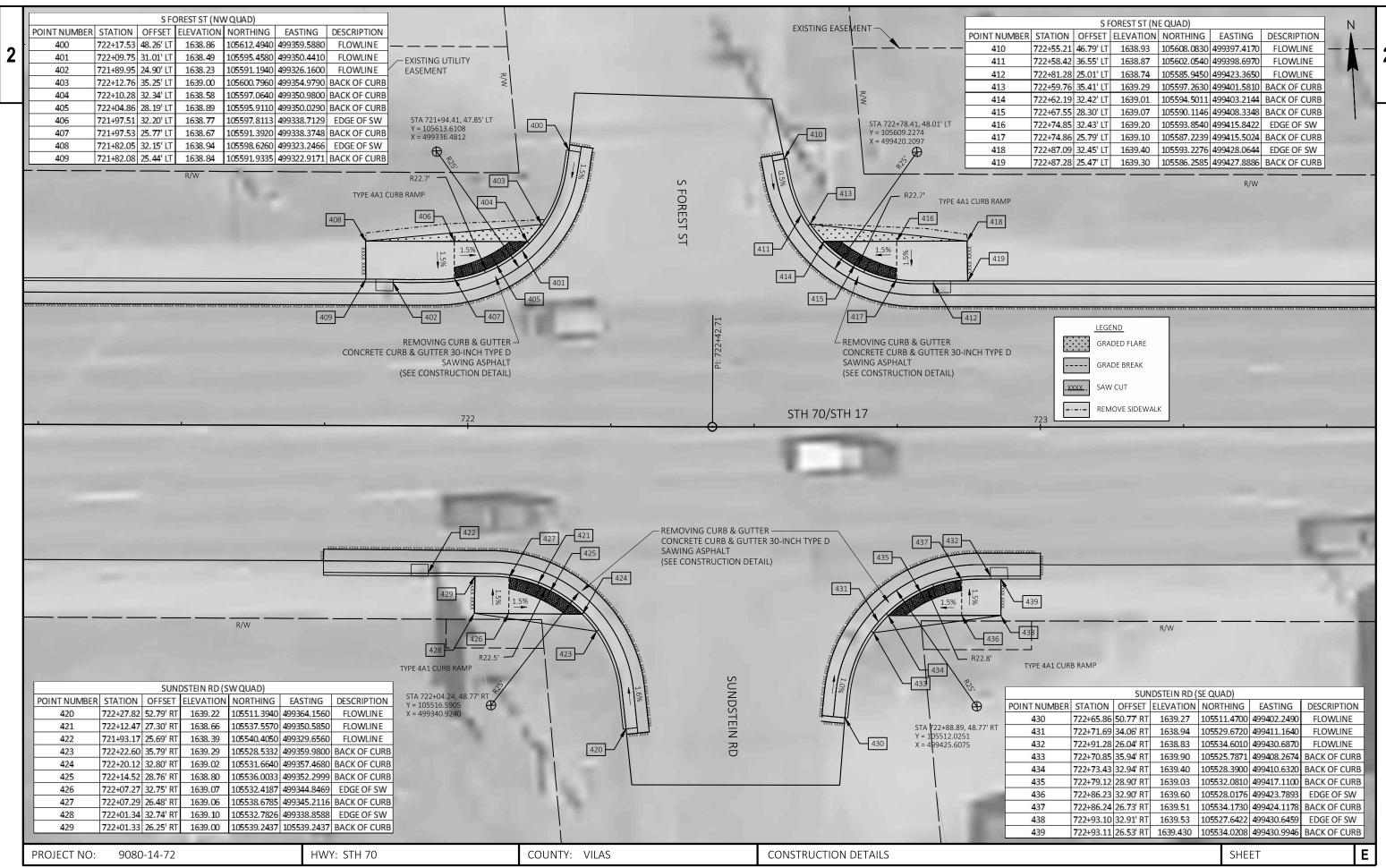
PLOT NAME :

PLOT SCALE :

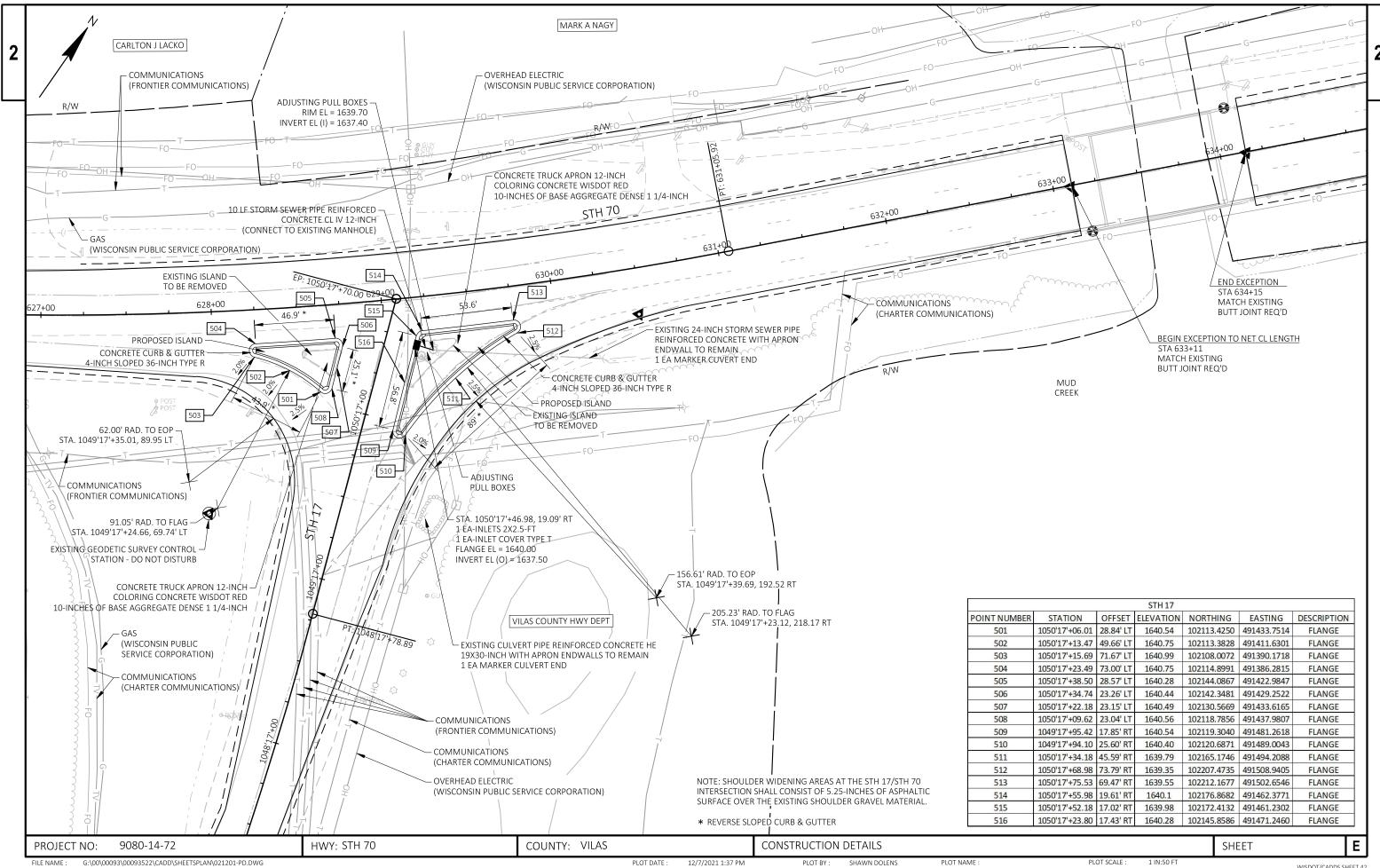
WISDOT/CADDS SHEET 44



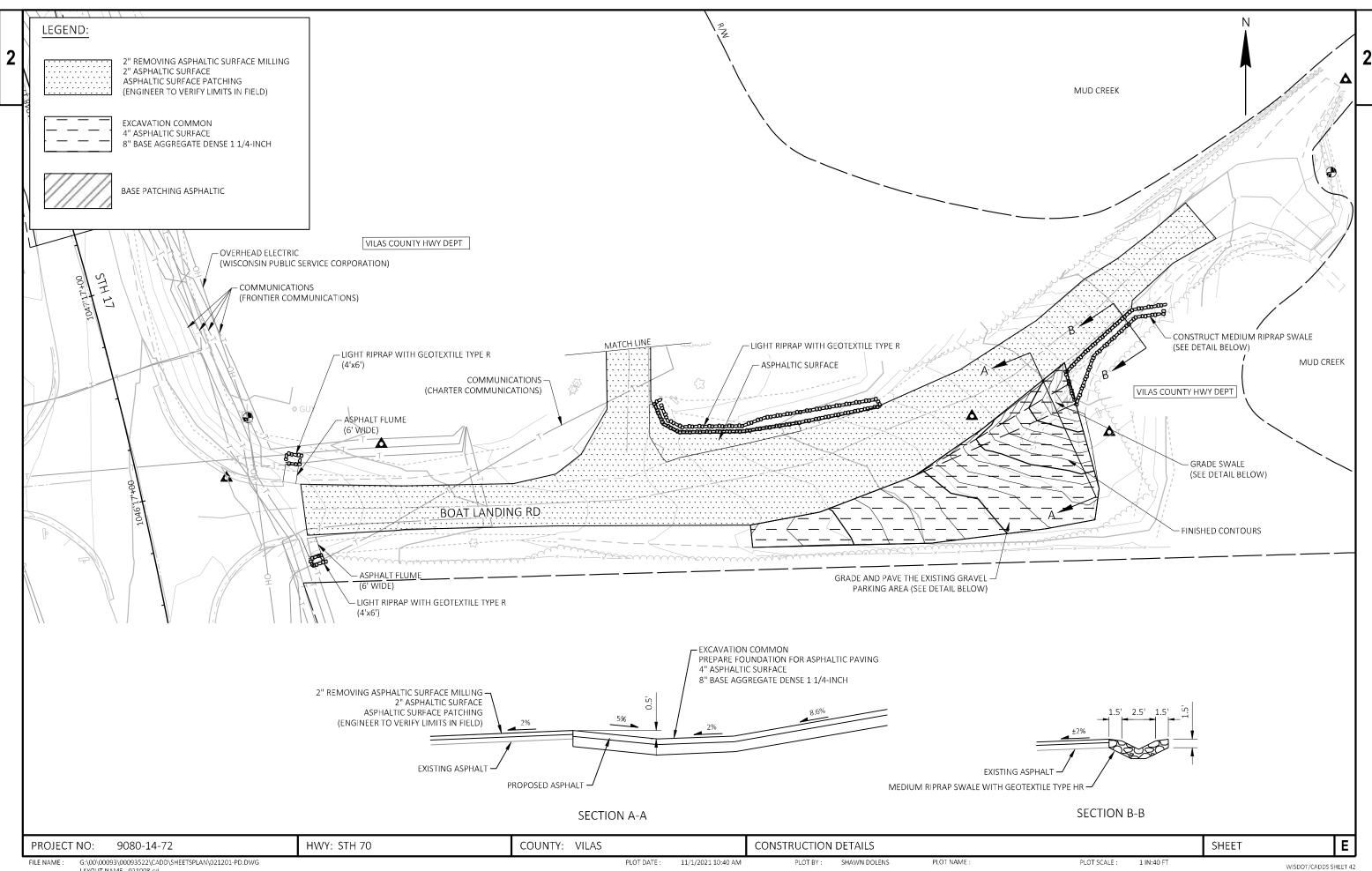




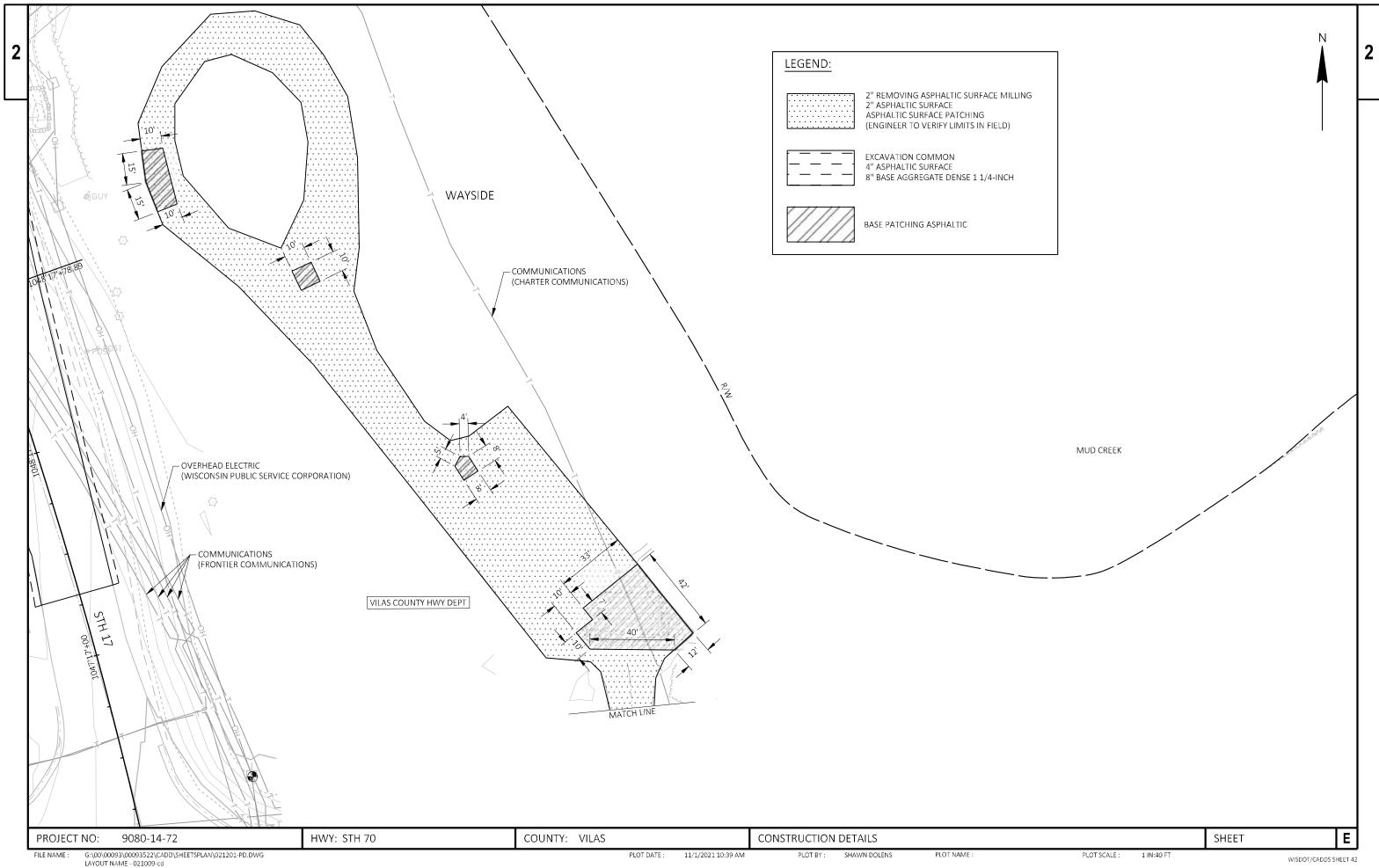
FILE NAME : G;\00\00093\00093522\CADD\\SHEETSOTHER\CURB RAMP CONSTRUCTION DETAILS.DWG PLOT DATE : 11/11/2021 11:26 AM PLOT BY : DAVE KATZNER PLOT NAME : PLOT SCALE : 1 IN: 10 FT WISDOT/CADDS SHEET 44 EXPOUT NAME - 021006-cd

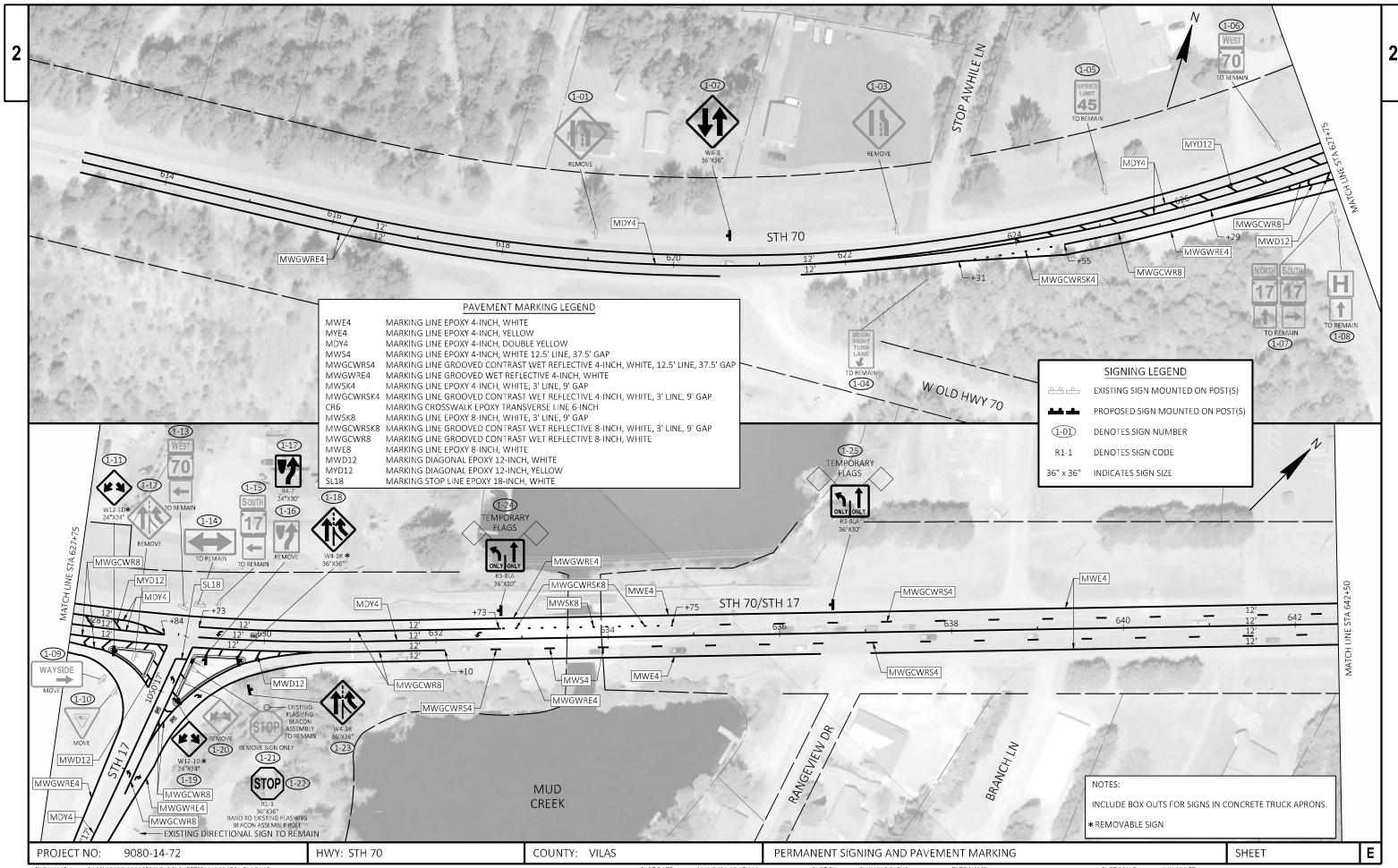


WISDOT/CADDS SHEET 42



LAYOUT NAME - 021008-cd

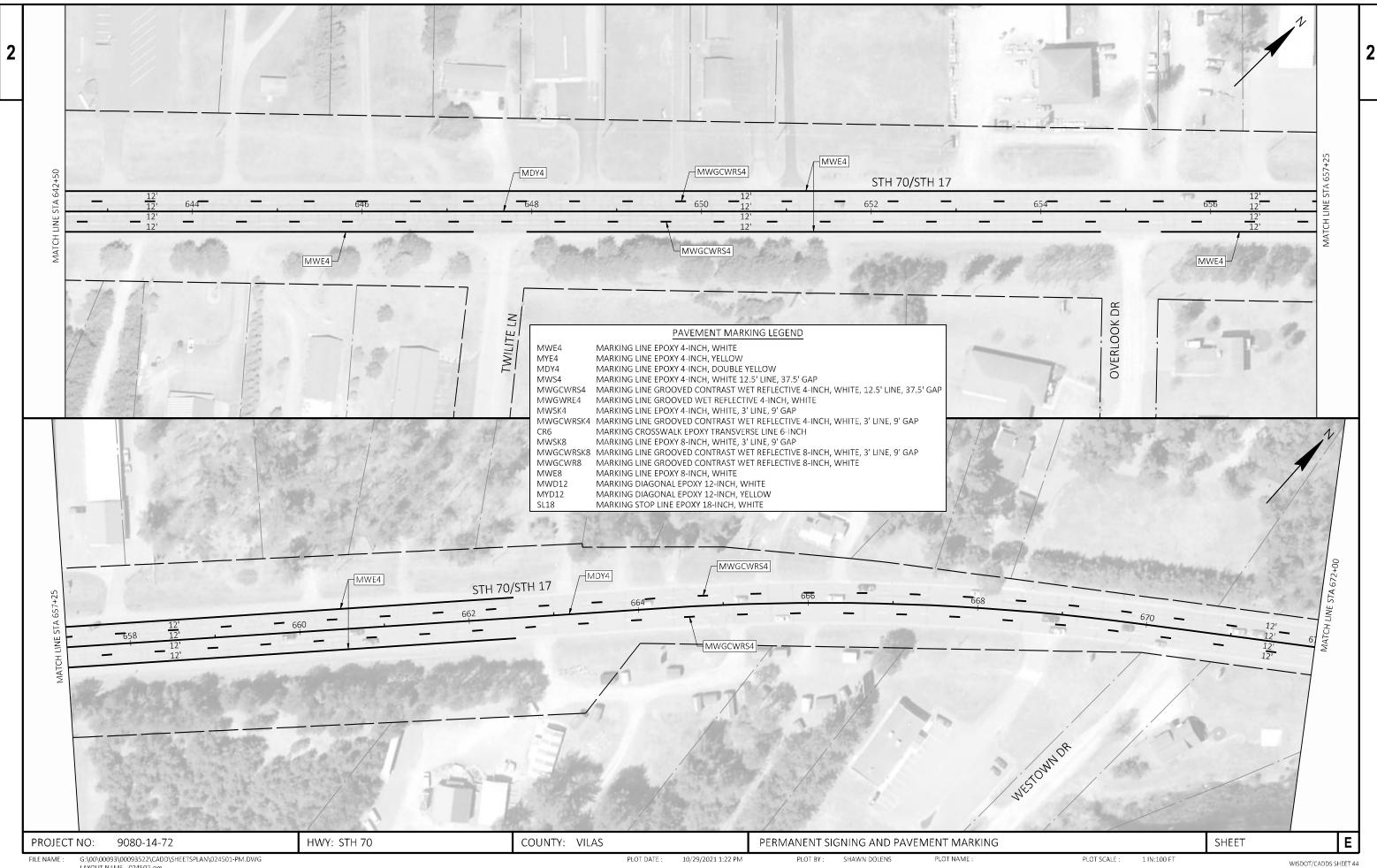




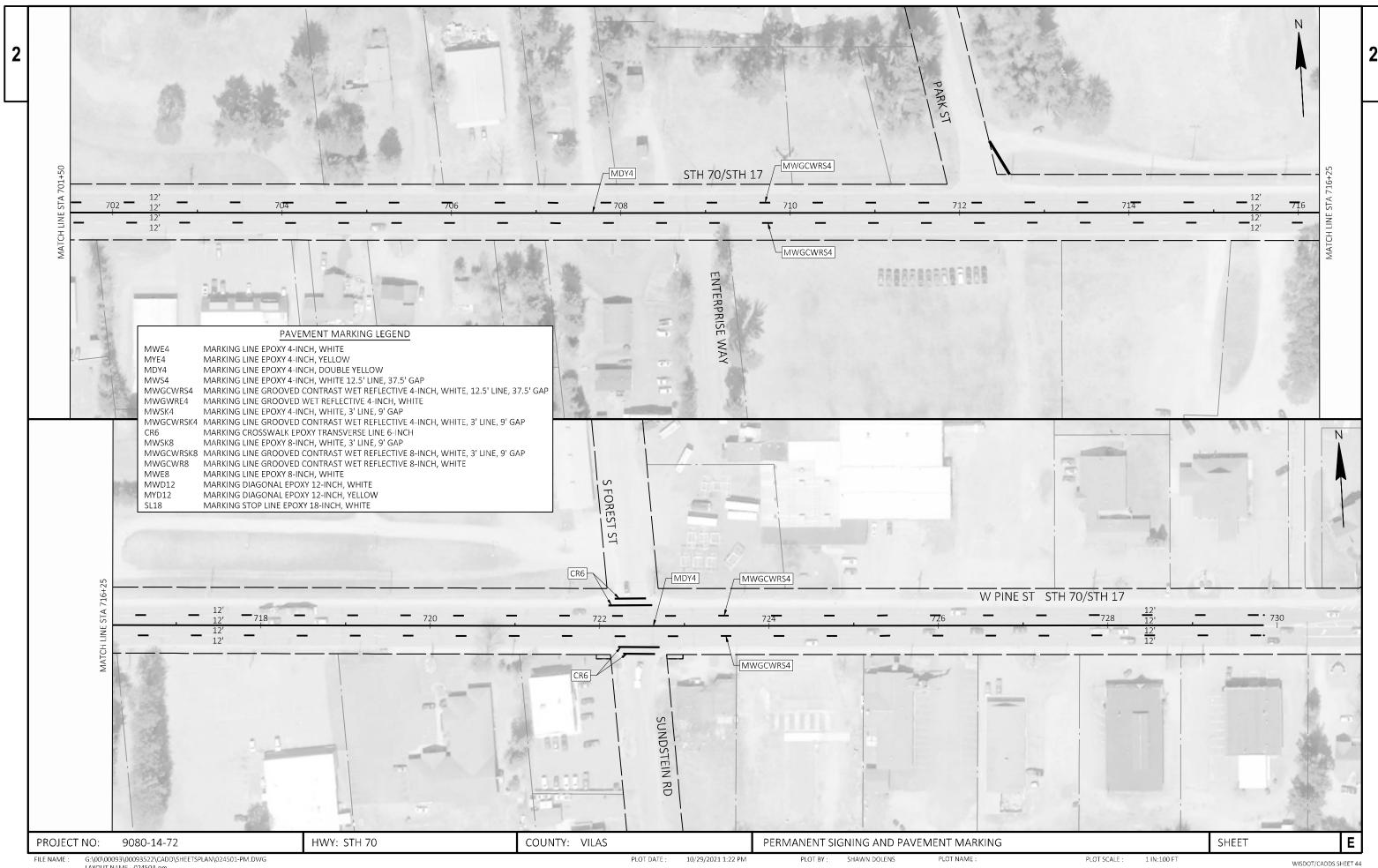
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LAYOUT NAME - 024501-pm\\

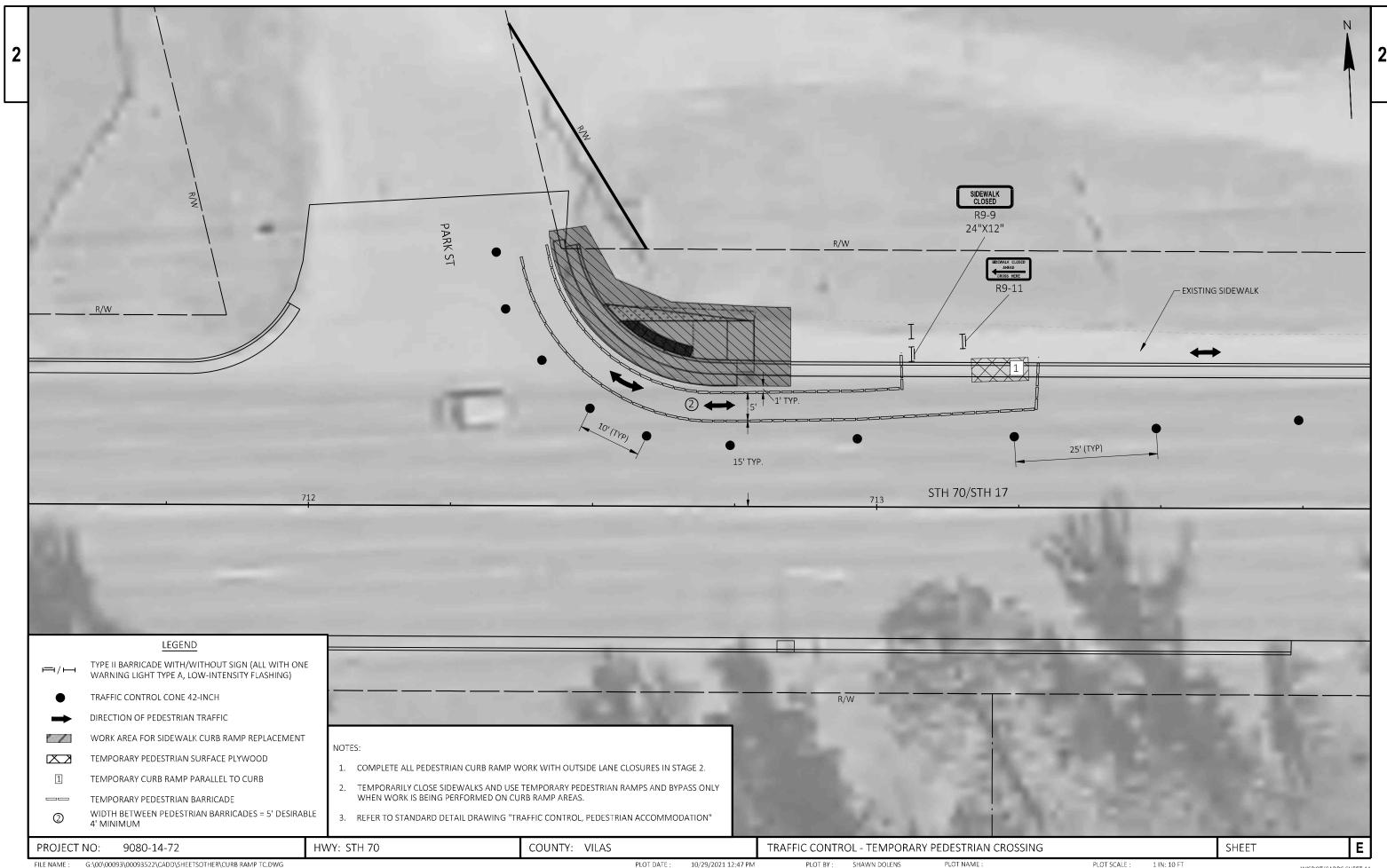
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LAYOUT NAME - 024501-pm\\

FILE NAME: G\(00\00093

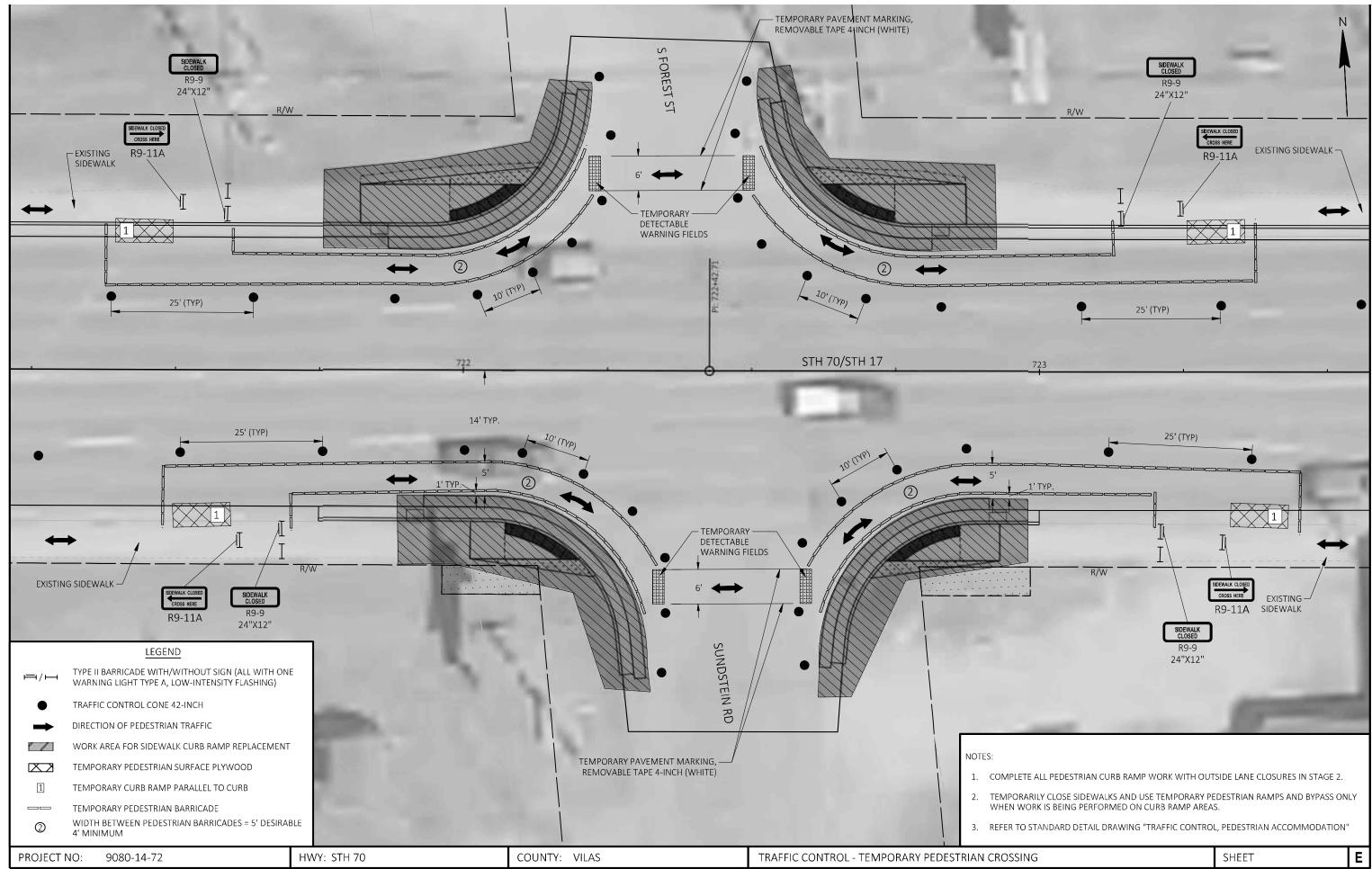




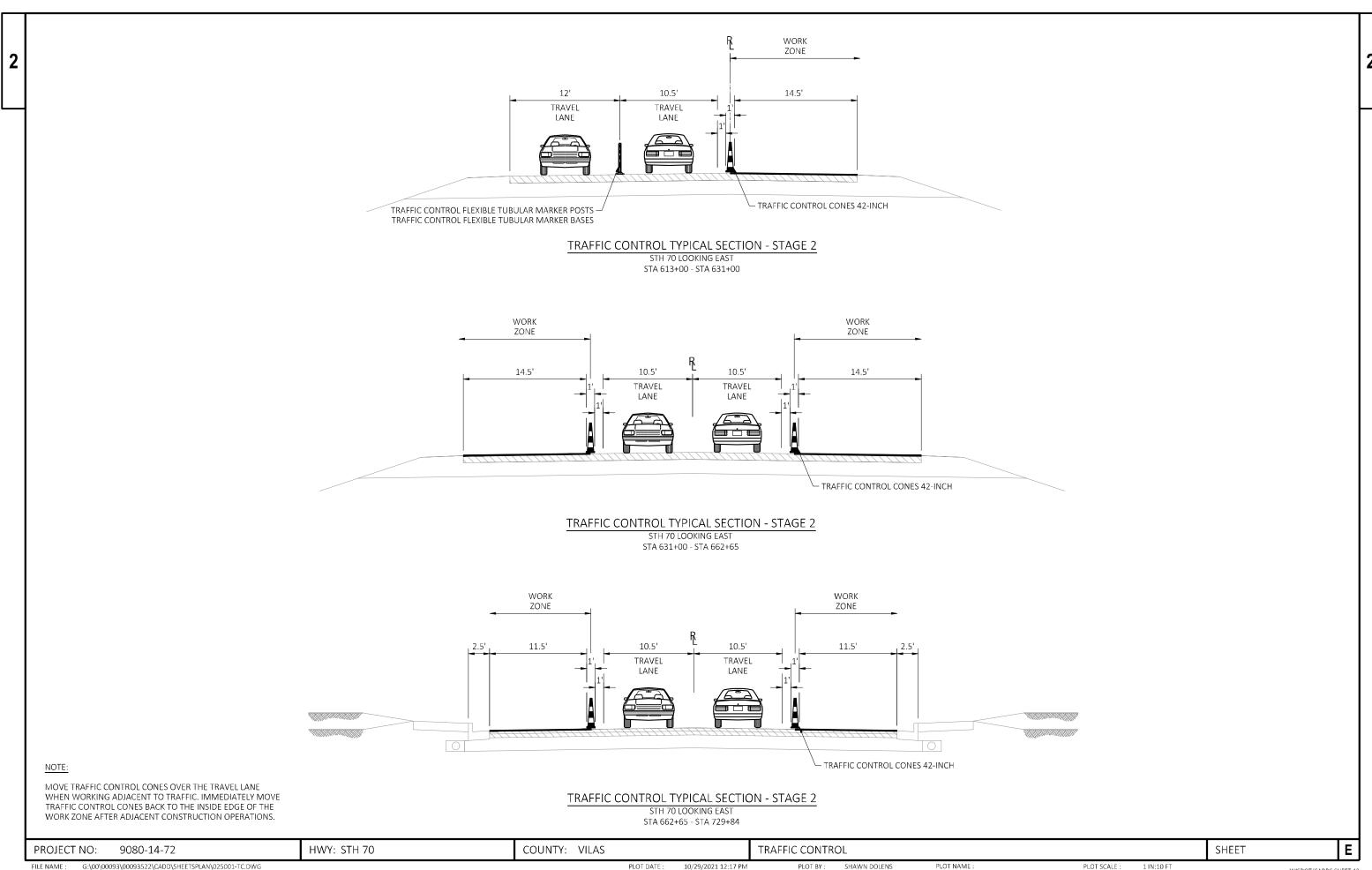


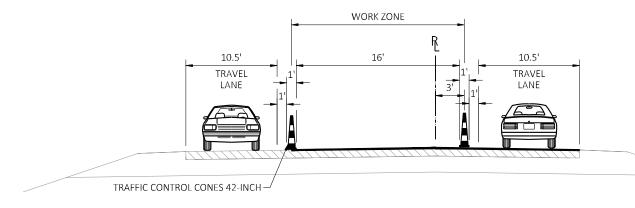


G:\00\00093\00093522\CADD\SHEETSOTHER\CURB RAMP TC.DWG PLOT DATE : 10/29/2021 12:47 PM PLOT BY: SHAWN DOLENS PLOT NAME : PLOT SCALE : 1 IN: 10 FT WISDOT/CADDS SHEET 44



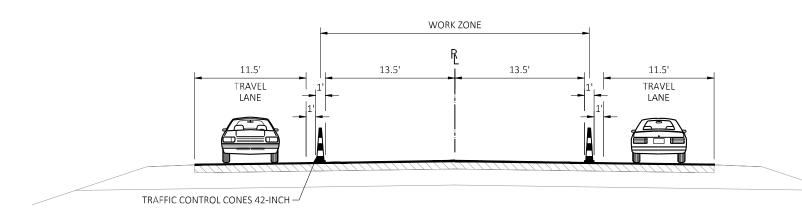
FILE NAME: G\(00\)00093\(000





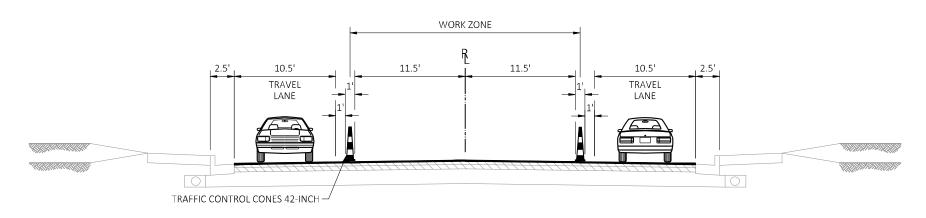
TRAFFIC CONTROL TYPICAL SECTION - STAGE 3A

STH 70 LOOKING EAST STA 613+00 - STA 631+00



TRAFFIC CONTROL TYPICAL SECTION - STAGE 3A

STH 70 LOOKING EAST STA 631+00 - STA 662+65



NOTE:

MOVE TRAFFIC CONTROL CONES OVER THE TRAVEL LANE WHEN WORKING ADJACENT TO TRAFFIC. IMMEDIATELY MOVE TRAFFIC CONTROL CONES BACK TO THE INSIDE EDGE OF THE WORK ZONE AFTER ADJACENT CONSTRUCTION OPERATIONS.

TRAFFIC CONTROL TYPICAL SECTION - STAGE 3A

STH 70 LOOKING EAST STA 662+65 - STA 729+84

PROJECT NO: 9080-14-72 HWY: STH 70 COUNTY: VILAS TRAFFIC CONTROL SHEET **E**

PLOT NAME :

PLOT SCALE :

1 IN:10 FT

WORK ZONE

3.5'

TRAVEL J2

TRAVEL LANE

TRAVEL LANE

TRAVEL CONTROL CONES 42-INCH

TRAFFIC CONTROL TYPICAL SECTION. STAGE 2P.

TRAFFIC CONTROL TYPICAL SECTION - STAGE 3B

STH 70 LOOKING EAST STA 613+00 - STA 631+00

NOTE:

FILE NAME :

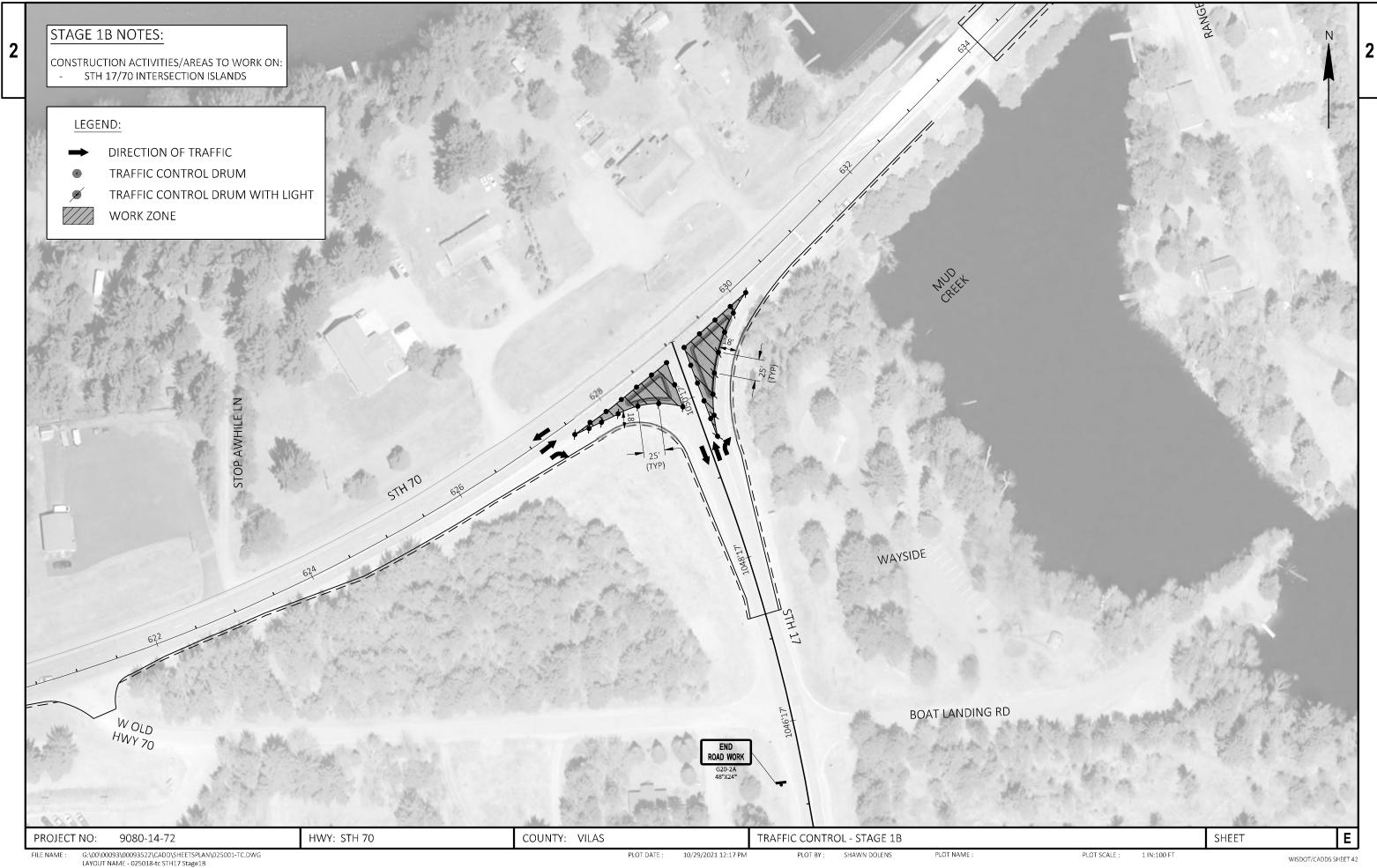
MOVE TRAFFIC CONTROL CONES OVER THE TRAVEL LANE WHEN WORKING ADJACENT TO TRAFFIC. IMMEDIATELY MOVE TRAFFIC CONTROL CONES BACK TO THE INSIDE EDGE OF THE WORK ZONE AFTER ADJACENT CONSTRUCTION OPERATIONS.

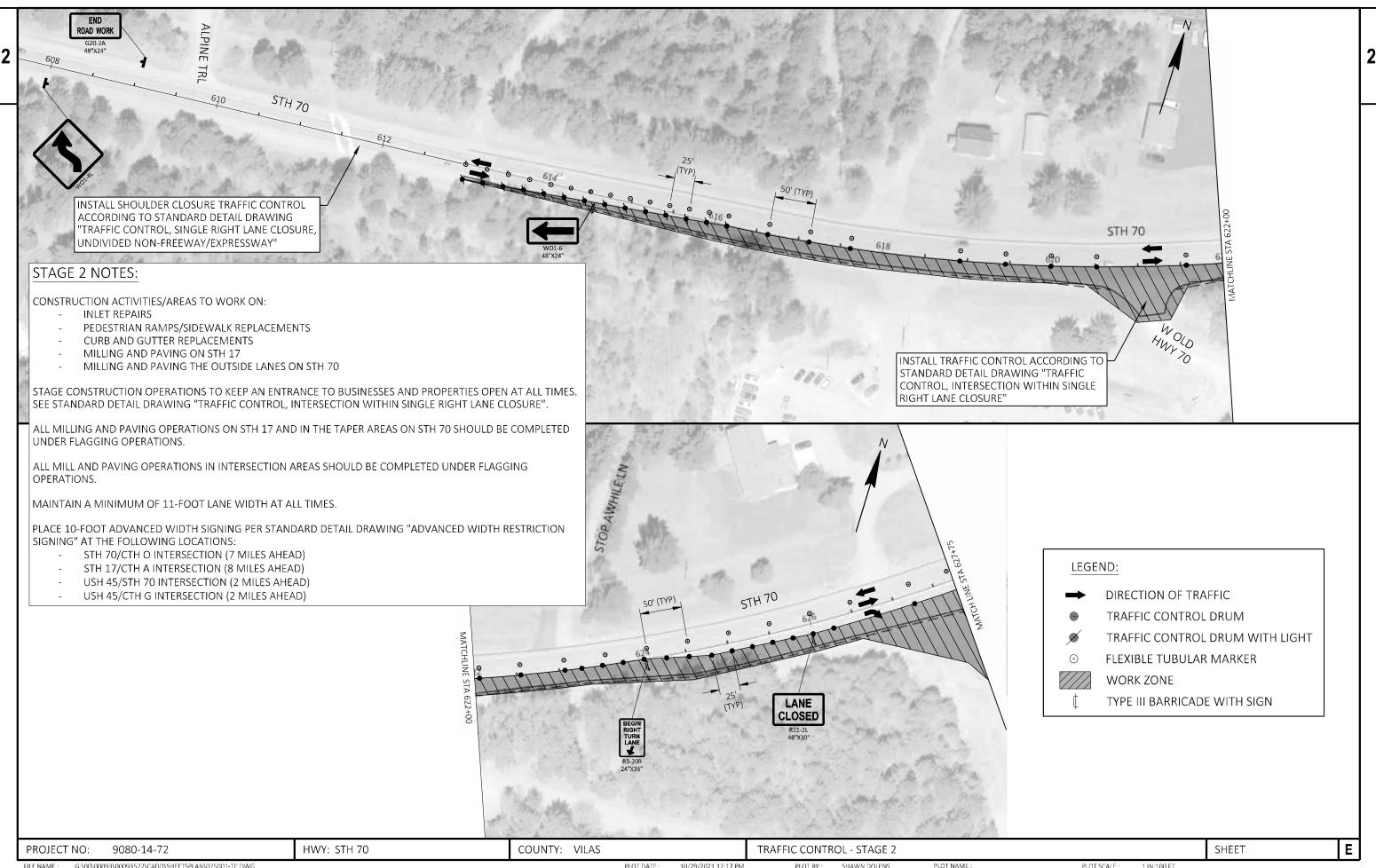
PROJECT NO: 9080-14-72 HWY: STH 70 COUNTY: VILAS TRAFFIC CONTROL SHEET **E**

G:\00\00093\00093522\CADD\SHEETSPLAN\025001-TC.DWG LAYOUT NAME - 025005-tc Typ Section - Urban

1 IN:10 FT

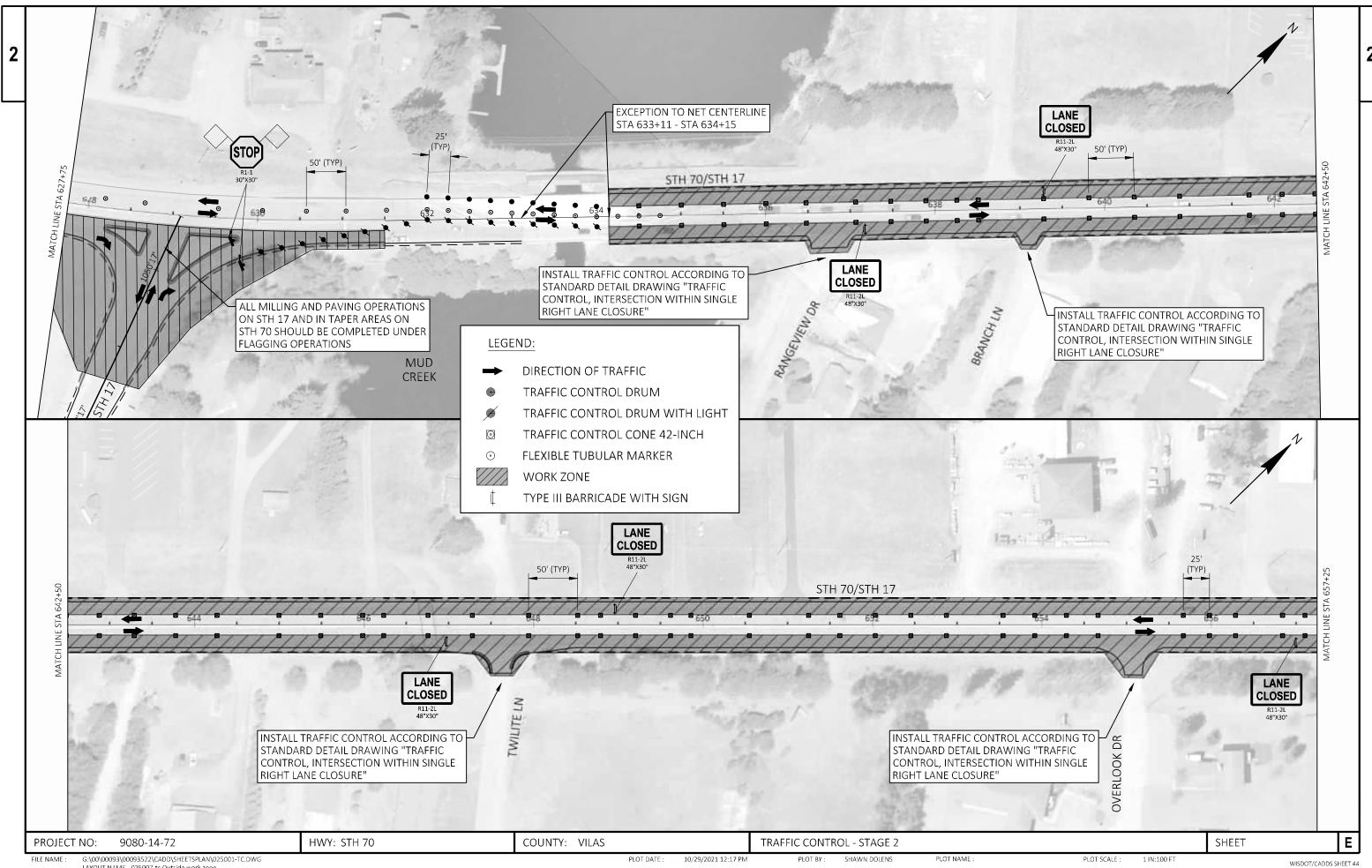
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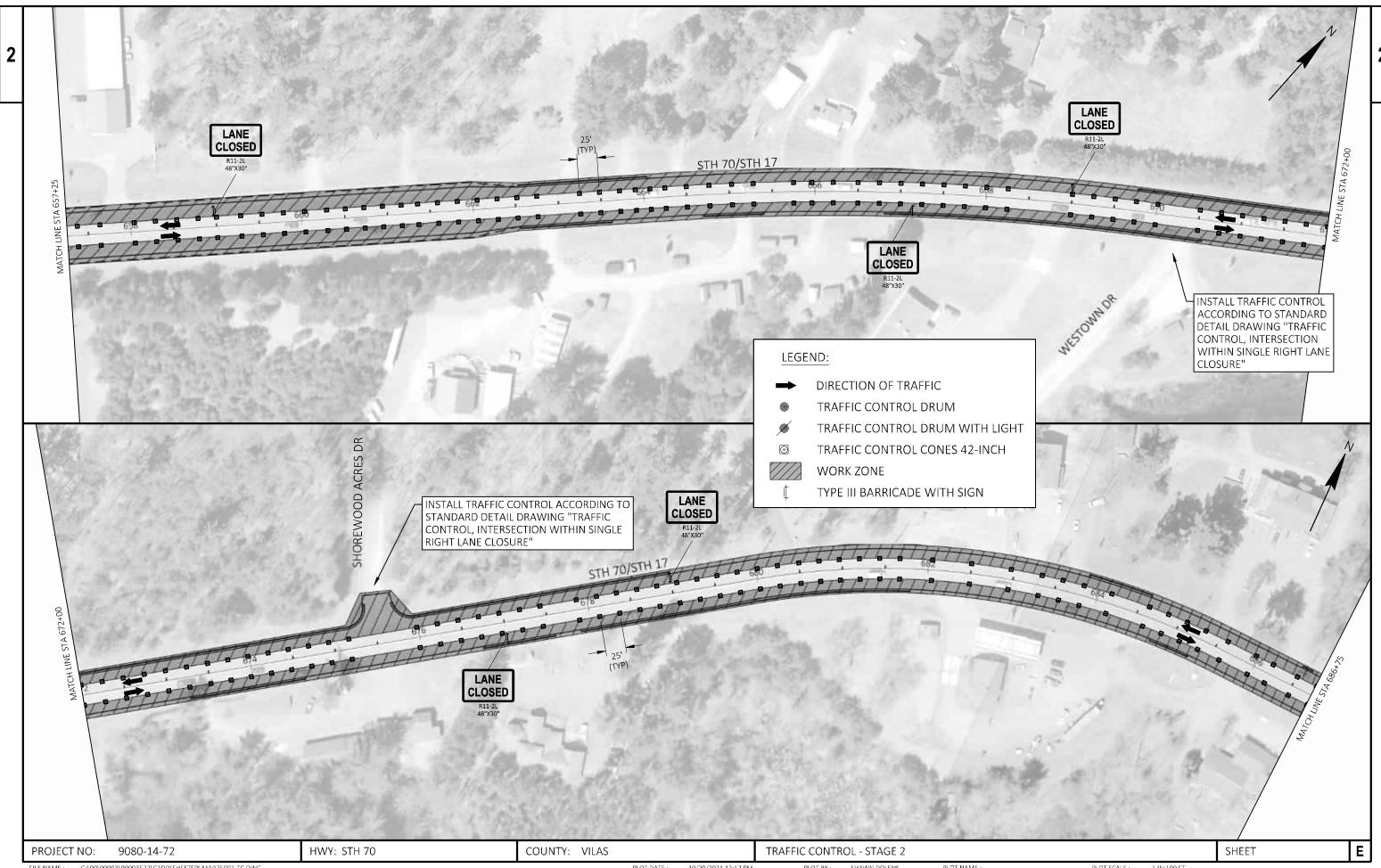


