

JARED HALBUR

#### GENERAL NOTES

UTILITY FACILITIES SHOWN AREA APPROXIMATE AND THERE MAY BE OTHER UTILITY NOT SHOWN. PRIVATE UTILITIES AND OTHER UTILITIES NOT LOCATED BY A DIGGERS HOTLINE LOCATE ARE NOT SHOWN. FIELD VERIFY AND LOCATE ALL UTILITIES FOR ACTUAL LOCATIONS, OTHER FACILITIES SIZES, TYPES, MATERIALS, AND DEPTHS.

THE CONTRACTORS PAVING OPERATION SHALL BE CONSISTENT WITH THE PLAN TYPICAL SECTIONS AND CONSTRUCTED TO PREVENT HMA LONGITUDINAL JOINTS FROM BEING LOCATED WITHIN A DRIVING, TURNING, AND PASSING LANE.

THE QUANTITY OF THE ITEM BASE AGGREGATE DENSE OR HMA PAVEMENT IS MEASURED FOR PAYMENT BY THE TONS. THE THICKNESS SHOWN ON THE PLANS IS APPROXIMATE. THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

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

ORDER OF SECTION 2 SHEETS

GENERAL NOTES

PROJECT OVERVIEW

TYPICAL SECTIONS

CONSTRUCTION DETAILS

TRAFFIC CONTROL

#### RUNOFF COEFFICIENT TABLE

		HYDROLOGIC SOIL GROUP										
A		В			С			D				
	SLOP	E RANGE	(PERCENT)	s	SLOPE RANGE (PERCENT)		SLO	SLOPE RANGE (PERCENT)		SLOPE RANGE (PERCENT)		
LAND USE:	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	.08	.16 .30	.22 .38	.12 .26	.20 .34	.27 .44	.15 .30	.24 .37	.33 .50	.19 .34	.28 .41	.38 .56
MEDIAN STRIP- TURF	.19 .24	.20 .26	.24 .30	.19 .25	.22 .28	.26 .33	.20 .26	.23	.30 .37	.20 .27	.25 .32	.30 .40
SIDE SLOPE- TURF			.25 .32			.27 .34			.28 .36			.30 .38
PAVEMENT:		1	•			•	•			•		•
ASPHALT						.7095						
CONCRETE						.8095						
BRICK	.7080											
DRIVES, WALKS						.7585						
ROOFS	.7595											
GRAVEL ROADS, SH	ROADS, SHOULDERS .4060											

TOTAL PROJECT AREA = 53.85 ACRES

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.11 ACRES

DESIGN CONTACTS

DEPARTMENT OF NATURAL RESOURCES

ATTN: JAY SCHIEFELBEIN 2984 SHAWNO AVE. GREEN BAY, WI 54313 OFFICE: 920.360.3784

EMAIL: jeremiah.schiefelbein@wisconsin.gov

GREMMER & ASSOCIATES, INC. ATTN: JARED HALBUR 120 WILSHIRE BOULEVARD NORTH

STEVENS POINT, WI 54481 OFFICE: 715.341.4363

EMAIL: j.halbur@gremmerassociates.com

WISCONSIN DEPARTMENT OF TRANSPORTATION

ATTN: MICHAEL GRAGE 510 N HANSON LAKE ROAD RHINELANDER, WI 54501 OFFICE: 715.365.5705

EMAIL: michael.grage@dot.wi.gov

MARATHON COUNTY HIGHWAY DEPARTMENT

ATTN: JAMES GRIESBACH 1430 WEST STREET

WAUSAU, WI 54401 OFFICE: 715.261.1801

EMAIL: james.griesbach@co.marathon.wi.us

UTILITIES

CHARTER COMMUNICATIONS - COMMUNICATION LINE

ATTN: JOE HANSON
7575 BOMBARDIER CT
WAUSAU WI, 54401
PHONE: 715.492.9331
EMAIL: jhanson@push.us

EVERSTREAM - COMMUNICATION LINE ATTN: SHAD GARCIA

324 E WISCONSIN AVE, SUITE 730 MILWAUKEE WI, 53202

PHONE: 414.522.6685 EMAIL: sgarcia@everstream.net

FRONTIER COMMUNICATIONS - COMMUNICATION LINE

ATTN: RUSSELL RYAN
118 DIVISION STREET
PLYMOUTH, WI 53073
PHONE: 920.583.3275
EMAIL: russel.w.ryan@ftr.com

WISCONSIN PUBLIC SERVICE - ELECTRICITY

ATTN: JESSES PATTEN

PO BOX 1166 WAUSAU, WI 54402 PHONE: 715.848.7405

EMAIL: jesse.patten@wisconsinpublicservice.com

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

WISDOT/CADDS SHEET 42

PLOT SCALE :

1 IN:100 FT

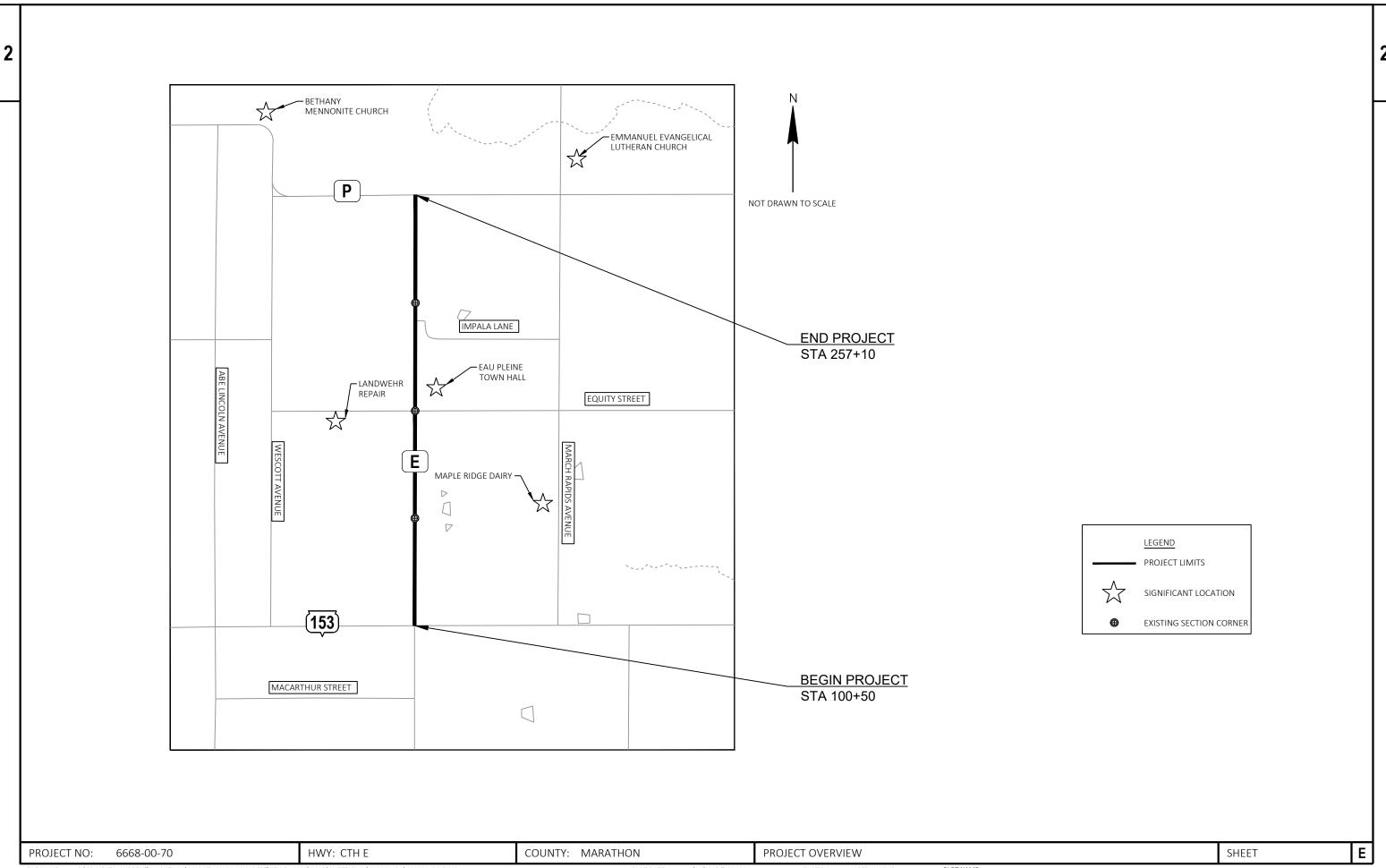
PROJECT NO: 6668-00-70 HWY: CTH E COUNTY: MARATHON GENERAL NOTES SHEET **E** 

8/12/2025 4:05 PM

PLOT BY:

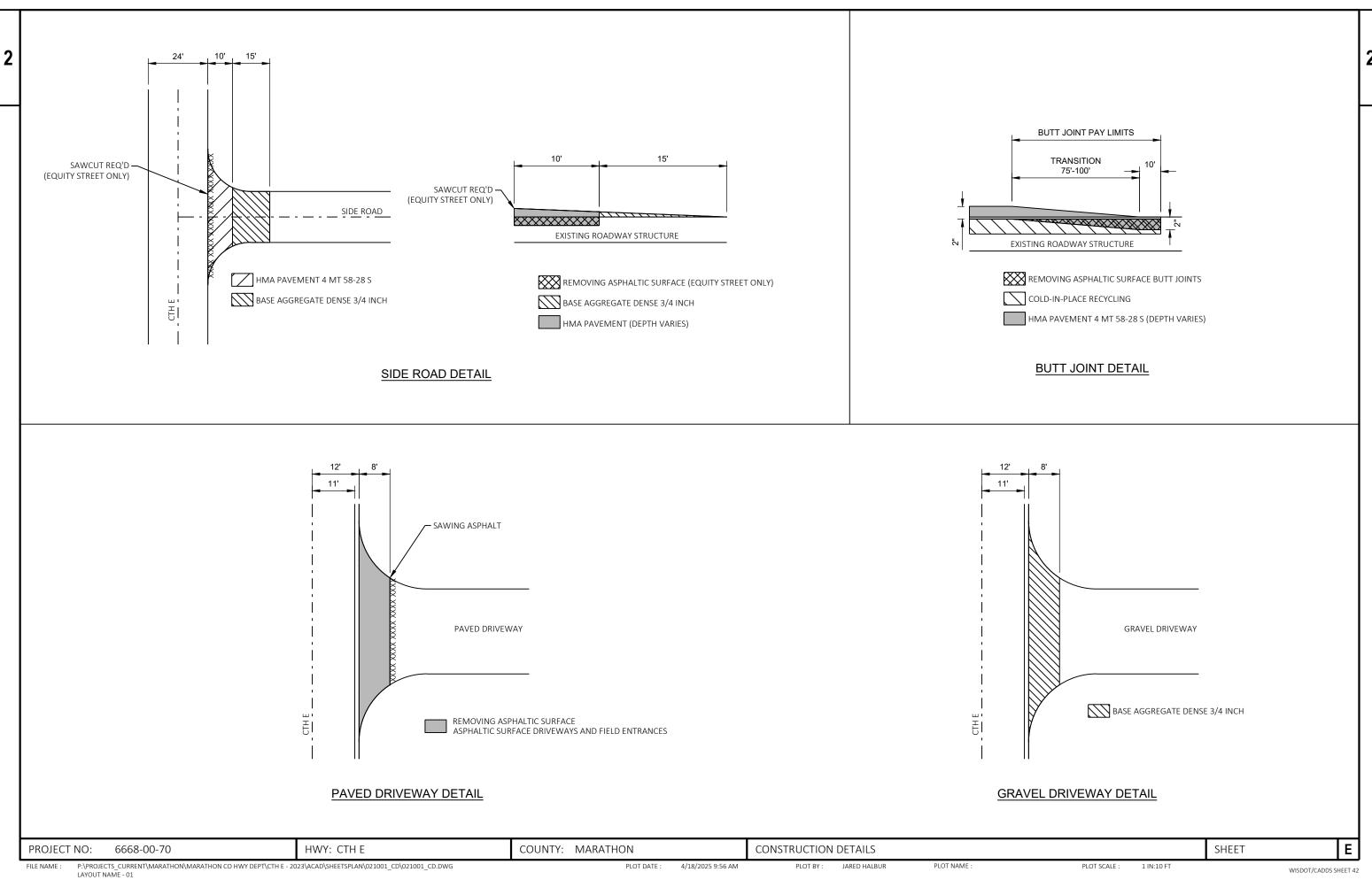
JARED HALBUR

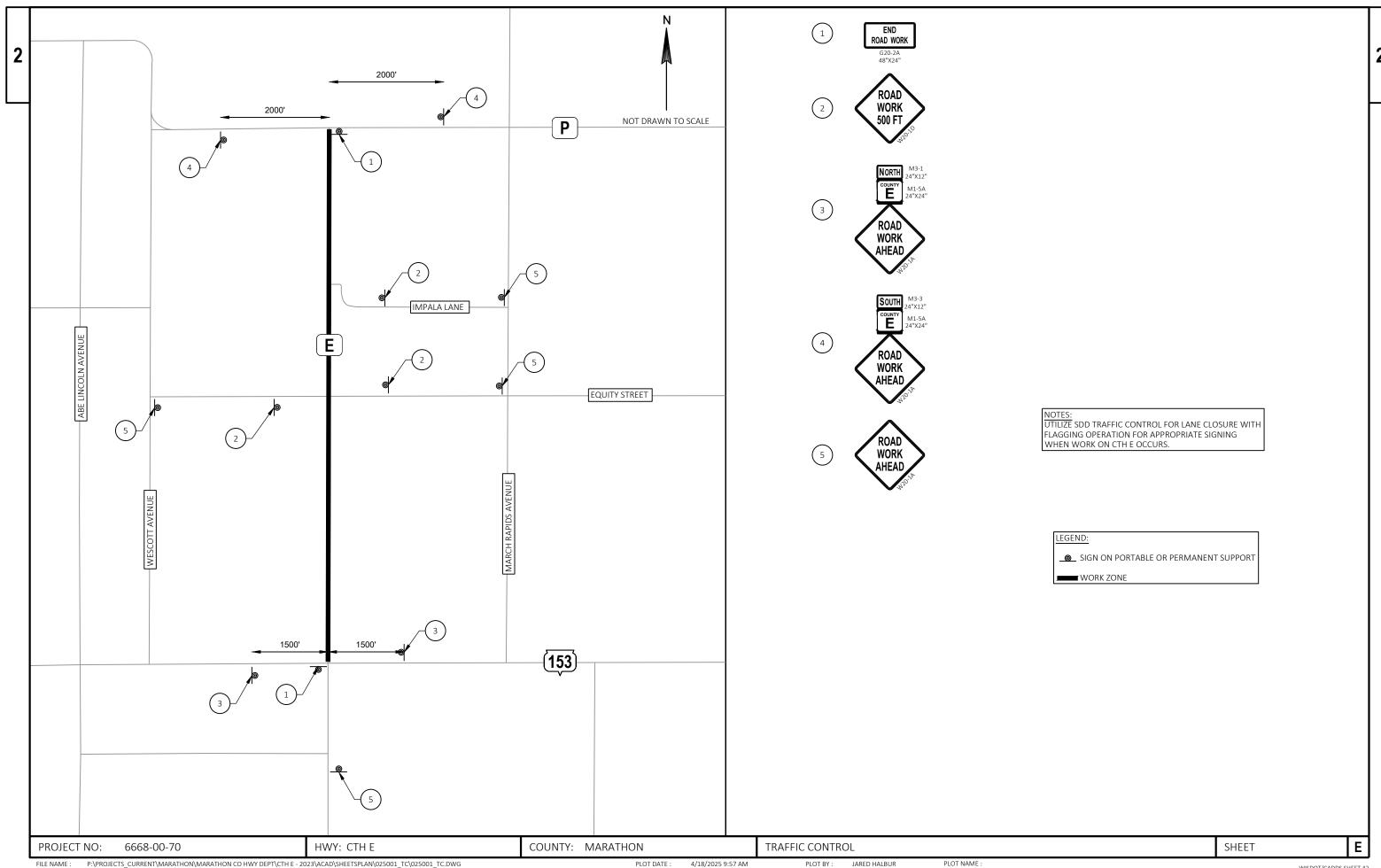
PLOT NAME



FILE NAME: P\PROJECTS\_CURRENT\MARATHON\CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\020201\_PO\020201\_PO.DWG PLOT DATE: 8/12/2025 7:49 AM PLOT BY: JARED HALBUR PLOT NAME: WISDOT/CADDS SHEET 42 LAYOUT NAME - Plan 1 IN 20 FT

R/W R/W 33' 33' 11' SOUTHBOUND NORTHBOUND TRAVEL LANE TRAVEL LANE VARIES VARIES **YARIES** EXISTING GROUND **EXISTING** GROUND - 4" EXISTING ASPHALTIC PAVEMENT - 8" EXISTING BASE └─ 4" EXISTING BASE AGGREGATE SHOULDER, TYP **EXISTING TYPICAL SECTION** STA 100+50 - 257+10 MARKING LINE EPOXY 6-INCH, TYP R/W R/W 33' 1' PAVED SHOULDER 1' PAVED SHOULDER 11' SOUTHBOUND NORTHBOUND TRAVEL LANE TRAVEL LANE 2.00% 4.00% EXISTING GROUND **EXISTING** ─ 2" HMA PAVEMENT 4 LT 58-28 S GROUND <sup>1</sup> 3" COLD-IN-PLACE RECYCLING (24' PAY LIMITS) 1" APPROXIMATE EXISTING ASPHALTIC PAVEMENT EXISTING BASE └─ 2" BASE AGGREGATE DENSE 3/4-INCH, TYP └─ SHAPING SHOULDERS, TYP FINISHED TYPICAL SECTION STA 100+50 - 257+10 HWY: CTH E Ε PROJECT NO: 6668-00-70 COUNTY: MARATHON TYPICAL SECTIONS SHEET P:\PROJECTS\_CURRENT\MARATHON\MARATHON CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\020301\_TS\020301\_TS.DWG PLOT DATE : 8/12/2025 9:56 AM PLOT BY: JARED HALBUR PLOT NAME : PLOT SCALE : 1 IN:10 FT FILE NAME : WISDOT/CADDS SHEET 42





P:\PROJECTS\_CURRENT\MARATHON\MARATHON CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\025001\_TC\025001\_TC.DWG LAYOUT NAME - Plan 1 IN 20 FT PLOT DATE : 4/18/2025 9:57 AM PLOT BY: JARED HALBUR PLOT NAME :

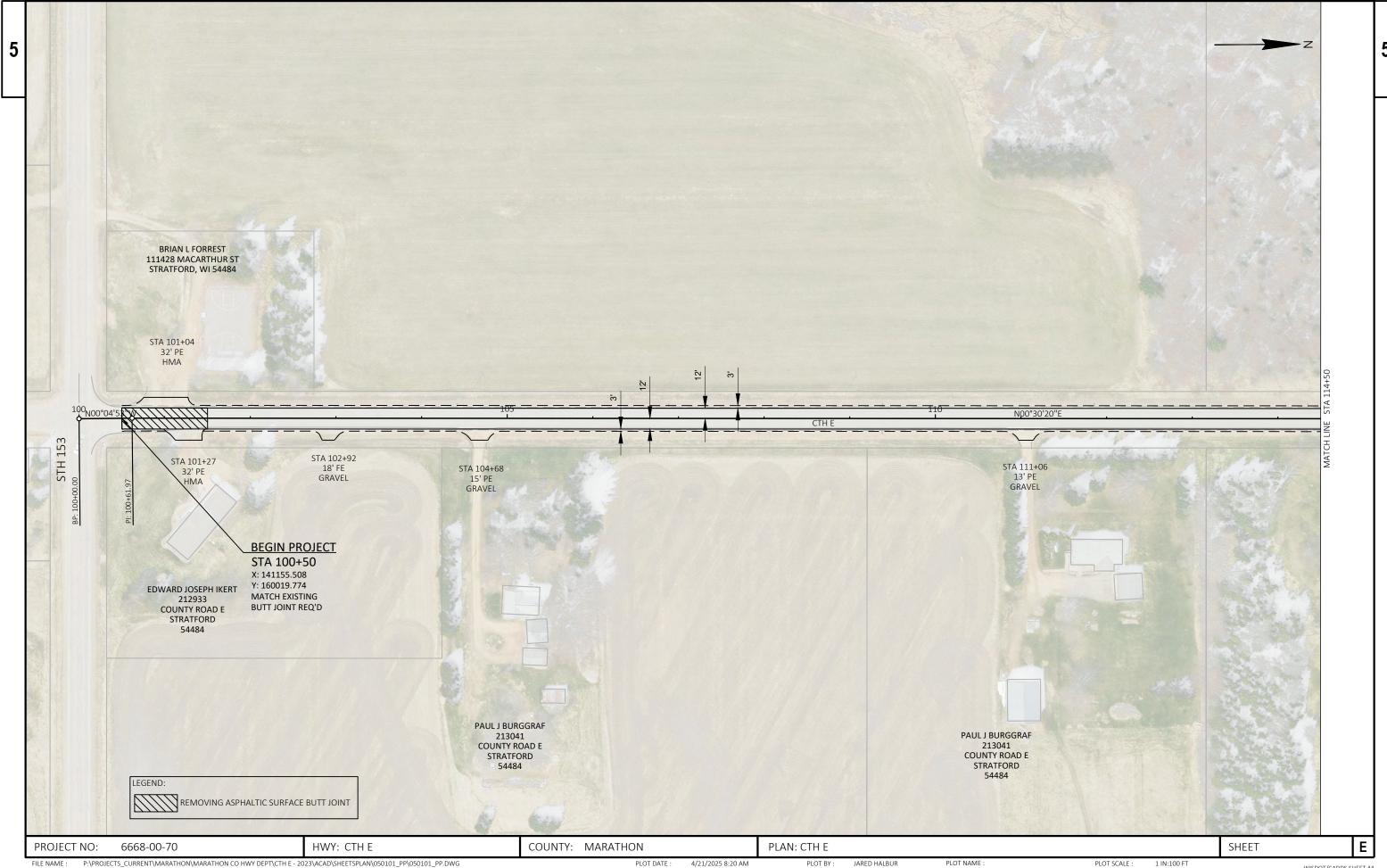
WISDOT/CADDS SHEET 42

					0000-00-70	
Line	Item	Item Description	Unit	Total	Qty	
0002	204.0110	Removing Asphaltic Surface	SY	500.000	500.000	
0004	204.0115	Removing Asphaltic Surface Butt Joints	SY	490.000	490.000	
0006	211.0700.S	Prepare Foundation for CIR Base Layer (project) 01. 6668-00-70	EACH	1.000	1.000	
8000	211.0800.S	Base Repair for CIR Layer	CY	500.000	500.000	
0010	213.0100	Finishing Roadway (project) 01. 6668-00-70	EACH	1.000	1.000	
0012	305.0110	Base Aggregate Dense 3/4-Inch	TON	1,300.000	1,300.000	
0014	305.0500	Shaping Shoulders	STA	314.000	314.000	
0016	327.1000.S	CIR Asphaltic Base Layer	SY	41,760.000	41,760.000	
0018	455.0605	Tack Coat	GAL	2,200.000	2,200.000	
0020		Asphalt Stabilizing Agent	TON	140.000	140.000	
0022	460.2000	Incentive Density HMA Pavement	DOL	3,270.000	3,270.000	
0024	460.5224	HMA Pavement 4 LT 58-28 S	TON	5,100.000	5,100.000	
0026	465.0120	Asphaltic Surface Driveways and Field Entrances	TON	50.000	50.000	
0028	618.0100	Maintenance and Repair of Haul Roads (project) 01. 6668-00-70	EACH	1.000	1.000	
0030	619.1000	Mobilization	EACH	1.000	1.000	
0032	621.0100	Landmark Reference Monuments	EACH	12.000	12.000	
0034	624.0100	Water	MGAL	35.000	35.000	
0036	629.0210	Fertilizer Type B	CWT	2.500	2.500	
0038	630.0120	Seeding Mixture No. 20	LB	100.000	100.000	
0040	630.0500	Seed Water	MGAL	80.000	80.000	
0042	642.5001	Field Office Type B	EACH	1.000	1.000	
0044	643.0900	Traffic Control Signs	DAY	2,000.000	2,000.000	
0046	643.3165	Temporary Marking Line Paint 6-Inch	LF	3,920.000	3,920.000	
0048	643.5000	Traffic Control	EACH	1.000	1.000	
0050	646.2020	Marking Line Epoxy 6-Inch	LF	31,300.000	31,300.000	
0052	646.4720	Marking Line Same Day Epoxy 6-Inch	LF	6,500.000	6,500.000	
0054	648.0100	Locating No-Passing Zones	MI	2.970	2.970	
0056	650.8000	Construction Staking Resurfacing Reference	LF	15,660.000	15,660.000	
0058	650.9911	Construction Staking Supplemental Control (project) 01. 6668-00-70	EACH	1.000	1.000	
0060	690.0150	Sawing Asphalt	LF	200.000	200.000	
0062	740.0440	Incentive IRI Ride	DOL	11,846.000	11,846.000	
0064	ASP.1T0A	On-the-Job Training Apprentice at \$5.00/HR	HRS	300.000	300.000	
0066	ASP.1T0G	On-the-Job Training Graduate at \$5.00/HR	HRS	600.000	600.000	
0068	SPV.0060	Special 01. Reestablish Section Corner Monument	EACH	3.000	3.000	

