

GOVERNING SPECIFICATIONS

THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS.

THIS PLAN CONTAINS 12 SHEETS

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STATEMENT OF ESTIMATED QUANTITIES
3 - 4	TYPICAL SECTIONS
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9	PERMANENT PAVEMENT MARKING NOTES AND TABULATIONS
10 - 11	TEMPORARY SIGNING AND PERMANENT STRIPING
12	TEMPORARY SIGNING NOTES AND TABULATIONS

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Approved Burse	Caller 25,20 24						
Approved Stand 1-17,20_24							
Digitally signed by Lucas Lortie Date: 2024.02.07 08:35:39 -06'00', 20 STATE AID ENGINEER: For APPROVED FOR STATE AID FUNDING							
Lucas Lortie Date: 2024.02.07 08:35:50 -06'00' ,20,20 For COMPLIANCE WITH STATE AID RULES/POLICY							
	TITLE SHEET						
CT002-683-007	Sheet <u>1</u> of <u>12</u> Sheets						

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		STATEMENT OF ESTIMATED QUAN	ITITIES		
Notes	ltem Number	ITEM DESCRIPTION	Unit	TOTAL PROJECT QUANTITIES ESTIMATED	
	2021.501	MOBILIZATION	LUMP SUM	1	
1,2	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	15	
1,2		SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	391	
3	2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	30	
4	2104.504	REMOVE BITUMINOUS DRIVEWAY PAVEMENT	SQ YD	593	
2	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	1407	
7	2105.607	COMMON EXCAVATION	CU YD	299	
5	2123.510	MOTOR GRADER	HOUR	24	
6	2130.523	WATER	M GALLON	20	
8	2211.509	AGGREGATE BASE CLASS 5	TON	66	
9	2215.504	FULL DEPTH RECLAMATION	SQ YD	26382	
10	2215.507	HAUL FULL DEPTH RECLAMATION (LV)	CU YD	262	
11	2221.509	SHOULDER BASE AGGREGATE CLASS 5	TON	272	
12	2232.604	MILL BITUMINOUS PAVEMENT (SPECIAL)	SQ YD	266	
	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	1298	
13	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3;B)	TON	68	
14	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4;C)	TON	323	
	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4;C)	TON	5973	
15	2504.602	ADJUST GATE VALVE	EACH	2	
	2521.602	DRILL AND GROUT REINF BAR (EPOXY COATED)	EACH	22	
	2531.503	CONCRETE CURB AND GUTTER DESIGN B418	LIN FT	145	
	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD	30	
	2531.604	CONCRETE DRAINAGE FLUME	SQ YD	21	
16	2540.602	MAIL BOX SUPPORT	EACH	18	
	2563.601	TRAFFIC CONTROL SUPERVISOR	LUMP SUM	1	
17,18	2563.601	TRAFFIC CONTROL	LUMP SUM	1	
19	2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	20	
	2574.507	COMMON TOPSOIL BORROW	CU YD	1113	
20	2575.508	HYDRAULIC REINFORCED FIBER MATRIX	POUND	467	
21	2581.503	REMOVABLE PREFORMED PAVEMENT MARKING TAPE	LIN FT	213	
22	2582.503	4" SOLID LINE MULTI-COMPONENT	LIN FT	13441	
22		4" BROKEN LINE MULTI-COMPONENT	LIN FT	923	
22	2582.503	4" DOUBLE SOLID LINE MULTI-COMPONENT	LIN FT	615	

	CONSTRUCTION NOTES
1	REFERENCE DETAILS (PAGE 5-6)
2	REFERENCE DETAILS (PAGE 5-6) FOR REMOVAL DETAILS
3	ITEM FOR CONCRETE DRIVEWAYS. CONTRACTOR IS RESPONSIBLE FOR CONTACTING PROPERTY OWNER 48 HOURS BEFORE STARTING OPERATION.
4	ITEM FOR BITUMINOUS DRIVEWAYS AND STREET APPROACHES. CONTRACTOR IS RESPONSIBLE FOR CONTACTING PROPERTY OWNER 48 HOURS BEFORE STARTING OPERATION.
5	ITEM USED TO MOVE EXCESS RECLAIM MATERIAL AT THE RECLAIM AREA LIMITS TO CREATE A SMOOTH TRANSITION BETWEEN THE PROPOSED AND EXISTING PAVEMENT
6	WATER TO BE USE FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.
7	ITEM TO BE USED FOR REMOVING 4 INCHES OF RECLAIM MATERIAL FROM CURB SECTION AREA BETWEEN
8	STATIONS 56+93 - 62+00. AS WELL AS PREPPING BASE UNDER NEW FLUME AND CURB SECTIONS ITEM TO BE USED AS BASE MATERIAL FOR NEW CONCRETE DRAINAGE FLUME, NEW CURB AREA, AND USED AS BASE MATERIAL FOR NEW BITUMINOUS DRIVEWAYS AND SIDE STREET AREAS.
9	THIS WORK INCLUDES SPREADING, WATERING, COMPACTING, SHAPING, AND MAINTAINING THE BLENDED RECLAIMED MATERIAL TO THE SPECIFIC PROFILE AND CROSS SECTION. CONTRACTOR RESPONSIBILITY TO VERIFY DEPTH. NO ADDITIONAL COMPENSATION SHALL BE GIVEN IF EXISTING BITUMINOUS IS THICKER THAN CORES ON PLAN SHEETS.
10	ITEM USED TO HAUL EXCESS RECLAIM FROM TIE-IN POINTS AND REUSED ON SITE.
11	ITEM INCLUDES 7 TONS FOR EACH GRAVEL ENTRANCE AND GRAVEL STREET APPROACH.
12	TO BE USED FOR BUTT MILLING BEGINNING/END TIE-INS AND SIDE STREETS ACCORDING TO DETAILS (PAGE 5)
13	ITEM FOR BITUMNOUS DRIVEWAYS, DRIVEWAYS SHALL BE PAVED AFTER MAINLINE AND BEFORE FINAL STRIPING.
14	STREET APPRACHES SHALL BE PAVED AFTER MAINLINE, AND BEFORE FINAL STRIPING
15	GAS VALVES TO BE ADJUSTED ONLY AS NECESSARY AS DETERMINED BY THE ENGINEER.
16	MAILBOXES ARE TO BE INSTALLED AT THE EXISTING MAILBOX LOCATION OR AS DIRECTED BY THE LOCAL POSTAL AUTHORITY, CONTRACTOR IS RESPONSIBLE FOR CONTACTING. MAILBOX REMOVAL AND ALL MATERIALS ARE INCIDENTAL TO INSTALLATION.
17	CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TEMPORARY SIGNAGE WHENEVER EXISTING SIGNAGE IS REMOVED. TEMPORARY SIGNAGE SHALL BE INCIDENTAL TO TRAFFIC CONTROL.
18	ALL TRAFFIC CONTROL DEVICES SHALL CONFORMTO, AND BE INSTALLED IN ACCORDANCE WITH, THE MOST CURRENT REVISION OF THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". "DO NOT PASS, PASS WITH CARE, NO CENTER STRIPE, AND STOP HERE ON RED SIGNS SHALL BE INPLACE WHENEVER PERMANENT PAVEMENT MARKINGS ARE NOT PRESENT.
19	2 MESSAGE BOARDS, ONE ON THE EACH END OF PROJECT, SHALL BE INSTALLED 10 DAYS PRIOR TO ANY CONSTRUCTION; REFERENCE STRIPING PLAN FOR DETAILS.
20	TYPE 3 FERTILIZER AND TYPE 25-121 SEED ARE INCIDENTAL TO THIS ITEM. SEE "BASIS OF PLANNED QUANTITIES" FOR APPLICATION RATES.
21	CENTERLINE AND LANE DESIGNATION SKIPS TO BE APPLIED AS SOON AS POSSIBLE ON MILLED SURFACE AND EACH NEW LIFT OF PAVEMENT; SKIPS MUST BE INPLACE BEFORE THE CONTRACTOR LEAVES FOR THE DAY. CONTRACTOR IS TO REMOVE PRIOR TO FINAL STRIPING.
22	FINAL STRIPING SHALL BE INSTALLED WITHIN 72 HOURS OF COMPLETION OF MAINLINE WEAR COURSE PAVING. CANNOT BE INSTALLED SOONER THAN 48 HOURS.