G:\00\00093\00093\$22\CADD\\SHEETSPLAN\025001-TC.DWG PLOT DATE: 10/29/2021 12:17 PM PLOT BY: SHAWN DOLENS PLOT NAME: 1 IN:100 FT WISDOT/CADDS SHEET 44

LAYOUT NAME - 025006-tc Outside work zone ab

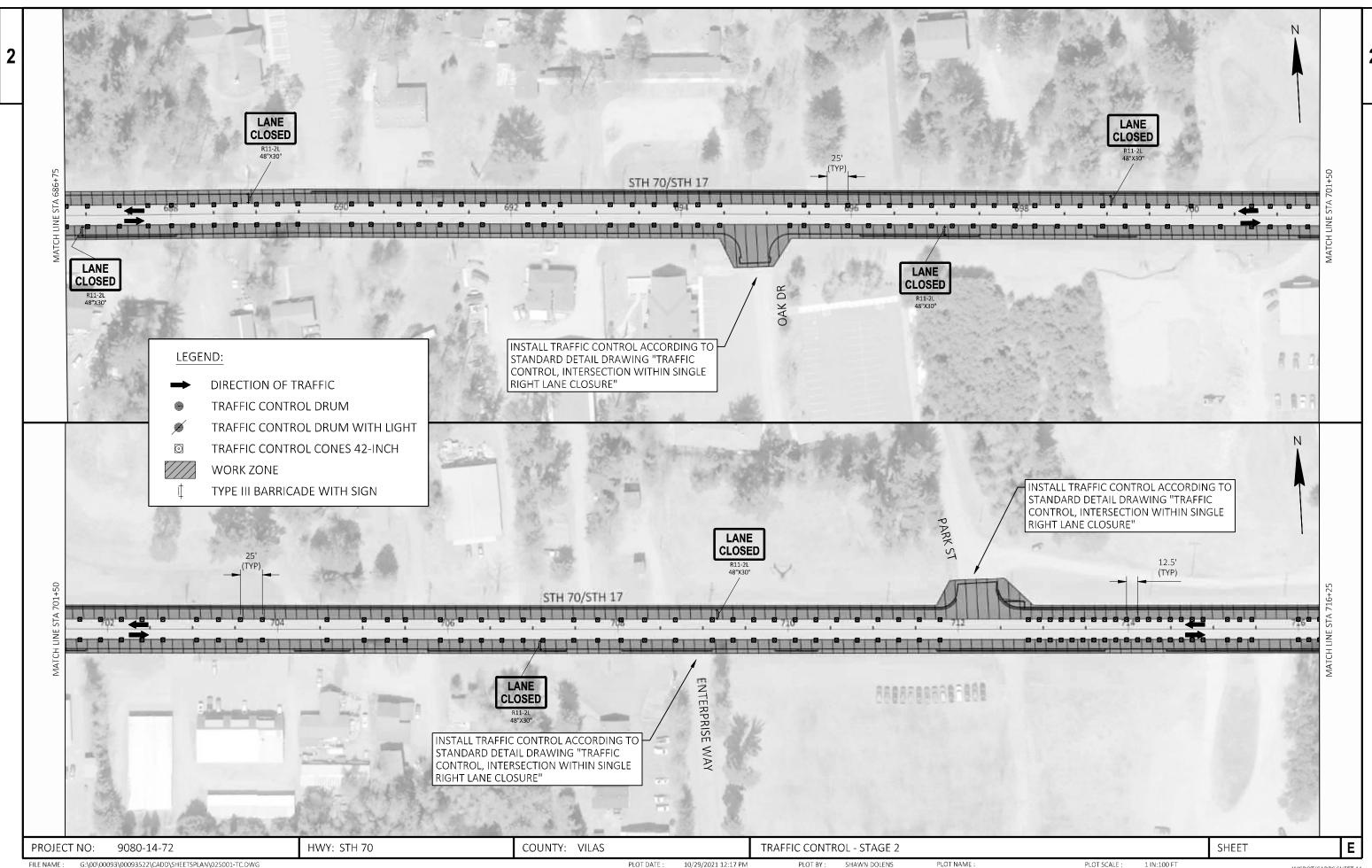


LAYOUT NAME - 025007-tc Outside work zone

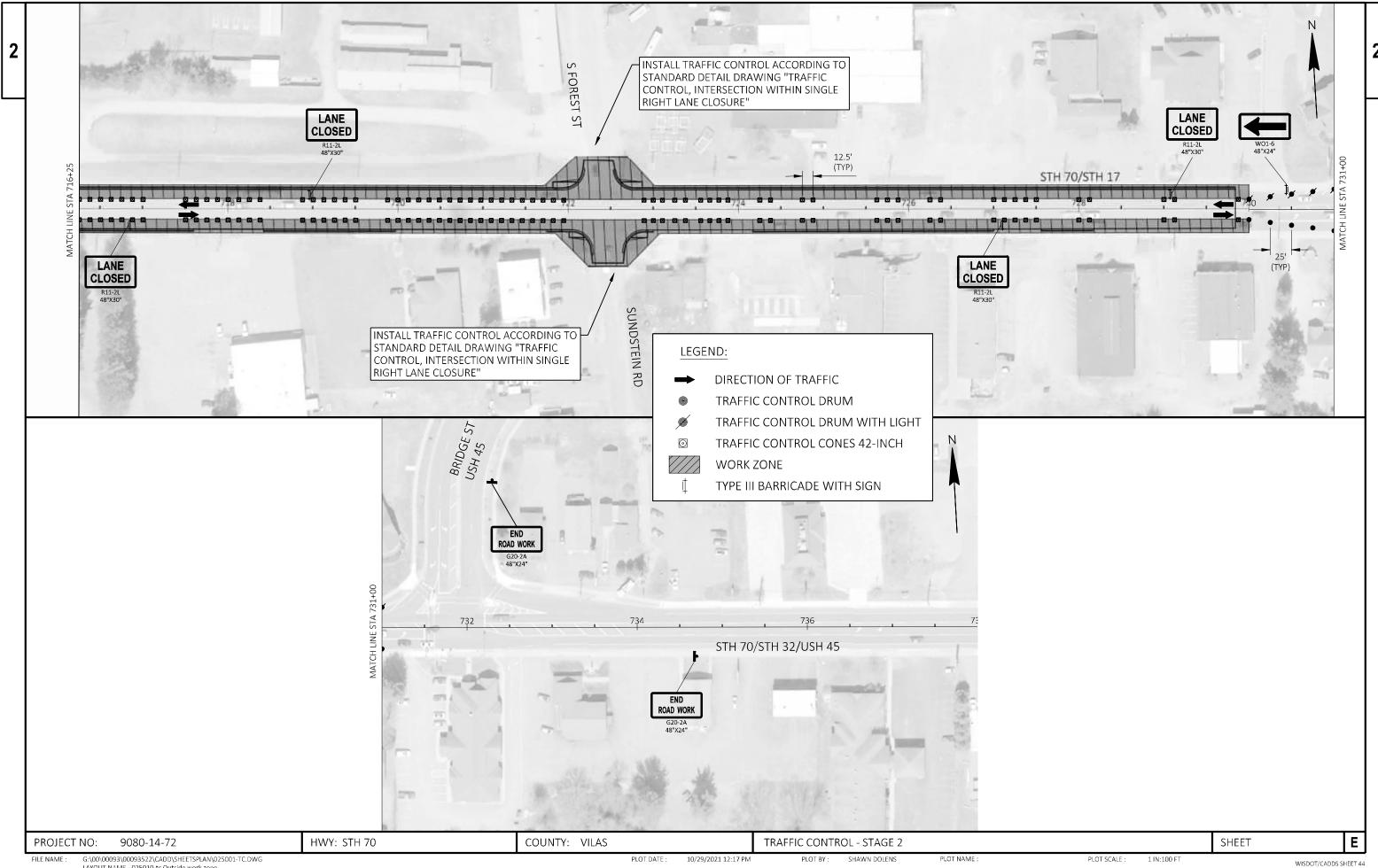


FILE NAME : G:\00\00093\00093\$22\CADD\\SHEETSPLAN\\025001-TC.DWG PLOT DATE : 10/29/2021 12:17 PM PLOT BY: SHAWN DOLENS PLOT NAME : 1 IN:100 FT WISDOT/CADDS SHEET 44

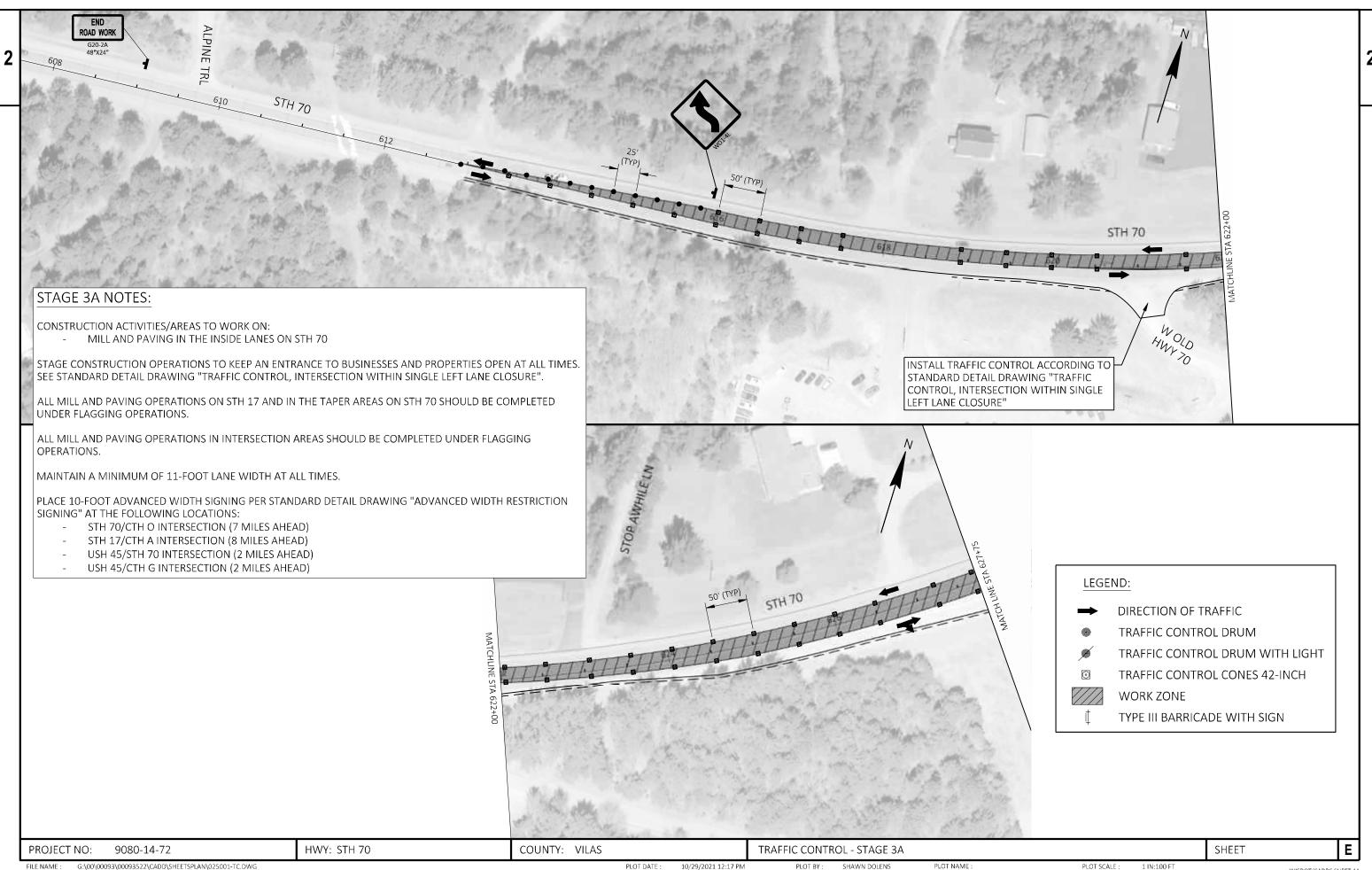
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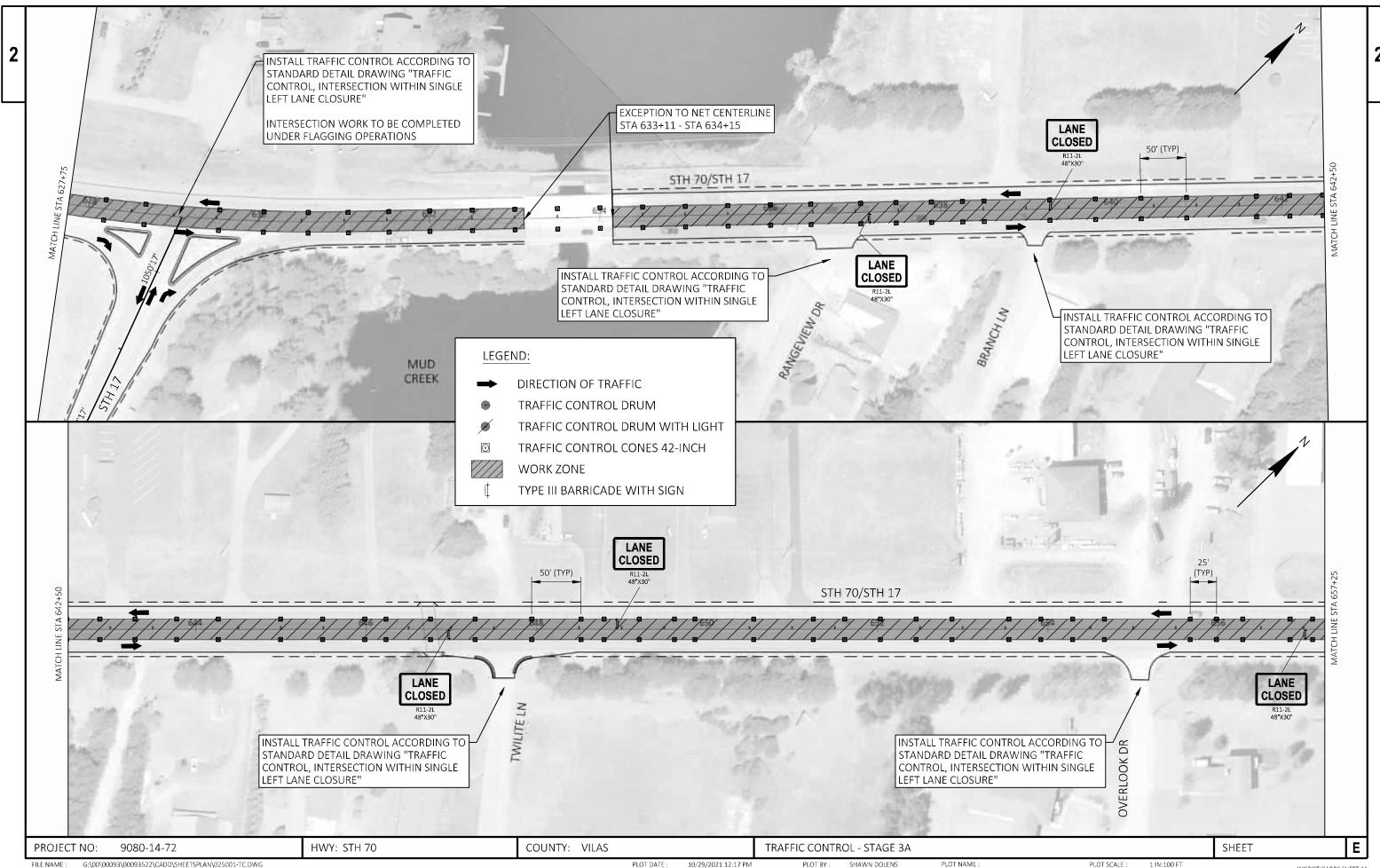
SHAWN DOLENS G:\00\00093\00093522\CADD\SHEETSPLAN\025001-TC.DWG PLOT BY: PLOT NAME : 10/29/2021 12:17 PM PLOT SCALE : 1 IN:100 FT WISDOT/CADDS SHEET 44 LAYOUT NAME - 025009-tc Outside work zone



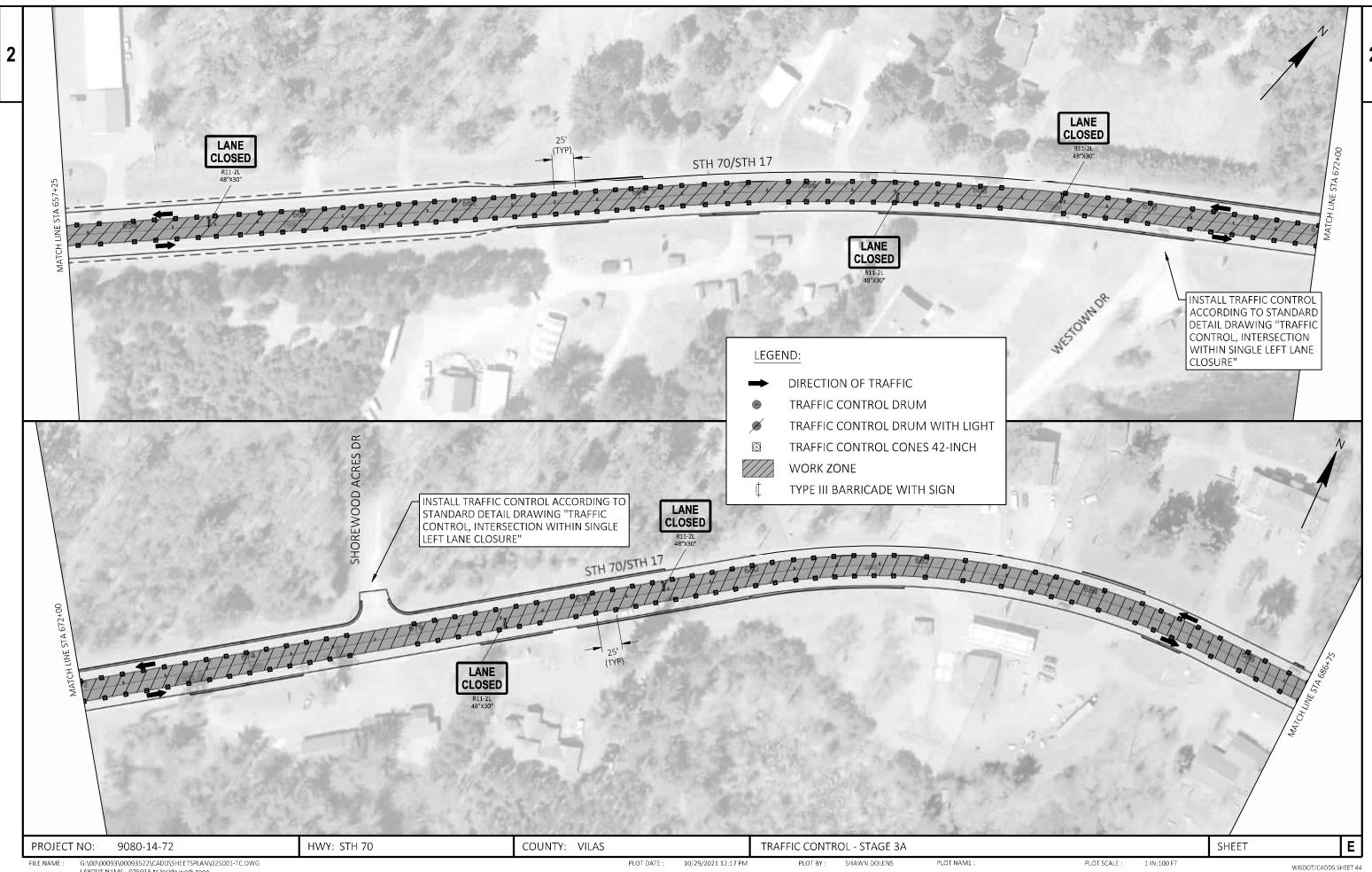
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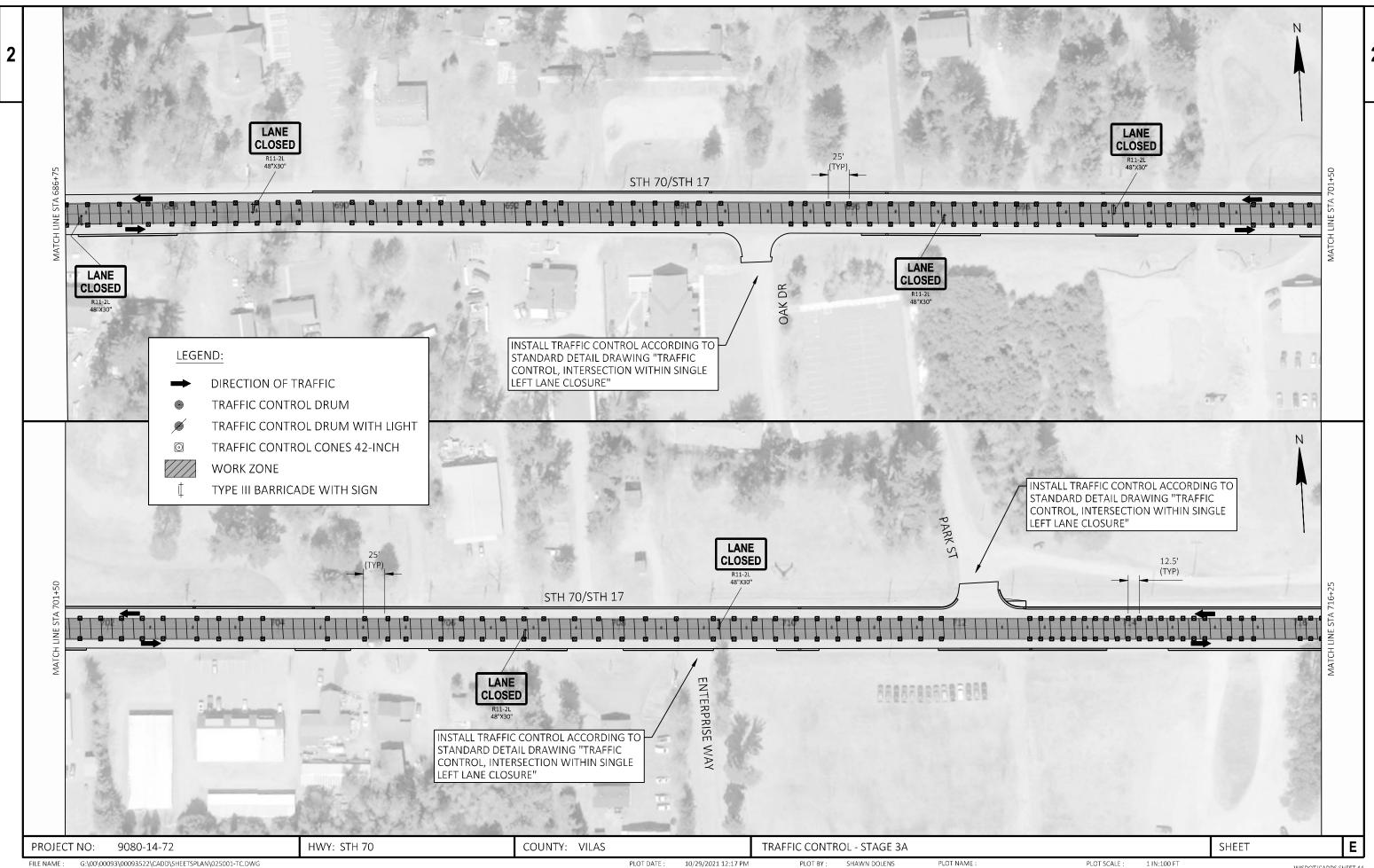
WISDOT/CADDS SHEET 44



LAYOUT NAME - 025012-tc Inside work zone



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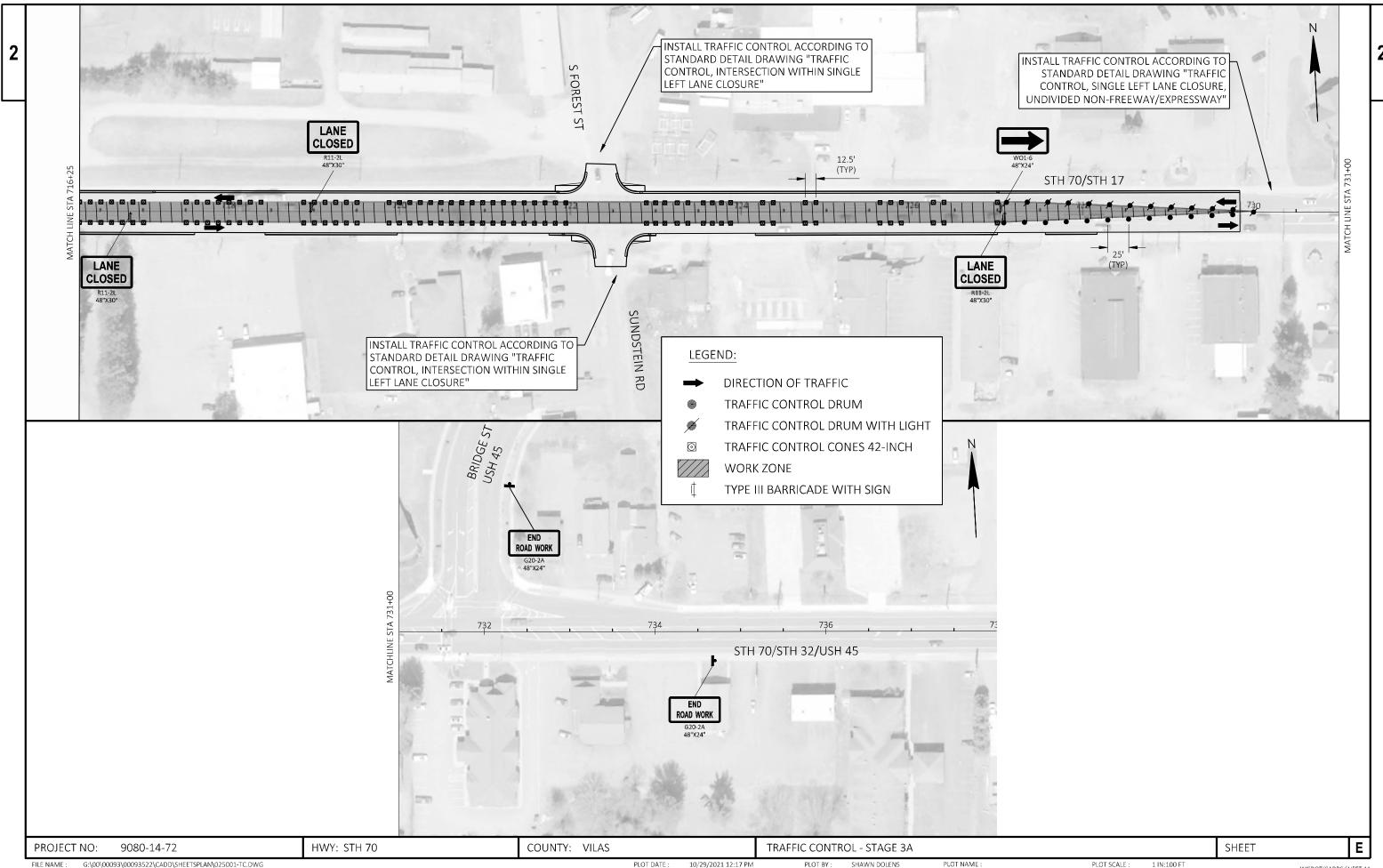


LAYOUT NAME - 025014-tc Inside work zone

PLOT BY:

1 IN:100 FT

WISDOT/CADDS SHEET 44

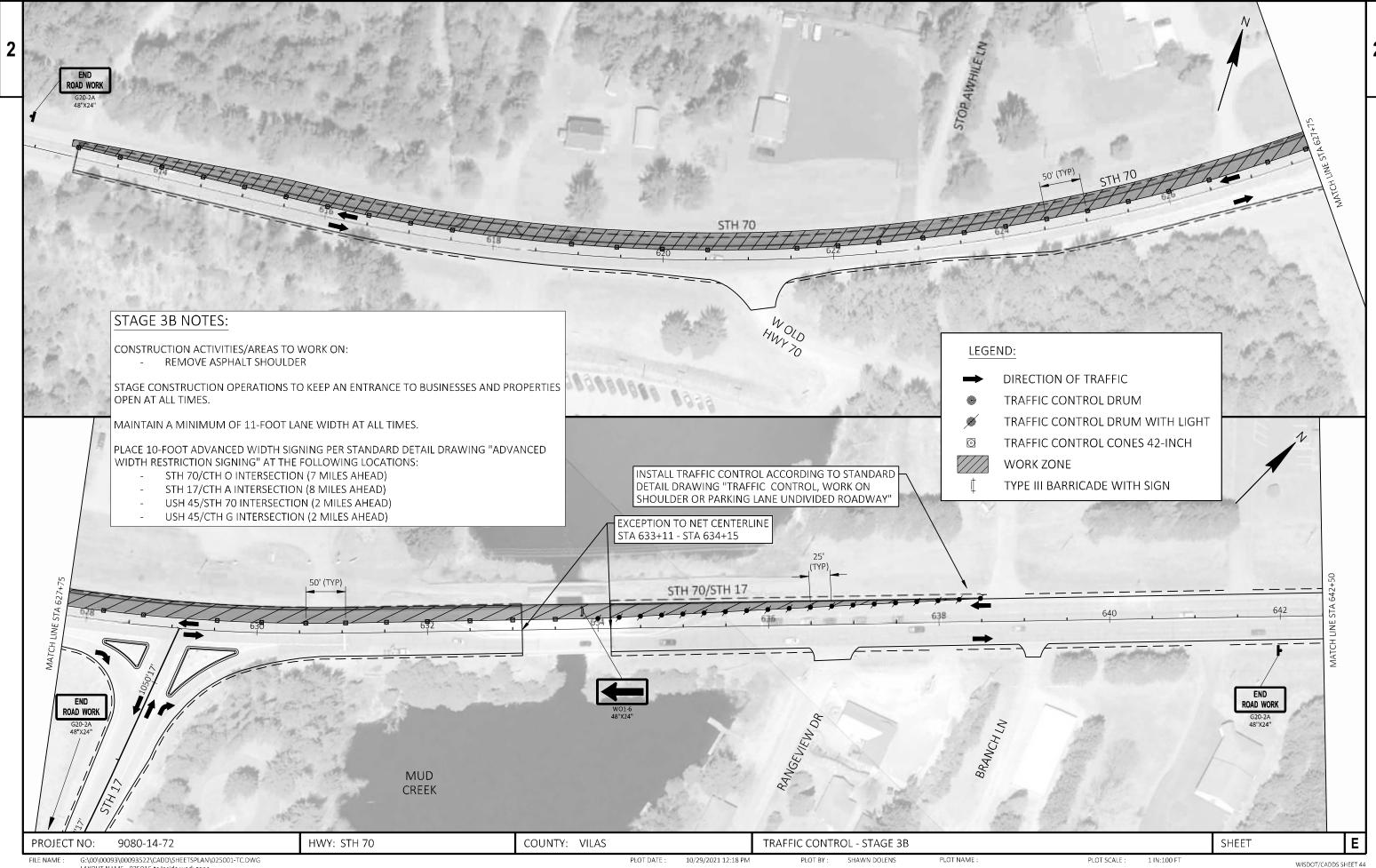


FILE NAME : LAYOUT NAME - 025015-tc Inside work zone

PLOT NAME :

PLOT SCALE :

WISDOT/CADDS SHEET 44



G:\00\00093\00093522\CADD\SHEETSPLAN\025001-TC.DWG PLOT DATE : 10/29/2021 12:18 PM PLOT BY: SHAWN DOLENS PLOT NAME : PLOT SCALE :

| 9080-14-72 | | | | | |
|------------|--------|----|-----|-----|----|
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| | | | | | 9080-14-72 | |
|------|----------|---|------|------------|------------|--|
| Line | Item | Item Description | Unit | Total | Qty | |
| 0002 | 204.0110 | Removing Asphaltic Surface | SY | 4,027.000 | 4,027.000 | |
| 0004 | 204.0115 | Removing Asphaltic Surface Butt Joints | SY | 876.000 | 876.000 | |
| 0006 | 204.0120 | Removing Asphaltic Surface Milling | SY | 71,247.000 | 71,247.000 | |
| 8000 | 204.0150 | Removing Curb & Gutter | LF | 8,975.000 | 8,975.000 | |
| 0010 | 204.0155 | Removing Concrete Sidewalk | SY | 112.000 | 112.000 | |
| 0012 | 204.0215 | Removing Catch Basins | EACH | 1.000 | 1.000 | |
| 0014 | 204.0245 | Removing Storm Sewer (size) 01. 18-Inch | LF | 3.000 | 3.000 | |
| 0016 | 205.0100 | Excavation Common | CY | 513.000 | 513.000 | |
| 0018 | 211.0400 | Prepare Foundation for Asphaltic Shoulders | STA | 12.000 | 12.000 | |
| 0020 | 213.0100 | Finishing Roadway (project) 01. 9080-14-72 | EACH | 1.000 | 1.000 | |
| 0022 | 305.0110 | Base Aggregate Dense 3/4-Inch | TON | 1,115.000 | 1,115.000 | |
| 0024 | 305.0120 | Base Aggregate Dense 1 1/4-Inch | TON | 825.000 | 825.000 | |
| 0026 | 390.0203 | Base Patching Asphaltic | SY | 220.000 | 220.000 | |
| 0028 | 405.0100 | Coloring Concrete WisDOT Red | CY | 71.000 | 71.000 | |
| 0030 | 416.0512 | Concrete Truck Apron 12-Inch | SY | 213.000 | 213.000 | |
| 0032 | 450.4000 | HMA Cold Weather Paving | TON | 2,133.000 | 2,133.000 | |
| 0034 | 455.0605 | Tack Coat | GAL | 5,299.000 | 5,299.000 | |
| 0036 | 460.2000 | Incentive Density HMA Pavement | DOL | 5,050.000 | 5,050.000 | |
| 0038 | 460.6444 | HMA Pavement 4 MT 58-34 H | TON | 7,882.000 | 7,882.000 | |
| 0040 | 465.0105 | Asphaltic Surface | TON | 909.000 | 909.000 | |
| 0042 | 465.0110 | Asphaltic Surface Patching | TON | 310.000 | 310.000 | |
| 0044 | 465.0120 | Asphaltic Surface Driveways and Field Entrances | TON | 57.000 | 57.000 | |
| 0046 | 465.0315 | Asphaltic Flumes | SY | 12.000 | 12.000 | |
| 0048 | 520.8000 | Concrete Collars for Pipe | EACH | 1.000 | 1.000 | |
| 0050 | 601.0411 | Concrete Curb & Gutter 30-Inch Type D | LF | 8,757.000 | 8,757.000 | |
| 0052 | 601.0557 | Concrete Curb & Gutter 6-Inch Sloped 36-Inch Type D | LF | 66.000 | 66.000 | |
| 0054 | 601.0580 | Concrete Curb & Gutter 4-Inch Sloped 36-Inch Type R | LF | 358.000 | 358.000 | |
| 0056 | 602.0415 | Concrete Sidewalk 6-Inch | SF | 1,005.000 | 1,005.000 | |
| 0058 | 602.0605 | Curb Ramp Detectable Warning Field Radial Yellow | SF | 100.000 | 100.000 | |
| 0060 | 606.0100 | Riprap Light | CY | 15.000 | 15.000 | |
| 0062 | 606.0200 | Riprap Medium | CY | 17.000 | 17.000 | |
| 0064 | 608.0412 | Storm Sewer Pipe Reinforced Concrete Class IV 12-Inch | LF | 10.000 | 10.000 | |
| 0066 | 608.0418 | Storm Sewer Pipe Reinforced Concrete Class IV 18-Inch | LF | 3.000 | 3.000 | |
| 0068 | 611.0420 | Reconstructing Manholes | EACH | 1.000 | 1.000 | |
| 0070 | 611.0430 | Reconstructing Inlets | EACH | 8.000 | 8.000 | |
| 0072 | 611.0639 | Inlet Covers Type H-S | EACH | 1.000 | 1.000 | |
| 0074 | 611.0652 | Inlet Covers Type T | EACH | 1.000 | 1.000 | |
| 0076 | 611.1230 | Catch Basins 2x3-FT | EACH | 1.000 | 1.000 | |
| 0078 | 611.3225 | Inlets 2x2.5-FT | EACH | 1.000 | 1.000 | |
| 0800 | 611.8115 | Adjusting Inlet Covers | EACH | 24.000 | 24.000 | |
| 0082 | 618.0100 | Maintenance And Repair of Haul Roads (project) 01. 9080-14-72 | EACH | 1.000 | 1.000 | |
| 0084 | 619.1000 | Mobilization | EACH | 1.000 | 1.000 | |
| 0086 | 625.0100 | Topsoil | SY | 4,710.000 | 4,710.000 | |
| 0088 | 628.1504 | Silt Fence | LF | 50.000 | 50.000 | |
| 0090 | 628.1520 | Silt Fence Maintenance | LF | 50.000 | 50.000 | |
| 0092 | 628.1905 | Mobilizations Erosion Control | EACH | 3.000 | 3.000 | |
| 0094 | 628.1910 | Mobilizations Emergency Erosion Control | EACH | 1.000 | 1.000 | |
| 0096 | 628.2006 | Erosion Mat Urban Class I Type A | SY | 4,710.000 | 4,710.000 | |
| 0098 | 628.7010 | Inlet Protection Type B | EACH | 1.000 | 1.000 | |

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| | | | | | 9080-14-72 | |
|------|----------|--|------|------------|------------|--|
| Line | Item | Item Description | Unit | Total | Qty | |
| 0100 | 628.7015 | Inlet Protection Type C | EACH | 37.000 | 37.000 | |
| 0102 | 628.7504 | Temporary Ditch Checks | LF | 45.000 | 45.000 | |
| 0104 | 629.0210 | Fertilizer Type B | CWT | 3.200 | 3.200 | |
| 0106 | 630.0140 | Seeding Mixture No. 40 | LB | 297.000 | 297.000 | |
| 0108 | 633.5200 | Markers Culvert End | EACH | 2.000 | 2.000 | |
| 0110 | 634.0616 | Posts Wood 4x6-Inch X 16-FT | EACH | 4.000 | 4.000 | |
| 0112 | 634.0812 | Posts Tubular Steel 2x2-Inch X 12-FT | EACH | 2.000 | 2.000 | |
| 0114 | 634.0814 | Posts Tubular Steel 2x2-Inch X 14-FT | EACH | 2.000 | 2.000 | |
| 0116 | 637.2210 | Signs Type II Reflective H | SF | 27.460 | 27.460 | |
| 0118 | 637.2230 | Signs Type II Reflective F | SF | 35.000 | 35.000 | |
| 0120 | 638.2102 | Moving Signs Type II | EACH | 2.000 | 2.000 | |
| 0122 | 638.2602 | Removing Signs Type II | EACH | 6.000 | 6.000 | |
| 0124 | 638.3000 | Removing Small Sign Supports | EACH | 6.000 | 6.000 | |
| 0126 | 642.5001 | Field Office Type B | EACH | 1.000 | 1.000 | |
| 0128 | 643.0300 | Traffic Control Drums | DAY | 4,675.000 | 4,675.000 | |
| 0130 | 643.0410 | Traffic Control Barricades Type II | DAY | 625.000 | 625.000 | |
| 0132 | 643.0420 | Traffic Control Barricades Type III | DAY | 1,675.000 | 1,675.000 | |
| 0134 | 643.0500 | Traffic Control Flexible Tubular Marker Posts | EACH | 177.000 | 177.000 | |
| 0136 | 643.0600 | Traffic Control Flexible Tubular Marker Bases | EACH | 177.000 | 177.000 | |
| 0138 | 643.0705 | Traffic Control Warning Lights Type A | DAY | 3,230.000 | 3,230.000 | |
| 0140 | 643.0715 | Traffic Control Warning Lights Type C | DAY | 1,405.000 | 1,405.000 | |
| 0142 | 643.0900 | Traffic Control Signs | DAY | 6,850.000 | 6,850.000 | |
| 0144 | 643.1000 | Traffic Control Signs Fixed Message | SF | 54.000 | 54.000 | |
| 0146 | 643.1070 | Traffic Control Cones 42-Inch | DAY | 42,270.000 | 42,270.000 | |
| 0148 | 643.5000 | Traffic Control | EACH | 1.000 | 1.000 | |
| 0150 | 644.1420 | Temporary Pedestrian Surface Plywood | SF | 250.000 | 250.000 | |
| 0152 | 644.1601 | Temporary Pedestrian Curb Ramp | DAY | 60.000 | 60.000 | |
| 0154 | 644.1810 | Temporary Pedestrian Barricade | LF | 1,250.000 | 1,250.000 | |
| 0156 | 645.0120 | Geotextile Type HR | SY | 33.000 | 33.000 | |
| 0158 | 645.0130 | Geotextile Type R | SY | 44.000 | 44.000 | |
| 0160 | 646.1020 | Marking Line Epoxy 4-Inch | LF | 29,860.000 | 29,860.000 | |
| 0162 | 646.1040 | Marking Line Grooved Wet Ref Epoxy 4-Inch | LF | 4,421.000 | 4,421.000 | |
| 0164 | 646.1545 | Marking Line Grooved Wet Ref Contrast Epoxy 4-Inch | LF | 4,871.000 | 4,871.000 | |
| 0166 | 646.3020 | Marking Line Epoxy 8-Inch | LF | 33.000 | 33.000 | |
| 0168 | 646.3545 | Marking Line Grooved Wet Ref Contrast Epoxy 8-Inch | LF | 2,141.000 | 2,141.000 | |
| 0170 | 646.5020 | Marking Arrow Epoxy | EACH | 6.000 | 6.000 | |
| 0172 | 646.5120 | Marking Word Epoxy | EACH | 3.000 | 3.000 | |
| 0174 | 646.6120 | Marking Stop Line Epoxy 18-Inch | LF | 12.000 | 12.000 | |
| 0176 | 646.6464 | Cold Weather Marking Epoxy 4-Inch | LF | 39,152.000 | 39,152.000 | |
| 0178 | 646.6468 | Cold Weather Marking Epoxy 8-Inch | LF | 2,153.000 | 2,153.000 | |
| 0180 | 646.7120 | Marking Diagonal Epoxy 12-Inch | LF | 326.000 | 326.000 | |
| 0182 | 646.7420 | Marking Crosswalk Epoxy Transverse Line 6-Inch | LF | 180.000 | 180.000 | |
| 0184 | 649.0150 | Temporary Marking Line Removable Tape 4-Inch | LF | 5,385.000 | 5,385.000 | |
| 0186 | 649.0850 | Temporary Marking Stop Line Removable Tape 18-Inch | LF | 26.000 | 26.000 | |
| 0188 | 650.4000 | Construction Staking Storm Sewer | EACH | 2.000 | 2.000 | |
| 0190 | 650.5500 | Construction Staking Curb Gutter and Curb & Gutter | LF | 9,181.000 | 9,181.000 | |
| 0192 | 650.8000 | Construction Staking Resurfacing Reference | LF | 11,920.000 | 11,920.000 | |
| 0194 | 650.9000 | Construction Staking Curb Ramps | EACH | 5.000 | 5.000 | |
| 0196 | 650.9910 | Construction Staking Supplemental Control (project) 01. 9080-14-72 | LS | 1.000 | 1.000 | |

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Estimate Of Quantities

Page

| | | | | | 9080-14-72 |
|------|----------|--|------|------------|------------|
| Line | Item | Item Description | Unit | Total | Qty |
| 0198 | 653.0900 | Adjusting Pull Boxes | EACH | 1.000 | 1.000 |
| 0200 | 690.0150 | Sawing Asphalt | LF | 12,830.000 | 12,830.000 |
| 0202 | 690.0250 | Sawing Concrete | LF | 340.000 | 340.000 |
| 0204 | 740.0440 | Incentive IRI Ride | DOL | 17,710.000 | 17,710.000 |
| 0206 | ASP.1T0A | On-the-Job Training Apprentice at \$5.00/HR | HRS | 1,200.000 | 1,200.000 |
| 0208 | ASP.1T0G | On-the-Job Training Graduate at \$5.00/HR | HRS | 600.000 | 600.000 |
| 0210 | SPV.0045 | Special 01. Temporary Detectable Warning Field | DAY | 48.000 | 48.000 |
| 0212 | SPV.0180 | Special 01 Protective Thermoplastic Coating at Snowmobile Trail Crossing | SY | 110.000 | 110.000 |

| | | | | 204.0115 | 204.0110 | 204.0120 |
|-------------|----|-------------|----------------------|---------------------|-----------|--------------------|
| | | | | | REMOVING | |
| | | | | REMOVING ASPHALTIC | ASPHALTIC | REMOVING ASPHALTIC |
| | | | | SURFACE BUTT JOINTS | SURFACE | SURFACE MILLING |
| STATION | TO | STATION | LOCATION | SY | SY | SY |
| | | | | | | |
| 613+00 | - | 633+11 | MAINLINE | 94 | | 8,920 |
| 613+00 | - | 627+63 | LT | | 1,083 | |
| 1047'17'+30 | - | 1050'17'+70 | MAINLINE | 39 | | 2,971 |
| | | | _ | | | |
| | | | TOTAL 0020 | 133 | 1,083 | 11,891 |
| | | | | | | |
| 634+15 | - | 729+84 | MAINLINE | 111 | | 53,000 |
| | | | WAYSIDE/BOAT LANDING | 39 | 10 | 3,756 |
| | | | CURB REPLACEMENTS | | 2,851 | |
| | | | SIDEROADS | 439 | | 2,600 |
| | | | DRIVEWAYS | 154 | 133 | |
| | | | _ | | | |
| | | | TOTAL 0010 | 743 | 2,994 | 59,356 |
| | | | | | | |
| | | | PROJECT TOTAL | 876 | 4,078 | 71,247 |
| | | | | | | |

| o | | | LOOP TO V | 204.0150 REMOVING CURB & GUTTER | 204.0155 REMOVING CONCRETE SIDEWALK | 254.41.01/2 |
|------------------|----|------------------|------------------|----------------------------------|--|----------------------|
| STATION | TO | STATION | LOCATION | LF | SY | REMARKS |
| 628+20 629+20 | - | 628+76 629+77 | RT RT | 62 90 | | |
| | | | TOTAL 0020 | 152 | 0 | |
| | | | TWILITE LANE, RT | 66 | | |
| 662+54 | - | 729+84 | LT | 5,149 | | CURB REPLACEMENT |
| 662+54 | - | 729+84 | RT | 3,208 | | CURB REPLACEMENT |
| 712+45 | - | 713+01 | LT | | 18 | PARK ST NE QUAD |
| 721+68 | - | 722+19 | LT | | 23 | S FOREST ST NW QUAD |
| 721+75 | - | 722+30 | RT | | 17 | SUNDSTEIN RD SW QUAD |
| 722+53 | - | 723+02 | LT | | 21 | S FOREST ST NE QUAD |
| 722+64 | - | 723+10 | RT | | 17 | SUNDSTEIN RD SE QUAD |
| | | | UNDISTRIBUTED | 400 | 17 | |
| | | | TOTAL 0010 | 8,823 | 112 | |
| | | | PROJECT TOTAL | 8,975 | 112 | |

| STATION | TO | STATION | LOCATION | 205.0100 EXCAVATION COMMON CY | REMARKS |
|---------|----|---------|---------------|--|---------------------------|
| | | | | | |
| 628+23 | - | 628+76 | RT | 100 | ISLAND REPLACEMENT |
| 629+20 | - | 629+77 | RT | 185 | ISLAND REPLACEMENT |
| | | | TOTAL 0020 | 285 | • |
| | | | | 228 | BOAT LANDING PARKING AREA |
| | | | TOTAL 0010 | 228 | • |
| | | | PROJECT TOTAL | 513 | - |

| | STATION | TO | STATION | LOCATION | FOUNDATION FOR ASPHALTIC SHOULDERS STA |
|---|-----------------------|----|-----------------------|--------------------|---|
| _ | 624+00 1048'17'+00 | - | 630+00 1050'17'+00 | RT RT & LT | 6 4 |
| | | | | TOTAL 0020 | 10 |
| | 646+60 | - | 646+92 | LT & RT TOTAL 0010 | 2 |
| | | | | PROJECT TOTAL | 12 |

HWY: STH 70 COUNTY: VILAS SHEET E MISCELLANEOUS QUANTITIES PROJECT NO: 9080-14-72 FILE NAME : G:\00\00093\00093522\CADD\SHEETSOTHER\030201-MQ.DWG LAYOUT NAME - 030201-mq PLOT DATE: 7/28/2021 11:07 AM PLOT BY: SHAWN DOLENS PLOT SCALE: 1" = 1"

PLOT NAME:

211.0400 PREPARE

465.0315 ASPHALTIC FLUMES

SY

12

LOCATION

BOAT LANDING RD

TOTAL 0010

| | | | | BASE AGGREGATE | BASE AGGREGATE | |
|-------------|----|-------------|---------------------------|----------------|------------------|------------------|
| | | | | DENSE 3/4-INCH | DENSE 1 1/4-INCH | |
| STATION | TO | STATION | LOCATION | TON | TON | REMARKS |
| | | | | | | |
| 613+00 | - | 633+11 | LT & RT | 400 | | SHOULDERS |
| 1047'17'+30 | - | 1050'17'+70 | LT & RT | 30 | | SHOULDERS |
| 628+23 | - | 628+50 | RT | | 90 | ISLAND |
| 629+20 | - | 629+50 | RT | | 165 | ISLAND |
| | | | _ | | | |
| | | | TOTAL 0020 | 430 | 255 | |
| C24.1F | | CC2+E4 | IT 0 DT | 460 | | CHOLILDEDC |
| 634+15 | - | 662+54 | LT & RT | 460 | | SHOULDERS |
| 662+54 | - | 729+84 | LT & RT | | 270 | CURB REPLACEMENT |
| | | | BOAT LANDING FLUMES | 5 | | |
| | | | BOAT LANDING PARKING AREA | 20 | 330 | |
| | | | DRIVEWAYS | 200 | | |
| | | | <u>-</u> | | | |
| | | | TOTAL 0010 | 685 | 600 | |
| | | | PROJECT TOTAL | 1,115 | 855 | |
| | | | PROJECT TOTAL | 1,115 | 033 | |

305.0110

305.0120

| STATION | TO | STATION | LOCATION | 390.0203 BASE PATCHING ASPHALTIC SY | 450.4000 HMA COLD WEATHER PAVING TON | 455.0605 TACK COAT GAL | 460.6444 HMA PAVEMENT 4 MT 58-34 H TON | 465.0105 ASPHALTIC SURFACE TON | 465.0110 ASPHALTIC SURFACE PATCHING TON | 465.0120 ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES TON | REMARKS |
|-------------|----|-------------|-------------------|--|---|------------------------------|---|--------------------------------------|--|--|---|
| 613+00 | _ | 633+11 | MAINLINE | | 263 | 650 | 1,050 | | 50 | 12 | |
| 1047'17'+30 | | 1050'17'+70 | | | 90 | 225 | 360 | | | | |
| 1047 17 130 | | 1030 17 170 | WIDENING/PATCHING | | | 2 | | 25 | | | STH 17/70 INTERSECTION |
| | | | SIDE ROADS | | 6 | 15 | 22 | | | | 3111 1777 WENGLENOW |
| | | | TOTAL 0020 | 0 | 358 | 892 | 1,432 | 25 | 50 | 12 | |
| 634+15 | - | 729+84 | MAINLINE | | 1,525 | 3,725 | 6,100 | | 250 | | |
| | | | SIDE ROADS | | 88 | 215 | 350 | | | | |
| | | | CURB AND GUTTER | | | 100 | | 230 | | | |
| | | | DRIVEWAYS | | | 25 | | | | 45 | DRIVEWAYS AT CURB AND GUTTER REPLACEMENTS |
| | | 646+76 | LT & RT | | | 2 | | 4 | | | SNOWMOBILE CROSSING |
| | | | LT & RT | 220 | 163 | 340 | | 650 | 10 | | BOAT LANDING |
| | | | TOTAL 0010 | 220 | 1,775 | 4,407 | 6,450 | 884 | 260 | 45 | |
| | | | PROJECT TOTAL | 220 | 2,133 | 5,299 | 7,882 | 909 | 310 | 57 | |

HWY: STH 70 COUNTY: VILAS SHEET E MISCELLANEOUS QUANTITIES PROJECT NO: 9080-14-72 FILE NAME : G:\00\00093\00093522\CADD\SHEETSOTHER\030201-MQ.DWG LAYOUT NAME - 030201-mq PLOT BY: SHAWN DOLENS PLOT DATE: 7/28/2021 11:07 AM PLOT NAME: PLOT SCALE: 1" = 1" WISDOT/CADDS SHEET 42

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| STATION | LOCATION | 204.0215 REMOVING CATCH BASINS EACH | 204.0245.01 REMOVING STORM SEWER (SIZE) (01. 18- INCH) LF | 520.8000 CONCRETE COLLARS FOR PIPE EACH | 608.0412 PIPE REINFORCED CONCRETE CLASS IV 12- INCH LF | 608.0418 PIPE REINFORCED CONCRETE CLASS IV 18- INCH LF | 611.0420 RECONSTRUCTING MANHOLES EACH | 611.0430 RECONSTRUCTING INLETS EACH | 611.0639 INLET COVERS TYPE H-S EACH | 611.0652 INLET COVERS TYPE T EACH | CATCH BASINS 2X3- FT EACH | 611.3225 INLETS 2X2.5- FT EACH | 611.8115 ADJUSTING INLET COVERS EACH | 628.7010 INLET PROTECTION TYPE B EACH | 628.7015 INLET PROTECTION TYPE C EACH | 633.5200 MARKERS CULVERT END EACH | 650.4000 CONSTRUCTION STAKING STORM SEWER EACH | REMARKS |
|------------------|---------------|--------------------------------------|--|---|--|--|--|--------------------------------------|--|--------------------------------------|---------------------------|--------------------------------|---------------------------------------|--|---|--|--|-------------------------------------|
| 620.27 | D.T. | | | | | | 1 | | | | | | | 1 | | | | |
| 629+27 629+16 | RT RT | | | | 10 | | 1 | | | 1 | | 1 | | 1 | 1 | | 1 | CONNECT TO EXISTING STORM MANHOLE |
| 630+22 | RT | | | | | | | | | | | | | | | 1 | | CONNECT TO EXISTING STORIVI MANHOLE |
| 1049'17'+50 | RT | | | | | | | | | | | | | | | 1 | | |
| | TOTAL 0020 | 0 | 0 | 0 | 10 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | |
| 664+86 | RT | | | | | | | 1 | | | | | | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 667+00 | RT | | | | | | | | | | | | 1 | | 1 | | | |
| 669+97 | LT RT | | | | | | | | | | | | 1 | | 1 | | | |
| 669+97 673+96 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 673+96 | RT | | | | | | | 1 | | | | | 1 | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 676+04 | LT | | | | | | | 1 | | | | | 1 | | 1 | | | ADD MONTAN TO GAPS AND UND FIFES |
| 679+94 | RT | | | | | | | 1 | | | | | | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 684+96 | RT | | | | | | | 1 | | | | | | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 686+58 | LT | | | | | | | 1 | | | | | | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 694+32 | LT | | | | | | | 1 | | | | | | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 696+40 | LT | | | | | | | 1 | | | | | | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 696+40 | RT | | | | | | | | | | | | 1 | | 1 | | | |
| 698+94 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 703+02 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 704+41 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 704+54 | RT | 1 | 3 | 1 | | 3 | | | 1 | | 1 | | | | 1 | | 1 | |
| 706+91 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 706+94 | RT | | | | | | | | | | | | 1 | | 1 | | | |
| 710+12 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 710+12 | RT | | | | | | | 1 | | | | | | | 1 | | | ADD MORTAR TO GAPS AROUND PIPES |
| 712+76 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 712+84 | RT | | | | | | | | | | | | 1 | | 1 | | | |
| 716+95 | RT | | | | | | | | | | | | 1 | | 1 | | | |
| 717+12 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 721+85 | LT RT | | | | | | | | | | | | 1 | | 1 | | | |
| 721+92 722+83 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 722+93 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 726+95 | RT | - | | | | | | | | | | | 1 | | 1 | | | |
| 727+01 | LT | | | | | | | | | | | | 1 | | 1 | | | |
| 729+73 | LT | | | | | | | | | | | | | | 1 | | | |
| | JNDISTRIBUTED | | | | | | | | | | | | 2 | | 4 | | | |
| | TOTAL 0010 | 1 | 3 | 1 | 0 | 3 | 0 | 8 | 1 | 0 | 1 | 0 | 24 | 0 | 36 | 0 | 1 | |
| | PROJECT TOTAL | 1 | 3 | 1 | 10 | 3 | 1 | 8 | 1 | 1 | 1 | 1 | 24 | 1 | 37 | 2 | 2 | |

