FEDERAL PROJECT MAD MAY 2016 STATE PROJECT PROJECT CONTRACT STATE OF WISCONSIN ORDER OF SHEETS WISC 2016164 5290-02-60 PROJECT WITH: DEPARTMENT OF TRANSPORTATION Section No. 2 Typical Sections and Details Estimate of Quantities Miscellaneous Quantities ₽ PLAN OF PROPOSED IMPROVEMENT Section No. 6 Standard Detail Drawings 5 **MAZOMANIE - SUN PRAIRIE** 9 STH 113 TO RIVER RD **STH 19** TOTAL SHEETS = 38 DANE COUNTY 2-60 STATE PROJECT NUMBER 5290-02-60 CUBA DESIGN DESIGNATION ST A.A.D.T. 2016 = 16600 EASY A.A.D.T. 2036 = 20580 **BEGIN PROJECT** D.H.V. = 2243 STA. 141+00.00 = 60/40 D.D. = 4.2% X=816208.03 DESIGN SPEED = 55 M.P.H Y=525614.71 = 3,100,000 **ESALS** CONVENTIONAL SYMBOLS **PROFILE** CORPORATE LIMITS GRADE LINE ORIGINAL GROUND END PROJECT PROPERTY LINE MARSH OR ROCK PROFILE STA. 235+20.00 LOT LINE (To be noted as such) SPECIAL DITCH LIMITED HIGHWAY EASEMENT STATE OF WISCONSIN EXISTING RIGHT OF WAY GRADE ELEVATION DEPARTMENT OF TRANSPORTATION PROPOSED OR NEW R/W LINE CULVERT (Profile View) SLOPE INTERCEPT UTILITIES SURVEYOR REFERENCE LINE GREGORY PAYNE ELECTRIC EXISTING CULVERT MATTHEW DAPP FIBER OPTIC PROPOSED CULVERT (Box or Pipe) SANITARY SEWER R-9-E | R-10-E LAYOUT COMBUSTIBLE FLUIDS STORM SEWER TELEPHONE SCALE HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, DANE COUNTY, NADB3 (2011), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES. WATER MARSH AREA Ħ UTILITY PEDESTAL TOTAL NET LENGTH OF CENTERLINE = 1784 POWER POLE ₫ Ε TELEPHONE POLE WOODED OR SHRUB AREA PLOT BY : PAYNE, GREGORY A PLOT NAME : FILE NAME : N:\PDS\C3D\52900230\SHEETSPLAN\010101 TI.DWG PLOT DATE: 12/3/2015 5:11 PM WISDOT/CADDS SHEET 10 THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE ARE ALSO UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL COORDINATE HIS CONSTRUCTION ACTIVITIES WITH A CALL TO "DIGGERS HOTLINE" AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

WAIT TWO DAYS AFTER SEALING CRACKS BEFORE INSTALLING THE ASPHALTIC ENHANCED FRICTION SURFACE TREATMENT.

**GENERAL NOTES** 

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

3.5" AND 4" HMA PAVEMENT FOR SHOULDERS MAY BE PLACED IN A SINGLE LAYER.

THE EXACT LOCATIONS AND LIMITS OF PRIVATE ENTRANCES AND FIELD ENTRANCES SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

EROSION CONTROL ITEMS IN THE MISCELLANEOUS QUANTITIES, TYPICAL SECTIONS, AND EROSION CONTROL PLANS ARE SUGGESTED, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD, MAINTAIN EROSION CONTROL ITEMS UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

ALL DISTURBED AREAS SHALL BE TOPSOILED, FERTILIZED, SEEDED, AND MULCHED AS DIRECTED BY THE ENGINEER.

NO TREES OR SHRUBS ARE TO BE REMOVED UNLESS INDICATED FOR REMOVAL BY THE ENGINEER.

TRAFFIC CONTROL DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

#### STANDARD ABBREVIATIONS

AGG AADT CL OR C/L CTH CY DHV EB FE FT IN DIA LIN FT OR LF OH PAVT	AGGREGATE ANNUAL AVERAGE DAILY TRAFFIC CENTER LINE COUNTY TRUNK HIGHWAY CUBIC YARD DESIGN HOUR VOLUME EASTBOUND FIELD ENTRANCE FOOT INCH DIAMETER LINEAR FOOT OVERHEAD PAVEMENT	PROJ RL R/W RD RDWY SHLDR S SPECS SF SY SDD TEL UG	PROJECT REFERENCE LINE RIGHT OF WAY ROAD ROADWAY SHOULDER SOUTH SPECIFICATIONS SQUARE FOOT SQUARE YARD STANDARD DETAIL DRAWING TELEPHONE UNDERGROUND
PAVT	PAVEMENT	UG	UNDERGROUND
LB	POUND	W	WEST
PSI	POUNDS PER SQUARE INCH	WB	WESTBOUND

## **SECTION 2 ORDER OF SHEETS**

**GENERAL NOTES** PROJECT OVERVIEW TYPICAL SECTIONS CONSTRUCTION DETAILS SNOW FENCE DETAILS TRAFFIC CONTROL PLAN DETAILS



#### **UTILITY CONTACTS**

JERRY MYERS TDS TELECOM - COMMUNICATION LINE 525 JUNCTION RD MADISON, WI 53717 (608) 664-4404 JERRY.MYERS@TDSTELECOM.COM

DAVE DRESEN WAUNAKEE UTILITIES - ELECTRICITY 322 MORAVIAN VALLEY RD WAUNAKEE, WI 53597 (608) 850-5450 DDRESEN@WPPIENERGY.ORG

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

#### OTHER CONTACTS

#### AIRPORT CONTACT

JUSTIN HETLAND AIRSPACE SAFETY PROGRAM MANAGER **DEPARTMENT OF** TRANSPORTATION/DTIM/AERONAUTICS 4802 SHEBOYGAN AVE ROOM 701 MADISON, WI 53707 608-267-5018

## DESIGNER

**GREGORY PAYNE** 2101 WRIGHT ST MADISON, WI 53704 (608) 516-4106 GREGORY.PAYNE@DOT.WI.GOV **DNR CONTACT** 

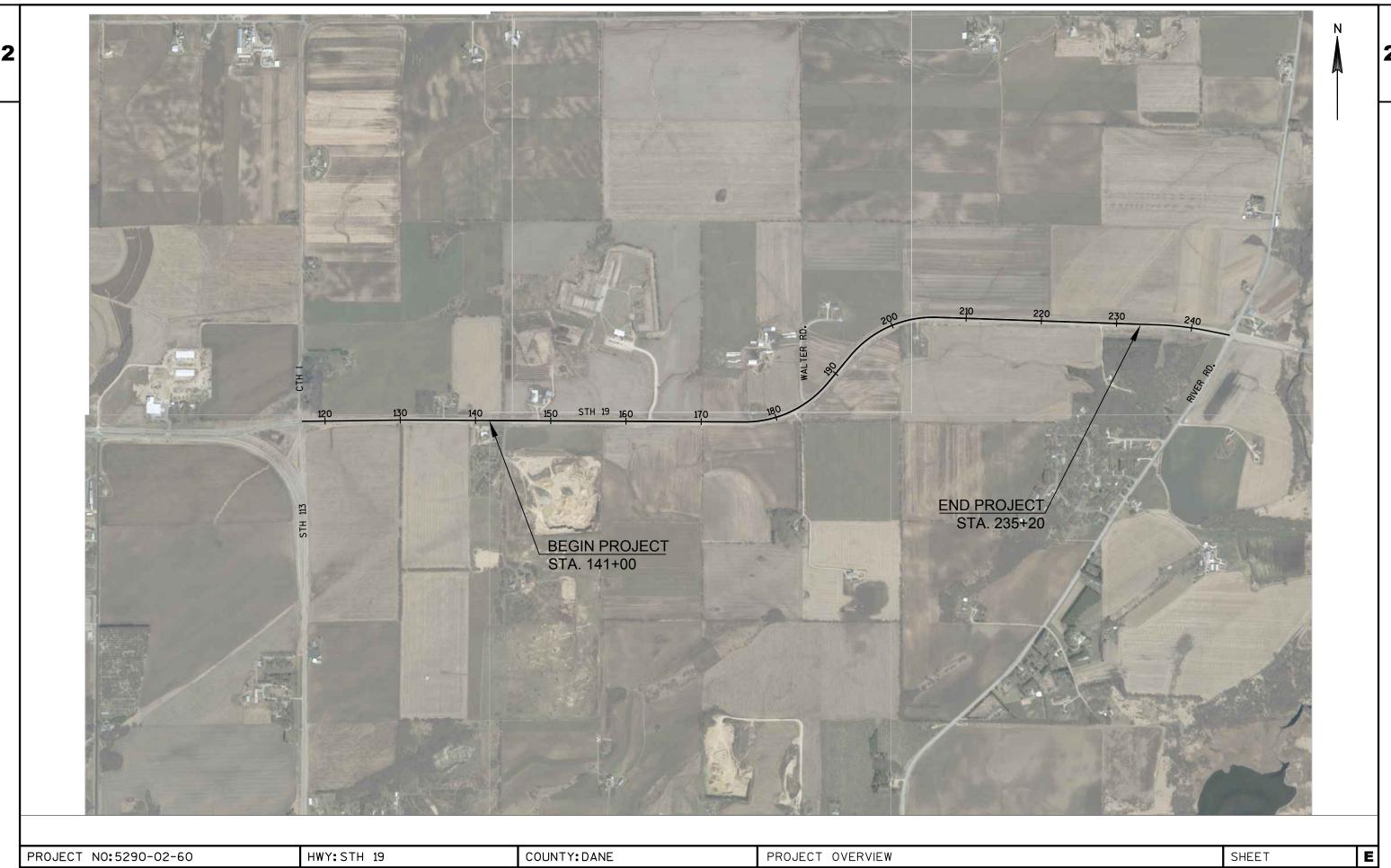
**ERIC HEGGELUND** 3911 FISH HATCHERY RD FITCHBURG, WI 53711 (608) 275-3301 ERIC.HEGGELUND@WISCONSIN.GOV