	BITUMINOUS		
LOCATION	2360 TYPE SP 12.5 WEAR (4,C)	NOTES	
	TON	1	
175th Ave	42	[1]	
176th Ave E	42	[1]	
176th Ave W	41	[1]	
178th Ave	40	[1]	
Ermine Blvd	37	[1]	
CSAH 22	76	[1]	
CR 64	46	[1]	
PROJECT TOTAL	323		
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THE FOLI	THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION,					
	SHALL APPLY ON THIS PROJECT					
	MNDOT STANDARD PLATES					
PLATE NO.	DESCRIPTION					
7100H	CONCRETE CURB AND GUTTER (DESIGN B AND DESIGN V)					
8000K	TEMPORARY CHANNELIZERS (3 SHEETS)					
9350C	MAILBOX SUPPORT - SWING-AWAY TYPE - SHEET 1 OF 3					

	BASIS OF PLANNED QUANTITIES				
2357	BITUMINOUS MATERIAL FOR TACK COAT	0.05 GAL / SQ YD	1		
2211	AGGREGATE BASE CLASS 5	1.8 TONS / CU YD	1		
2360	ALL BITUMINOUS PAVEMENT	115 LBS / SQ YD / IN THICKNESS	1		
2581	REMOVABLE PREFORM PAVEMENT MARKING TAPE	2' AT 50' INTERVALS	1		
2575	SEED MIXTURE 25-121	61 LBS./ ACRE	1		
2574	FERTILIZER TYPE 3	350 LBS./ ACRE	1		
2575	HYDRAULIC REINFORCED FIBER MATRIX	3900 LBS./ ACRE	1		

							I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY				1
							LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	DRAWN BY DD DATE01/09/2024		ANOKA COUNTY	
							PRINT NAME: GERALD J. AUGE JR	DESIGN BYDD DATE01/09/2024		HIGHWAY DEPT.	
NO NAME:	DATE P:\24-01-00\CSA	BY H_83_(173F	CKD RD AVE-CF	REVISION	01/09/2024	7:51:43 AM	DATE:LICENSE NO	CHECKED BY DATE01/09/2024	ANOKA COUNTY		STATE AID P

SUPERELEVATION CORRECTION TAB						
STATION	POINT	RTL GRADE	LEFT GRADE	RIGHT GRADE		
10+00	FULL SUPER		5.0%	-5.0%		
10+50			5.0%	-5.0%		
11+00	BEGIN RTL	-2.0%	5.0%	-5.0%		
11+50		-2.0%	5.0%	-5.0%		
12+00		-2.0%	5.0%	-5.0%		
12+50	END FULL SUPER	-2.0%	5.0%	-5.0%		
13+00		-2.0%	4.0%	-4.0%		
13+50		-2.0%	3.0%	-3.0%		
14+00	END SUPER RT	-2.0%	2.0%	-2.0%		
14+50		-2.0%	1.0%	-2.0%		
14+68	PT	-2.0%	0.6%	-2.0%		
15+00		-2.0%	0.0%	-2.0%		
15+50		-2.0%	-1.0%	-2.0%		
16+00	END SUPER LT	-2.0%	-2.0%	-2.0%		
16+50		-2.0%	-2.0%	-2.0%		
17+00		-2.0%	-2.0%	-2.0%		

	STATEMENT OF ESTIMATED QUANTITIES
ROJECT 002-683-007	Sheet <u>2</u> of <u>12</u> Sheets