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| | | | 405.0100 | 416.0512 | 601.0411 | 601.0557 | 601.0580 | 602.0415 | 602.0605 | 650.5500 | |
|---------|------------|------------------|--|---------------------------------------|--|--|--|--------------------------------|--|--|----------------------|
| STATION | to station | LOCATION | COLORING CONCRETE WISDOT RED CY | CONCRETE TRUCK APRON 12-INCH SY | CONCRETE CURB & GUTTER 30- INCH TYPE D LF | CONCRETE CURB & GUTTER 6-INCH SLOPED 36-INCH TYPE D LF | CONCRETE CURB & GUTTER 4-INCH SLOPED 36-INCH TYPE R LF | CONCRETE SIDEWALK 6-INCH SF | CURB RAMP DETECTABLE WARNING FIELD RADIAL YELLOW SF | CONSTRUCTION STAKING CURB GUTTER AND CURB & GUTTER LF | REMARKS |
| 628+20 | 628+76 | RT | 22 | 66 | | | 139 | | | 139 | INTERSECTION ISLAND |
| 629+20 | 629+78 | RT | 49 | 147 | | | 219 | | | 219 | INTERSECTION ISLAND |
| | | TOTAL 0020 | 71 | 213 | 0 | 0 | 358 | 0 | 0 | 358 | |
| | | TWILITE LANE, RT | | | | 66 | | | | 66 | |
| 662+54 | 729+84 | RT | | | 5,149 | | | | | 5,149 | |
| 662+54 | 729+84 | LT | | | 3,208 | | | | | 3,208 | |
| 712+45 | - 713+01 | LT | | | | | | 160 | 20 | | PARK ST NE QUAD |
| 721+68 | - 722+19 | LT | | | | | | 205 | 20 | | S FOREST ST NW QUAD |
| 721+75 | - 722+30 | RT | | | | | | 150 | 20 | | SUNDSTEIN RD SW QUAD |
| 722+53 | - 723+02 | LT | | | | | | 190 | 20 | | S FOREST ST NE QUAD |
| 722+64 | - 723+10 | RT | | | | | | 150 | 20 | | SUNDSTEIN RD SE QUAD |
| | | UNDISTRIBUTED | | | 400 | | | 150 | | 400 | |
| | | TOTAL 0010 | 0 | 0 | 8,757 | 66 | 0 | 1,005 | 100 | 8,823 | |
| | | PROJECT TOTAL | 71 | 213 | 8,757 | 66 | 358 | 1,005 | 100 | 9,181 | 1 |

| | | | | STATION | TO | STATION | LOCATION | TOPSOIL SY | MOBILIZATIONS EROSION CONTROL EACH | MOBILIZATIONS EMERGENCY EROSION CONTROL EACH | EROSION MAT URBAN CLASS I TYPE A SY | FERTILIZER TYPE B CWT | SEEDING MIXTURE NO. 40 LB |
|-------------------|------------------------------|---|---|---------|----|---------|---|------------------------|---|--|--|--------------------------|---------------------------------|
| LOCATION | 628.1504 SILT FENCE LF | 628.1520 SILT FENCE MAINTENANCE LF | 628.7504 TEMPORARY DITCH CHECKS LF | 613+00 | - | 627+63 | LT STH 17/70 INTERSECTION UNDISTRIBUTED | 1200 250 100 | | | 1200 250 100 | 0.8 0.2 0.1 | 76 16 6 |
| BOAT LANDING AREA | 50 | 50 | 45 | | | | TOTAL 0020 | 1,550 | 0 | 0 | 1,550 | 1.1 | 98 |
| TOTAL 0010 | 50 | 50 | 45 | 647+00 | - | 729+84 | CURB & GUTTER/SIDEWALK BOAT LANDING AREA PROJECT UNDISTRIBUTED | 3,000 60 100 | 3 | 1 | 3,000 60 100 | 1.9 0.1 0.1 | 189 4 6 |
| | | | | | | | TOTAL 0010 | 3,160 | 3 | 1 | 3,160 | 2.1 | 199 |
| | | | | | | | PROJECT TOTAL | 4,710 | 3 | 1 | 4,710 | 3.2 | 297 |

COUNTY: VILAS HWY: STH 70 E SHEET PROJECT NO: 9080-14-72 MISCELLANEOUS QUANTITIES FILE NAME : G:\00\00093\00093522\CADD\SHEETSOTHER\030201-MQ.DWG LAYOUT NAME - 030201-mq PLOT SCALE: 1" = 1' PLOT DATE: 7/28/2021 11:07 AM PLOT BY: SHAWN DOLENS PLOT NAME: WISDOT/CADDS SHEET 42

625.0100

628.1905

628.1910

628.2006

629.0210

630.0140

| - |
|---|
| |
| |
| _ |
| |
| |

| | | | 634.0616 | 634.0812 | 634.0814 | 637.2210 | 637.2230 | 638.2102 | 638.2602 | 638.3000 | |
|-------------|------------|------------|---------------|------------------|------------------|---------------|---------------|--------------|---------------|------------|---|
| | | | POSTS WOOD | POSTS TUBULAR | POSTS TUBULAR | | | | | REMOVING | |
| | | | 4X6-INCH | STEEL 2X2- | STEEL 2X2- | SIGNS TYPE II | SIGNS TYPE II | MOVING SIGNS | REMOVING | SMALL SIGN | |
| | | SIGN SIZE | X 16-FT | INCH X 12-FT | INCH X 14-FT | REFLECTIVE H | REFLECTIVE F | TYPE II | SIGNS TYPE II | SUPPORTS | |
| SIGN NUMBER | SIGN CODE | IN X IN | EACH | EACH | EACH | SF | SF | EACH | EACH | EACH | REMARKS |
| SIGN NOWBER | SIGIN CODE | III X III | LACIT | LACIT | LACIT | 31 | 31 | LACIT | LACIT | LACIT | HEIMARKS |
| 1-1 | | | | | | | | | 1 | 1 | REMOVE |
| 1-2 | W6-3 | 36" X 36" | 1 | | | | 9.00 | | | | TWO-WAY TRAFFIC SYMBOL |
| 1-3 | | | | | | | | | 1 | 1 | REMOVE |
| 1-4 | | | | | | | | | | | TO REMAIN |
| 1-5 | | | | | | | | | | | TO REMAIN |
| 1-6 | | | | | | | | | | | TO REMAIN |
| 1-7 | | | | | | | | | | | TO REMAIN |
| 1-8 | | | | | | | | | | | TO REMAIN |
| 1-9 | | | | | | | | 1 | | | MOVE TO ACCOMODATE WIDENING |
| 1-10 | | | | | | | | 1 | | | MOVE TO ACCOMODATE WIDENING |
| 1-11 | W12-1D | 24" X 24" | | 1 | | | 4.00 | | | | DOUBLE DIAGONAL ARROW (ON REMOVABLE POST) |
| 1-12 | | | | | | | | | 1 | 1 | REMOVE |
| 1-13 | | | | | | | | | | | TO REMAIN |
| 1-14 | | | | | | | | | | | TO REMAIN |
| 1-15 | | | | | | | | | | | TO REMAIN |
| 1-16 | | | | | | | | | 1 | 1 | REMOVE |
| 1-17 | W4-7 | 24" X 30" | | | 1 | 5.00 | | | | | KEEP RIGHT |
| 1-18 | W4-3R | 36" X 36" | | | 1 | | 9.00 | | | | ENTERING ROADWAY ADD LANE SYMBOL |
| 1-19 | W12-1D | 24" X 24" | | 1 | | | 4.00 | | | | DOUBLE DIAGONAL ARROW (ON REMOVABLE POST) |
| 1-20 | | | | | | | | | 1 | 1 | REMOVE |
| 1-21 | | | | | | | | | 1 | 1 | REMOVE |
| 1-22 | R1-1 | 36" X 36" | | | | 7.46 | | | | | STOP (BAND TO BEACON) |
| 1-23 | W4-3R | 36" X 36" | 1 | | | | 9.00 | | | | ENTERING ROADWAY ADD LANE SYMBOL |
| 1-24 | R3-8LA | 36" X 30" | 1 | | | 7.50 | | | | | ADVANCE INTERSECTION LANE CONTROL |
| 1-25 | R3-8LA | 36" X 30" | 1 | | | 7.50 | | | | | ADVANCE INTERSECTION LANE CONTROL |
| | | | | | | | | | | | |
| | | TOTAL 0020 | 4 | 2 | 2 | 27.46 | 35.00 | 2 | 6 | 6 | |

| | | | | | | | | | CONSTRUCTION STAKING RESURFACING REFERENCE | CONSTRUCTION STAKING CURB RAMPS | STAKING SUPPLEMENTAL CONTROL (PROJECT) (01. TBD) |
|---|--------------------|---------------------|--------------------------|----------------------|-----------------------|----|-----------------------|--------------------|---|---------------------------------------|--|
| | 606.0100 | 606.0200 | 645.0120 | 645.0130 | STATION | TO | STATION | LOCATION | LF | EACH | LS |
| LOCATION | RIPRAP LIGHT CY | RIPRAP MEDIUM CY | GEOTEXTILE TYPE HR SY | GEOTEXTILE TYPE R SY | 613+00 1047'17'+30 | - | 633+11 1050'17'+70 | PROJECT PROJECT | 2,011 340 | | |
| BOAT LANDING ROAD FLUMES BOAT LANDING AREA | 2 13 | 17 | 33 | 5 39 | 101,71,100 | | 1000 17 170 | TOTAL 0020 | 2,351 | 0 | 0 |
| TOTAL 0010 | 15 | 17 | 33 | 44 | 634+15 | - | 729+84 | PROJECT PROJECT | 9,569 | 5 | 1 |
| | | | | | | | | TOTAL 0010 | 9,569 | 5 | 1 |
| | | | | | | | | PROJECT TOTAL | 11,920 | 5 | 1 |

PROJECT NO: 9080-14-72 HWY: STH 70 COUNTY: VILAS MISCELLANEOUS QUANTITIES SHEET **E**

650.9000

650.8000

650.9910.01 CONSTRUCTION

| C42 0200 | 643.0410 | 643.0420 | 643.0500 | 643.0600 | 643.0705 | 643.0715 | C42 0000 | 643.1000 * | C42 1070 | 643.5000 |
|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|----------|
| 643.0300 | 643.0410 | 643.0420 | 643.0500 | 643.0600 | 643.0705 | 643.0715 | 643.0900 | 643.1000 | 643.1070 | 643.5000 |

| STATION | TO | STATION | LOCATION | DAY | TRAFFIC CONTROL DRUMS DAY | TRAFFIC CONTROL BARRICADES TYPE II DAY | TRAFFIC CONTROL BARRICADES TYPE III DAY | TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER POSTS EACH | TRAFFIC CONTROL FLEXIBLE TUBULAR MARKER BASES EACH | TRAFFIC CONTROL WARNING LIGHTS TYPE A DAY | TRAFFIC CONTROL WARNING LIGHTS TYPE C DAY | TRAFFIC CONTROL SIGNS DAY | TRAFFIC CONTROL SIGNS FIXED MESSAGE SF | TRAFFIC CONTROL CONES 42-INCH DAY | TRAFFIC CONTROL EACH |
|---------|----|---------|----------------------|-----|------------------------------------|---|--|---|---|--|--|---------------------------------|---|--|----------------------------|
| 613+00 | _ | 633+11 | STAGE 1A | 5 | 375 | | | | | | 75 | 20 | | | |
| 613+00 | _ | 633+11 | STAGE 18 | 15 | 675 | | | | | | 60 | 60 | | | |
| 613+00 | _ | 633+11 | STAGE 2 | 35 | 2,800 | 70 | 105 | 50 | 50 | 210 | 630 | 280 | | | |
| 613+00 | _ | 633+11 | STAGE 3A | 15 | 300 | 30 | 45 | | | 90 | | 105 | | 1,170 | |
| 613+00 | - | 633+11 | STAGE 3B | 10 | 100 | | 30 | | | 60 | | 50 | | 450 | |
| | | | TOTAL 0020 | • | 3,200 | 100 | 180 | 50 | 50 | 360 | 630 | 435 | 0 | 1,620 | 0 |
| | | | PROJECT | | | | | | | | | | 54 | | 1 |
| | | | ADVANCED WARNING | 85 | | | | | | | | 2,805 | | | |
| | | | WIDTH RESTRICTION | 45 | | | | | | | | 1,620 | | | |
| 633+11 | _ | 731+00 | STAGE 2 | 35 | 525 | 525 | 1,050 | 7 | 7 | 2,100 | 350 | 1,680 | | 28,350 | |
| 633+11 | _ | 731+00 | STAGE 3A | 15 | 450 | | 375 | | | , 750 | 225 | 300 | | 12,300 | |
| 633+11 | _ | 731+00 | STAGE 3B | 10 | 200 | | 10 | | | 20 | 200 | 10 | | | |
| | | | WAYSIDE/BOAT LANDING | 15 | 300 | | 60 | 120 | 120 | | | | | | |
| | | | TOTAL 0010 | , | 1,475 | 525 | 1,495 | 127 | 127 | 2,870 | 775 | 6,415 | 54 | 40,650 | 1 |
| | | | PROJECT TOTAL | ! | 4,675 | 625 | 1,675 | 177 | 177 | 3,230 | 1,405 | 6,850 | 54 | 42,270 | 1 |

^{*} G20-57 SIGNS TO BE PLACED AT PROJECT TERMINI 7 DAYS PRIOR TO CONSTRUCTION AND REMOVED WHEN CONSTRUCTION BEGINS.

| STATION | TO | STATION | LOCATION | 644.1420 TEMPORARY PEDESTRIAN SURFACE PLYWOOD SF | 644.1601 TEMPORARY PEDESTRIAN CURB RAMP DAY | 644.1810 TEMPORARY PEDESTRIAN BARRICADE LF | SPV.0045.01 SPECIAL (01. TEMPORARY DETECTABLE WARNING FIELD) DAY | STATION | LOCATION | 653.0900 ADJUSTING PULL BOXES EACH |
|---------|----|---------|-------------------------|---|---|--|--|-----------------|--------------------------|---|
| 712+30 | - | 713+30 | NE QUAD PARK STREET | 50 | 12 | 250 | | 1050'17"+42, RT | FLASHING BEACON PULL BOX | 1 |
| 721+65 | - | 722+40 | NW QUAD S FOREST STREET | 50 | 12 | 250 | 12 | | | |
| 722+40 | - | 723+40 | NE QUAD S FOREST STREET | 50 | 12 | 250 | 12 | | TOTAL 0020 | 1 |
| 721+65 | - | 722+40 | SW QUAD SUNDSTEIN ROAD | 50 | 12 | 250 | 12 | | | |
| 722+40 | - | 723+40 | SE QUAD SUNDSTEIN ROAD | 50 | 12 | 250 | 12 | | | |
| | - | | TOTAL 0010 | 250 | 60 | 1,250 | 48 | | | |

HWY: STH 70 COUNTY: VILAS E SHEET PROJECT NO: 9080-14-72 MISCELLANEOUS QUANTITIES FILE NAME:

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|---|---|---|---|---|--|
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| ٦ | ٠ | • | , | | |
| | 7 | | | | |
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| | | | | | |
| | | | | | |

| | | | | 646.1020 | 646.1040 | 646.1545 | 646.3020 | 646.3545 | 646.5020 | 646.5120 | 646.6120 | 646.6464 | 646.6468 | 646.7120 | 646.7420 | 649.0150 | 649.0850 |
|-----------------------|----|-----------------------|--------------------|------------------------------|---|---|------------------------------|---|------------------------|-----------------------|--|---|---|--------------------------------------|--|---|---|
| | | | | MARKING LINE EPOXY 4-INCH | MARKING LINE GROOVED WET REF EPOXY 4- INCH | MARKING LINE GROOVED WET REF CONTRAST EPOXY 4-INCH | MARKING LINE EPOXY 8-INCH | MARKING LINE GROOVED WET REF CONTRAST EPOXY 8-INCH | MARKING ARROW EPOXY | MARKING WORD EPOXY | MARKING STOP LINE EPOXY 18- INCH | COLD WEATHER MARKING EPOXY 4-INCH | COLD WEATHER MARKING EPOXY 8-INCH | MARKING DIAGONAL EPOXY 12-INCH | MARKING CROSSWALK EPOXY TRANSVERSE LINE 6-INCH | TEMPORARY MARKING LINE REMOVABLE TAPE 4-INCH | TEMPORARY MARKING STOP LINE REMOVABLE TAPE 18-INCH |
| STATION | TO | STATION | LOCATION | LF | LF | LF | LF | LF | EACH | EACH | LF | LF | LF | LF | LF | LF | <u>L</u> F |
| 613+00 1047'17'+30 | - | 633+11 1050'17'+38 | PROJECT PROJECT | 3,980 616 | 3,671 750 | 21 | 12 | 1,101 1,040 | 2 4 | 1 2 | 12 | 7,672 1,366 | 1,113 1,040 | 282 44 | | 3,980 616 | 26 |
| | | | TOTAL 0020 | 4,596 | 4,421 | 21 | 12 | 2,141 | 6 | 3 | 12 | 9,038 | 2,153 | 326 | 0 | 4,596 | 26 |
| 633+11 | - | 729+84 | PROJECT | 25,264 | | 4,850 | 21 | | | | | 30,114 | | | 180 | 789 | |
| | | | TOTAL 0010 | 25,264 | 0 | 4,850 | 21 | 0 | 0 | 0 | 0 | 30,114 | 0 | 0 | 180 | 789 | 0 |
| | | | PROJECT TOTAL | 29,860 | 4,421 | 4,871 | 33 | 2,141 | 6 | 3 | 12 | 39,152 | 2,153 | 326 | 180 | 5,385 | 26 |

| STATION | TO | STATION | LOCATION | 690.0150 SAWING ASPHALT LF | 690.0250 SAWING CONCRETE LF | REMARKS |
|-------------|----|-------------|----------------|-------------------------------------|--------------------------------------|------------------------------|
| | | | | | | |
| 613+00 | - | 627+63 | LT | 1463 | | MAINLINE RECONFIGURATION |
| 623+00 | - | 1048'17'+00 | RT | 800 | | INTERSECTION RECONFIGURATION |
| 1049'17'+00 | - | 630+00 | RT | 220 | | INTERSECTION RECONFIGURATION |
| | | 628+50 | RT | 170 | | ISLAND |
| | | 629+50 | RT | 260 | | ISLAND |
| | | | TOTAL 0020 | 2,913 | 0 | |
| | | | PROJECT LIMITS | 9,537 | 340 | CURB AND GUTTER REPLACEMENTS |
| | | | BASE PATCHING | 200 | | WAYSIDE |
| | | | PARKING AREA | 180 | | BOAT LANDING |
| | | | TOTAL 0010 | 9,917 | 340 | |
| | | | PROJECT TOTAL | 12,830 | 340 | |

| | | SPV.0180.01 SPECIAL (01. PROTECTIVE THERMOPLASTIC COATING AT SNOWMOBILE | |
|---------|------------|--|---------------------------|
| STATION | LOCATION | TRAIL CROSSING) SY | REMARKS |
| 646+76 | LT & RT | 110 | SNOWMOBILE TRAIL CROSSING |
| | TOTAL 0010 | 110 | |

E HWY: STH 70 COUNTY: VILAS SHEET PROJECT NO: 9080-14-72 MISCELLANEOUS QUANTITIES FILE NAME : G:\00\00093\00093522\CADD\SHEETSOTHER\030201-MQ.DWG LAYOUT NAME - 030201-mq PLOT SCALE: 1" = 1' PLOT DATE: 7/28/2021 11:07 AM PLOT BY: SHAWN DOLENS PLOT NAME: WISDOT/CADDS SHEET 42

FILE NAME: G:\00\00093\00093522\CADD\RW\\9080-14-22_STH 70_ERW.DWG PLOT NAME: PLOT SCALE: 1 IN:200 FT APPRAISAL PLAT DATE: N/A

9080-14-22- 4.01

STATE OF WISCONSIN **DEPARTMENT OF TRANSPORTATION** TRANSPORTATION PROJECT PLAT TITLE SHEET 9080-14-22

WOODRUFF - EAGLE RIVER

CTH H to USH 45 NORTH

STH 70 VILAS COUNTY

BEGIN PROJECT 9080-14-22

R/W MONUMENT (TO BE SET) SECTION SECTION LINE CORNER QUARTER LINE NON-MONUMENTED SYMBOL R/W POINT SIXTEENTH LINE SECTION FOUND IRON PIN (1-INCH UNLESS NOTED) MONUMENT NEW R/WIINE GEODETIC SURVEY MONUMENT EXISTING R/W OR HE LINE SIXTEENTH CORNER MONUMENT ____P.I. PROPERTY LINE OFF-PREMISE SIGN MINOR LINES SLOPE INTERCEPT NON-COMPENSABLE ELECTRIC POLE ///////// CORPORATE LIMITS TELEPHONE POLE LINDERGROUND FACILITY PEDESTAL (LABEL TYPE) (TV. TEL. ELEC. ETC.) NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER) ACCESS RESTRICTED BY ACQUISITION TEMPORARY LIMITED NO ACCESS (BY STATUTORY AUTHORITY) 000000000 EASEMENT AREA ACCESS RESTRICTED (BY PREVIOUS EASEMENT AREA **** PROJECT OR CONTROL) RESTRICTED DEVELOPMENT) NO ACCESS (NEW HIGHWAY) TRANSMISSION STRUCTURES PARCEL NUMBER (25) TO BE REMOVED PARALLEL OFFSETS BRIDGE

CONVENTIONAL SYMBOLS

CONVENTIONAL ABBREVIATIONS POINT OF INTERSECTION PROPERTY I INF

ACCESS RIGHTS PΙ ACRES RECORDED AS (100' AHEAD ALUMINUM ALUM REEL / IMAGE R/I REFERENCE LINE AND OTHERS R/L REMAINING REM BLOCK RESTRICTIVE DEVELOPMENT RDE BLK CENTERLINE EASEMENT CERTIFIED SURVEY MAP CONCRETE RIGHT OF WAY COUNTY RIGHT OF WAY RWCP COUNTY TRUNK HIGHWAY CHANNEL POST DISTANCE DIST SECTION SEC CORNER SEPTIC VENT SEPV DOCUMENT NUMBER DOC SQUARE FEET FASEMENT STATE TRUNK HIGHWAY STH EXISTING STATION STA TELEPHONE PEDESTAL GAS VALVE GRID NORTH TEMPORARY LIMITED GN TLE HIGHWAY EASEMENT EASEMENT TRANSPORTATION PROJECT IDENTIFICATION LAND CONTRACT UNITED STATES HIGHWAY MONUMEN' VOLUME NATIONAL GEODETIC SURVEY NGS CURVE DATA LONG CHORD LONG CHORD BEARING LCB POINT OF TANGENCY

DEGREE OF CURVE

LENGTH OF CURVE

DIRECTION AHEAD

DIRECTION BACK

A /DELTA

CENTRAL ANGLE

TANGENT

CONVENTIONAL **UTILITY SYMBOLS** GAS OVERHEAD ELECTRIC

TELEPHONE

FIBER OPTIC

TRANSMISSION LINES

CABLE TELEVISION

SANITARY SEW/ER

R-9-E R-10-E T-40-N Eagle? LINCOLN Town of Lincoln 45 32 T-39-N

LAYOUT

1" = MI

THE NOTES, CONVENTIONAL SIGNS, AND ABBREVIATIONS ARE ASSOCIATED WITH EACH TRANSPORTATION PROJECT

-POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS). VILAS 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.

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

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO NEW REFERENCE LINES.

- PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD

- ALL RIGHT-OF-WAY LINES DEPICTED IN THE NON-ACQUISITION AREAS ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS

- PARCEL AND UTILITY IDENTIFICATION NUMBERS MAY NOT POINT TO ALL AREAS OF ACQUISITION, AS NOTED ON THE

- INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL

FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER, WI.

A TEMPORARY LIMITED EASEMENT (TIE) IS A RIGHT FOR CONSTRUCTION PURPOSES. AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON, THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE PROTECT, REMOVE, OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE. ALL (TLES) ON THIS PLAT EXPIRE AT THE COMPLETION OF THE CONSTRUCTION PROJECT FOR WHICH THIS INSTRUMENT IS GIVEN.

A PERMANENT LIMITED EASEMENT (PLE) IS A RIGHT FOR CONSTRUCTION AND MAINTENANCE PURPOSES. AS DEFINED HEREIN, INCLUDING THE RIGHT TO OPERATE NECESSARY EQUIPMENT THEREON AND THE RIGHT OF INGRESS AND EGRESS, AS LONG AS REQUIRED FOR SUCH PUBLIC PURPOSE, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE, BUT WITHOUT PREJUDICE TO THE OWNER'S RIGHT TO MAKE OR CONSTRUCT IMPROVEMENTS ON SAID LANDS OR TO FLATTEN THI SLOPES, PROVIDING SAID ACTIVITIES WILL NOT IMPAIR OR OTHERWISE ADVERSELY AFFECT THE HIGHWAY FACILITIES.

AN EASEMENT FOR HIGHWAY PURPOSES (HE), AS LONG AS SO USED, INCLUDING THE RIGHT TO PRESERVE, PROTECT, REMOVE OR PLANT THEREON ANY VEGETATION THAT THE HIGHWAY AUTHORITIES MAY DEEM DESIRABLE

- ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{2}$ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

PROJECT NUMBER 9080-14-22 - 4. .01 SHEET 2 of 2 AMENDMENT NO

G:\00\00093\00093522\CADD\RW\9080-14-22_STH 70_ERW.DWG

PLE

PCC

PERMANENT LIMITED

POINT OF BEGINNING

POINT OF CURVATURE

POINT OF COMPOUND CURVE

EASEMENT

LAYOUT NAME: TPP Title 34x22

1/4/2021 9:43 AM

END PROJECT 9080-14-22

CHAD BESAW

PLOT NAME

278 35+55.69 537.14' 101697.564 491657.794

SIGNATURE: Brent & Stella.

PRINT NAME: Brent L Stella

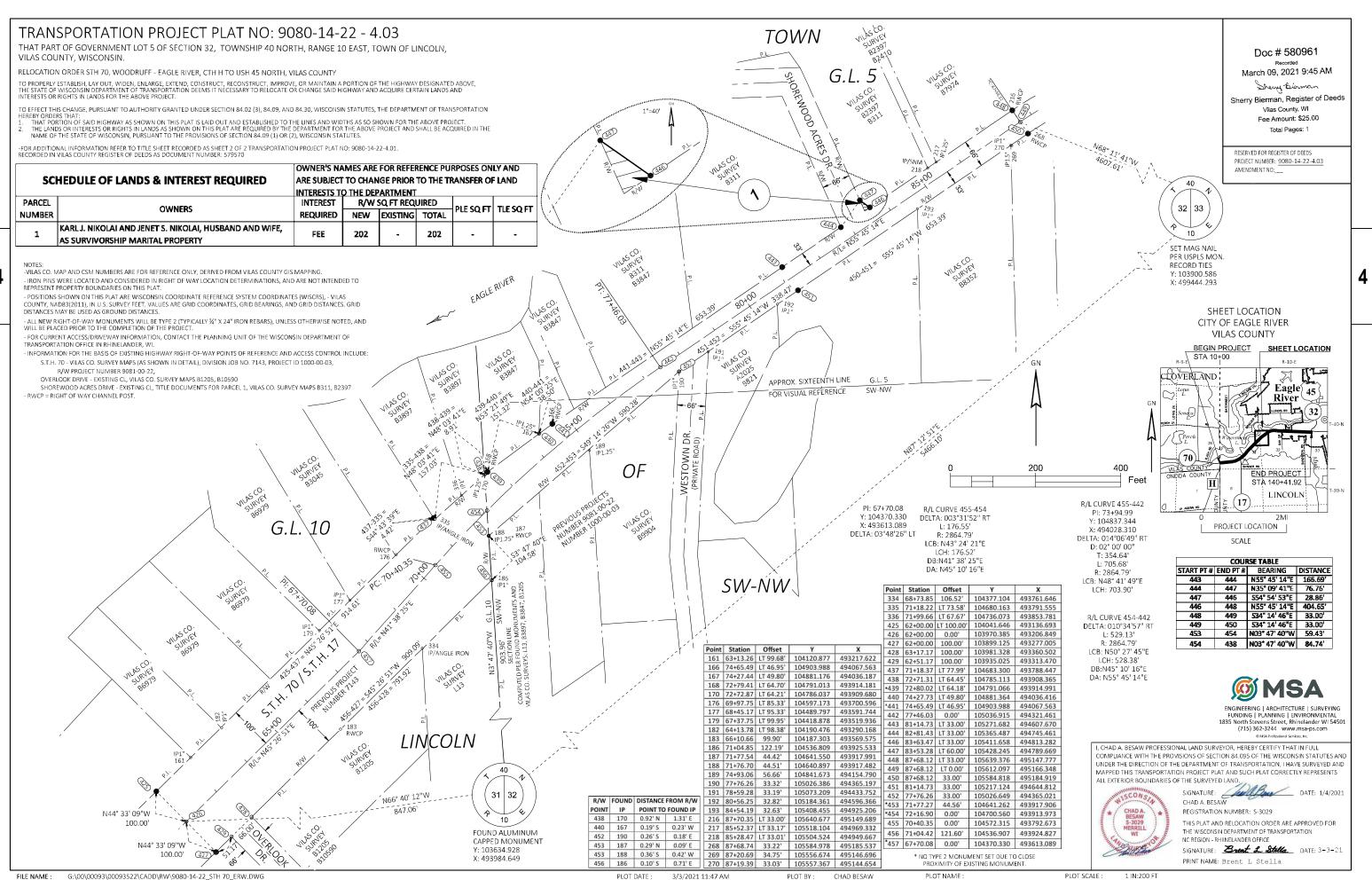
N66° 40' 12"W

PLOT SCALE :

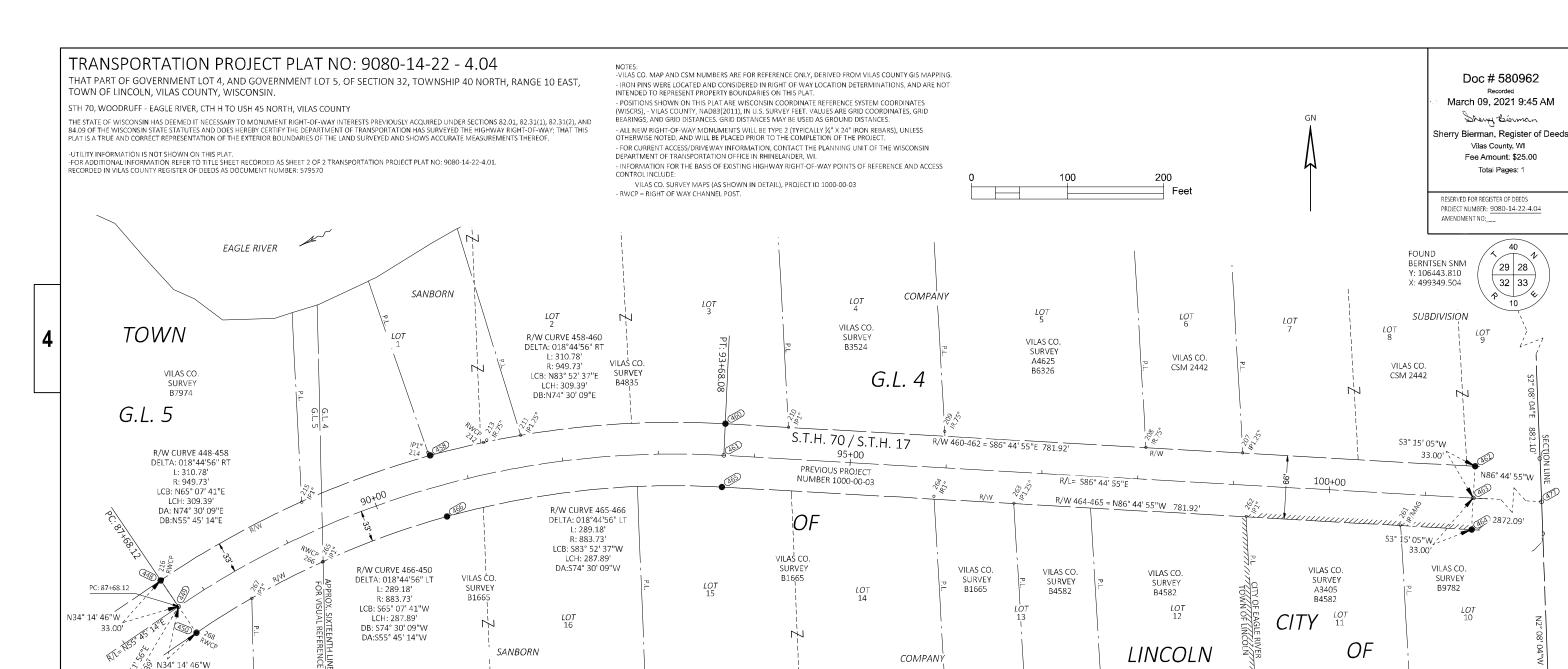
1 IN:200 FT

PLOT NAME

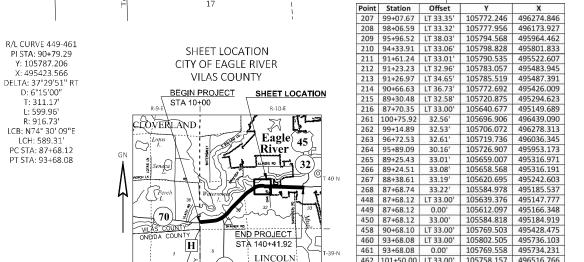
CHAD BESAW



G:\00\00093\00093522\CADD\RW\9080-14-22_STH 70_ERW.DWG FILE NAME: 3/3/2021 11:47 AM CHAD BESAW APPRAISAL PLAT DATE: 1/4/2021



COMPAN)



(17)

PROJECT LOCATION

SCALE

SANBORN

്ക് N34° 14' 46"W

33.00

31 | 32

10

Y: 103634.928

X: 493984.649

FOUND ALLIMINUM

CAPPED MONUMENT

I, CHAD A. BESAW PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND SIGNATURE: DATE: 1/4/2021 CHAD A. BESAW REGISTRATION NUMBER: S-3029

OF

SUBDIVISION



THIS PLAT IS APPROVED FOR THE WISCONSIN DEPARTMENT

EAGLE RIVER

SET MAG NAIL

RECORD TIES

Y: 103900.586

X: 499444 293

PER LISPLS MON

SIGNATURE: Brent & Stella PRINT NAME: Brent L Stella

ENGINEERING | ARCHITECTURE | SURVEYING

LINCOLN

FUNDING | PLANNING | ENVIRONMENTAL 1835 North Stevens Street, Rhinelander WI 54501 (715) 362-3244 www.msa-ps.com

PLOT NAME PLOT SCALE : 1 IN:100 FT G:\00\00093\00093522\CADD\RW\9080-14-22 STH 70 ERW.DWG 3/3/2021 11:47 AM CHAD BESAW PLOT BY:

462 101+50.00 LT 33.00' 105758.157 496516.766

463 101+50.00 0.00' 105725.210 496514.894 464 101+50.00 33.00' 105692.264 496513.022

465 93+68.08 33.00' 105736.611 495732.360

466 90+68.10 33.00' 105705.903 495446.110

477 | 130+22.09 | 0.00' | 105562.318 | 499382.358

32 33

THAT PART OF GOVERNMENT LOT 2, AND GOVERNMENT LOT 4, OF SECTION 32, TOWNSHIP 40 NORTH, RANGE 10 EAST, TOWN OF LINCOLN, THAT PART OF GOVERNMENT LOT 2 OF SECTION 32, TOWNSHIP 40 NORTH, RANGE 10 EAST, CITY OF EAGLE RIVER, VILAS COUNTY, WISCONSIN.

STH 70, WOODRUFF - EAGLE RIVER, CTH H TO USH 45 NORTH, VILAS COUNTY

THE STATE OF WISCONSIN HAS DEEMED IT NECESSARY TO MONUMENT RIGHT-OF-WAY INTERESTS PREVIOUSLY ACQUIRED UNDER SECTIONS 82.01, 82.31(1), 82.31(2), AND 84.09 OF THE WISCONSIN STATE STATUTES AND DOES HEREBY CERTIFY THE DEPARTMENT OF TRANSPORTATION HAS SURVEYED THE HIGHWAY RIGHT-OF-WAY; THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND SHOWS ACCURATE MEASUREMENTS THEREOF.

-UTILITY INFORMATION IS NOT SHOWN ON THIS PLAT.
-FOR ADDITIONAL INFORMATION REFER TO TITLE SHEET RECORDED AS SHEET 2 OF 2 TRANSPORTATION PROJECT PLAT NO: 9080-14-22-4.01.
RECORDED IN VILAS COUNTY REGISTER OF DEEDS AS DOCUMENT NUMBER: 579570

NOTES:
--VILAS CO. MAP AND CSM NUMBERS ARE FOR REFERENCE ONLY, DERIVED FROM VILAS COUNTY GIS MAPPING.

- IRON PINS WERE LOCATED AND CONSIDERED IN RIGHT OF WAY LOCATION DETERMINATIONS, AND ARE NOT INTENDED TO REPRESENT PROPERTY BOUNDARIES ON THIS PLAT.

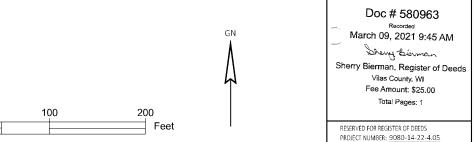
- POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), - VILAS COUNTY, NAD83(2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

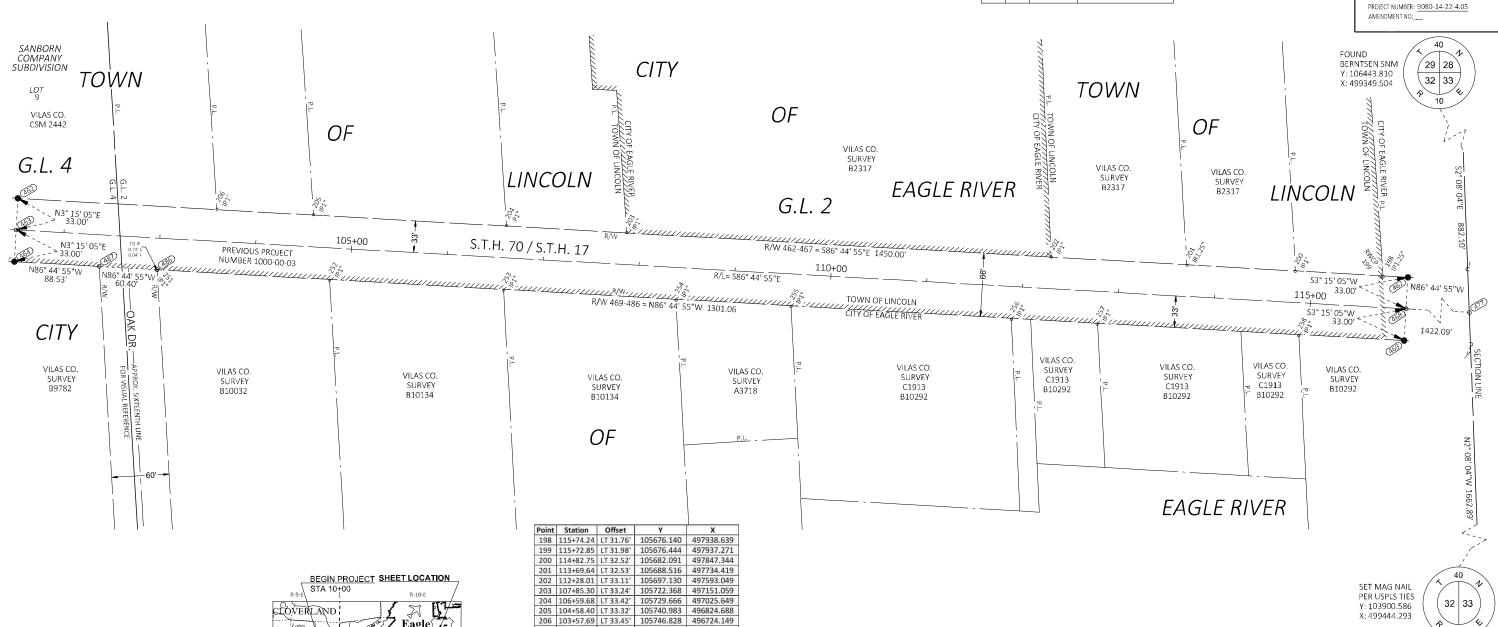
- ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{4}$ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

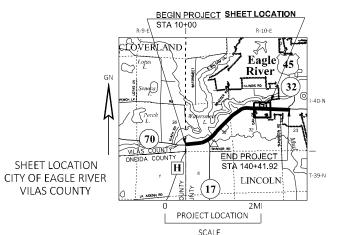
FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER, WIL

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL INCLUDE: S.T.H. 70/17 - VILAS CO. SURVEY MAPS (AS SHOWN IN DETAIL), PROJECT ID 1000-00-03

OAK DRIVE - VILAS CO. SURVEY MAPS B9782, B10032, WISLR DATA BASE, EXISTING CL AND FOUND MONUMENTS. RWCP = RIGHT OF WAY CHANNEL POST.







251 102+99.02 33.73' 105683.079 496661.765 252 104+79.02 33.85' 105672.754 496841.465 105662.372 497022.673 253 106+60.53 33.94' 254 108+40.38 33.94' 105652.172 497202.235 105645.379 497321.975 255 109+60.31 33.93' 256 111+90.22 34.17' 105632.102 497551.505 257 112+79.93 34.13' 105627.049 497641.074 258 114+89.98 34.18' 105615.089 497850.783 462 101+50.00 LT 33.00' 105758.157 496516.766
 463
 101+50.00
 0.00'
 105725.210
 496514.894

 464
 101+50.00
 33.00'
 105692.264
 496513.022
 467 | 116+00.00 | LT 33.00' | 105675.920 | 497964.432 468 116+00.00 0.00' 105642.973 497962.560 469 116+00.00 33.00' 105610.026 497960.688 477 130+22.09 0.00' 105562.318 499382.358 486 102+98.94 33.00' 105683.816 496661.721 487 102+38.53 33.00' 105687.242 496601.414

COMPLIANCE WITH THE PROVISIONS OF SECTION 84.095 OF THE WISCONSIN STATUTES AND UNDER THE DIRECTION OF THE DEPARTMENT OF TRANSPORTATION, I HAVE SURVEYED AND MAPPED THIS TRANSPORTATION PROJECT PLAT AND SUCH PLAT CORRECTLY REPRESENTS ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND SIGNATURE: DATE: 1/4/2021 CHAD A. BESAW REGISTRATION NUMBER: S-3029



THIS PLAT IS APPROVED FOR THE WISCONSIN DEPARTMENT OF TRANSPORTATION - NC REGION - RHIINELANDER OFFICE

SIGNATURE: Brent 2 Stella PRINT NAME: Brent L Stella

ENGINEERING LARCHITECTURE LSURVEYING FUNDING | PLANNING | ENVIRONMENTAL 35 North Stevens Street, Rhinelander WI 54501 (715) 362-3244 www.msa-ps.com

PLOT SCALE :

1 IN:100 FT

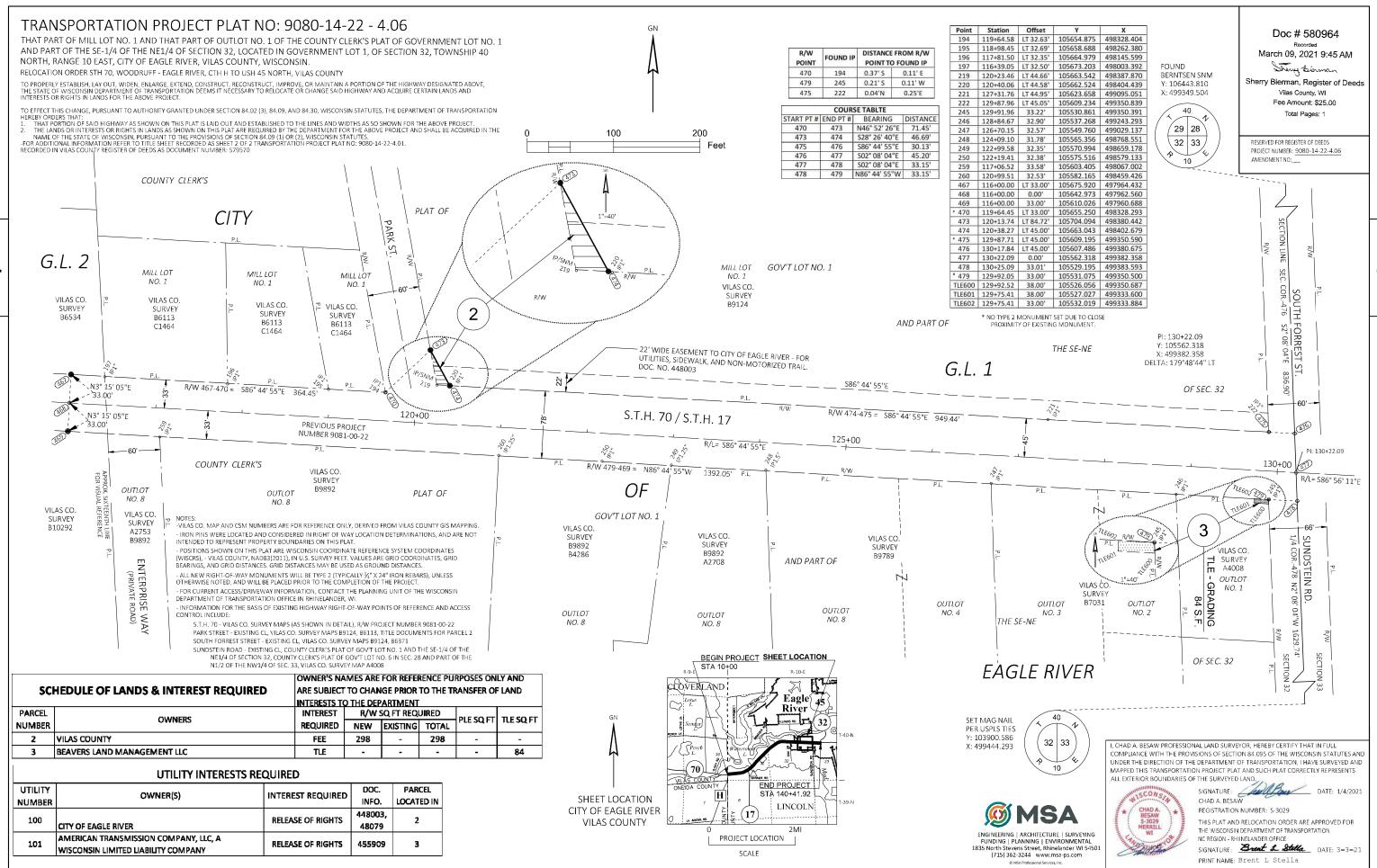
G:\00\00093\00093522\CADD\RW\9080-14-22 STH 70 ERW.DWG

3/3/2021 11:47 AM

CHAD BESAW

PLOT NAME

, CHAD A. BESAW PROFESSIONAL LAND SURVEYOR, HEREBY CERTIFY THAT IN FULL



FILE NAME: APPRAISAL PLAT DATE: 1/4/2021 3/3/2021 11:47 AM

CHAD BESAW PLOT BY:

PLOT NAME

PLOT SCALE

1 IN:100 FT

9080-14-22- 4.06

TRANSPORTATION PROJECT PLAT NO: 9080-14-22 - 4.07

THAT PART OF OUTLOT NO. 16 OF THE COUNTY CLERK'S PLAT OF GOV'T LOT NO. 6 IN SECTION 28 AND PART OF THE NORTH 1/2 OF THE NORTHWEST 1/4 OF SECTION 33, LOCATED IN THE NORTHWEST 1/4 - NORTHWEST 1/4, OF SECTION 33, TOWNSHIP 40 NORTH, RANGE 10 EAST, CITY OF EAGLE RIVER, VILAS COUNTY, WISCONSIN,

RELOCATION ORDER STH 70, WOODRUFF - EAGLE RIVER, CTH H TO USH 45 NORTH, VILAS COUNTY

TO PROPERLY ESTABLISH, LAY OUT, WIDEN, ENLARGE, EXTEND, CONSTRUCT, RECONSTRUCT, IMPROVE, OR MAINTAIN A PORTION OF THE HIGHWAY DESIGNATED ABOVE, THE STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DEEMS IT NECESSARY TO RELOCATE OR CHANGE SAID HIGHWAY AND ACQUIRE CERTAIN LANDS AND INTERESTS OR RIGHTS IN LANDS FOR THE ABOVE PROJECT.

TO EFFECT THIS CHANGE, PURSUANT TO AUTHORITY GRANTED UNDER SECTION 84.02 (3), 84.09, AND 84.30, WISCONSIN STATUTES, THE DEPARTMENT OF TRANSPORTATION

HEREBY ORDERS THAT:

1. THAT PORTION OF SAID HIGHWAY AS SHOWN ON THIS PLAT IS LAID OUT AND ESTABLISHED TO THE LINES AND WIDTHS AS SO SHOWN FOR THE ABOVE PROJECT.

2. THE LANDS OR INTERESTS OR RIGHTS IN LANDS AS SHOWN ON THIS PLAT ARE REQUIRED BY THE DEPARTMENT FOR THE ABOVE PROJECT AND SHALL BE ACQUIRED IN THE NAME OF THE STATE OF WISCONSIN, PURSUANT TO THE PROVISIONS OF SECTION 84.09 (1) OR (2), WISCONSIN STATUTES.

-FOR ADDITIONAL INFORMATION REFER TO TITLE SHEET RECORDED AS SHEET 2 OF 2 TRANSPORTATION PROJECT PLAT NO: 9080-14-22-4.01.
RECORDED IN VIJAS COUNTY REGISTER OF DEEDS AS DOCUMENT NUMBER: 579570

NOTES: --VILAS CO. MAP AND CSM NUMBERS ARE FOR REFERENCE ONLY, DERIVED FROM VILAS COUNTY GIS MAPPING. - IRON PINS WERE LOCATED AND CONSIDERED IN RIGHT OF WAY LOCATION DETERMINATIONS, AND ARE NOT INTENDED TO REPRESENT PROPERTY BOUNDARIES ON THIS PLAT.

- POSITIONS SHOWN ON THIS PLAT ARE WISCONSIN COORDINATE REFERENCE SYSTEM COORDINATES (WISCRS), VILAS 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.

- ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY $\frac{3}{2}$ " X 24" IRON REBARS), UNLESS OTHERWISE NOTED, AND WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

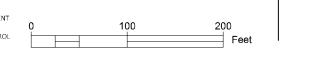
- FOR CURRENT ACCESS/DRIVEWAY INFORMATION, CONTACT THE PLANNING UNIT OF THE WISCONSIN DEPARTMENT OF TRANSPORTATION OFFICE IN RHINELANDER, WI.