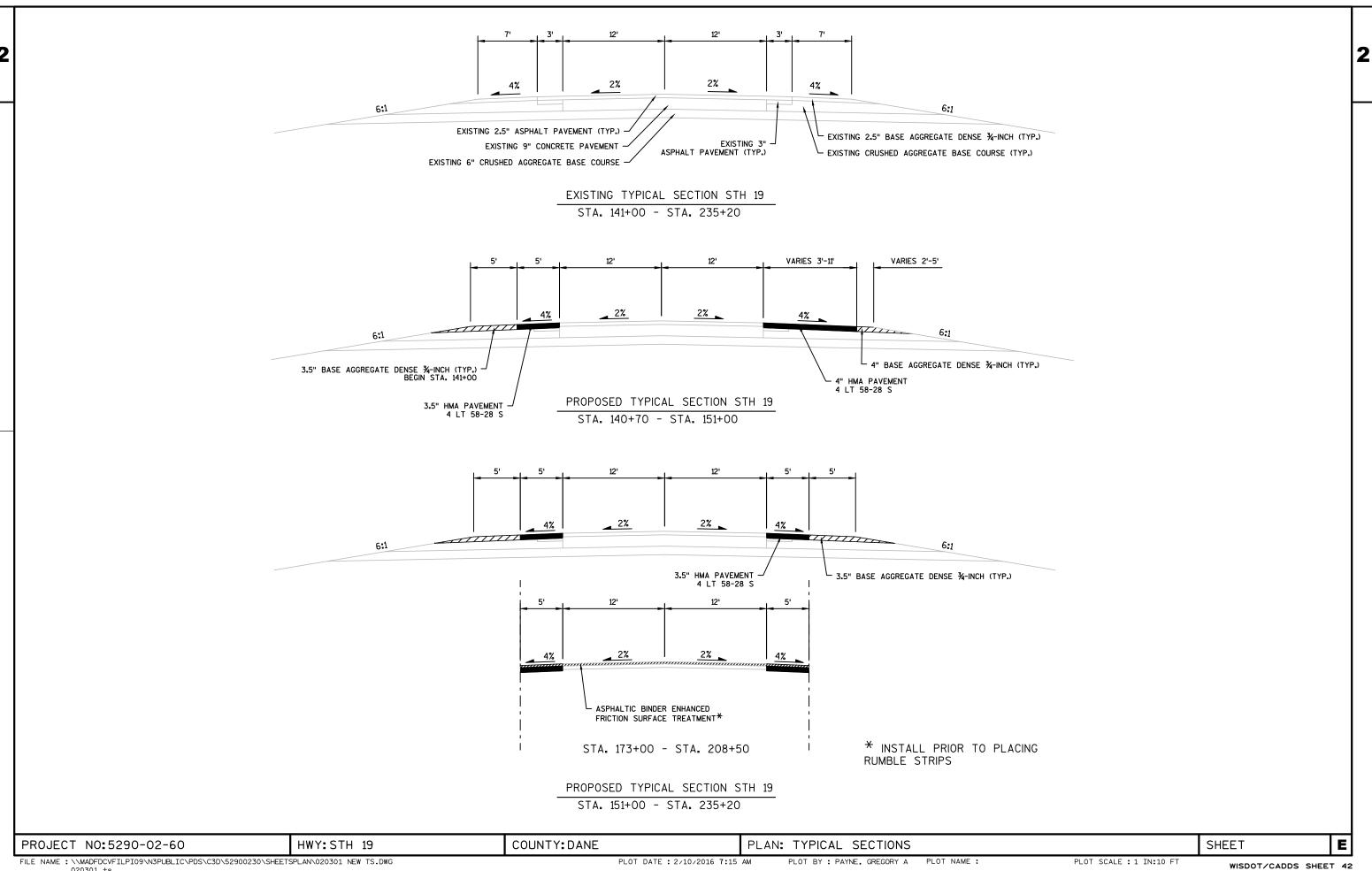
#### PROJECT MANAGER

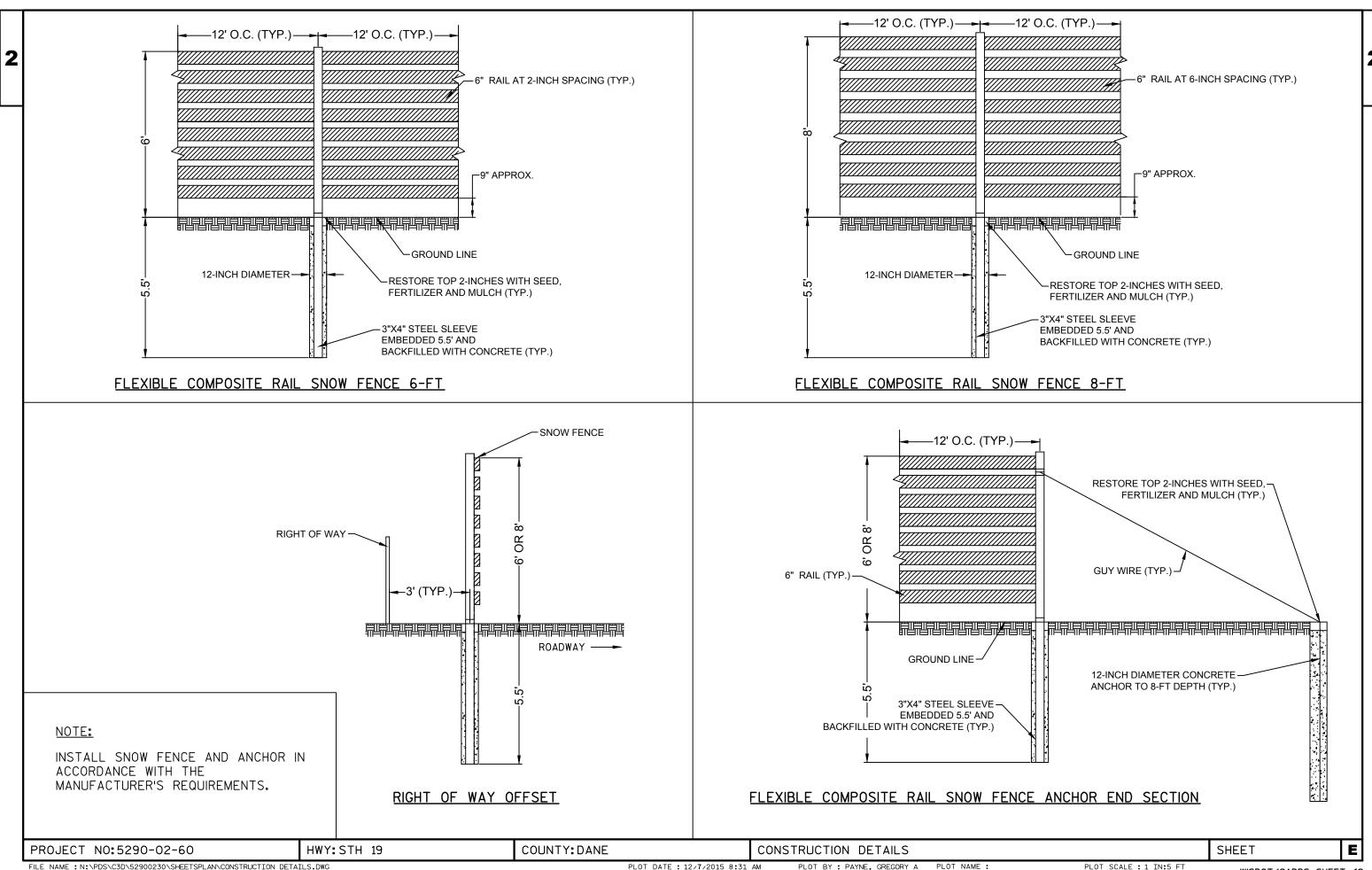
MATTHEW DAPP 2101 WRIGHT ST MADISON, WI 53704 (608) 246-5353 MATTHEW.DAPP@DOT.WI.GOV

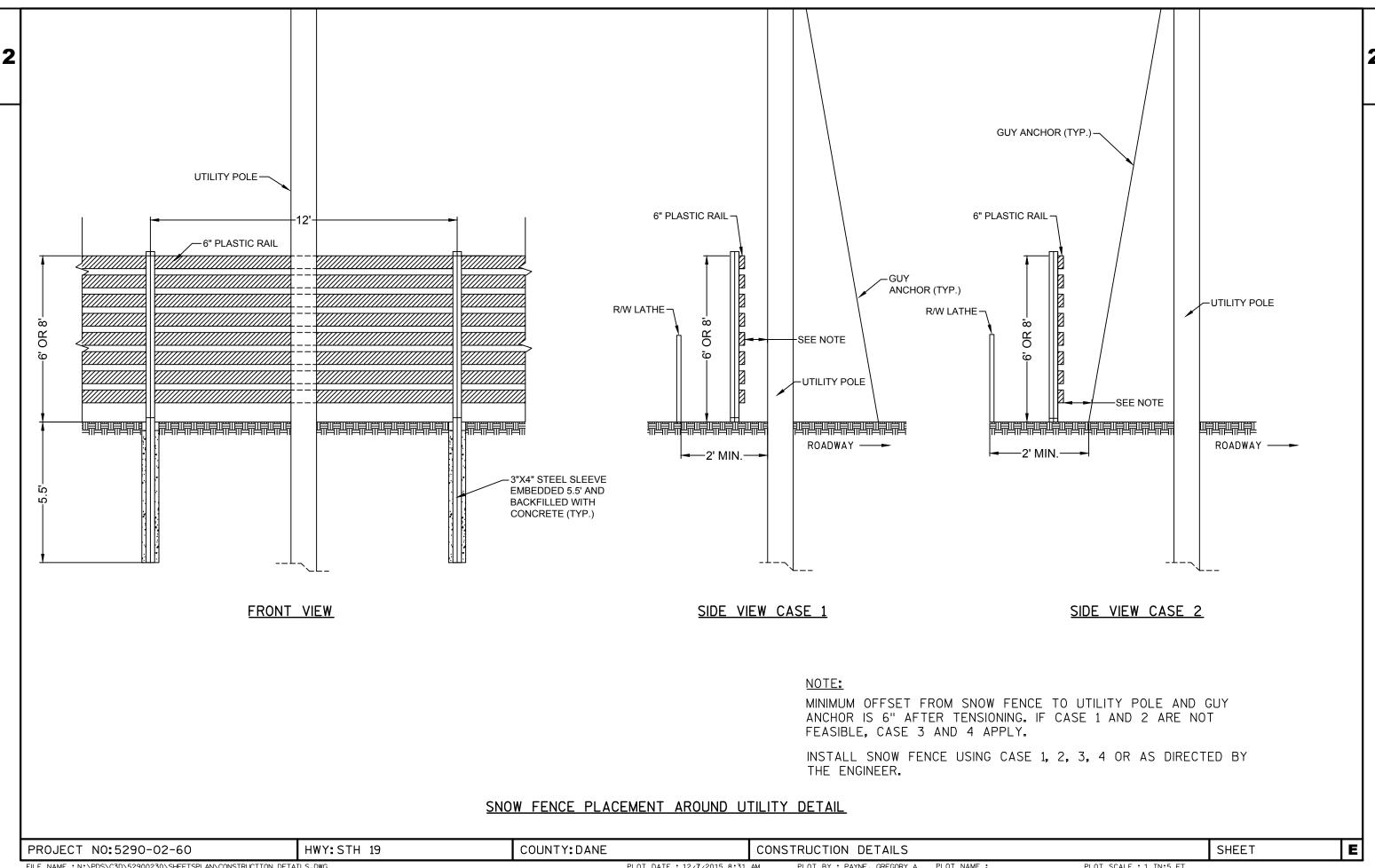
PROJECT NO:5290-02-60 COUNTY: DANE E HWY: STH 19 GENERAL NOTES SHEET

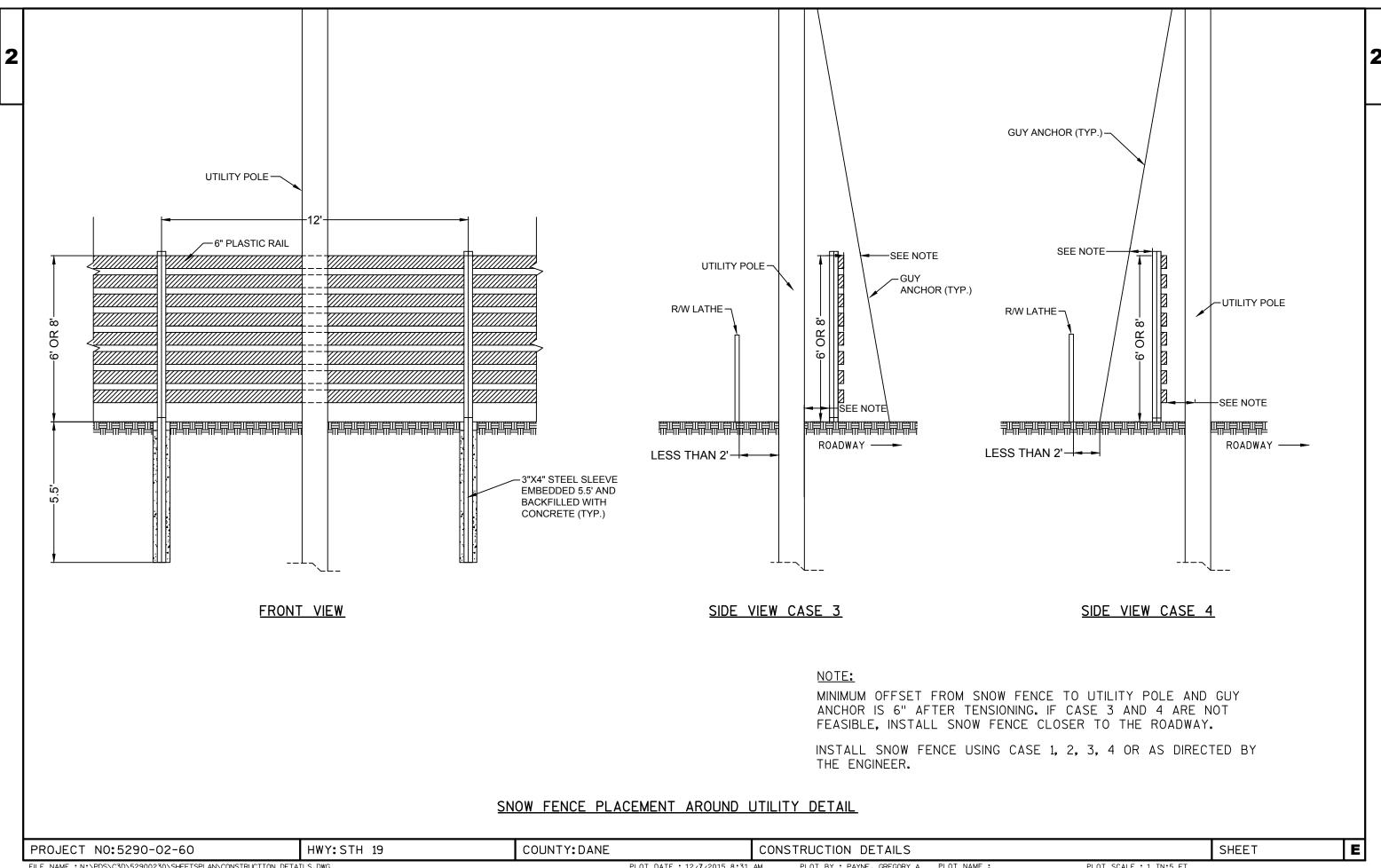
FILE NAME : N:\PDS\C3D\52900230\SHEETSPLAN\020101\_GN.DWG PLOT DATE: 12/7/2015 8:54 AM PLOT BY : PAYNE, GREGORY A PLOT NAME : PLOT SCALE : 1 IN:200 FT WISDOT/CADDS SHEET 42