REMOVING ASPHALTIC SURFACE  STATION - STATION LOCATION SY  CATEGORY CODE 0010	204.0115 REM OVING ASPHALTIC SURFACE BUTT JOINTS SY COMMENTS	STATION - STATION LOCATION	211.0700.S 211.0800. PREPARE FOUNDATION BASE REPA FOR CIR FOR CIR BASE LAYER LAYER EA CY	AIR CIR ASPHALTIC R BASE LAYER	455.0770.S ASPHALT STABALIZING AGENT TON
100+50 - 257+10 LT/RT 500 100+50 CL/LT/RT 257+10 CL/LT/RT	EQUITY ST/DRIVEWAYS 245 BEGIN PROJECT 245 END PROJECT	CATEGORY CODE 0010  100+50 - 257+10 PROJECT	1 500	41,760	140
TOTAL 500	490	TOTALS	1 500	41,760	140
BASE AGGREGATE DENSE ITEMS	ASPHALTIC ITEMS		EROSION CONTROL AN	D RESTORATION 17	TEMS
305.0110  BASE AGGREGATE  DENSE  3/4-INCH  STATION - STATION LOCATION TON  CATEGORY CODE 0010	455.0605 460.6224 TACK HMA PAVEMEN COAT 4 LT 58-28 S STATION - STATION LOCATION GAL TON CATEGORY CODE 0010	FIELD ENTRANCES ST	624.0100	0 629.0205 630 R FERTILIZER SEEDING TYPE B NO	0.0120 630.0500
100+50 - 257+10 LT/RT 1,300	100+50 - 257+10 PROJECT 2,200 5,100	50	UNDISTRIBUTED PROJECT 35	2.5 1	100 80
TOTALS 1,300	TOTALS 2,200 5,100	50	TOTALS 35	2.5 1	100 80
643.0900 643.5000 SIGNS TRAFFIC CONTROL LOCATION OFFSET DAY EACH CATEGORY CODE 0010	MARKING LINE MARK PAINT 6-INCH EPOX	646.4720 6.2020 MARKING LINE 648.0100 KING LINE SAME DAY LOCATING NO Y 6-INCH EPOXY 6-INCH PASSING ZONE	D-	650.8000 RESURFACING REFERENCE ATION LF	650.9911 G SUPPLEMENTAL
100+50 - 257+10 CL/LT/RT 2,000 1	100+50 - 257+10 CL 3,920	6.500 2.07	400 50 057 40 556		
	100+50 - 257+10 LT/RT 3 <sup>-</sup>	6,500 2.97 1,300	100+50 - 257+10 PRO	DJECT 15,660	1
2,000 1				TOTALS 15,660	1
2,000 1  SAWING ITEMS					1
	TOTALS 3,920 3 <sup>2</sup>	1,300	STATION - STATION CATEGORY CODE 0010	PING SHOULDERS  SHAPING LOCATION	805.0500 IG SHOULDERS STA
SAWING ITEMS  690.0150 SAWING ASPHALT LOCATION OFFSET LF	TOTALS 3,920 34  MONUMENT ITEMS  621.0100 LANDMARK REFERENCE MONUI STATION - STATION LOCATION EACH	1,300  1,300 6,500 2.97  SPV.0060.01  REESTABLISH SECTION MENT CORNERN MONUMENT	SHAP  STATION - STATION	PING SHOULDERS  SHAPING LOCATION  LT/RT	805.0500 G SHOULDERS STA 314
SAWING ITEMS  690.0150 SAWING ASPHALT LOCATION OFFSET LF CATEGORY CODE 0010	TOTALS 3,920 34  MONUMENT ITEMS  621.0100 LANDMARK REFERENCE MONUI STATION - STATION LOCATION EACH CATEGORY CODE 0010	1,300  1,300 6,500 2.97  SPV.0060.01  REESTABLISH SECTION  CORNERN MONUMENT  EACH	STATION - STATION CATEGORY CODE 0010	PING SHOULDERS  SHAPING LOCATION  LT/RT	805.0500 IG SHOULDERS STA

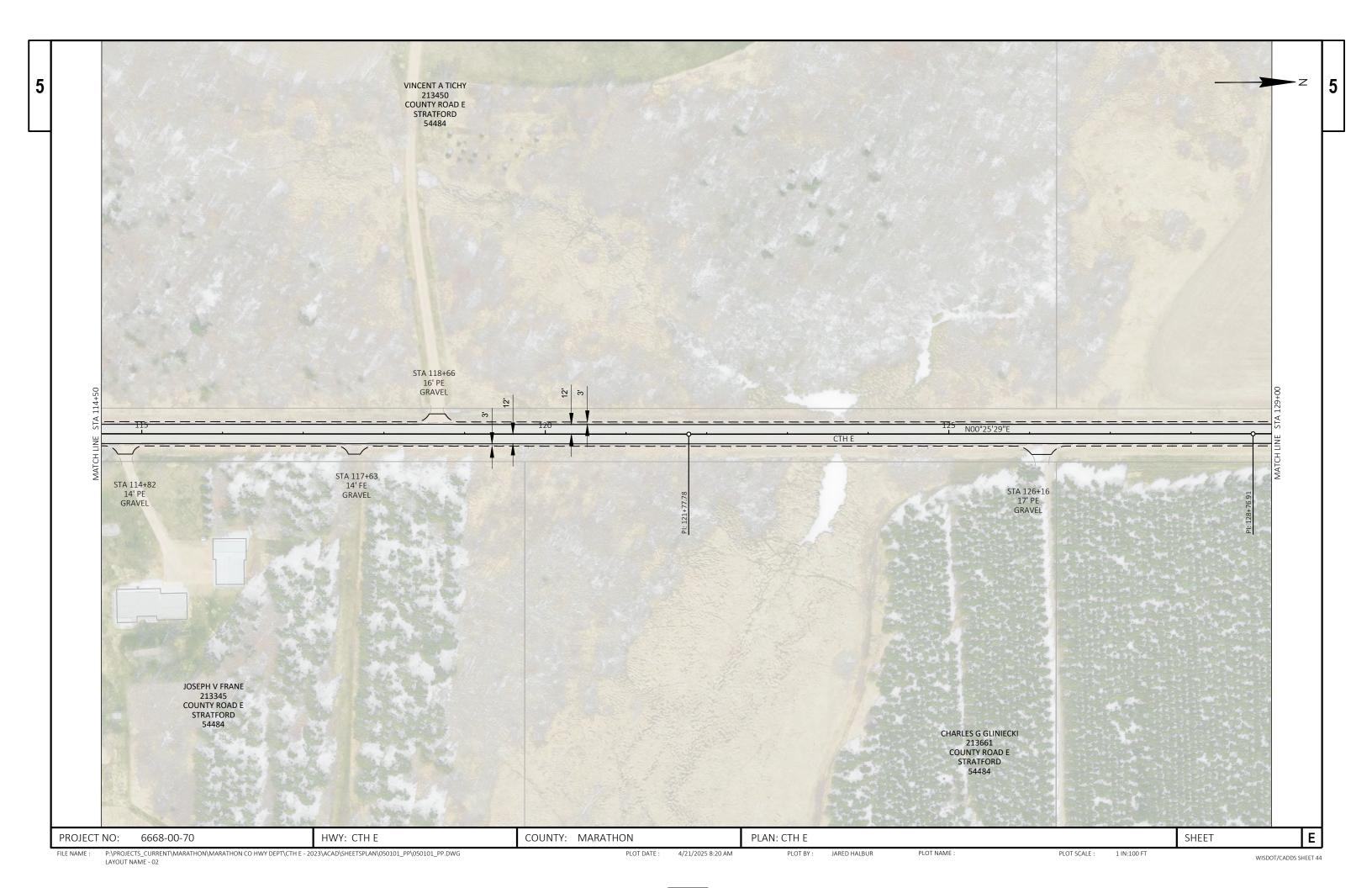
**CIR ITEMS** 

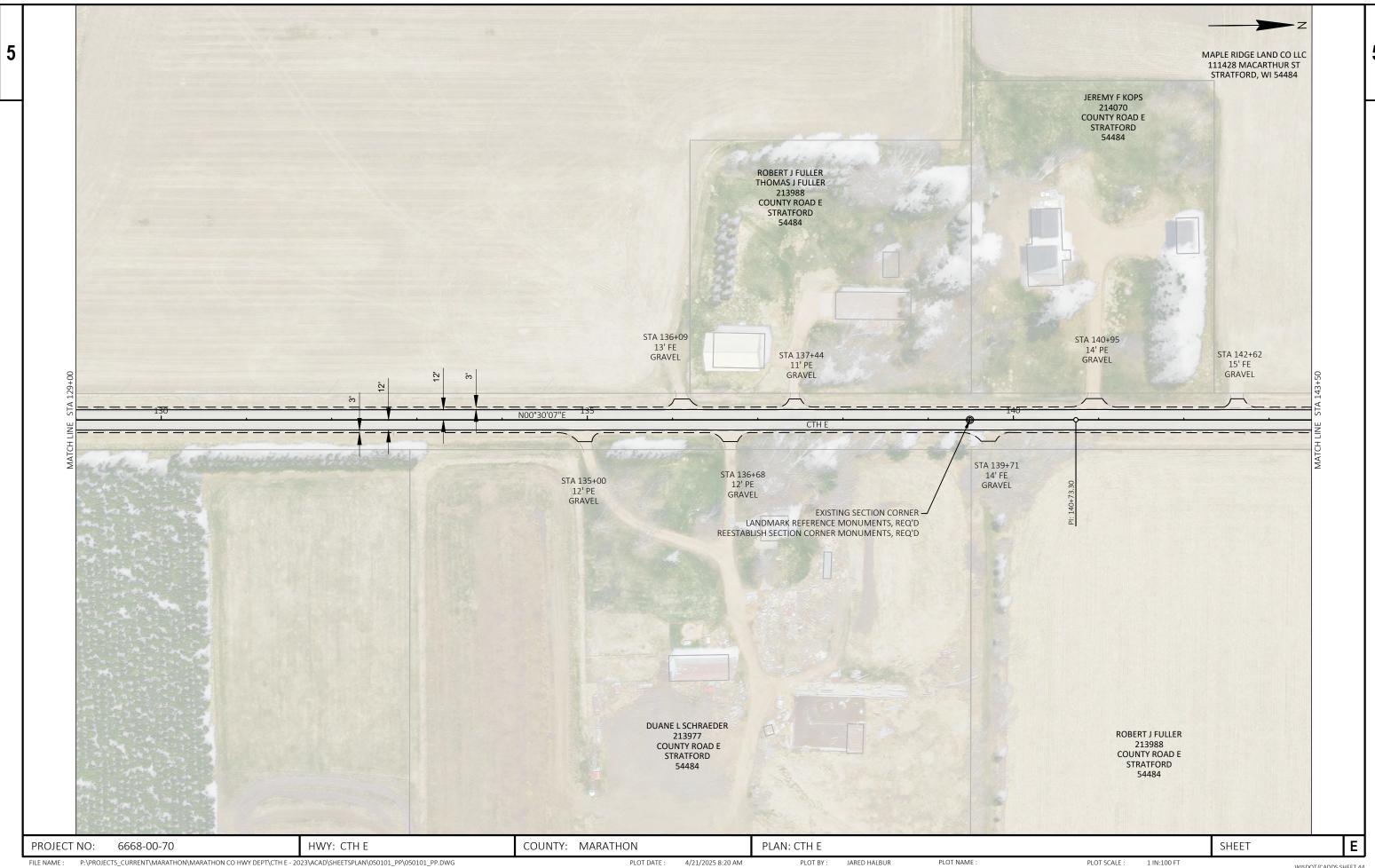
REMOVING ASPHALTIC SURFACE



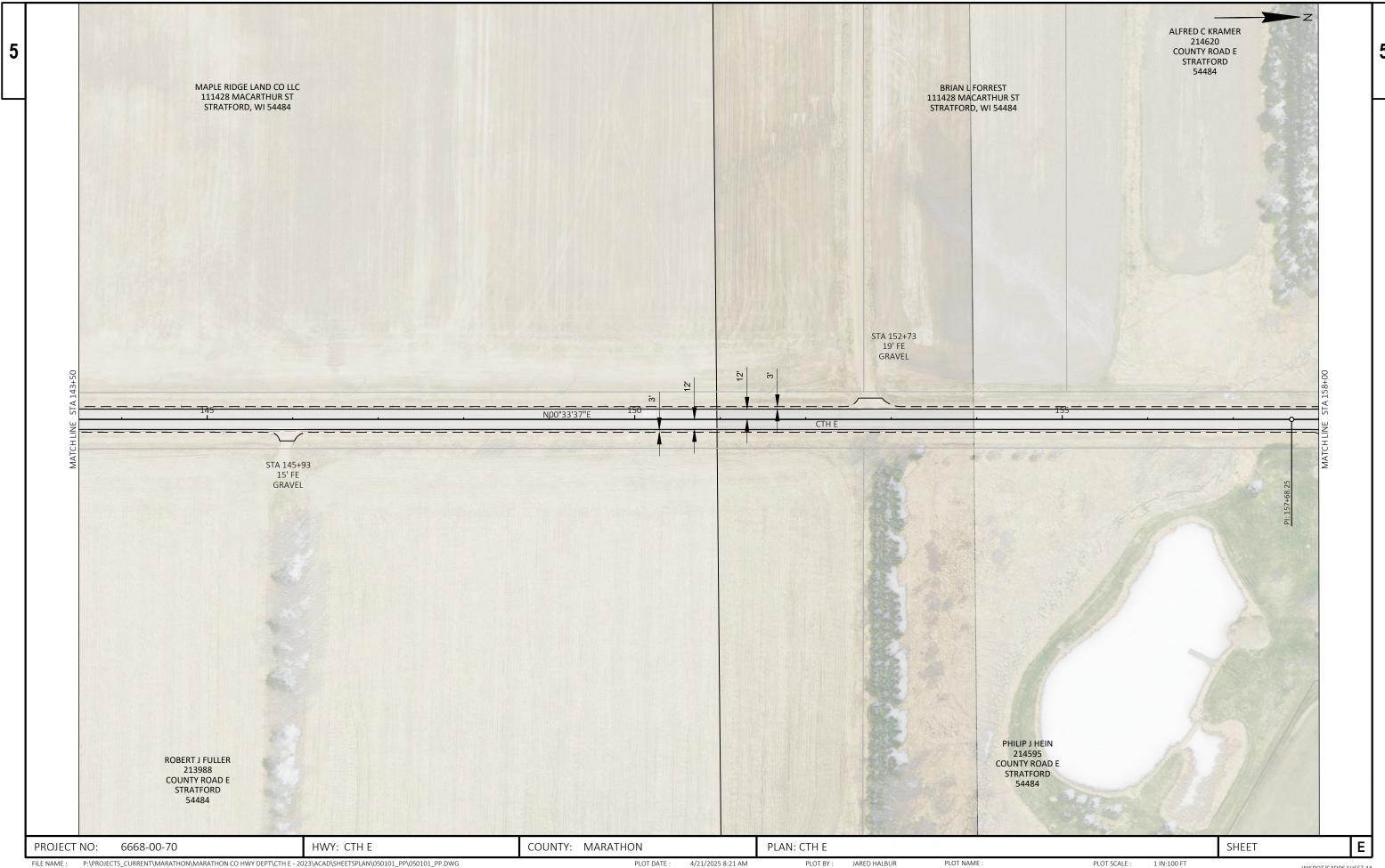
IE: P:\PROJECTS\_CURRENT\MARATHON\MARATHON CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\050101\_PP\050101\_PP.DWG PLOT DATE: 4/21/2025 8:2
LAYOUT NAME - 01