INFORMATION FOR THE BASIS OF EXISTING HIGHWAY RIGHT-OF-WAY POINTS OF REFERENCE AND ACCESS CONTROL

S.T.H. 70 - VILAS CO. SURVEY MAPS (AS SHOWN IN DETAIL), R/W PROJECT NUMBER 1601-14-21

U.S.H. 45/BRIDGE STREET - PREVIOUS PROJECT NUMBER 1601-14-21 SOUTH FORREST STREET - EXISTING CL, VILAS CO. SURVEY MAPS B9124, B6371

SUNDSTEIN ROAD - EXISTING CL. COUNTY CLERK'S PLAT OF GOV'T LOT NO. 1 AND THE SE-1/4 OF THE



Doc # 580965

FOUND

MAG NAII

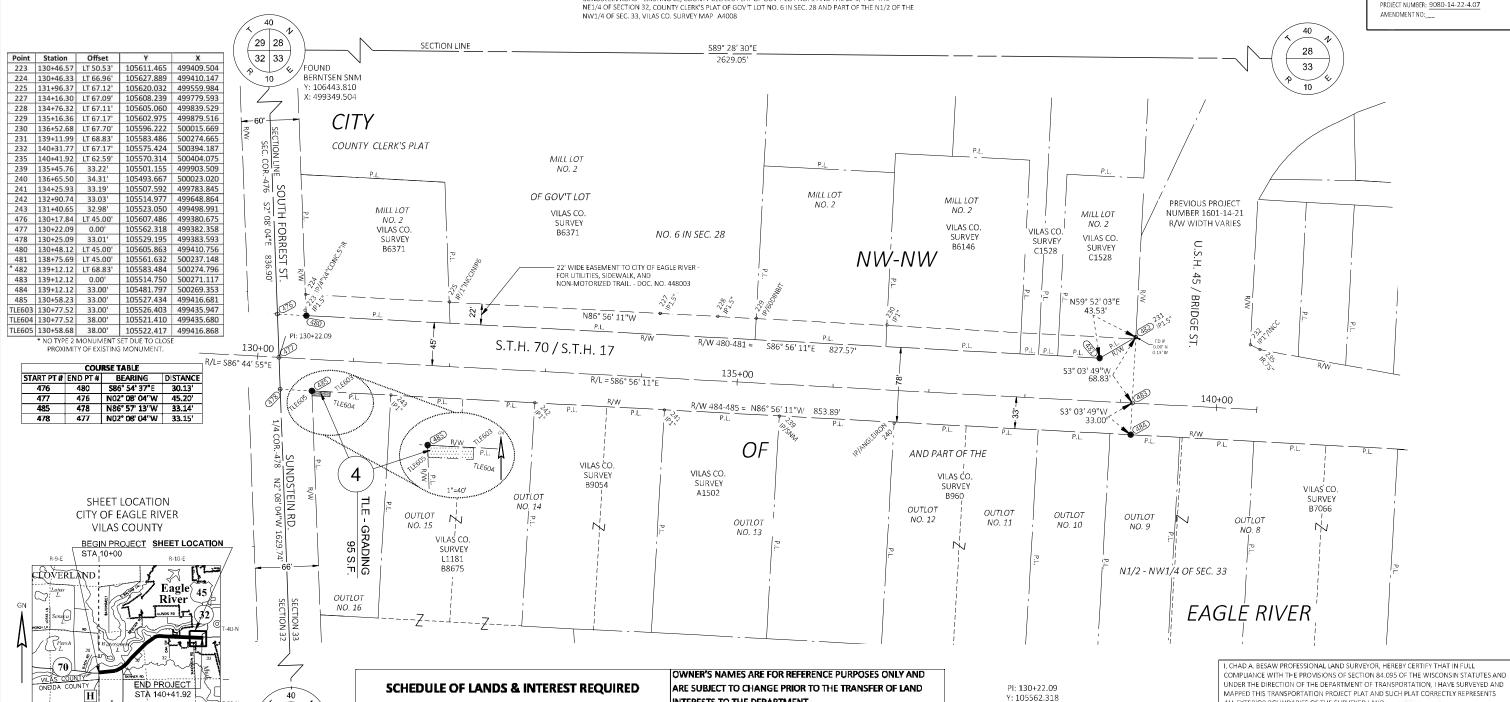
Y: 106419.721

X: 501978.448

March 09, 2021 9:45 AM

Sherry Biorman Sherry Bierman, Register of Deeds Vilas County, WI Fee Amount: \$25.00 Total Pages: 1

RESERVED FOR REGISTER OF DEEDS PROJECT NUMBER: 9080-14-22-4.07



FILE NAME: G:\00\00093\00093522\CADD\RW\9080-14-22 STH 70 ERW.DWG APPRAISAL PLAT DATE: 1/4/2021

PROJECT LOCATION

SCALE

LINCOLN

PARCEL

NUMBER

LOIS FRYATT GOUGH

32 | 33

10

SET MAG NAIL

PER USPLS TIES

Y: 103900.586

X: 499444 293

OWNERS

3/3/2021 11:47 AM

INTERESTS TO THE DEPARTMENT

INTEREST

REQUIRED

TLE

R/W SQ FT REQUIRED

NEW EXISTING TOTAL

CHAD BESAW PLOT BY:

LE SQ FT TLE SQ FT

95

PLOT NAME

X: 499382.358

DELTA: 179°48'44" LT

PLOT SCALE 1 IN:100 FT

ALL EXTERIOR BOUNDARIES OF THE SURVEYED LAND

THE WISCONSIN DEPARTMENT OF TRANSPORTATION NC REGION - RHIINELANDER OFFICE SIGNATURE: Brent & Stella

SIGNATURE: DATE: 1/4/2021 CHAD A. BESAW

THIS PLAT AND RELOCATION ORDER ARE APPROVED FOR

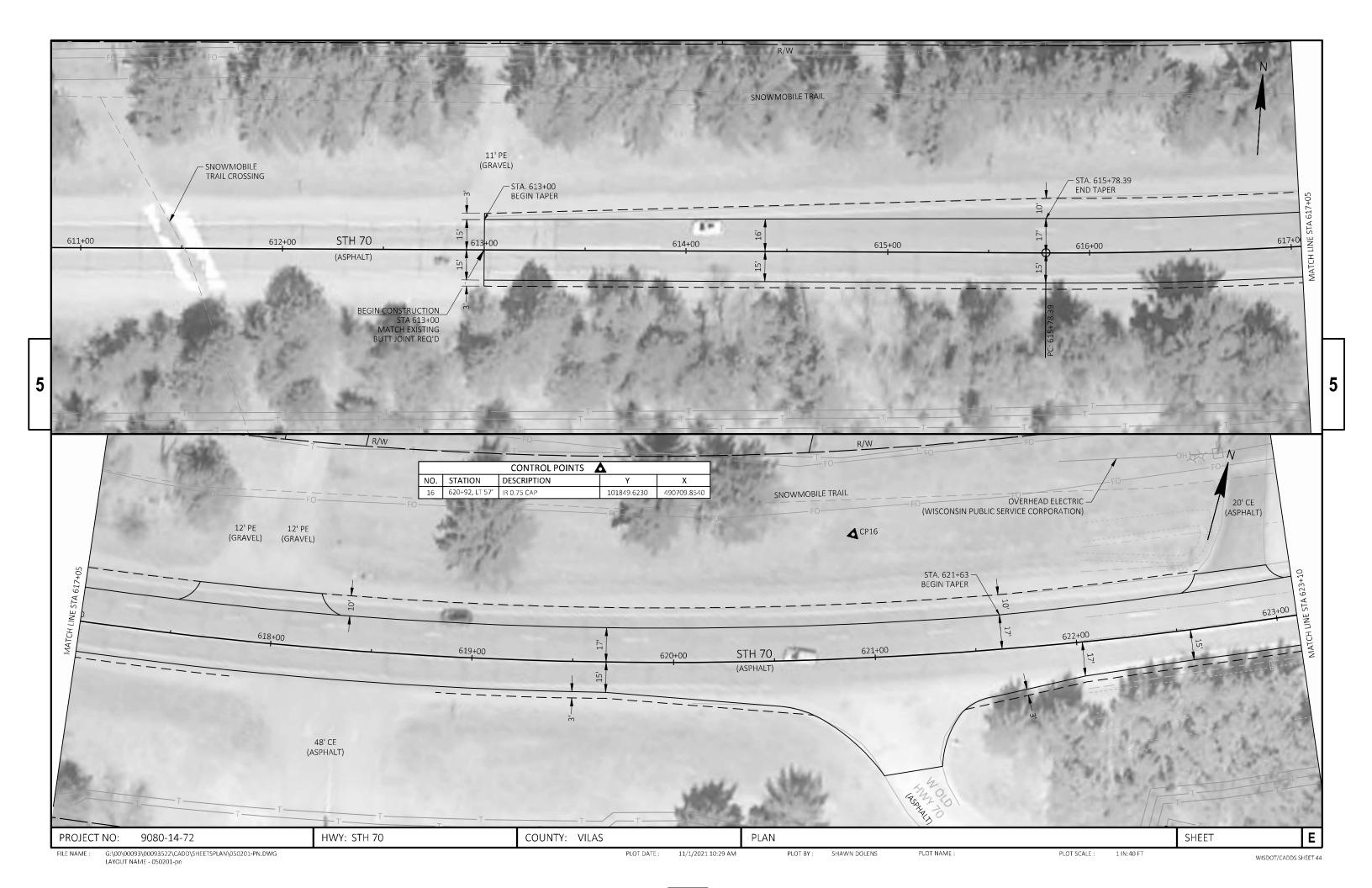
PRINT NAME: Brent L Stella

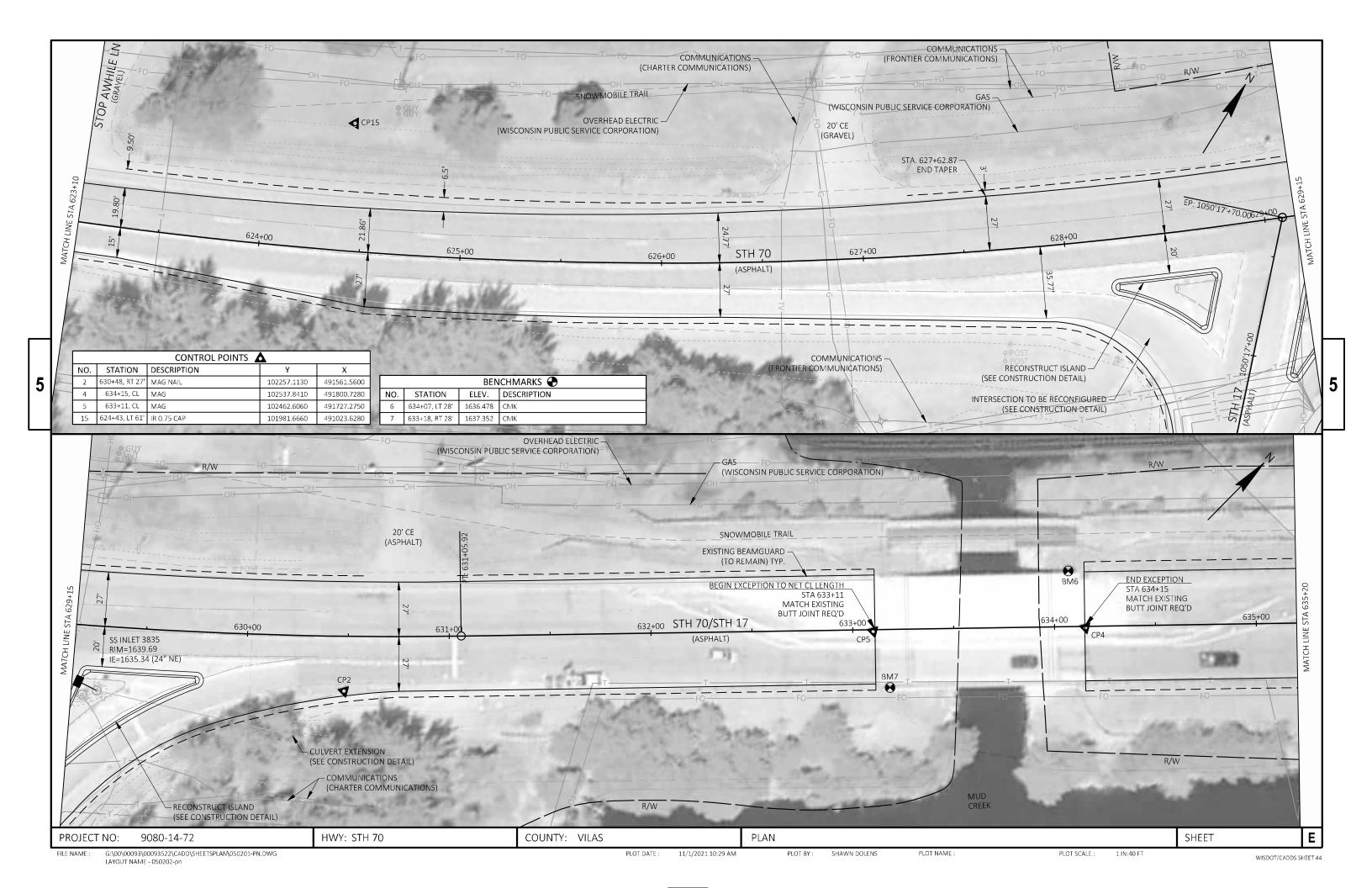
REGISTRATION NUMBER: S-3029

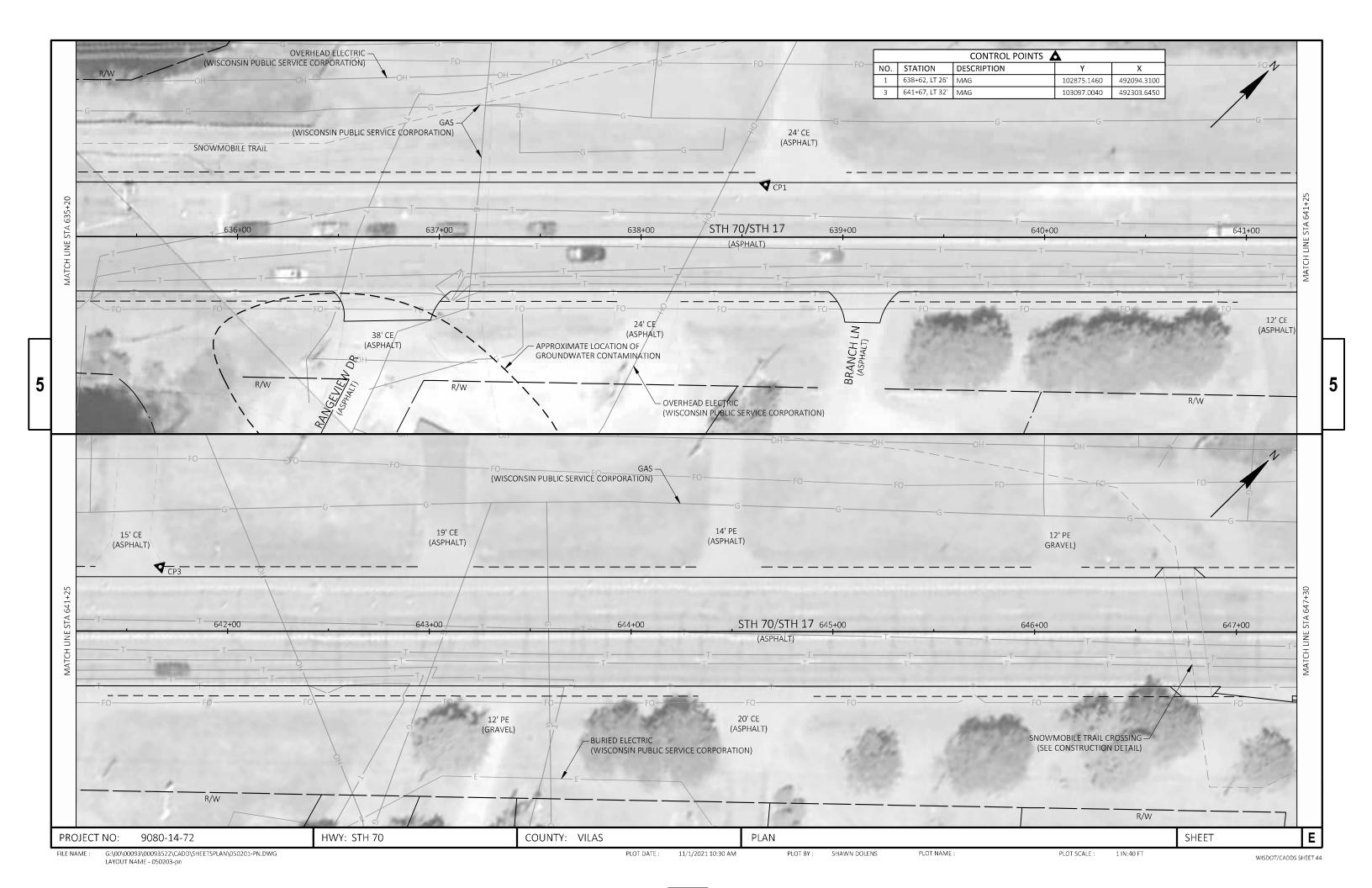
9080-14-22- 4.07

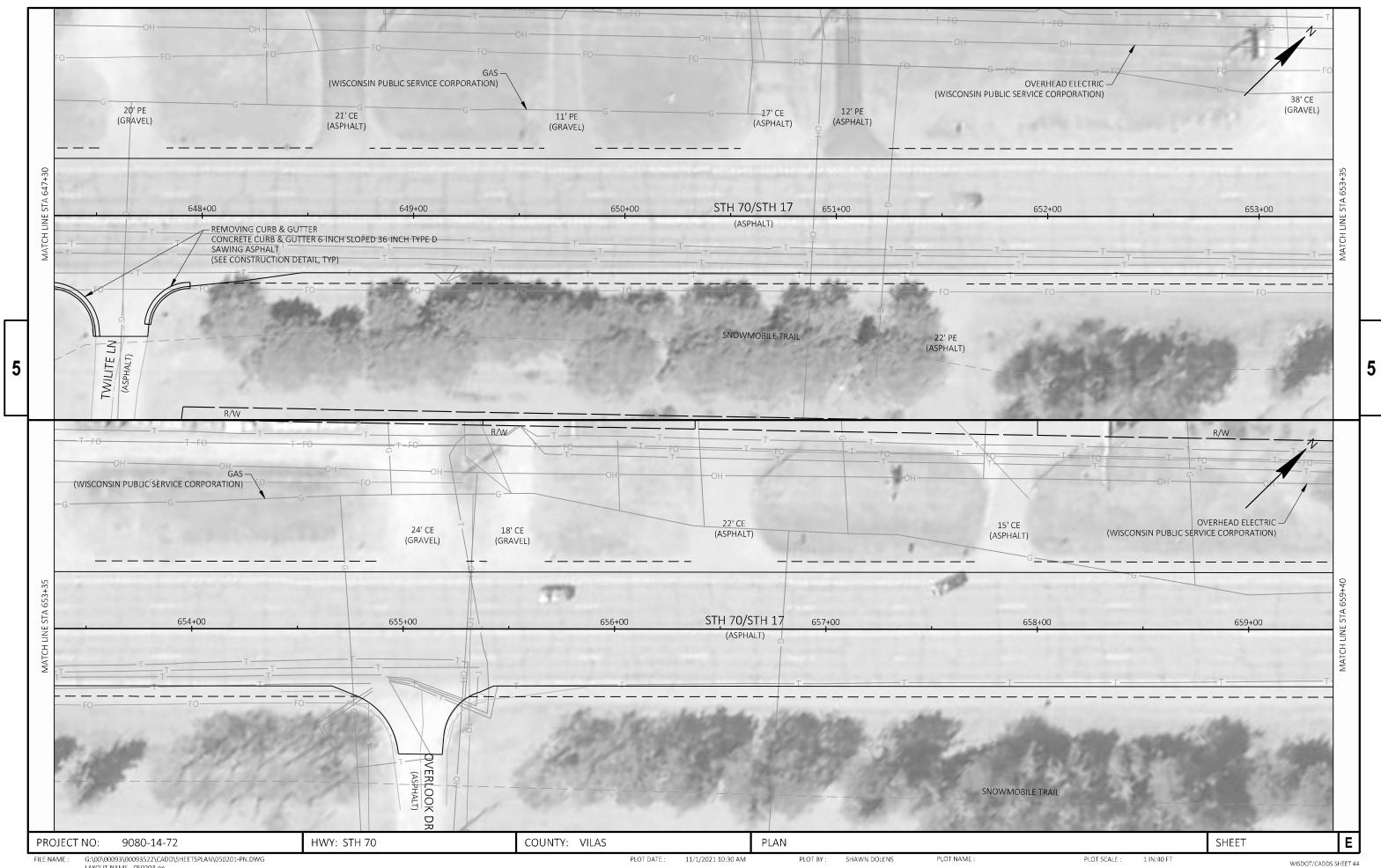
ENGINEERING | ARCHITECTURE | SURVEYING FUNDING | PLANNING | ENVIRONMENTAL

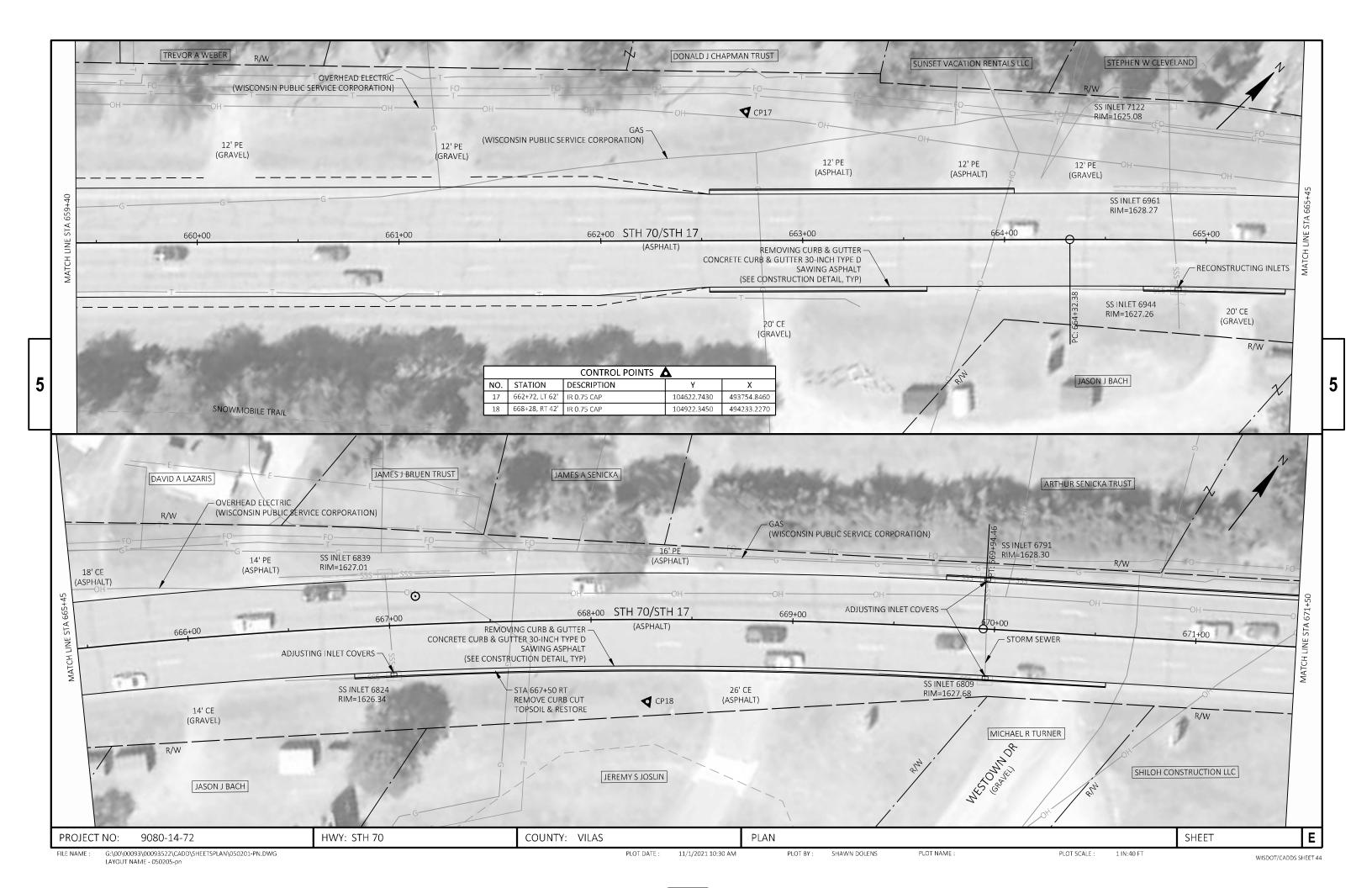
1835 North Stevens Street, Rhinelander WI 5450 (715) 362-3244 www.msa-ps.com

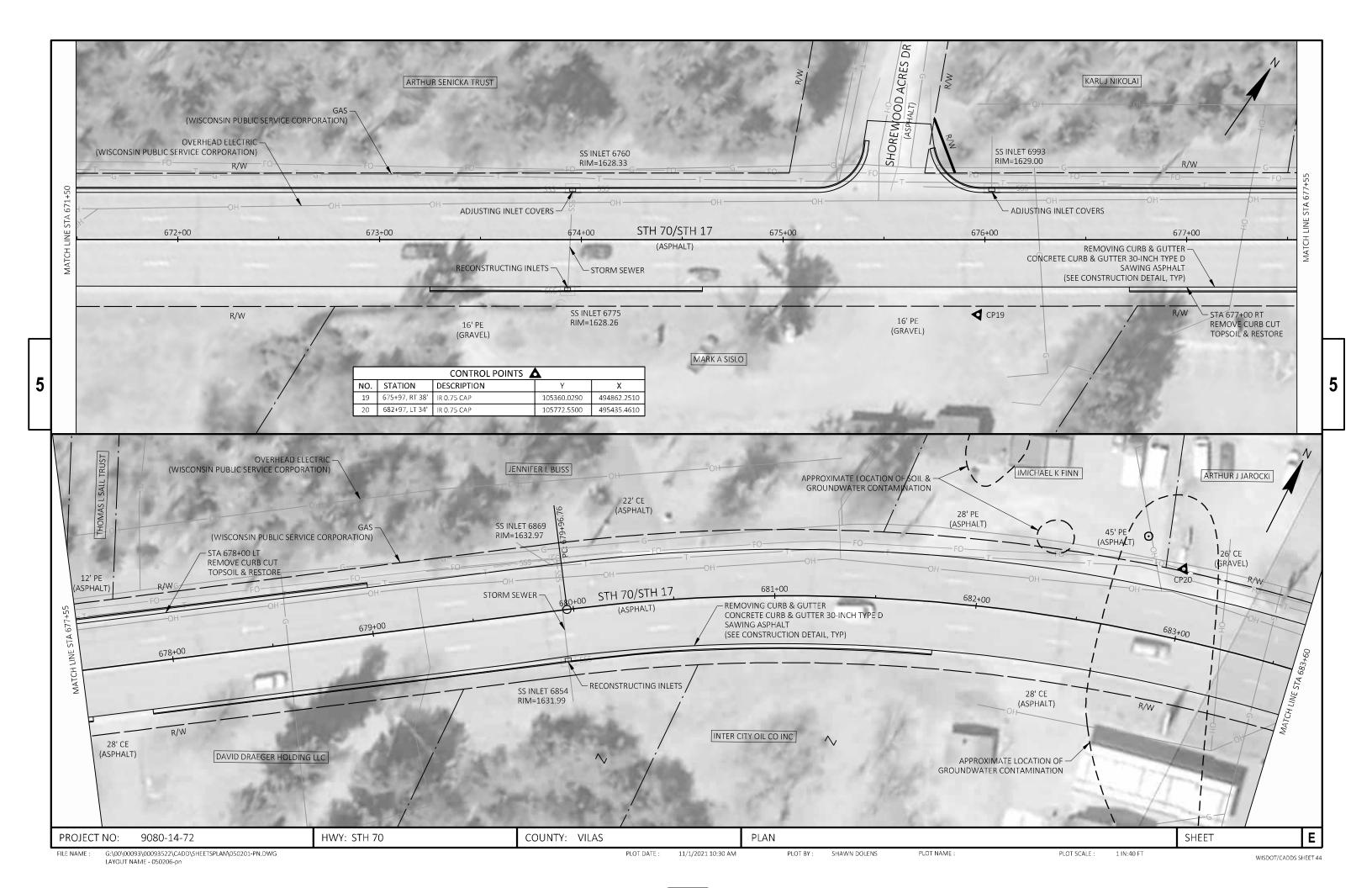


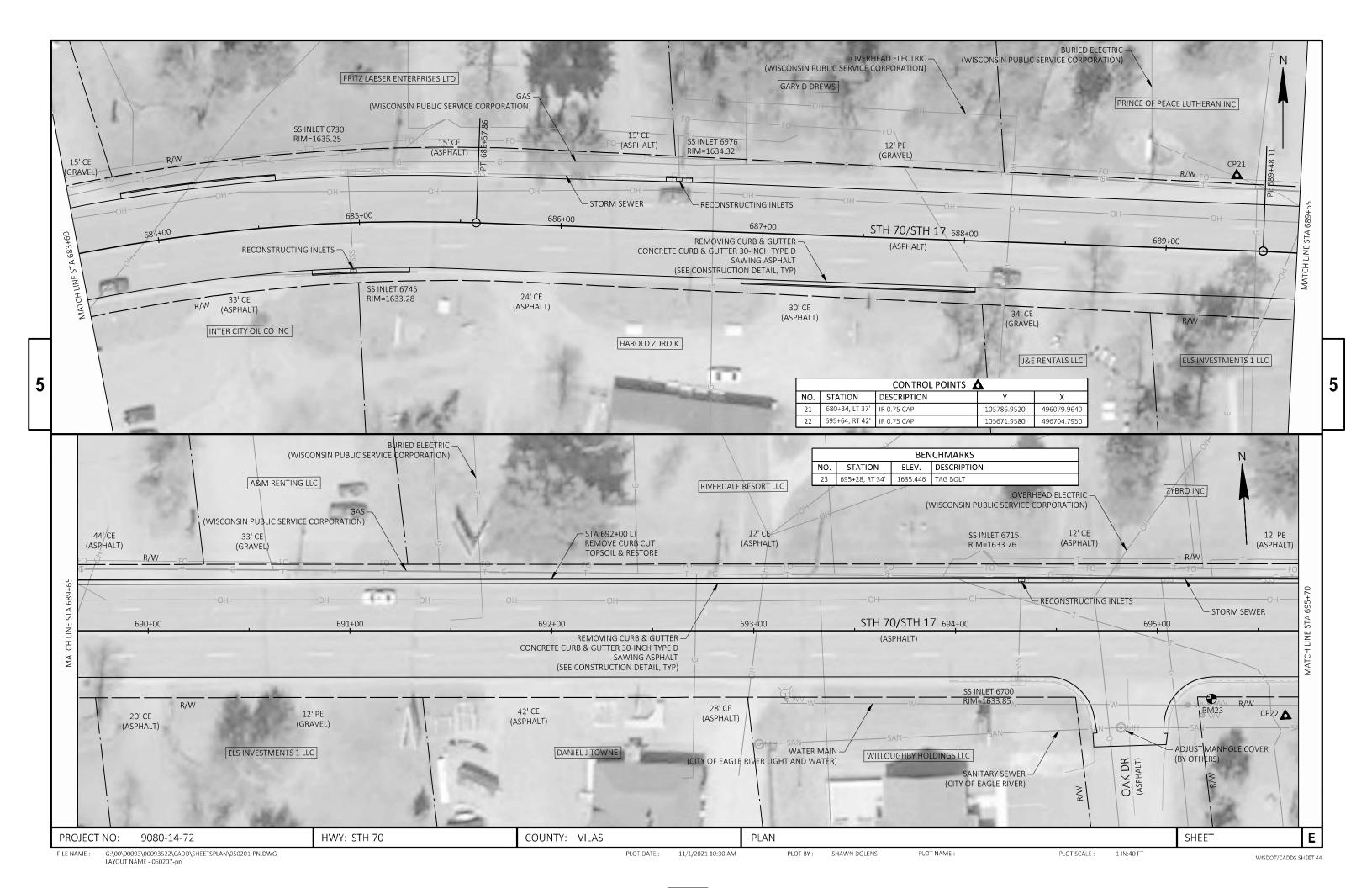


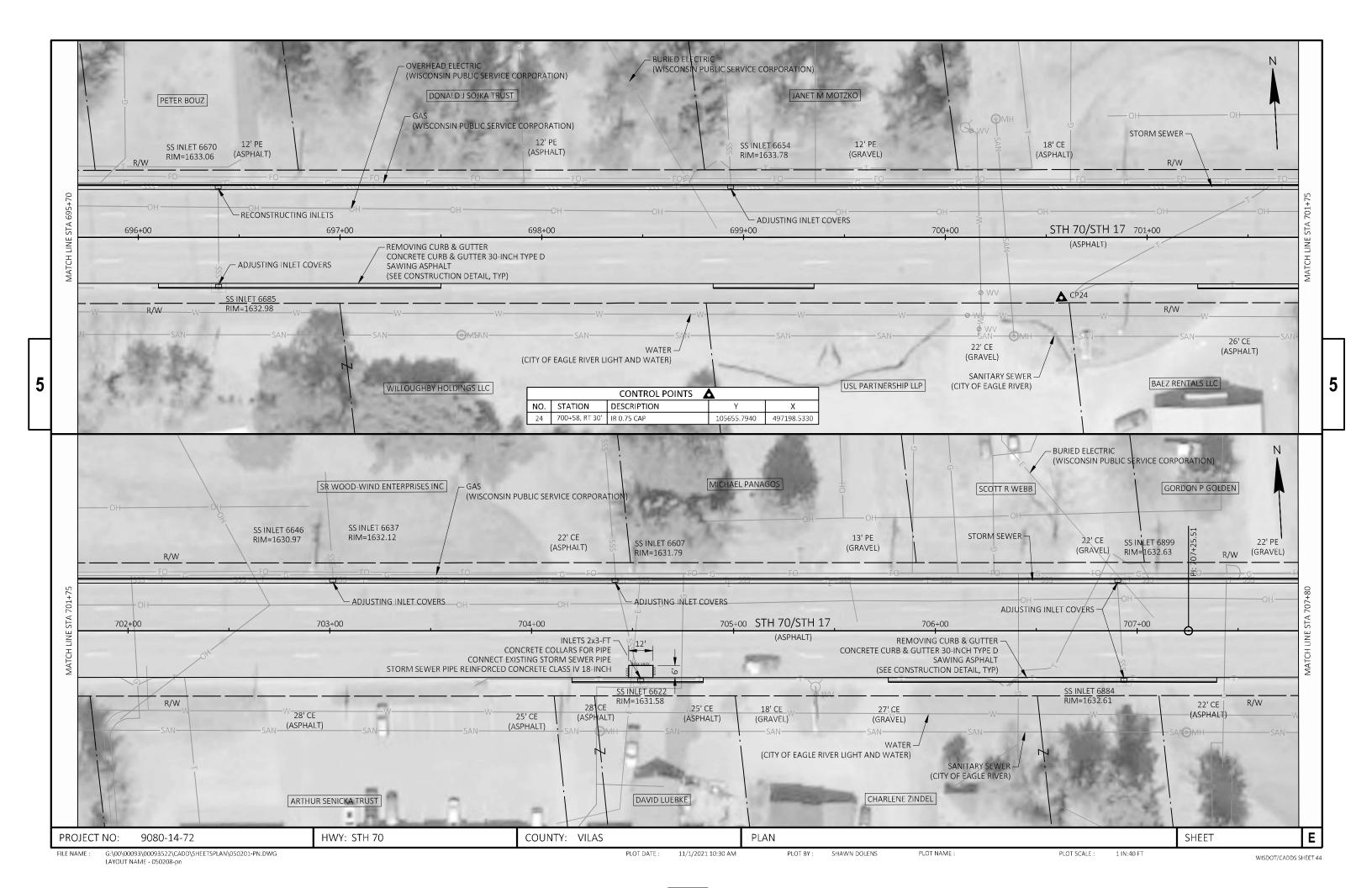


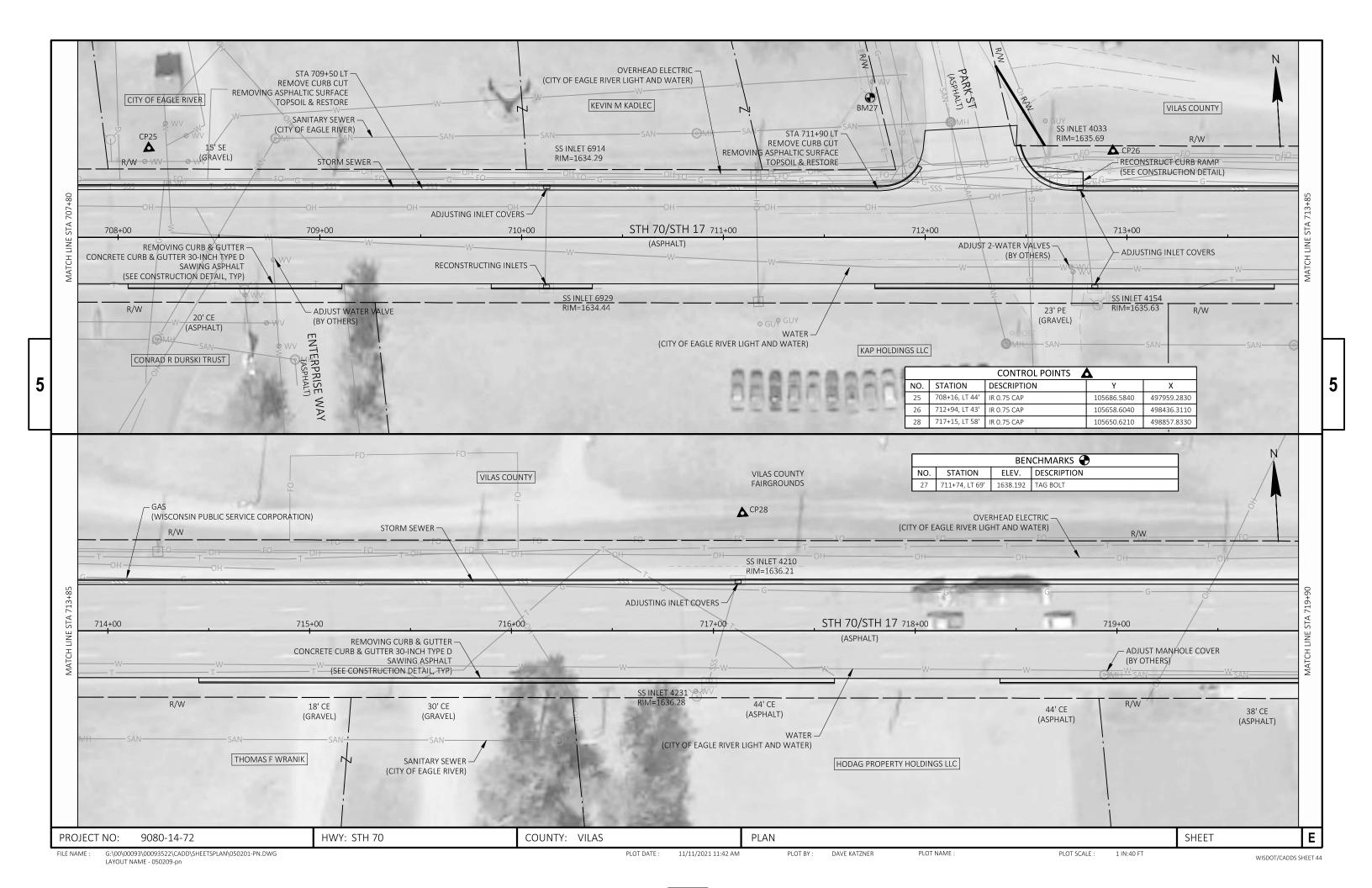


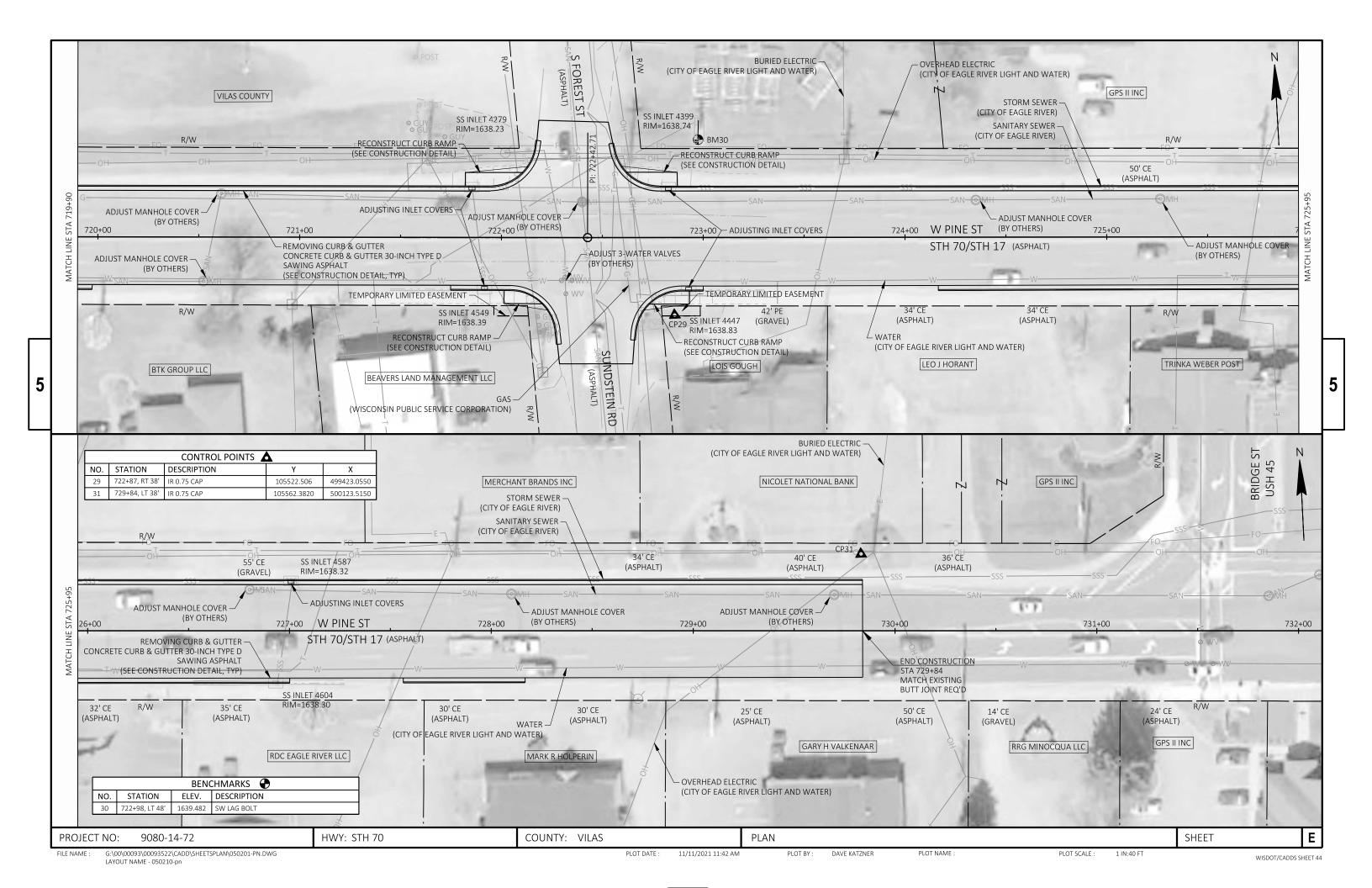


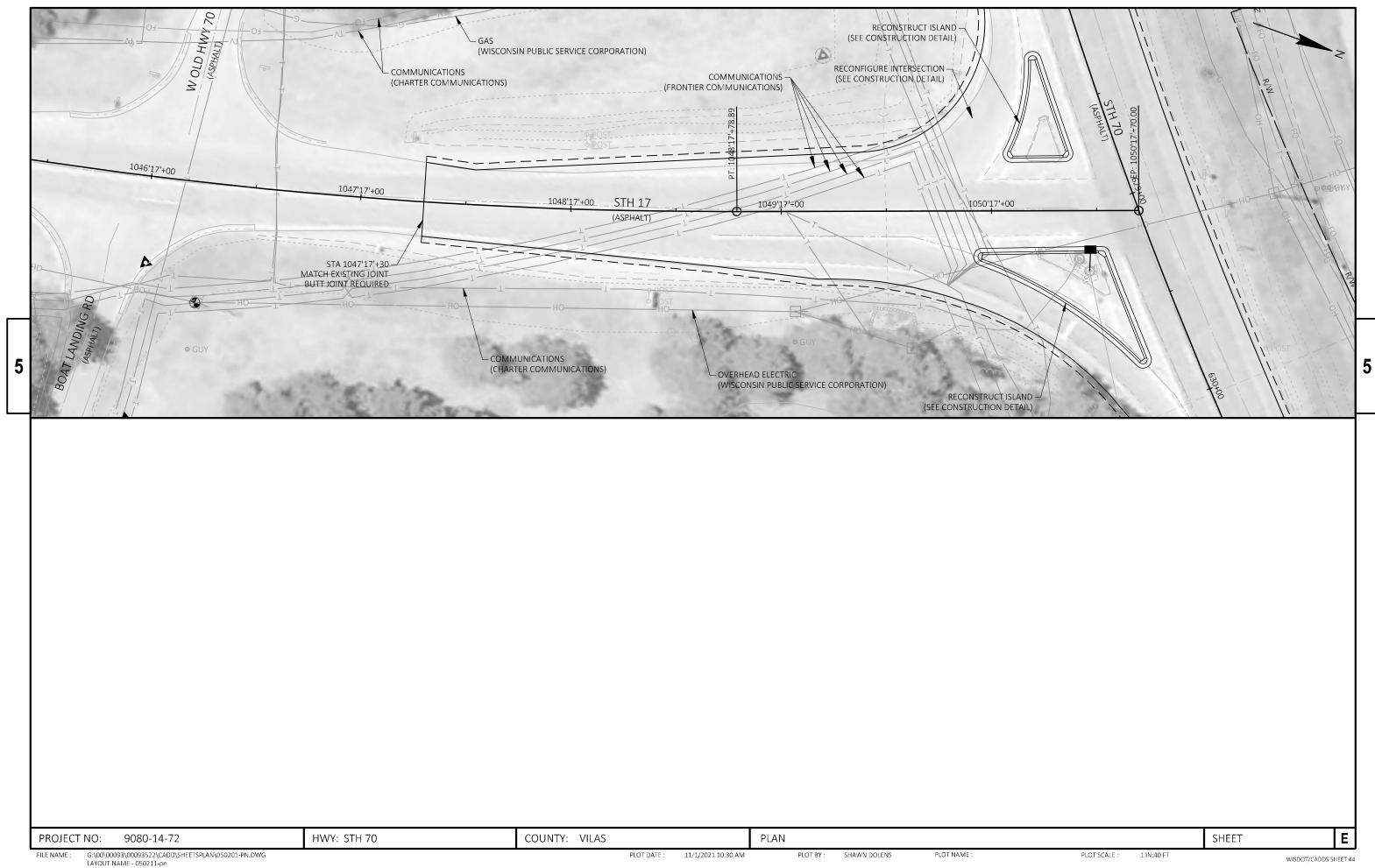






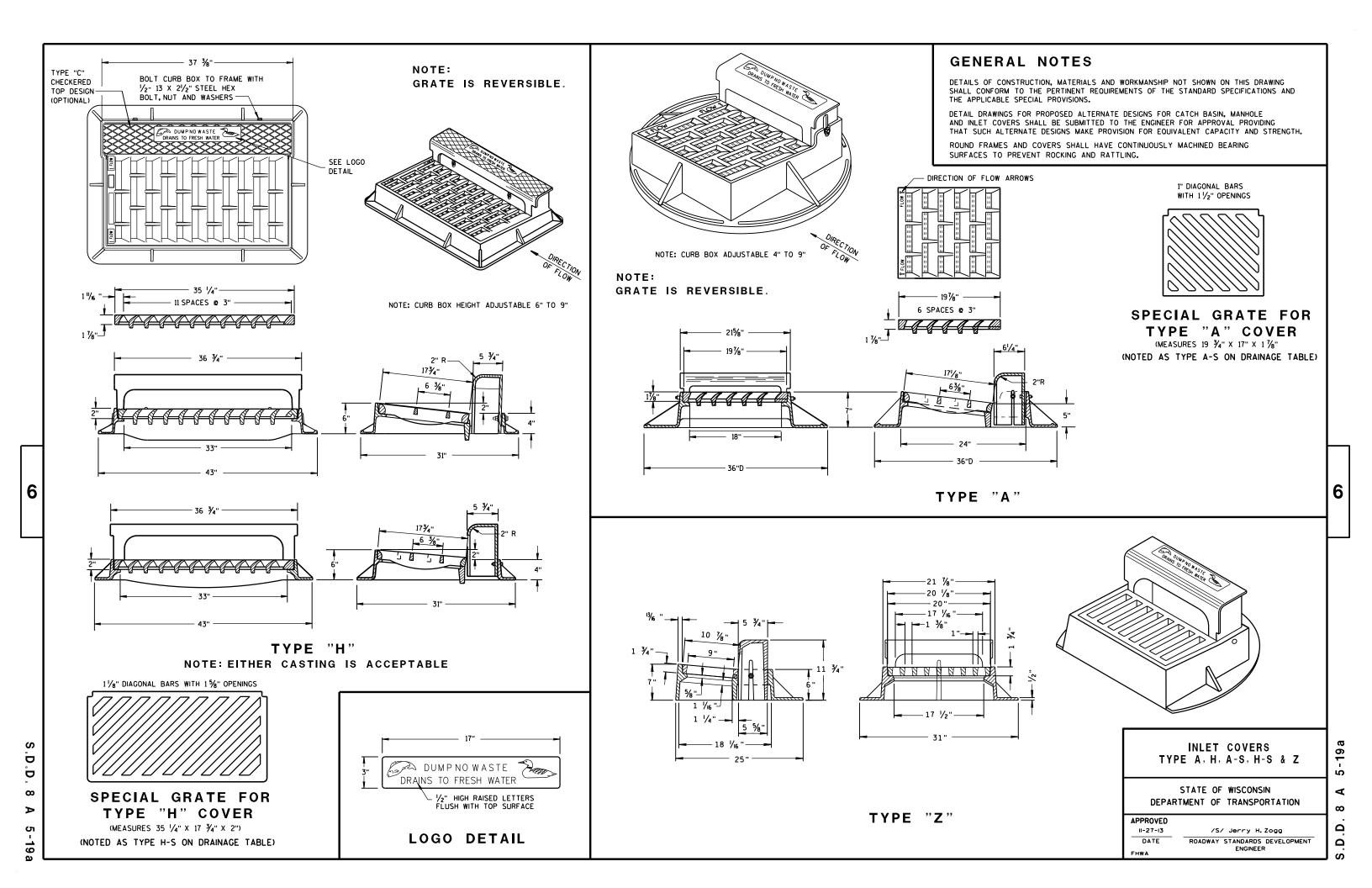


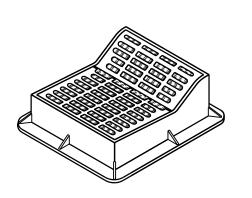


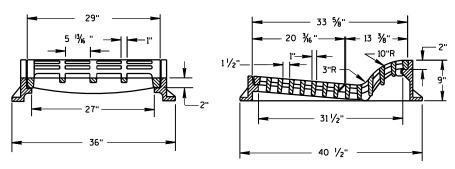


Standard Detail Drawing List

| 08A05-19A | INLET COVERS TYPE A, H, A-S, H-S & Z |
|------------------------|--|
| 08A05-19C | INLET COVERS TYPE F, HM, HM-S, S, T, V, HM-GJ, & HM-GJ-S |
| 08c07-02 | INLETS 2X2-FT, 2X2.5-FT, 2X3-FT AND 2.5X3-FT |
| 08D01-22A | CONCRETE CURB & GUTTER |
| 08D01-22B | CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS |
| 08D04-05 | CONCRETE SURFACE DRAINS & ASPHALTIC FLUMES |
| 08D05-20A | CURB RAMPS TYPES 1 AND 1-A |
| 08D05-20B | CURB RAMPS TYPES 2 AND 3 |
| 08D05-20C | CURB RAMPS TYPES 4A AND 4A1 |
| 08D05-20D | CURB RAMPS TYPE 4B AND 4B1 |
| 08D05-20E | CURB RAMPS TYPES 5, 6, 7A, 7B & 8 |
| 08D05-20F | CURB RAMPS RADIAL DETECTABLE WARNING FIELD APPLICATIONS |
| 08D05-20G | CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES |
| 08E08-03 | TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS |
| 08E09-06 | SILT FENCE |
| 08E10-02 | INLET PROTECTION TYPE A, B, C AND D |
| 08F04-07 | JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL |
| 13C18-07A | CONCRETE PAVEMENT JOINTING |
| 13C19-03 | HMA LONGITUDINAL JOINTS |
| 14B29-01 | SAFETY EDGE |
| 15A03-02A | FLEXIBLE MARKER POST FOR CULVERT END |
| 15A03-02B 15C02-08F | FLEXIBLE MARKER POST FOR CULVERT END ADVANCED WIDTH RESTRICTION SIGNING |
| 15C04-05 | TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC |
| 15C05-05 | TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR LESS |
| 15C07-15B | PAVEMENT MARKING WORDS |
| 15C07-15C | PAVEMENT MARKING WORDS PAVEMENT MARKING ARROWS |
| 15C08-20A | LONGITUDINAL MARKING (MAINLINE) |
| 15C08-20C | PAVEMENT MARKING (TURN LANES) |
| 15C11-09A | CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST |
| 15C11-09B | CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS |
| 15C12-07 | TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION |
| 15C18-05A | MEDIAN ISLAND MARKING PAVEMENT MARKINGS |
| 15C18-05B | MEDIAN ISLAND MARKING MEDIAN ISLAND NOSE |
| 15C18-05C | MEDIAN PAVEMENT MARKINGS DOUBLE ARROW WARNING SIGN PLACEMENT |
| 15C19-06A | MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY |
| 15C19-06B | MOVING PAVEMENT MARKING OPERATION MULTI-LANE UNDIVIDED ROADWAY |
| 15C33-04 | STOP LINE AND CROSSWALK PAVEMENT MARKING |
| 15C35-04A | PAVEMENT MARKING (INTERSECTIONS) |
| 15D12-09A | TRAFFIC CONTROL, LANE CLOSURE |
| 15D20-05B | TRAFFIC CONTROL, SINGLE RIGHT LANE CLOSURE, UNDIVIDED NON-FREEWAY/EXPRESSWAY |
| 15D21-07A | TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE |
| 15D21-07B | TRAFFIC CONTROL, INTERSECTION WITHIN SINGLE LANE CLOSURE |
| 15D28-04 | TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY |
| 15D30-06A | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D30-06B | TRAFFIC CONTROL, TEMPORARY ADA COMPLIANT PEDESTRIAN ACCOMMODATION |
| 15D30-06C | TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION |
| 15D39-02 | TRAFFIC CONTROL, DROP-OFF SIGNING |
| 15D40-02A | TRAFFIC CONTROL, FULL LANE SHIFT NON-FREEWAY OR MULTILANE DIVIDED 45 MPH AND UNDER |
| 15D44-02 | TRAFFIC CONTROL, SIGNING ON ROADWAYS WITH MILLED SURFACES |
| 15D51-01 | TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY |



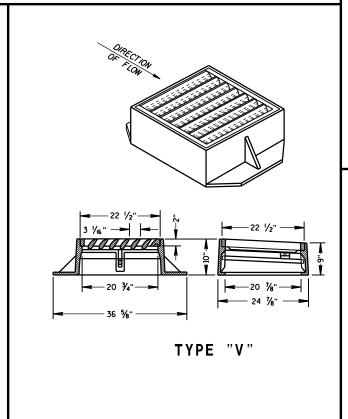




TYPE "F"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

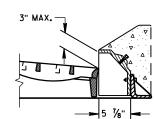
25 1/6" 23 7/6" 23 7/6" 23 7/6" 23 7/6" 23 7/4" R. 3 1/4" R. 3 1/4" R. 3 1/4" S. TYPE "S"



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.

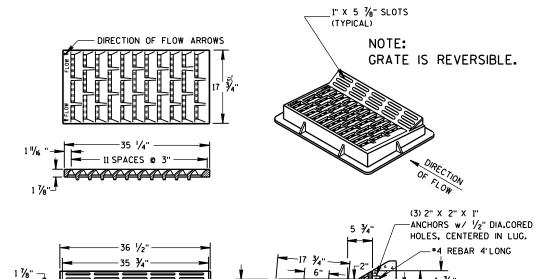
DETAIL DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR INLET COVERS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PROVIDING THAT SUCH ALTERNATE DESIGNS MAKE PROVISION FOR EQUIVALENT CAPACITY AND STRENGTH.



ALTERNATIVE CURB BOX FOR TYPE "HM" COVER

USE WITH TYPES G & J CONCRETE CURB & GUTTER, 30 INCH NOTED AS TYPE HM-GJ ON DRAINAGE TABLE

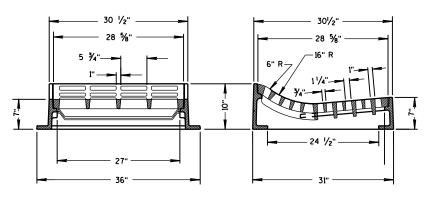
NOIE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM-GJ" COVER
NOTED AS TYPE HM-GJ-S ON DRAINAGE TABLE



TYPE "HM"

USE WITH TYPES A & D CONCRETE CURB & GUTTER, 36 INCH.

NOTE:
SPECIAL GRATE FOR THE
TYPE "H" COVER MAY ALSO BE
USED FOR THE TYPE "HM" COVER
NOTED AS TYPE HM-S ON DRAINAGE TABLE



TYPE "T"

USE WITH TYPES R & T CONCRETE CURB & GUTTER, 36 INCH.



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

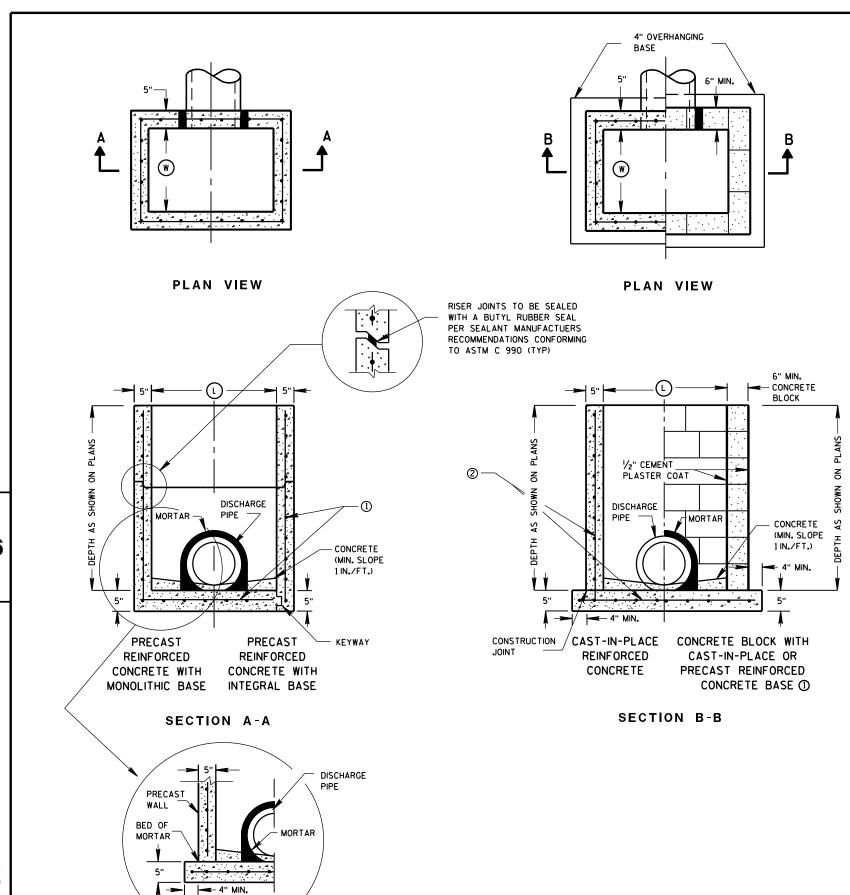
II/27/2013
DATE / /S/ Jerry H. Zogg
ROADWAY STANDARDS DEVELOPMENT ENGINEER

S.D.D. 8

6

8 A 5

ا ا



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.

