MAR 2016 STATE OF WISCONSIN ORDER OF SHEETS Section No. 1 Title DEPARTMENT OF TRANSPORTATION Section No. 2 Typical Sections and Details Estimate of Quantities Section No. 3 Miscellaneous Quantities Section No. 3 Right of Way Plat

FEDERAL PROJECT STATE PROJECT PROJECT CONTRACT WISC 2016068 6270-00-62

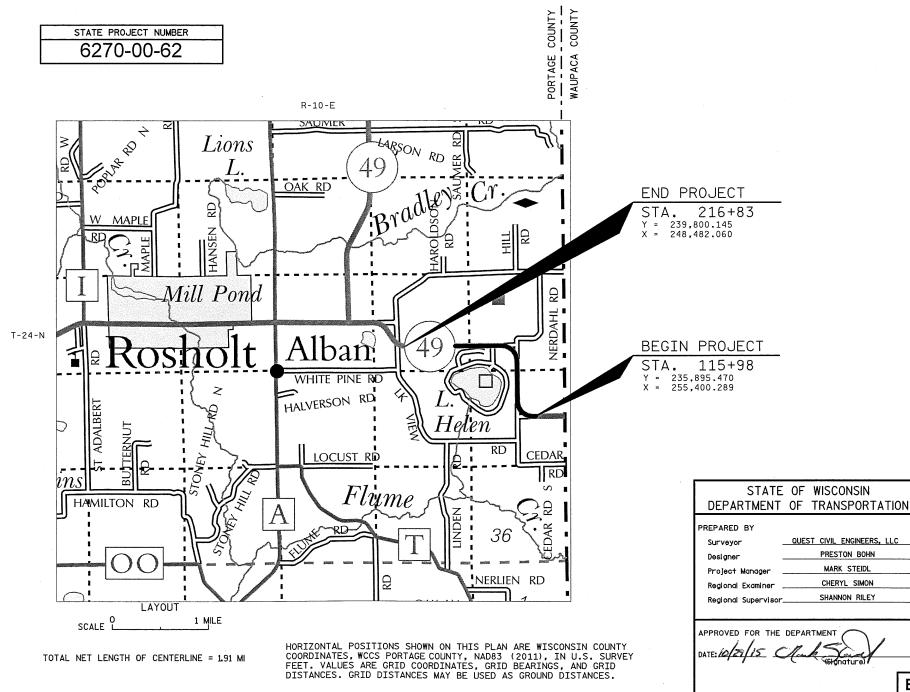
PLAN OF PROPOSED IMPROVEMENT

NORTHLAND - STH 29

CEDAR ROAD TO LAKE VIEW ROAD

STH 49

PORTAGE COUNTY



Plan and Profile

Standard Detail Drawings

DESIGN DESIGNATION

Section No. 5

Section No. 6

TOTAL SHEETS = 32

A.A.D.T. 2016 = 1,400 2023 = 1,490 D.H.V. = 13.7 D.D. = 60/40 = 11.5% DESIGN SPEED = 60 MPH

CONVENTIONAL SYMBOLS

WOODED OR SHRUB AREA

PROFILE GRADE LINE CORPORATE LIMITS ORIGINAL GROUND PROPERTY LINE MARSH OR ROCK PROFILE LOT LINE (To be noted as such) SPECIAL DITCH LIMITED HIGHWAY EASEMENT EXISTING RIGHT OF WAY GRADE ELEVATION PROPOSED OR NEW R/W LINE CULVERT (Profile View) SLOPE INTERCEPT UTILITIES REFERENCE LINE ELECTRIC EXISTING CULVERT FIBER OPTIC PROPOSED CULVERT (Box or Pipe) SANITARY SEWER COMBUSTIBLE FLUIDS STORM SEWER TELEPHONE MARSH AREA UTILITY PEDESTAL POWER POLE ₽

TELEPHONE POLE

2

2

GENERAL NOTES

PURSUANT TO CHAPTER 59 OF THE WISCONSIN STATUTES, THE CONTRACTOR SHALL CAREFULLY MAKE A SEARCH FOR EVIDENCE OF A LANDMARK IN ALL AREAS WHERE SUCH A LANDMARK MAY EXIST.

THE CONTRACTOR IS TO WORK WITH UTMOST CARE AND PROTECT ALL SURVEY MARKERS. REMOVAL OF ANY SURVEY MARKER IS TO BE WITH THE APPROVAL OF THE ENGINEER.

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.

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

DNR LIASON

WISCONSIN DEPARTMENT OF NATURAL RESOURCES
473 GRIFFITH DRIVE
WISCONSIN RAPIDS, WI 54494
ATTN: MARC HERSHFEILD
(715) 421-7867

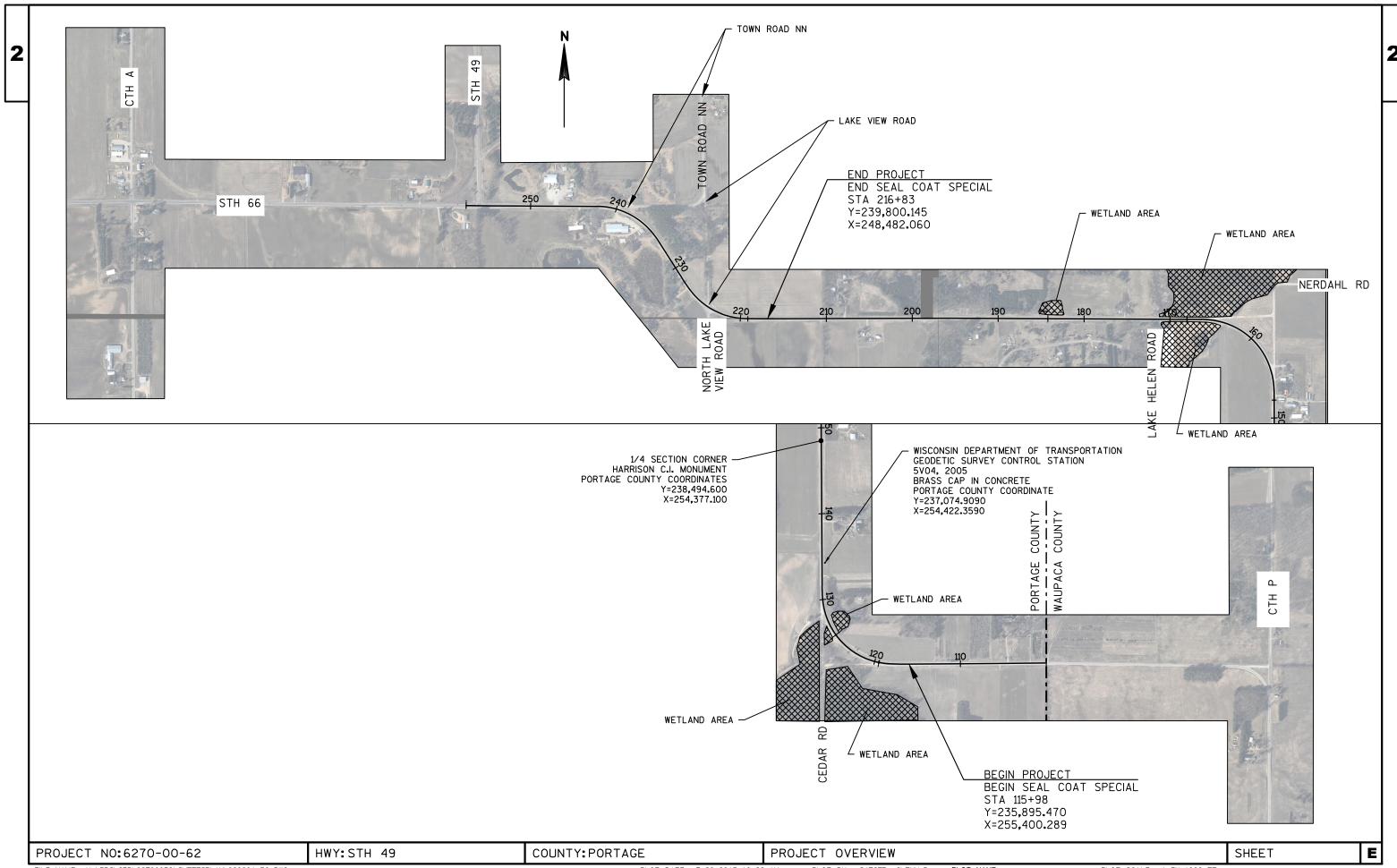
UTILITY CONTACTS

AMHERST TELEPHONE COMPANY - COMMUNICATION LINE P.O. BOX 279
AMHERST, WI 54406
ATTN: TOM IVERSON
(715) 824-2006 office
(715) 572-5630 cell
TOMIVERSON@WI-NET.COM

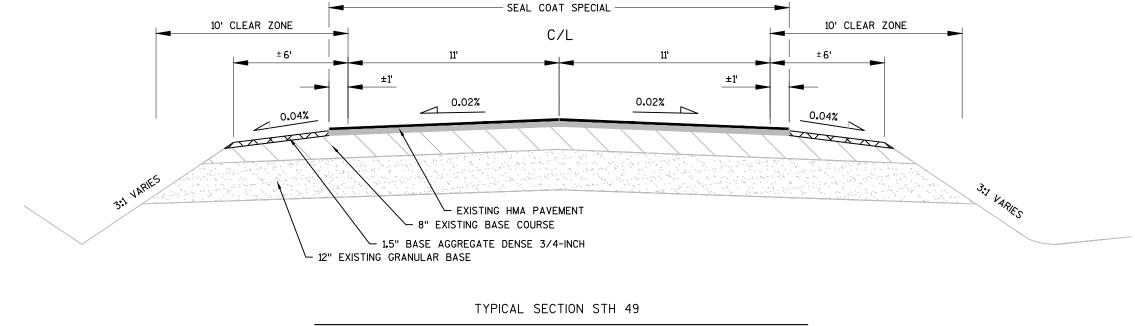
CENTRAL WISCONSIN ELECTRIC COOPERATIVE - ELECTRICITY
10401 LYSTUL ROAD
ROSHOLT, WI 54473
ATTN: JEFF RICE
(715) 677-2211 office
(715) 701-2038 cell
JEFF.RICE@CWECOOP.COM