WISDOT/CADDS SHEET 44



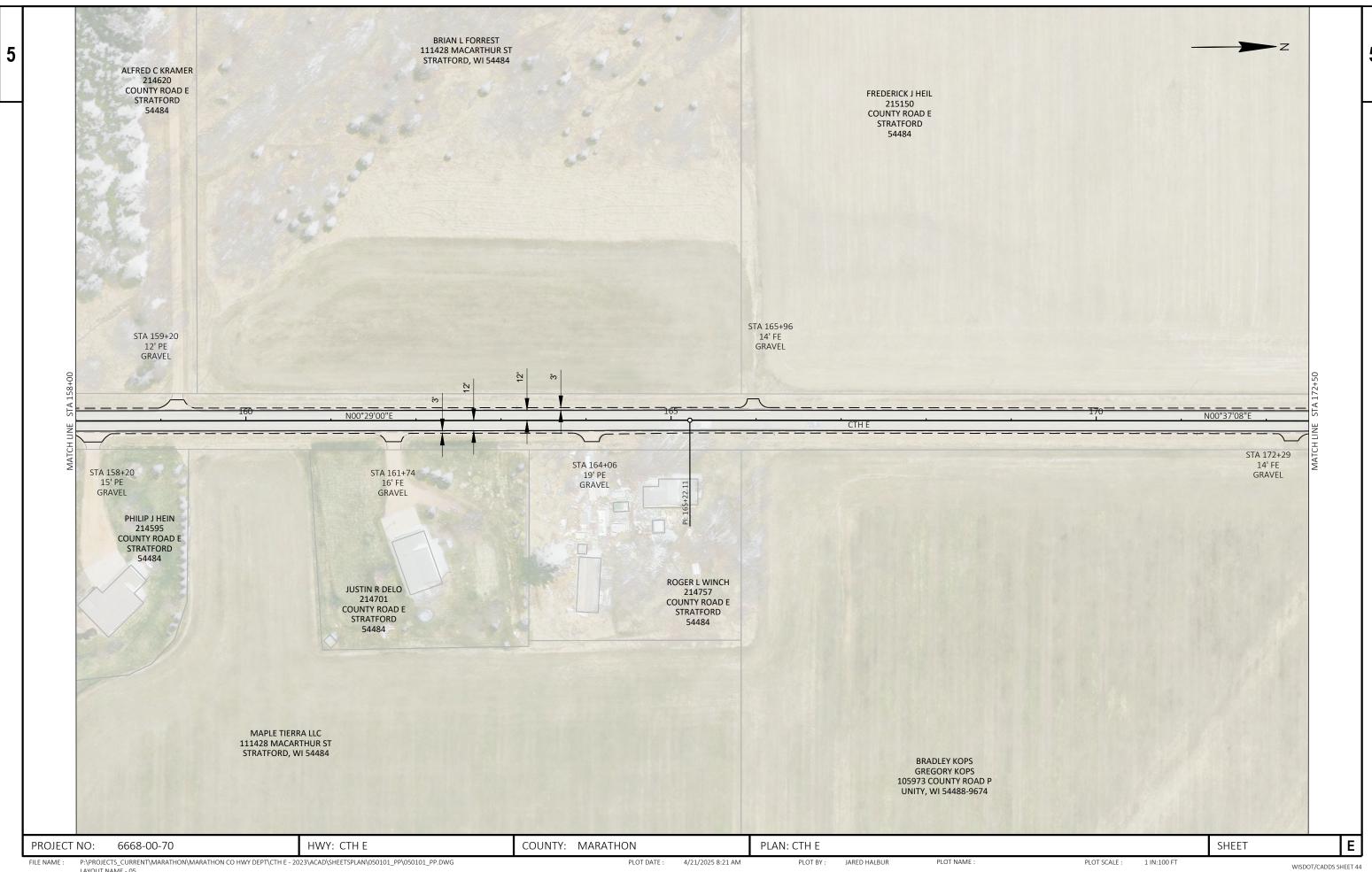


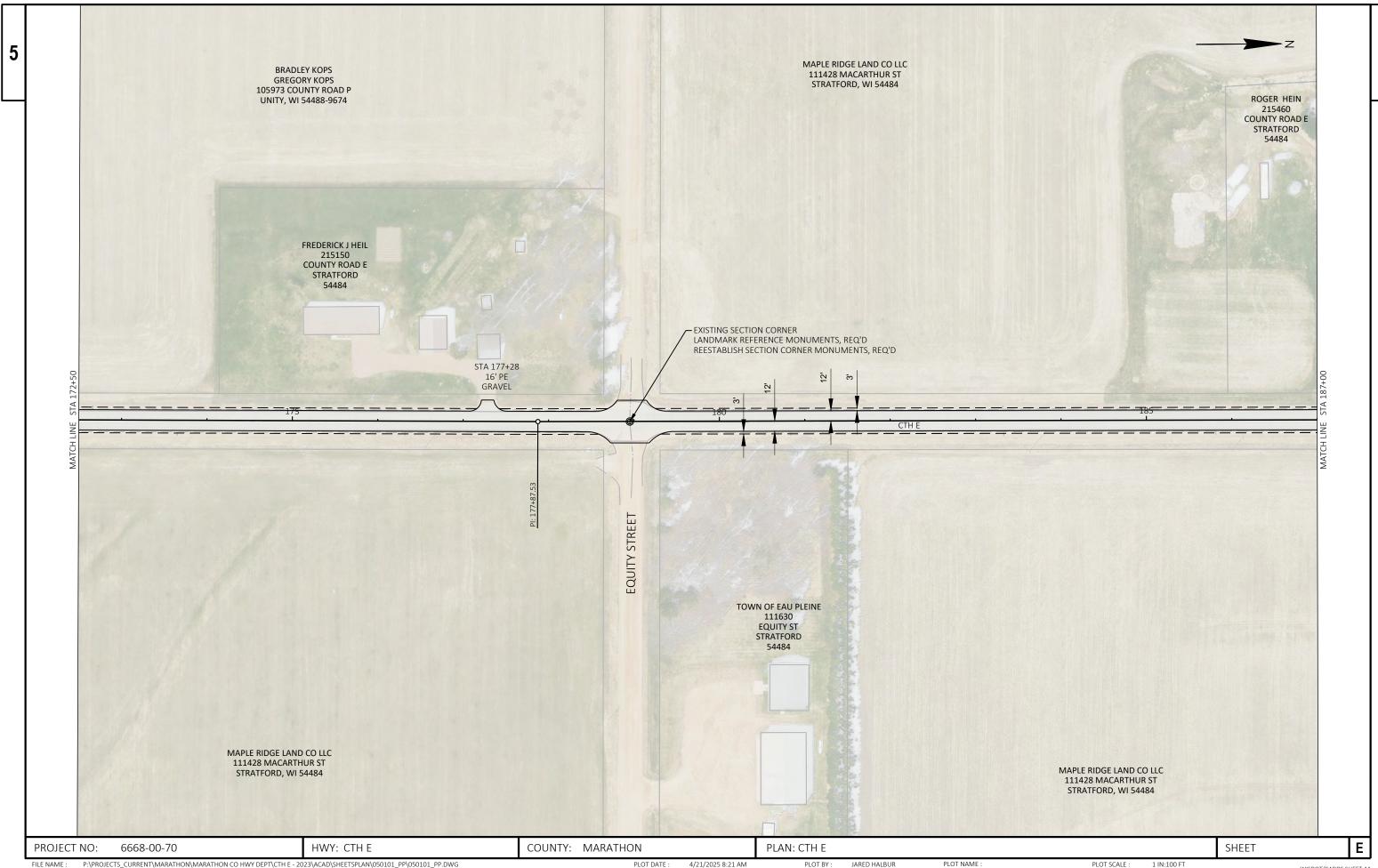
WISDOT/CADDS SHEET 44

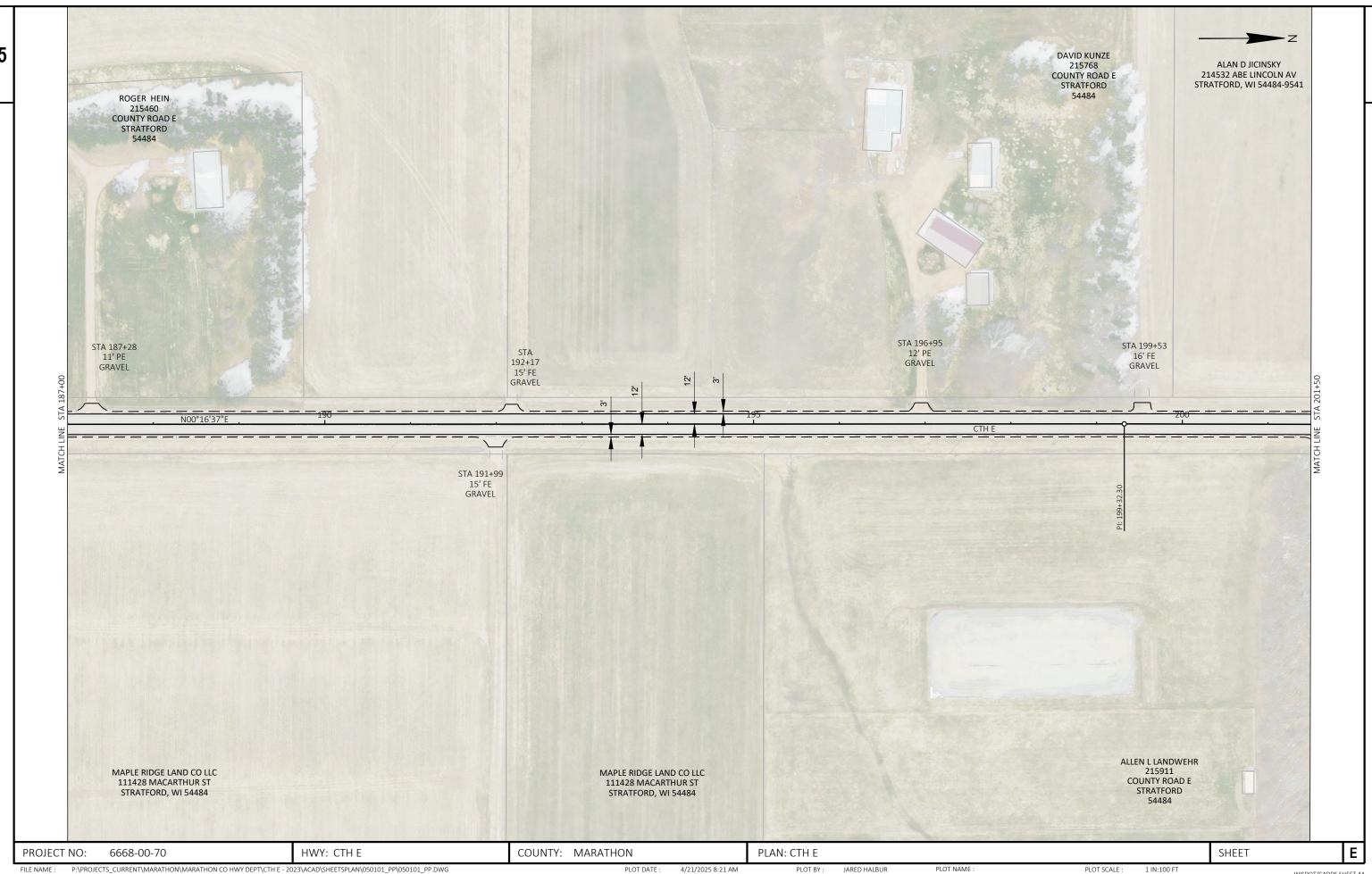


P:\PROJECTS\_CURRENT\MARATHON\MARATHON CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\050101\_PP\050101\_PP.DWG

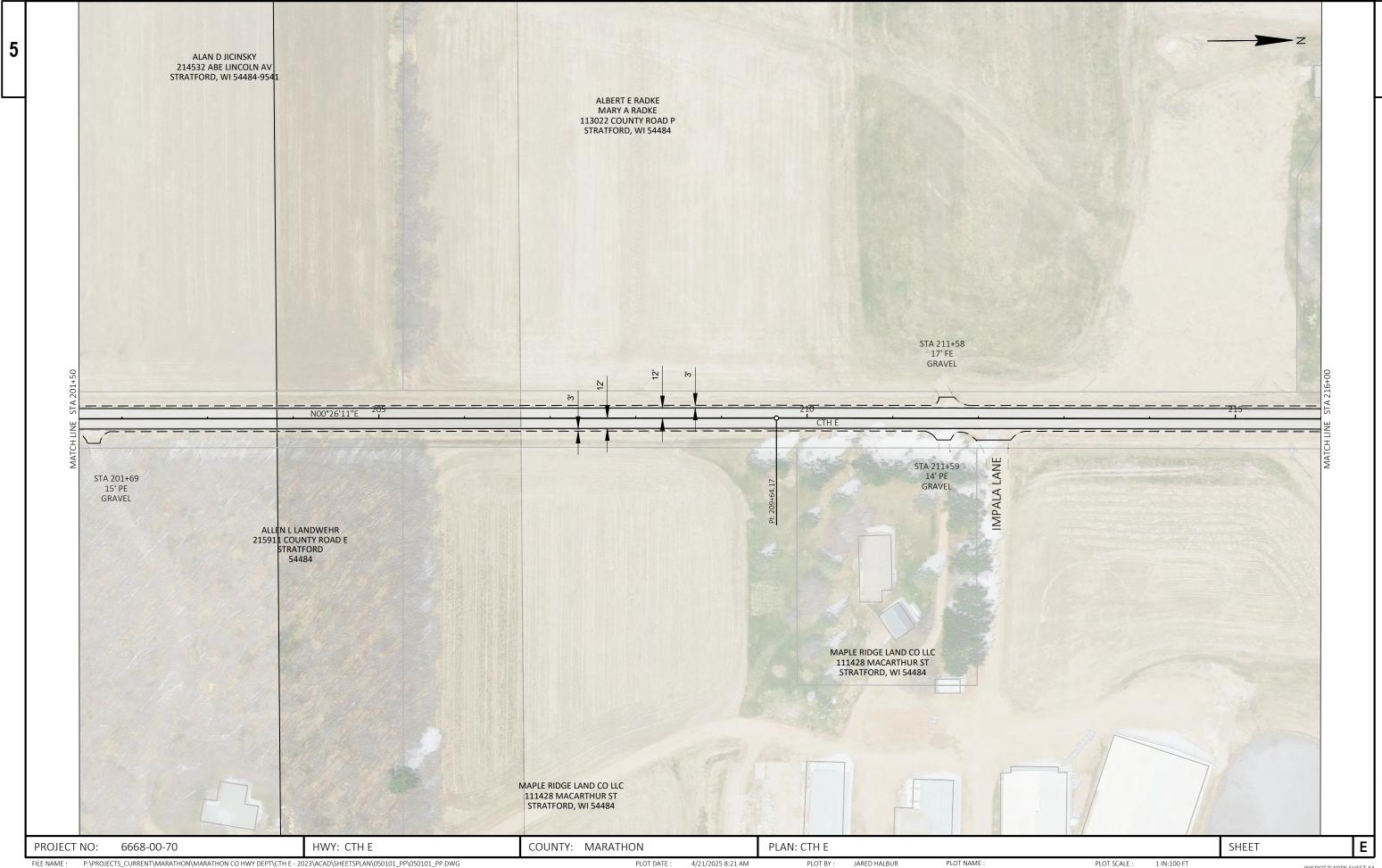
PLOT DATE : 4/21/
LAYOUT NAME - 04



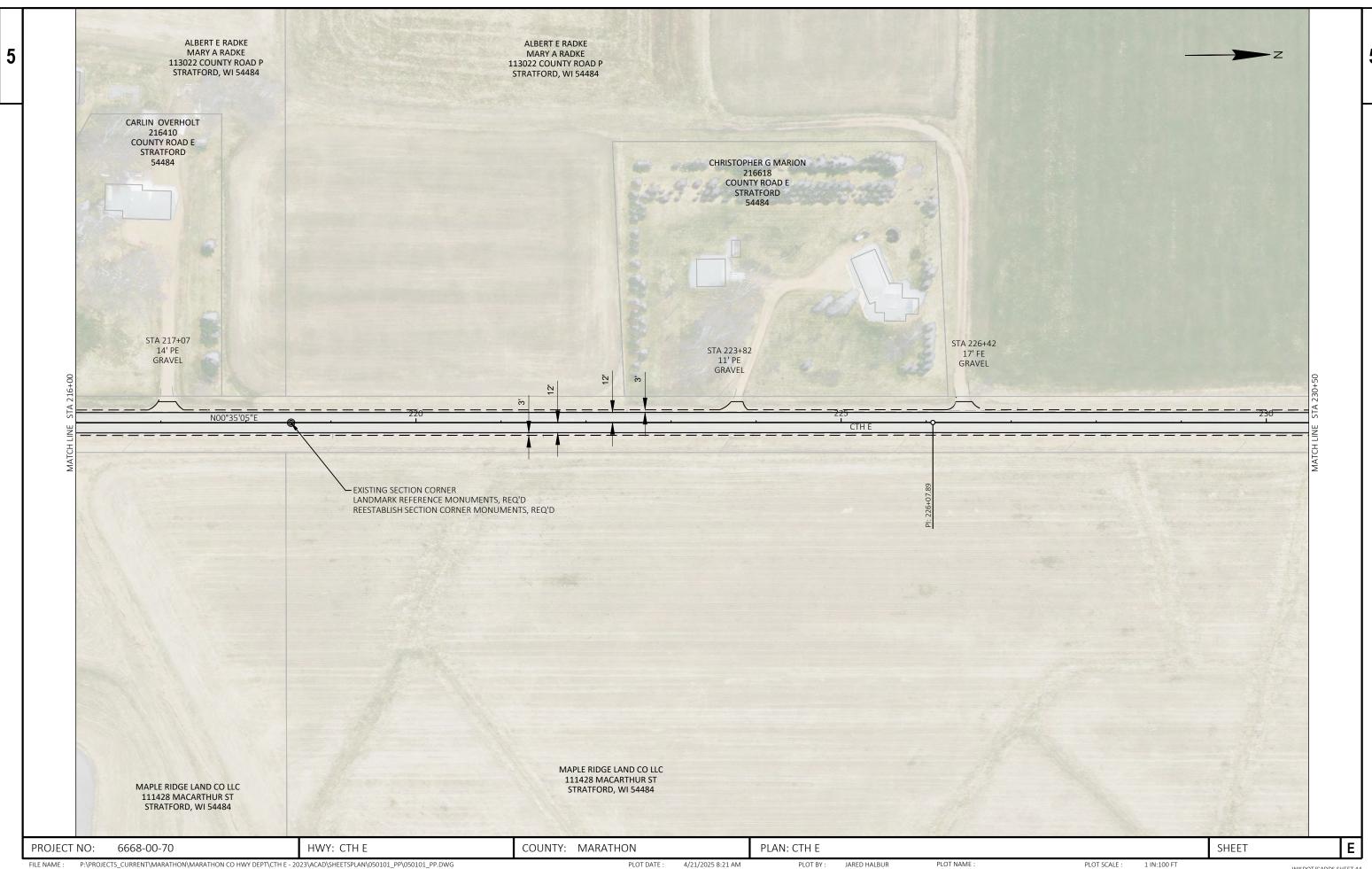


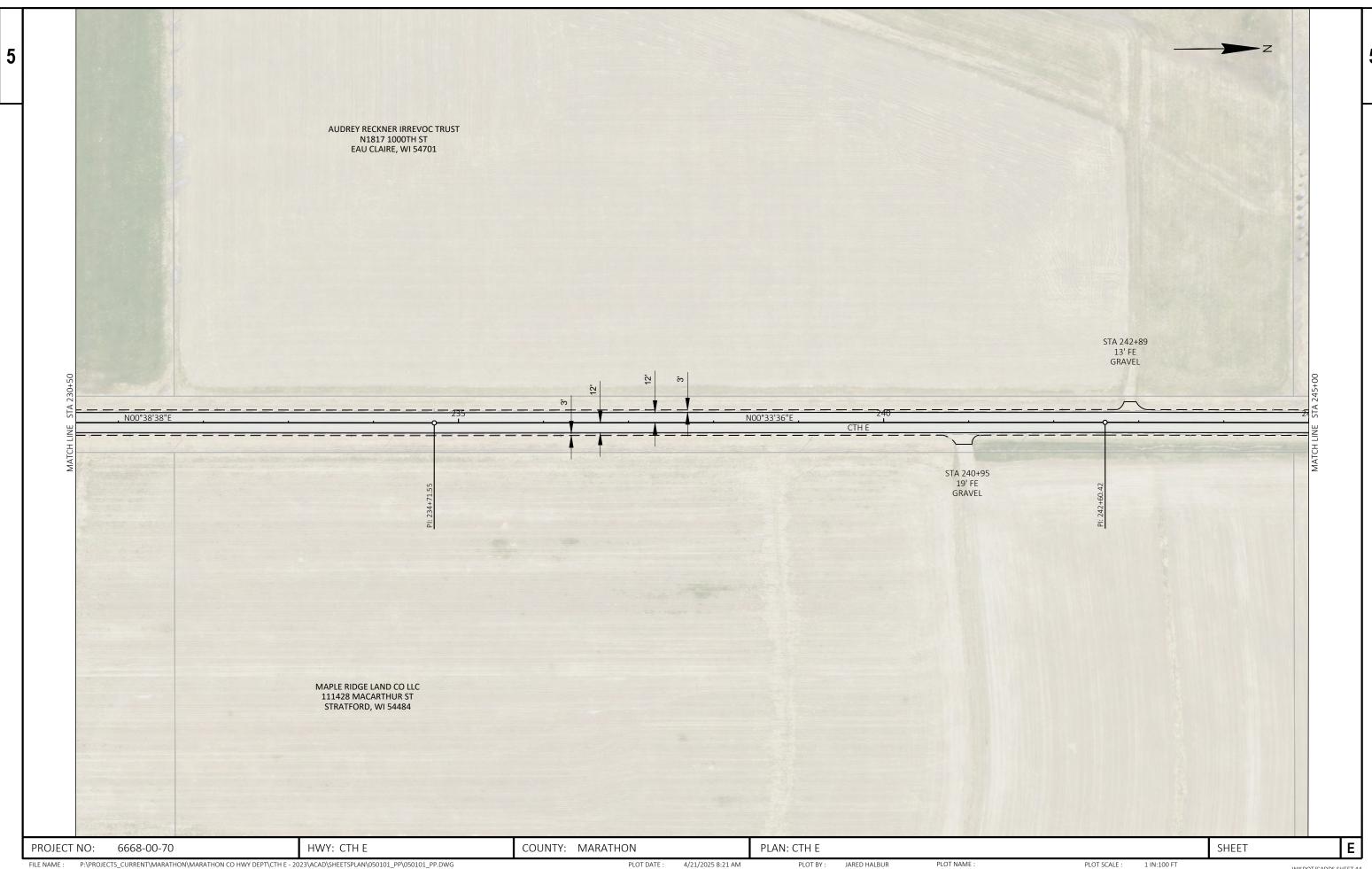