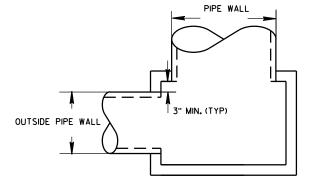
- 1) FOR PRECAST INLETS PROVIDE REINFORCING STEEL IN ACCORDANCE TO ASTM C 913.
- ② CONTRACTOR TO PROVIDE DRAWING(S) STAMPED BY A PROFESSIONAL ENGINEER FOR STEEL REINFORCING DESIGN FOR CAST-IN-PLACE STRUCTURES.

INLET COVER MATRIX

| INLET SIZE | | INLET COVER TYPE | ALL A'S | ALL B'S | BW | F | ALL H'S | S | T | ٧ | WM |
|---------------|----------------|---------------------|---------|---------|----|---|---------|---|---|---|----|
| | WIDTH (V) (FT) | LENGTH (L) (FT) | | | | | | | | | |
| 2X2-FT | 2 | 2 | х | Х | | | | Х | | х | |
| 2X2.5-FT | 2 | 2.5 | | | Х | | | Х | Х | Х | Х |
| 2X3-FT | 2 | 3 | | | | | Х | | | | |
| 2.5X3-FT | 2.5 | 3 | | | | Х | | | | | |

PIPE MATRIX

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



DETAIL "A"

OUTSIDE

6

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Δ

2X3-FT AND 2.5X3-FT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

INLETS 2X2-FT, 2X2.5-FT,

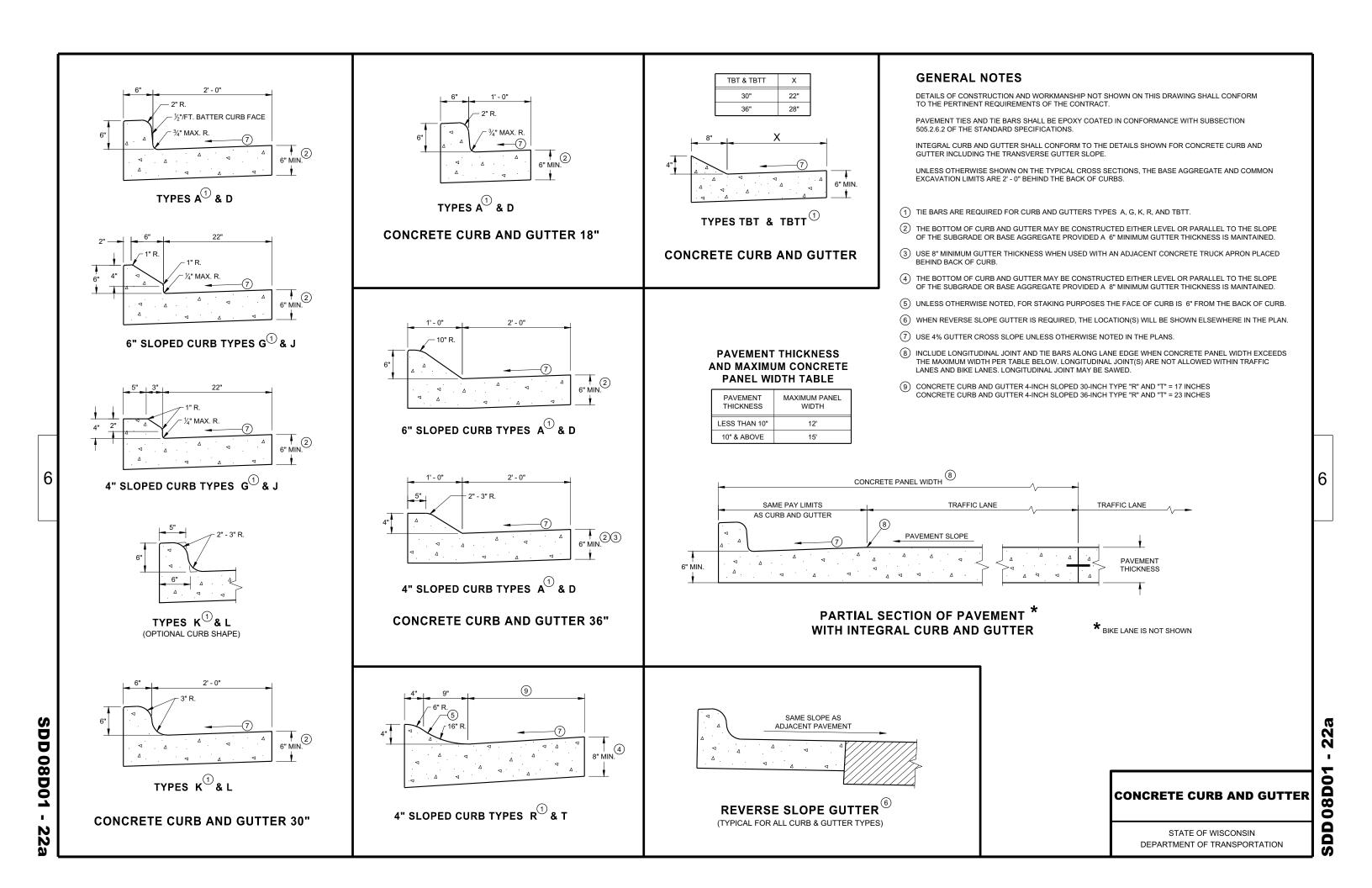
APPROVED

Sept., 2016
DATE
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR

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

SEPARATE PRECAST REINFORCED

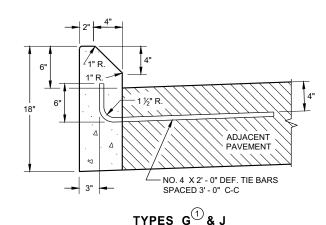
CONCRETE BASE OPTION



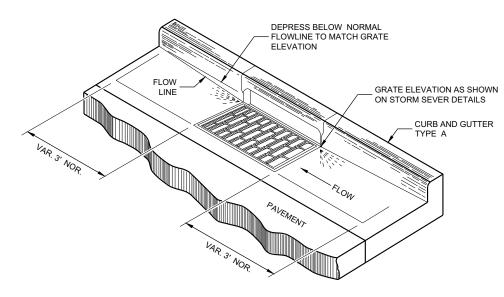
DETAIL OF CURB AND GUTTER AT INLETS (TYPICAL H INLET COVER SHOWN)

½"/FT. BATTER, FACE OF CURB (ABOVE ADJACENT PAVEMENT) ADJACENT PAVEMENT - NO. 4 X 2' - 0" DEF. TIE BARS

TYPES A D



CONCRETE CURB



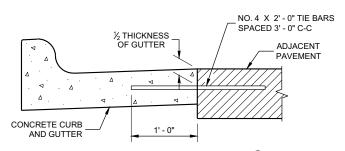
GENERAL NOTES

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

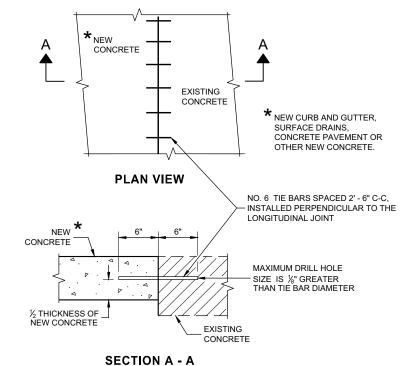
PAVEMENT TIES AND TIE BARS SHALL BE EPOXY COATED IN CONFORMANCE WITH SUBSECTION 505.2.6.2 OF THE STANDARD SPECIFICATIONS.

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

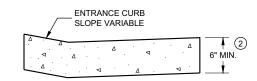
- 1) TIE BARS ARE REQUIRED FOR CURB AND GUTTERS TYPES A, G, K, R, AND TBTT.
- 2 THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE AGGREGATE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.
- 9 REFER TO SDD 08D18 AND 08D19 FOR ADDITIONAL DRIVEWAY ENTRANCE CURB DETAILS.



TYPICAL TIE BAR LOCATION $^{\scriptsize{\scriptsize{\scriptsize{\scriptsize{\scriptsize{1}}}}}}$



TIE BARS DRILLED INTO EXISTING PAVEMENT



DRIVEWAY ENTRANCE CURB® (WHEN DIRECTED BY THE ENGINEER)

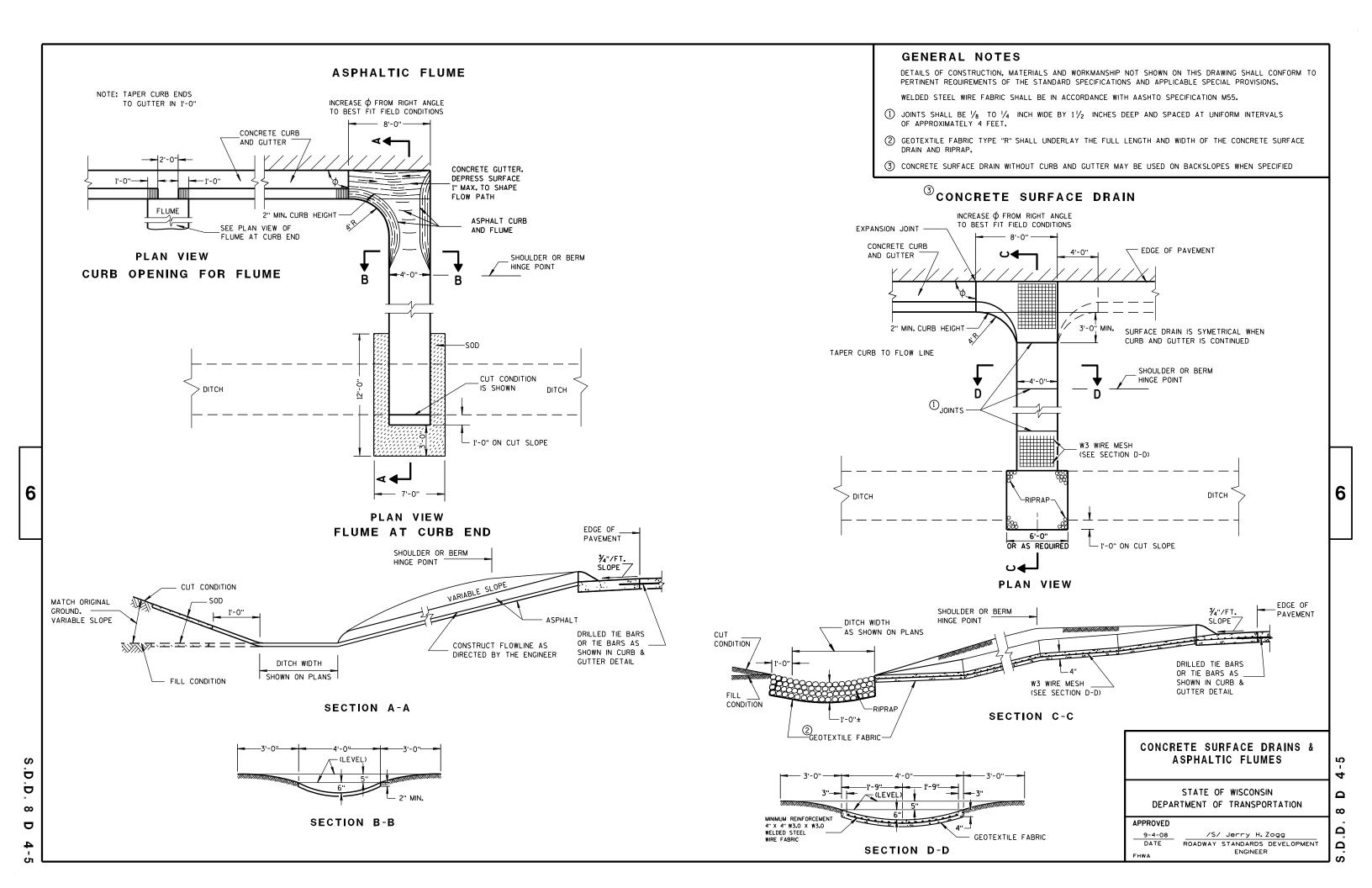
CONCRETE CURB, TIES AND CURB AND GUTTER APPLICATIONS

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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

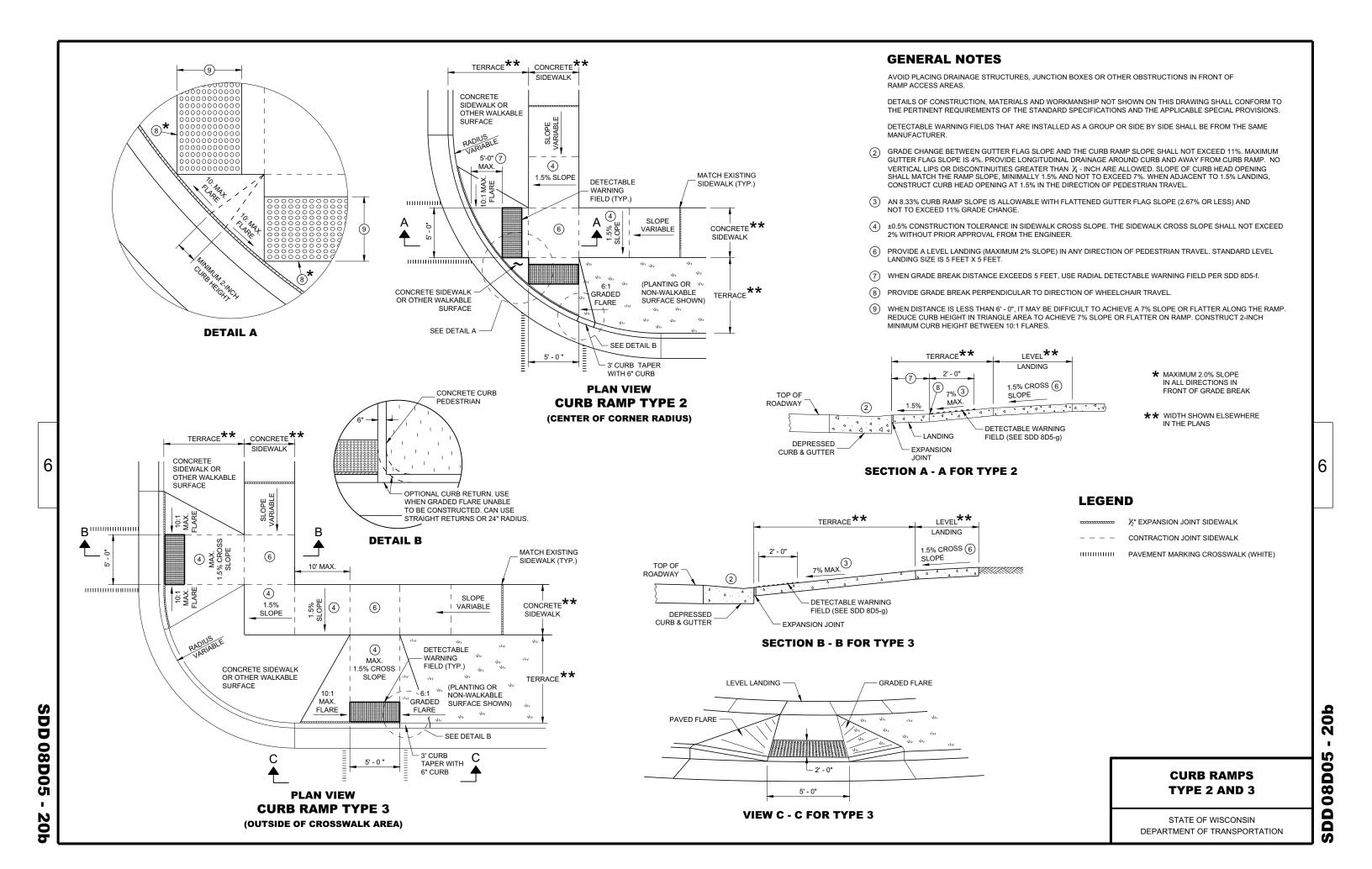
APPROVED /S/ Rodnery Taylor
ROADWAY STANDARDS DEVELOPMENT
ENGINEER February 2021 DATE



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DEPARTMENT OF TRANSPORTATION



SDD 08D05

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08D0

SDD

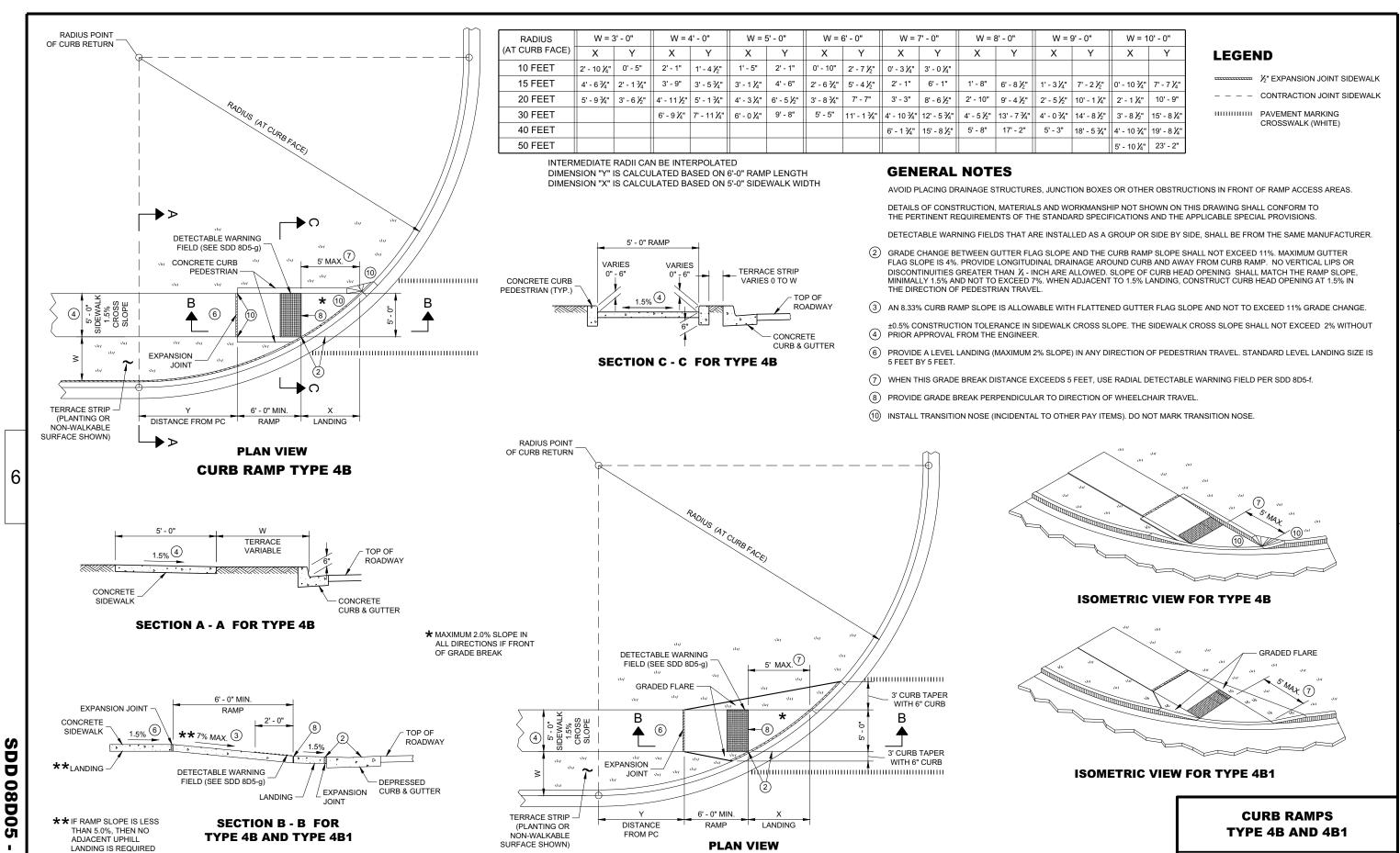
ISOMETRIC VIEW FOR TYPE 4A

GRADED FLARE

ISOMETRIC VIEW FOR TYPE 4A1

CURB RAMPS TYPE 4A AND 4A1

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



CURB RAMP TYPE 4B1

DD 08D05 - 20d

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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08D0

SDD 08D05

DEPRESSED CURB & GUTTER

*** MAXIMUM 8.33%

FIELD (SEE SDD 8D5-a)

SECTION B - B FOR TYPE 4B1

IF RAMP SLOPE IS LESS THAN 5.0%, THEN NO

LANDING IS REQUIRED

ADJACENT UPHILL

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08D05

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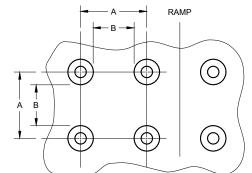
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RADIAL DETECTABLE WARNING **FIELD APPLICATIONS**

> STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION



PLAN VIEW

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

MIN.

1.6"

0.65"

*

0.9"

В

С

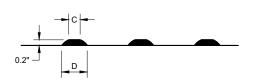
MAX.

2.4"

1.5"

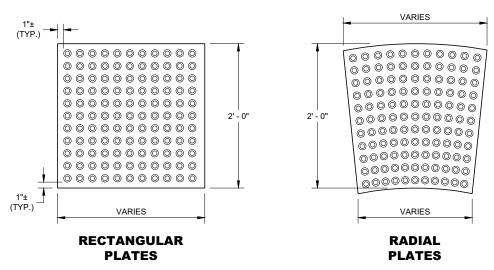
*

1.4"

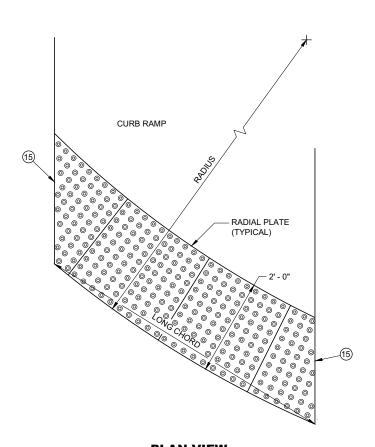


ELEVATION VIEW

TRUNCATED DOMES DETECTABLE WARNING PATTERN DETAIL



PLAN VIEW DETECTABLE WARNING FIELDS (TYPICAL)



GENERAL NOTES

DETECTABLE WARNING FIELDS THAT ARE INSTALLED AT A CURB RAMP SHALL BE FROM THE SAME MANUFACTURER.

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

DETERMINE FINAL RADIAL WARNING FIELD CONFIGURATION AND ITS INDIVIDUAL PLATE LOCATIONS, PERFORM PRE-LAYOUT PRIOR

DO NOT EMBED IN CONCRETE ANY FIELD-CUT PLATES WITH CUT EDGES SHORTER THAN 6 INCHES. CONSULT WITH MANUFACTURER

(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.

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 WEDGE PLATES IN COMBINATION WITH SQUARE PLATES ARE ALSO ACCEPTABLE. FOLLOW MANUFACTURER'S

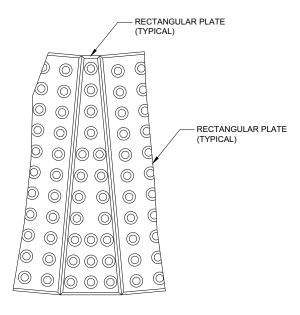
TO PLACEMENT IN PLASTIC CONCRETE. FOLLOW MANUFACTURER'S PRODUCT LIST AND INSTALLATION RECOMMENDATIONS.

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

REFER TO CONTRACT AND STANDARD SPECIFICATIONS FOR FIELD CUTTING REQUIREMENTS.

FOR RE-DRILLING AND ANCHORING REQUIREMENTS OF FIELD-CUT PLATES.

PLAN VIEW RADIAL DETECTABLE WARNING FIELD ATTRIBUTES



PLAN VIEW RADIAL WEDGE PLATE CONNECTION DETAIL

CURB RAMPS RECTANGULAR AND RADIAL DETECTABLE WARNING PLATES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
UNIT SUPERVISOR May 2019
DATE

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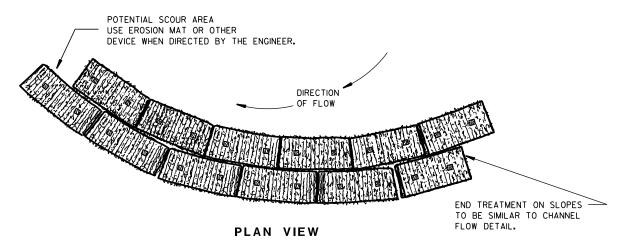
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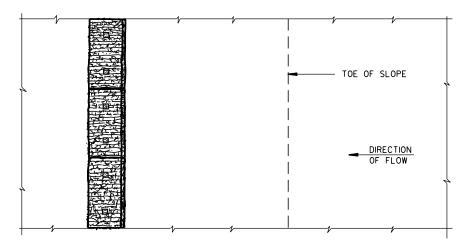
GENERAL NOTES

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

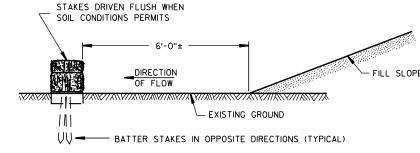
1 TEMPORARY DITCH CHECKS EITHER EROSION BALES OR MANUFACTURED SHALL BE PAID FOR UNDER THE BID ITEM OF TEMPORARY DITCH CHECK. THE DEPARTMENT WILL NOT PAY FOR TEMPORARY DITCH CHECKS CONSTRUCTED OF A SINGLE ROW OF EROSION BALES.



WHEN ALTERING THE DIRECTION OF FLOW



PLAN VIEW



FRONT ELEVATION

WHEN EXISTING GROUND SLOPES AWAY FROM FILL SLOPE

EROSION BALES FOR SHEET FLOW

TYPICAL INSTALLATIONS OF EROSION BALES / TEMPORARY DITCH CHECKS

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

6/04/02
DATE / CHIEF ROADWAY DEVELOPMENT ENGINEER

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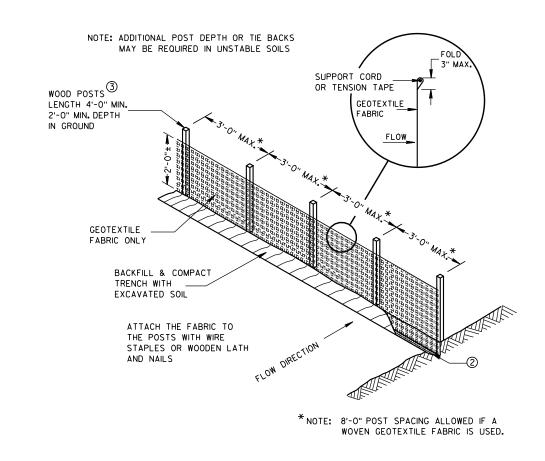
TYPICAL APPLICATION OF SILT FENCE

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b

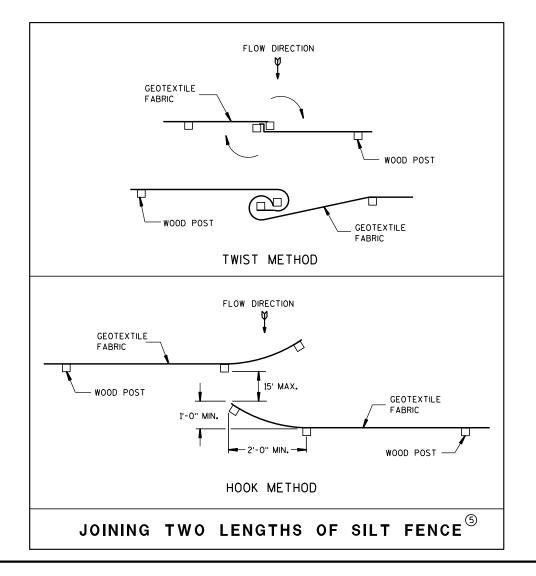
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-ROADWAY -ROADWAY SHOULDER SHOULDER — DITCH DIKE INSLOPE INSLOPE (1) --≪ >→ **₹ INSLOPE** INSLOPE SHOULDER SHOULDER ROADWAY - ROADWAY SITUATION 2 SITUATION 1

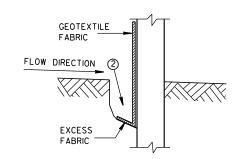
PLAN VIEW SILT FENCE AT MEDIAN SURFACE DRAINS



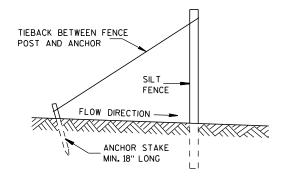
GENERAL NOTES

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

- \bigcirc HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
- ② FOR MANUAL INSTALLATIONS THE TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.
- 3 WOOD POSTS SHALL BE A MINIMUM SIZE OF 11/8" X 11/8" OF OAK OR HICKORY.
- 4) SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.
- (5) CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS; A) OVERLAP THE END POSTS AND TWIST, OR ROTATE, AT LEAST 180 DEGREES, B) HOOK THE END OF EACH SILT FENCE LENGTH.

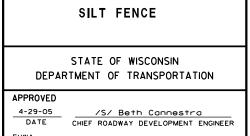


TRENCH DETAIL



SILT FENCE TIE BACK

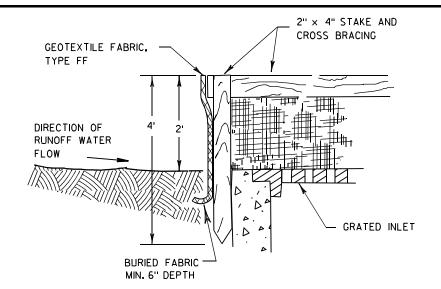
(WHEN REQUIRED BY THE ENGINEER)

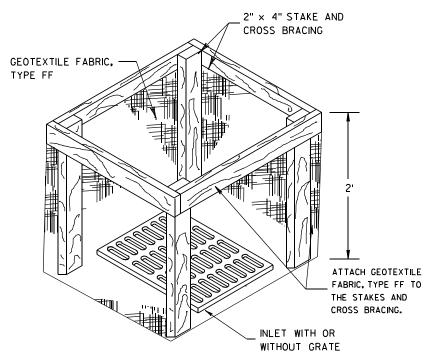


SILT FENCE

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INLET PROTECTION, TYPE A

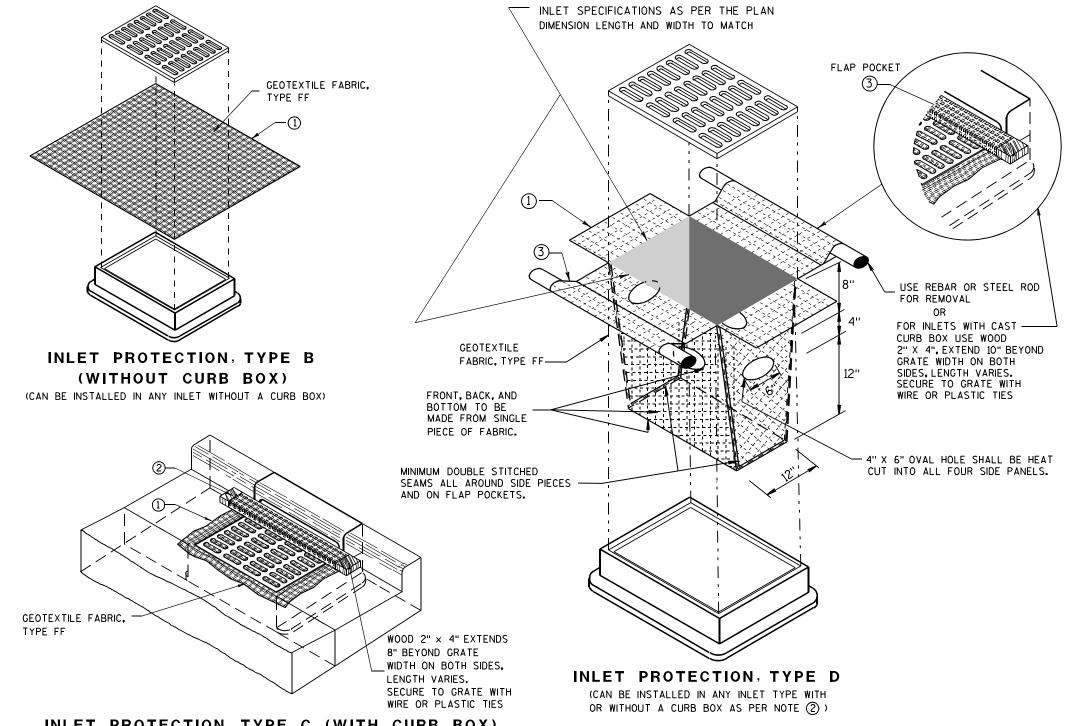
GENERAL NOTES

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

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.



INLET PROTECTION, TYPE C (WITH CURB BOX)

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 6

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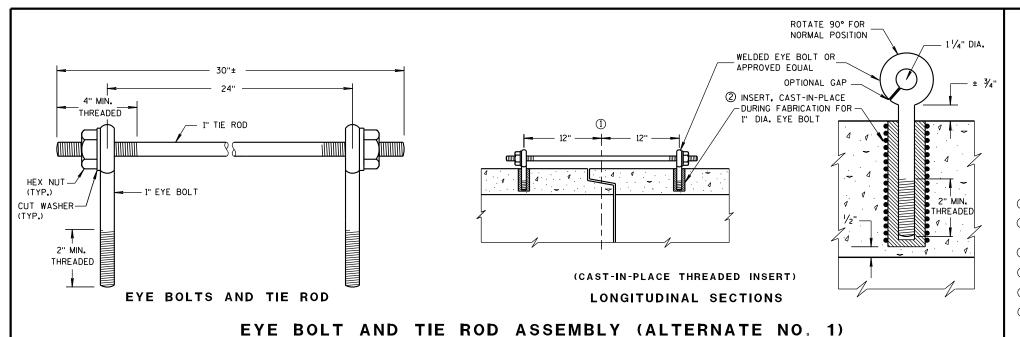
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STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

10/16/02 /S/ Beth Cannestra CHIEF ROADWAY DEVELOPMENT ENGINEER



GENERAL NOTES

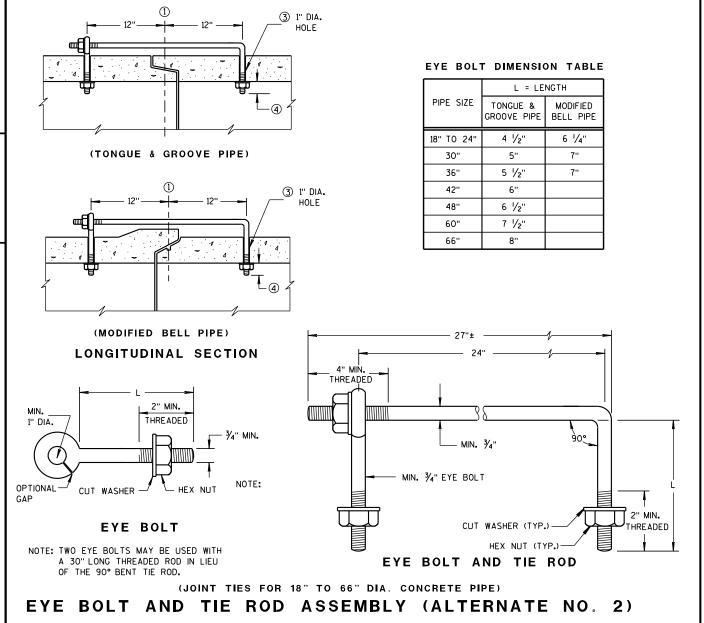
DETAILS OF CONSTRUCTION, MATERIALS, AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

CONCRETE CULVERT AND STORM SEWER PIPE SHALL BE TIED TOGETHER IN THE MANNER ILLUSTRATED BY THIS DETAIL AT LOCATIONS DESIGNATED IN THE STANDARD SPECIFICATIONS AND THE PLAN. THE CONTRACTOR MAY USE EITHER ALTERNATE 1, 2 OR 3 FOR DRAINAGE STRUCTURES, ONLY ALTERNATE 1 AND 3 MAY BE USED FOR CATTLE PASSES, UNLESS OTHERWISE STATED IN THE CONTRACT. THE MATERIALS, FABRICATION AND WORK NECESSARY TO TIE THE PIPE BY THIS DETAIL WILL BE CONSIDERED INCIDENTAL TO THE PIPE AND APRON ENDWALLS IF REQUIRED.

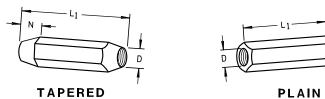
DETAILED DRAWINGS FOR PROPOSED ALTERNATE DESIGNS FOR JOINT TIES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

JOINT TIES TO BE HOT-DIP GALVANIZED PER ASTM A 153.

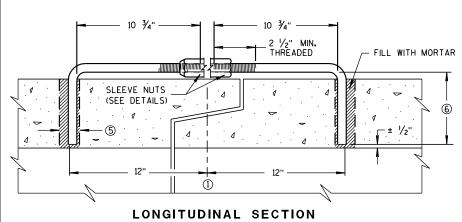
- (1) & OF TONGUE AND GROOVE OR BELL AND SPIGOT JOINTS.
- THE INSIDE OF THE THREADED INSERTS SHALL BE CLEAN TO ALLOW THE INSERTION OF THREADED EYE
- ${\mathfrak S}$ HOLES SHALL BE CAST-IN-PLACE OR DRILLED 12 INCHES FROM ${\mathfrak C}$ OF TONGUE AND GROOVE.
- 4 BOLT PROJECTION INSIDE OF PIPE SHALL NOT EXCEED 2 INCHES.
- (5) OPENING TO BE ROD DIAMETER PLUS 1 INCH.
- ⑥ LENGTH ADEQUATE TO EXTEND TO WITHIN $rac{1}{2}$ INCH OF THE INNER SURFACE OF THE PIPE.



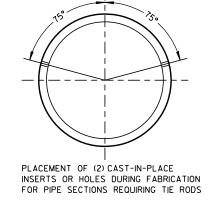
ADJUSTABLE TIE ROD TABLE 5/8 5 12-60 3/4 5 1/2 3/4 90-108 DIMENSIONS SHOWN ARE IN INCHES



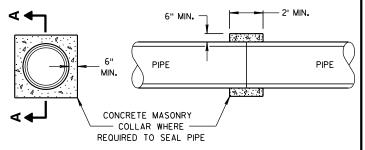
RIGHT AND LEFT THREADS **SLEEVE NUTS**



(JOINT TIES FOR 12" TO 108" DIA. CONCRETE PIPE) ADJUSTABLE TIE ROD (ALTERNATE NO. 3)



TRANSVERSE SECTION



SECTION A-A

CONCRETE COLLAR DETAIL

JOINT TIES FOR CONCRETE PIPE AND CONCRETE COLLAR DETAIL

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

6/5/2012 DATE

/S/ Jerry H. Zogg ROADWAY STANDARDS DEVELOPMENT ENGINEER

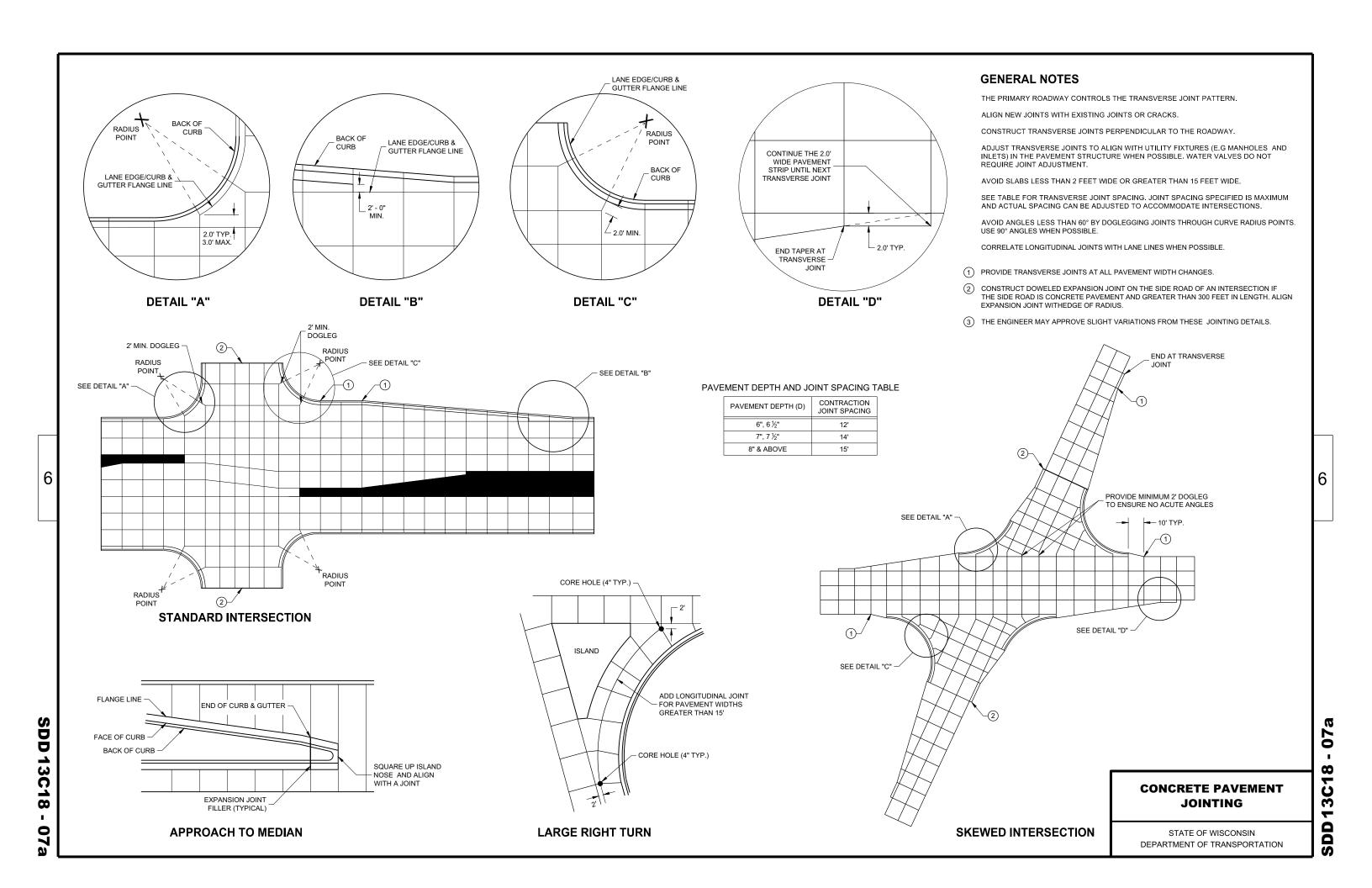
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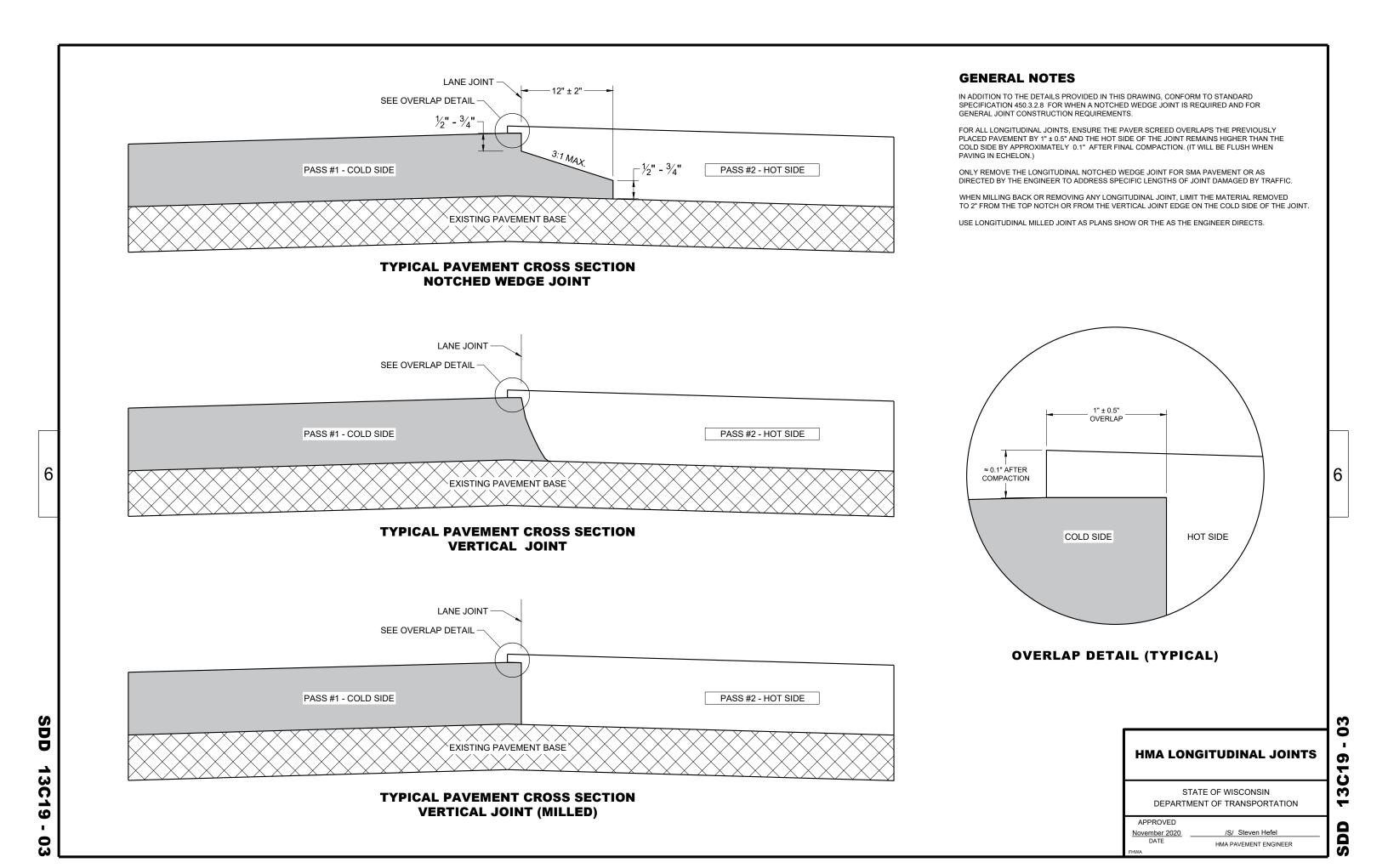
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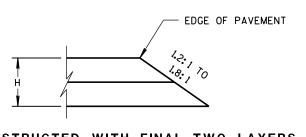
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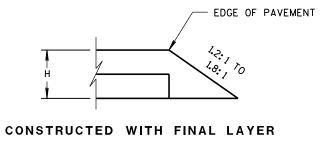
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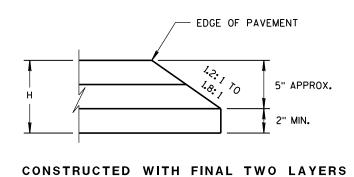




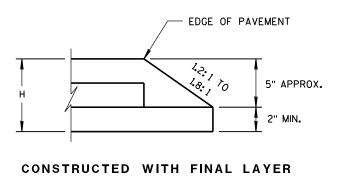
FOR H 5" OR LESS

CONSTRUCTED WITH FINAL TWO LAYERS

FOR H 5" OR LESS

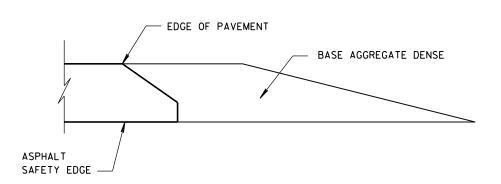


FOR H GREATER THAN 5"



FOR H GREATER THAN 5"

HMA PAVEMENT AND HMA OVERLAYS



FINISHED SHOULDER AGGREGATE PLACEMENT

SAFETY EDGE SM

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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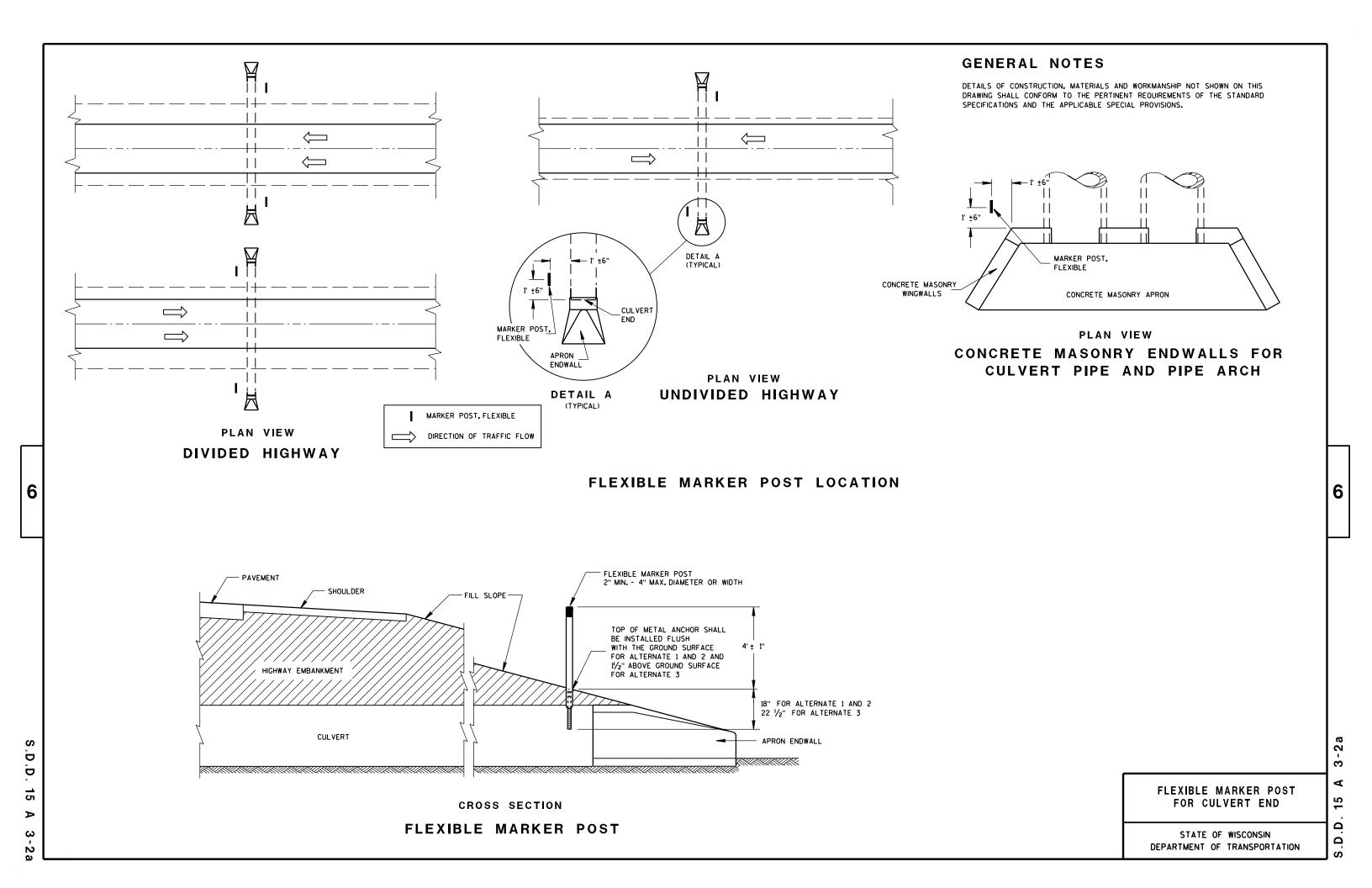
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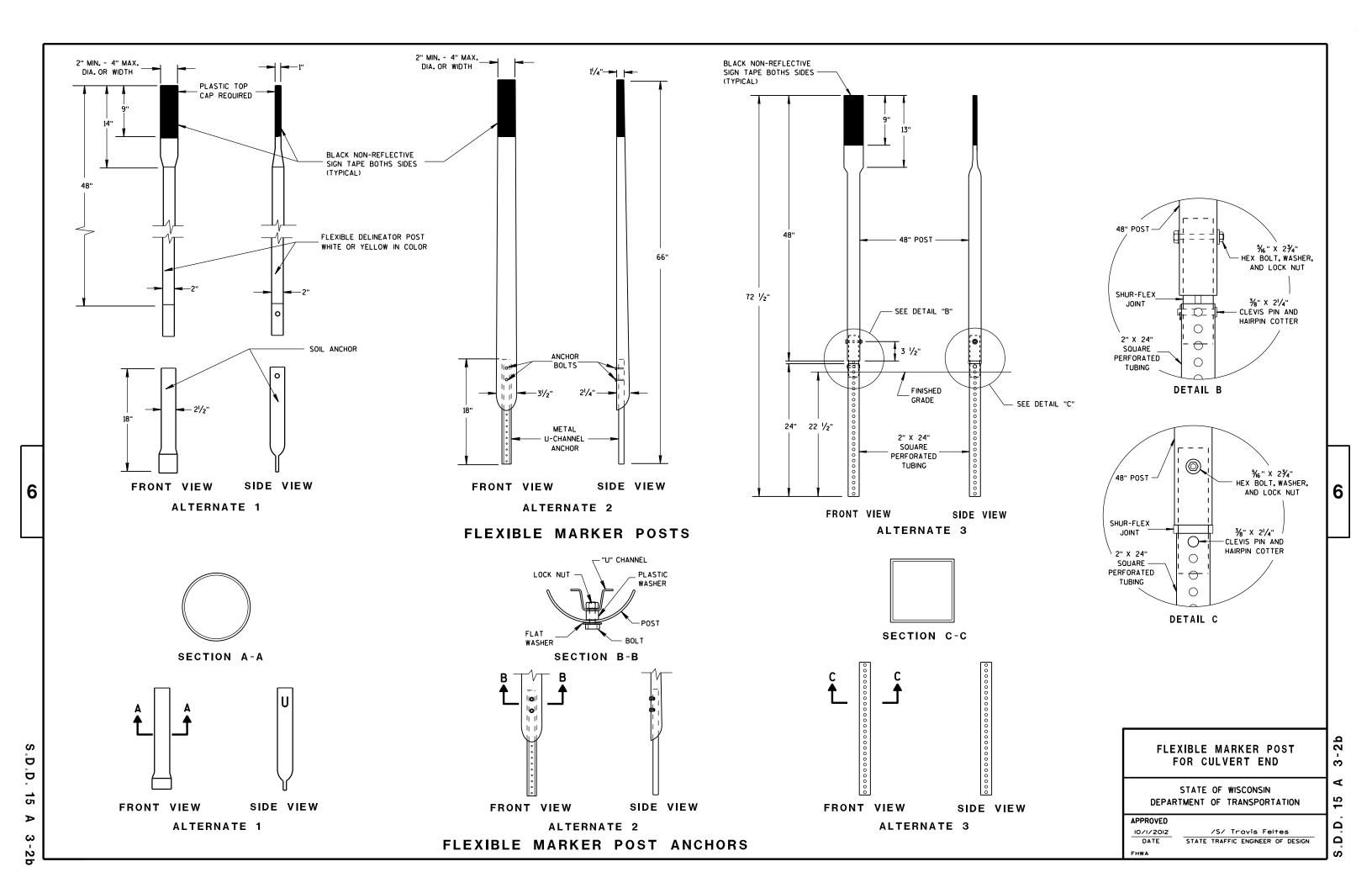
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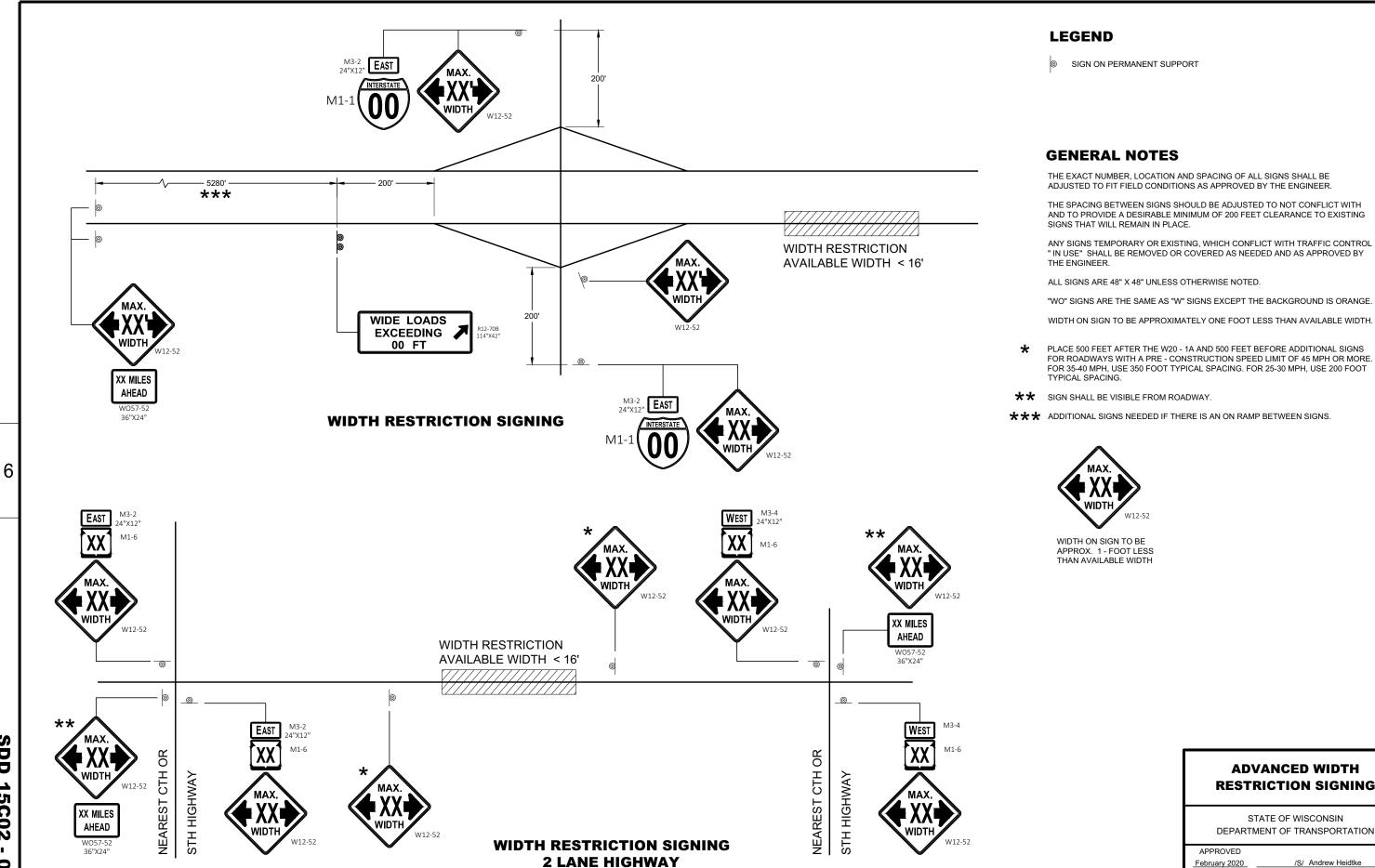
APPROVED