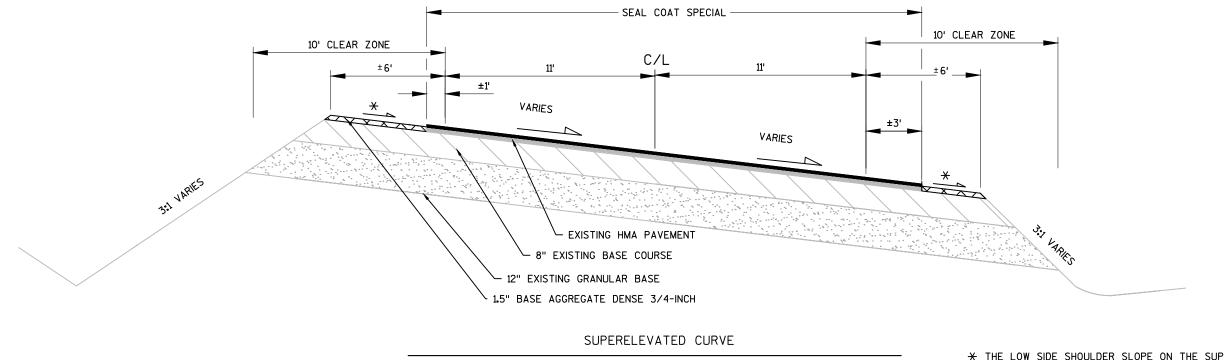
PROJECT NO: 6270-00-62 HWY: STH49 COUNTY: PORTAGE GENERAL NOTES SHEET: **E**







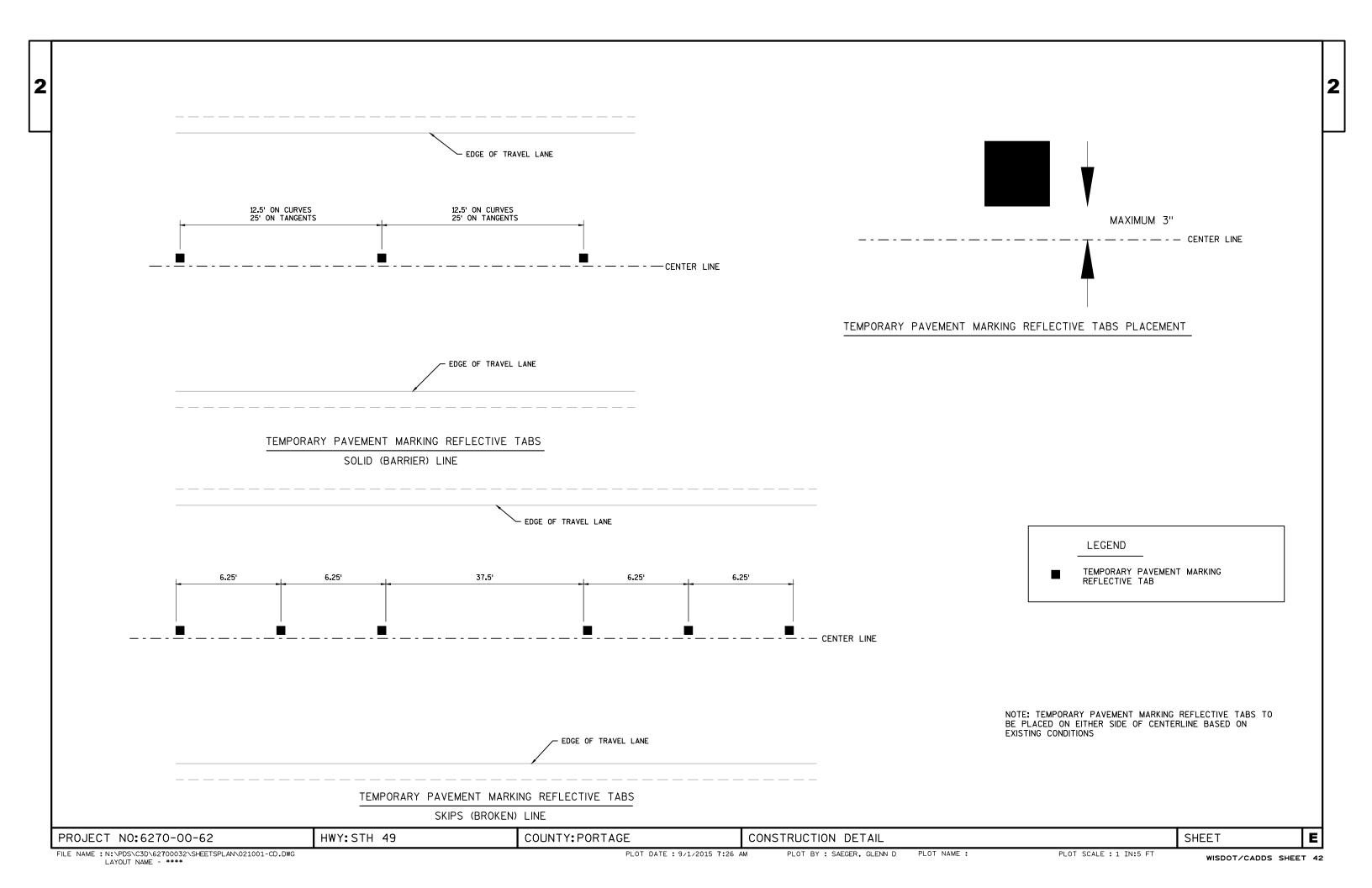
STA 115+98 TO STA 117+20 STA 132+00 TO STA 152+32 STA 166+76 TO STA 216+83

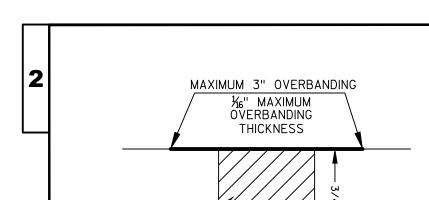


STA 117+20 TO STA 132+00 STA 152+32 TO STA 166+76

* THE LOW SIDE SHOULDER SLOPE ON THE SUPERELEVATED SECTION EQUALS THE SUPERELEVATION RATE WHEN THE SUPERELEVATION RATE IS GREATER THAN 4%. IF THE SUPERELEVATION RATE IS LESS THAN OR EQUAL TO 4%. THE LOW SIDE SHOULDER SLOPE IS 4%. THE HIGH SIDE SHOULDER SLOPE ON SUPERELEVATED SECTIONS EQUALS THE SUPERELEVATION RATE.

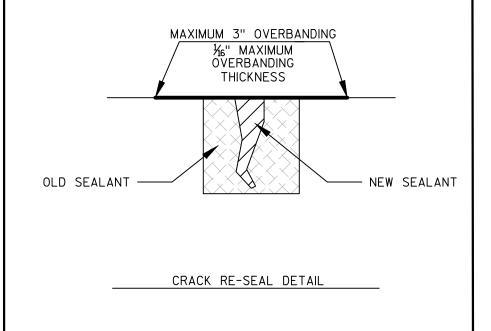
PROJECT NO:6270-00-62 HWY:STH 49 COUNTY: PORTAGE PLAN: TYPICAL SECTIONS SHEET Ε FILE NAME: N:\PDS\C3D\62700032\SHEETSPLAN\020301-TS.DWG PLOT DATE: 9/1/2015 7:22 AM PLOT BY : SAEGER, GLENN D PLOT NAME : PLOT SCALE : 1 IN:5 FT