P:\PROJECTS\_CURRENT\MARATHON\MARATHON CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\050101\_PP\050101\_PP.DWG LAYOUT NAME - 07



AME: P:\PROJECTS\_CURRENT\MARATHON\MARATHON\CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\050101\_PP\050101\_PP.DWG
LAYOUT NAME - 08

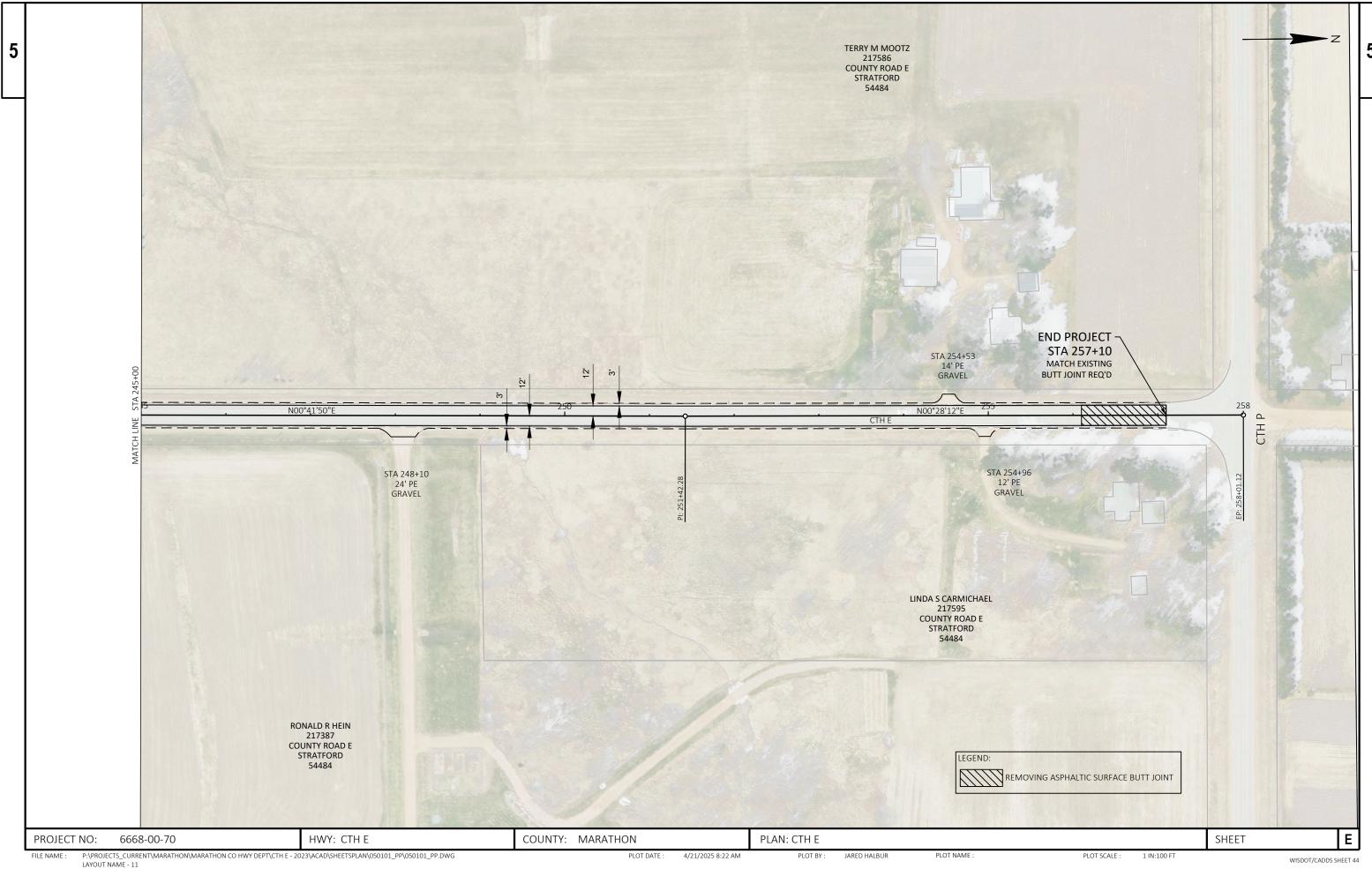




P:\PROJECTS\_CURRENT\MARATHON\MARATHON CO HWY DEPT\CTH E - 2023\ACAD\SHEETSPLAN\050101\_PP\050101\_PP.DWG LAYOUT NAME - 10