I/30/2012
DATE
ROADWAY STANDARDS DEVELOPMENT
ENGINEER

6







AND TO PROVIDE A DESIRABLE MINIMUM OF 200 FEET CLEARANCE TO EXISTING

"IN USE" SHALL BE REMOVED OR COVERED AS NEEDED AND AS APPROVED BY

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

FOR ROADWAYS WITH A PRE - CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE. FOR 35-40 MPH, USE 350 FOOT TYPICAL SPACING. FOR 25-30 MPH, USE 200 FOOT

*** ADDITIONAL SIGNS NEEDED IF THERE IS AN ON RAMP BETWEEN SIGNS.

ADVANCED WIDTH RESTRICTION SIGNING

08

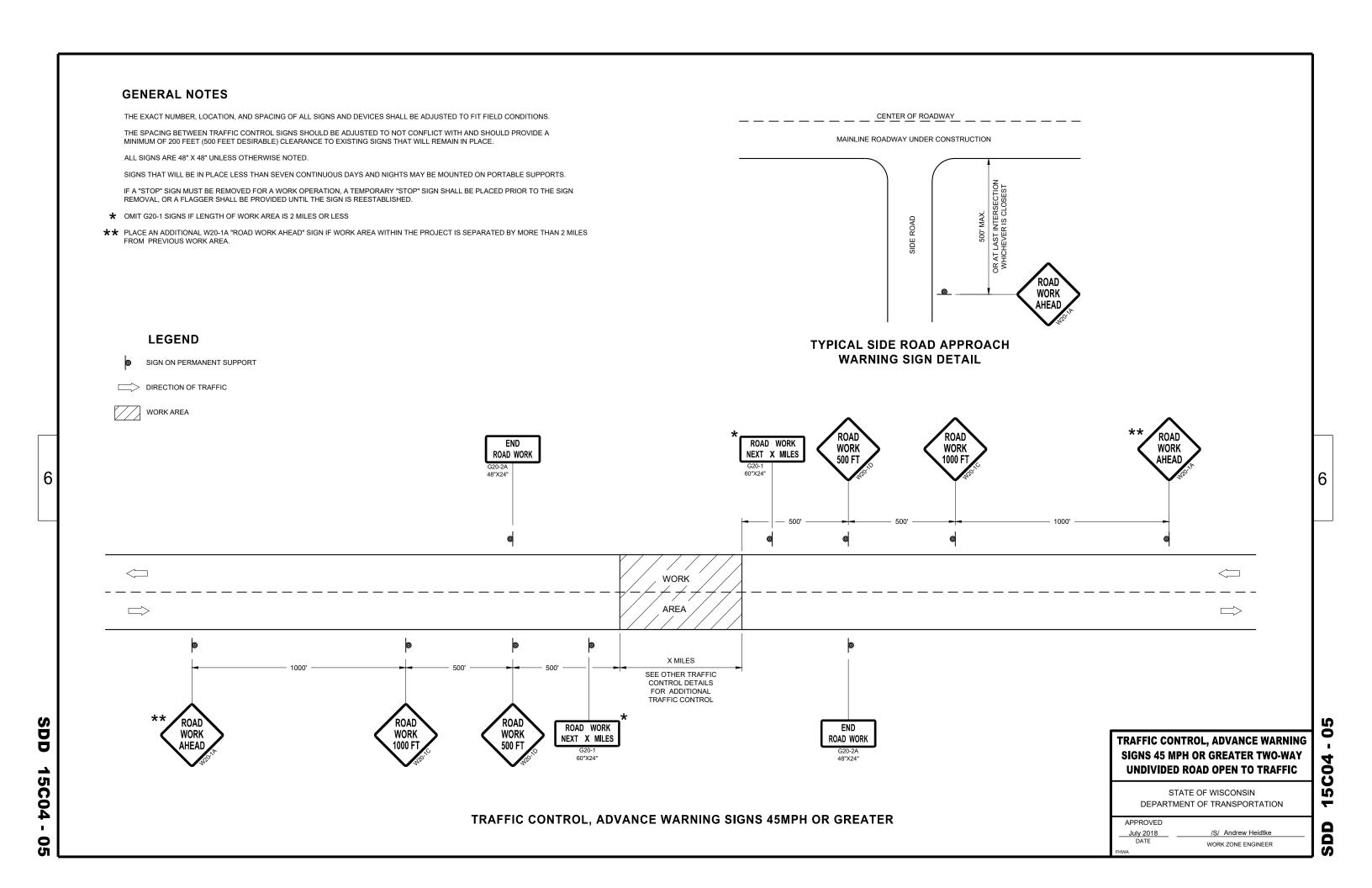
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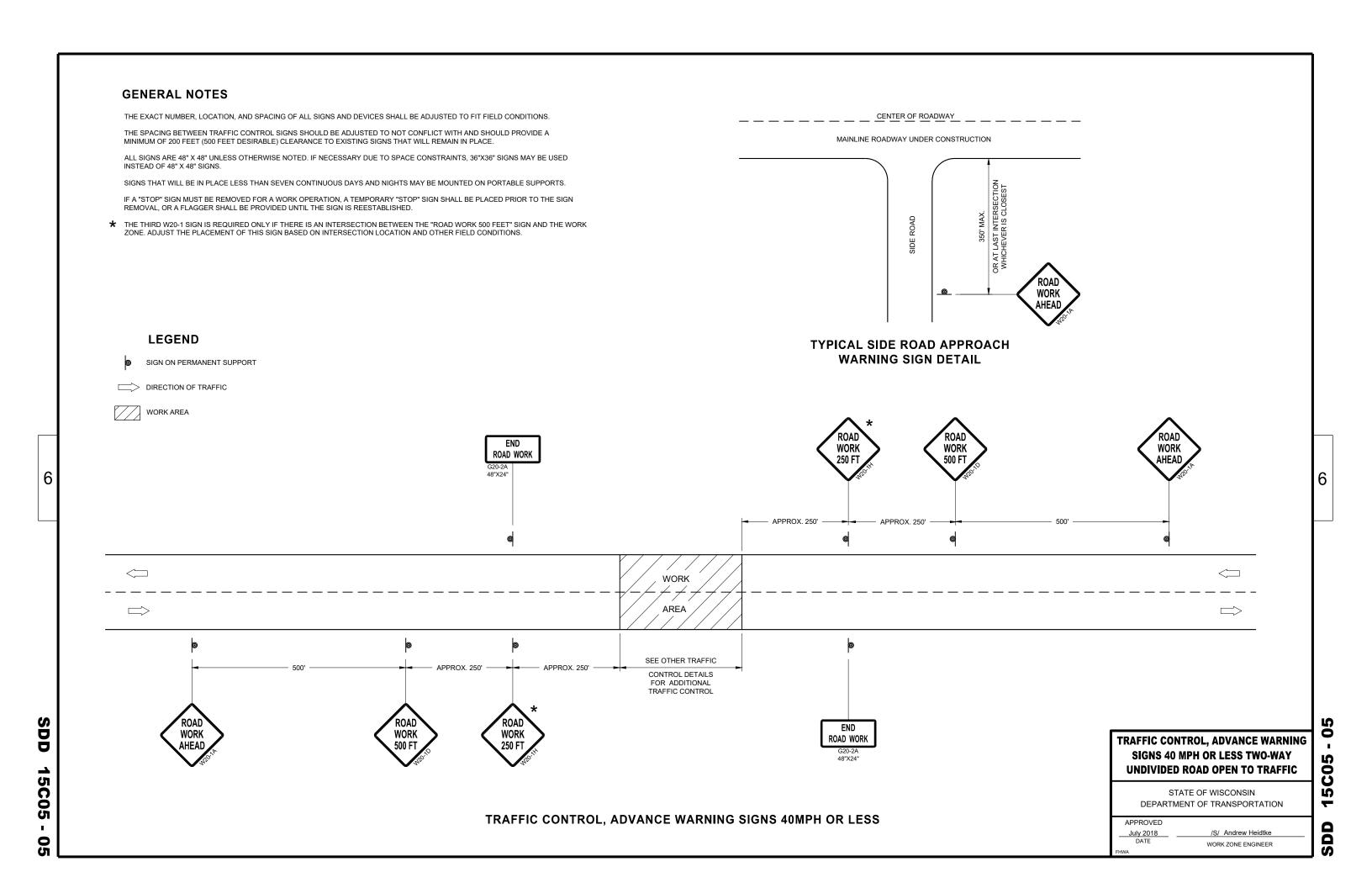
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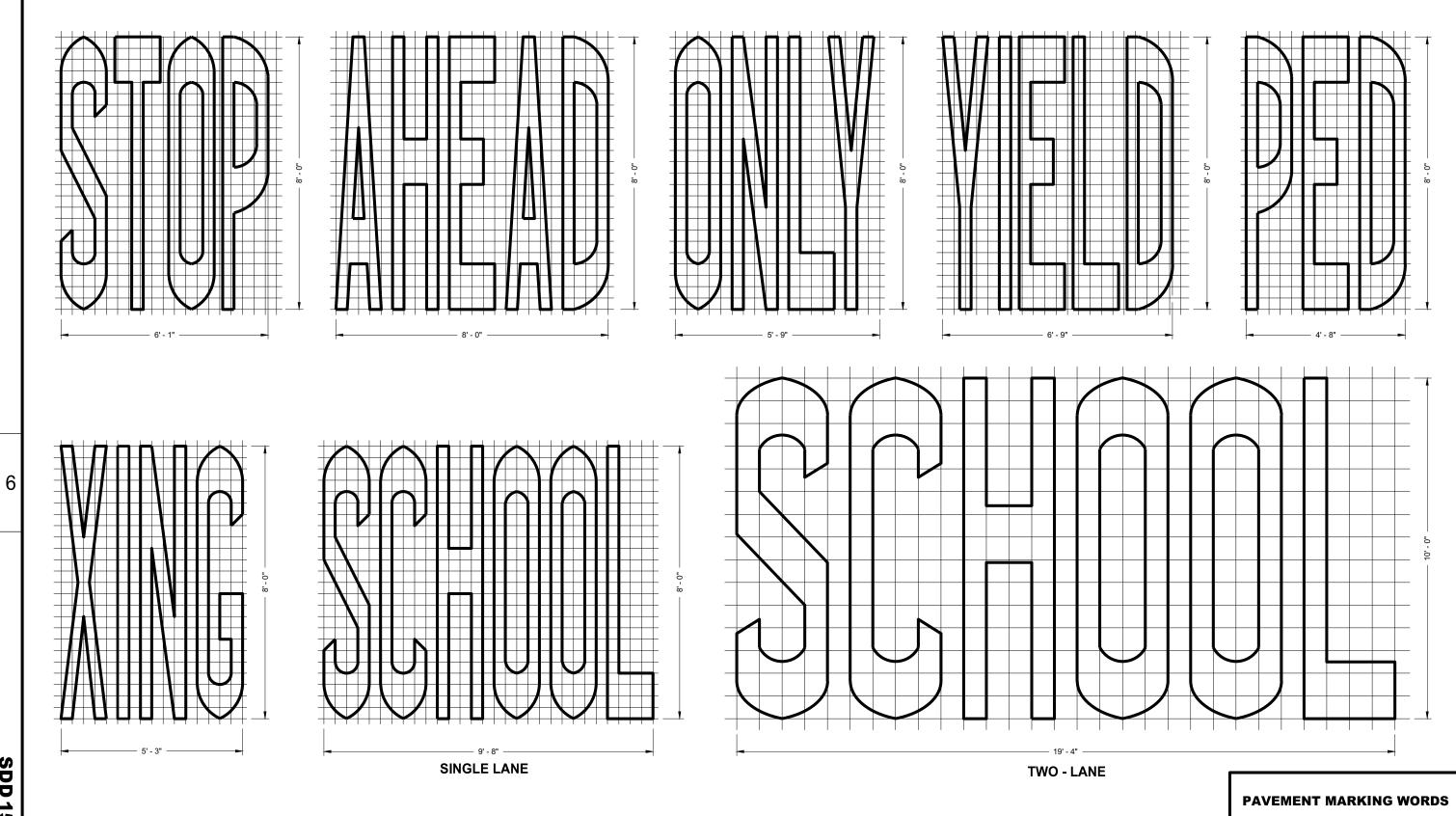
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

February 2020 DATE /S/ Andrew Heidtke WORK ZONE ENGINEER

SDD 15C02 08f







SDD 15C07 - 15b

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.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

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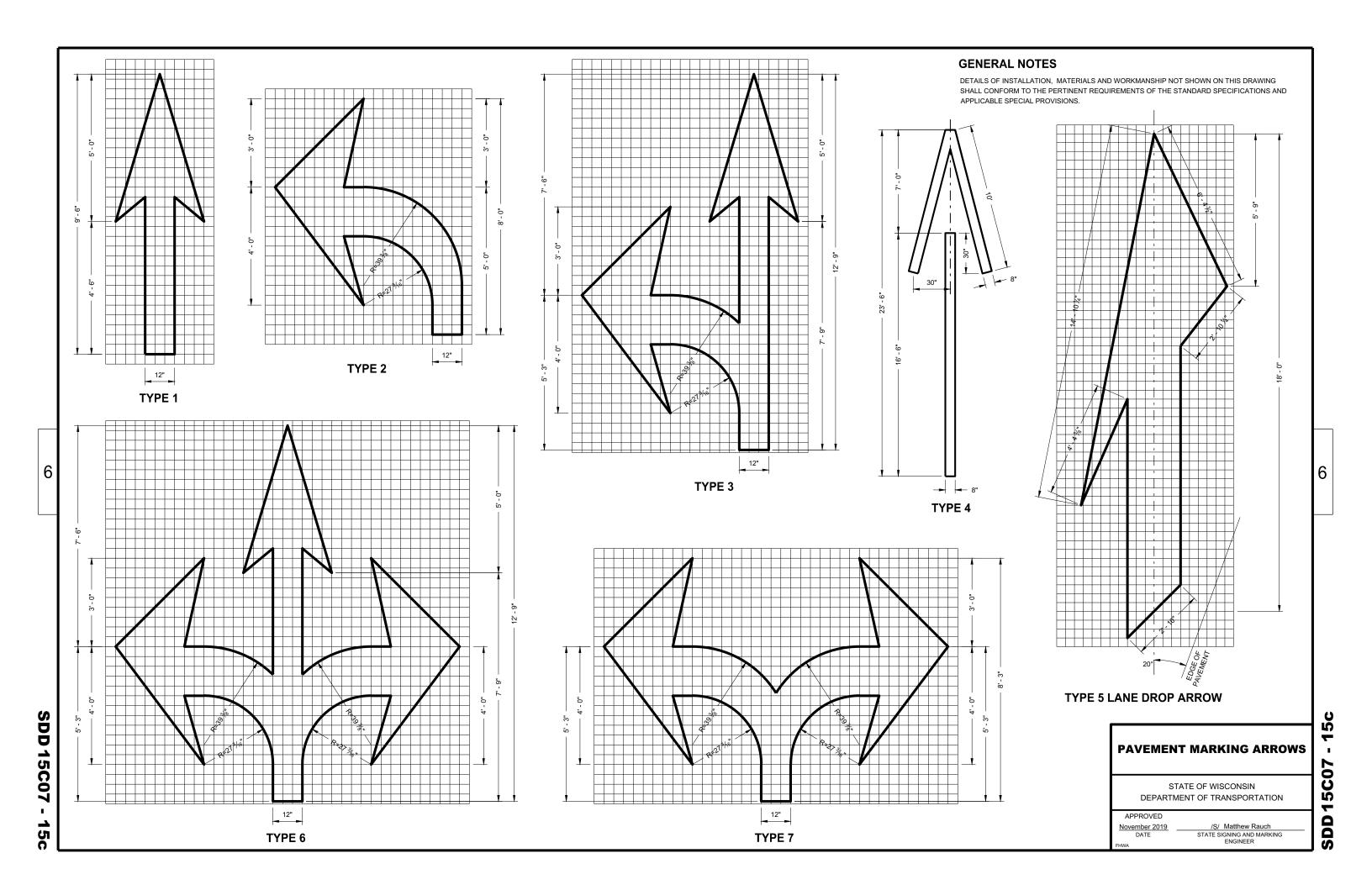
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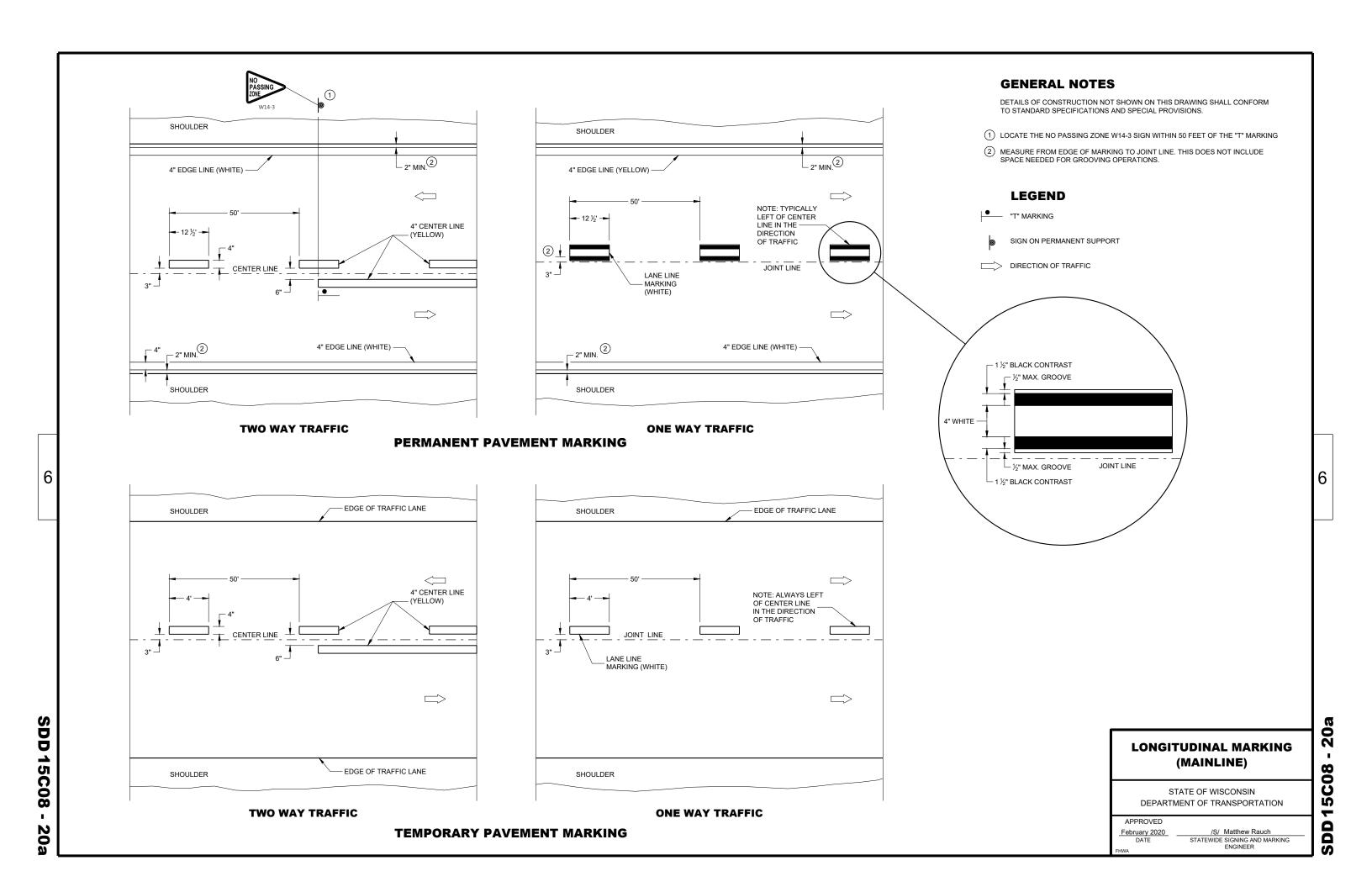
SDD15C07

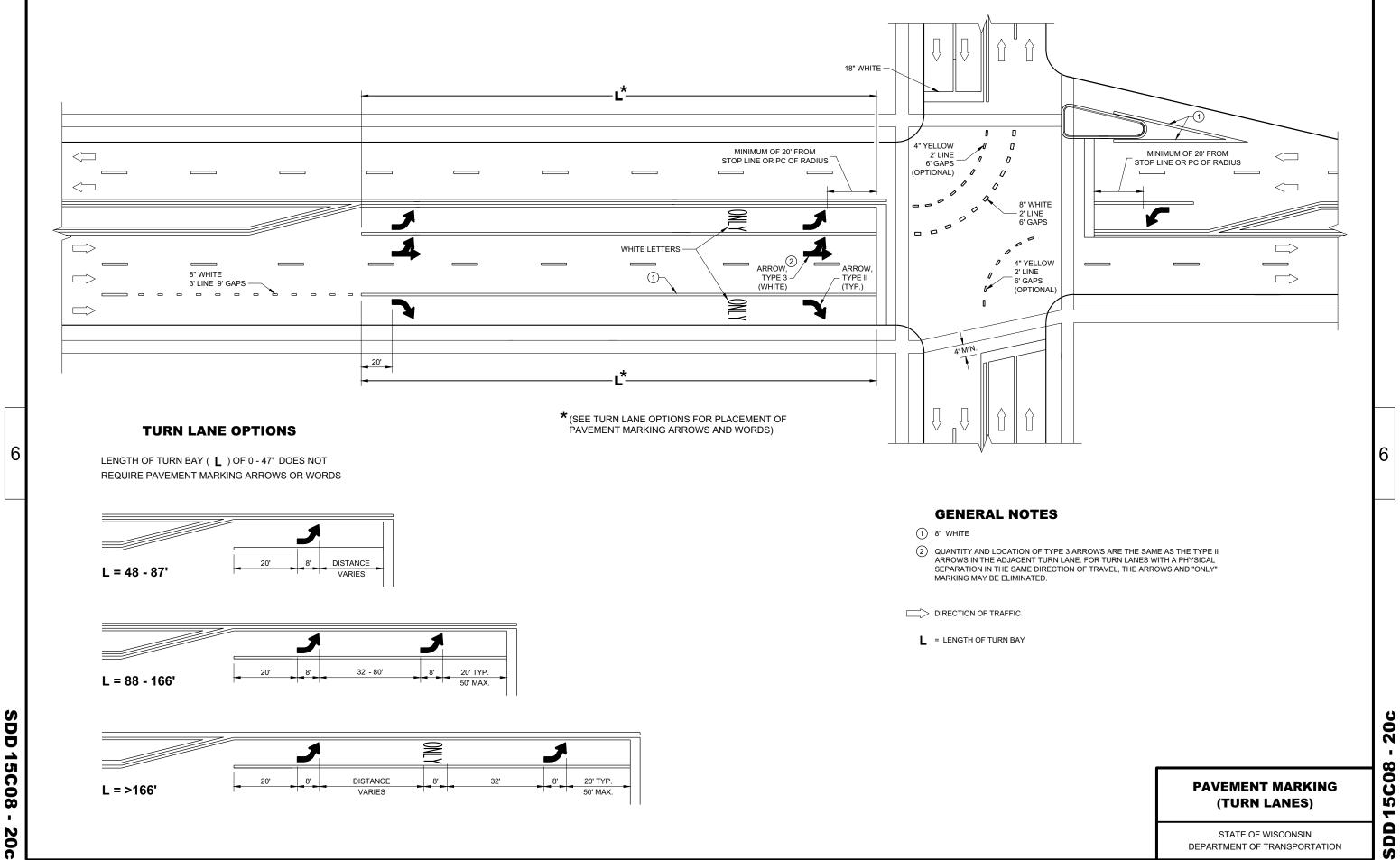
APPROVED

 November 2019
 /S/ Matthew Rauch

 DATE
 STATE SIGNING AND MARKING ENGINEER







DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

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

SURFACE MOUNTED BASES SHALL BE FURNISHED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS TO BE COMPATIBLE WITH FLEXIBLE TUBULAR MARKER POSTS TO A SIZE AND SHAPE THAT WILL PROVIDE A STABLE POST FOUNDATION WHEN SECURED TO THE PAVEMENT.

THE ASPHALTIC ADHESIVE OR BUTYL PAD FURNISHED SHALL BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, UNLESS DIRECTED BY THE ENGINEER TO USE BOLTS.

(1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.

CHANNELIZING DEVICES FLEXIBLE TUBULAR MARKER POST

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

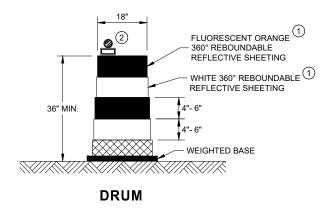
 May 2021
 /S/ Andrew Heidtke

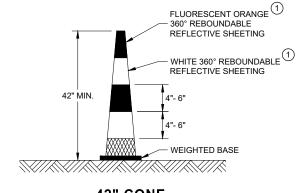
 DATE
 WORK ZONE ENGINEER

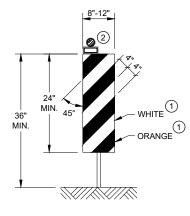
<u>60</u> 15C

GENERAL NOTES

- (1) REFLECTIVE SHEETING SHALL FOLLOW THE REQUIREMENTS IN THE APPROVED PRODUCTS LISTING FOR SIGN SHEETING.
- (2) LOCATION OF WARNING LIGHTS WHEN SHOWN ON THE PLAN.



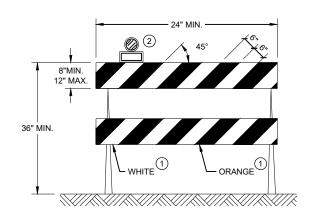




42" CONE DO NOT USE IN TAPERS ½ SPACING OF DRUMS

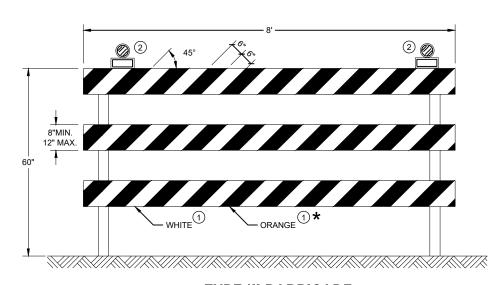
VERTICAL PANEL

THE STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE II BARRICADE

FOR RAILS LESS THAN 36" LONG, 4" WIDE STRIPES MAY BE USED. ALL STRIPES SHALL SLOPE DOWNWARD TO THE TRAFFIC SIDE FOR CHANNELIZATION.



TYPE III BARRICADE

IF SIGN MOUNTED, DO NOT COVER MORE THAN 50% OF THE TOP TWO RAILS OR 33% OF THE TOTAL AREA OF THE THREE RAILS.

* IF USED FOR A PERMANENT APPLICATION USE RED SHEETING.

CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

| APPROVED | |
|----------|--------------------|
| May 2021 | /S/ Andrew Heidtke |
| DATE | WORK ZONE ENGINEER |
| FHWA | |

RUMBLE

STRIPS

ROAD

WORK

GENERAL NOTES FLAGGING LEGEND DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE SIGN ON PORTABLE OR STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON PERMANENT SUPPORT PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING. UNIFORM TRAFFIC CONTROL DEVICES. ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING TEMPORARY PORTABLE RUMBLE WORK OPERATION OR AS APPROVED BY THE ENGINEER. STRIP ARRAY "WO" SIGNS ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND IS ORANGE. SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA. THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS, DEVICES, AND LOCATION OF ALL FLAGGERS SHALL BE DIRECTION OF TRAFFIC ADJUSTED TO FIT FIELD CONDITIONS AS APPROVED BY THE ENGINEER. WHEN THE DISTANCE BETWEEN FLAGGERS EXCEEDS 2 MILES, A PILOT CAR IS REQUIRED. WHEN CURVES REDUCE SIGHT DISTANCE BELOW 400', A PILOT CAR IS REQUIRED. THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP WORK AREA **TEMPORARY PORTABLE RUMBLE STRIPS** WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL UTILIZE TEMPORARY PORTABLE RUMBLE STRIPS ON ALL FLAGGING OPERATIONS. TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER. FLAGGER, EQUIPPED WITH STOP/SLOW EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED ACCORDING TO MANUFACTURER'S PADDLE FASTENED ON SUPPORT STAFF RECOMMENDATION, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN. ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FOR THE APPROVED PRODUCTS LIST. INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS. PLACE ADVANCE SIGNING PRIOR TO INSTALLING TEMPORARY RUMBLE STRIPS. DO NOT INSTALL TEMPORARY PORTABLE RUMBLE STRIPS ON GRAVEL, MILLED SURFACES, OR ASPHALT THAT HAS BEEN PAVED LESS THAN 12 HOURS. **SIGN AND TEMPORARY RUMBLE** STRIP ARRAY SPACING TABLE 5' MIN BE SPEED LIMIT SPACING "A" USE OF WO3-4 SIGN IS OPTIONAL. WHEN USED, PREPARED THIS SIGN SHALL BE LOCATED BETWEEN THE 25-30 MPH TO STOP W20-7A AND W20-4A SIGNS, USING SPACING "A" 350' 35-40 MPH STOP/SLOW PADDLE ŔUMBLĖ 45-55 MPH 500' WO3-4 WORK **ON SUPPORT STAFF** ROAD STRIPS 1 VARIABLE DISTANCE - 200' - 300' (TYP.) END ROAD WORK |||3 WORK AREA A/2 END ROAD WORK 200' - 300' (TYP.) VARIABLE DISTANCE

TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION

FLAGGING OPERATION STATE OF WISCONSIN

2

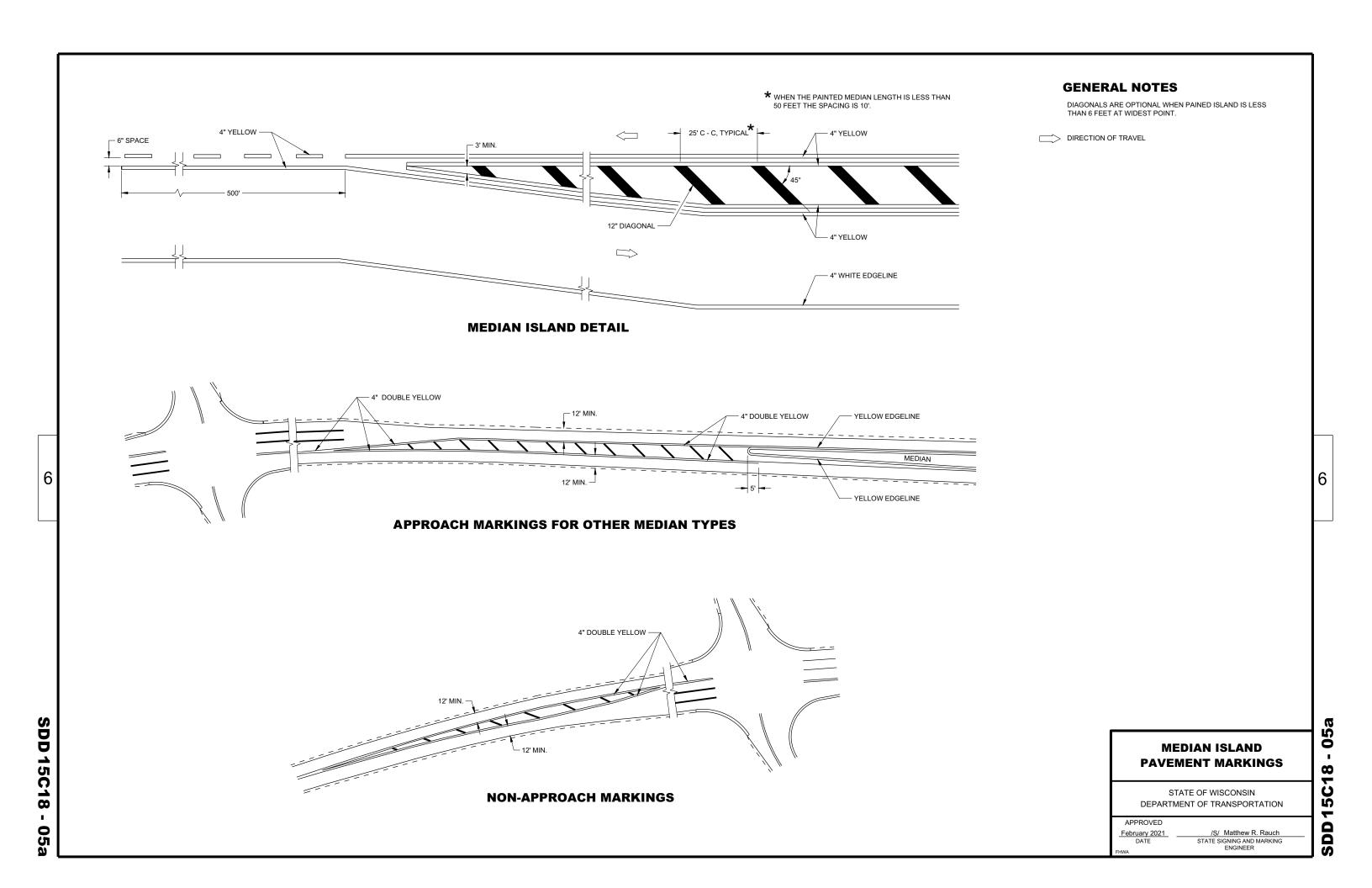
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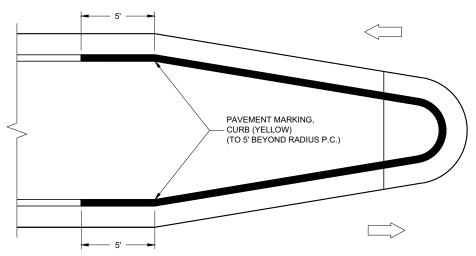
TRAFFIC CONTROL FOR

LANE CLOSURE WITH

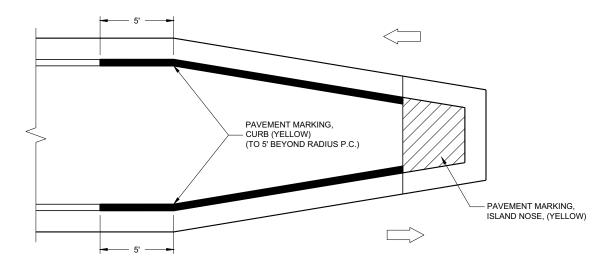
DEPARTMENT OF TRANSPORTATION

APPROVED May 2019 DATE WORK ZONE ENGINEER





MEDIAN ISLAND WITH ROUND BLUNT NOSE

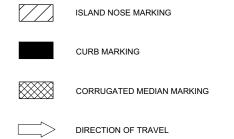


TYPICAL PLACEMENT OF PAVEMENT MARKING ON MEDIAN ISLANDS

MEDIAN ISLAND WITH SLOPED NOSE

GENERAL NOTES

WHEN CONCRETE CORRUGATED MEDIAN IS CONSTRUCTED TO SEPARATE TRAFFIC OPERATING IN THE OPPOSING DIRECTION, YELLOW PAVEMENT MARKING SHALL BE APPLIED TO THE FLAT PORTION OF THE CONCRETE CORRUGATED MEDIAN. THE ITEM OF PAVEMENT MARKING, CONCRETE CORRUGATED MEDIAN, WILL BE MEASURED IN PLACE AND ACCEPTED IN ACCORDANCE WITH THE CONTRACT AND PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE FOOT.



PAVEMENT MARKINGS, MEDIAN ISLAND NOSE

0

5C18

SDD

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED

February 2021 /S/ Matthew R. Rauch

DATE STATE SIGNING AND MARKING
ENGINEER

PAVEMENT MARKING

LEFT TURN & MEDIAN ISLAND

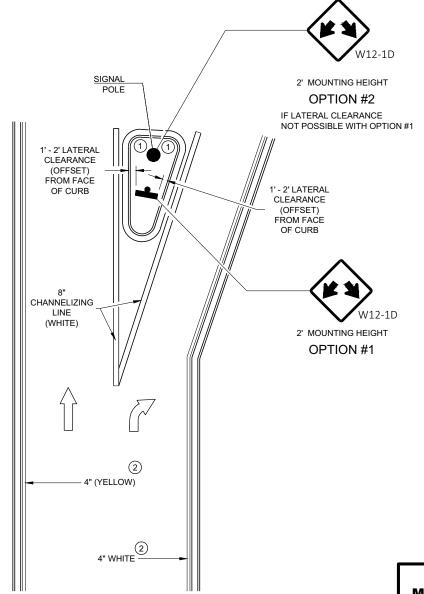
GENERAL NOTES

APPLIES TO ISLANDS AT LEFT TURNS AT ONE WAY ROADWAYS AS WELL.

SEE MISCELLANEOUS QUANTITIES FOR SIGN SIZE.

- (1) MARK CURB NOSES YELLOW.
- (2) MARK ACCORDING TO TABLE.

DIRECTION OF TRAVEL



RIGHT TURN ISLAND

MEDIAN PAVEMENT
MARKINGS, DOUBLE ARROW
WARNING SIGN PLACEMENT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

February 2021 /S/ Matthew R. Rauch
DATE STATE SIGNING AND MARKING
ENGINEER

SDD 15C18 - 05c

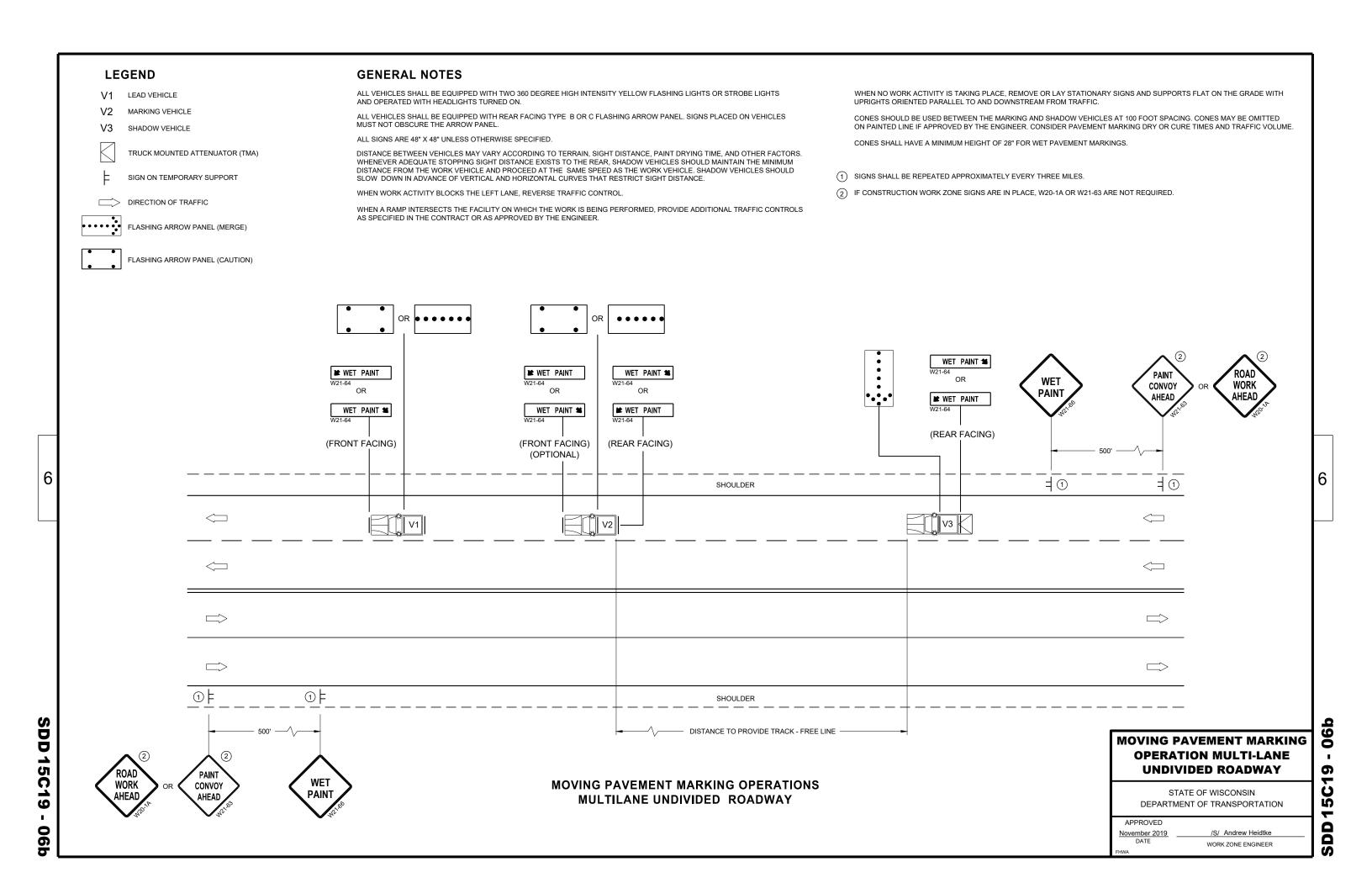
6

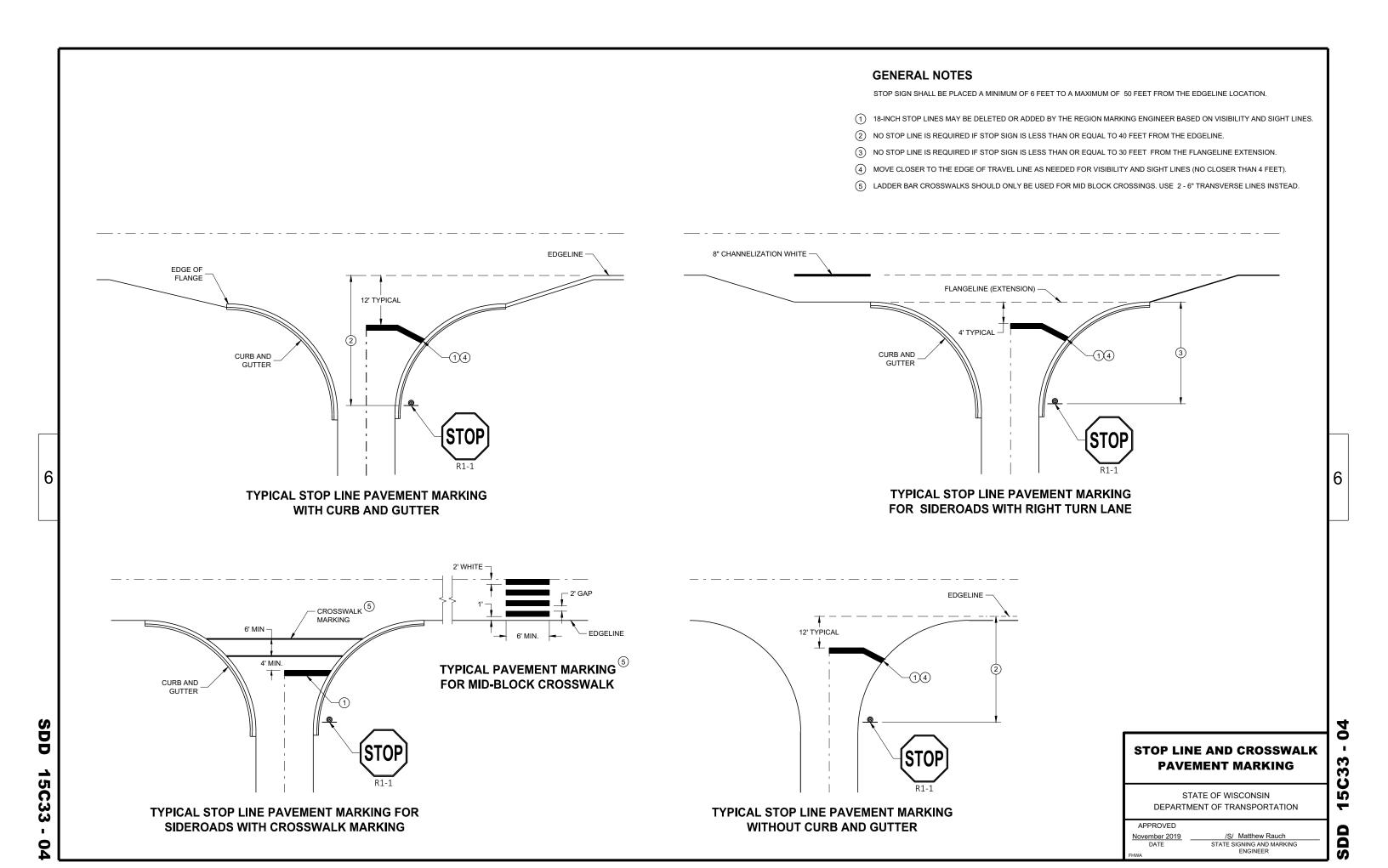
SDD15C18 - 0

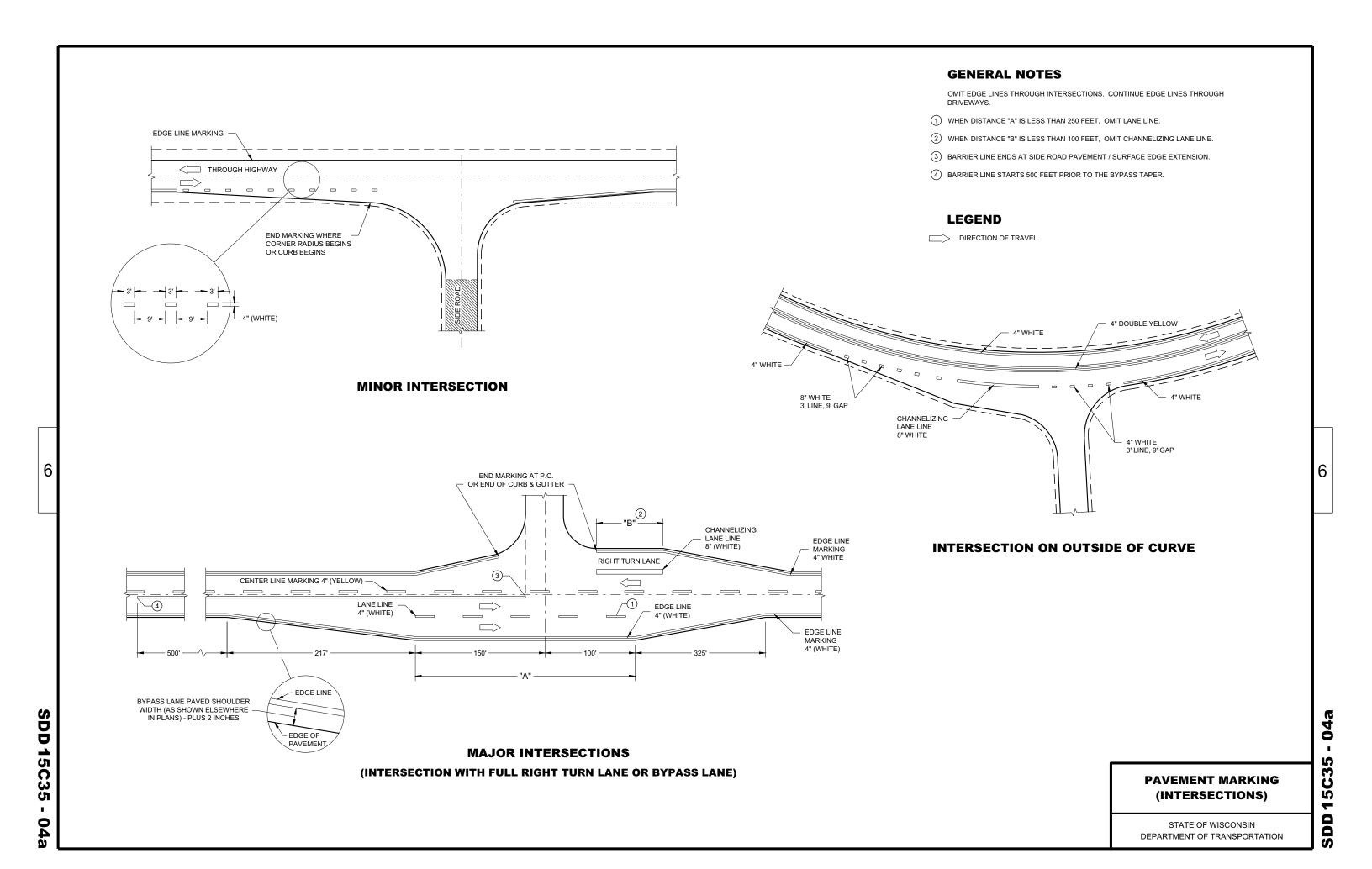
6

3DD 15C19 - 06a

6







GENERAL NOTES

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

THE SPACING BETWEEN SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND TO PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS.

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

ALL SIGNS ARE 48" x 48" UNLESS OTHERWISE NOTED.

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

ANY SIGNS TEMPORARY OR EXISTING, WHICH CONFLICT WITH TRAFFIC CONTROL "IN USE" SHALL BE REMOVED OR COVERED AS NEEDED OR AS APPROVED BY THE ENGINEER.

FOR A LANE CLOSURE THAT IS IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS, THE ADVANCED WARNING SIGNS MAY BE MOUNTED ON PORTABLE SUPPORTS.

REMOVE PAVEMENT MARKINGS IF LANE CLOSURE IS TO BE IN PLACE 4 OR MORE CONTINUOUS DAYS

IF THE HORIZONTAL ALIGNMENT IS SUCH THAT A CURVE MAY REQUIRE ADDITIONAL DELINEATION, THE DEVICE SPACING MAY BE DECREASED TO 50 FEET.

WARNING LIGHTS ARE NOT REQUIRED IF THE LANE CLOSURE IS A DAYTIME ONLY OPERATION.

ADJUSTMENTS IN BUFFER SPACE NEED TO BE INCORPORATED WHEN THE LANE CLOSURE OCCURS

NEAR AN INTERCHANGE EXIT OR ENTRANCE RAMP OR INTERSECTION. THE LANE CLOSURE MUST TAKE PLACE FAR ENOUGH IN ADVANCE OF AN EXIT OR ENTRANCE RAMP TO STILL ALLOW FOR ADEQUATE BUFFER SPACE. THE MINIMUM LENGTH OF THE BUFFER SPACE BEFORE AN EXIT RAMP SHOULD BE ONE HALF THE LENGTH OF THE TRANSITION AREA. THE ENTRANCE RAMP SHOULD BE FOLLOWED BY THE ORIGINAL BUFFER SPACE LENGTH OF 800 FEET DESIRABLE PRIOR TO ANOTHER TRAFFIC CONTROL CHANGE SUCH AS A CROSSOVER MANEUVER.

CONSIDER ROADWAY GEOMETRICS WHEN LOCATING SIGNS AND ARROW BOARD SO THE DRIVER HAS A CLEAR VIEW OF THE ARROW BOARD AND LANE CLOSURE DRUMS.