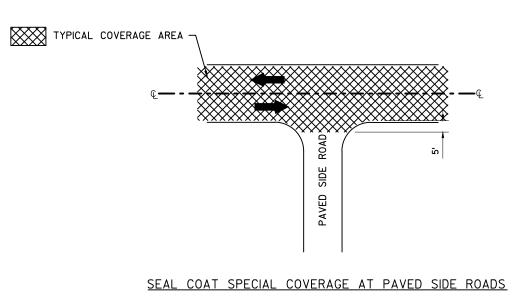




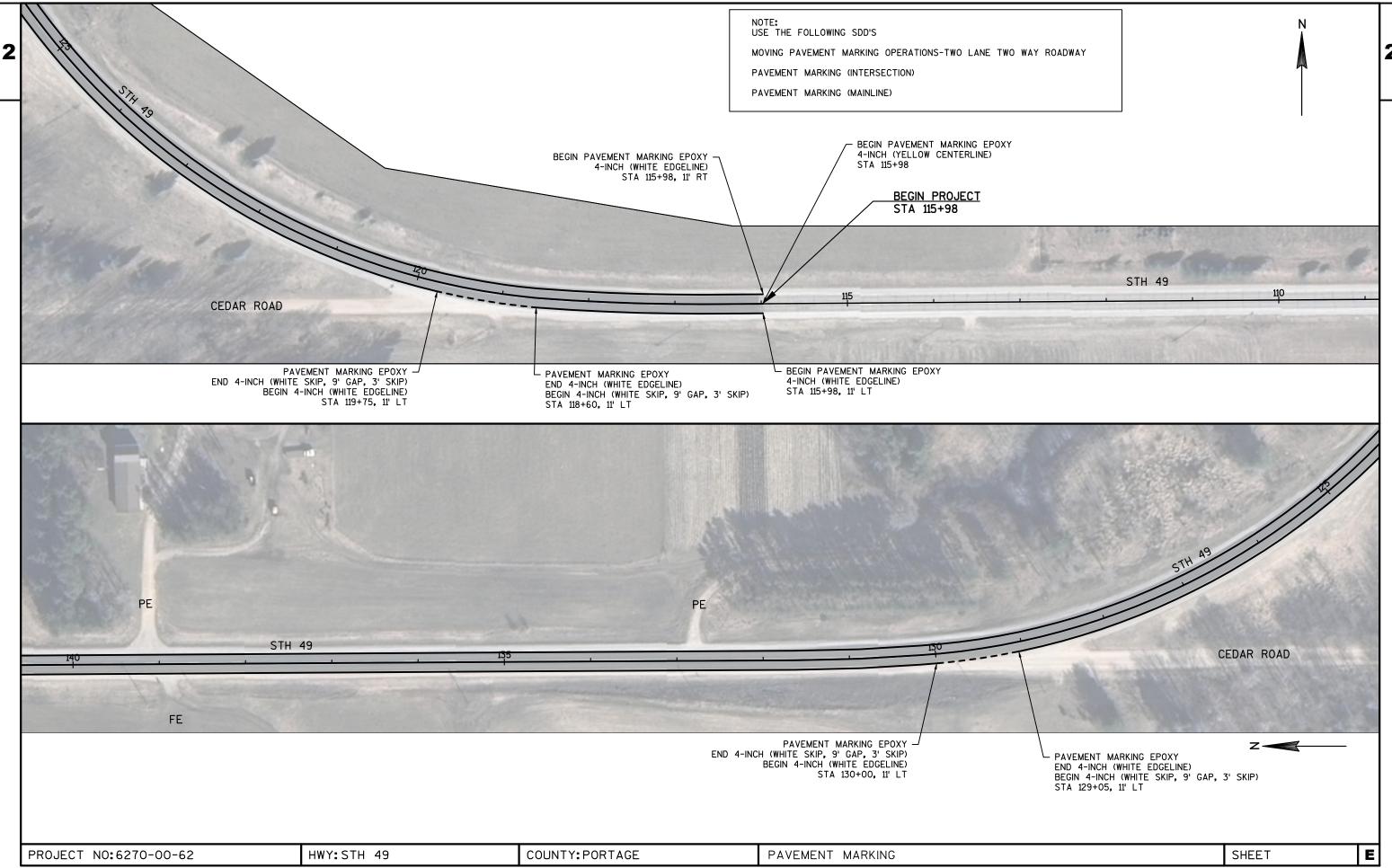
SEALANT

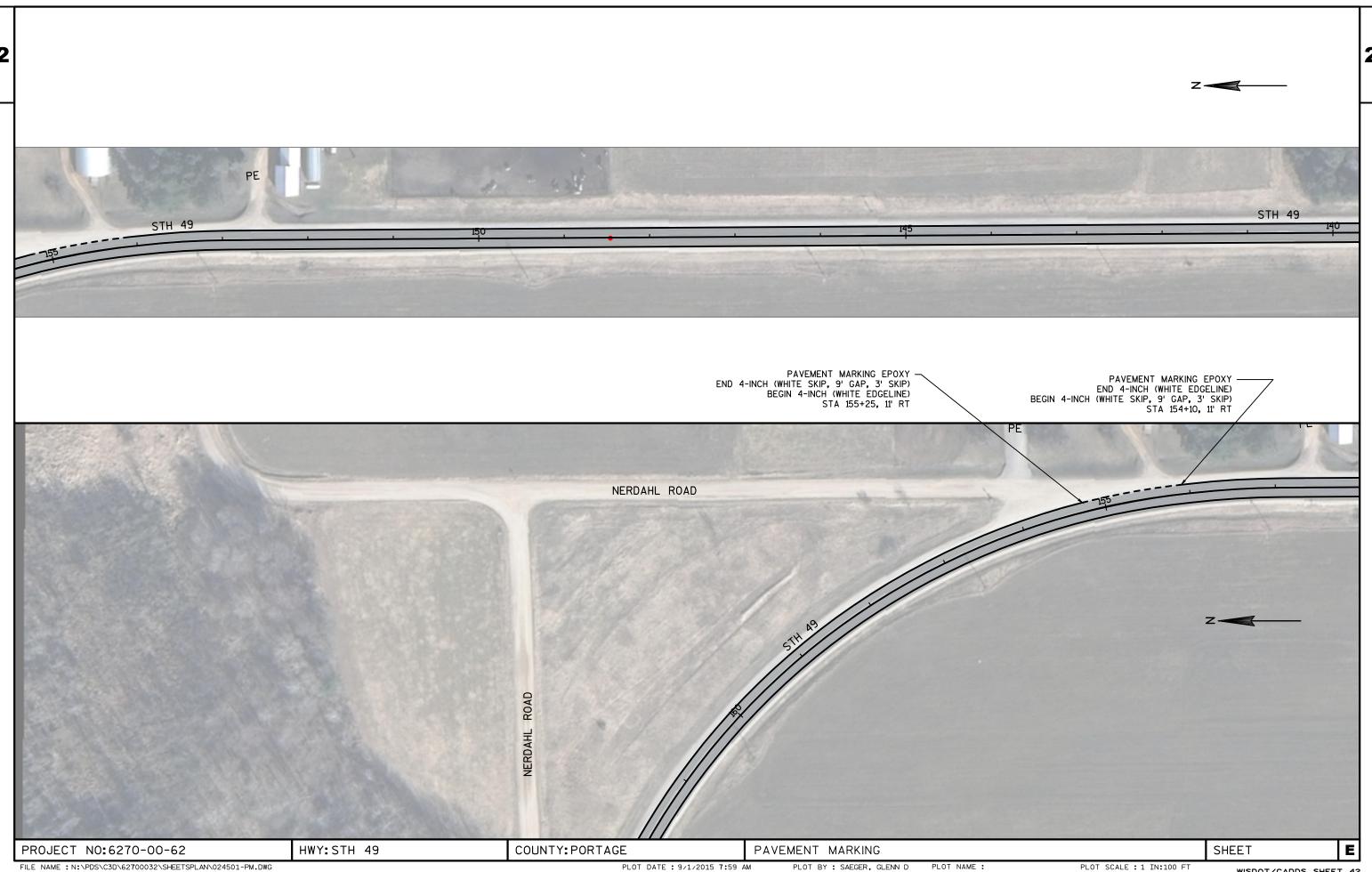
ROUT AND SEAL DETAIL



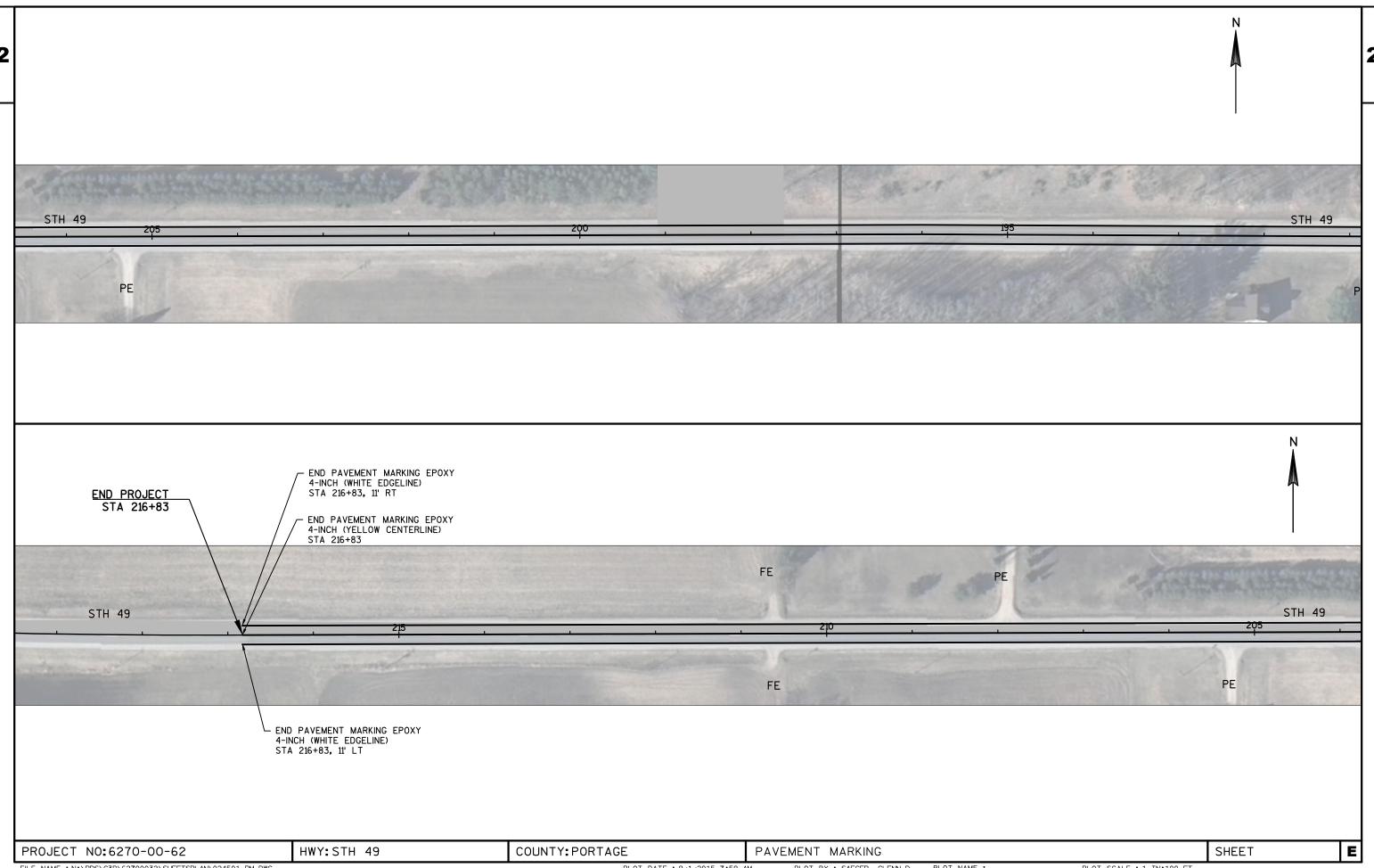


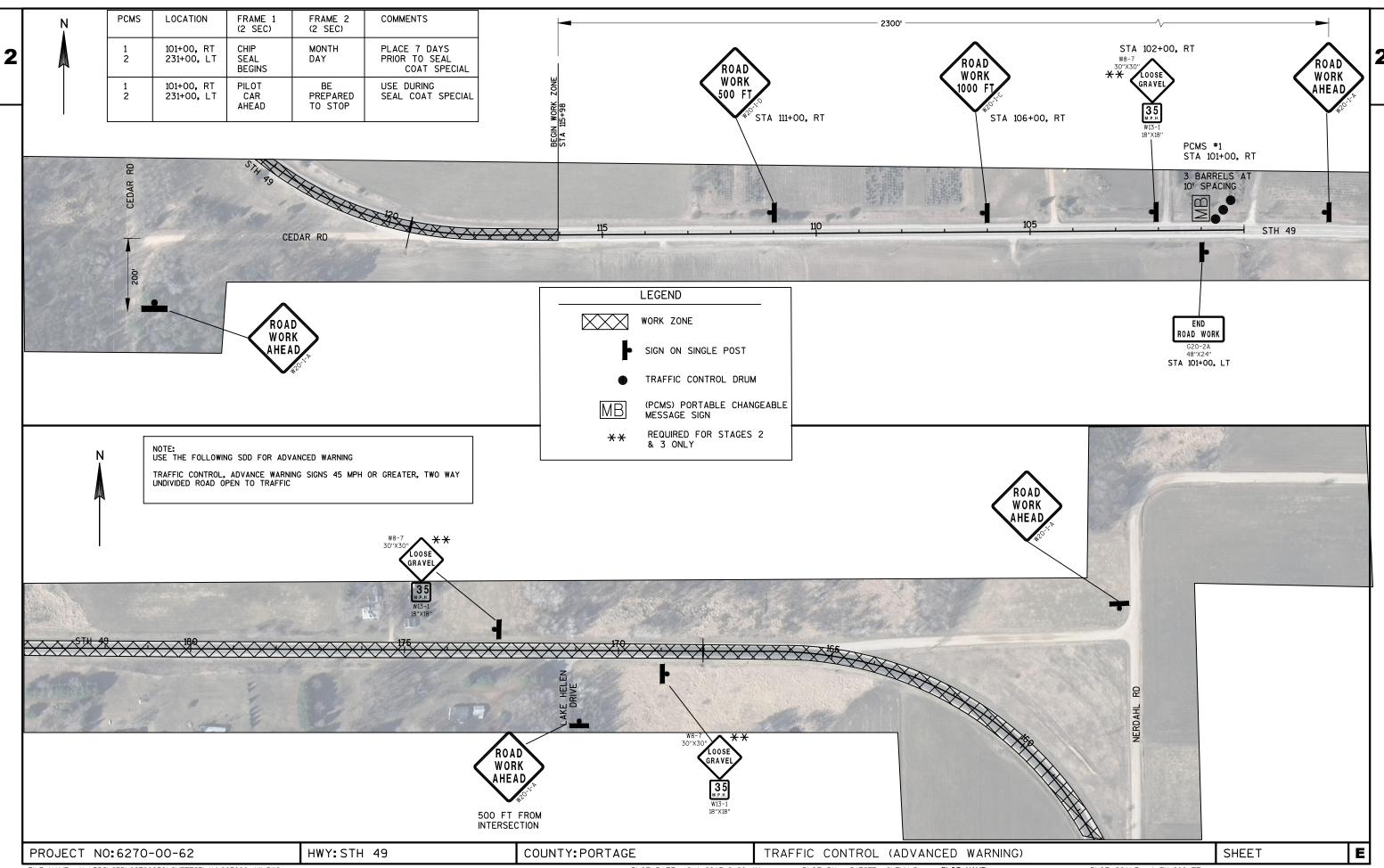
PROJECT NO:6270-00-62 HWY:STH 49 COUNTY: PORTAGE SHEET E CONSTRUCTION DETAIL



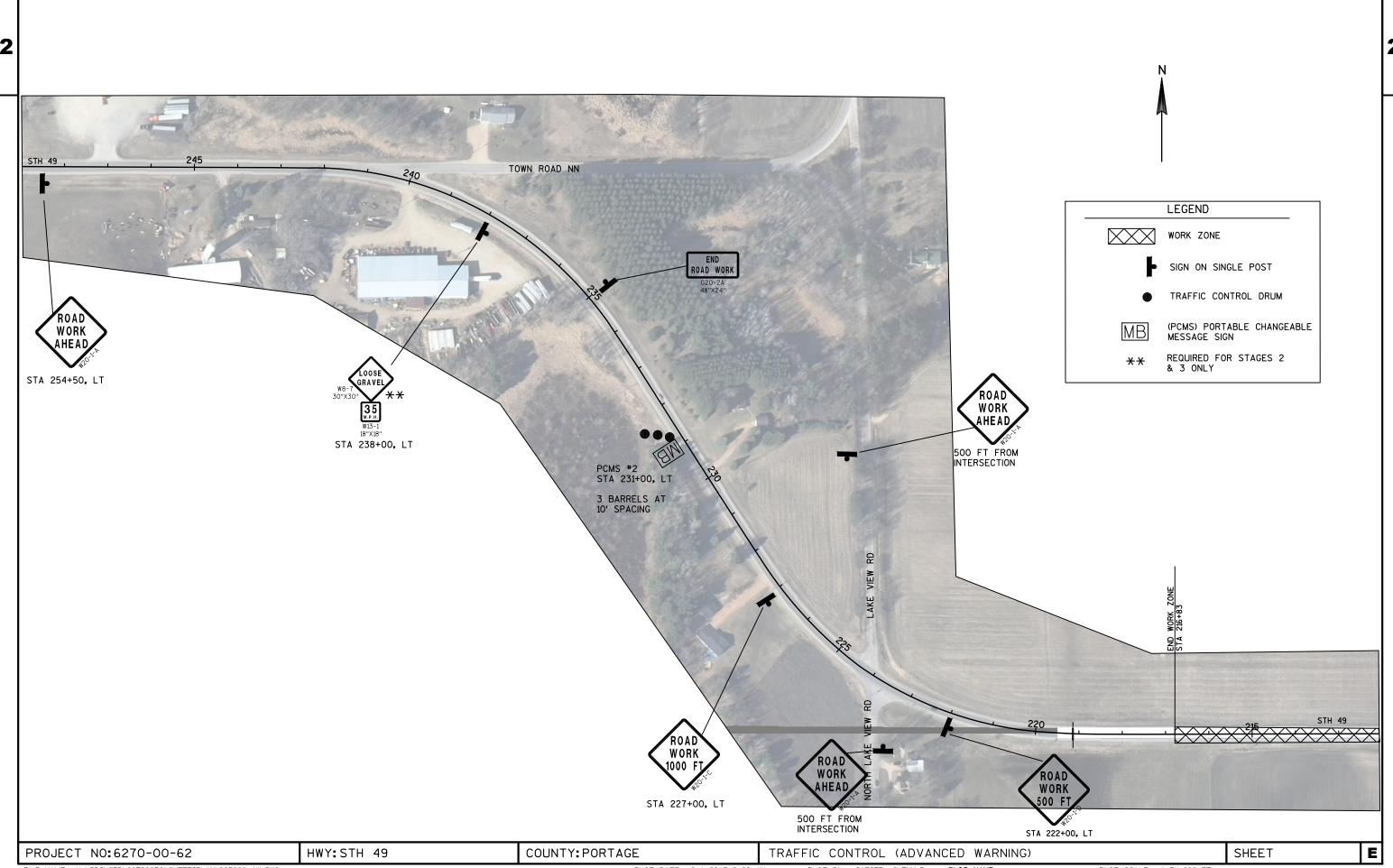




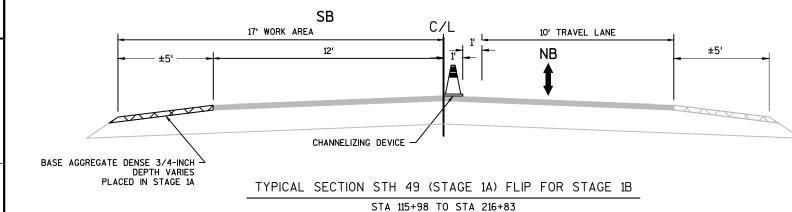


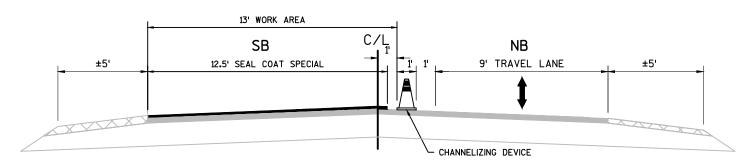