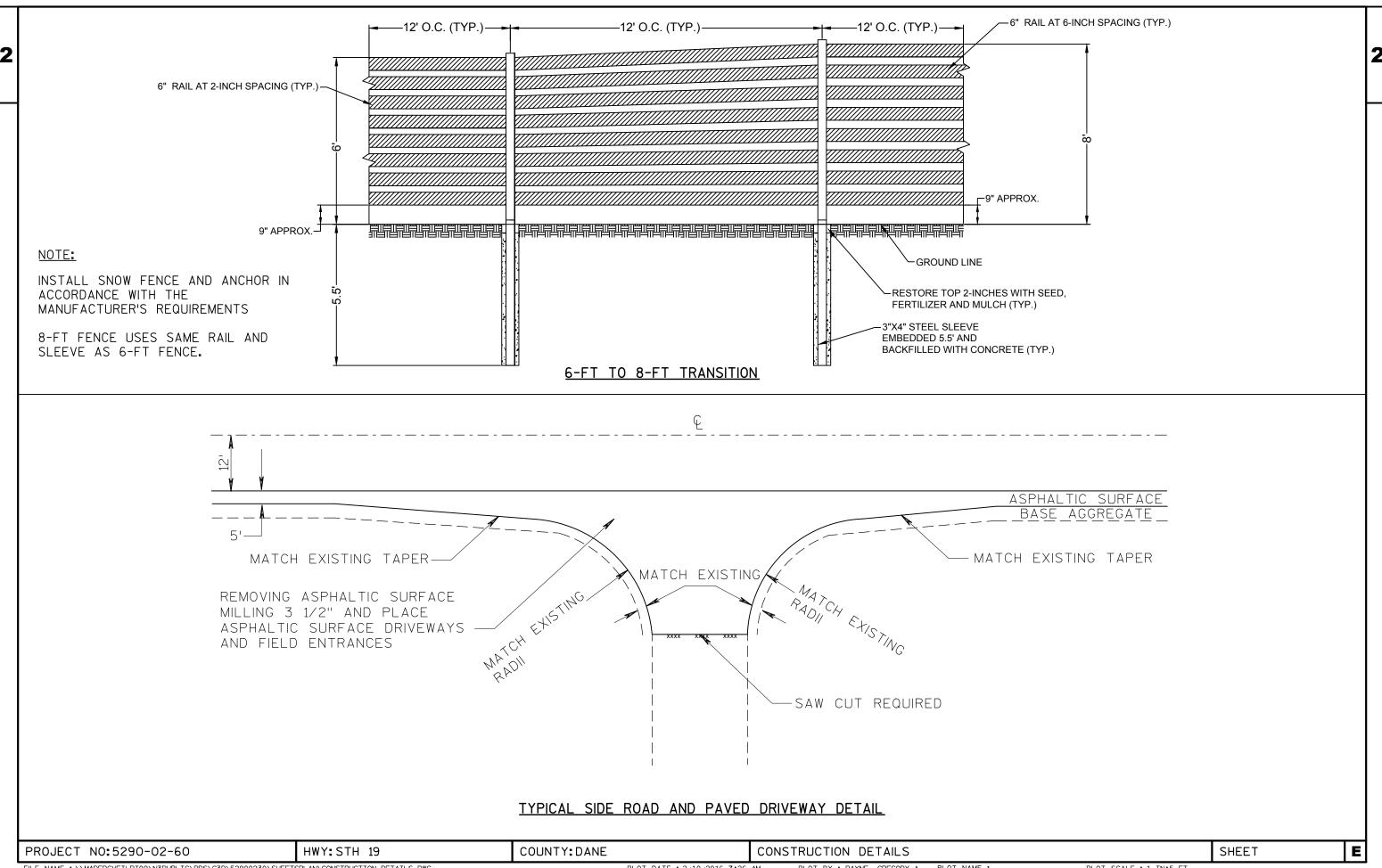


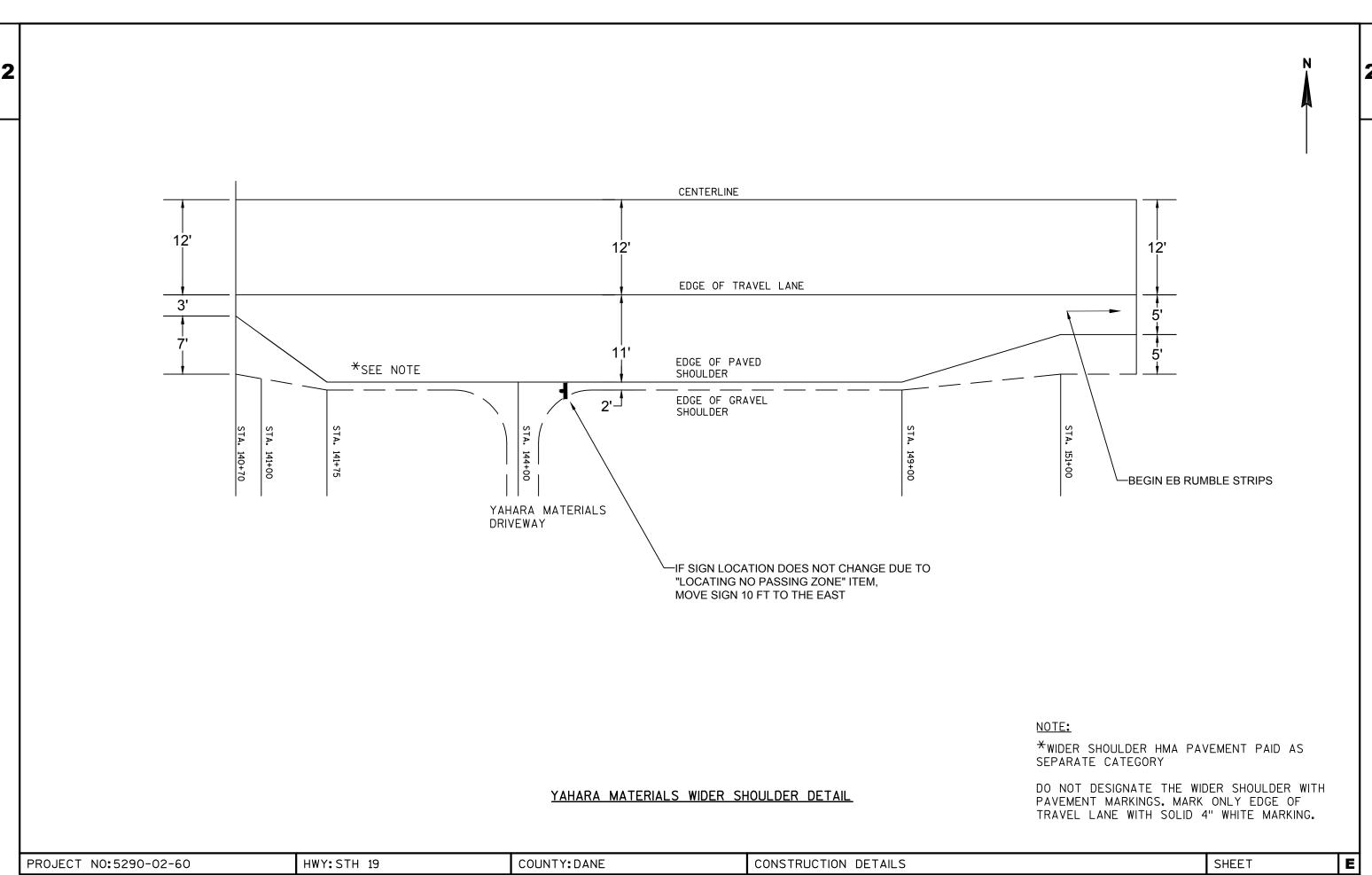


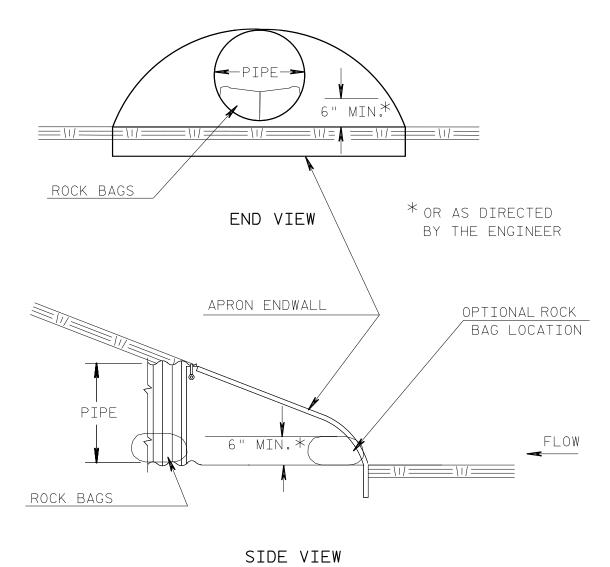








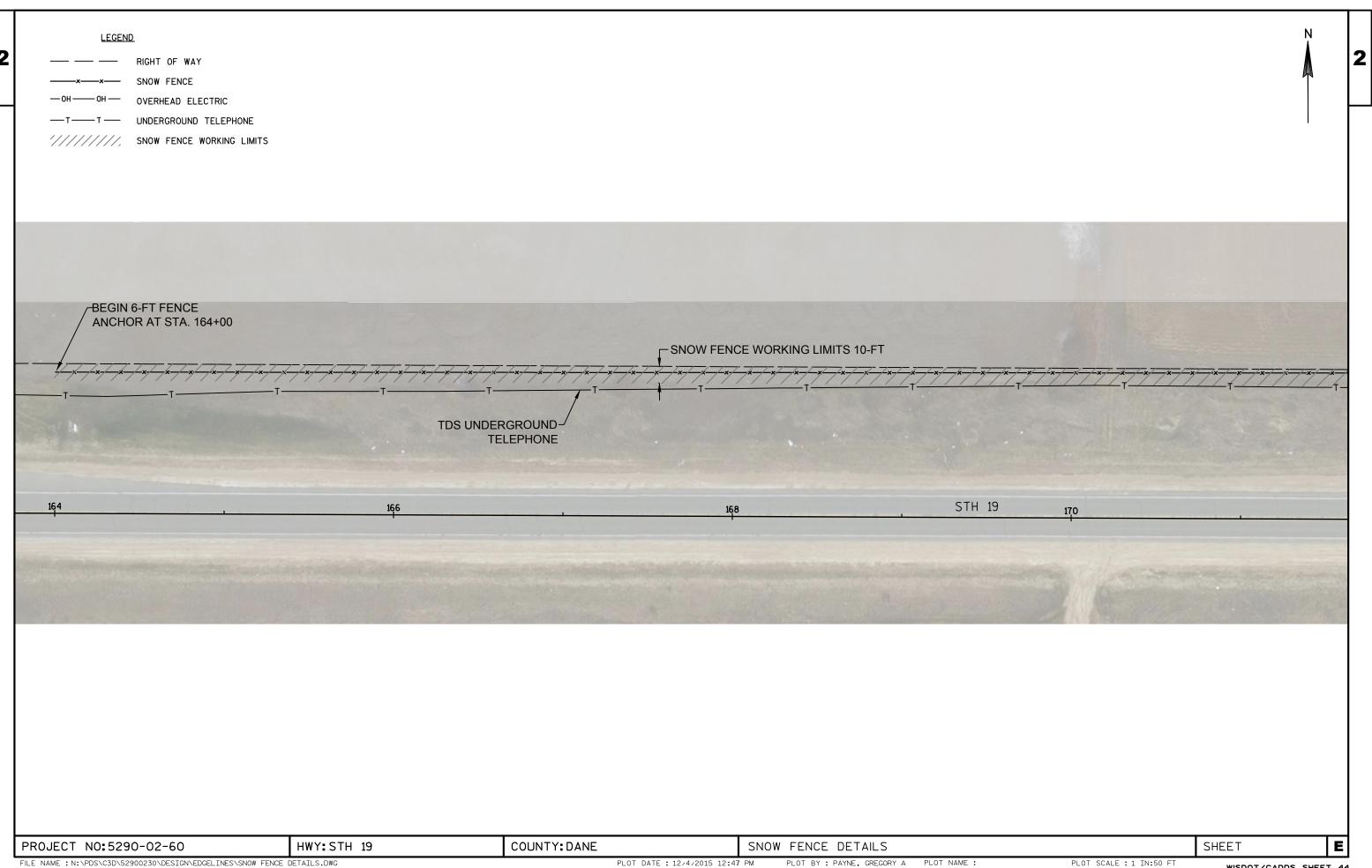


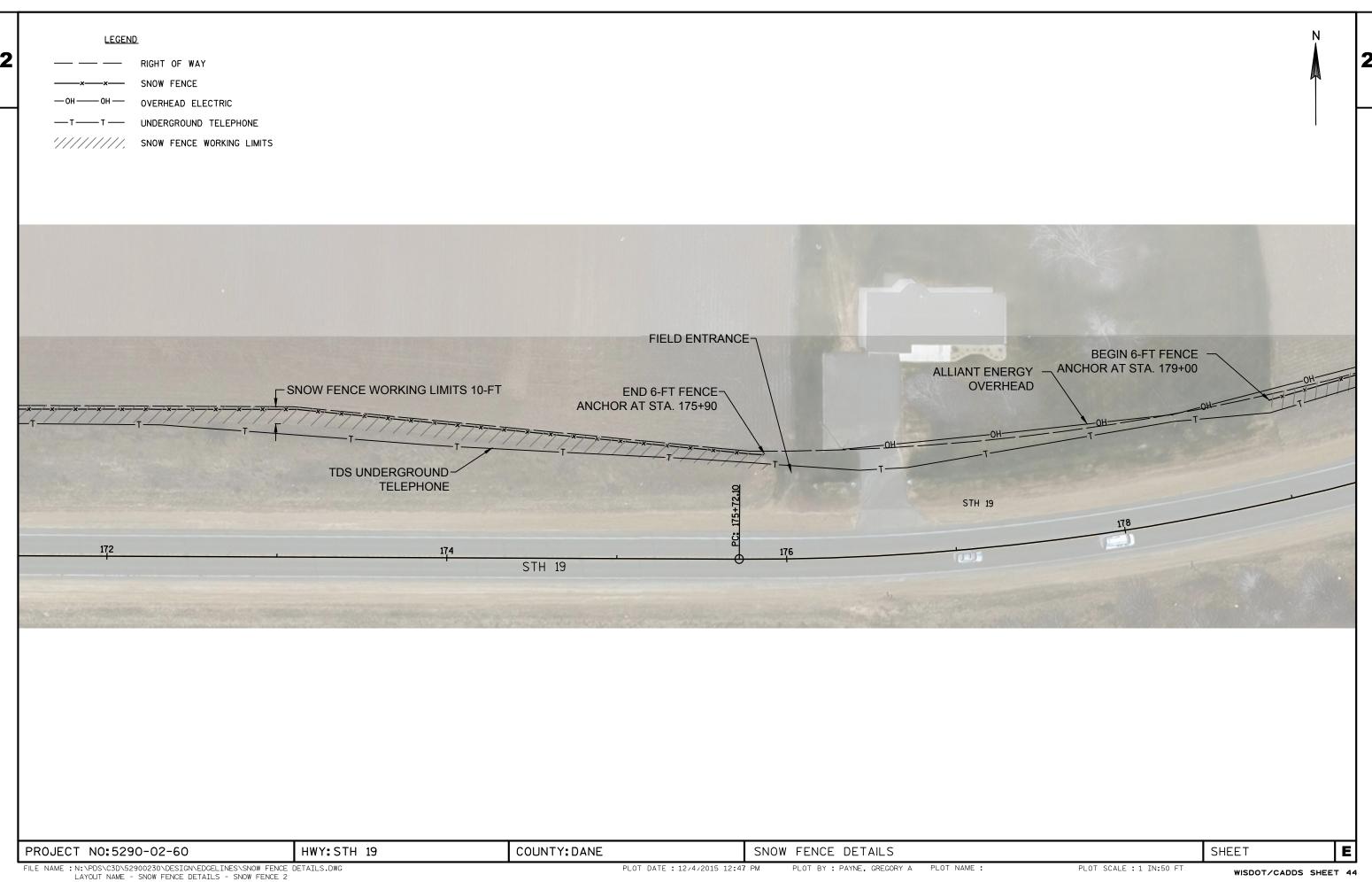


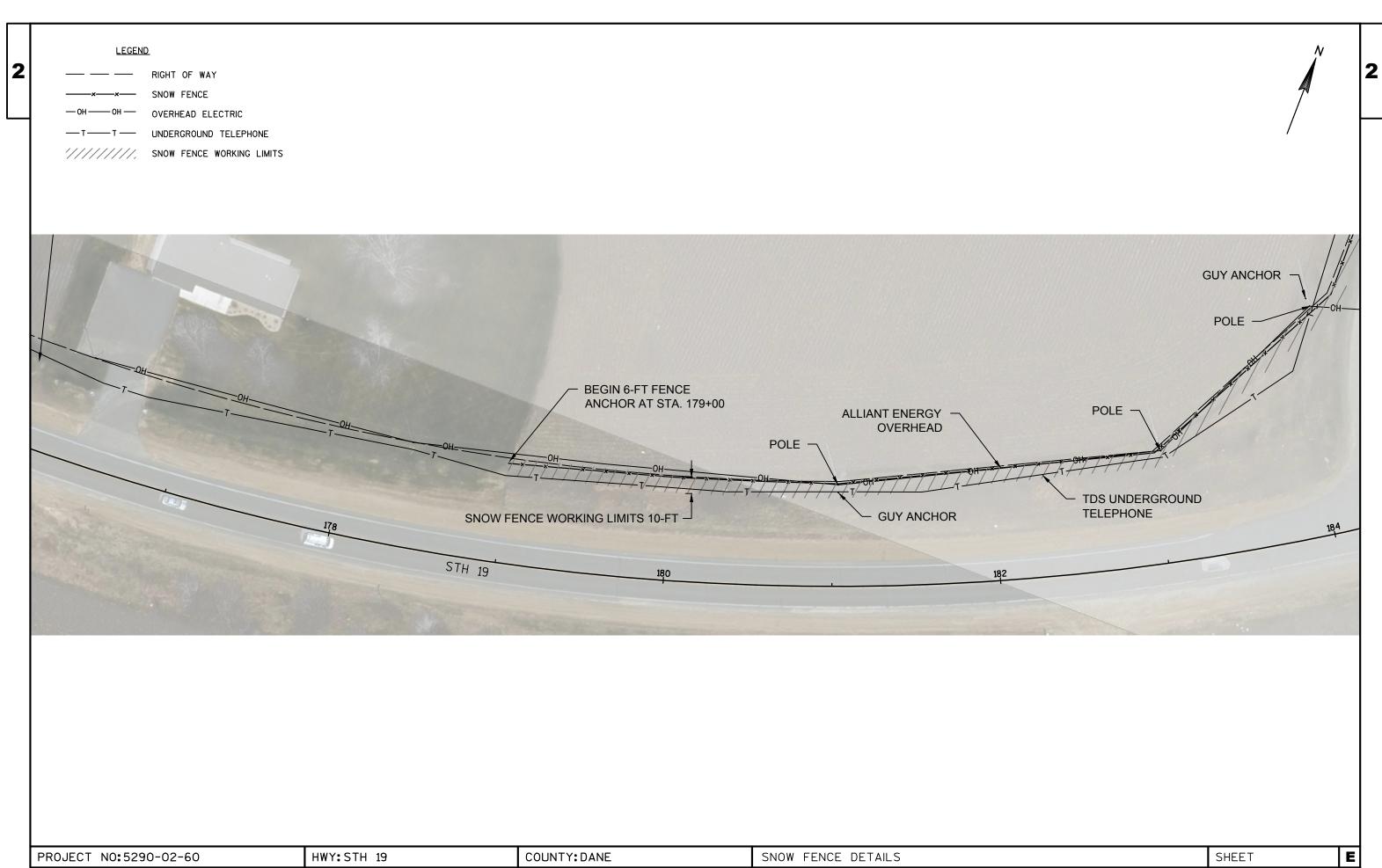
ESTIMATED BA	G SIZE = 18" X 12" X 6"
PIPE SIZE	ESTIMATED NO. OF BAGS
12"	1