LEGEND

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DRUM

TRAFFIC CONTROL DRUM WITH TYPE "C" STEADY BURN LIGHT

/S/ Andrew Heidtke

WORK ZONE ENGINEER

5

TYPE III BARRICADE WITH ATTACHED SIGN

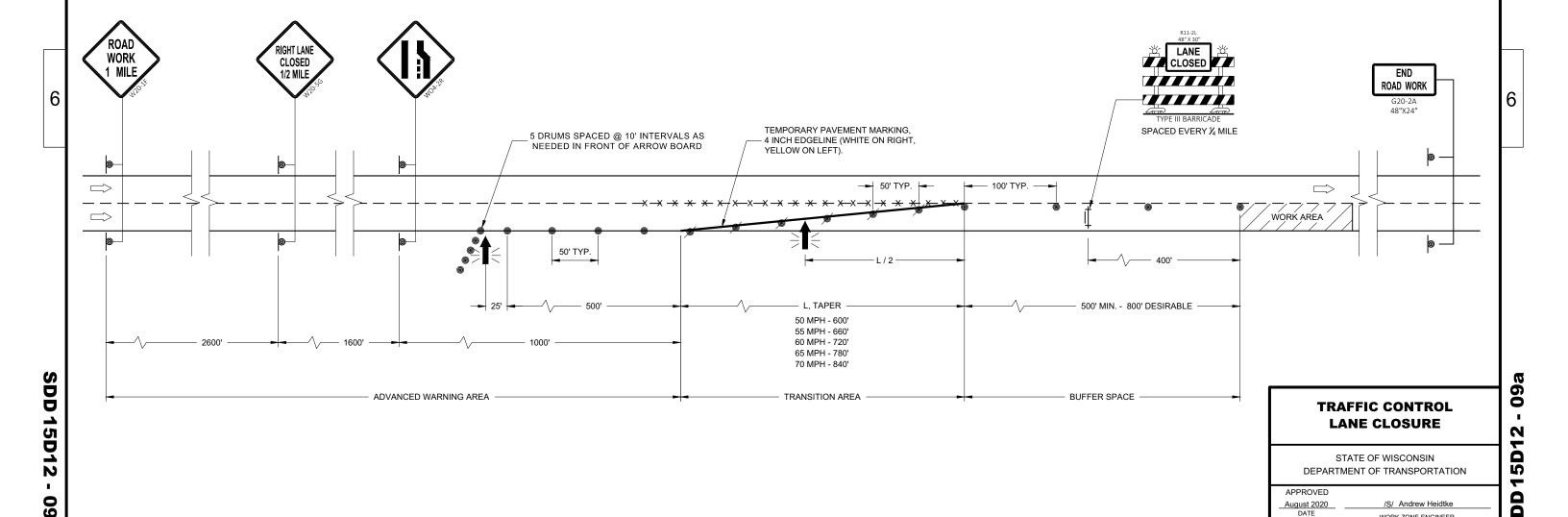
TYPE "A" WARNING LIGHT (FLASHING)

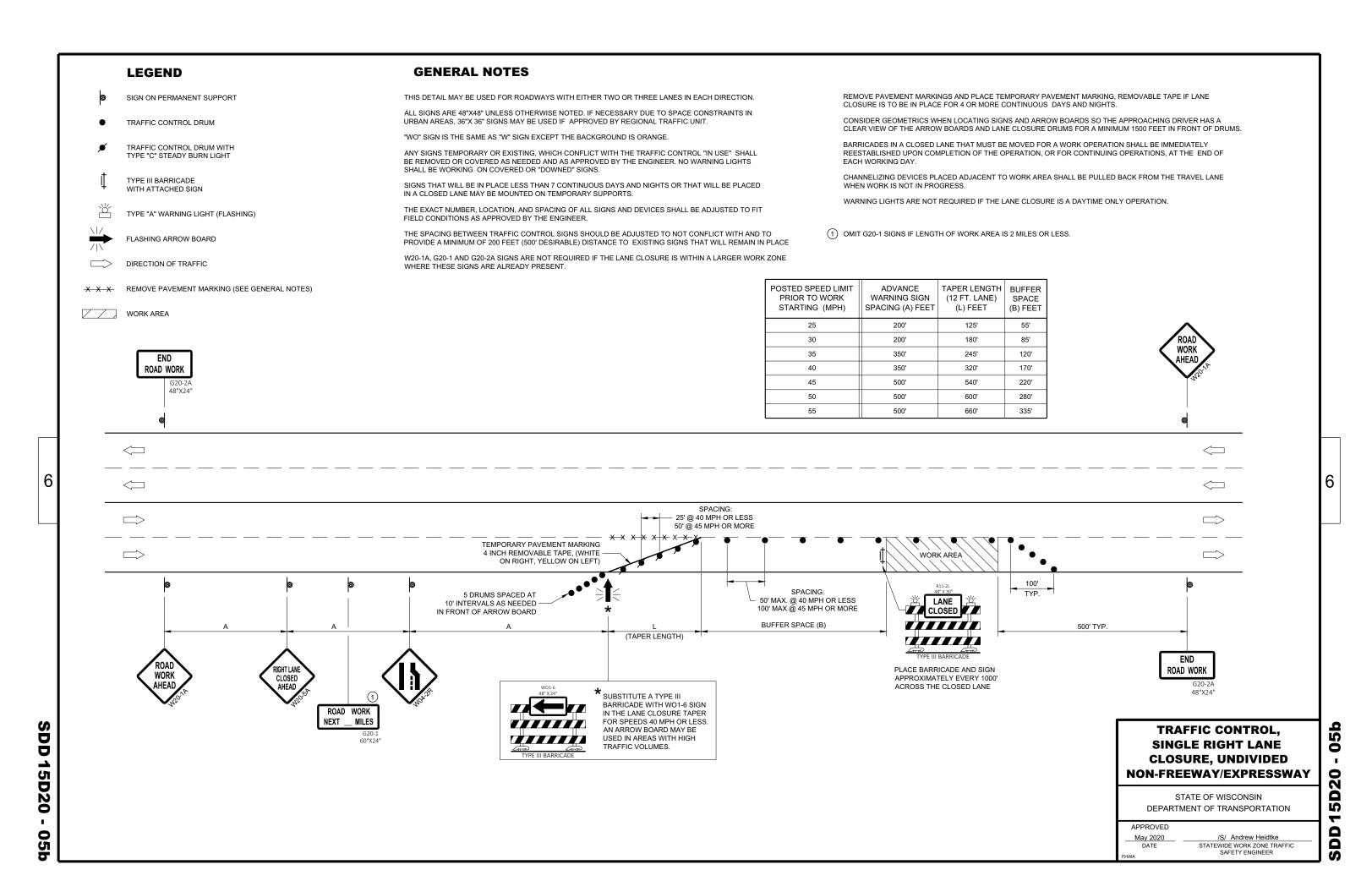
-X-X-X- REMOVING PAVEMENT MARKINGS

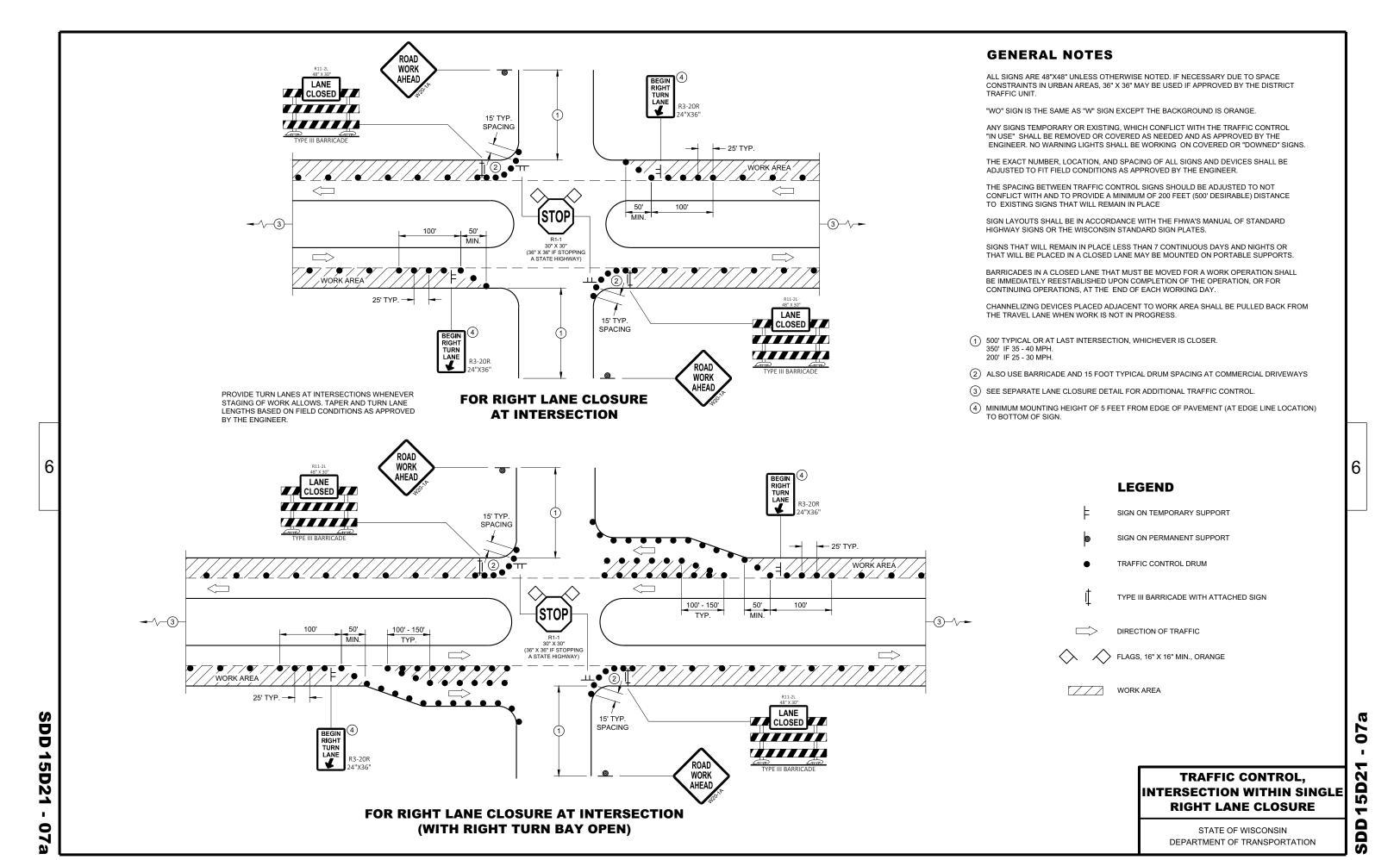
DIRECTION OF TRAFFIC

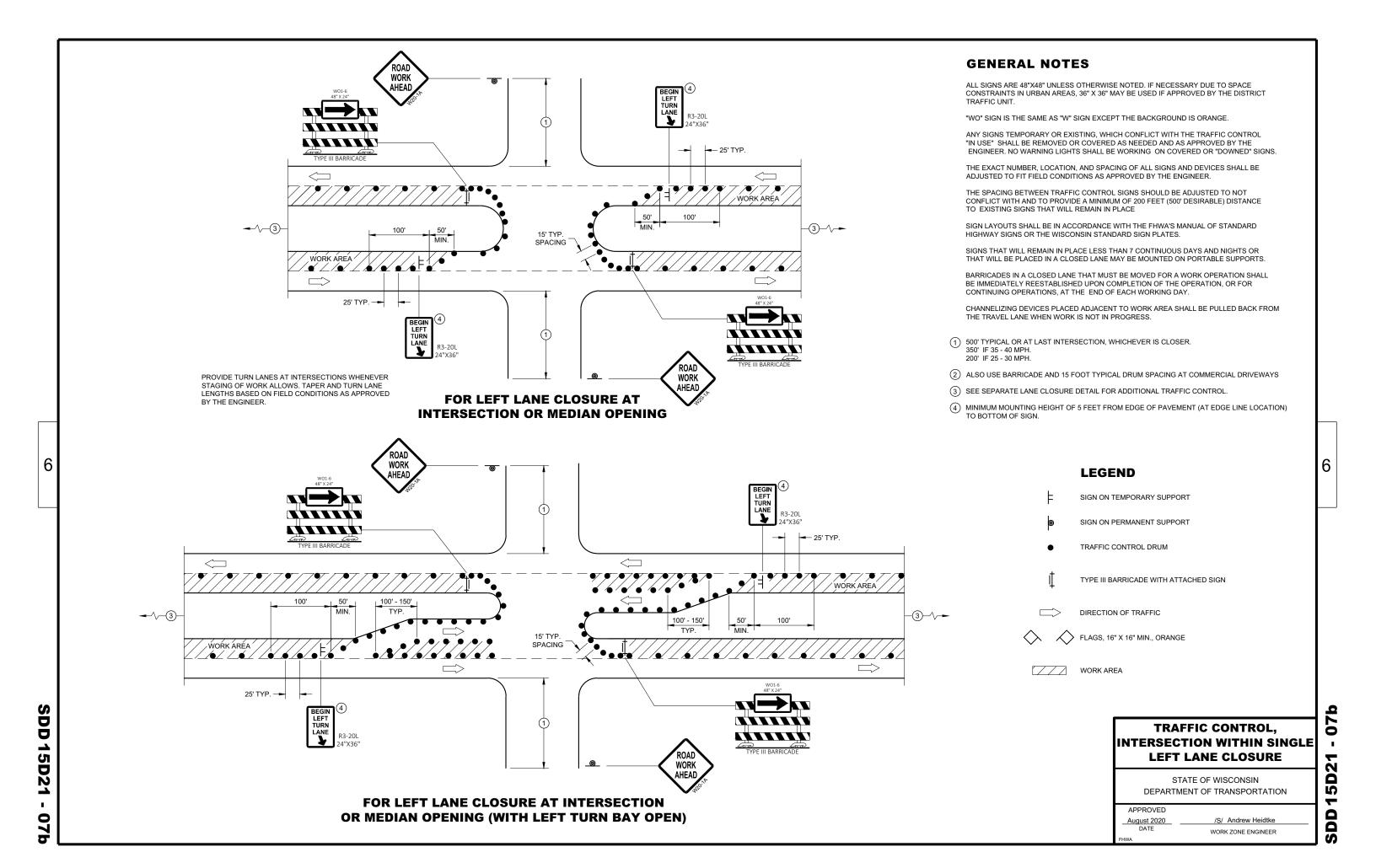
WORK AREA

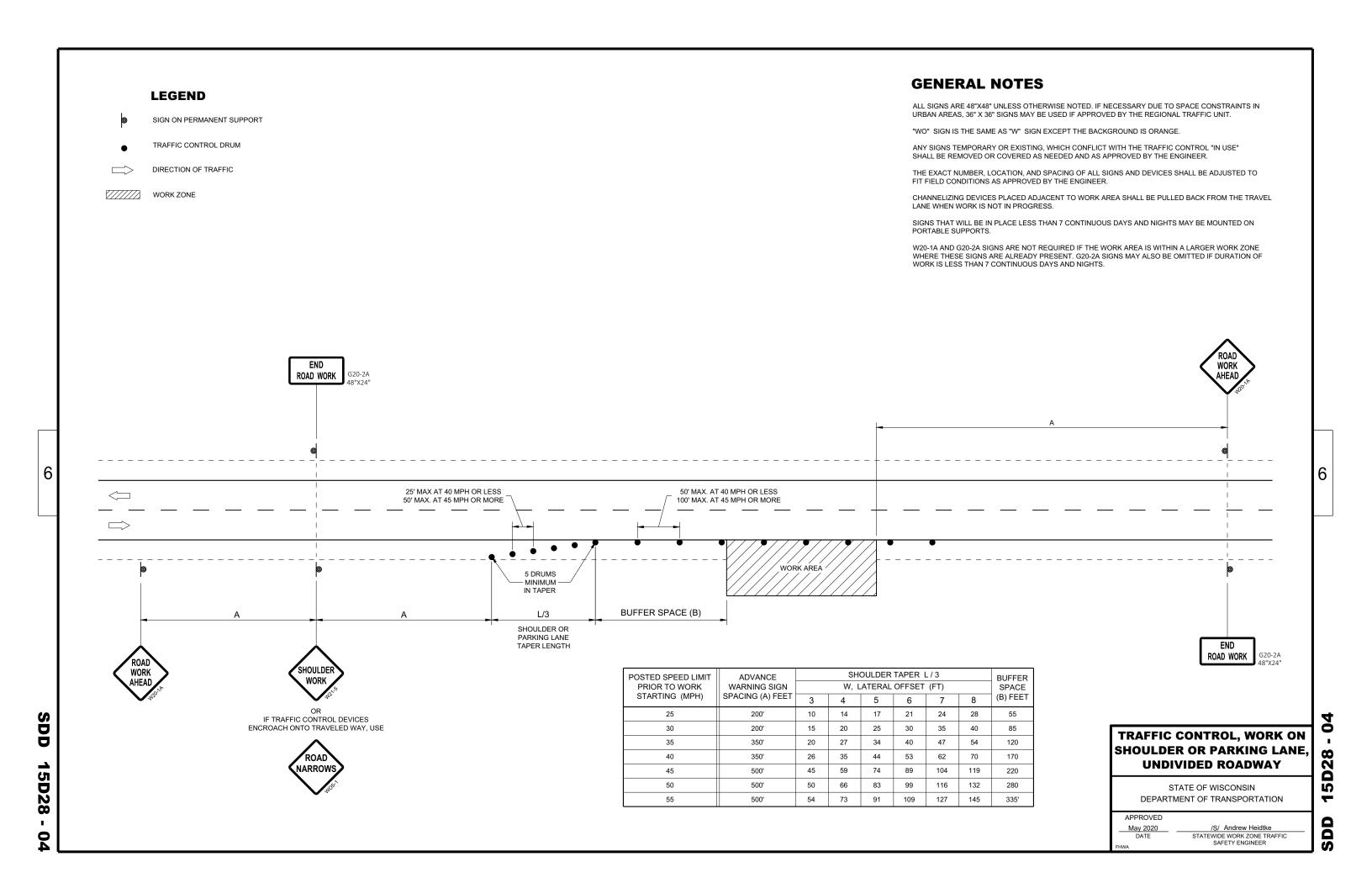
FLASHING ARROW BOARD



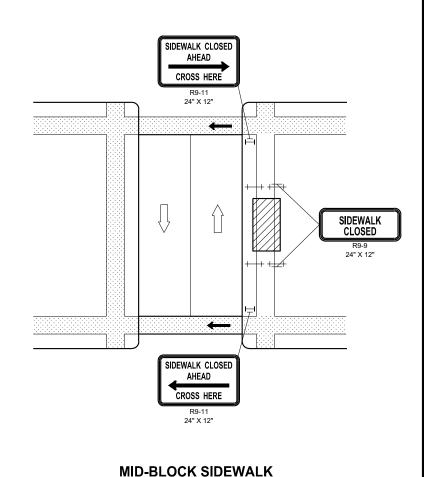


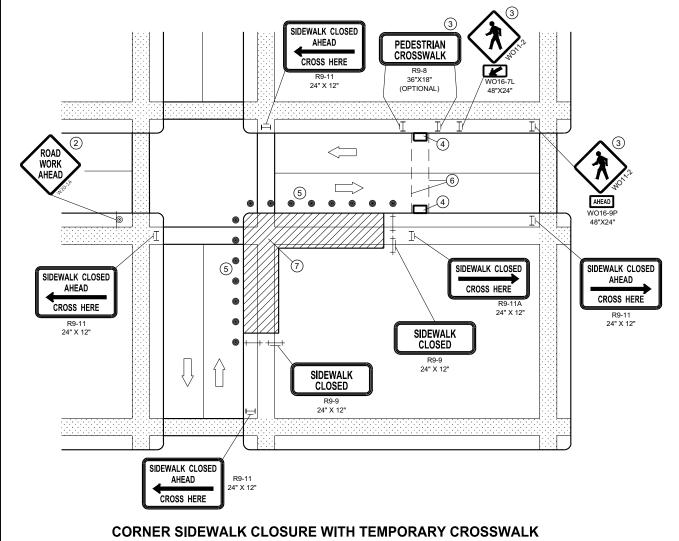






6a





GENERAL NOTES

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

CLOSURE

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 NIGHTIME 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 BETWEEK 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 WO11-2 SIGN ASSEMBLIES. IF PROVIDED INCLUDE ON BOTH SIDES OF THE CROSSWALK
- (4) TEMPORARY CURB RAMPS. SEE SDD 15D30 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

TRAFFIC CONTROL DRUM

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)

UNDER PEDESTRIAN TRAFFIC

WORK AREA

PEDESTRIAN CHANNELIZATION DEVICE

DIRECTION OF TRAFFIC

TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

SDD 15D30 - 06a

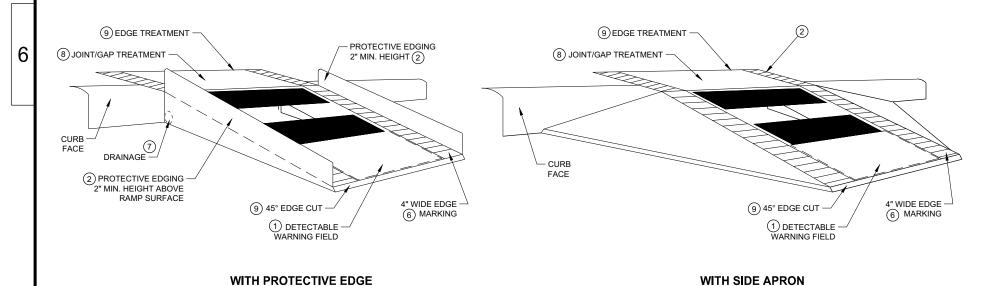
4" WIDE EDGE MARKING (6)

TEMPORARY CURB RAMP PARALLEL TO CURB

CROSS SLOPE 2% MAX. (4)

PROTECTIVE EDGING 2" MIN. HEIGHT

ABOVE RAMP SURFACE (2)



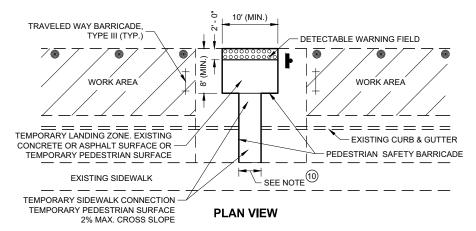
TEMPORARY CURB RAMP PERPENDICULAR TO CURB

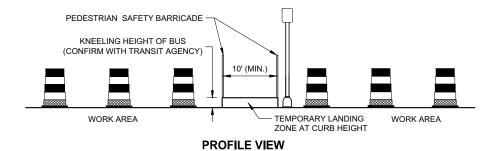
GENERAL NOTES

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 A FIRM, STABLE AND SLIP RESISTANT SURFACE. INSTALL CONTRASTING DETECTABLE WARNING FIELD AT PEDESTRIAN STREET CROSSINGS. REFER TO SDD 08D05, 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" X 48" 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 ½" WIDTH.
- (9) CHANGES BETWEEN SURFACE HEIGHTS SHALL NOT EXCEED ½". LATERAL EDGES SHALL BE VERTICAL UP TO ¼" HIGH AND BEVELED AT 1:2 BETWEEN ¼" AND ½".
- (1) 5" WIDE MIN. WITH PEDESTRIAN SAFETY BARRICADE, 10' WIDE MIN. WITHOUT PEDESTRIAN SAFETY BARRICADE.





TEMPORARY BUS STOP PAD

LEGEND



TRAFFIC CONTROL, PEDESTRIAN ACCOMMODATION

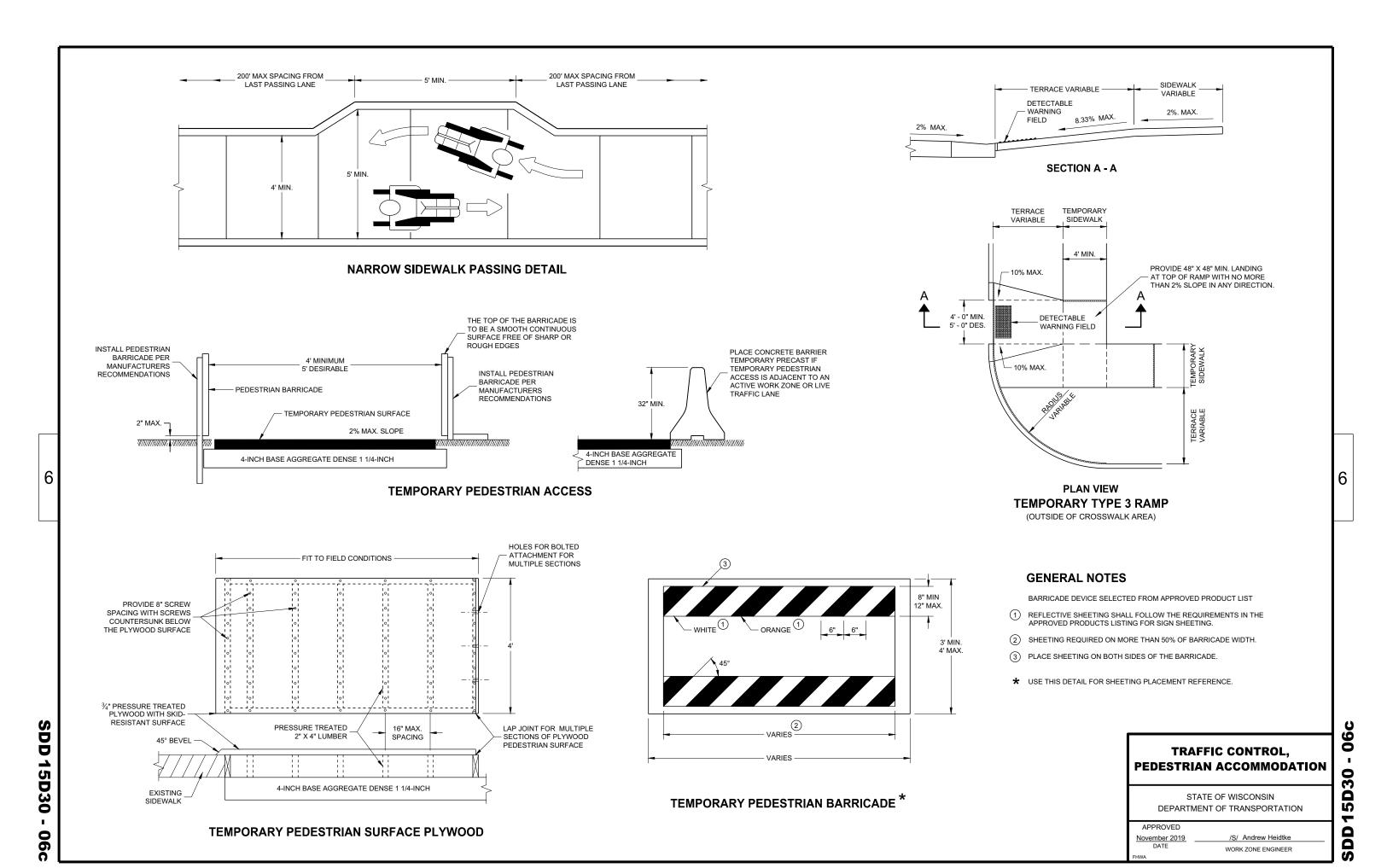
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

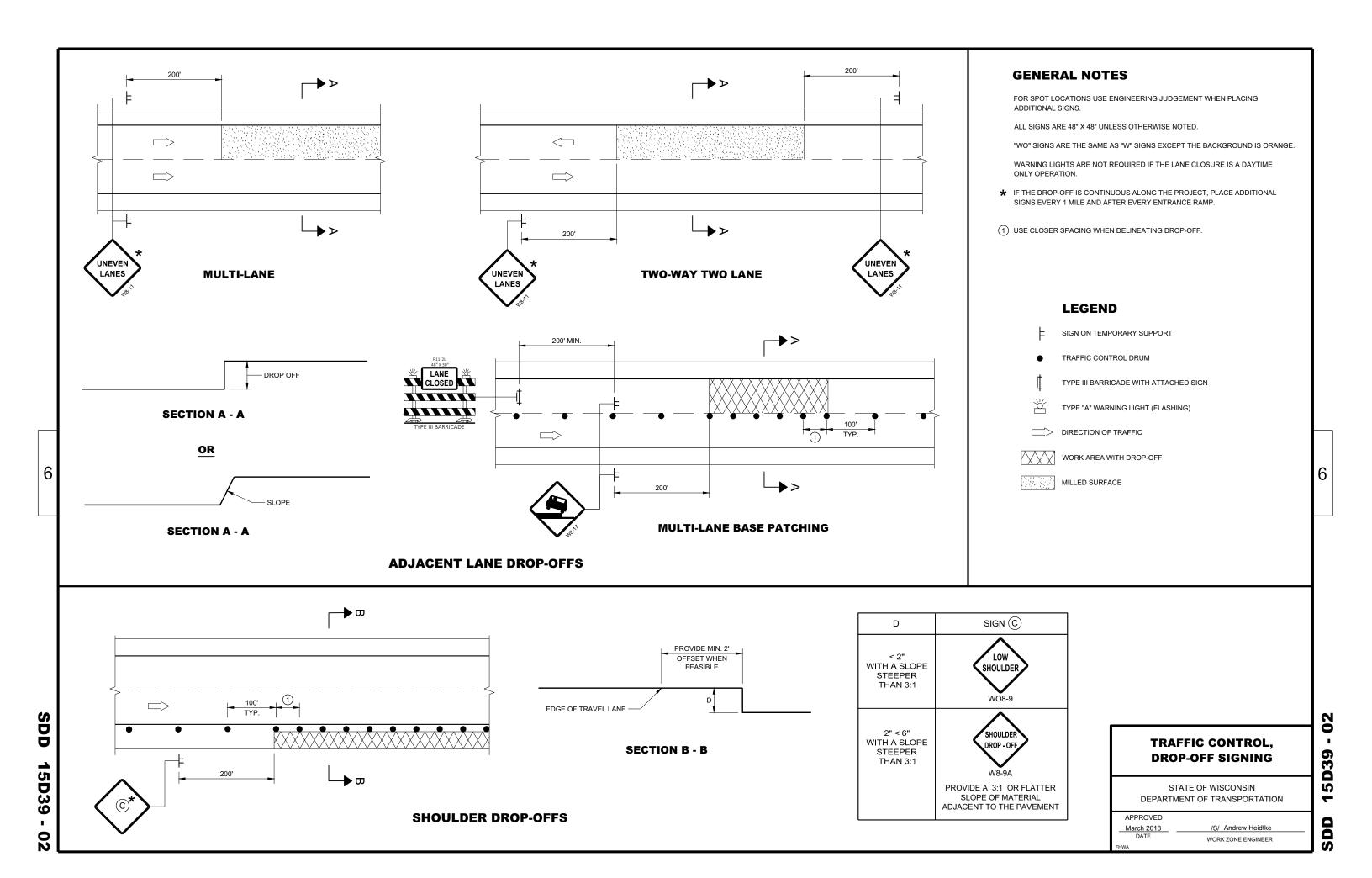
SDD 15D30 - 06

(5) CLEAR SPACE

(9) EDGE TREATMENT

SDD 15D30 - 06b





02a

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0

S

5

ROADWAY STANDARDS DEVELOPMENT ENGINEER

February 2021

DRAWING NOT TO SCALE. ALL SIGNS AND POSTS ON THIS SHEET SHALL BE PAID FOR WITH 'TRAFFIC CONTROL SIGNS' BID ITEM. ALL SIDE ROADS WHICH ARE UNDER CONSTRUCTION OF CURB AND GUTTER AND/OR GRADING SHALL BE ADEQUATELY SIGNED.

ALL SIGNS AND DEVICES SHALL BE IN CONFORMANCE WITH THE WISCONSIN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (WMUTCD). SIGN LAYOUTS SHALL BE IN ACCORDANCE WITH THE WISDOT STANDARD SIGN PLATES.

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

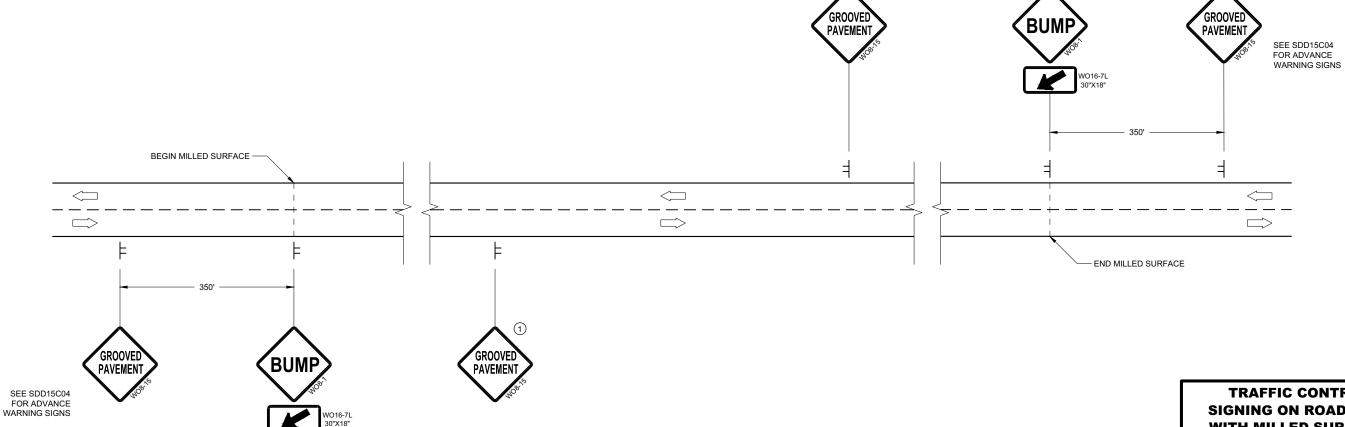
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE

ALL SIGNS INAPPROPRIATE TO THE STATUS OF THE CONTROL ZONE, INCLUDING PRE-EXISTING SIGNS IN THE VICINITY, SHALL BE COVERED

SEE 15C34 FOR ADDITIONAL TRAFFIC CONTROL SIGNING WHEN CENTERLINE PAVEMENT MAKINGS ARE MISSING. 'DO NOT PASS' SIGNS MUST BE INSTALLED ON THE SAME DAY AS MILLING OPERATIONS.

- (1) PLACE SIGNS 350' IN ADVANCE OF MILLED SURFACES AND AT 1 MILE INTERVALS, OR AS DIRECTED BY THE ENGINEER.
- (2) PLACE SIGN 200' MIN. FROM INTERSECTION AND 200' MIN. AFTER ADVANCE WARNING SIGN SHOWN IN SDD 15C04.

DIRECTION OF TRAFFIC



DETAIL FOR SIGNING ON MILLED SURFACES

TRAFFIC CONTROL, **SIGNING ON ROADWAYS WITH MILLED SURFACES**

 $\perp \!\!\! \perp$

TYPICAL SIDE ROAD APPROACH SIGN DETAIL

PAVEMENT

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

APPROVED February 2020 DATE /S/ Andrew Heidtke WORK ZONE ENGINEER

Ò S V2 SHADOW VEHICLE

TRUCK MOUNTED ATTENUATOR (TMA)

FLASHING ARROW PANEL (CAUTION)

///// WORK AREA

DIRECTION OF TRAFFIC

GENERAL NOTES

ALL SIGNS ARE 48"X48" UNLESS OTHERWISE NOTED.

MOBILE IS WORK THAT MOVES CONTINUOUSLY OR MOVES AT LEAST THE DECISION SIGHT DISTANCE EVERY 15 MINUTES.

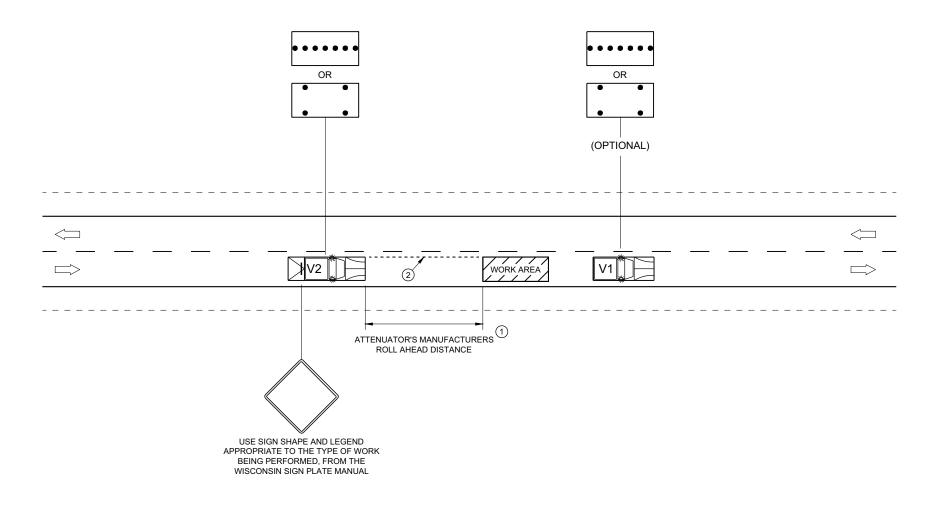
ALL VEHICLES SHALL BE EQUIPPED WITH TWO 360 DEGREE HIGH INTENSITY YELLOW FLASHING LIGHTS OR STROBE LIGHTS AND OPERATED WITH HEADLIGHTS TURNED ON.

ALL ARROW PANELS SHALL BE REAR FACING, TYPE "B" OR "C", AND DISPLAYING THE FLASHING CAUTION MODE. SIGNS PLACED ON VEHICLES MUST NOT OBSCURE THE ARROW PANEL.

USE AN ATTENUATOR ON THE REARMOST VEHICLE THAT BLOCKS ALL OR PART OF THE TRAFFIC LANE

DISTANCE BETWEEN VEHICLES MAY INCREASE FROM THE ATTENUATOR'S ROLL AHEAD BASED ON TERRAIN, SIGHT DISTANCE, 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.

2) ALIGN LEFT SIDE OF SHADOW VEHICLE WITH EDGE OF WORK AREA.



POSTED SPEED PRIOR TO DECISION SIGHT

DISTANCE (D)

550'

700'

700'

900'

900'

1200'

WORK STARTING (MPH)

30

35

40

45

50

55

TRAFFIC CONTROL, MOBILE OPERATIONS ON AN UNDIVIDED ROADWAY

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

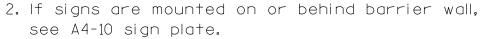
APPROVED

February 2021
DATE

/S/ Andrew Heidtke
STATEWIDE WORK ZONE TRAFFIC
SAFETY ENGINEER

51

S



The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" (\pm). 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" (\pm).

- 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 signs mounted on traffic signal poles is $5'-3''(\frac{+}{2})$.
- 5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 6. The (±) tolerance for mounting height is 3 inches.
- 7. Folding signs shall be mounted at a height of 5'-3'' (\pm) or as directd by the Engineer.

2' Min - 4' Max (See Note 6)

** Curb Flowline

D
White Edgeline Location

*

6'-3"(±)

D |

Outside Edge

of Gravel

White Edgeline
Location

Outside Edge
of Gravel

d.

POST EMBEDMENT DEPTH

Area of Sign
Installation
(Sq.Ft.)
(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.

HWY:

* 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

Matther & Rawk For State Traffic Engineer

DATE 5/13/2020 PLATE NO. _A4-3.22

SHEET NO:

Ε

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A43.dgn

PROJECT NO:

PLOT DATE: 13-MAY 2020 1:04

COUNTY:

PLOT BY : mscj9h

PLOT NAME :

PLOT SCALE: \$\$.....plo†scale.....\$\$ WISDOT/CADDS SHEET 42

APPROVED



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



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

HWY:



PLAN VIEW

COUNTY:

FOR NEW CONCRETE/ASPHALT INSTALLATIONS

SIGN POST BOX-OUTS A4-3B

WISCONSIN DEPT OF TRANSPORTATION

For State Traffic Engineer

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

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A43B.DGN

PROJECT NO:

PLOT DATE: 27-JAN-2014 09:48

PLOT NAME :

PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

APPROVED

WISDOT/CADDS SHEET 42

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. J-Assemblies are considered to be one sign for mounting height.
- 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'' (\pm) 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.

POST EMBEDMENT DEPTH

| D |
|-------|
| (Min) |
| 4' |
| 5' |
| |

WISCONSIN DEPT OF TRANSPORTATION APPROVED For State Traffic Engineer DATE 8/21/17 PLATE NO. <u>A4-4.15</u>





| | SIGN SHAPE OTHER THAN (TWO POSTS REQUIRE) | | |
|-----|---|-----|--|
| | L | E | |
| *** | Greater than 48" Less than 60" | 12" | |
| | 60" to 108" | L/5 | |

HWY:

| SIGN SHAPE OTHER THAN (THREE POSTS REQUIR | |
|---|------|
| L | E |
| Greater than 108" to 144" | 12'' |

COUNTY:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A44.DGN

PROJECT NO:

PLOT DATE: 21-AUG-2017 15:54

PLOT SCALE: 108.188297:1.000000

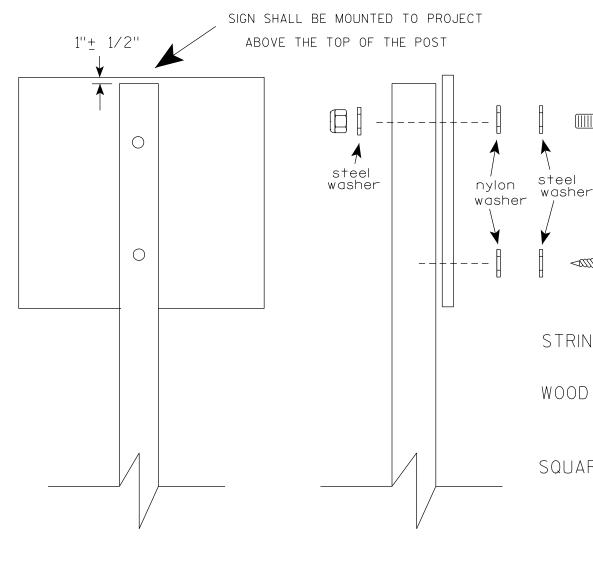
WISDOT/CADDS SHEET 42

OF TYPE II SIGNS ON MULTIPLE POSTS

TYPICAL INSTALLATION

SHEET NO:

PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:



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 - $\frac{5}{16}$ " X 1-3/4" Length w/ lock nuts

WOOD POSTS $(4" \times 6")$

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 - $\frac{1}{32}$ " (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 $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ " STEEL 1-1/4" O.D. X $\frac{3}{8}$ " 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

For State Traffic Engineer

SHEET NO:

DATE <u>4/1/202</u>0

PLATE NO. <u>44-8.9</u>

PROJECT NO:

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\A48.DGN



PROJECT NO: HWY: COUNTY: SHEET NO: 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

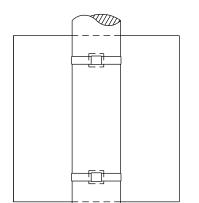
DATE 2/05/15

PLATE NO. <u>A4-9.9</u>

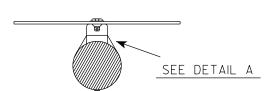
For State Traffic Engineer

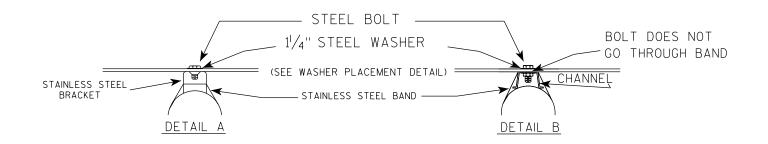


BANDING

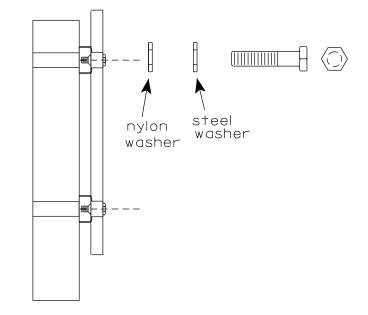


SINGLE SIGN





WASHER PLACEMENT



HWY:

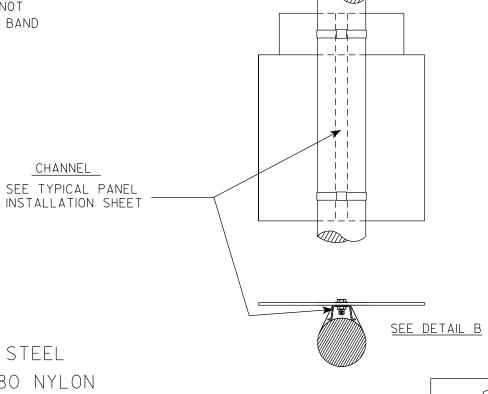
WASHERS (ALL POSTS) -

1-1/4" O.D. X³/₈" I.D. X¹/₁₆" STEEL 1-1/4" O.D. $\times \frac{3}{8}$ " I.D. \times .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 $\frac{3}{4}$ " in width and 0.025" thickness.
- 4. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM designation: B 633, Type III, SC 3

"J" ASSEMBLY



STANDARD SIGN SIGN BANDING DETAILS

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

State Traffic Engineer

Ε

APPROVED

DATE 6/10/19 PLATE NO. A5-9.4

COUNTY:

PLOT DATE: 10-JUN 2019 4:10

PLOT NAME :

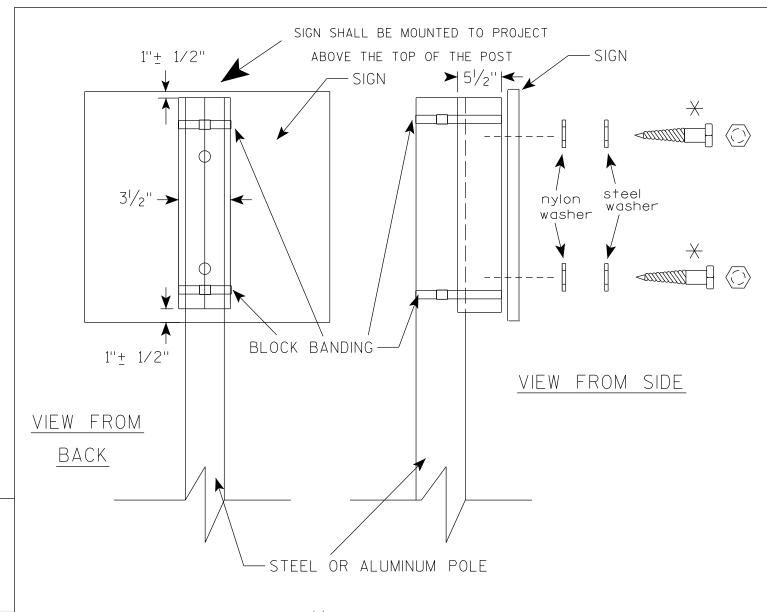
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

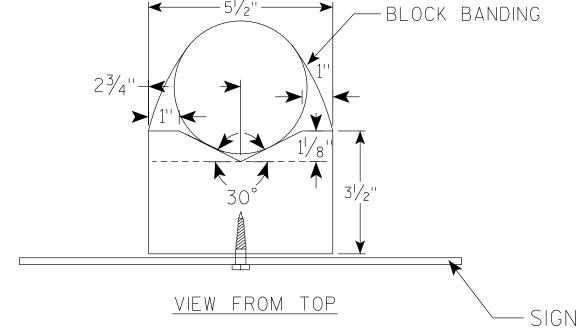
FILE NAME : C:\CAEfiles\Projects\tr_stdplate\A59.dgn

PROJECT NO:

PLOT BY: mscj9h

CHANNEL





GENERAL NOTES

- 1. WOOD 4"X6" POST MATERIAL SHALL CONFORM TO 507.2.2 OF THE WISDOT STANDARD SPECIFICATIONS
- 2. BLOCK BANDING AND CLIPS SHALL BE STAINLESS STEEL, $\frac{3}{4}$ " WIDTH AND 0.025" THICKNESS
- 3. SIGNS 3' OR GREATER IN HEIGHT SHALL UTILIZE 3 BLOCK BANDS.

 SIGNS UNDER 3' IN HEIGHT SHALL UTILIZE 2 BLOCK BANDS
- 4. ACTUAL NUMBER OF FASTENERS PER SIGN VARIES WITH THE SIGN AREA, BUT NORNALLY THERE ARE TWO. FOR SIGNS GREATER THAN 9 S.F. 3 FASTENERS SHALL BE USED.
- 5. ALL SIGN MOUNTING BOLTS AND WASHERS SHALL BE EITHER:
 - a. Hot dip or mechanically galvanized in accordance with ASTM Designation: A 153, Class D
 - b. Electro-galvanized in accordance with ASTM Designation: B 633, TYPE III, SC 3
- 6. ALL BOLTS SHALL HAVE HEXAGONAL HEADS.
- 7. STEEL WASHERS SHALL BE $1\frac{1}{4}$ " O.D. X $\frac{3}{8}$ " I.D. X $\frac{1}{16}$ "
- 8. NYLON WASHERS SHALL BE $1^{1}/_{4}$ " O.D. X $\frac{3}{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

 \rightarrow LAG BOLTS SHALL BE $\frac{3}{8}$ " X $2\frac{1}{2}$ "

BLOCK BANDING DETAIL (V-BLOCK OPTION)

WISCONSIN DEPT OF TRANSPORTATION

| APPROVED

For State Traffic Engineer

SHEET NO:

Matthew R

DATE 6/10/19

PLATE NO. _A5-10.2

PROJECT NO:

FILE NAME: C:\CAEfiles\Projects\tr_stdplate\A510.dgn

PLOT DATE: 10-JUN 2019 4:15

PLOT BY: mscj9h

WISDOT/CADDS SHEET 42

1. Sign is Type II - Type F Reflective - reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.

2. Color:

Background - Orange 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.



Metric equivalent for this sign is:

| SIZE | Α | В | С | D | E | F | G | Н | I | J | К | L | М | N | 0 | Р | Q | R | S | T | U | ٧ | W | Х | Y | Z | Area sq. ft. | Area m2 |
|------|----|----|-------|-----|-----|---|-------|-------|-------|-------|--------|-------|-------|--------|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|------------|
| 1 | 36 | 18 | 1 1/8 | 3/8 | 1/2 | 4 | 3 3/4 | 2 1/2 | 4 1/8 | 4 1/8 | 11 1/8 | 2 | 1 | 12 1/8 | | | | | | | | | | | | | 4.5 | 0.41 |
| 2 | 48 | 24 | 1 1/2 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 % | 6 3/4 | 16 ¾ | 2 1/2 | 1 3/4 | 18 ½ | | | | | | | | | | | | | 8.0 | 0.72 |
| 3 | 48 | 24 | 1 1/2 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 % | 6 3/4 | 16 ¾ | 2 1/2 | 1 3/4 | 18 ½ | | | | | | | | | | | | | 8.0 | 0.72 |
| 4 | 48 | 24 | 1 1/2 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 % | 6 3/4 | 16 ¾ | 2 1/2 | 1 3/4 | 18 ½ | | | | | | | | | | | | | 8.0 | 0.72 |
| 5 | 48 | 24 | 1 1/2 | 1/2 | 5/8 | 6 | 4 1/2 | 3 3/4 | 5 1/8 | 6 3/4 | 16 ¾ | 2 1/2 | 1 3/4 | 18 ½ | | | | | | | | | | | | | 8.0 | 0.72 |

COUNTY:

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED 400 110 00 00 110

for State Traffic Engineer

DATE 9/30/09 PLATE NO. G20-2A.8

SHEET NO:

FILE NAME : C:\Users\PROJECTS\tr_stdplate\G202A.DGN

HWY:

PROJECT NO:

PLOT DATE: 30-SEP-2009 09:31

PLOT BY : ditjph

PLOT NAME :

PLOT SCALE : 5.561773:1.000000

5.561773:1.000000 WISDOT/CADDS SHEET 42



- 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

| * | | | | | | | | — А — ; | | | | | | | | | | | A | |
|----------|---|---|---|---|---|---|---|---|----|---|---|-------|---|---|---|---------|---|---|----------|---|
| | | | | | | | | | H | | | - G - | | | | | | | F | A |
| | | E | | | | | | | -1 | | | _// | | | | | | | | * |
| D | E | F | G | н | I | J | К | L | М | N | 0 | Р | 0 | R | S | Т | U | V | W | Х |

| SIZE | Α | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | 0 | R | S | T | U | ٧ | W | Х | Y | Z | Area sq. ft. |
|------|----|---|---|---|-----|----|--------|-----|---|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| 1 | 30 | | | | 5/8 | 10 | 12 1/2 | 45° | | 12 3/4 | | | | | | | | | | | | | | | | | 5.18 |
| 2S | 30 | | | | 5/8 | 10 | 12 1/2 | 45° | | 12 3/4 | | | | | | | | | | | | | | | | | 5.18 |
| 2M | 36 | | | | 3/4 | 12 | 15 | 45° | | 15 3/8 | | | | | | | | | | | | | | | | | 7.46 |
| 3 | 36 | | | | 3/4 | 12 | 15 | 45° | | 15 3/8 | | | | | | | | | | | | | | | | | 7.46 |
| 4 | 48 | | | | 1 | 16 | 20 | 45° | | 20 1/2 | | | | | | | | | | | | | | | | | 13.25 |
| 5 | 48 | | | | 1 | 16 | 20 | 45° | | 20 1/2 | | | | | | | | | | | | | | | | | 13.25 |
| 6 | 18 | | | | 3/8 | 6 | 7 3/4 | 45° | | 7 3/4 | | | | | | | | | | | | | | | | | 1.86 |
| 7 | 12 | | | | 1/4 | 4 | 5 | 45° | | 5 1/8 | | | | | | | | | | | | | | | | | 0.78 |

COUNTY:

STANDARD SIGN R1-1

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

For State Traffic Engineer

DATE <u>11/12/15</u>

PLATE NO. ____R1-1.13

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\R11.DGN

HWY:

PROJECT NO:

PLOT DATE: 22-AUG-2017 07:19

PLOT BY: \$\$...plotuser...\$\$ PLOT NAME:

PLOT SCALE: 4.427909:1.000000

WISDOT/CADDS SHEET 42

- 1. Sigs are Type II Type H Reflective
- 2. Color:

Background - White Message - Black

- 3. Message Series D
- 4. Use appropriate Letter for Sign Code Each letter added makes sign wider. Example R3-8EAR
- 5. Square footage of sign varies by letters

- 2 Letters = 7.5 sq ft for Size 2 12.0 sq ft for Size 3
- 20.0 sq ft for Size 4 or 5 3 Letters = 11.25 sq ft for Size 2

18.0 sq ft for Size 3 30.0 sq ft for Size 4 or 5

- 4 Letters = 15.0 sq ft for Size 2 24.0 sq ft for Size 3
 - 40.0 sq ft for Size 4 or 5
- 5 Letters = 18.75 sq ft for Size 2 30.0 sq ft for Size 3 50.0 sq ft for Size 4 or 5
- 6 Letters = 22.5 sq ft for Size 2 36.0 sq ft for Size 3 60.0 sq ft for Size 4 or 5
- 6. When letters C,D,G,H are used on the Left or Right end of the sign the Sq.Ft.changes.