FILE NAME: N:\PDS\C3D\62700032\SHEETSPLAN\025000-AW.DWG PLOT BY: SAEGER, GLENN D PLOT BY: SAEGER, GLENN D PLOT NAME: PLOT SCALE: 1 IN:200 FT WISDOT/CADDS SHEET 42

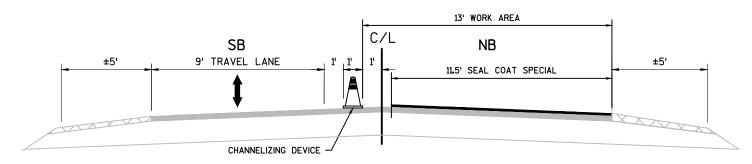


FILE NAME: N:\PDS\C3D\62700032\SHEETSPLAN\025000-AW.DWG PLOT BY: SAEGER, GLENN D PLOT BY: SAEGER, GLENN D PLOT NAME: PLOT SCALE: 1 IN:200 FT WISDOT/CADDS SHEET 42





TYPICAL SECTION STH 49 (STAGE 2-SB) STA 115+98 TO STA 216+83



TYPICAL SECTION STH 49 (STAGE 2-NB) STA 115+98 TO STA 216+83

STAGE 1A & 1B (BASE AGGREGATE DENSE, ROUT & SEAL, & ASPHALTIC SURFACE PATCHING)

STAGE 2 & 3 (SEAL COAT SPECIAL)