PLOT BY: JARED HALBUR

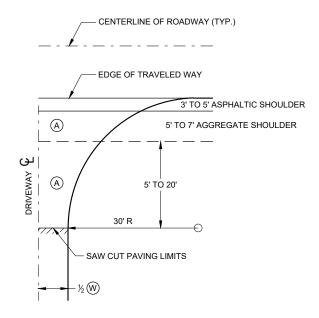
WISDOT/CADDS SHEET 44



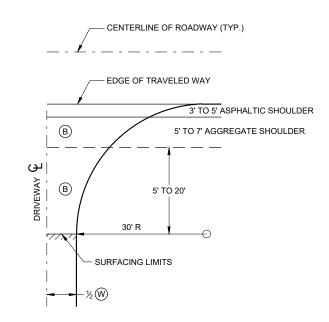
WISDOT/CADDS SHEET 44

#### Standard Detail Drawing List

08D22-01	DRIVEWAYS WITHOUT CURB & GUTTER RESURFACING PROJECTS RURAL
13C19-03	HMA LONGITUDINAL JOINTS
15C08-23A	PERMANENT LONGITUDINAL PAVEMENT MARKINGS
15C08-23B	TEMPORARY LONGITUDINAL PAVEMENT MARKING
15C11-10B	CHANNELIZING DEVICES DRUMS, CONES, BARRICADES AND VERTICAL PANELS
15C12-09A	TRAFFIC CONTROL FOR LANE CLOSURE WITH FLAGGING OPERATION
15C19-09A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
16A01-07	LANDMARK REFERENCE MONUMENTS AND COVERS

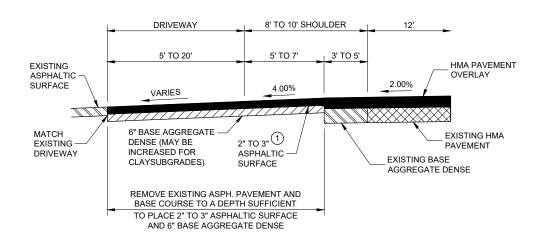


- (A) : PAID FOR AS ASPHALTIC SURFACE DRIVEWAYS AND FIELD ENTRANCES. (TON)
- ig(Big) : PAID FOR AS BASE AGGREGATE DENSE 1  $1\!\!\!/ _4$ " (TON)
- W): DRIVEWAY WIDTH 16' MIN. 24' MAX.

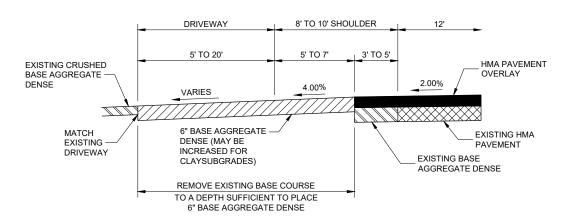


#### **PLAN VIEW HALF SECTION**





**PROFILE VIEW RURAL ENTRANCE WITH ASPHALTIC SURFACE RESURFACING PROJECTS** 



**PROFILE VIEW RURAL ENTRANCE WITH AGGREGATE SURFACE 6" BASE AGGREGATE DENSE RESURFACING PROJECTS** 

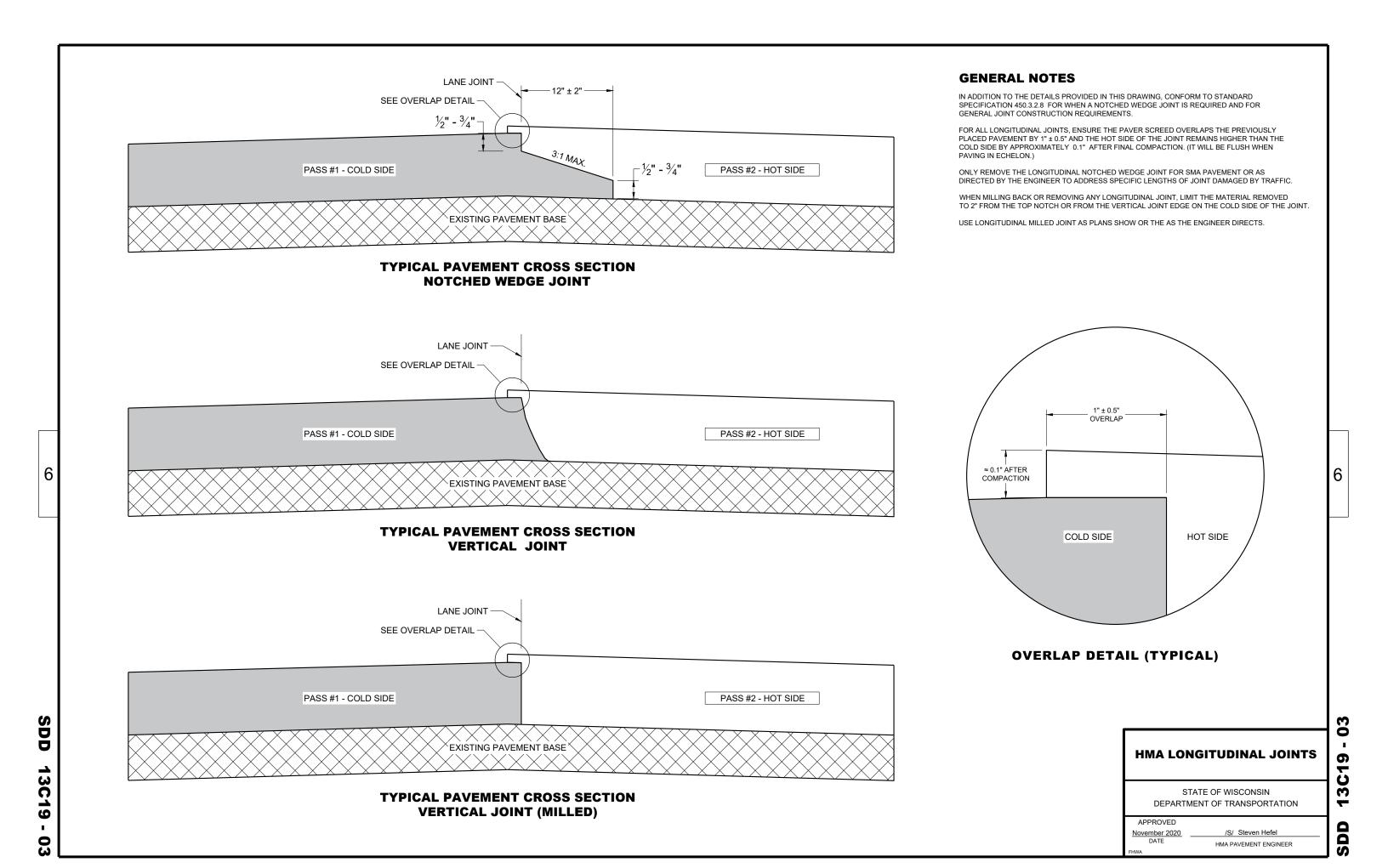
#### **DRIVEWAYS WITHOUT CURB** AND GUTTER RESURFACING **PROJECTS RURAL**

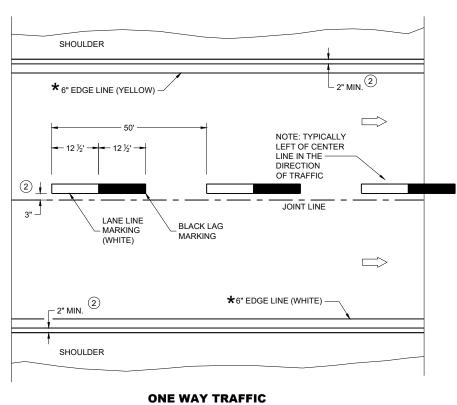
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 08

SD

APPROVED

/S/ Rodney Taylor
ROADWAY STANDARDS DEVELOPMENT
ENGINEER December 2016 DATE





ONE WAT

#### PERMANENT PAVEMENT MARKING

#### **GENERAL NOTES**

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

- 1) LOCATE THE NO PASSING ZONE W14-3 SIGN WITHIN 50 FEET OF THE "T" MARKING
- (2) MEASURE FROM EDGE OF MARKING TO JOINT LINE. THIS DOES NOT INCLUDE SPACE NEEDED FOR GROOVING OPERATIONS.

#### **LEGEND**

"T" MARKING

SIGN ON PERMANENT SUPPORT

DIRECTION OF TRAFFIC

PERMANENT LONGITUDINAL

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

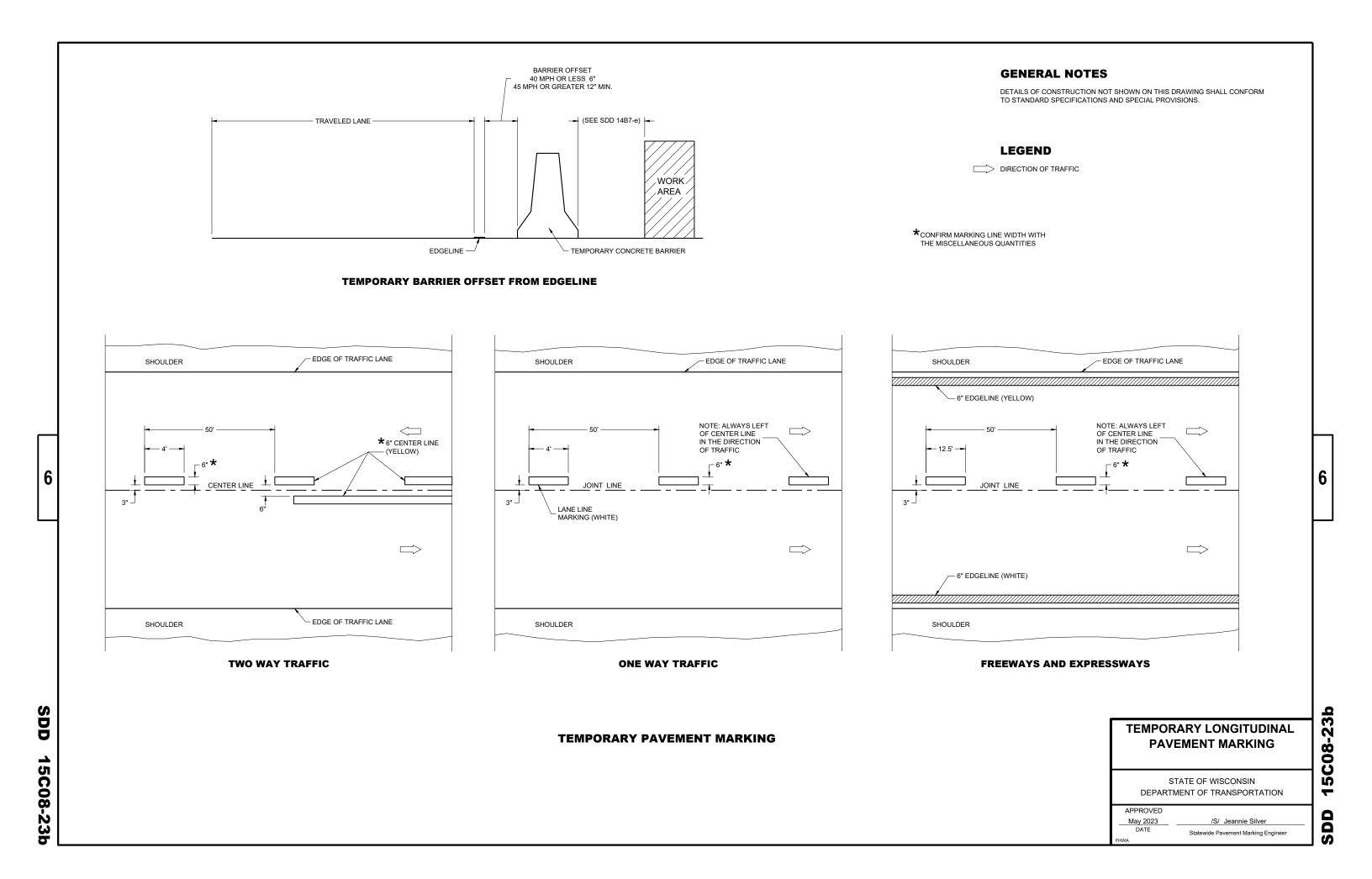
**PAVEMENT MARKINGS** 

APPROVED May 2023 DATE

/S/ Jeannie Silver
Statewide Pavement Marking Engineer

SDD 15C08-23a

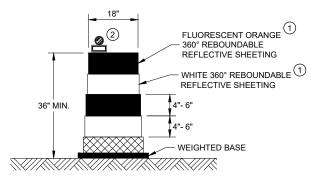
SDD 15C08-23a



# **SDD 15C11**

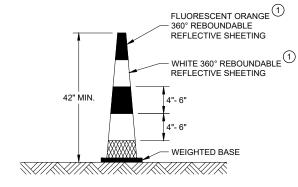
#### **GENERAL NOTES**

- (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.