Add the amounts when these letters are used:

1.25 sq ft for Size 2 1.5 sq ft for Size 3 2.0 sq ft for Size 4 or 5 STANDARD SIGN R3-8 Series

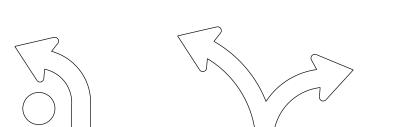
WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch

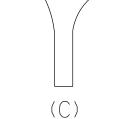
For State Traffic Engineer

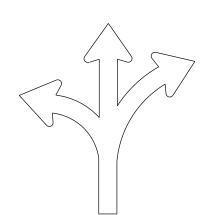
DATE <u>5/21/19</u> PLATE NO. R3-8.1

SHEET NO:

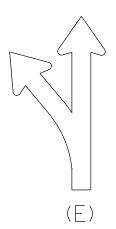


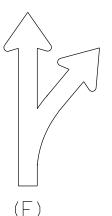
ONLY (B)

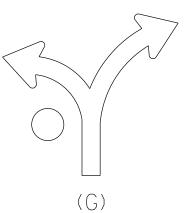


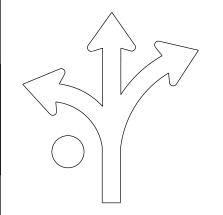


 (Δ)

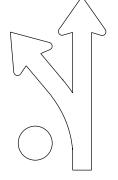






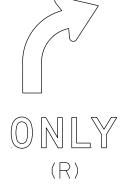


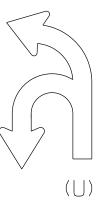
(H)



 (\top)







PROJECT NO:

FILE NAME: C:\CAEfiles\Projects\stdplate_R38.dgn

PLOT DATE : 21-MAY 2019 4:37

PLOT BY: mscj9h

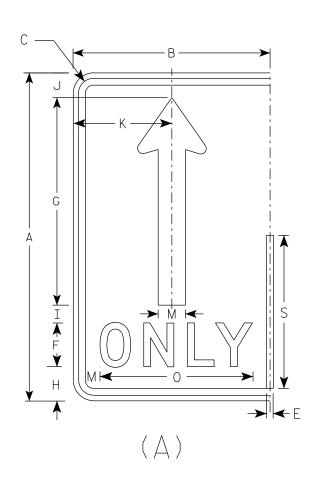
PLOT NAME :

Ε

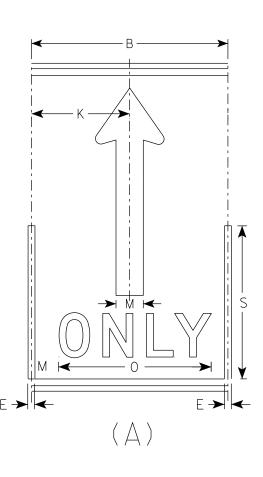
- 1. Sign is Type II Type H Reflective
- 2. Color:

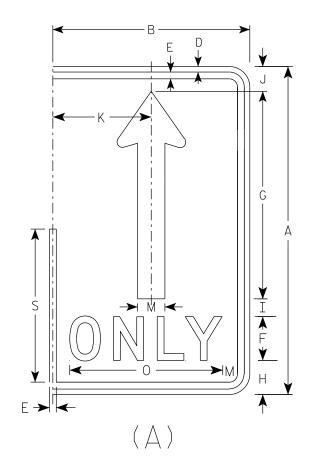
Background - White Message - Black

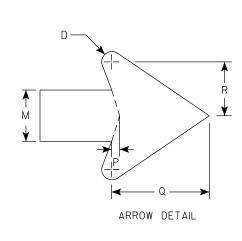
3. Message Series - D



HWY:







| SIZE | А | В | С | D | Е | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | V | W | Х | Y | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|-------|-------|----|---|-------|---|--------|-----|-------|-------|--------|---|---|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 19 | 3 1/8 | 1 5/8 | 2 1/4 | 9 | | 2 1/2 | | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 19 | 3 1/8 | 1 | 2 1/4 | 9 | | 2 1/2 | | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | 5 | 22 ¾ | 3 3/4 | 1 3/4 | 2 3/4 | 12 | | 3 | | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 30 3/8 | 5 1/8 | 2 1/8 | 3 5/8 | 15 | | 4 | | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 30 3/8 | 5 1/8 | 2 1/8 | 3 % | 15 | | 4 | | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | · | | 10.0 |

COUNTY:

STANDARD SIGN R3-8 (A) Arrow WISCONSIN DEPT OF TRANSPORTATION APPROVED State Traffic Engineer DATE 5/21/19 PLATE NO. <u>R3-8.1</u> Ε SHEET NO:

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

PROJECT NO:

PLOT DATE: 21-MAY 2019 4:38

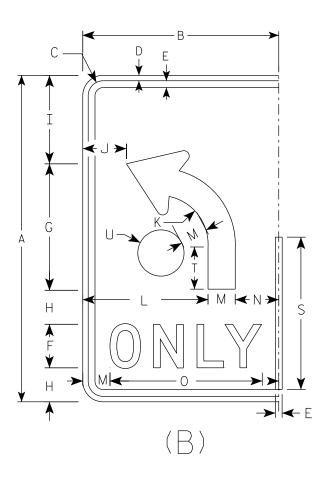
PLOT BY : mscj9h

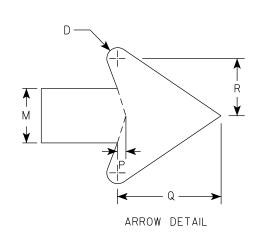
PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

- 1. Sign is Type II Type H Reflective
- 2. Color:

Message Series - D





| SIZE | А | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | V | W | Χ | Y | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|--------|-------|-------|--------|-------|---|--------|-----|-------|-------|--------|-------|-------|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 | 14 | 3 1/8 | 2 1/8 | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 | 14 | 3 1/8 | 2 1/8 | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | 5 | 14 | 3 1/2 | 9 3/4 | 6 | 5 3/8 | 15 | 3 | 6 | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 ¾ | 4 5/8 | 2 1/2 | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | 3 3/8 | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | 3 3/8 | | | | | | 10.0 |

R3-8 (B) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rauch

For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

STANDARD SIGN

PROJECT NO: SHEET NO:

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

PLOT DATE: 21-MAY 2019 4:38

PLOT BY: mscj9h

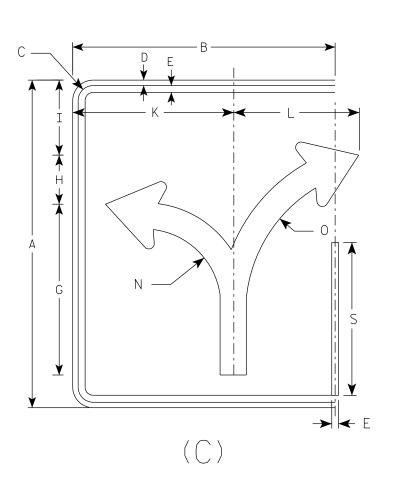
PLOT NAME :

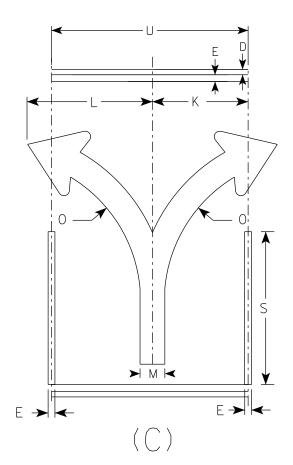
WISDOT/CADDS SHEET 42

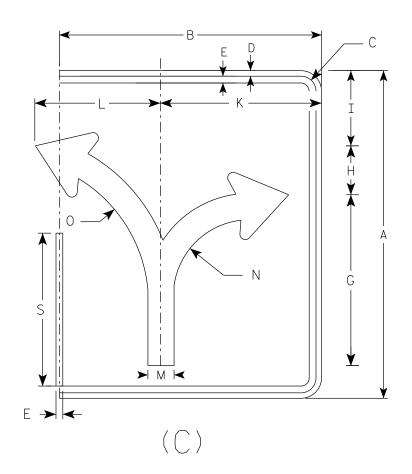
- 1. Sign is Type II Type H Reflective
- 2. Color:

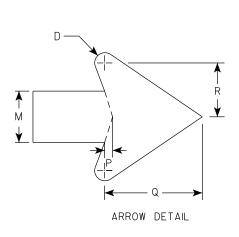
Background - White Message - Black

3. Message Series - None









| | | | | | | | | | | | | | | | | | | | | | | | | | | ENDS | MIDDLE |
|------|----|----|-------|-----|-----|---|--------|-------|-------|--------|--------|-------|--------|--------|-----|-------|-------|--------|---|----|---|---|---|---|---|-----------------|-----------------|
| SIZE | Α | В | С | D | E | F | G | Н | I | J K | L | М | N | 0 | Р | Q | R | S | Т | U | ٧ | W | Х | Y | Z | Area sq. ft. | Area sq. ft. |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 % | 4 1/2 | 6 1/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 18 | | | | | | 5.0 | 3.75 |
| 2M | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 % | 4 1/2 | 6 1/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 18 | | | | | | 5.0 | 3.75 |
| 3 | 36 | 30 | 1 3/8 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 8 1/4 | 17 1/4 | 17 1/4 | 2 1/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | | 24 | | | | | | 7.5 | 6.0 |
| 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 11 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 30 | | | | | | 12.0 | 10.0 |
| 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 11 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 30 | | | | | | 12.0 | 10.0 |

COUNTY:

STANDARD SIGN R3-8 (C) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Raw For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

SHEET NO:

FILE NAME: C:\CAEfiles\Projects\stdplate_R38.dgn

HWY:

PROJECT NO:

PLOT DATE: 21-MAY 2019 4:38

PLOT BY: mscj9h

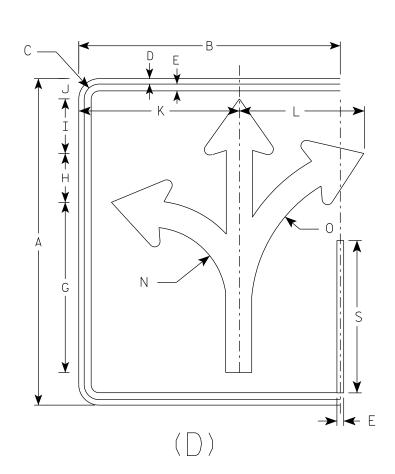
PLOT NAME :

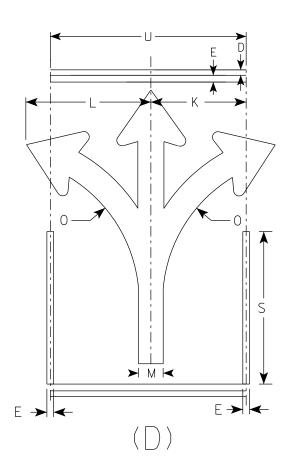
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

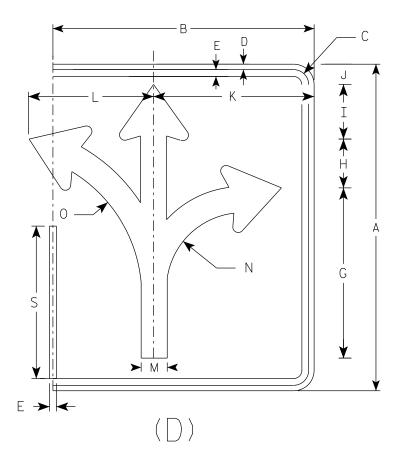
- 1. Sign is Type II Type H Reflective
- 2. Color:

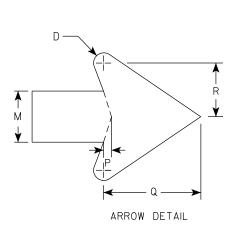
3. Message Series - None

ENDS MIDDLE









| | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
|------|----|----|-------|-----|-----|---|--------|-------|-------|--------------|--------|-------|--------|--------|-----|-------|-------|--------|-----|---|---|---|---|---|-----------------|-----------------|
| SIZE | Α | В | С | D | E | F | G | Н | I | J K | L | М | N | 0 | Р | Q | R | S | T U | ٧ | W | X | Υ | Z | Area sq. ft. | Area sq. ft. |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 5 | 1 1/8 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | 18 | | | | | | 5.0 | 3.75 |
| 2M | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 5 | 1 1/8 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | 18 | | | | | | 5.0 | 3.75 |
| 3 | 36 | 30 | 1 3/8 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 6 | 2 1/4 17 1/4 | 17 1/4 | 2 1/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | 24 | | | | | | 7.5 | 6.0 |
| 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 7 1/8 | 3 1/8 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | 30 | | | | | | 12.0 | 10.0 |
| 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 7 1/8 | 3 1/8 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | 30 | | | | | | 12.0 | 10.0 |

COUNTY:

STANDARD SIGN R3-8 (D) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew & Rauch

For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

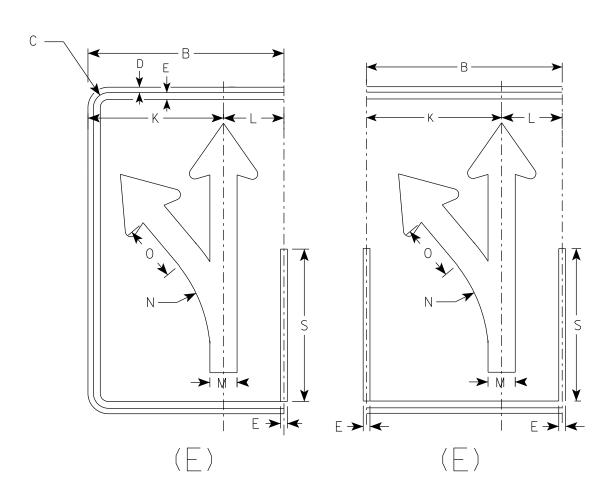
SHEET NO: **E**

HWY:

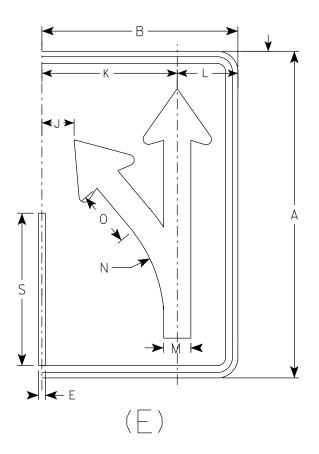
PROJECT NO:

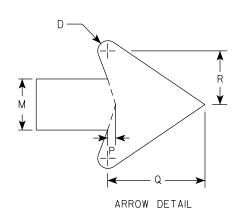
- 1. Sign is Type II Type H Reflective
- 2. Color:

3. Message Series - None



HWY:





| SIZE | А | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | V | W | Х | Y Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|-------|-------|--------|-------|-------|--------|-------|-----|-------|-------|--------|---|---|---|---|---|-----|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | | 21 1/8 | 5 % | 4 | 4 1/8 | 16 1/8 | 7 3/4 | 3 | 15 1/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 % | 4 1/4 | 22 3/8 | | | | | | | 10.0 |

COUNTY:

STANDARD SIGN
R3-8 (E) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew & Lawb

For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

SHEET NO: **E**

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

PROJECT NO:

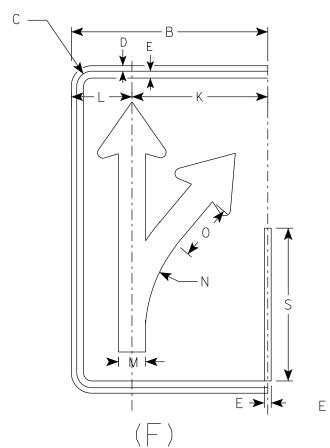
PLOT DATE: 21-MAY 2019 4:38

PLOT BY: mscj9h

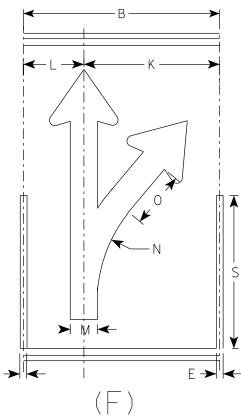
PLOT NAME :

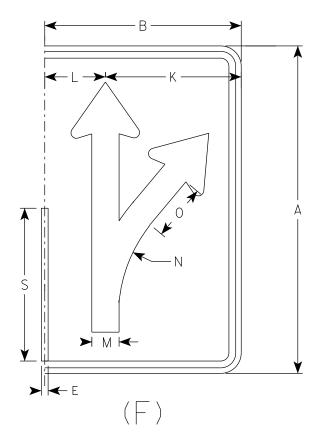
- 1. Sign is Type II Type H Reflective
- 2. Color:

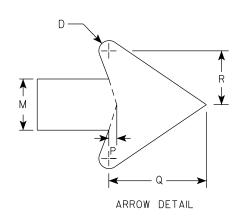
3. Message Series - None



HWY:







| SIZE | А | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | ٧ | W | Х | Y Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|-------|-------|--------|-------|-------|--------|-------|-----|-------|-------|--------|---|---|---|---|---|-----|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | | 21 1/8 | 5 5/8 | 4 | 4 1/8 | 16 1/8 | 7 3/4 | 3 | 15 1/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | | | | | | 10.0 |

COUNTY:

STANDARD SIGN R3-8 (F) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R La For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

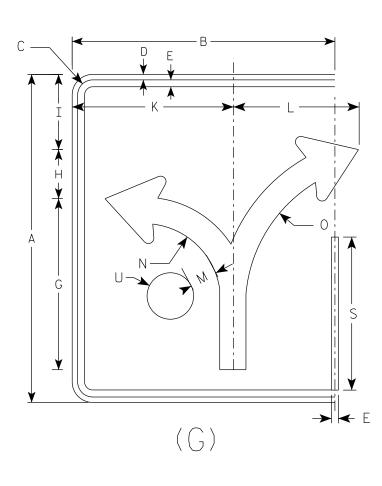
SHEET NO: **E**

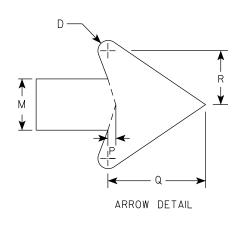
PROJECT NO:

- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

3. Message Series - None





| s | IZE | А | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | T | U | ٧ | w w | Χ | Y | Z | Area sq. ft. |
|---|-----|----|----|-------|-----|-----|---|--------|-------|-------|---|--------|--------|-------|--------|--------|-----|-------|-------|--------|---|-------|---|-----|---|---|---|-----------------|
| | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 25 | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 6 1/8 | | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 2 1/8 | | | | | | 5.0 |
| | 2M | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 % | 4 1/2 | 6 % | | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | | 2 1/8 | | | | | | 5.0 |
| | 3 | 36 | 30 | 1 3/8 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 8 1/4 | | 17 1/4 | 17 1/4 | 2 1/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | | 2 1/2 | | | | | | 7.5 |
| | 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 11 | | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 3 3/8 | | | | | | 12.0 |
| | 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 11 | | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | | 3 3/8 | | | | | | 12.0 |

COUNTY:

STANDARD SIGN R3-8 (G) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Raw
For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

SHEET NO: **E**

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

PROJECT NO:

HWY:

PLOT DATE: 21-MAY 2019 4:38

PLOT BY: mscj9h

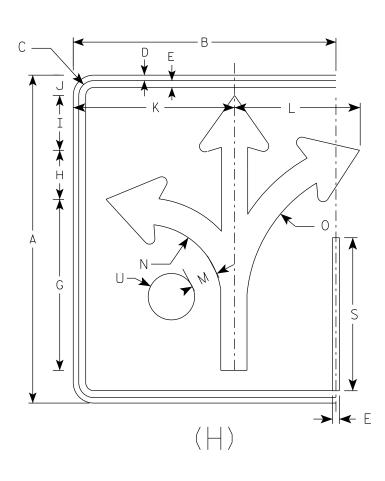
PLOT NAME :

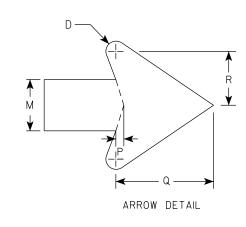
PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

3. Message Series - None





| SIZE | Α | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | T U | V | W | X | Υ | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|-------|-------|--------|--------|-------|--------|--------|-----|-------|-------|--------|-------|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 5/8 | 4 1/2 | 5 | 1 1/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | 2 1/8 | | | | | | 5.0 |
| 2M | 30 | 24 | 1 3/8 | 1/2 | 5/8 | | 15 % | 4 1/2 | 5 | 1 1/8 | 14 3/4 | 11 1/2 | 2 3/8 | 7 | 13 1/4 | 3/8 | 4 1/2 | 2 1/2 | 14 | 2 1/8 | | | | | | 5.0 |
| 3 | 36 | 30 | 1 3/8 | 1/2 | 5/8 | | 18 3/4 | 5 1/2 | 6 | 3 1/8 | 17 1/4 | 17 1/4 | 2 1/8 | 8 3/8 | 16 | 1/2 | 5 1/2 | 3 | 16 3/4 | 2 1/2 | | | | | | 7.5 |
| 4 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 7 1/8 | 3 1/8 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | 3 3/8 | | | | | | 12.0 |
| 5 | 48 | 36 | 2 1/4 | 3/4 | 1 | | 24 1/8 | 7 1/4 | 7 1/8 | 3 1/8 | 23 1/8 | 18 | 3 3/4 | 11 1/8 | 21 1/4 | 5/8 | 7 1/8 | 4 | 22 3/8 | 3 3/8 | | | | | | 12.0 |

COUNTY:

STANDARD SIGN R3-8 (H) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew & Roy State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

HWY:

PROJECT NO:

PLOT DATE: 21-MAY 2019 4:38

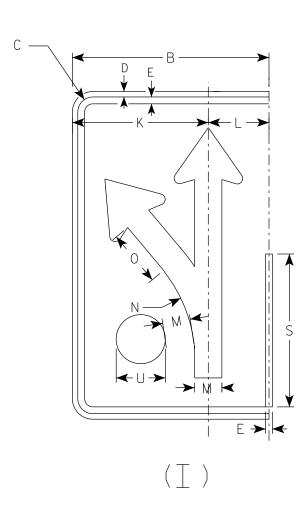
PLOT BY: mscj9h

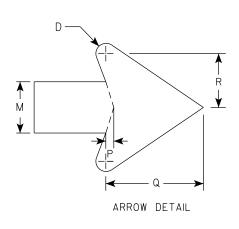
PLOT NAME :

- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

3. Message Series - None





| SIZE | А | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | ٧ | W | Χ | Y | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|-------|-------|--------|-------|-------|--------|-------|-----|-------|-------|--------|---|-------|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | 2 1/8 | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 18 1/4 | 4 3/4 | 3 1/4 | 3 | 12 1/2 | 5 1/2 | 2 1/2 | 13 1/4 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | | 2 1/8 | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | | 21 1/8 | 5 % | 4 | 4 1/8 | 16 1/8 | 7 3/4 | 3 | 15 1/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | | 2 1/2 | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | | 3 3/8 | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 7 1/2 | 5 1/4 | 5 3/8 | 20 1/2 | 9 1/2 | 4 | 21 1/4 | 8 1/4 | 5/8 | 7 | 4 1/4 | 22 3/8 | | 3 3/8 | | | | | | 10.0 |

STANDARD SIGN R3-8 (I) Arrow

WISCONSIN DEPT OF TRANSPORTATION

 f_{or} State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

HWY:

PROJECT NO:

COUNTY:

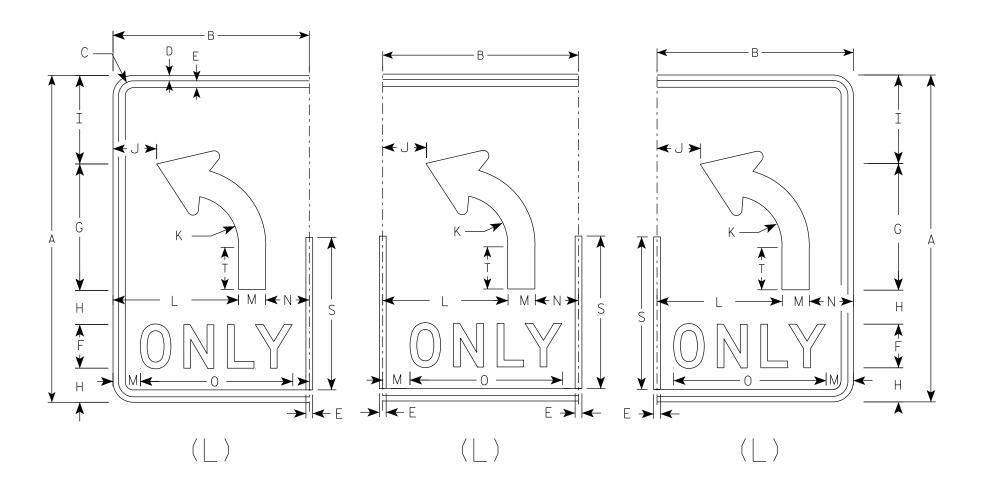
PLOT DATE: 21-MAY 2019 4:38

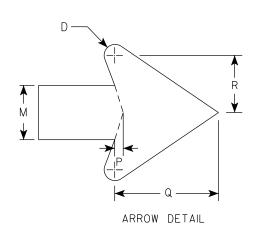
PLOT BY : mscj9h

PLOT NAME :

- 1. Sign is Type II Type H Reflective
- 2. Color:

3. Message Series - D





| SIZE | А | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | ٧ | W | X | Y | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|--------|-------|-------|--------|-------|---|--------|-----|-------|-------|--------|-------|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 % | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 1/8 | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | 5 | 14 | 3 1/2 | 9 3/4 | | 5 3/8 | 15 | 3 | 6 | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | 4 5/8 | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | 10.0 |

STANDARD SIGN
R3-8 (L) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rawl For State Traffic Engineer

DATE <u>5/21/19</u> PLATE NO. R3-8.1

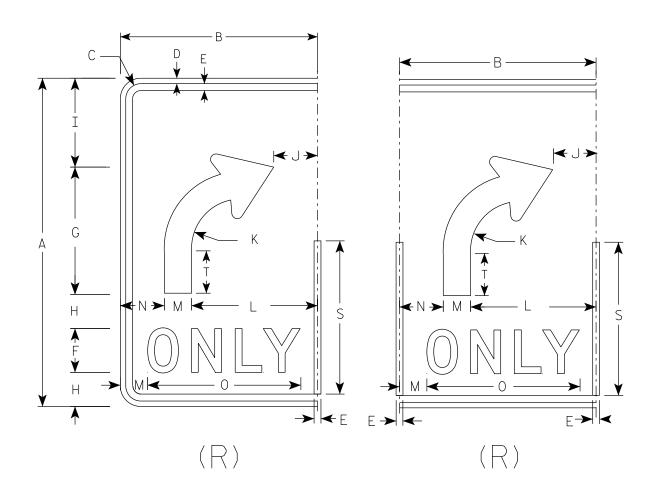
PROJECT NO: SHEET NO:

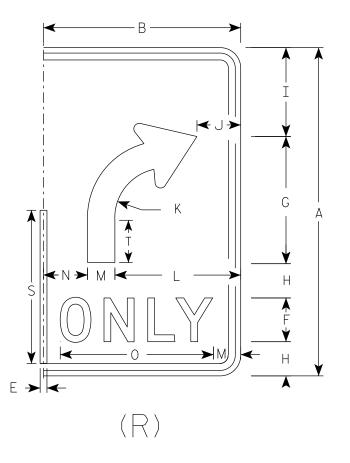
Ε

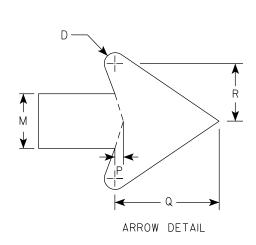
- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

3. Message Series - D







| SIZE | А | В | С | D | Е | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | V | W | X | Y | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|-------|--------|-------|-------|--------|-------|---|--------|-----|-------|-------|--------|-------|---|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 1/8 | | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | 4 | 11 5/8 | 3 1/8 | 8 1/8 | 4 | 4 1/2 | 11 1/2 | 2 1/2 | 4 | 14 | 3/8 | 4 3/4 | 2 5/8 | 14 | 3 1/8 | | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | 5 | 14 | 3 1/2 | 9 3/4 | 6 | 5 3/8 | 15 | 3 | 6 | 17 5/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | 4 5/8 | | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | 6 | 18 5/8 | 5 1/8 | 13 1/8 | 6 1/8 | 7 1/4 | 18 | 4 | 8 | 21 3/4 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 6 1/4 | | | | | | · | 10.0 |

STANDARD SIGN R3-8 (R) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED MA

For State Traffic Engineer

DATE 5/21/19 PLATE NO. R3-8.1

SHEET NO: E

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

PROJECT NO:

PLOT DATE: 21-MAY 2019 4:38

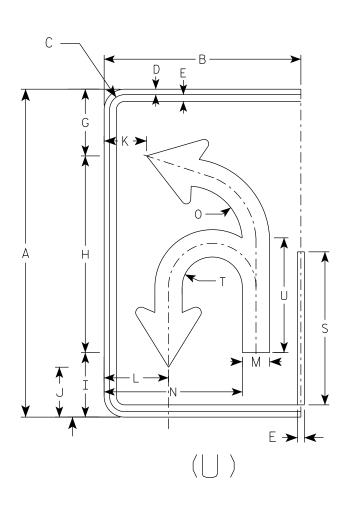
PLOT BY: mscj9h

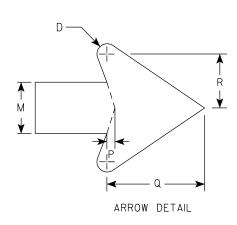
PLOT NAME :

- 1. Sign is Type II Type H Reflective
- 2. Color:

Background - White Message - Black

3. Message Series - None





| SIZE | А | В | С | D | Е | F | G | Н | I | J | K | L | М | N | 0 | Ρ | Q | R | S | Т | | V | W | X | Υ | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|--------|------|-------|-------|-------|-------|-------|--------|-------|-----|-------|-------|--------|-------|--------|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 6 1/8 | 18 | 5 1/8 | 4 5/8 | 3 1/8 | 5 1/8 | 2 1/2 | 12 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | 2 3/4 | 10 1/2 | | | | | | 3.75 |
| 2M | 30 | 18 | 1 3/8 | 1/2 | 5/8 | | 6 1/8 | 18 | 5 1/8 | 4 5/8 | 3 1/8 | 5 % | 2 1/2 | 12 | 5 1/8 | 3/8 | 4 3/4 | 2 5/8 | 14 | 2 3/4 | 10 1/2 | | | | | | 3.75 |
| 3 | 36 | 24 | 1 3/8 | 1/2 | 5/8 | | 21 1/8 | 21 % | 7 1/8 | 5 1/2 | 5 1/8 | 8 1/4 | 3 | 16 3/8 | 6 1/8 | 1/2 | 5 3/4 | 3 1/8 | 16 3/4 | 3 1/4 | 12 5/8 | | | | | | 6.0 |
| 4 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 28 ¾ | 9 3/8 | 7 1/4 | 6 % | 10 | 4 | 20 1/8 | 8 1/8 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 4 3/8 | 16 3/4 | | | | | | 10.0 |
| 5 | 48 | 30 | 2 1/4 | 3/4 | 1 | | 29 1/8 | 28 ¾ | 9 3/8 | 7 1/4 | 6 1/8 | 10 | 4 | 20 1/8 | 8 1/8 | 5/8 | 7 5/8 | 4 1/4 | 22 3/8 | 4 3/8 | 16 3/4 | | | | | | 10.0 |

COUNTY:

STANDARD SIGN R3-8 (U) Arrow

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew

DATE 5/21/19 PLATE NO. R3-8.1

 f_{or} State Traffic Engineer

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\stdplate_R38.dgn

HWY:

PROJECT NO:

PLOT DATE: 21-MAY 2019 4:38

PLOT BY : mscj9h PLOT NAME : PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

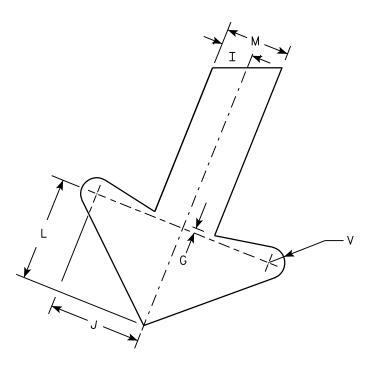
R3-20R

HWY:

- 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.



| AINIVON DETAIL | Α | RROW | DET | AIL |
|----------------|---|------|-----|-----|
|----------------|---|------|-----|-----|

| SIZE | Α | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | ٧ | W | Х | Y | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|---|-----|-------|-------|-------|-----|-------|---|-------|--------|--------|---|--------|--------|----|-----|-----|--------|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 24 | 36 | 1 1/8 | 3/8 | 1/2 | 4 | 1/4 | 2 1/2 | 1 | 2 1/8 | 2 % | 3 1/4 | 2 | 1 1/2 | 8 1/2 | 8 1/4 | | 8 1/8 | 7 | 8 | 22° | 1/2 | 9 1/2 | | | | 6.0 |
| 2M | 24 | 36 | 1 1/8 | 3/8 | 1/2 | 4 | 1/4 | 2 1/2 | 1 | 2 1/8 | 2 % | 3 1/4 | 2 | 1 1/2 | 8 1/2 | 8 1/4 | | 8 1/8 | 7 % | 8 | 22° | 1/2 | 9 1/2 | | | | 6.0 |
| 3 | 36 | 54 | 1 3/4 | 1/2 | 5/8 | 6 | 3/8 | 3 3/4 | 1 1/2 | 4 1/4 | 4 | 4 1/8 | 3 | 2 1/4 | 12 3/4 | 12 1/2 | | 12 1/4 | 11 1/2 | 12 | 22° | 3/4 | 13 1/4 | | | | 13.5 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

COUNTY:

STANDARD SIGN R3-20R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Rauch
Forstate Traffic Engineer

SHEET NO:

DATE 10/18/10

PLATE NO. <u>R3-20R.</u>6

М

Ν

PLOT DATE: 15-OCT-2010 14:59 PLOT BY: do+sja

PLOT NAME :

PLOT SCALE : 5.959043:1.000000

WISDOT/CADDS SHEET 42

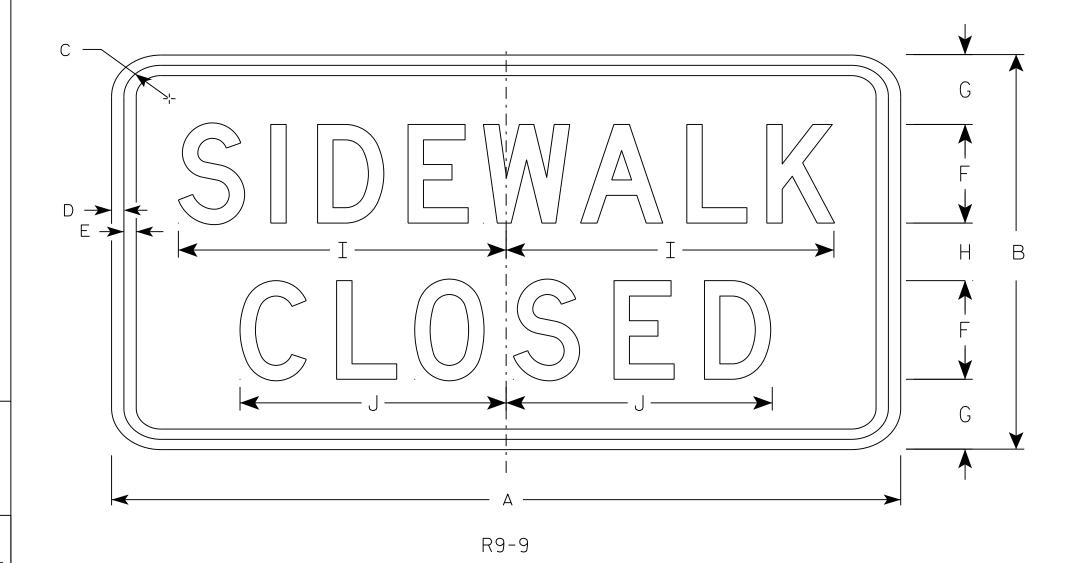
FILE NAME : C:\Users\PROJECTS\tr_stdplate\R320R.DGN

PROJECT NO:

- 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 2S 24 1 3/4 1/2 2 1/8 1 3/4 10 1/2 12 3 8 1/8 2.0 24 1 3/4 1/2 2 1/8 1 3/4 8 1/8 12 10 2.0 1 3/4 3 1/2 30 18 1/2 1/2 3 | 12 1/2 | 10 1/4 3.75

COUNTY:

STANDARD SIGN R9-9

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Marther R Ray

DATE <u>8/11/16</u>

SHEET NO: R9-9.6

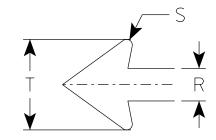
Ε

HWY:

PROJECT NO:

- 1. Sign is Type II Type H Reflective
- 2. Color:

- 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.
- 6. R9-11D (double arrow) R9-11L (left arrow) R9-11R (right arrow)



| RQ_ | . 11 |
|-----------------|------|
| $I \setminus J$ | ΤŢ |

HWY:

| SIZE | А | В | С | D | Е | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | ٧ | W | X | Υ | Z | Area sq. ft. |
|------|----|----|-------|-----|-----|-------|-------|-------|-------|-----|-------|--------|-------|--------|-------|-------|---|-------|-----|-------|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 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 1/8 | 6 1/8 | | 1 1/4 | 1/4 | 3 5/8 | | | | | | 3.125 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | |

COUNTY:

STANDARD SIGN R9-11

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

DATE 3/30/2021 PLATE NO. R9-11.4

Ε

FILE NAME : C:\Users\PROJECTS\tr_stdplate\R911.dgn

PROJECT NO:

PLOT DATE: 30-MAR 2021 1:40

PLOT BY : dotc4c

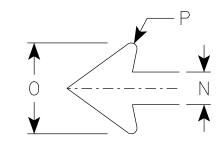
PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

 $D \rightarrow$

- 1. Sign is Type II Type H Reflective
- 2. Color:

- 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.
- 6. R9-11AD (double arrow) R9-11AL (left arrow) R9-11AR (right arrow)



ARROW DETAIL

| SIDE WALK CLOSED F |
|--------------------|
| |
| |
| T V |
| ▲ |
| R9-11A |

| SIZE | А | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | Q | R | S | Т | U | ٧ | W | Х | Υ | 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 % | 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 1/2 | 12 3/4 | 1/2 | 2 | 10 1/4 | 12 3/8 | 8 | 6 3/4 | 1 1/4 | 3 5/8 | 1/4 | | | | | | | | | | | 3.125 |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STANDARD SIGN R9-11A

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

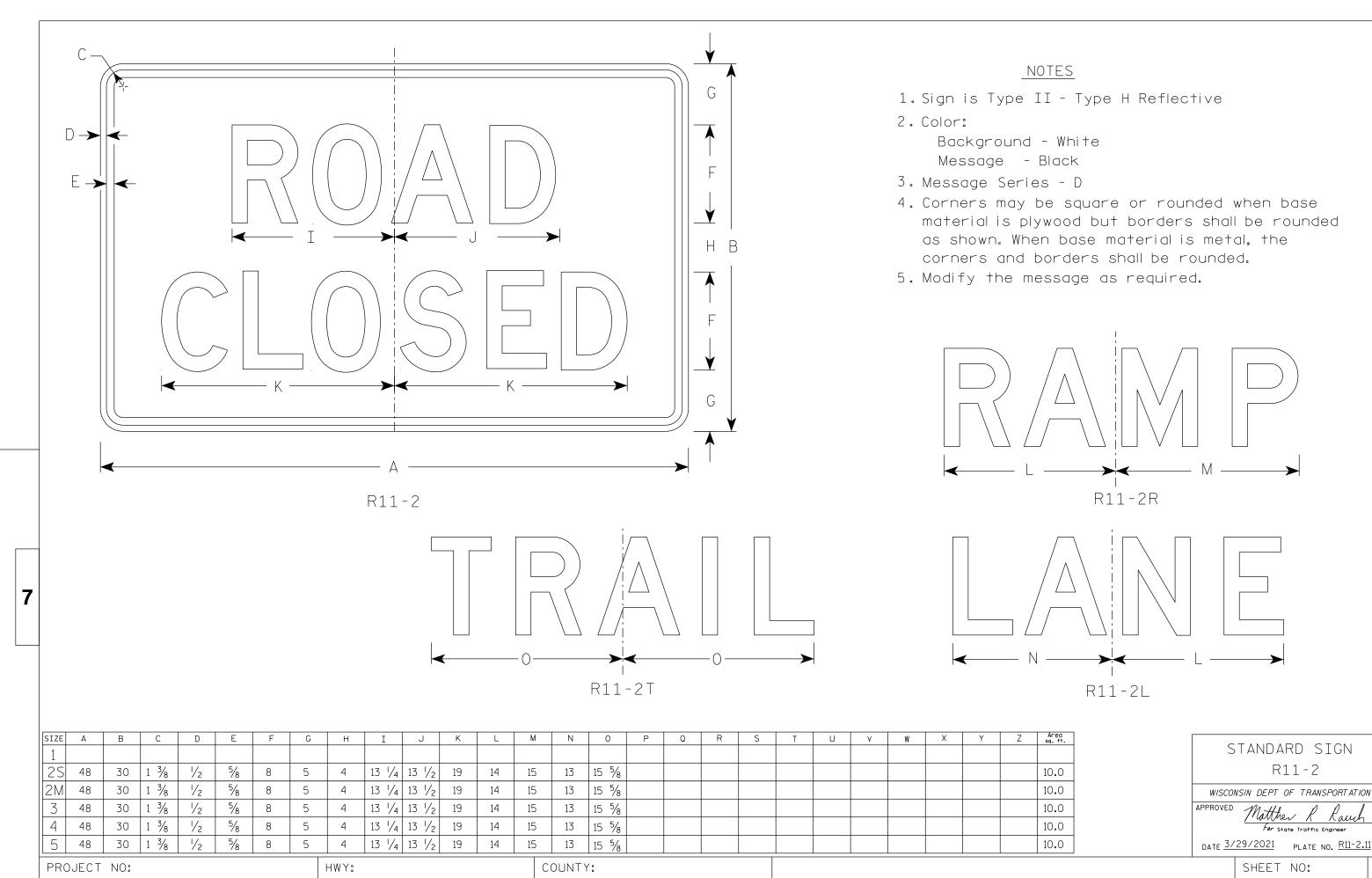
PLOT SCALE :

For State Traffic Engineer

DATE 3/31/2021 PLATE NO. R9-11A.5

COUNTY: PROJECT NO: HWY:

Ε



FILE NAME : C:\Users\PROJECTS\tr_stdplate\R112.dgn

PLOT DATE: 29-MAR 2021 8:15

PLOT BY : dotc4c

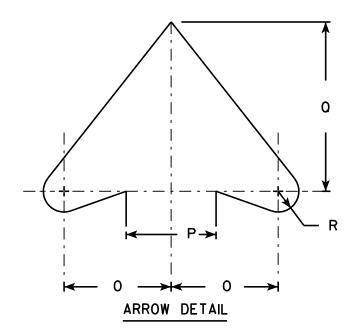
PLOT NAME :

PLOT SCALE: \$\$.....plotscale.....\$\$ WISDOT/CADDS SHEET 42

- 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. 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. W4-3 L is the same as W4-3 R except the arrow is reversed along the vertical centerline.



| SIZE | Α | В | С | D | E | F | G | Н | I | J | K | L | M | N | 0 | Р | 0 | R | S | T | U | ٧ | ₩ | Х | Y | Z | Area sq. ft. |
|------|----|---|-------|-----|-----|---|--------|-------|-------|-------|-------|----|--------|-----|-------|-------|-------|-------------|--------|--------|---|---|---|---|---|---|-----------------|
| 1 | 30 | | 1 3/8 | 1/2 | 5/8 | | 10 % | 6 1/4 | 1 1/4 | 1 % | 2 1/2 | 15 | 9 % | 45° | 3 % | 3 1/4 | 6 1/8 | ₹4 | 6 % | 10 % | | | | | | | 6.25 |
| 25 | 36 | | 1 % | 5/8 | 3/4 | | 12 3/4 | 7 1/2 | 1 ½ | 2 1/4 | 3 | 18 | 11 1/8 | 45° | 4 % | 4 | 7 3/8 | 7 /8 | 7 3/4 | 12 3/4 | | | | | | | 9.0 |
| 2M | 36 | | 1 % | 5/8 | 3/4 | | 12 3/4 | 7 1/2 | 1 ½ | 2 1/4 | 3 | 18 | 11 1/8 | 45° | 4 % | 4 | 7 3/8 | 7/8 | 7 3/4 | 12 3/4 | | | | | | | 9.0 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 48 | | 2 1/4 | 3/4 | 1 | | 17 | 10 | 2 | 3 | 4 | 24 | 15 ¾ | 45° | 6 1/4 | 5 ½ | 9 % | 1 1/4 | 10 1/4 | 17 | | | | | | | 16.0 |
| 5 | 48 | · | 2 1/4 | 3/4 | 1 | | 17 | 10 | 2 | 3 | 4 | 24 | 15 3/4 | 45° | 6 1/4 | 5 ½ | 9 % | 1 1/4 | 10 1/4 | 17 | | | | | | | 16.0 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |

W4-3R

STANDARD SIGN W4-3

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R

Fac: State Traffic Engineer

DATE <u>03/12/13</u>

13 PLATE NO. W4-3.8

SHEET NO:

PROJECT NO:

<u>NOTES</u>

- Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - ORANGE 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.

W4-7R

| l | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------|----|---|-------|-----|-----|---|-------|-------|-----|-------|-------|--------|--------|------|--------|-------|-------|-------|---|---|---|---|---|---|---|---|-----------------|
| SIZE | Α | В | С | D | Ε | F | G | Н | I | J | K | L | М | N | 0 | Р | 0 | R | S | T | U | ٧ | W | X | Y | Z | Areg sq. ft. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 36 | | 1 % | 5/8 | 3/4 | 5 | 2 3/8 | 1 1/8 | 1/2 | 7 | 7 | 11 1/8 | 11 1/4 | 8 % | 9 | 6 1/4 | 7 3/4 | 7 1/8 | | | | | | | | | 9.0 |
| 2M | 36 | | 1 % | 5/8 | 3/4 | 5 | 2 3/8 | 1 % | 1/2 | 7 | 7 | 11 1/8 | 11 1/4 | 8 % | 9 | 6 1/4 | 7 3/4 | 7 % | | | | | | | | | 9.0 |
| 3 | 48 | | 2 1/4 | ₹4 | 1 | 6 | 3 | 2 1/4 | 3/4 | 8 3/8 | 8 1/2 | 13 % | 13 1/2 | 10 ¾ | 10 3/4 | 7 1/2 | 9 % | 9 3% | | | | | | | | | 16.0 |
| 4 | 48 | | 2 1/4 | 3/4 | 1 | 6 | 3 | 2 1/4 | 3/4 | 8 3/8 | 8 ½ | 13 3/8 | 13 1/2 | 10 ¾ | 10 ¾ | 7 1/2 | 9 % | 9 3/8 | | | | | | | | | 16.0 |
| 5 | 48 | | 2 1/4 | 3∕4 | 1 | 6 | 3 | 2 1/4 | 3/4 | 8 3/8 | 8 1/2 | 13 3/8 | 13 ½ | 10 ¾ | 10 ¾ | 7 1/2 | 9 3/8 | 9 3/8 | | | | | | | | | 16.0 |

W4-7L

STANDARD SIGN W4-7L&R

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew R Ray

For State Traffic Engineer

Terr State Traffic Engineer

DATE 6/17/13 PLATE NOW4-7L&R.3

SHEET NO:

FILE NAME: C:\CAEFiles\Projects\tr_stdplate\W47.DGN

PROJECT NO:

PLOT DATE: 17-JUN-2013 14:45

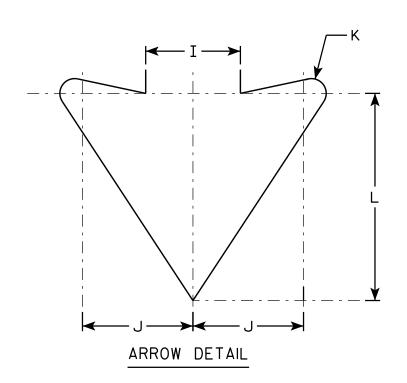
PLOT BY: mscsja

<u>NOTES</u>

- 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. 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.



| | | | | | | | | | W6 | -3 | | | | | | | | | | | | | | | | | |
|------|----|---|-------|-----|-----|--------|--------|-------|-------|-------|-----|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| SIZE | Α | В | С | D | E | F | G | Н | I | J | K | L | М | N | 0 | Р | 0 | R | S | Т | U | v | W | X | Y | Z | Area sq. ft. |
| 1 | 30 | | 1 3/8 | 1/2 | 5/8 | 11 1/8 | 10 1/4 | 2 1/2 | 3 3/4 | 4 3/8 | 5/8 | 8 1/4 | | | | | | | | | | | | | | | 6.25 |
| 2S | 36 | | 1 % | 5/8 | 3/4 | 13 3/8 | 12 1/4 | 3 | 4 1/2 | 5 1/4 | 3/4 | 9 % | | | | | | | | | | | | | | | 9.0 |
| 2M | 36 | | 1 1/8 | 5/8 | 3/4 | 13 3/8 | 12 1/4 | 3 | 4 1/2 | 5 1/4 | 3/4 | 9 % | | | | | | | | | | | | | | | 9.0 |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 48 | | 2 1/4 | 3/4 | 1 | 17 3/4 | 16 3/8 | 4 | 6 | 7 | 1 | 13 1/8 | | | | | | | | | | | | | | | 16.0 |
| 5 | 48 | | 2 1/4 | 3/4 | 1 | 17 3/4 | 16 3/8 | 4 | 6 | 7 | 1 | 13 1/8 | | | | | | | | | | | | | | | 16.0 |
| | | | • | | • | | | | • | • | | • | | | • | | | | | • | • | • | • | • | | | |

COUNTY:

STANDARD SIGN W6 - 3

WISCONSIN DEPT OF TRANSPORTATION

DATE 3/10/16 PLATE NO. W6-3.11

SHEET NO:

PLOT DATE: 10-MAR-2016 14:01 PLOT SCALE: 6.080757:1.000000 PLOT BY: mscsja

PROJECT NO:

← [→**⊢**

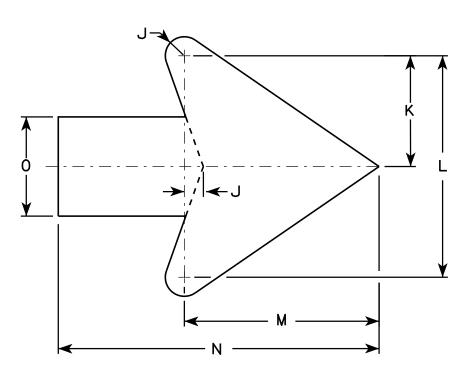
HWY:

≺H**>**|**←** I →

- 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. 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 | Α | В | С | D | E | F | G | н | I | J | K | L | M | N | 0 | Ρ | 0 | R | S | T | U | V | W | X | Y | Z | Areo sq. fi. |
|------|----|---|-------|-----|-----|---|----|---|--------|-------|-------|--------|--------|--------|-------|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | 24 | | 1 1/8 | 1/2 | 3/8 | | 8 | 4 | 9 1/2 | 3/8 | 3 3/8 | 7 1/4 | 6 3/8 | 10 3/8 | 3 1/4 | | | | | | | | | | | | 4.0 |
| 2M | 24 | | 1 1/8 | 1/2 | 3/8 | | 8 | 4 | 9 1/2 | 3/8 | 3 3/8 | 7 1/4 | 6 3/8 | 10 3/8 | 3 1/4 | | | | | | | | | | | | 4.0 |
| 3 | 30 | | 1 3/8 | 1/2 | 5/8 | | 10 | 5 | 11 1/8 | 3/4 | 4 1/2 | 9 | 7 1/8 | 13 | 4 | | | | | | | | | | | | 6.25 |
| 4 | 36 | | 1 3/8 | 1/2 | 5/8 | | 12 | 6 | 14 1/4 | 1 | 5 ½ | 10 1/8 | 9 % | 15 ¾ | 4 3/4 | | | | | | | | | | | | 9.0 |
| 5 | 48 | | 2 1/4 | ₹4 | 1 | | 16 | 8 | 19 | 1 1/4 | 7 1/4 | 14 1/2 | 12 3/4 | 21 | 6 1/4 | | | | | | | | | | | | 16.0 |

COUNTY:

W12-1D

STANDARD SIGN W12-1D

WISCONSIN DEPT OF TRANSPORTATION

Fer State Traffic Engineer DATE 3/13/13 PLATE NO. W12-1D.15

SHEET NO:

FILE NAME : C:\CAEFiles\Projects\tr_stdplate\W121D.DGN

PROJECT NO:

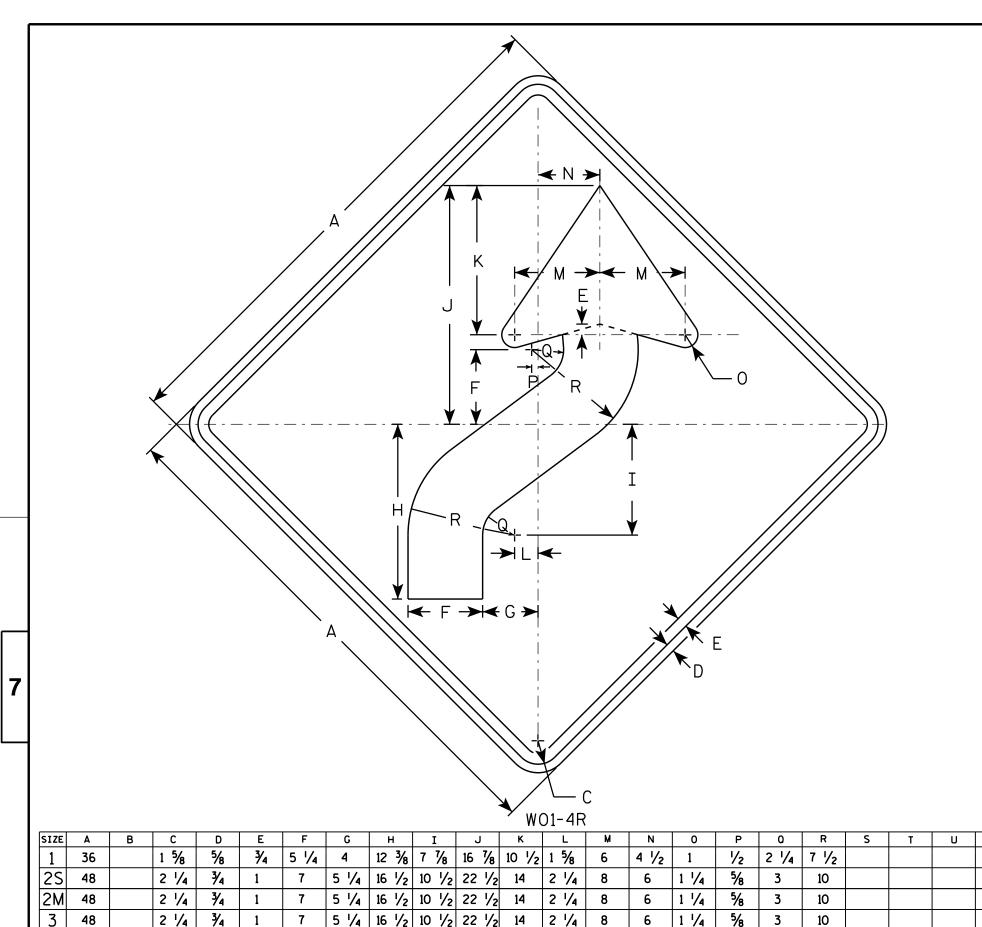
HWY:

PLOT DATE: 13-MAR-2013 13:26

PLOT BY: mscj9h

PLOT NAME :

PLOT SCALE: 4.713802:1.000000



5 1/4 16 1/2 10 1/2 22 1/2 14

5 1/4 16 1/2 10 1/2 22 1/2 14

HWY:

2 1/4

2 1/4

NOTES

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Orange Message - Black

- 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. W01-4L is the same as W01-4R except the arrow is reversed along the vertical centerline.

Area sa. ff. 9.0 16.0 16.0 AP 16.0 16.0 16.0 D

STANDARD SIGN W01-4

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch

For State Traffic Engineer

DATE <u>11/18/1</u>3

PLATE NO. WO1-4.1
SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W014.DGN

48

48

PROJECT NO:

2 1/4 3/4

2 1/4 | 3/4

PLOT DATE : 28-FEB-2014 11:35

10

1 1/4

1 1/4

COUNTY:

5/8

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE: 6.755110:1.000000

WISDOT/CADDS SHEET 42

- 1. Sign is Type II Type F Reflective reference WIS DOT Standard Specification for HIGHWAY and STRUCTURE CONSTRUCTION latest edition.
- 2. Color:

Background - Orange Message - Black

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.

| | G |
|-------|--------------|
| | _ ¥ B |
| W01-6 | ₩ |

| SIZE | Α | В | С | D | E | F | G | Н | I | J | К | L | M | N | 0 | Р | 0 | R | S | Т | U | ٧ | W | Х | Y | Z | Areg sq. ft. |
|------|----|----|-------|-----|-----|---|----|--------|-------|-------|-------|-------|--------|--------|---|---|---|---|---|---|---|---|---|---|---|---|-----------------|
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2S | 48 | 24 | 1 3/8 | 1/2 | 5/8 | | 12 | 13 1/4 | 1 | 7 1/2 | 6 1/2 | 3 1/4 | 19 1/2 | 39 | | | | | | | | | | | | | 8.0 |
| 2M | 48 | 24 | 1 3/8 | 1/2 | 5/8 | | 12 | 13 1/4 | 1 | 7 1/2 | 6 1/2 | 3 1/4 | 19 1/2 | 39 | | | | | | | | | | | | | 8.0 |
| 3 | 60 | 30 | 1 3/8 | 1/2 | 5/8 | | 15 | 16 1/4 | 1 1/4 | 9 1/4 | 8 | 4 | 24 3/8 | 48 3/4 | | | | | | | | | | | | | 12.5 |
| 4 | 60 | 30 | 1 3/8 | 1/2 | 5/8 | | 15 | 16 1/4 | 1 1/4 | 9 1/4 | 8 | 4 | 24 3/8 | 48 ¾ | | | | | | | | | | | | | 12.5 |
| 5 | 60 | 30 | 1 3/8 | 1/2 | 5/8 | | 15 | 16 1/4 | 1 1/4 | 9 1/4 | 8 | 4 | 24 3/8 | 48 ¾ | | | | | | | | | | | | | 12.5 |

COUNTY:

STANDARD SIGN WO1-6

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch
For State Traffic Engineer

For State Traffic Engineer

13 PLATE NO. <u>W01-6.1</u>

DATE <u>11/18/13</u>

SHEET NO:

FILE NAME : C:\CAEfiles\Projects\tr_stdplate\W016.DGN

HWY:

PROJECT NO:

PLOT DATE : 28-FEB-2014 11:37

PLOT NAME :

PLOT BY: mscj9h

PLOT SCALE: 5.837526:1.000000

WISDOT/CADDS SHEET 42

Notes



Wisconsin Department of Transportation

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