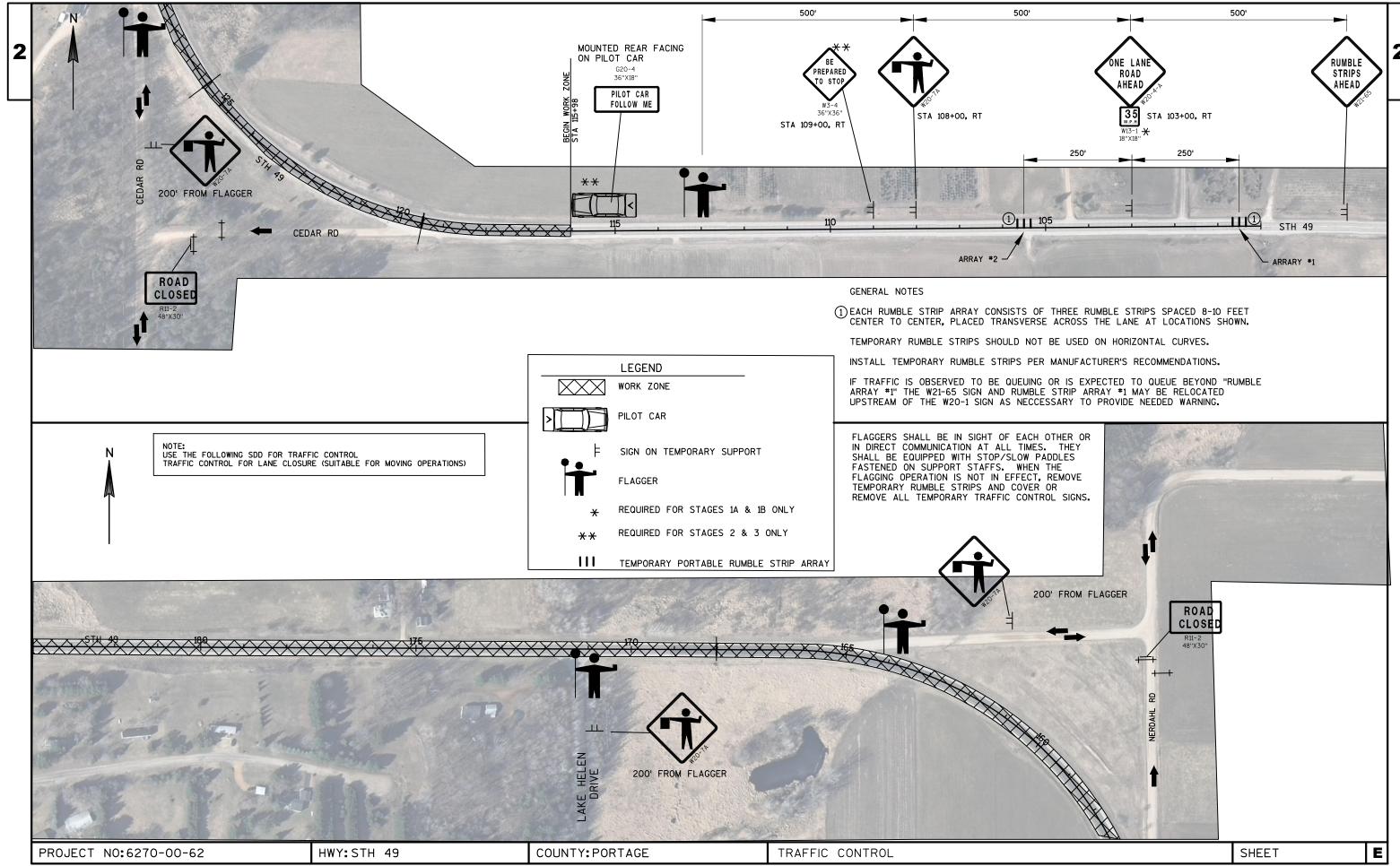
A MINIMUM 10' TRAVEL LANE MUST BE MAINTAINED AT ALL TIMES DURING STAGES 1A AND 1B. A MINIMUM 9' TRAVEL LANE MUST BE MAINTAINED AT ALL TIMES DURING STAGES 2 AND 3.

SPACE CHANNELIZING DEVICES AT 35 FEET TYP.

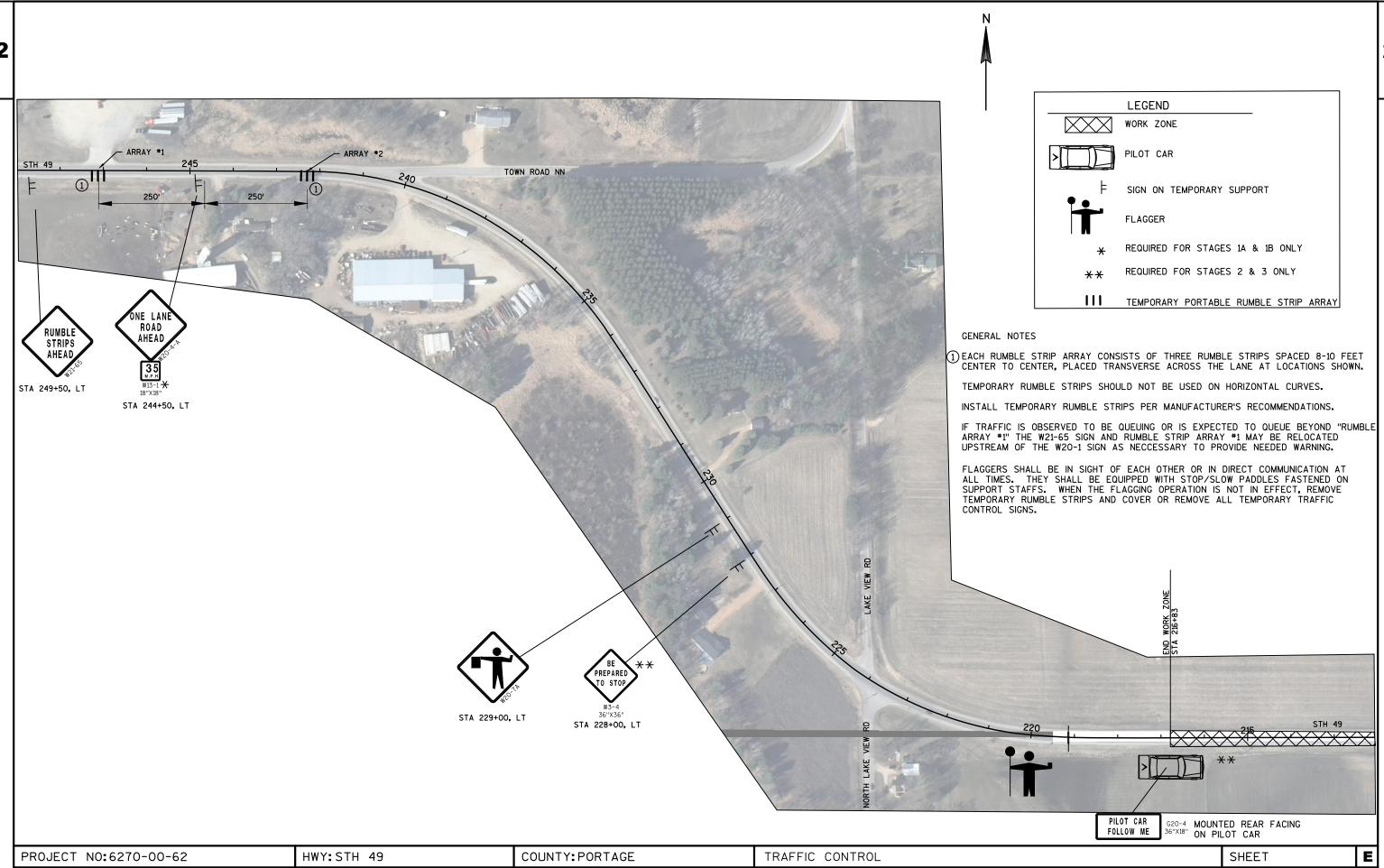
PLACE TEMPORARY PAVEMENT MARKING REFLECTIVE TABS OR PERMANENT PAVEMENT MARKING BEFORE REMOVING CHANNELIZING DEVICES.

USE THE FOLLOWING SDD FOR TRAFFIC CONTROL TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

PROJECT NO:6270-00-62 COUNTY: PORTAGE HWY:STH 49 TRAFFIC CONTROL SHEET Ε



FILE NAME: N:\PDS\C3D\62700032\SHEETSPLAN\025004-TC.DWG PLOT BY: SAEGER, GLENN D PLOT BY: SAEGER, GLENN D PLOT NAME: PLOT SCALE: 1 IN:200 FT WISDOT/CADDS SHEET 42



FILE NAME : N:\PDS\C3D\62700032\SHEETSPLAN\025004-TC.DWG PLOT BY : SAEGER, GLENN D PLOT BY : SAEGER, GLENN D PLOT NAME : PLOT SCALE : 1 IN:200 FT WISDOT/CADDS SHEET 42

DATE OS	BJAN16	E S	TIMAT	E OF QUAN	
LI NE NUMBER	ITEM	ITEM DESCRIPTION	UNI T	TOTAL	6270-00-62 QUANTI TY
0010	204. 0110	Removing Asphaltic Surface	SY	730. 000	730. 000
0020	211. 0500	Prepare Foundation for Base Aggregate	STA	101. 000	101. 000
0030	213. 0100	Finishing Roadway (project) 01.	EACH	1. 000	1. 000
0000	2.0.0.00	6270-00-62	2,1011		
0040	305. 0110	Base Aggregate Dense 3/4-Inch	TON	720.000	720.000
0050	455.0605	Tack Coat	GAL	52.000	52.000
0060	465. 0110	Asphaltic Surface Patching	TON	210.000	210.000
0070	618. 0100	Maintenance And Repair of Haul Roads	EACH	1. 000	1. 000
		(proj ect) 01. 6270-00-62			
0800	619. 1000	Mobilization	EACH	1. 000	1. 000
0090	624. 0100	Water	MGAL	12. 000	12. 000
0100	643. 0200	Traffic Control Surveillance and	DAY	34.000	34. 000
		Maintenance (project) 01. 6270-00-62			
0110	643. 0300	Traffic Control Drums	DAY	2, 172. 000	2, 172. 000
0120	643.0420	Traffic Control Barricades Type III	DAY	20.000	20.000
0130	643. 0705	Traffic Control Warning Lights Type A	DAY	40.000	40.000
0140	643. 0900	Traffic Control Signs	DAY	501.000	501.000
0150	643. 1050	Traffic Control Signs PCMS	DAY	32.000	32.000
0160	646. 0106	Pavement Marking Epoxy 4-Inch	LF	32, 495. 000	32, 495. 000
0170	690. 0150	Sawing Asphal t	LF	2, 320. 000	2, 320. 000
0170	SPV. 0060	Special 01. Temporary Pavement Marking	EACH	2, 700. 000	2, 700. 000
0100	31 1.0000	Reflective Tabs	LAGIT	2, 700.000	2, 700.000
0190	SPV. 0060	Special 02. Temporary Portable Rumble	EACH	20.000	20.000
		Strip Array			
0200	SPV. 0125	Special 01. Prepare Existing Pavement	MI	1. 910	1. 910
		For Seal Coat Special			
0210	SPV. 0180	Special 01. Seal Coat Special **P**	SY	28, 100. 000	28, 100. 000
0210	Jr V. 0100	Special of Seal Coat Special F	31	20, 100.000	20, 100. 000

REMOVING ASPHALTIC SURFACE, TACK COAT, ASPHALTIC SURFACE PATCHING, SAWING ASPHALT

		204.0110		465.0110		
		REMOVING	455.0605	ASPHALTIC	690.0150)
		ASHPALTIC	TACK	SURFACE	SAWING	ì
		SURFACE	COAT	PATCHING	ASPHAL ⁻	Т
STATION	SIDE	SY	GAL	TONS	LF	REMARKS
116+45	SB	16.7	1.2	4.8	40	FULL DEPTH
133+70	SB	3.3	0.2	1.0	16	FULL DEPTH
135+08	SB	4.3	0.3	1.2	19	FULL DEPTH
136+30	SB	6.7	0.5	1.9	26	FULL DEPTH
144+25	<u>SB</u>	5.0	0.4	1.4	21	FULL DEPTH
147+00	SB	6.0	0.4	1.7	24	FULL DEPTH
148+22	NB	19.4	1.4	5.6	45	FULL DEPTH
148+50	SB	5.0	0.4	1.4	21	FULL DEPTH
149+75	NB	33.3	2.3	9.6	70	FULL DEPTH
151+07	NB	10.0	0.7	2.9	49	FULL DEPTH
151+37	SB	3.3	0.2	1.0	16	FULL DEPTH
151+57	NB	22.2	1.6	6.4	50	FULL DEPTH
153+00	NB	13.9	1.0	4.0	35	FULL DEPTH
168+22	NB	13.9	1.0	4.0	35	FULL DEPTH
169+27	NB AND SB	13.3	0.9	3.8	53	FULL DEPTH, OLD PAVEMENT JOINT
169+69	NB AND SB	13.3	0.9	3.8	53	FULL DEPTH, FULL PAVEMENT WIDTH
170+16	NB AND SB	10.7	0.7	3.1	52	FULL DEPTH, FULL PAVEMENT WIDTH
171+00	NB AND SB	8.0	0.6	2.3	51	FULL DEPTH, FULL PAVEMENT WIDTH
172+07	SB	48.9	3.4	14.0	118	FULL DEPTH
173+25	NB	4.4	0.3	1.3	18	FULL DEPTH
174+25	SB	13.3	0.9	3.8	46	FULL DEPTH
176+00	SB	6.7	0.5	1.9	26	FULL DEPTH
177+50	SB	16.7	1.2	4.8	56	FULL DEPTH
181+50	SB	46.7	3.3	13.0	146	FULL DEPTH
186+07	SB	11.7	0.8	3.4	41	FULL DEPTH
208+85	SB	2.8	0.2	0.8	15	FULL DEPTH
213+10	SB	2.2	0.2	0.6	14	FULL DEPTH
UNDISTRIBUTED		368.3	26.5	106.5	1164	FULL DEPTH
	TOTAL	730	52	210	2320	

PREPARE FOUNDATION FOR BASE AGGREGATE

STATION - STATION	LOCATION	211.0500 STATION
115+98 TO 216+83	RIGHT/LEFT SHOULDER	101
	TOTAL	101

FINISHING ROADWAY (PROJECT)

STATION - STATION	LOCATION	213.0100 EACH	REMARKS
115+98 TO 216+83	PROJECT	1	STH 49
	TOTA	L 1	

BASE AGGREGATE DENSE

		305.0110	
		3/4-INCH	
STATION - STATION	LOCATION	TON	REMARKS
115+98 TO 216+83	RIGHT/LEFT SHOULDER	720	SHOULDER RESTORATION
	TOTALS	720	

MAINTENANCE AND REPAIR OF HAUL ROADS

STATION - STATION	LOCATION	618.0100 EACH	REMARKS
115+98 TO 216+83	PROJECT	1	STH 49
	TOTA		

MOBILIZATION

STATION - STATION	LOCATION	619.1000 EACH
115+98 TO 216+83	PROJECT	1
	TOTA	L 1

WATER

STATION - STATION	LOCATION	624.0100 MGAL
115+98 TO 216+83	PROJECT	12
	TOTAL	12

MISCELLANEOUS QUANTITIES (SHEET A) COUNTY: PORTAGE PROJECT NO: 6270-00-62 HWY: STH 49 SHEET: FILE NAME : _N:\PDS\DESIGN_ID\6270-00-32,62_STH49\QUANTITIES/QUANTIY
BOOK_____ PLOT SCALE: 1:1

PLOT DATE :

13

TRAFFIC CONTROL

(SEE TRAFFIC CONTROL SCHEDULE SHEETS FOR LOCATION AND QUANTITY BREAKDOWN)

	643.0200 TRAFFIC CONTROL SURVEILLANCE AND MAINTENANCE DAYS	643.0300 TRAFFIC CONTROL DRUM DAYS	643.0420 BARRICADES TYPE III DAYS	643.0705 TRAFFIC CONTROL WARNING LIGHTS TYPE A DAYS	643.0900 SIGNS DAYS	643.1050 TRAFFIC CONTROL SIGNS PCMS DAYS
STAGE 1A & 1B STAGE 2 SB & 2 NB	34	777 1395	20	40	44 457	32
TOTALS	34	2172	20	40	501	32

643.0300 TO BE USED FOR CHANNELIZING DEVICES REMOVE ALL TRAFFIC CONTROL BETWEEN STAGES 1B & 2

PAVEMENT MARKING EPOXY

TEMPORARY PAVEMENT MARKING REFLECTIVE TABS

STATION - STATION LOCATION EACH REMARKS

115+98 TO 216+83 CENTERLINE 2700 YELLOW, MULTICOVER

TOTAL 2700

STATION - STATION	LOCATION	646.0106 4-INCH EDGELINE WHITE LF	646.0106 4-INCH NO PASSING YELLOW LF
115+98 TO 216+83 115+98 TO 216+83	EDGELINE CENTERLINE	20510 0	0 11985
	TOTAL	20510	11985