15"	2
18"	2
21"	3
14" X 23"	3
24"	3
27"	4
30"	5
19" X 30"	5
36"	7
24" X 38"	8
42"	8
29" X 45"	10
48"	10
34" X 53"	10
38" X 60"	13
60"	13
66"	15
53" X 83"	19

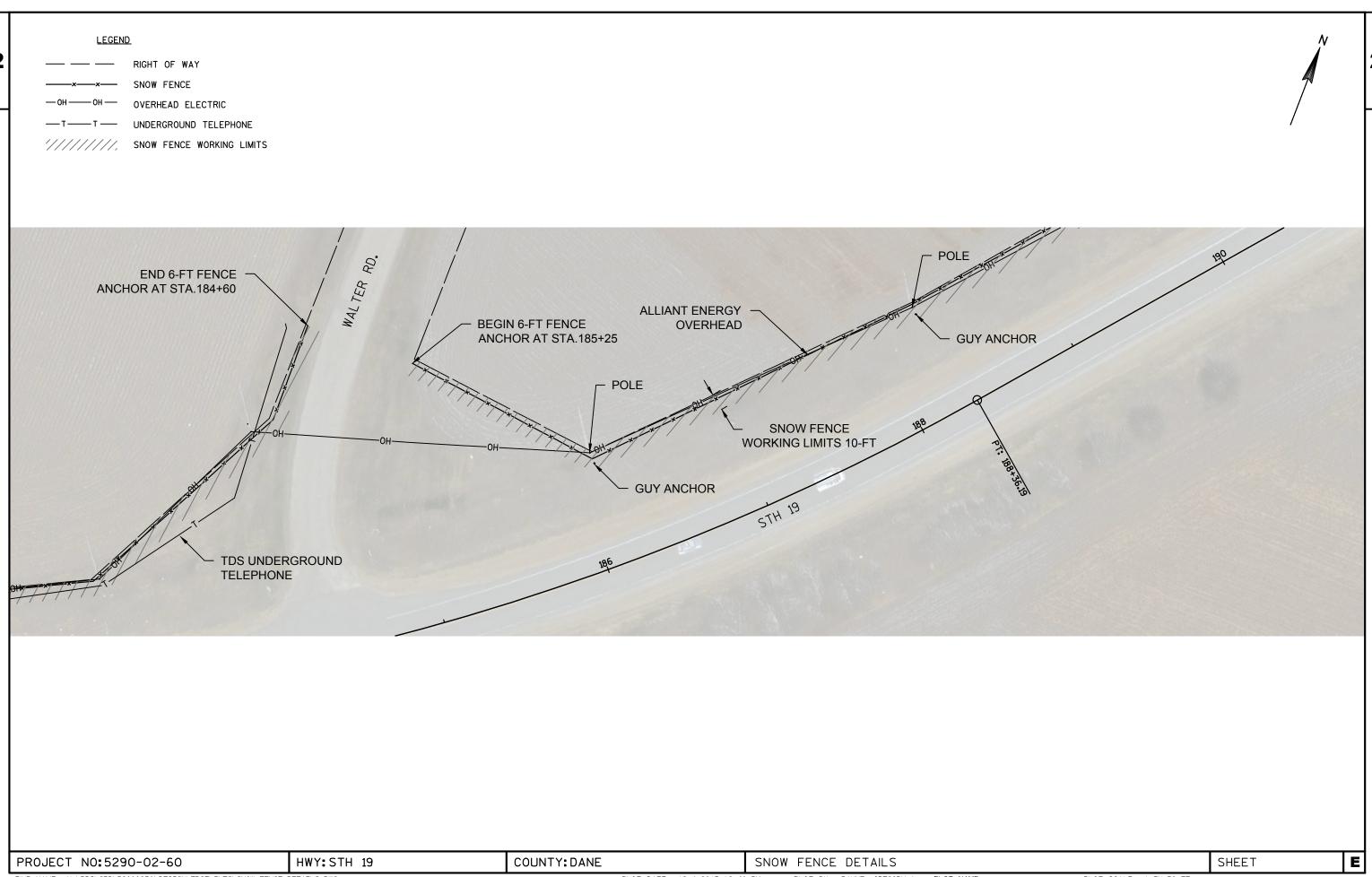
CULVERT PIPE CHECKS

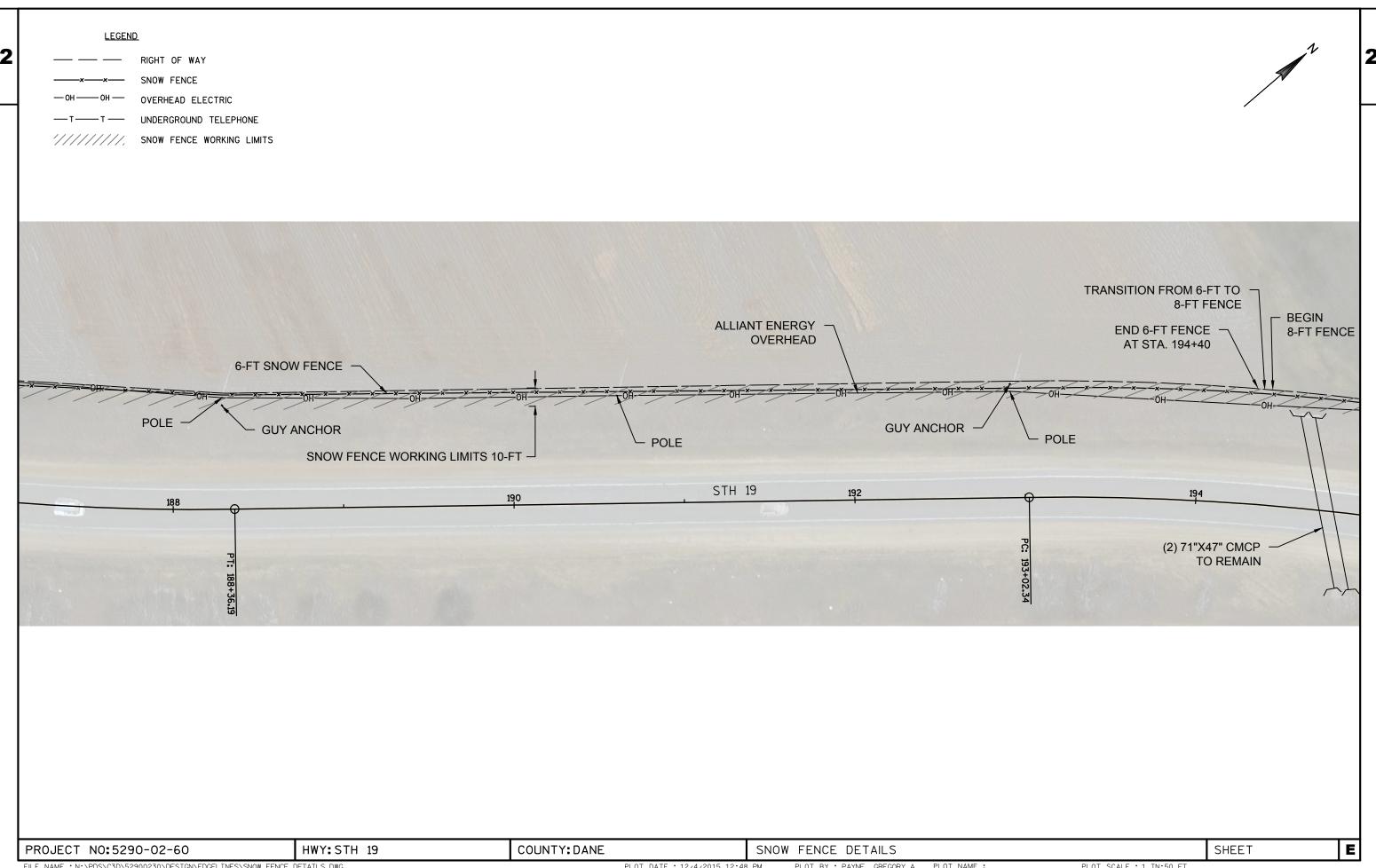
HWY:STH 19 PROJECT NO:5290-02-60 COUNTY: DANE CONSTRUCTION DETAILS SHEET E