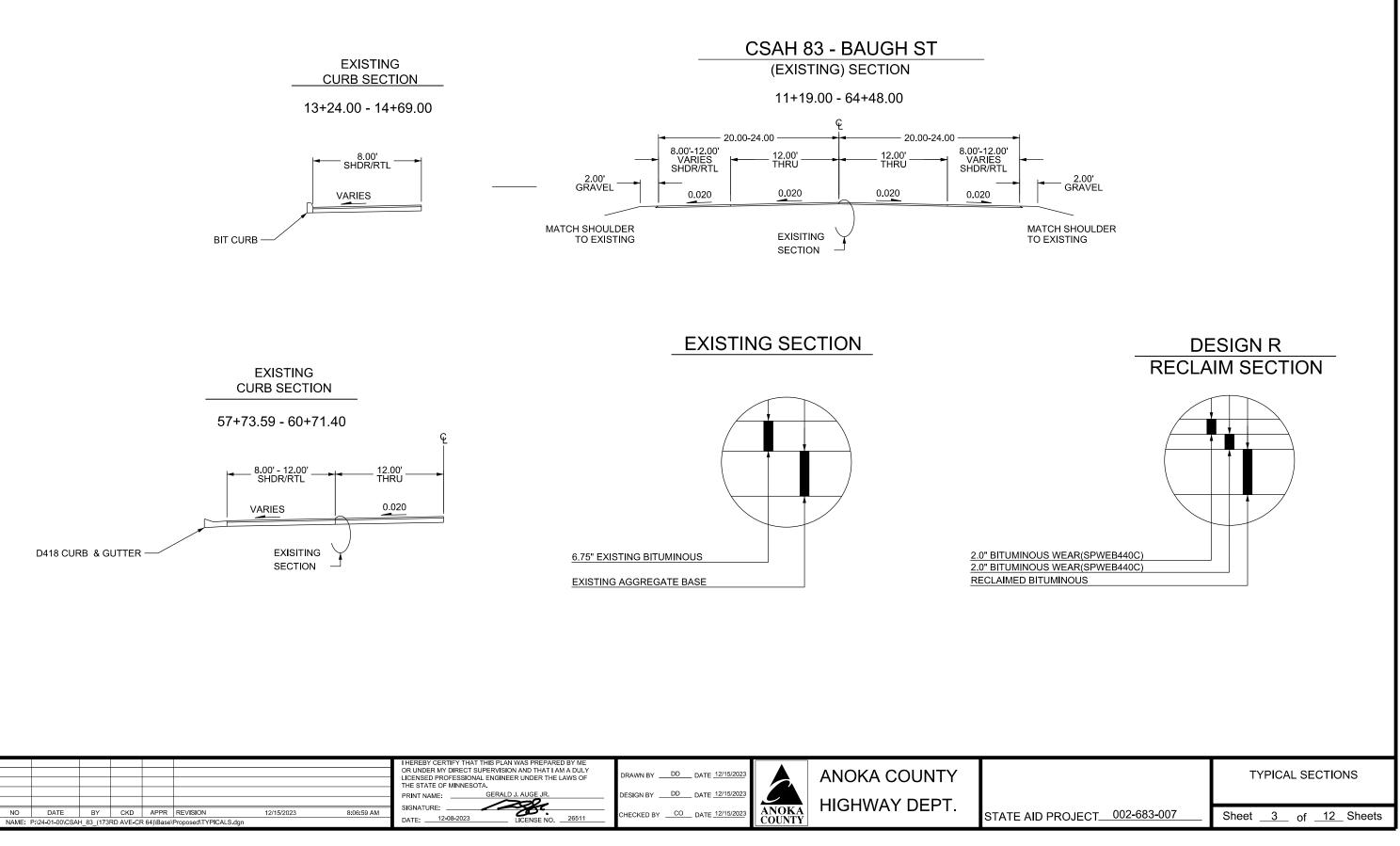
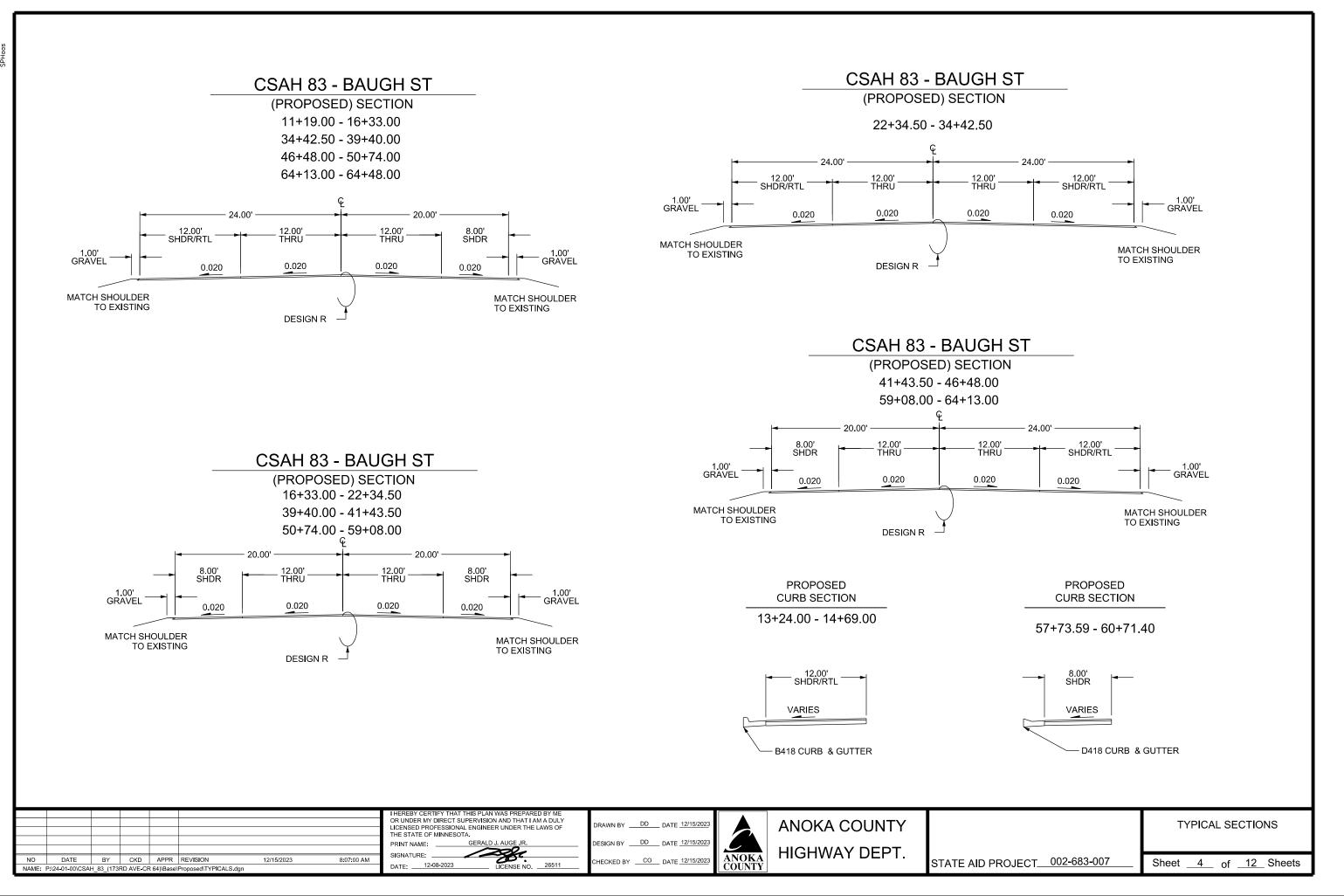


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	PRINT NAME: GERALD J. AUGE JR.	DESIGN BY DD DATE			
NO DATE BY CKD APPR REVISION 12/15/2023 8:06:59 AM		CHECKED BY DATE		HIGHWAY DEPT.	STATE AID PRO
NAME: P:\24-01-00\CSAH_83_(173RD AVE-CR 64)\Base\Proposed\TYPICALS.dgn	DATE:		COUNTY		