PROJECT TOTAL

32495

TEMPORARY PORTABLE RUMBLE STRIP ARRAY

 STAGE
 SPV.0060.02 EACH

 STAGE 2 SB AND 2 NB
 20

 TOTAL
 20

PREPARE EXSITING PAVEMENT FOR SEAL COAT SPECIAL

 STATION - STATION
 LOCATION
 SPV.0125.01

 115+98 TO 216+83
 PROJECT
 1.91

 TOTAL
 1.91

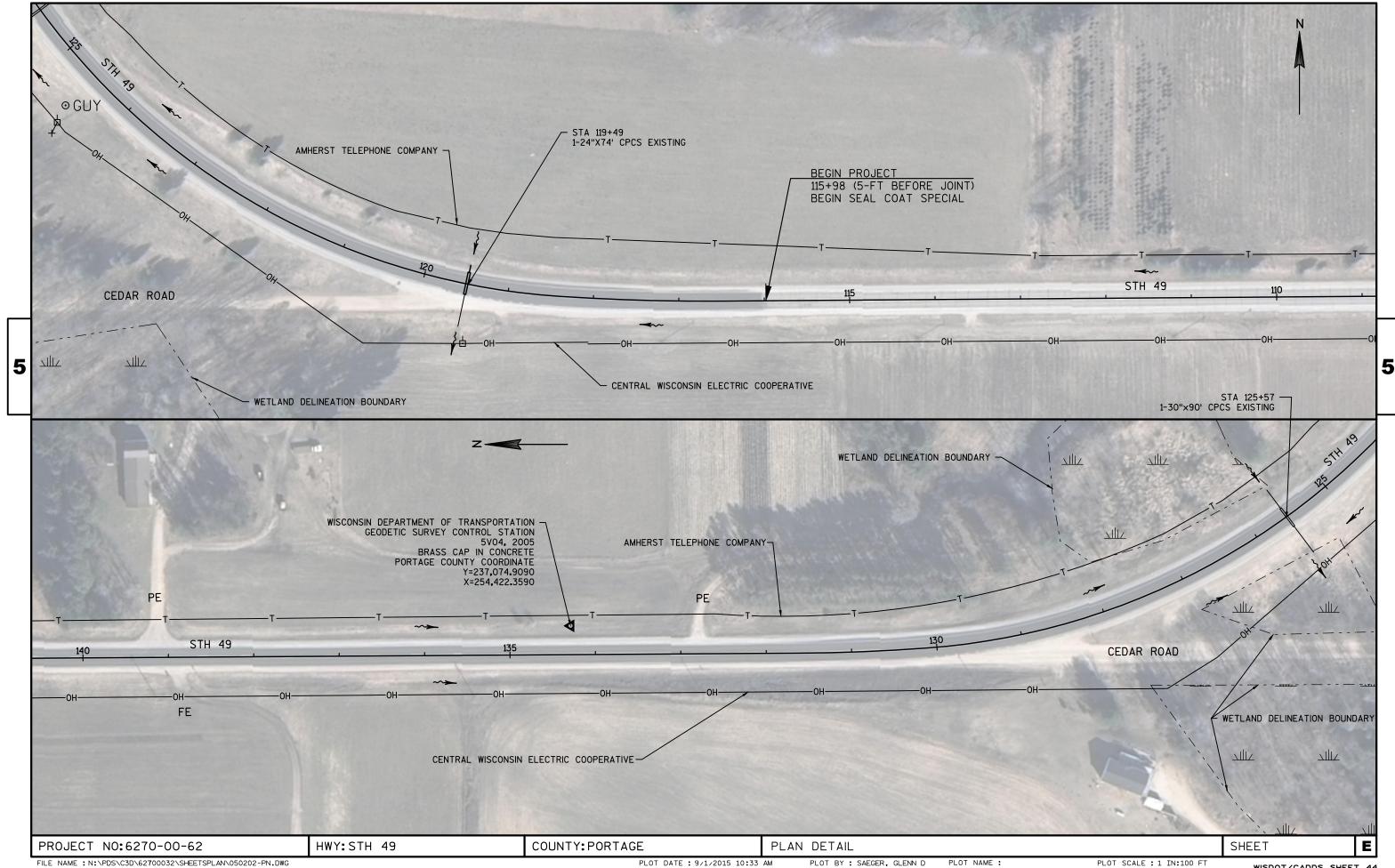
SEAL COAT SPECIAL

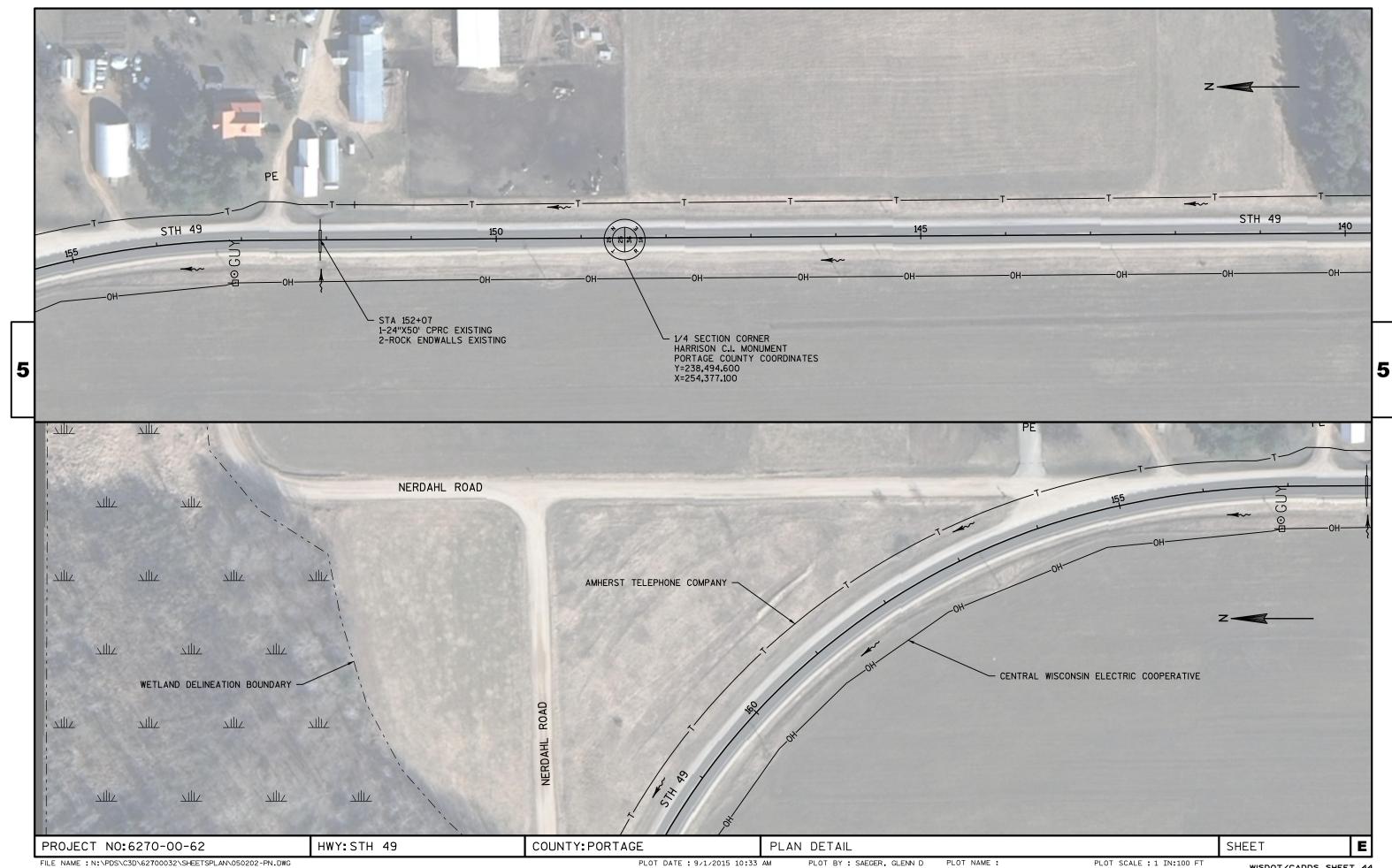
 STATION - STATION
 LOCATION
 SPV.0180.01

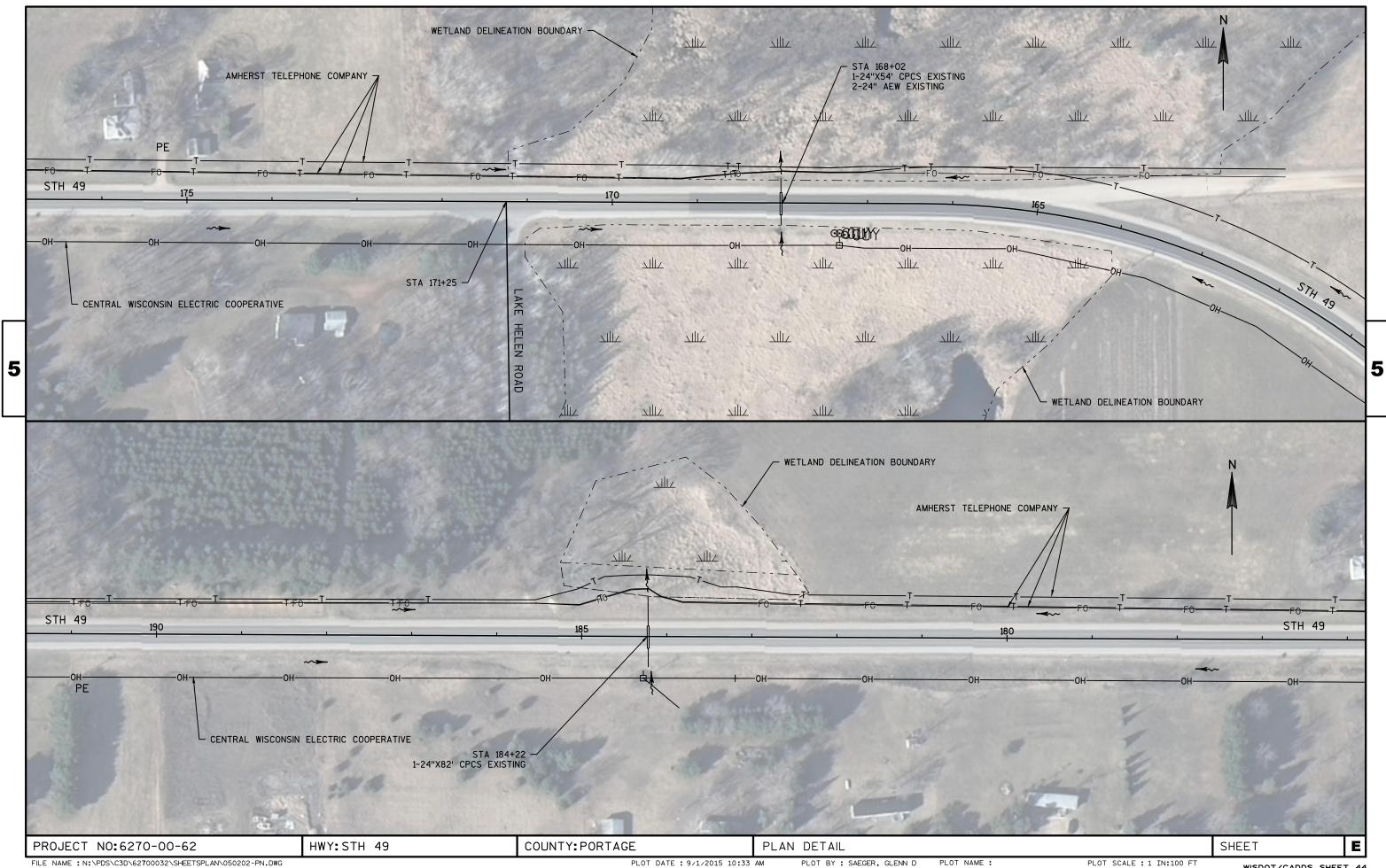
 115+98 TO 216+83
 PROJECT
 28100

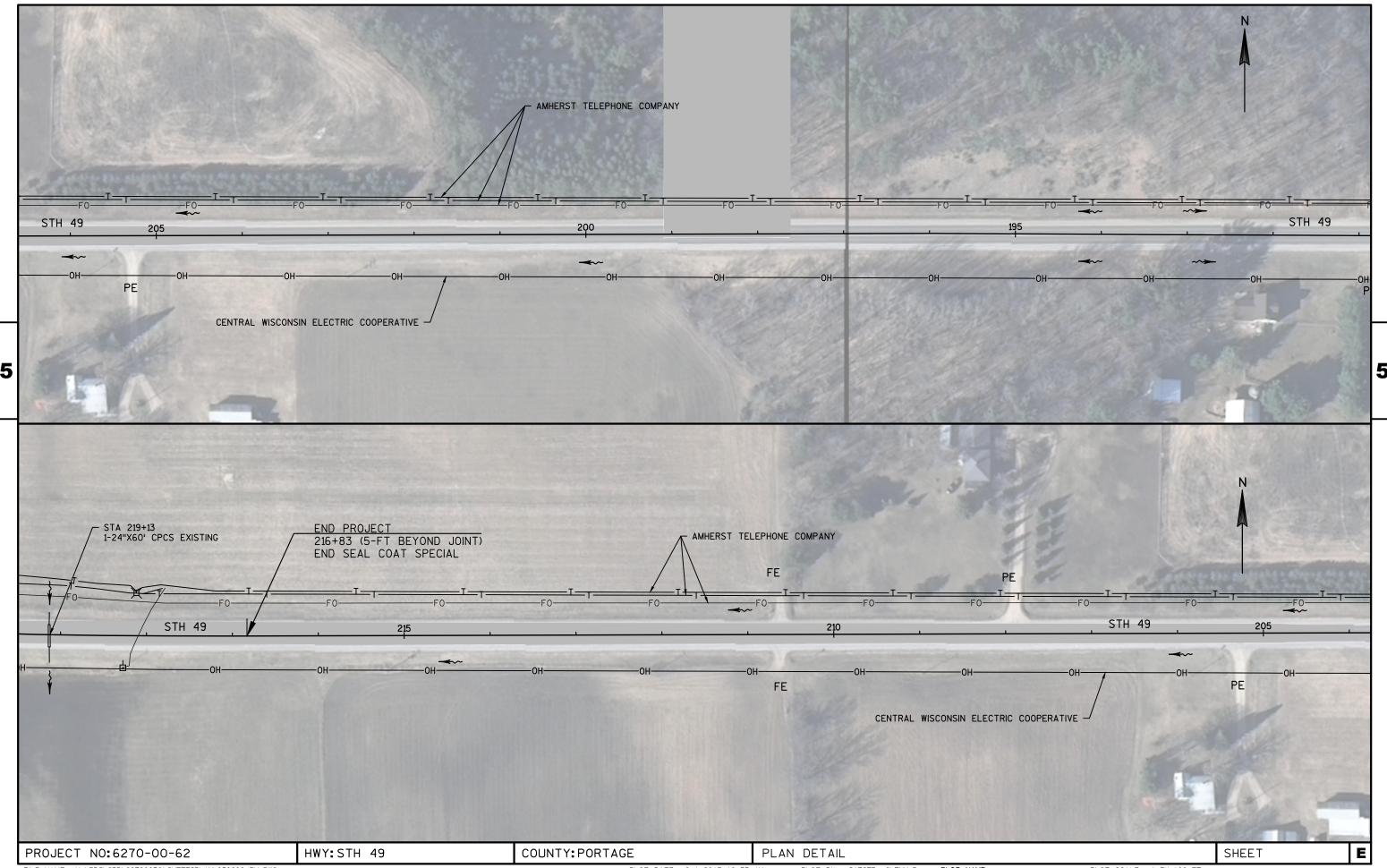
TOTAL 28100

PROJECT NO: 6270-00-62 HWY: STH 49 COUNTY: PORTAGE MISCELLANEOUS QUANTITIES (SHEET B) SHEET: **E**









Standard Detail Drawing List

15	5C02-05A	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15	5C02-05B	BARRICADES AND SIGNS FOR MAINLINE CLOSURES
15	5C03-02	BARRI CADES AND SIGNS FOR SIDEROAD CLOSURES
15	5C04-02	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15	5C08-16A	PAVEMENT MARKING (MAINLINE)
15	5C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15	5C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15	5C19-02A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY

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BRIDGE ROAD 1)TWO-WAY **CLOSED** TYPE "A" WARNING LIGHTS REQUIRED OUTSIDE EDGE OF SHOULDER OUTSIDE EDGE OF SHOULDER OR FACE OF CURB OR FACE OF CURB **DETAIL D**

ROAD CLOSURE BARRICADE DETAIL

APPROACH VIEW



LANE CLOSURE BARRICADE DETAIL

APPROACH VIEW

SEE SDD 15C2-SHEET "a" FOR LEGEND

GENERAL NOTES

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

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

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

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

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

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

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

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

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:

R11-2 SHALL BE 48" X 30". R11-3, R11-4 AND R10-61 SHALL BE 60" X 30". M4-9 SHALL BE 30" X 24". M3-X SHALL BE 24" X 12". (36" X 18" IF NEEDED TO MATCH EXISTING SIGNS.) M4-8 SHALL BE 24" X 12". (30" X 15" IF NEEDED TO MATCH EXISTING SIGNS.)

M1-4, M1-5A, AND M1-6 SHALL BE 24" X 24". (36" X 36" IF NEEDED TO MATCH EXISTING SIGNS.) MO5-1 AND MO6-1 SHALL BE 21" X 21". (30" X 30" IF NEEDED TO MATCH EXISTING SIGNS.) D1-X SHALL BE AS SHOWN ON SPECIFIC PROJECT SIGNING DETAIL SHEETS. R1-1 SHALL BE 36" X 36".

- (1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND A MINIMUM OF ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN (APPROX. 8-FOOT
- THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.
- FOR ROAD CLOSURE WITHOUT LOCAL ACCESS TO PROJECT, SEE ROAD CLOSURE BARRICADE DETAIL D.
- FOR ROAD CLOSURE WITH LOCAL ACCESS TO PROJECT, SEE LANE CLOSURE BARRICADE DETAIL E.
- FOR BRIDGE OR CULVERT REPLACEMENTS, SUBSTITUTE "BRIDGE OUT" INSTEAD OF "ROAD CLOSED" ON R11-2 AND R11-3 SIGNS.
- INSTALL DETOUR AND COMMUNITY GUIDE SIGNS AND ARROWS ONLY IF SPECIFIED IN THE CONTRACT. IF THERE ARE EXISTING ROUTE MARKER ASSEMBLIES THAT WILL REMAIN IN PLACE, ADJUST THE LOCATION OF THE DETOUR ROUTE SIGNS TO CORRESPOND WITH THE EXISTING ASSEMBLIES. MODIFY EXISTING SIGNS WHERE POSSIBLE. SEE SPECIFIC PROJECT DETOUR SIGNING DETAIL SHEETS. IF DETOUR SIGNS ARE BEING INSTALLED BY OTHERS. PLACE THE CONTRACTED TRAFFIC CONTROL SIGNS TO ALLOW FOR PLACEMENT OF ALL WARNING, DETOUR AND GUIDE SIGNS AS SHOWN.
- "EAST" CARDINAL DIRECTION MARKERS AND RIGHT TURN ARROWS ARE SHOWN. USE OTHER CARDINAL DIRECTIONS AND ARROWS AS APPROPRIATE.

BARRICADES AND SIGNS FOR MAINLINE CLOSURES

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

/S/ Travis Feltes STATE TRAFFIC ENGINEER OF DESIGN

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GENERAL NOTES

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

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

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

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

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

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

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

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

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

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
RI1-2 SHALL BE 48" X 30".
RI1-4 AND RI1-3 SHALL BE 60" X 30".

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

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

LEGEND

SIGN ON PERMANENT SUPPORT

TYPE III BARRICADE

TYPE III BARRICADE WITH
ATTACHED SIGN

(A) TYPE "A" WARNING LIGHT (FLASHING)

//// w

WORK AREA

BARRICADES AND SIGNS FOR SIDEROAD CLOSURES

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED

8/2013 /S/ Travis Feltes

DATE STATE TRAFFIC ENGINEER OF DESIGN

S.D.D. 15 C 3-2

TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

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15

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

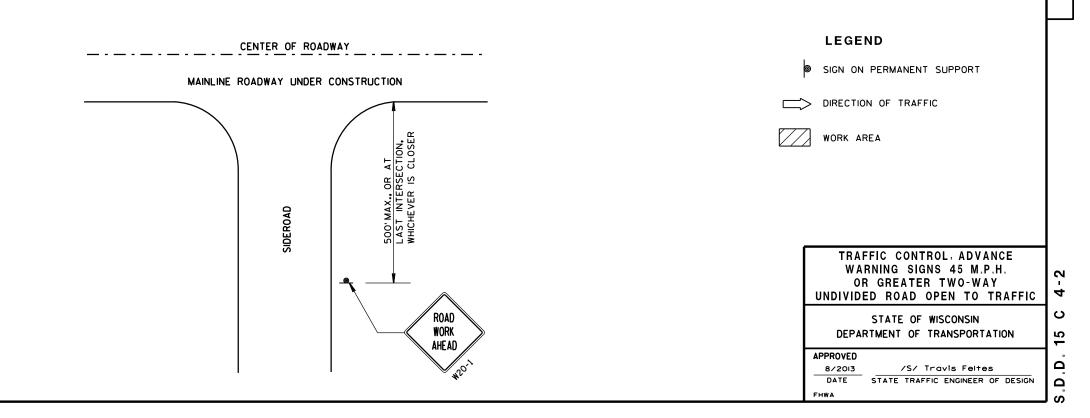
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

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

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

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

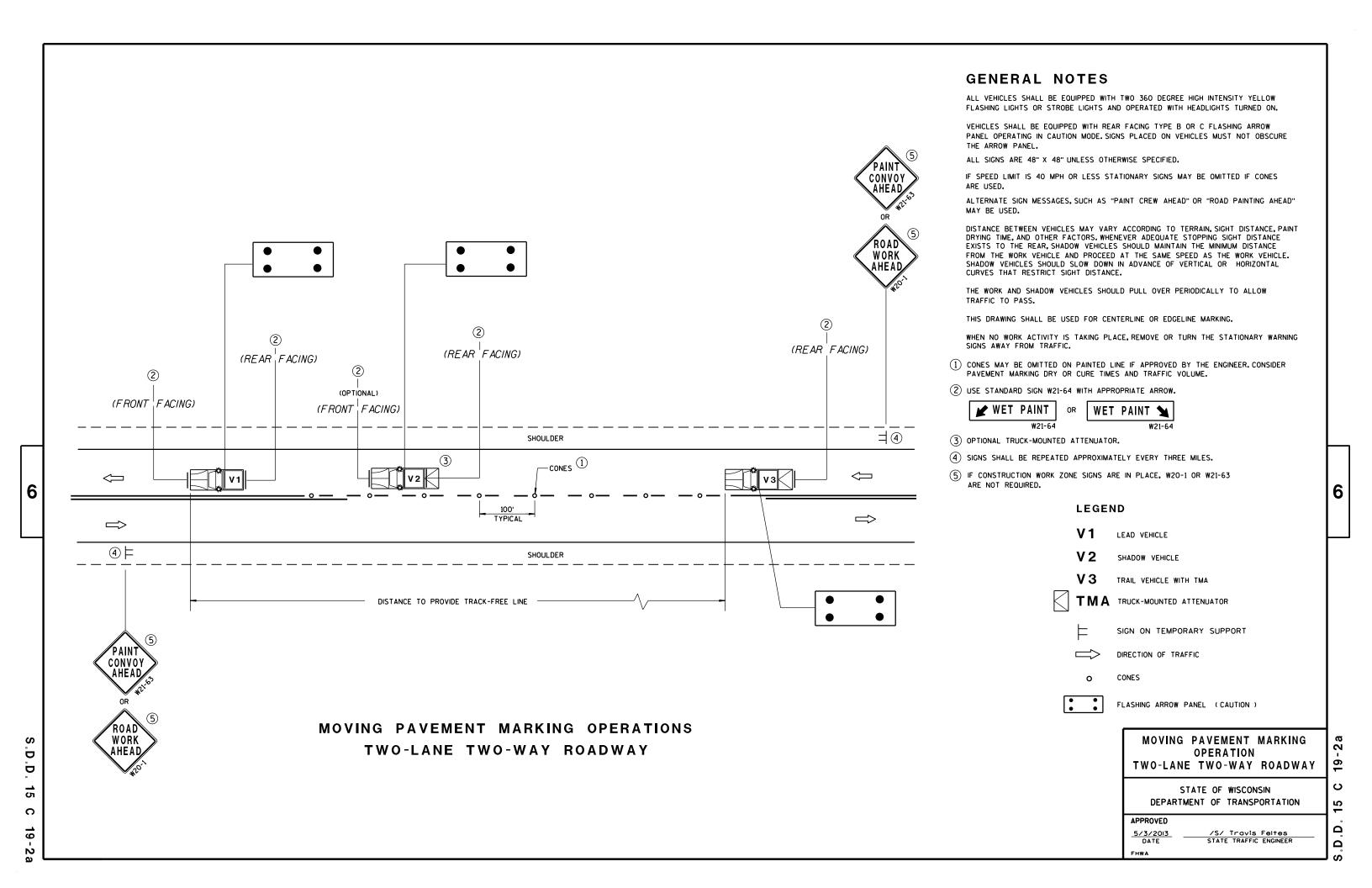
- * OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.
- * PLACE ADDITIONAL W20-1 "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.













Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

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