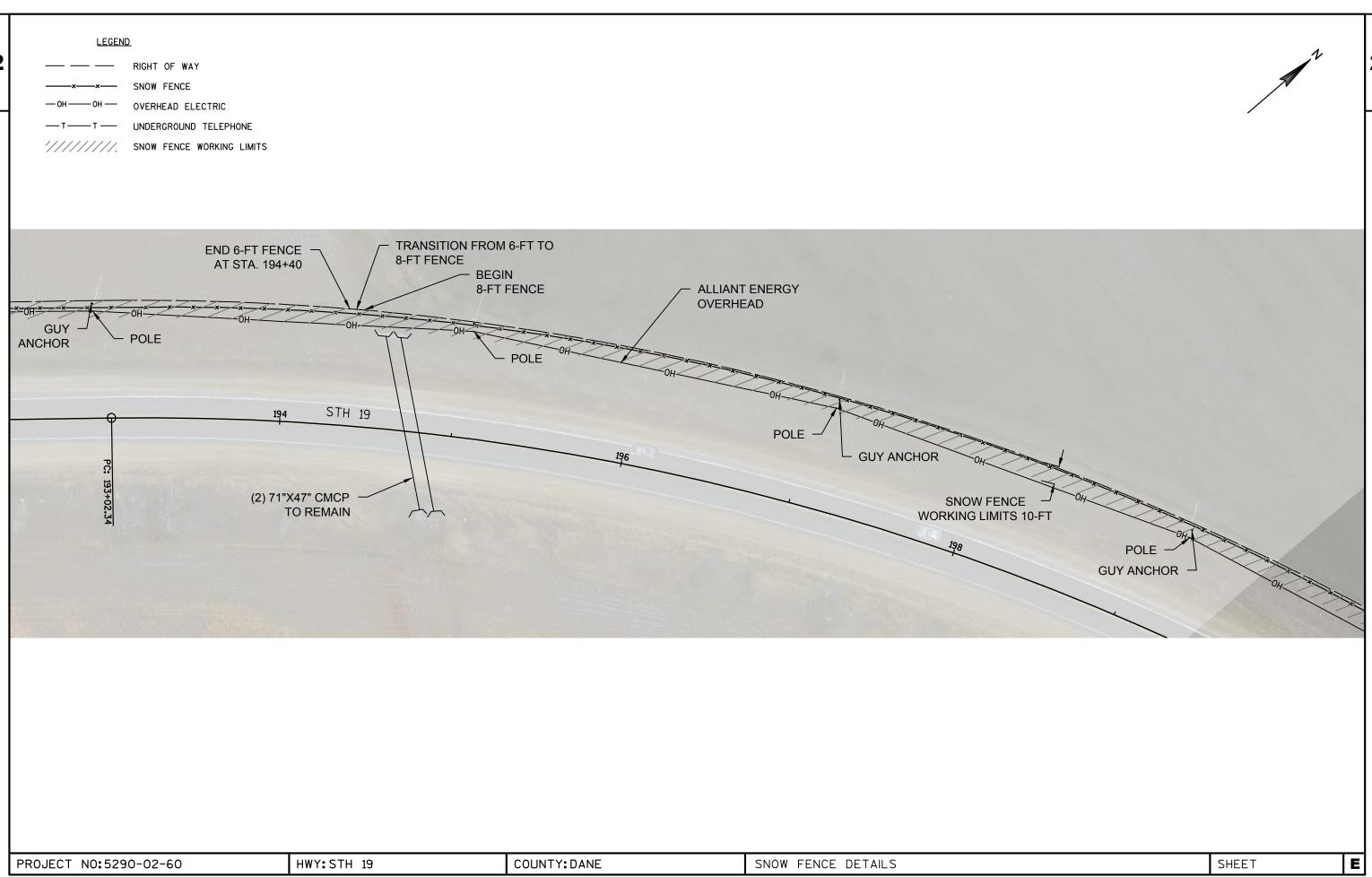






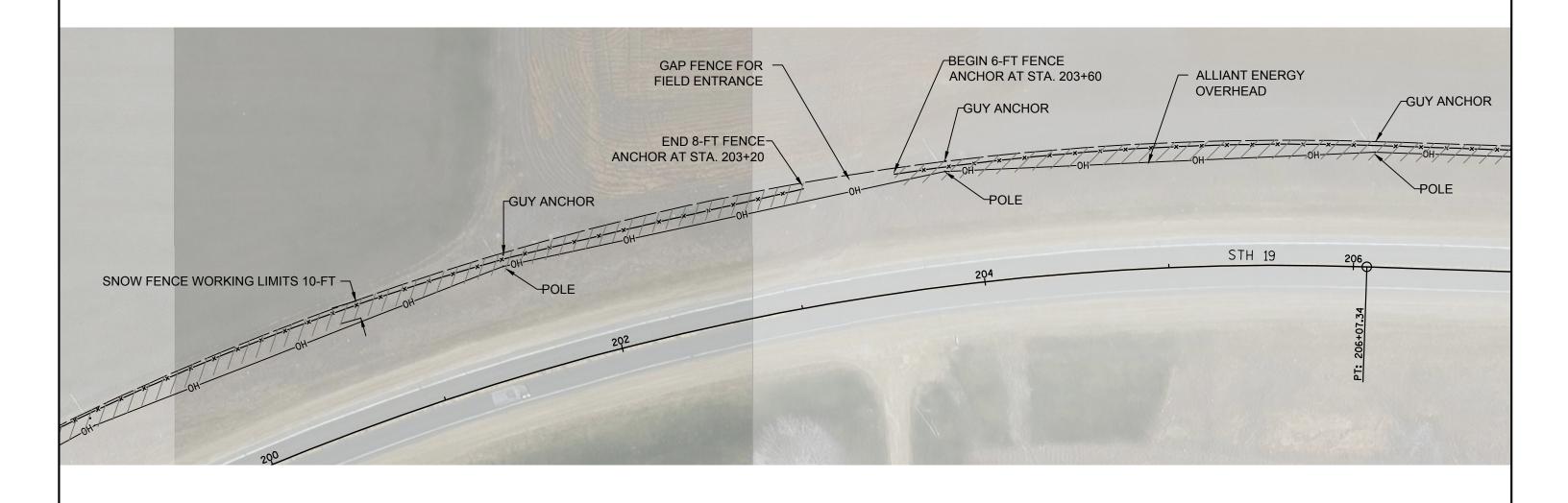


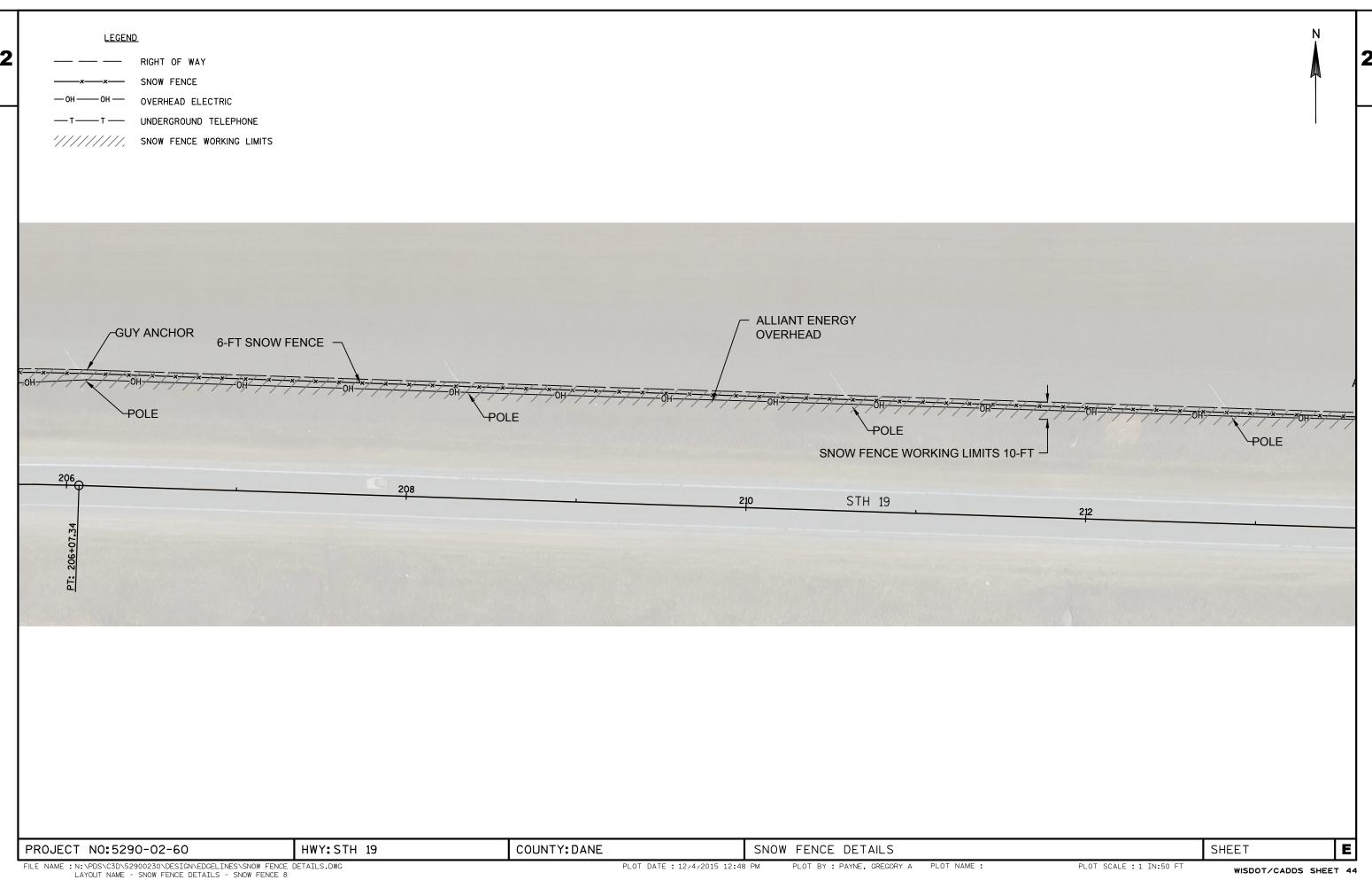


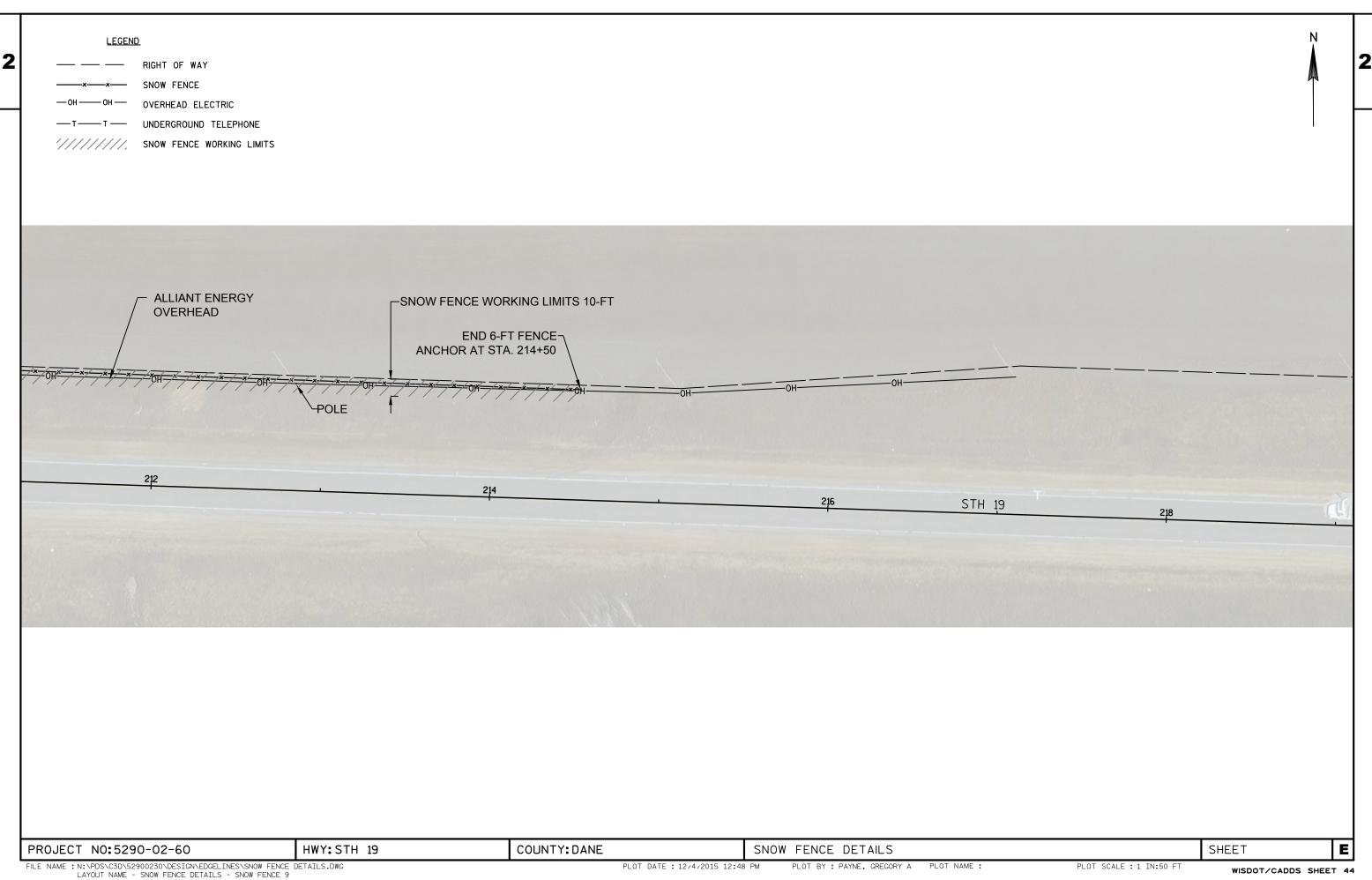


/////// SNOW FENCE WORKING LIMITS



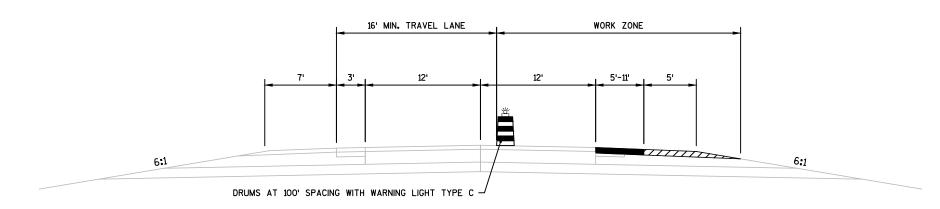






NOTES

MIRROR STAGE 1 AND 2 TYPICAL SECTIONS FOR OPPOSITE SIDE WORK.



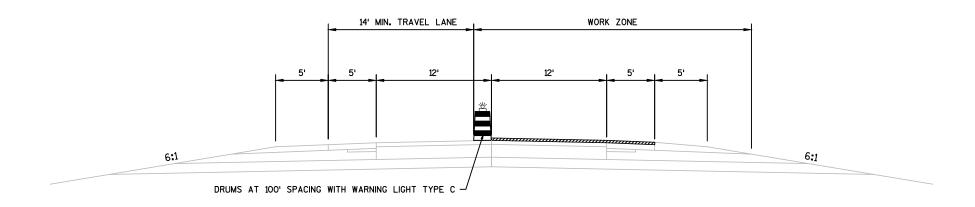
STAGE 1 STA. 141+00 - STA. 235+20

#### CONSTRUCTION ACTIVITY

MILL, ASPHALT SHOULDER, AGGREGATE SHOULDER

PRIMARY TRAFFIC CONTROL

NIGHTTIME FLAGGING OPERATION



STAGE 2 STA. 173+00 - STA. 208+50 CONSTRUCTION ACTIVITY

SEALING SURFACE CRACKS AND INTALLING SURFACE FRICTION TREATMENT

PRIMARY TRAFFIC CONTROL

PLOT SCALE : 1 IN:10 FT

NIGHTTIME FLAGGING OPERATION

PROJECT NO:5290-02-60

COUNTY: DANE

TRAFFIC CONTROL - STAGING SECTIONS

SHEET

HWY: STH 19

E

#### **LEGEND**

SIGN ON PORTABLE OR PERMANENT SUPPORT



DIRECTION OF TRAFFIC



WORK AREA

48" X 24" END ROAD WORK G20-2A

ROAD

WORK

AHEAD

W20-1

RUMBLE

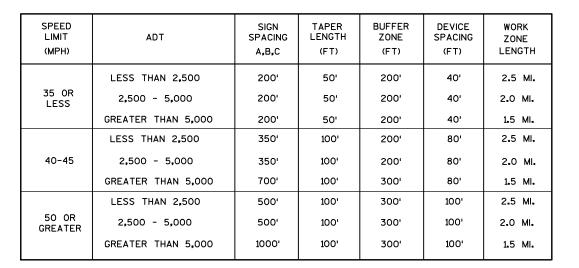
STRIPS

AHEAD



FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

1



BE **PREPARED** TO STOP

USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7g AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.

RUMBLE

STRIPS

AHEAD

WORK

AHEAD

W21-65

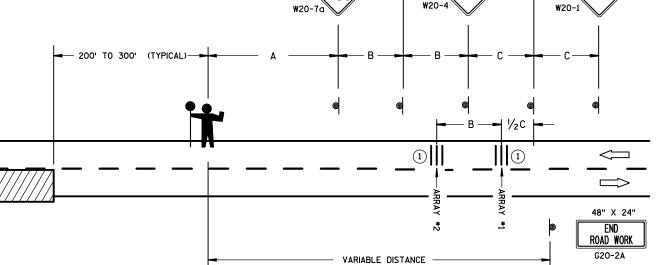
ROAD

AHEAD

BE

PREPARED

TO STOP,



# TRAFFIC CONTROL FOR LANE **CLOSURE TEMPORARY RUMBLE STRIPS**

WORK AREA

## **GENERAL NOTES**

-200' TO 300' (TYPICAL) →

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

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

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS APPROVED BY THE ENGINEER.

INSTALL TEMPORARY RUMBLE STRIPS PER MANUFACTURER'S RECOMMENDATIONS.

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

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, REMOVE TEMPORARY RUMBLE STRIPS AND COVER OR REMOVE ALL TEMPORARY TRAFFIC

COSTS FOR FLAGGING AND GUIDANCE SERVICES, AND SIGNS ASSOCIATED WITH FLAGGING AND GUIDANCE, ARE INCIDENTAL TO THE CONTRACT.

EACH RUMBLE STRIP ARRAY CONSISTS OF THREE RUMBLE STRIPS SPACED 8 - 10 FEET CENTER TO CENTER, PLACED TRANSVERSE ACROSS THE LANE AT LOCATIONS SHOWN.

# TEMPORARY PORTABLE RUMBLE STRIP ARRAY

PROJECT NO:5290-02-60 HWY: STH 19 COUNTY: DANE

- VARIABLE DISTANCE -

|||

ROAD

AHEAD

w20-4

BE

PREPARED

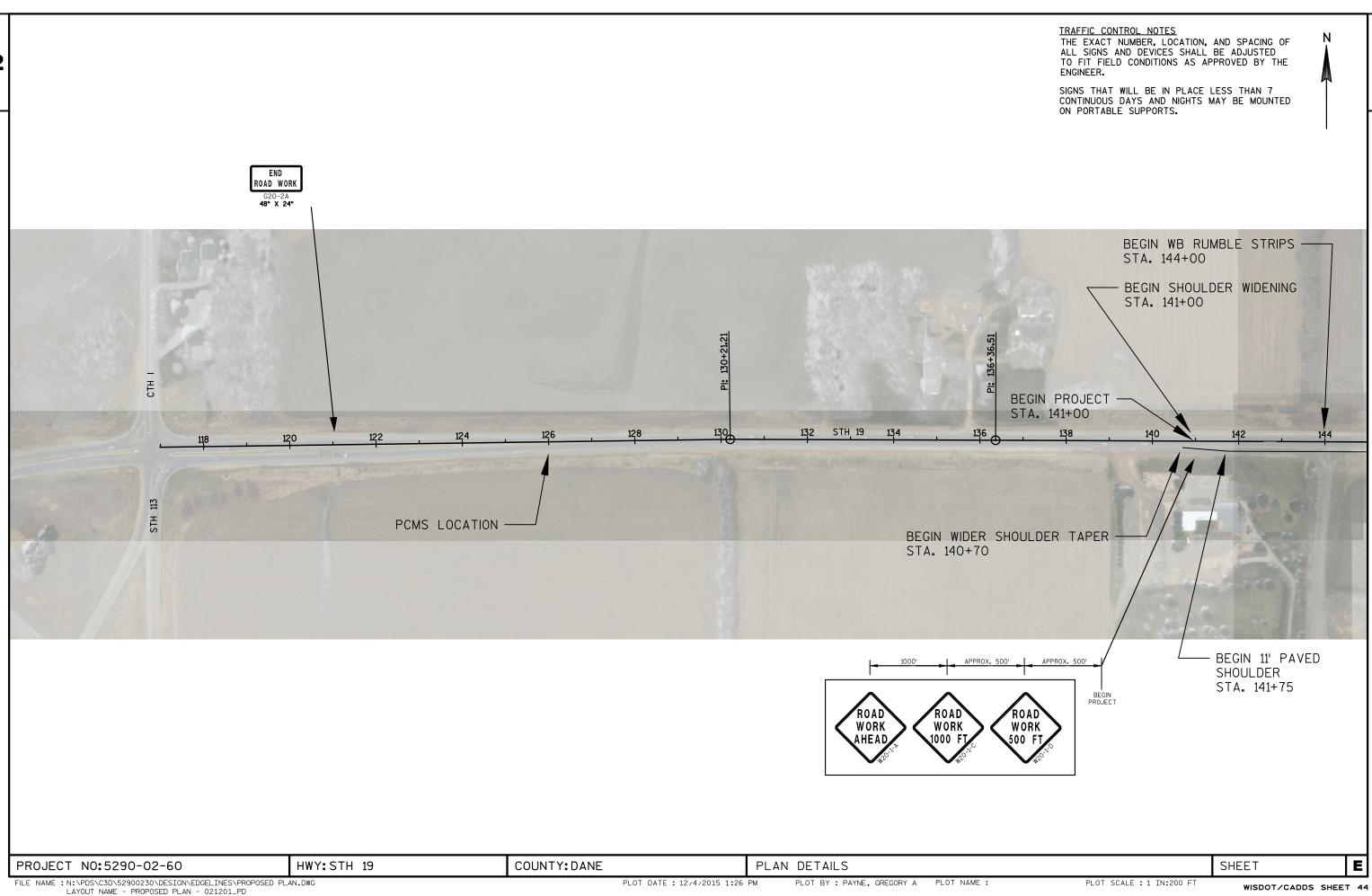
TO STOP

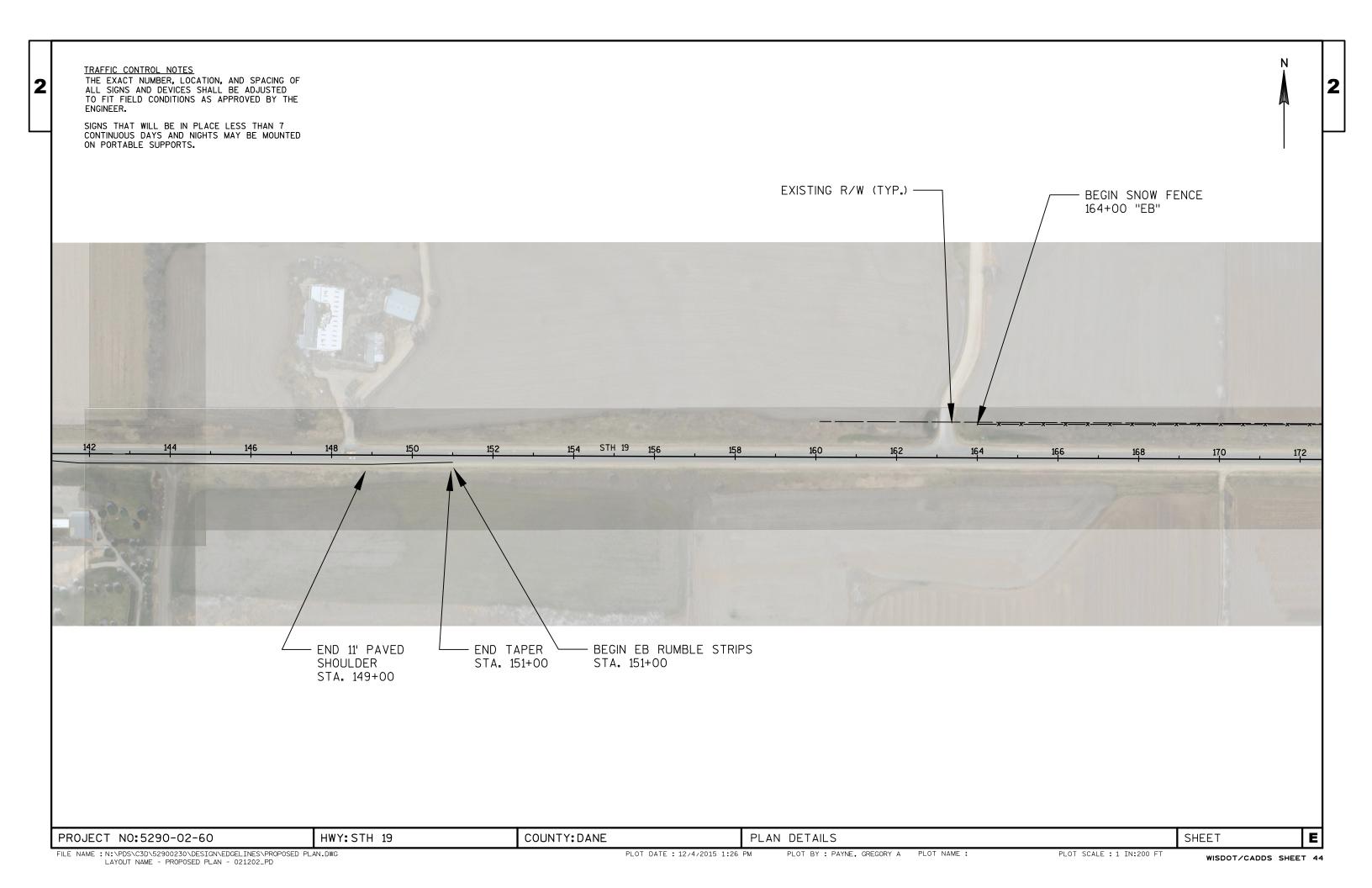
TRAFFIC CONTROL - TEMPORARY PORTABLE RUMBLE STRIP ARRAY

PLOT BY : PAYNE, GREGORY A PLOT NAME :

SHEET

Ε





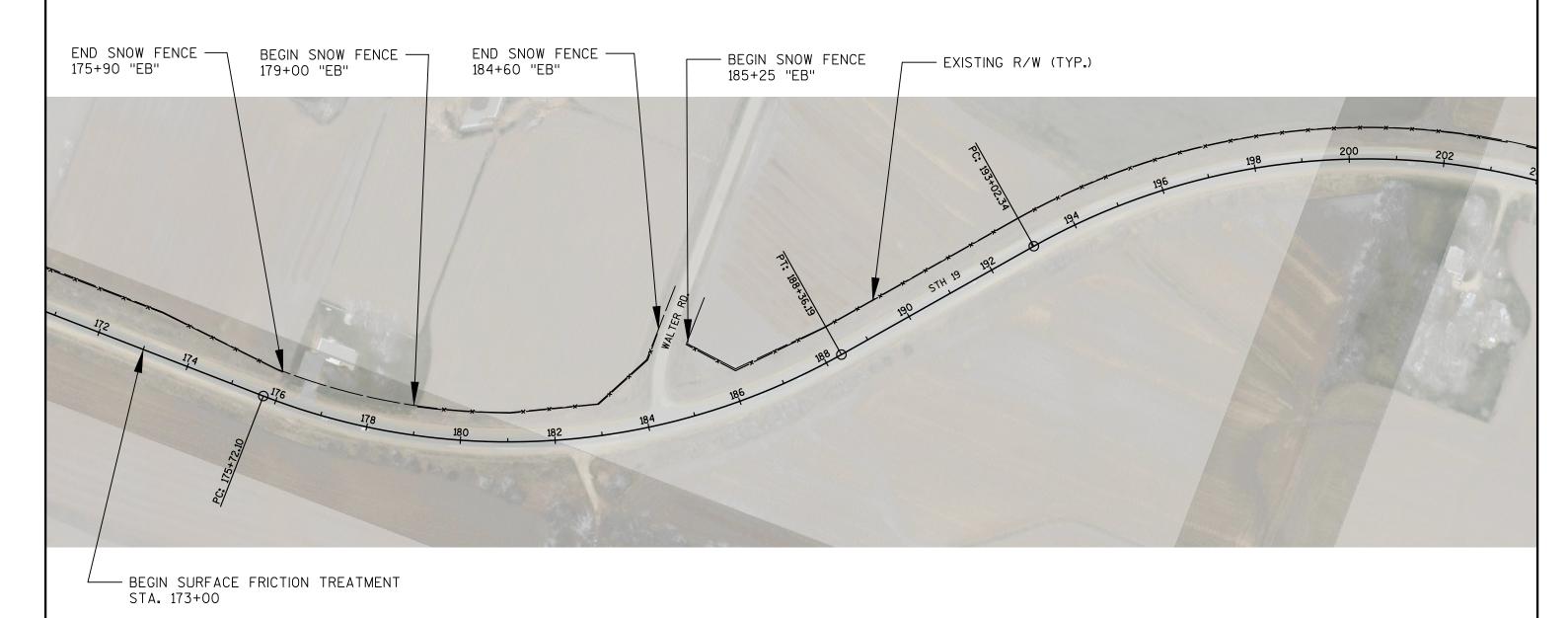


TRAFFIC CONTROL NOTES

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

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





FILE NAME : N:\PDS\C3D\52900230\DESIGN\EDGELINES\PROPOSED PLAN.DWG LAYOUT NAME - PROPOSED PLAN - 021203\_PD

PROJECT NO:5290-02-60

HWY: STH 19

PLOT DATE : 12/4/2015 1:26 PM

COUNTY: DANE

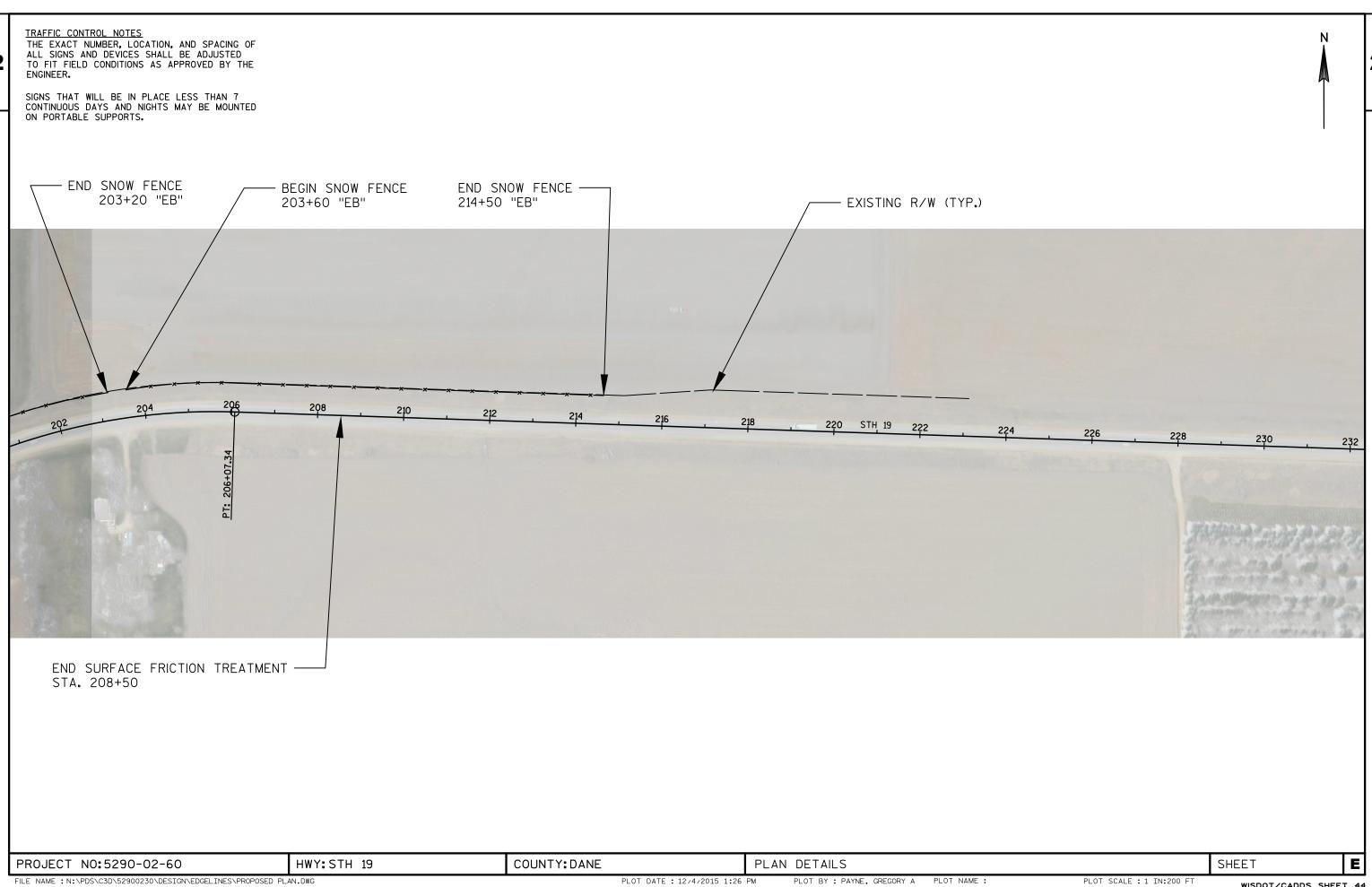
PLOT BY : PAYNE, GREGORY A PLOT NAME :

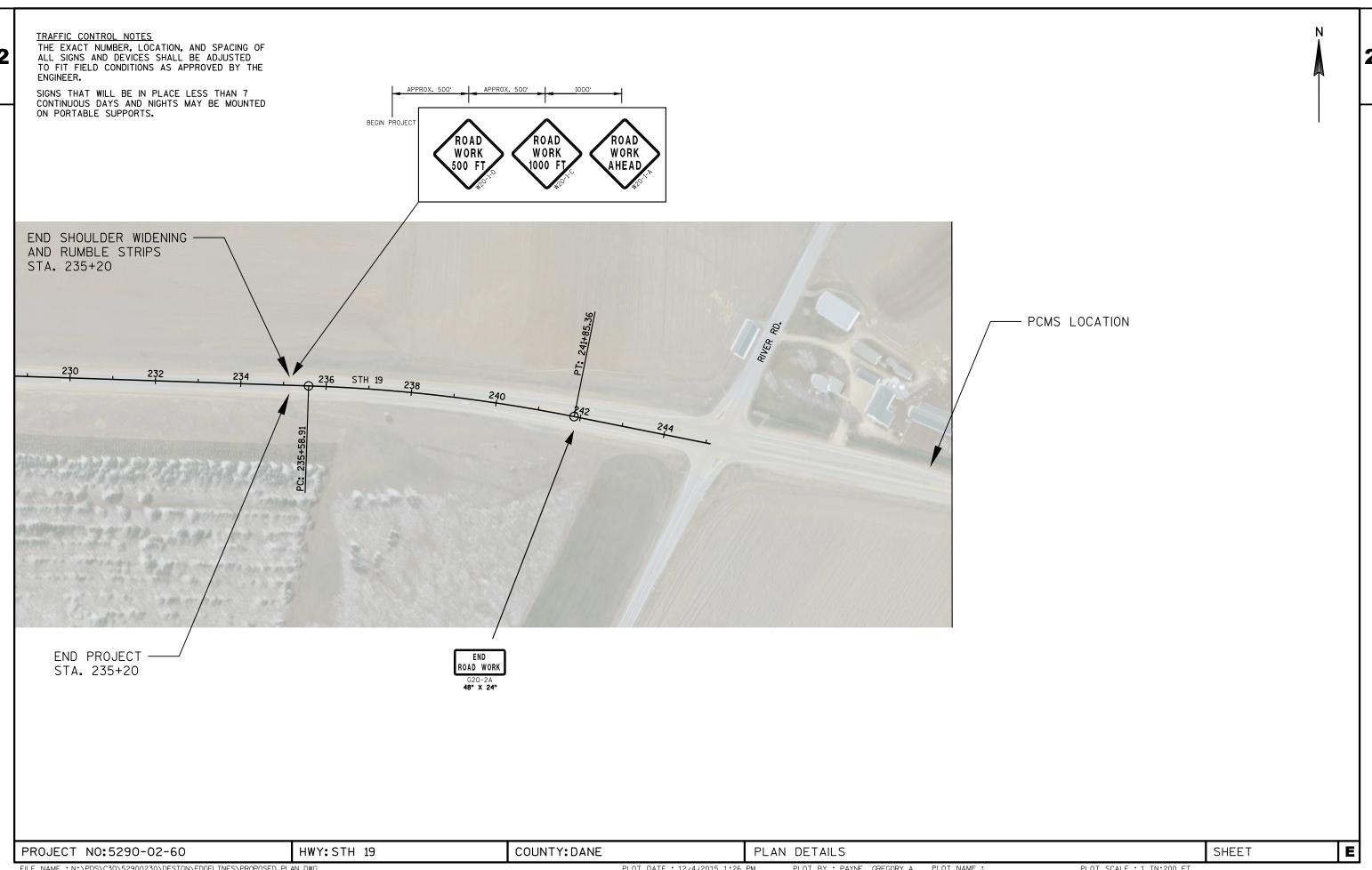
PLAN DETAILS

PLOT SCALE : 1 IN:200 FT

E

SHEET





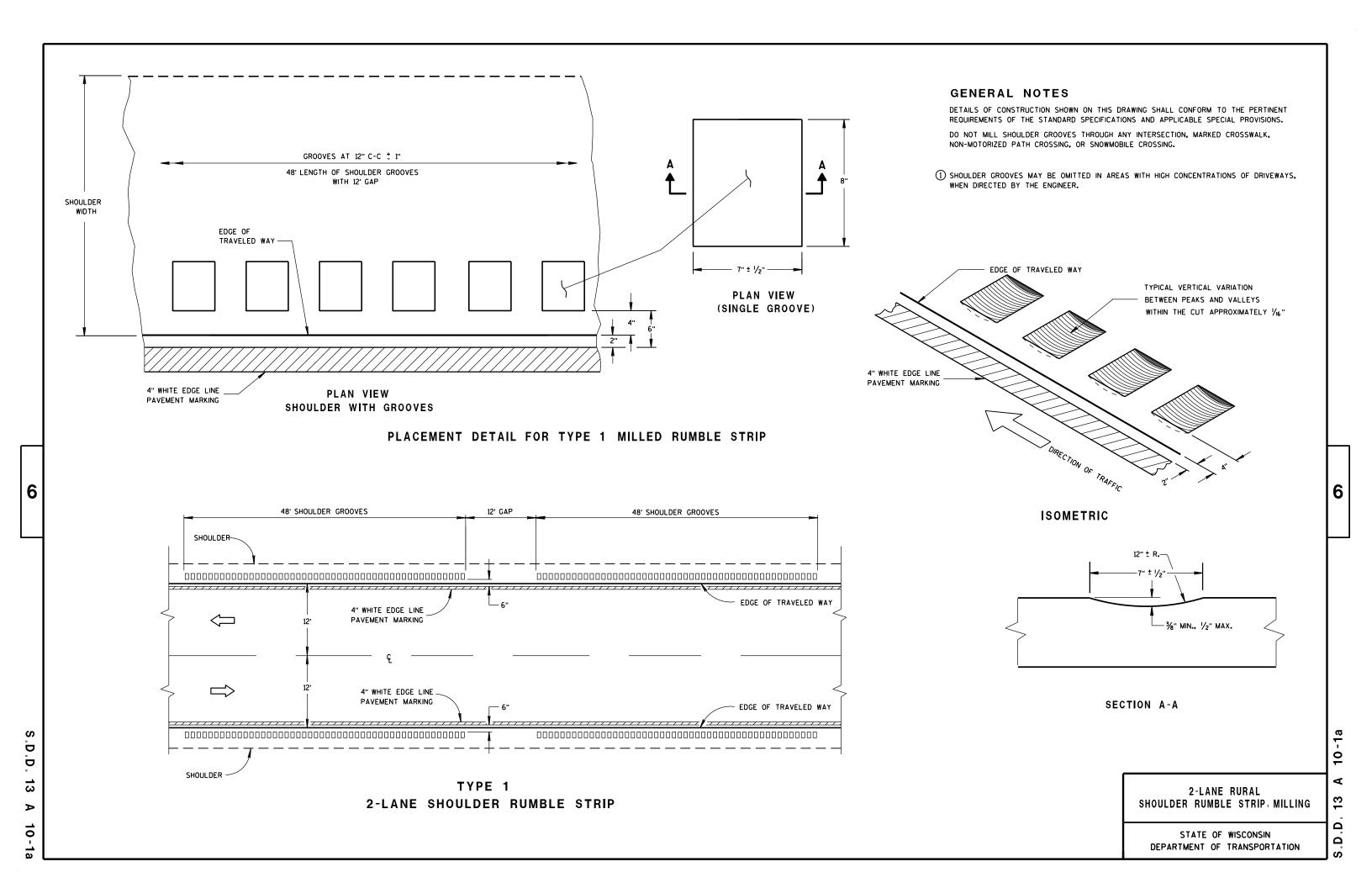
						SNOW FENC	E ITEMS						
			625.0500 SALVAGED TOPSOIL	<b>627.0200</b> MULCHING	<b>629.0205</b> FERTILIZER TYPE A	630.0130 SEEDING MIXTURE NO. 30	SPE (01. FL COMPO	090.01 ECIAL EXIBLE SITE RAIL NCE 6-FT)	SPV.0090.02 SPECIAL (02. FLEXIBLE COMPOSITE RAIL SNOW FENCE 8-FT)	* CLASS II ANCILLARY CONCRETE			
	STATION TO STATION	LOCATION	SY	SY	CWT	LB		.F	LF	CY	REM	ARKS	
<b>3</b>	179+00 - 184+60 M 185+25 - 194+40 M 194+40 - 203+25 M	IAINLINE LT IAINLINE LT IAINLINE LT IAINLINE LT IAINLINE LT	529 260 422 400 489	529 260 422 400 489	0.3 0.2 0.3 0.3	10 5 8 7 9	5 9	190 85 50	900	14 7 12 11 13	* INCIDENTA SPV.0090.01 AN		
		TOTAL	2100	2100	1.4	38	38	325	900	57			
					<u>A</u>	SPHALT SHO	DULDER ITEMS						
	CATEGORY STATION TO S	STATION	LOCATION	204.0120 REMOVING ASHPALTIC SURFACE MILLING SY	PRE FOUNI FOR AS SHOU	.0400 PARE DATION PHALTIC ILDERS	<b>455.0605</b> TACK COAT GAL	460.5224 HMA PAVEMENT 4 LT 58-28 S	BLIMBLE CIBIDS		REMARKS		
	0010 141+00 - : 0010 141+00 - : 0010 144+00 - :	235+20 235+20 235+20 235+20	MAINLINE RT MAINLINE LT MAINLINE RT MAINLINE LT	3140 3140	ç	95 95	220 220	1026 1026	9120 9120				
	0020 141+00 -	151+00	TOTAL 0010  MAINLINE RT	6280	1	90	440	2052 145	18240	WIDER SHOULD	ER AT YAHARA MA	TERIALS DRIVEWAY	
			TOTAL 0020	0		0	0	145	0				
					FRICTIO	ON SURFACE	TREATMENT IT	EMS					
	ASPHALTIC SURFACE DRIVEWAYS AND FIELD E	ENTRANCES 465.0120					<b>492.201</b> SEALING CI AND JOINTS	RACKS	SPV.0180.01 SPECIAL 01. ASPHALTIC		BASE AGGI	REGATE DENSE 3/4-INCH	305.0110
_	STATION TO STATION LOCATION	TON					HOT-APP	LIED	ENHANCED FRICTION SURFACE TREATMENT	STATION	TO STATION	LOCATION	TON
	148+15 - 148+70 DRIVEWAYLT 162+80 - 163+65 DRIVEWAYLT	9 42	STATION	TO STATION	LOCA	TION	SEALAI GAL	N I	SY	141+00	- 235+20 - 235+20	MAINLINE RT MAINLINE LT	1018 1018
	176+40 - 176+85 DRIVEWAY LT	9	173+00	- 208+50	MAINL	INE	270		13412		-	TOTAL	2036
	TOTAL	60			TOT	AL	270		13412	:			
			l	NOTE: AL	L ITEMS ARE	E CATEGOR	RY 0010 UNLE	SS OTHERW	/ISE NOTED				
PR	OJECT NO: 5920-02-60	HWY: STH19		COUN	TY: DANE			ISCELLANFO	DUS QUANTITIES			SHEET:	

PAVEMENT MARKING ITEMS												LOCATING N	O-PASSING ZONES			
-					646.0106  PAVEMENT  MARKING  EPOXY 4-INCH  (WHITE)	646.0106  PAVEMENT  MARKING  EPOXY 4-INCH  (YELLOW)	TEM RAISED MAI (YE	9.2100 IPORARY PAVEMENT RKERS ELLOW)	646.0690.S REMOVING PAVEMENT MARKINGS WATER BLASTING				<u>STATION TO</u> 141+00 -	STATION 235+20	LOCATION  MAINLINE  TOTAL	648.0100 MI 2
STATIC	N 7	TO	STATION	LOCATION	LF	LF	E	EACH	LF		REMARK	<u>S</u>		CAVAU	NG ASPHALT	
141+0	0	-	173+00	MAINLINE	6400	4643								SAWII	NG ASPRALI	
173+0		-	208+50	MAINLINE	7100	6529		284				AT 6 INCHES SIDE BY ONG CENTERLINE	STATION TO	STATION	LOCATION	690.0150 LF
208+5	U	-	235+20	MAINLINE UNDISTRIBUTED	5340	3047			50				148+15 -	148+70	DRIVEWAYLT	55
				TOTAL	18840	14219		284	50				162+80 - 176+40 - 184+10 -	163+65 176+85 184+60	DRIVEWAY LT DRIVEWAY LT WALTER DR	85 45 50
						TRAFFIC C	ONTROL IT	<u>'EMS</u>							TOTAL	235
	643.0300 643.0715  TRAFFIC CONTROL  CONTROL					TIC ROL	643.0900 TRAFFIC CONTROL	643.1050 TRAFFIC CONTRO	SPE0 TEMI	0060.01 CIAL (01. PORARY			CONSTRUCT	ION STAKING ITEMS		
STATI	ON	то	) STATION	LOCATION	DRUMS DAY	WARNI LIGHTS T DAY	YPE C	SIGNS DAY	SIGNS PCI DAY	MS PORTAB STRIF	LE RUMBLE PARRAY) ACH	REMARKS			650.8000 CONSTRUCTI	650.9910 CONSTRUCTION STAKING
141+ 173+ 141+ 164+	00 00	-	235+20 208+50 235+20 214+50	MAINLINE LT & R' MAINLINE LT & R' MAINLINE LT & R' WB SHOULDER	T 160 T 220	880 160 220						STAGE 1 STAGE 2 RUMBLE STRIPS SNOW FENCE	STATION TO STATIC	DN LOCATION	STAKING RESURFACIN REFERENC N LF	G SUPPLEMENTAL
141+		-	005.00	MAINLINE LT & R		500		320	100		4	PROJECT WIDE	141+00 - 235+2	0 MAINLINE	9420	1
				TOTAL	1805	1760	)	320	100	<del></del>	4	=		TOTAL	9420	1
PERMANENT SIGNING							T SIGNING I	<u>SITEMS</u>					EROSION CONTROL ITEMS			
			5	STATION LOCA	I WO INC	POSTS	38.2102 MOVING NS TYPE II EACH	638.3000 REMOVIN SMALL SIG SUPPORT EACH	G GN	REMARKS					628.2004 EROSION MAT CLASS I TYPE B	628.7555 CULVERT PIPE CHECKS
				144+25 MAINLI		1	1	1	NO F	PASSING ZONE S			LC	CATION	SY	EACH
				UNDISTE		2	2	2		ASSING ZONE SI			UNDIS	STRIBUTED	50	50
				TO	TAL	3	3	3					7	ΓΟΤΑL	50	50
							NOTE:	ALL ITEMS A	RE CATEGOR	Y 0010 UNLES	S OTHERW	ISE NOTED				
PROJECT NO: 5920-02-60 HWY: STH19						9		COUNTY: DA	NE		MISCELLA	NEOUS QUANTITIE	S	S	HEET: <b>E</b>	

# Standard Detail Drawing List

13A10-01A	2-LANE RURAL SHOULDER RUMBLE STRIP, MILLING
15C04-03	TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC
15C08-16A	PAVEMENT MARKING (MAINLINE)
15C08-16B	PAVEMENT MARKING (INTERSECTIONS)
15C12-04	TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)
15C19-03A	MOVING PAVEMENT MARKING OPERATION TWO-LANE TWO-WAY ROADWAY
15D28-03	TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY

6



## **GENERAL NOTES**

6

Ö

D

15

C

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

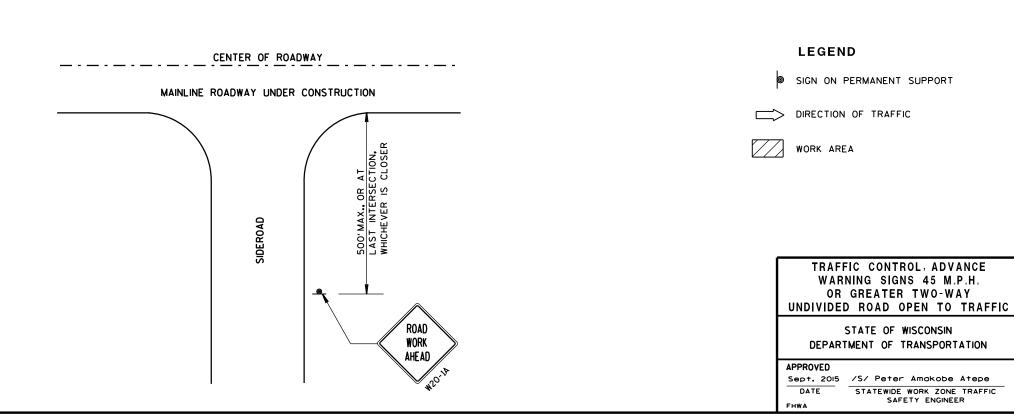
THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" 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 W20-1A "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA.



6

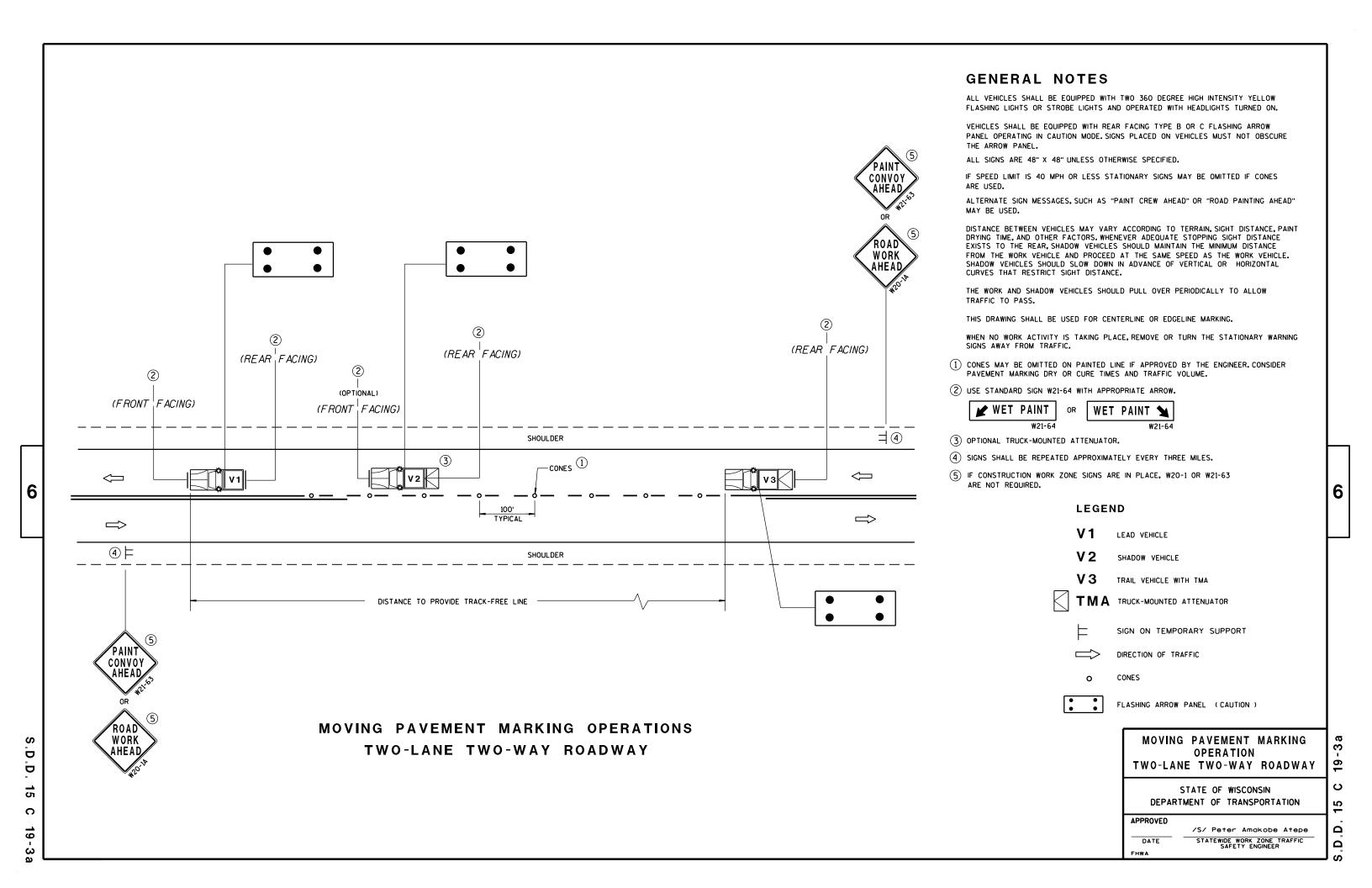
4

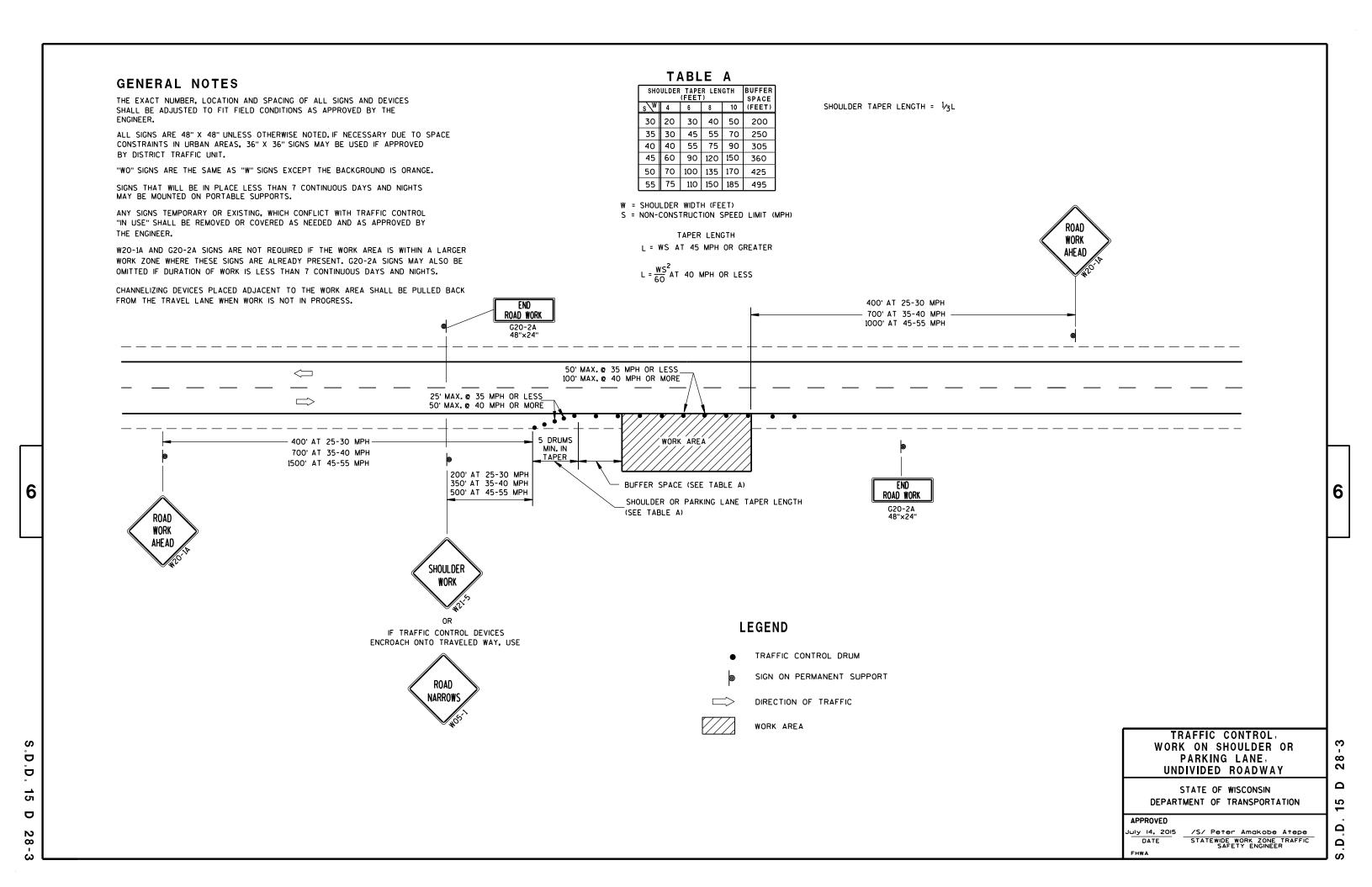
SAFETY ENGINEER













# Wisconsin Department of Transportation

Dedicated people creating transportation solutions through innovation and exceptional service.

http://www.dot.wisconsin.gov