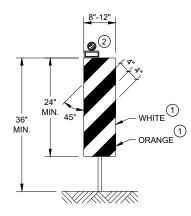
#### DRUM

BALLAST WIDTHS RANGE FROM 24"-36"



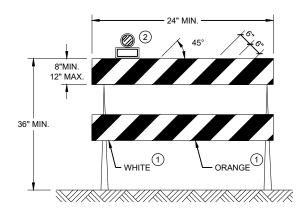
#### **42" CONE**

DO NOT USE IN TAPERS ½ SPACING OF DRUMS BALLAST WIDTHS RANGE FROM 14"-20"



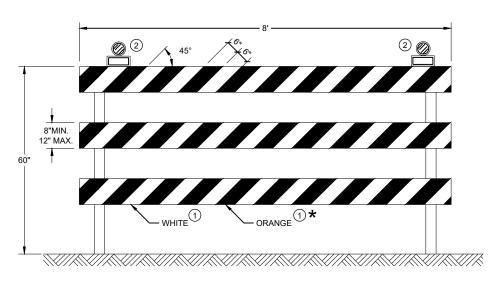
#### **VERTICAL PANEL**

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 50

APPROVED	
November 2022	/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 PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT REMOVE TEMPORARY SIGN ON PORTABLE OR PERMANENT SUPPORT UNIFORM TRAFFIC CONTROL DEVICES. PORTABLE RUMBLE STRIPS PRIOR TO COVERING OR REMOVING ALL ADVANCE SIGNING. ① FOR MOVING WORK OPERATIONS, POST ADDITIONAL W20-7A FLAGGER SIGNS AT APPROXIMATELY 3,500' INTERVALS IN THE MOVING ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED. 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. (2) 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 FLAGGER, EQUIPPED WITH STOP/SLOW ③ EACH TEMPORARY PORTABLE RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS PLACED TRANSVERSE ACROSS THE LANE AT PADDLE FASTENED ON SUPPORT STAFF THE LOCATIONS SHOWN. WITHIN EACH ARRAY, SPACING BETWEEN RUMBLE STRIPS SHALL BE 15 FEET ON CENTER ONLY USE TEMPORARY PORTABLE RUMBLE STRIPS FROM 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". 35-40 MPH 350' 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**

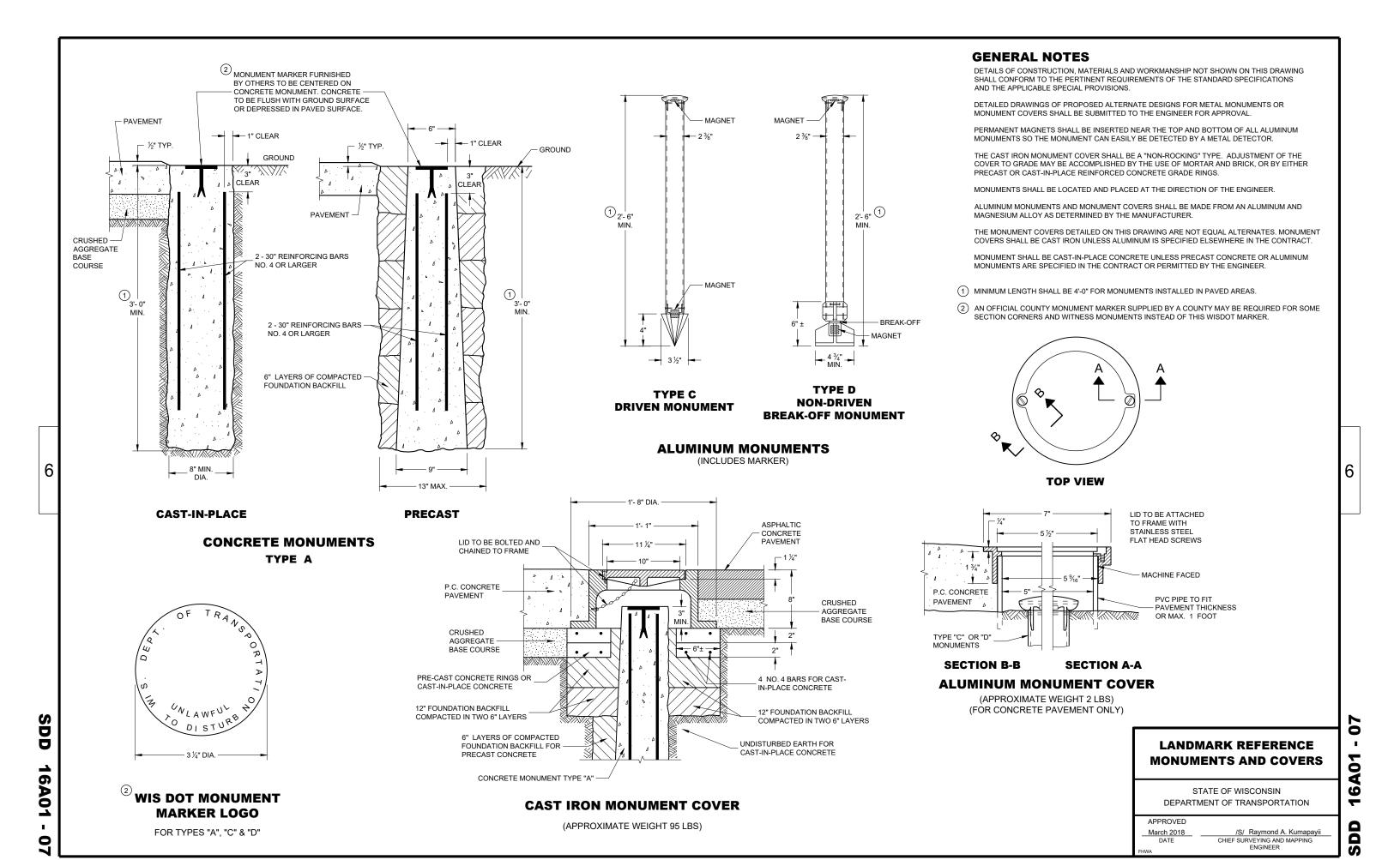
0

2

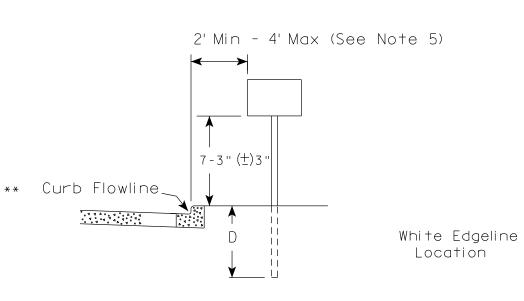
Ŋ

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

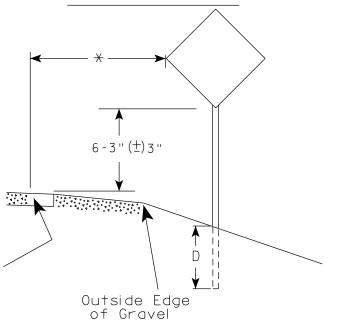
APPROVED	
May 2022	/S/ Andrew Heidtke
DATE	WORK ZONE ENGINEER
FHWA	







RURAL AREA (See Note 2)



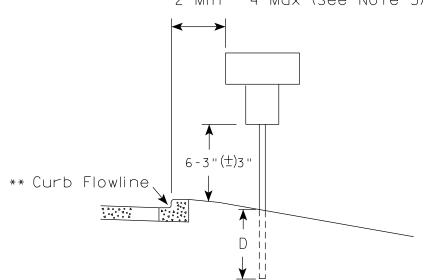
#### GENERAL NOTES

- 1. Signs wider than 4 feet or 20 sq.ft or larger, shall be mounted on multiple posts. Refer to plate A4-4.
- 2. If signs are mounted on or behind barrier wall, see A4-10 sign plate.

The Double Arrow sign (W12-1D) shall be mounted at a height of 2'-3" ( $\pm$ ) 3". The Chevron sign (W1-8), Roundabout Chevron panel (R6-4B), Enhanced Reference Markers, Clearance Markers (W5-52), Mile Markers (D10 series), In Road Object Markers (W5-54) & End of Road Markers (W5-56) shall be mounted at a height of 4'-3" ( $\pm$ ) 3".

- 3. For expressways and freeways, mounting height is 7'- 3"  $(\pm)$  3" or 6'-3"  $(\pm)$  3" depending upon existence of a sub-sign.
- 4. Minimum mounting height for signs mounted on traffic signal poles is 5' 3'' ( $\frac{+}{-}$ ) 3''.
- 5. Offset distance shall be consistent with existing signs or consistent throughout length of project.
- 6. Folding signs shall be mounted at a height of 5'-3'' ( $\pm$ ) 3'' or as directd by the Engineer.

2' Min - 4' Max (See Note 5)



White Edgeline
Location

Outside Edge
of Gravel

POST EMBEDMENT DEPTH

Area of Sign	
Installation	D
( 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.

\* 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.

PLOT BY : mscj9h

TYPICAL INSTALLATION
OF PERMANENT TYPE II
SIGNS ON SINGLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matthew R Rawh

For State Traffic Engineer

DATE 12/6/23 PLATE NO. \_A4-3.23

Ε

PROJECT NO: HWY: COUNTY: SHEET NO:



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

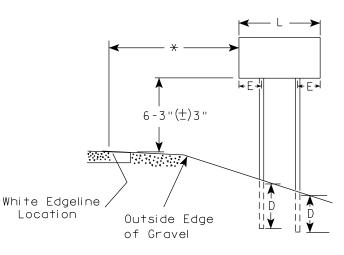
PLOT NAME :

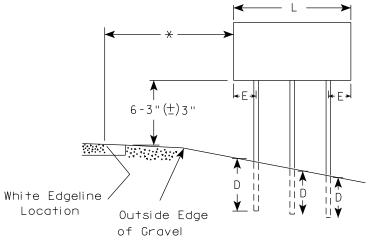
PLOT BY: mscsja

PLOT SCALE: 13.659812:1.000000

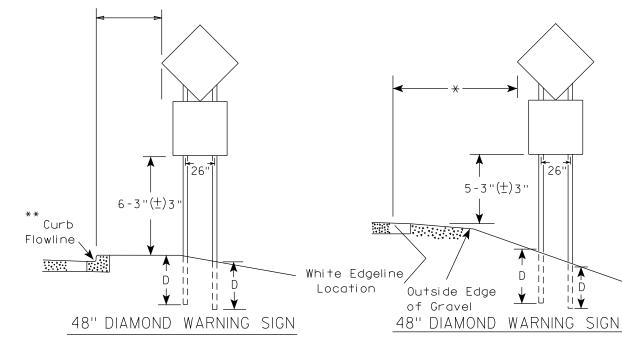
APPROVED

WISDOT/CADDS SHEET 42





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



	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	DIAMOND
(THREE POSTS REQUIR	RED)
L	Е
Greater than 108" to 144"	12''

#### 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" (±) 3" or 6'-3" (±) 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'' ( $\pm$ ) 3'' or as directed by the engineer.
- 8. The Double Arrow sign (W12-1) shall be mounted at a height of 2'-3" (±) 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" (±) 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.
- $\times \times \times$  See A4-3 sign plate for signs 4' or less in width and less than 20 S.F. in area.

#### POST EMBEDMENT DEPTH

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

TYPICAL INSTALLATION OF TYPE II SIGNS ON MULTIPLE POSTS

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

Matther R Rauch
For State Traffic Engineer

DATE 12/6/23

PLATE NO. <u>A4-4.16</u>

Ε

CUEET NO.

SHEET NO:

FILE NAME : C:\CAEfiles\Project\tr\_stdplate\A44.dgn

PROJECT NO:

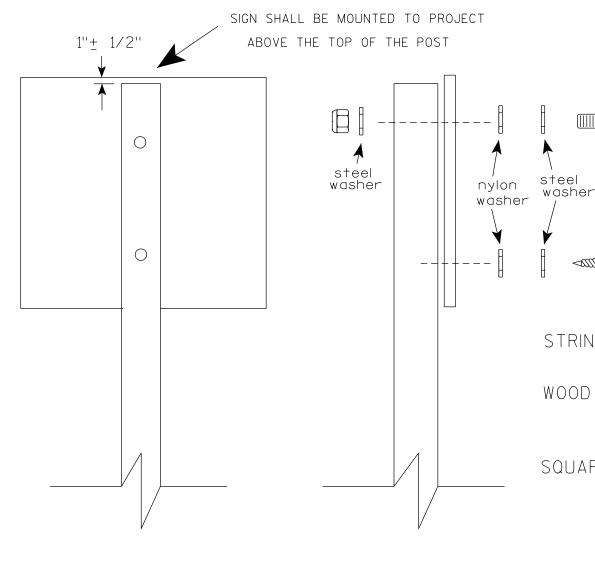
COUNTY:

PLOT DATE: 6-DEC 2023 11:31

PLOT NAME :

PLOT BY : mscj9h

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



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

- a. Hot dip galvanized in accordance with ASTM Designation: A 153. Class D. or SC 3
- b. Electro-galvanized in accordance with ASTM Designation: B 633, TYPE III, SC 3.