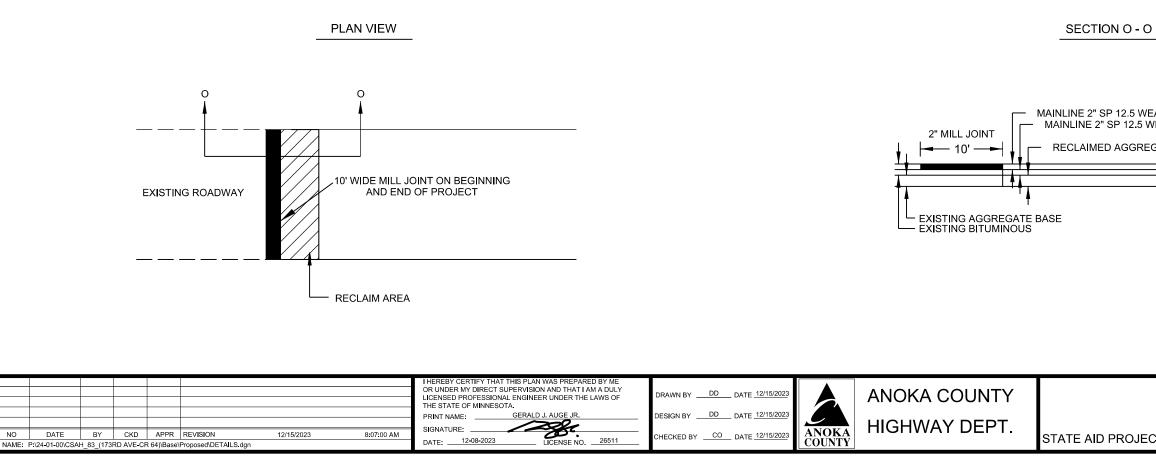


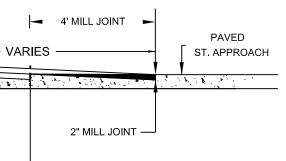
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BITUMINOUS STREET PLAN VIEW SECTION S - S REMOVE BITUMINOUS SAWCUT MAINLINE 2" TYP SP 12.5 WEAR COURSE MAINLINE 2" TYP SP 12.5 BASE COURSE SP 12.5 WEAR COURSE (4,C) Ŧ 2" LIFT IN MILL AREA, 2 - 2" LIFTS IN RECLAIM/REMOVAL AREA . . RECLAIMED BIT / CLASS 5 2" TYP SP 12.5 WEAR COURSE (SPWEB440C) 2" TYP SP 12.5 BASE COURSE (SPWEB440C) -4' WIDE MILL JOINT ON PAVED STREETS. SAWCUT / BITUMINOUS PAVEMENT REMOVAL LIMIT ◄ DISTANCE DETERMINED BY ENGINEER

MAINLINE JOINT DETAIL (RECLAIM)

STREET APPROACH DETAIL (RECLAIM)

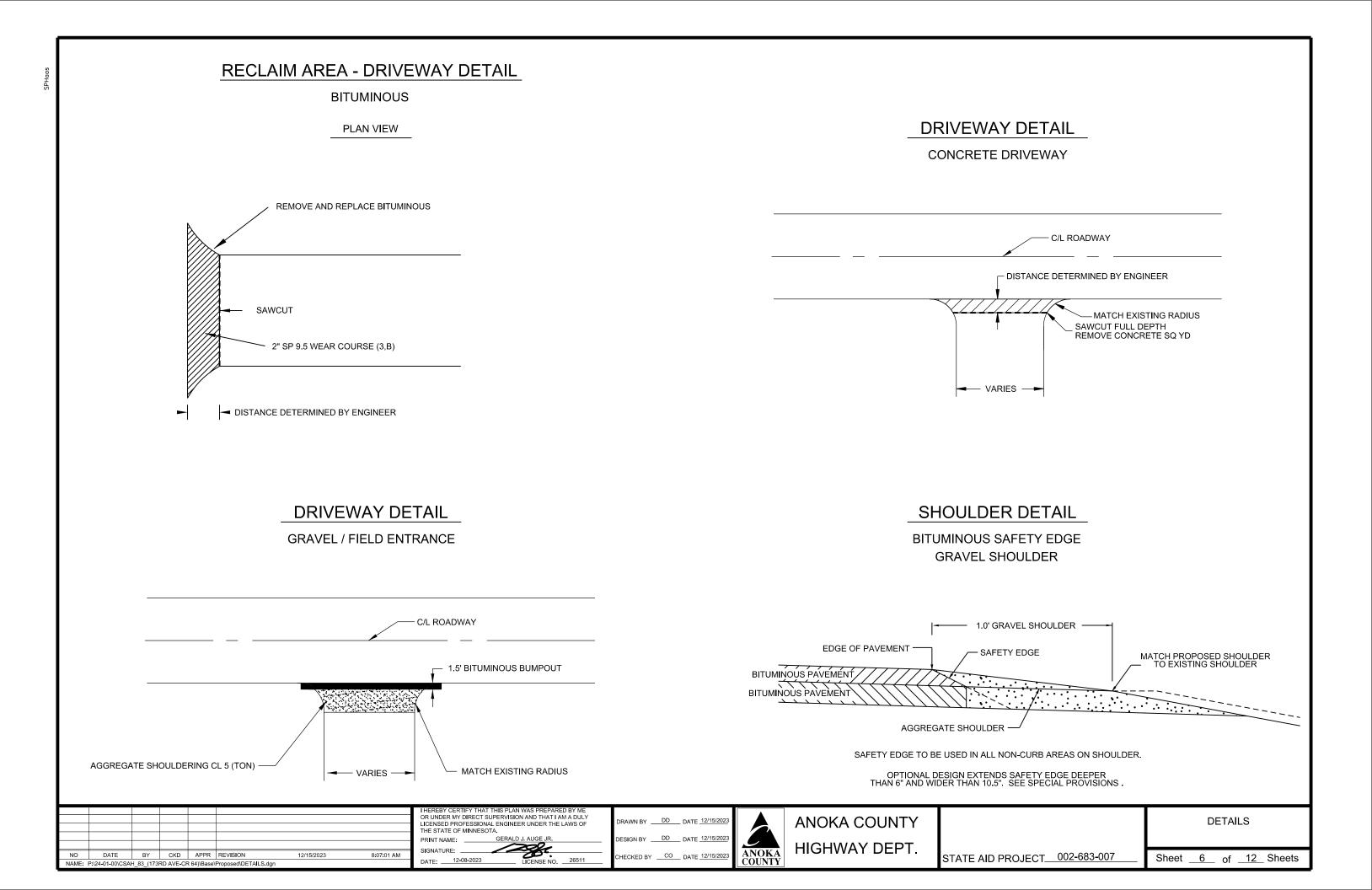


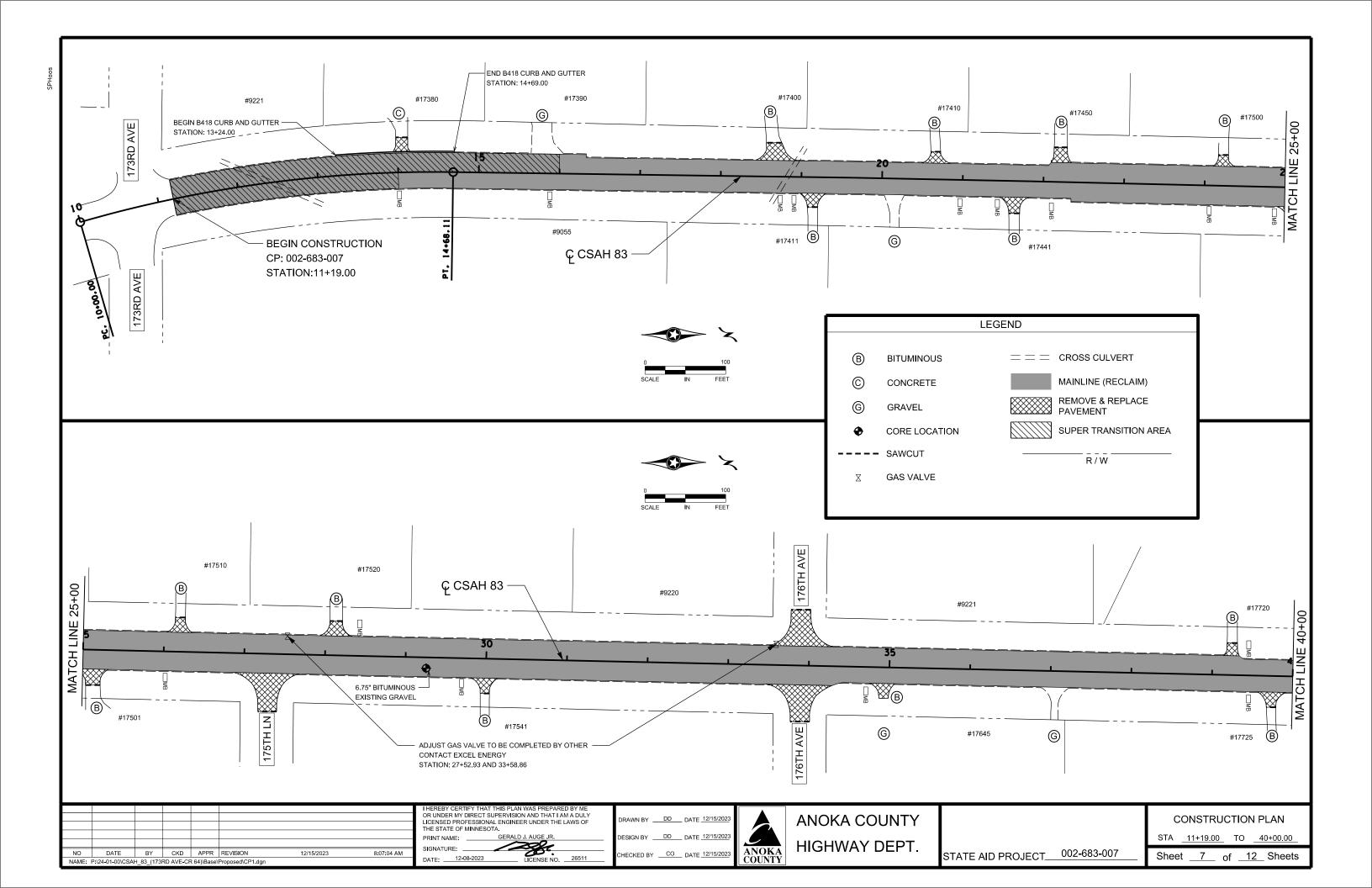


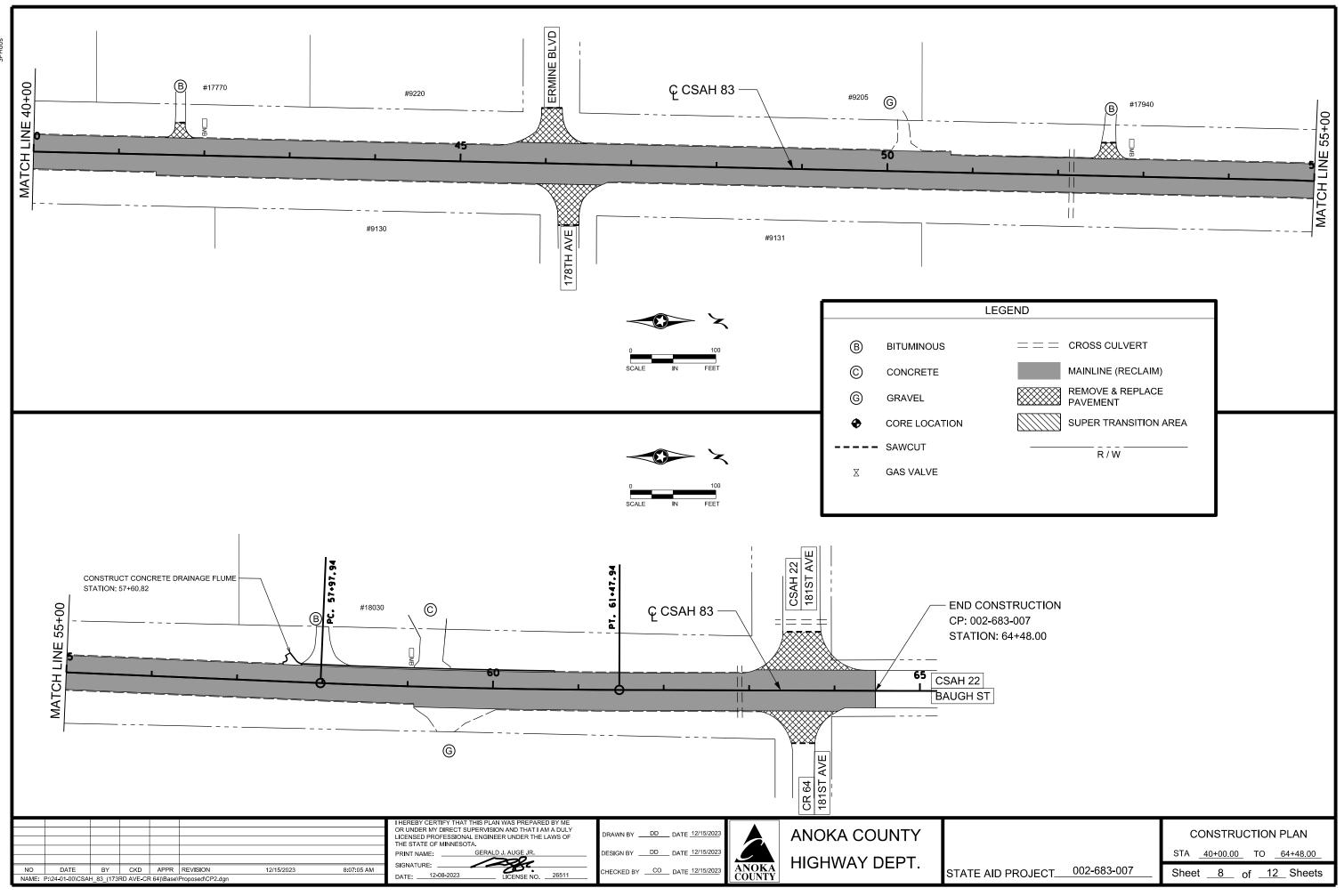
MAINLINE 2" SP 12.5 WEAR COURSE MAINLINE 2" SP 12.5 WEAR COURSE

RECLAIMED AGGREGATE BASE

	DETAILS
ROJECT <u>002-683-007</u>	Sheet <u>5</u> of <u>12</u> Sheets







PERMANENT PAVEMENT MARKING PLAN NOTES & GUIDELINES

GENERAL INFORMATION:

- 1. THE ENGINEER'S INVOLVEMENT IN THE APPLICATION OF THE MATERIAL SHALL BE LIMITED TO FIELD CONSULTATION AND INSPECTION. ANOKA COUNTY HIGHWAY DEPARTMENT WILL PLACE NECESSARY "SPOTTING" AT APPROPRIATE POINTS TO PROVIDE HORIZONTAL CONTROL FOR STRIPING AND TO DETERMINE NECESSARY STARTING AND CUTOFF POINTS. LONGITUDINAL JOINTS, PAVEMENT EDGES AND EXISTING MARKINGS MAY SERVE AS HORIZONTAL CONTROL WHEN SO DIRECTED.
- 2. EDGE LINES AND LANE LINES ARE TO BE BROKEN ONLY AT INTERSECTIONS WITH PUBLIC ROADS AND AT PRIVATE ENTRANCES IF THEY ARE CONTROLLED BY A YIELD SIGN, STOP SIGN OR TRAFFIC SIGNAL. THE BREAK POINT IS TO BE AT THE START OF THE RADIUS FOR THE INTERSECTION OR AT MARKED STOP LINES OR CROSSWALKS.
- 3. A TOLERANCE OF 1/4 INCH UNDER OR 1/4 INCH OVER THE SPECIFIED WIDTH WILL BE ALLOWED FOR STRIPING PROVIDED THE VARIATION IS GRADUAL AND DOES NOT DETRACT FROM THE GENERAL APPEARANCE. BROKEN LINE SEGMENTS MAY VARY UP TO ONE-HALF FOOT FROM THE SPECIFIED LENGTHS PROVIDED THE OVER AND UNDER VARIATIONS ARE REASONABLY COMPENSATORY. ALIGNMENT DEVIATIONS FROM THE CONTROL GUIDE SHALL NOT EXCEED 1 INCH. MATERIAL SHALL NOT BE APPLIED OVER LONGITUDINAL JOINTS. ESTABLISHMENT OF APPLICATION TOLERANCES SHALL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO COMPLY AS CLOSELY AS PRACTICABLE WITH THE PLANNED DIMENSIONS.
- 4. PERMANENT PAVEMENT MARKINGS SHALL NOT BE PLACED OVER TEMPORARY TAPE MARKINGS.
- 5. THE FILLING OF TANKS, POURING OF MATERIALS OR CLEANING OF EQUIPMENT SHALL NOT BE PERFORMED ON UNPROTECTED PAVEMENT SURFACES UNLESS ADEQUATE PROVISIONS ARE MADE TO PREVENT SPILLAGE OF MATERIAL.

MULTI-COMPONENT (MULTI-COMP):

- 1. THE ROAD SURFACE SHALL BE CLEANED AT THE DIRECTION OF THE ENGINEER JUST PRIOR TO APPLICATION. PAVEMENT CLEANING SHALL CONSIST OF AT LEAST BRUSHING WITH A ROTARY BROOM (NON-METALLIC) OR AS RECOMMENDED BY THE MATERIAL MANUFACTURER AND ACCEPTABLE TO THE ENGINEER. NEW PORTLAND CEMENT CONCRETE SURFACES SHALL BE SANDBLAST CLEANED TO REMOVE ANY SURFACE TREATMENT AND/OR LAITANCE ON LOW SPEED (SPEED LIMIT 35 MPH OR LESS) URBAN PORTLAND CEMENT CONCRETE ROADWAYS. SANDBLAST CLEANING SHALL BE USED FOR ALL MULTI-COMP PAVEMENT MARKINGS.
- 2. THE MULTI-COMP MARKING APPLICATION SHALL IMMEDIATELY FOLLOW THE PAVEMENT CLEANING. GLASS BEADS SHALL BE APPLIED IMMEDIATELY AFTER APPLICATION OF THE MULTI-COMP LINE TO PROVIDE AN IMMEDIATE NO-TRACK SYSTEM.
- 3. A MULTI-COMP LINE SHALL BE APPLIED WITH A MINIMUM THICKNESS OF 20 MILS (WET) AND 4" WIDE . GLASS BEADS SHALL BE APPLIED PER MANUFACTURER'S SPECIFICATIONS
- 4. PAVEMENT MARKINGS SHALL ONLY BE APPLIED IN SEASONABLE WEATHER WHEN AIR AND PAVEMENT SURFACE TEMPERATURES ARE 40° OR HIGHER AND SHALL NOT BE APPLIED WHEN THE WIND OR OTHER CONDITIONS CAUSE A FILM OR DUST TO BE DEPOSITED ON THE PAVEMENT SURFACE AFTER CLEANING AND BEFORE THE MARKING MATERIAL CAN BE APPLIED.

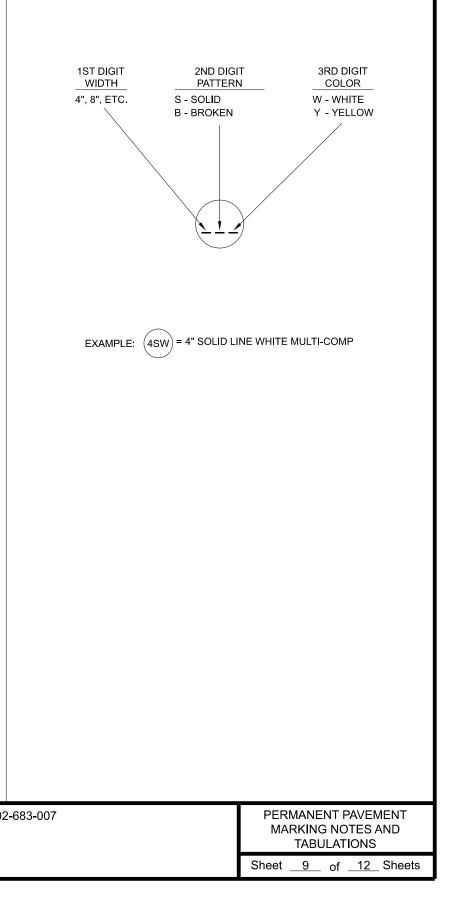
PERMANENT PAVEMENT MARKING TABULATION								
ITEM DESCRIPITION	UNIT	TOTAL C	QUANTITY					
IT EN DESCRIPTION	UNIT	WHITE	YELLOW					
4" SOLID LINE MULTI-COMP	LIN FT	12306	1135					
4" SOLID DOUBLE LINE MULTI-COMP	LIN FT		615					
4" BROKEN LINE MULTI-COMP	LIN FT		923					

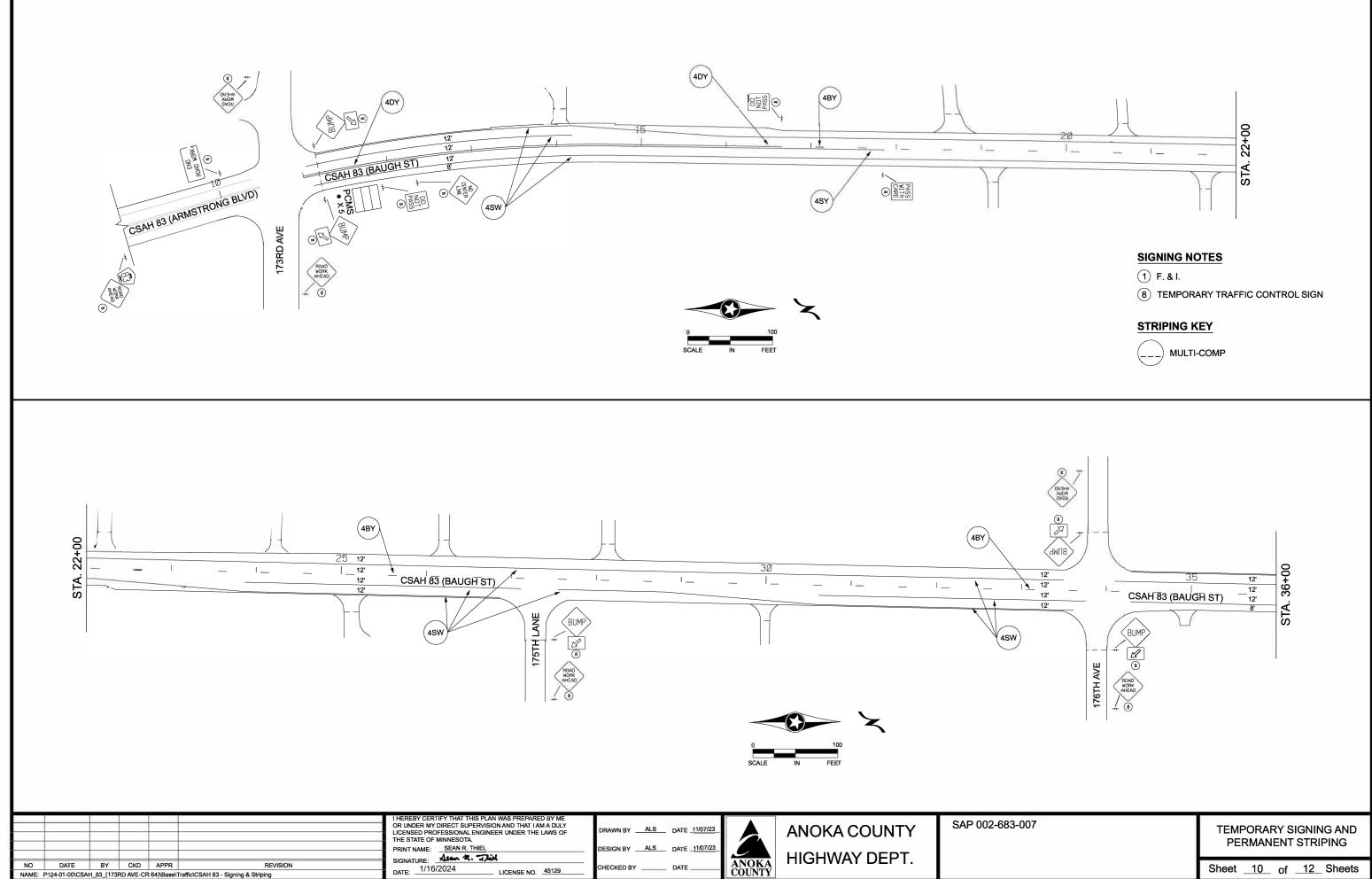
PERMANENT STRIPING

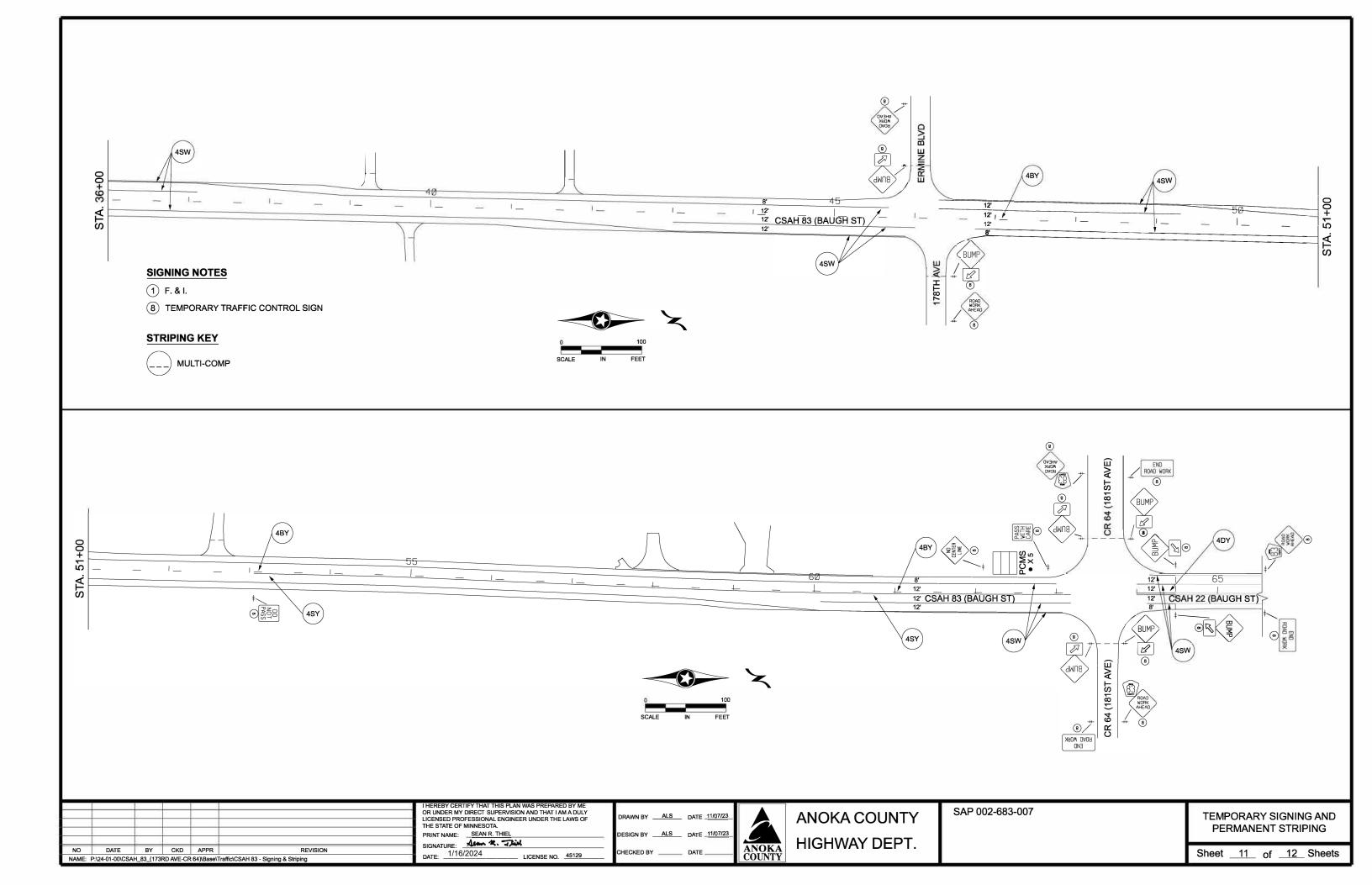
						I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	DRAWN BY <u>ALS</u> DATE	E <u>11/07/23</u>		ANOKA COUNTY	SAP 002-
	DATE	BV	01/10	APPR		PRINT NAME: SEAN R. THIEL		E <u>11/07/23</u>	ANOKA	HIGHWAY DEPT.	
NAME:	-		CKD RD AVE-CF		REVISION	DATE:	CHECKED BY DATE	E	COUNTY		

PAVEMENT MARKING SYMBOLS & MATERIALS LEGEND

- BROKEN LINE - 50' CYCLE (10' LINE, 40' GAP)







TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES

"W" SERIES							
SIGN	MUTCD CODE	COLOR	SIZE	QUANTITY			
BE PREPARED TO STOP	W3-4	BLACK ON ORANGE	48" X 48"	AS NEEDED			
BUMP	W8-1	BLACK ON ORANGE	48" X 48"	13			
	W16-7PL	BLACK ON ORANGE	30" X 18"	13			
ROUGH	W8-8	BLACK ON ORANGE	48" X 48"	AS NEEDED			
LOW SHOULDER	W8-9	BLACK ON ORANGE	48" X 48"	AS NEEDED			
UNEVEN	W8-11	BLACK ON ORANGE	48" X 48"	AS NEEDED			
CENTER	W8-12	BLACK ON ORANGE	48" X 48"	2			
NO SHOULDER	W8-23	BLACK ON ORANGE	48" X 48"	AS NEEDED			
ROAD WORK AHEAD	W20-1	BLACK ON ORANGE	48" X 48"	AS NEEDED (ESTIMATED 11)			
ONE LANE ROAD AHEAD	W20-4	BLACK ON ORANGE	48" X 48"	AS NEEDED			
	W20-7	BLACK ON ORANGE	48" X 48"	AS NEEDED			

"R" SERIES						
SIGN	MUTCD CODE	COLOR	SIZE	QUANTITY		
DO NOT PASS	R4-1	BLACK ON WHITE	24" X 30"	3		
PASS WITH CARE	R4-2	BLACK ON WHITE	24" X 30"	2		

"M" SERIES							
SIGN	MUTCD CODE	COLOR	SIZE	QUANTITY			
AREAA 833 COLINIT	M1-6M	WHITE AND YELLOW ON BLUE	24 X 24	4			

	"G" SERIES							
SIGN	MUTCD CODE	COLOR	SIZE	QUANTITY				
END Road Work	G20-2	BLACK ON ORANGE	48" X 24"	4				

	DEVICES					
	ITEM	MUTCD CODE	QUANTITY			
		DRUM	AS NEEDED (ESTIMATED 10)			
)	PCMS	TYPE C	2 (10 DAYS EACH)			

PCMS - MESSAGE SEQUENCE LAYOUT

	R	0	Α	D		
	w	0	R	к		
в	Е	G	I	Ν	S	

<	D	Α	Т	Е	>	
E	х	Р	Е	С	Т	
D	Е	L	Α	Y	S	

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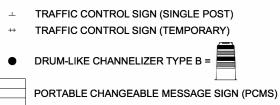
- TRAFFIC CONTROL ZONE LAYOUTS."
- ٠ ACCORDANCE WITH THE MN MUTCD.
- •
- THE ENGINEER.
- ٠ CHANGEABLE MESSAGE SIGN BY THE UNIT/DAY.
- . AS PART OF TRAFFIC CONTROL LUMP SUM.
- ٠
- ٠
- ٠
- BE CONSIDERED AS INCIDENTAL TO INSTALL SIGN TYPE C.

SIGNING NOTES

- (1) F. & I.
- (8) TEMPORARY TRAFFIC CONTROL SIGN

TRAFFIC CONTROL DEVICES & SYMBOLS LEGEND

SYMBOL DESCRIPTION



						I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA. PRINT NAME: SEAN R. THIEL SIGNATURE: ALL ALL ALL ALL ALL ALL ALL ALL ALL AL	DRAWN BY <u>ALS</u> DATE <u>11/07/23</u> DESIGN BY <u>ALS</u> DATE <u>11/07/23</u>		ANOKA COUNTY HIGHWAY DEPT.	SAP 00
NO NAME:	DATE P:\24-01-00\CSA	BY H_83_(173	CKD RD AVE-CF	APPR R 64)\Base\	REVISION Traffic\CSAH 83 - Signing & Striping	SIGNATURE: 4100 2024 DATE: 1/16/2024 LICENSE NO. 45129	CHECKED BY DATE	ANOKA COUNTY		

 ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE PLACED IN ACCORDANCE TO THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD), INCLUDING PART VI, "FIELD MANUAL FOR TEMPORARY

ALL TYPE III BARRICADES SHALL BE REFLECTORIZED ON BOTH SIDES. BARRICADE MARKINGS SHALL BE SLANTED IN

CONTRACTOR SHALL COMPLY WITH THE LONGITUDINAL DROP-OFF GUIDELINES AS PER THE FIELD MANUAL. LOCATIONS OF PAVEMENT MARKINGS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY

CONTRACTOR SHALL SUPPLY AND PLACE THE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) A MINIMUM TEN DAYS PRIOR TO ACTUAL COMMENCEMENT OF ROAD WORK, TO A LOCATION AS SPECIFIED BY THE ENGINEER. SIGNS TO BE REMOVED WHEN ROAD WORK BEGINS. PAYMENT SHALL BE MADE AS PER ITEM 2563.613 PORTABLE

CONTRACTOR SHALL SUPPLY AND ERECT THE TEMPORARY TRAFFIC CONTROL SIGNS AS SHOWN ON THIS DRAWING AND DETAILED IN THE SPECIAL PROVISIONS FROM THE TIME WORK COMMENCES ON THIS ROADWAY UNTIL THIS ROADWAY IS PERMANENTLY STRIPED. ALL NECESSARY TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE PAID FOR

ACCESS SHALL BE MAINTAINED TO ALL STREETS AND DRIVEWAYS IN CONSTRUCTION AREA.

ALL PERMANENT STRIPING AND PAVEMENT MESSAGES SHALL BE PLACED WITHIN 72 HOURS OF MAINLINE PAVING. ANY REQUIRED PERMANENT SIGNING SHALL BE INSTALLED THE SAME DAY AS PERMANENT STRIPING.

ALL EXISTING SIGNING SHALL REMAIN IN PLACE DURING CONSTRUCTION. ANY SALVAGED AND REINSTALLED SIGNS SHALL BE INSTALLED ON TEMPORARY SUPPORTS UNTIL THE PERMANENT INSTALLATION CAN BE MADE. THIS WILL

002-683-007	TEMPORARY SIGNING NOTES AND TABULATIONS
	Sheet <u>12</u> of <u>12</u> Sheets