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

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

MACHINE BOLTS -  $\frac{5}{16}$ " 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 - 3/32 " (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

APPROVED

DATE 4/1/2020

PLATE NO. <u>A4-8.9</u>

FILE NAME : C:\CAEFiles\Projects\tr\_stdplate\A48.DGN

PROJECT NO:

PLOT DATE: 01-APRIL-2020

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

WISCONSIN DEPT OF TRANSPORTATION

Matther ≠or State Traffic Engineer

SHEET NO:



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. X<sup>3</sup>/<sub>8</sub>" I.D. X<sup>1</sup>/<sub>16</sub>" STEEL 1-1/4" O.D.  $\times \frac{3}{8}$ " I.D.  $\times$  .080 NYLON FOR ALL TYPE H SIGNS

CHANNEL

#### 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:

APPROVED

DATE 6/10/19

PLATE NO. A5-9.4

Ε

State Traffic Engineer

COUNTY:

PLOT NAME :

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

PROJECT NO:

31/2"

VIEW FROM TOP

#### 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  $1^{1}/_{4}$ " O.D. X  $3/_{8}$ " I.D. X  $1/_{16}$ "
- 8. NYLON WASHERS SHALL BE  $1^{1}/_{4}$ " O.D. X  $3/_{8}$ " I.D. X .080 FOR TYPE H OR TYPE F FACE SIGN

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

BLOCK BANDING DETAIL ( V-BLOCK OPTION )

WISCONSIN DEPT OF TRANSPORTATION

APPROVED //

DATE 4/19/2022 PLATE NO. \_A5-10.3

ATE 4/19/2022 PLATE NO. \_

SHEET NO:

SIGN

FILE NAME : C:\CAEfiles\Projects\tr\_stdplate\A510.dgn

PROJECT NO:

PLOT DATE: 19-APRIL 2022 11:55

PLOT BY : dotc4c

WISDOT/CADDS SHEET 42

Ε

#### NOTES

- 1. Sign is Type II Type F Reflective
- 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.

C		
		H F V
		H B F G
	A	

G20-2A

PROJECT NO:

SIZE	А	В	С	D	E	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	S	Т	U	٧	W	Х	Y	Z	Area sq. ft.
1	36	18	1 1/2	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
2	48	24	1 1/8	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 1/2													8.0
2M	48	24	1 1/8	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 1/2													8.0
3	48	24	1 1/8	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 1/2													8.0
4	48	24	1 1/8	1/2	5/8	6	4 1/2	3 3/4	5 1/8	6 3/4	16 3/4	2 1/2	1 3/4	18 1/2													8.0
5	48	24	1 1/8	1/2	5/8	6	4 1/2	3 3/4	5 %	6 3/4	16 ¾	2 1/2	1 3/4	18 1/2													8.0

STANDARD SIGN G20-2A

WISCONSIN DEPT OF TRANSPORTATION

APPROVED Matthew For State Traffic Engineer

DATE 1/26/2023 PLATE NO. G20-2A.10

SHEET NO:

HWY: COUNTY: FILE NAME: C:\CAEfiles\Projects\tr\_stdplate\G202A.dgn PLOT DATE: 26-JAN 2023 8:27 PLOT BY : dotc4c PLOT NAME :

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

#### NOTES

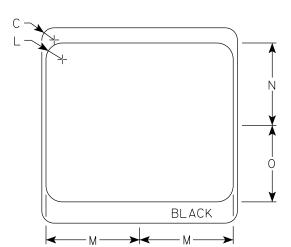
- 1. Sign is Type II Type H Reflective
- 2. Color:

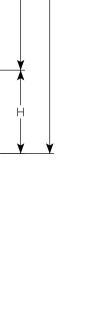
Background - White & Black Message - Black

- 3. Message Series see Note 4
- 4. Message Series E for 1 letter.

  Message Series D for 2 letters unless
  message is too big then Series C.

  Message Series C for 3 letters unless
  message is too big then Series B.
- 5. Substitute appropriate letters & optically center to achieve proper balance.

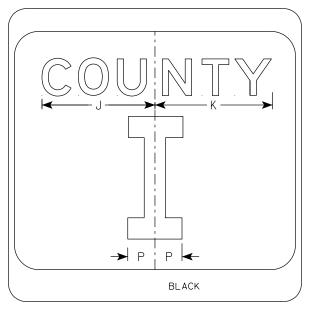


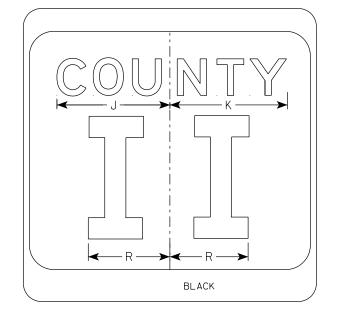


BLACK

HWY:

M1-5A





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																											
2	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 5/8	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
2M	24		1 1/2			10	3	5 1/8	4 1/8	9 1/4	9 %	2	11 1/2	10 1/8	9 3/8	2 1/4		6 5/8									4.0
3	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
4	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0
5	36		2 1/4			16	4	7 5/8	5 5/8	12 1/4	12 1/8	3	17 1/8	15 1/4	14	3 3/8		10									9.0

COUNTY:

CTH MARKER
M1-5A FOR ASSEMBLIES

WISCONSIN DEPT OF TRANSPORTATION

SHEET NO:

APPROVED

For State Traffic Engineer

DATE 11/8/2022

PLATE NO. <u>M1-5A.9</u>

FILE NAME : C:\CAEfiles\Projects\tr\_stdplate\M15A.dgn

PROJECT NO:

PLOT DATE: 8-NOV 2022 8:26

PLOT BY : dotc4c

PLOT NAME :

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

1. All Signs Type II - Type H Reflective

NOTES

2. Color:

Background - See note 5 Message - See note 5

- 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. M3-1 thru M3-4 Background - White

Message - Black

MB3-1 thru MB3-4 Background - Blue

Message - White

MK3-1 thru MK3-4 Background - Green

Message - White

MM3-1 thru MM3-4 Background - White

Message - Green

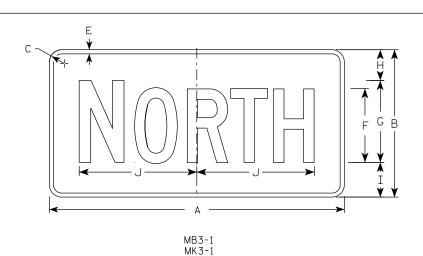
MN3-1 thru MN3-4 Background - Brown

Message - White

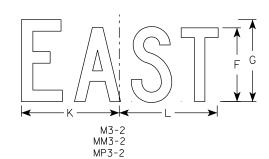
MP3-1 thru MP3-4 Background - White

Message - Blue

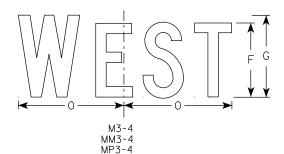
6. Note the first letter of each direction is larger than the remainder of the message.



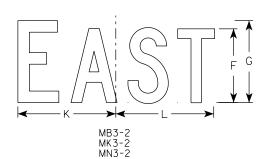
M3-1 MM3-1 MP3-1

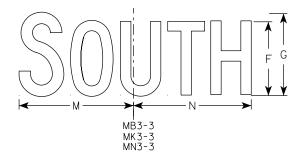


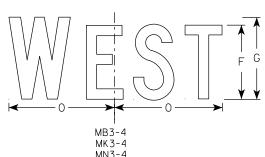
MM3-3



HWY:







SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1																											
25	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 1/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
2N	24	12	1 1/2	3/8	3/8	6	7	2 1/4	2 3/4	10 1/4	7 1/8	8 3/8	10 1/4	9 3/4	8 3/4												2.00
3	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
4	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5
5	36	18	1 1/2	3/8	1/2	9	10	3 3/4	4 1/4	14 3/8	12	12 1/8	14	14 1/8	13												4.5

STANDARD SIGNS M3-1 THRU M3-4 SERIES

WISCONSIN DEPT OF TRANSPORTATION

APPROVED

DATE 2/8/2023 PLATE NO. <u>M3-1.1</u>5

SHEET NO:

PROJECT NO: FILE NAME : C:\CAEfiles\Projects\tr\_stdplate\_M31.dgn COUNTY:

PLOT BY : dotc4c

PLOT NAME :

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

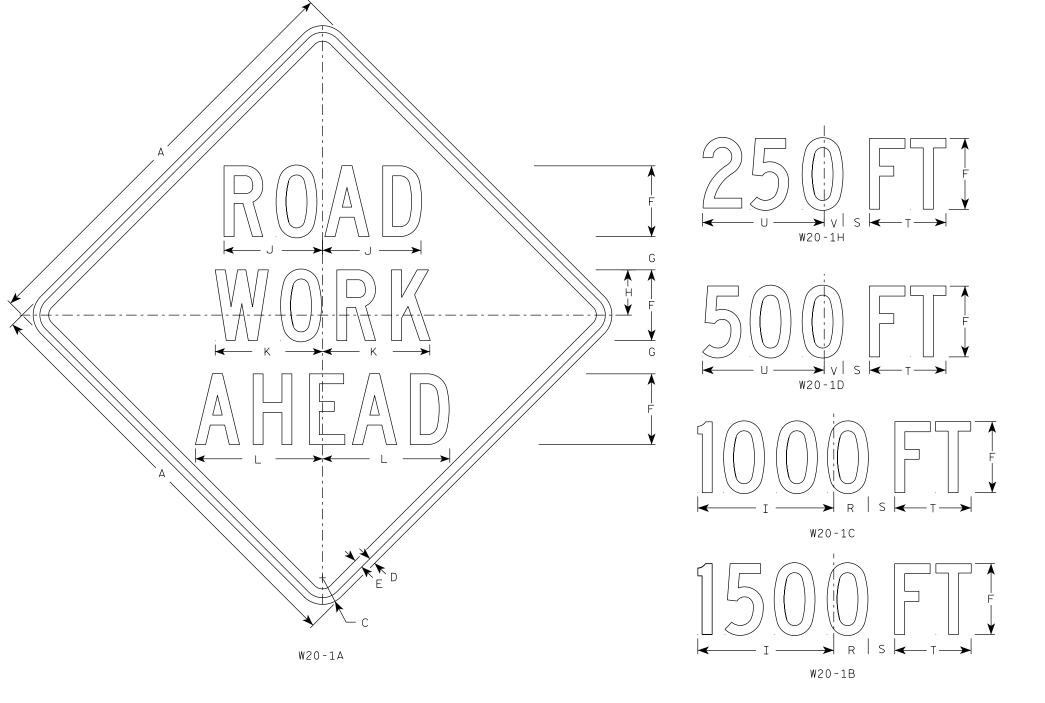
PLOT DATE: 8-FEB 2023 11:00

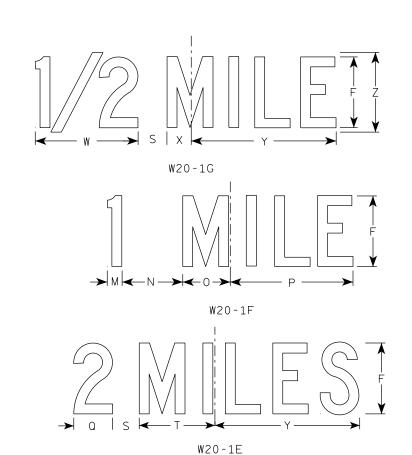
#### NOTES

- 1. Sign is Type II Type F Reflective
- 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.





SIZE	Α	В	С	D	E	F	G	Н	I	J	K	L	М	N	0	Р	Q	R	S	Т	U	٧	W	X	Y	Z	Area sq. ft.
1	36		2 1/4	5/8	3/4	5	2 5/8	3 1/4	10 1/8	7	7	8 1/8	1 1/8	4 1/2	3 1/2	9	3 1/4	2 1/2	2 1/4	5	9	1 3/8	8	1 3/4	10 3/4	6	9.0
25	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1	6 %	5 3/8	13 1/8	4 3/8	3 1/8	3	8	13 ¾	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
2M	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1	6 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8	13 ¾	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
3	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1	6 %	5 3/8	13 1/8	4 3/8	3 1/8	3	8	13 ¾	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
4	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1	6 1/8	5 3/8	13 1/8	4 3/8	3 1/8	3	8	13 ¾	2 1/8	11 1/8	2 3/4	16 3/8	9	16.0
5	48		3	3/4	1	8	3 3/4	5 1/8	15 3/8	11 1/8	12 1/8	14 3/8	1 5/8	6 %	5 3/8	13 1/8	4 3/8	3 1/8	3	8 %	13 ¾	2 1/8	11 7/8	2 3/4	16 3/8	9	16.0

STANDARD SIGN W20-1A, B, C, D, E, F, G & H

WISCONSIN DEPT OF TRANSPORTATION

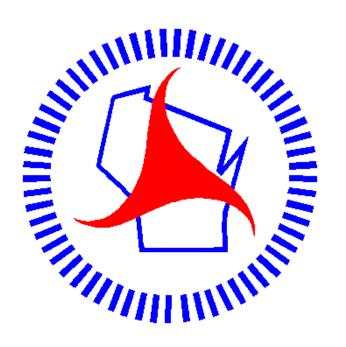
APPROVED Matthew & Rauch
For State Traffic Engineer

DATE 1/10/2024 PLATE NO. W20-1.12

SHEET NO:

PROJECT NO:

Notes



### Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov