DocuSign Envelope ID: 4DC830FC-6659-40E7-9I		SPORTATION DIVISI	ON PERMIT NUMBER
	1440 BUNKER L		23-538
Anoka County	ANDOVER, 763-324		RIGHT OF WAY X
MINNESOTA Respectful, Innovative, Fiscally Responsible	highwaypermits@a		COMMERCIAL ACCESS
			CSAH 1
APPLICATION FOR PERMIT FOR INSTA ALL APPL		PLACING OBSTRUCTIONS O RED PRIOR TO PERMIT APP	
APPLICANT NAME New Look Cont	tracting	CONTACT PERSON Colli	in Kopitzke
ADDRESS 14045 Northdale Blvd.		CITY Rogers	
PHONE NUMBER 320.447.9230		EMAIL ckopitzke@newl	ookcontracting.net
COMPANY OR INDIVIDUAL PERFOR	RMING WORK New Loo	ok Contracting	
CONTACT PERSON Collin Kopitzke		EMAIL ckopitzke@new	lookcontracting.net
PERMIT WORK TO START 09/20/2	2023		
PERMIT WORK TO BE COMPLETED	12/31/2023		
DURATION OF JOB 40 Days			
ARE YOU BEING ASKED TO RELOCA	ATE DUE TO A COUNTY F	ROJECT? No	
ANOKA COUNTY PROJECT NUMBE	R		
WORK SITE ADDRESS CSAH 1 & (Xa	avis and Crooked Lake)		CITY Coon Rapids
METHOD OF INSTALLATION/CONST	IRUCTION Removal and	a Replacement	
NATURE OF WORK Upgrading sign	al systems and pedestri	an facilities on the above	intersections. Removals,
	nal install, loop install, n	ew signal system installat	ion, Concrete and Pavement
Install. SAP 002-601-00	63 114-020-062 002-60	01-064 City Project # CP-2	23-14-per approved plan
Г	AND/OR REFER	ENCE THE MOST CURRENT VE	UST ATTACH A TRAFFIC CONTROL PLAN ERSION OF THE MN TEMPORARY TRAFFIC 5 PLANS TO BE SIGNED BY A LICENSED PE).
X DITCH/BLVD			
X GRAVEL	Γ	6	
X BITUMINOUS			
X CONCRETE			
NONE	IG AND STRIPING REQU	RED? Yes	
DEPTH FROM SURFACE 60" for C (60" minimum under county roads)	Crossing. In Pavement fo	r Loops	
SIZE AND KIND OF PIPE/CABLE E	lectrical Lines in Condui	t	
NUMBER OF EXCAVATIONS 4+	SIZE	OF EXCAVATIONS 3 (D	ia) x 6'

LOCATION OF EXCAVATIONS

(Specific written descriptions of excavations - to be protected at all times and backfilled when unattended and/or overnight)

All Corners of the Crooked Lake and Xavis Intersections will receive temp signal poles set in the ground. Locations to be determined in the field. New Caissons for Signal mast Arms also as marked on plans attached....To be surveyed prior to installation. Loop installation will be milled into pavement and patched. Adjustment of handholes, manholes, and catch basins also included.

(Length, width, and depth)

THIS PERMIT COVERS THE RIGHT OF WAY IN ANOKA COUNTY ONLY

ACTD reserves the right to make changes to these special conditions.



ANOKA COUNTY TRANSPORTATION DIVISION 1440 BUNKER LAKE BLVD NW ANDOVER, MN 55304 PERMIT PHONE: 763-324-3176 highwaypermits@anokacountymn.gov

GENERAL INFORMATION

One permit must be approved for each county road on which work will be performed prior to any work within the right of way by any utility/contractor. Emergency conditions which threaten the safety of the public and require immediate repair are exceptions to this rule. Under those circumstances, the utility/contractor is permitted to begin and/or complete the necessary repairs. The Anoka County Transportation Division (ACTD) shall be notified of emergency repairs as soon as feasible and a written permit is to be completed within two business days of occurrence.

A license-permit bond is generally required of the contractor as part of the registration process, the amount of which will be determined by the nature of the utility work.

A sketch or drawing shall accompany each permit application which will show the location of the proposed work/utility with reference to the county highway center line and right of way line. A complete set of plans is required for all sewer/water projects.

It shall be the responsibility of the applicant to determine which of the special conditions apply to each permit.

ACTD reserves the right to revoke any utility permit and halt work, if, upon inspection of any job site, the special conditions are not met, and/or a hazard exists for the applicant or public safety is threatened. The failure to comply with the terms and conditions of any applicable Federal, State, Regional, and local laws, rules and regulations, including any provision of Anoka County's Right-of-Way Ordinance shall be cause for immediate revocation of a permit.

The applicant shall notify ACTD immediately upon completion of project so that the ACTD can inspect the site to determine if restoration has been satisfactorily completed.

The undersigned hereby accepts the terms and conditions of this permit and the regulations of Anoka County, and agrees to fully comply therewith to the satisfaction of the ACTD. The county of Anoka, its officials, employees, and agents, shall be held harmless, by the applicant/permittee, from any demands, claims, lawsuits, or damages relating to the work described in this permit.

APPLICANT'S SIGNATURE

<u>ollin kopitzke</u> -84AA6C25C892446... DATE 9/15/2023

AUTHORIZATION OF PERMIT

In consideration of the applicant's agreement to comply in all respects with the regulations of the ACTD covering such operations, permission is hereby granted for the work to be done as described in the above application. Said work to be done in accordance with the general conditions listed above and the special conditions required as hereby stated. It is expressly understood that this permit is conditioned upon replacement or restoration of the county highway and its right of way to their original or to a satisfactory condition. It is further understood that this permit is issued subject to the approval of local city or township authorities having joint supervision over said street or highway.

APPROVED BY:	DocuSigned by:	DATE	9/21/2023
TITLE: Traffic Technician	Susan Burgneier		572172025
	C5E91FE15CD44EE		

NOT VALID UNLESS SIGNED BY ANOKA COUNTY

ANOKA COUNTY TRANSPORTATION DIVISION

1440 BUNKER LAKE BLVD NW

ANDOVER, MN 55304

PERMIT PHONE: 763-324-3176

highwaypermits@anokacountymn.gov

SPECIAL CONDITIONS

TRAFFIC CONTROL

cally Respo

1) Detours

Anoka Countv

MINNESOTA

- a) Detailed detour layouts shall be submitted to the traffic engineer for approval.
- b) No detours shall be permitted without prior approval of the Anoka county traffic engineer.
- c) A ten day notice must be given prior to the installation of any detour.
- d) It shall be the responsibility of the applicant to notify Anoka county central communications, local government bodies, and any affected bus companies ten days prior to any road closures/detours.
- e) Immediately upon completion of work and/or detours, all posts, barricades, and signs shall be removed from the right of way.

2) Traffic control devices

a) All traffic control devices, barricades, flashers, etc., shall be furnished by the applicant and shall be in accordance with the most recent edition of the Minnesota manual on uniform traffic control devices and temporary traffic control zone layouts – field manual of the same manual.

CONSTRUCTION REQUIREMENTS

- 1) Open cutting of bituminous or concrete surfaced roads will be allowed only at the discretion of the county engineer.
- 2) Neither supplies nor excavation materials shall be placed on the bituminous or concrete surface at any time.
- 3) No trenches will be allowed to remain open overnight.
- 4) Materials removed from the trench shall be used as backfill insofar as they are suitable. All backfill material shall conform to MNDOT specifications for compaction. The use of heavy equipment on top of trench, slapping with backhoe bucket and/or back casting to achieve compaction is prohibited. Any additional material required to back fill to the original grade shall be furnished by the applicant at no expense to the ACTD. All the base and surface courses damaged during construction operations shall be restored to a condition equal to or better than before operations began. The applicant shall be responsible for and restore any settlement.
- 5) All culverts, ditches, shoulders, and backslopes shall be restored to their original condition unless otherwise directed by the ACTD. Shoulders which have been previously constructed or reconstructed with special materials shall be replaced in kind. Restoration of signs, guardrails, guard posts, etc., are the sole responsibility of the applicant and shall be restored to their original condition.
- 6) All roadway maintenance required within the limits of the utility project that is related to the applicant's activities shall be the sole responsibility of the applicant for one year after completion of the project. Upon completion of the restoration work, the applicant shall request a final inspection by the ACTD. The ACTD's approved completion date shall be the starting date of the applicant's one-year responsibility.

HORIZONTAL BORING AND JACKING

- 1) All hard surface roadways shall be jacked or bored.
- 2) All crossings of Anoka County maintained roadbeds, shall be made by boring inside a casing or carrier pipe, or by jacking unless otherwise directed by the Anoka County Engineer. The auger shall lead the casing or carrier pipe by at least six inches whenever possible and never lead the carrier pipe by more than one inch.
- 3) The use of pneumatic devices to facilitate the roadbed crossings will be allowed in most cases with prior approval. In the event approval is not granted and applicant uses a pneumatic device to cross a roadbed and encounters an obstruction and/or unstable subbase material which makes forward or reverse motion of pneumatic device impossible, said pneumatic device then becomes part of the roadway subbase and permission to excavate to retrieve device will not be granted.
- 4) If a pneumatic device is used for the work permitted herein, the installation must be kept to a minimum of four feet below the surface of the roadway if the pneumatic device is less than two inches in diameter, and a minimum of five feet below the surface of the roadway if the pneumatic device is two inches in diameter or larger.

BITUMINOUS RESTORATION

- 1) The locations and dimensions of all openings to be made in the bituminous surface shall be approved by the ACTD prior to any cutting or any surface opening operations.
- 2) All openings in bituminous surfaces shall be cut in a straight line with the sides smooth and vertical. No ragged edges will be permitted. Cutting shall be done with a concrete saw.
- 3) All necessary dust control operations shall be carried out by the applicant at no expense to Anoka County.
- 4) The minimum requirement for subgrade replacement shall be the upper twelve inches of material and shall meet MNDOT specifications for class five placed in six inch layers compacted to one hundred percent of optimum density.
- 5) All manhole casings, gate valves, and other utility structures shall be set one quarter inch below the top of the finished surface.
- 6) Bituminous tack coat materials and application thereof shall conform to MNDOT specification 2357.
- 7) All bituminous surfacing shall be replaced as soon as practicable after the base construction. All bituminous surfacing shall be machine laid. Any exceptions must be approved by the ACTD. Bituminous surfacing shall be replaced to original pavement depth or to a minimum of six inches of bituminous mixture (2360), whichever is greater. Bituminous mixtures must be placed in lifts not exceeding three inches in thickness for base and binder courses and not exceeding two inches for the wear course.
- 8) All surface restoration regardless of size shall conform to existing grades.
- 9) Any unnecessary or negligent damage to bituminous surface in conjunction with the installation and/or repair of a utility shall be cut out and replaced in kind as directed by the ACTD.

Anoka County

Respectful, Innovative, Fiscally Responsible

ANOKA COUNTY TRANSPORTATION DIVISION

1440 BUNKER LAKE BLVD NW

ANDOVER, MN 55304

PERMIT PHONE: 763-324-3176

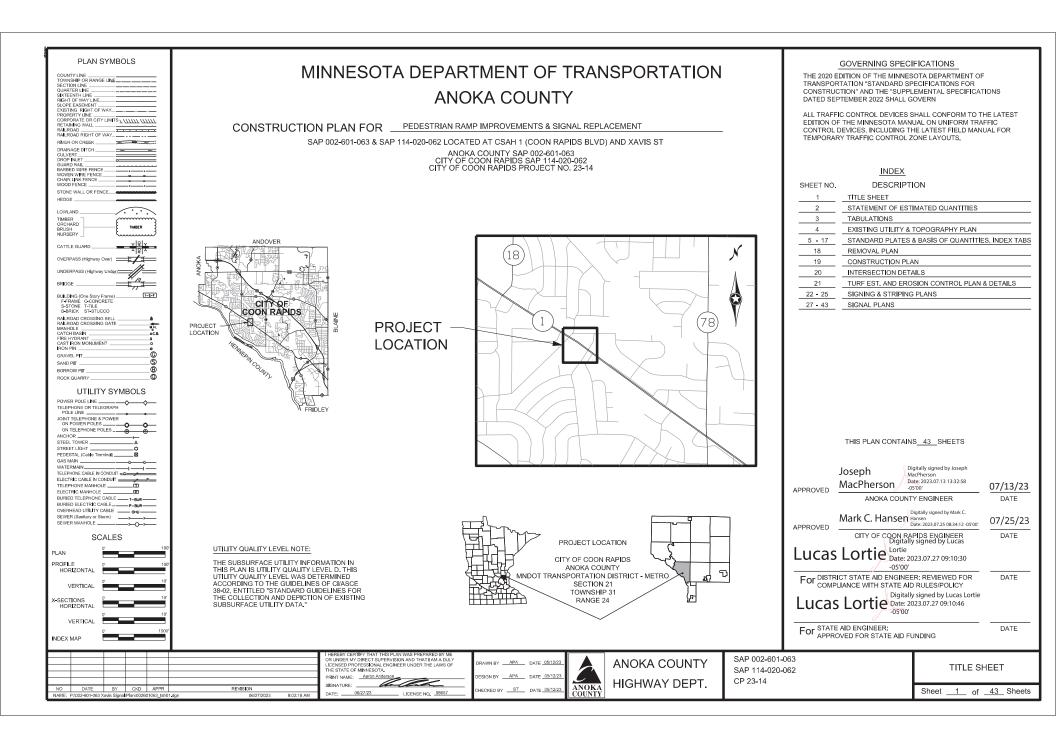
highwaypermits@anokacountymn.gov

CO	NCRETE RESTORATION
1)	Curb and gutter, sidewalks, and driveways shall be restored in accordance with MNDOT specifications 2531 and 2521.
UTI	LITY LINES
1)	There shall be only a single pole line on the county right of way on either side of the center line thereof.
2)	Exact locations of longitudinal installations on county highways shall be located as directed by the ACTD.
<u>SEC</u>	CTION CORNER MONUMENTS
1)	Utility locations shall not interfere with the location of any section, quarter, witness, or right of way monuments. For assistance in locations, contact the Anoka County Surveyor's Office.
2)	The applicant shall be responsible for replacement of any existing property irons disturbed during construction.
3)	The applicant shall notify the Anoka County Surveyor's Office three working days in advance of any anticipated disturbance of any section, quarter, witness, or right of way monuments.
4)	Any monument disturbed during the course of construction, shall be reset by the Anoka County Surveyor's Office at the expense of the applicant.
ATT	ACHING TO BRIDGES/STRUCTURES
1)	No utility is permitted to be hung from, or otherwise attached to, any bridge or structure without having detailed plans approved by the Anoka County Engineer. These plans are to show approaches to the structure, method of installation, type, and dimension of housing for the utility.
AD	DITIONAL PROVISIONS
1)	All subcontractors, installers, and crew shall possess a copy of all documents in relation to the approved permit prior to the commencement of work and be kept on site. This includes, but it not limited to the following: a) Approved permit
	b) Any/all traffic control plans and/or layouts
2)	Shall notify Andrea Schmid at 763-324-3128 or andrea.schmid@anokacountymn.gov
	a) At least 36 hours prior to the commencement of work
	 b) When there is any change to traffic control set up (ex: stage 1 to stage 2) c) When work is complete - including restorations
3)	No work during inclement weather or when plows are out in any capacity
4)	All traffic control shall be in accordance with the most current version of the MnDOT Temporary Traffic Control Field Manual
5)	Pits/excavations are to be protected at all times and then backfilled when unattended and/or overnight
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INITIAL	Ck

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No additional comments.



2021.501 2102.503 2102.518	11.501 MOBILIZATION	Unit	TOTAL PROJECT QUANTITIES ESTIMATED	ANOKA COUNTY 002-601-063 ROADWAY	CITY OF COON RAPIDS	PARTICIPATING CITY OF COON RAPIDS 23-14	
2102.503				QUANTITIES	ROADWAY QUANTITIES ESTIMATED	ROADWAY QUANTITIES ESTIMATED	SPEC NO 2357 502 BITUMINO
		LUMP SUM	1	0.63	0.28	0.09	2360.501 TYPE SP1
2102.518		LIN FT	210	210			2575.508 SEED MIX
		SQ FT	48	48			2575.508 HYDRAUL 2575.508 FERTILIZE
2104.502		EACH	2	1		1	2575.506 FERTILIZE
2104.502		EACH	4	2		2	
2104.502		EACH	1	1		1	
				78			
2104.503		LIN FT	390	276		114	TAB.
2104.504		SQ YD	502	69		433	A REMO
2104.518	4.518 REMOVE CONCRETE WALK	SQ FT	1621	1366		255	B AGGRA C CONCE
2104.518		SQ FT	77	77			D TURF E
2105.607		CU YD	80	40		40	BIONE
2211.509							
2357.506	7.506 BITUMINOUS MATERIAL FOR TACK COAT			20			
				- 07		120	
				27		1	THE FOLLOWING STANDA
				- 1	<u> </u>		ON THIS PROJECT
				t'		1	
				96			PLATE NO.
		SQ FT					4101D RING CAST
2521.602		EACH	80	80			4108F ADJUSTING
2531.503		LIN FT	56	56			7038A DETECTAB 710011 CONCRETE
2531.503	1.503 CONCRETE CURB AND GUTTER DESIGN B618	LIN FT	412	106	106	200	71001 CONCRETE 7113A CONCRETE
2531.602		EACH	2	2			8000K TEMPORAR
2531.603		LIN FT	24	24			SEE TRAFFIC CONTROL S
	1.618 TRUNCATED DOMES					10	
				0.00			
					0.20	0.09	
				20	-	1	
2564.618				14.50			
2565.501		LUMP SUM	1	0	1	20.00	
2565.501		LUMP SUM	1	1			
2565.516		SYSTEM	1	0.5	0.5		
2565.616	5.616 VIDEO DETECTOR SYSTEM	SYSTEM	1	1			
2565.616	5.616 TEMPORARY SIGNA_ SYSTEM	SYSTEM	1	1			
2573.501		LUMP SUM	1	1			
2573.502						2	
	4.50/ COMMON TOPSOIL 30RROW			18	┣	20	
				+		20	
		POUND			_	360	
2582.503		LIN FT	24	1	_	24	
2582.518		SQ FT	250			250	
2582.518		SQ FT	846	846			
2582.603		LIN FT	139	139			
	21022222222222222222222222222222222222	2104.502 SALVAGE CASTING 2104.503 SALVAGE SIGN TYPE C 2104.503 SAVING ENTUMINOUS PAVEMENT (FULL DEPTH) 2104.503 SAVING BITUMINOUS PAVEMENT (FULL DEPTH) 2104.503 SAVING BITUMINOUS PAVEMENT (FULL DEPTH) 2104.503 REMOVE CURB ANE GUTTER 2104.510 REMOVE CONCRETE WALK 2104.511 REMOVE CONCRETE WALK 2104.512 REMOVE CONCRETE WALK 2104.513 REMOVE CONCRETE WALK 2104.514 REMOVE CONCRETE WALK 2104.515 REMOVE CONCRETE WALK 2105.607 COMMON EXCAVATON 2315.050 BITUMINOUS MATERIAL FOR TACK COAT 2360.509 TYPE SP 9.5 WEARING COURSE MMCURE (2C) 2360.509 TYPE SP 12.5 BITUMINOUS MIXTURE FOR PATCHING 2524.602 DAJUST VALVE BOX 2506.502 CASTING ASSEMBLY 2506.502 INSTALL CASTING 2521.518 4" CONCRETE WALK 2521.518 4" CONCRETE CURB AND GUTTER DESIGN B612 2531.503 CONCRETE CURB AND GUTTER DESIGN B612 2531.503 CONCRETE CURB AND GUTTER DESIGN B612 2531.6103 TRAFFIC CONTROL SUPERVISOR	2104.502 SALVAGE CASTING EACH 2104.503 SALVAGE SIGN TYPE C EACH 2104.503 SAVING CONCRETE PAVEMENT (FULL DEPTH) LIN FT 2104.503 SAVING BITUMINOUS PAVEMENT (FULL DEPTH) LIN FT 2104.503 REMOVE CURB AND GUTTER LIN FT 2104.503 REMOVE CONCRETE WALK SQ YD 2104.518 REMOVE CONCRETE WALK SQ FT 2104.518 REMOVE CONCRETE WALK SQ FT 2104.518 REMOVE CONCRETE WALK SQ FT 2105.607 COMMON EXCAVATON CU YD 2375.506 BITUMINOUS MATERIAL FOR TACK COAT GALLON 2360.509 TYPE SP 9.5 WEARING COURSE MIXTURE FOR PATCHING TON 2506.502 CASTING ASSEMBLY EACH 2506.502 INSTALL CASTING EACH 2521.518 4° CONCRETE WALK SQ FT 2521.502 DRUL AND GOUT REINF BAR (EPOXY COATED) EACH 2521.503 CONCRETE CURB AND GUTTER DESIGN B612 LIN FT 2531.503 CONCRETE CURB AND GUTTER DESIGN B612 LIN FT 2531.603 CONCRETE CURB AND GUTTER DESIGN B618 LIN FT	2104.502 SALVAGE CASTING EACH 1 2104.503 SALVAGE SIGN TYPE C EACH 1 2104.503 SAWING CONCRETE PAVEMENT (FULL DEPTH) LIN FT 109 2104.503 SAWING BITUMINOUS PAVEMENT (FULL DEPTH) LIN FT 390 2104.503 REMOVE CURB ANE GUTTER LIN FT 390 2104.518 REMOVE CONCRETE WALK SQ FD 502 2104.518 REMOVE CONCRETE WALK SQ FT 77 2105.607 COMMON EXCAVATON CU YD 80 2211.509 AGGREGATE BASE CLASS 5 TON 124 2357.506 BITUMINOUS MATERIAL FOR TACK COAT GALLON 45 2360.509 TYPE SP 9.5 WEARING COURSE MX'URE (2C) TON 120 2360.502 CASTING ASSEMBLY EACH 1 2506.502 INSTALL CASTING EACH 1 2521.518 4" CONCRETE WALK SQ FT 306 2521.502 DRUL AND GOUT REINF BAR (EPOXY COATED) EACH 1 2521.503 CONCRETE WALK SQ FT	2104.502 SALVAGE CASTING EACH 1 2104.502 SALVAGE CASTING EACH 1 2104.503 SAWING CONCRETE PAVEMENT (FULL DEPTH) LIN FT 109 78 2104.503 SAWING BITUMINOUS PAVEMENT (FULL DEPTH) LIN FT 390 276 2104.503 REMOVE CIRC BANC GUTTER LIN FT 390 276 2104.518 REMOVE CONCRETE WALK S0 FT 177 77 2105.500 CONCRETE WALK S0 FT 77 77 2105.501 COMON EXCAVATION CU YD 80 40 2215.506 BITUMINOUS MATERIAL FOR TACK COAT GALLON 45 20 2360.509 TYPE SP 9.5 WARAING CONCRET WALK CO TON 120 2360.502 INSTALL CASTING EACH 1 22 2506.502 CASTING ASSEMBLY EACH 1 22 251.516 CONCRETE WALK S0 FT 306 96 2521.517 CONCRETE WALK S0 FT 306 96 <	2104 502 SALVAGE CASTING EACH 1 2104 503 SAVINGS CONCRETE PAVEMENT (FULL DEPTH) LIN FT 109 78 2104 503 SAVINGS CONCRETE PAVEMENT (FULL DEPTH) LIN FT 654 519 2104 503 SAVING BITUMINOUS PAVEMENT (FULL DEPTH) LIN FT 390 276 2104 504 REMOVE CONCRETE WALK SQ FT 177 77 2104 503 REMOVE CONCRETE WALK SQ FT 77 77 2105 607 COMMON EXCAVATION CU YD 80 40 2114 518 REMOVE CONCRETE WALK SQ FT 77 77 2105 607 COMMON EXCAVATION CU YD 80 40 2211 509 ACGREGATE BASE CLASS 5 TON 124 34 205 500 INTHE INAL FOR TACK COAT GALLON 45 20 2105 507 COMONE TEXCAVATING EACH 1	2104 502 SALVAGE CASTING EACH 1 1 2104 502 SALVAGE SCANTYPE C EACH 1 78 31 2104 502 SALVAGE SCANTYPE C EACH 1 78 31 2104 503 SAVINS BITUMOUS PAVEMENT (FLIL DEPTH) LIN FT 684 519 135 2104 503 REMOVE CURB AND GUTTER LIN FT 684 519 135 2104 518 REMOVE CONCRETE WALK S0 FT 177 77 - 2104 518 REMOVE CONCRETE WALK S0 FT 177 77 - - 2105 607 COMANN ERCALATON GU YD 60 40 40 - 21 2215 5007 COMANN ERCALATON GU YD 50 40 40 - 20 22 - 20 22 20

	BASIS OF QUA	ANTITIES
SPEC NO	DESCRIPTION	RATE
2357.502	BITUMINOUS MATERIAL FOR TACK COAT	0.05 GAL / SQ YD / LIFT
2360.501	TYPE SP12.5 WEARING COURSE MIXTURE	115 LBS / SQ YD / IN
2575.508	SEED MIXTURE 25-121	61 LBS / ACRE
2575.508	HYDRAULIC REINFORCED FIBER MATRIX	3900 LBS / ACRE
2575.508	FERTILIZER TYPE 3	350 LBS / ACRE

	INDEX OF TABULATION CHARTS	
TAB.	DESCRIPTION	SHEET NO.
A	REMOVALS, SAWING AND COMMON EX	3
В	AGGRAGATE & BITUMINOUS SUMMARY	3
С	CONCRETE	3
D	TURF ESTABLISHMENT AND EROSION CONTROL	3

THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT

	MNDOT STANDARD PLATES
PLATE NO.	CESCRIPTION
4101D	RING CASTING FOR MANHOLE OR CATCH BASIN
4108F	ADJUSTING RINGS FOR CATCH BASINS AND MANHOLES
7038A	DETECTABLE WARNING SURFACE TRUNCATED DOMES
710011	CONCRETE CURD AND GUTTER (DESIGN & AND DESIGN V)
7113A	CONCRETE APPROACH NOSE DETAIL
8000K	TEMPORARY CHANNELIZERS (3 SHEETS)
SEE TRAFFIC	C CONTROL SIGNAL SYSTEM PLANS ON PAGE 29 FOR MORE STANDARD PLATES

STATEMENT OF ESTIMATED QUANTITIES

Sheet 2 of 43 Sheets

						REMOVE	(SPEC. 21	04)	SAWING (SPEC. 2104)									2360 BITUMINOUS	2357 BIT	1
LOCATION ALIGNMEN	IT STATION	то	STATION	OFFSET	BIT. PAVEMENT	CONC. MEDIAN	CONC. WALK	CONC. CURB & GUTTER		CONC. PAVEMENT	(SPEC. 2106)	NOTES	LOCATION	ALIGNMENT	STATION	то	STATION	OFFSET	PATCHING MIXTURE TON	TACK COAT GAL	+
					(SQ YD)	(SQ FT)	(SQ FT)	(LIN FT)	(LIN FT)	(LIN FT)	(CU YD)		NORTH QUA		106+45		106+80	RT	4	3	1
NORTH QUAD 01NB 1	106+45	-	106+80	RT	12	,	204	49	58	10	10		EASTQUA		105+66		106+07	RT	4	3	1
EAST QUAD 01NB 1	105+66	-	106+07	RT	12		345	54	61	16	10	[1]	SOUTH QUA		15+76	-	16+10	LT	5	4	1
SOUTH QUAD 01SB 1	15+76	-	16+10	LT	20		590	55	73	20	10		WESTQUA		16+44	-	16+84	LT	4	3	1
WESTQUAD 01SB 1	16+44	-	16+84	LT	12		227	52	62	18	10		MEDIAN	01NB_1	105+68		105+88	LT	7	4	Ŧ
MEDIAN 01NB 1	105+68	-	105+88	LT	15	80		56	75	8			MEDIAN	01SB_1	16+66		16+83	RT	3	3	Ŧ
MEDIAN 01SB_1	16+66	-	16+83	RT	9	33		30	46	8]			-					Ŧ
		PROJ	ECT TOTAL		80	113	1366	296	375	80	40	-	-		P	ROJE	CT TOTAL		27	20	Γ

В

NOTES

AGGREGATE BASE CLASS

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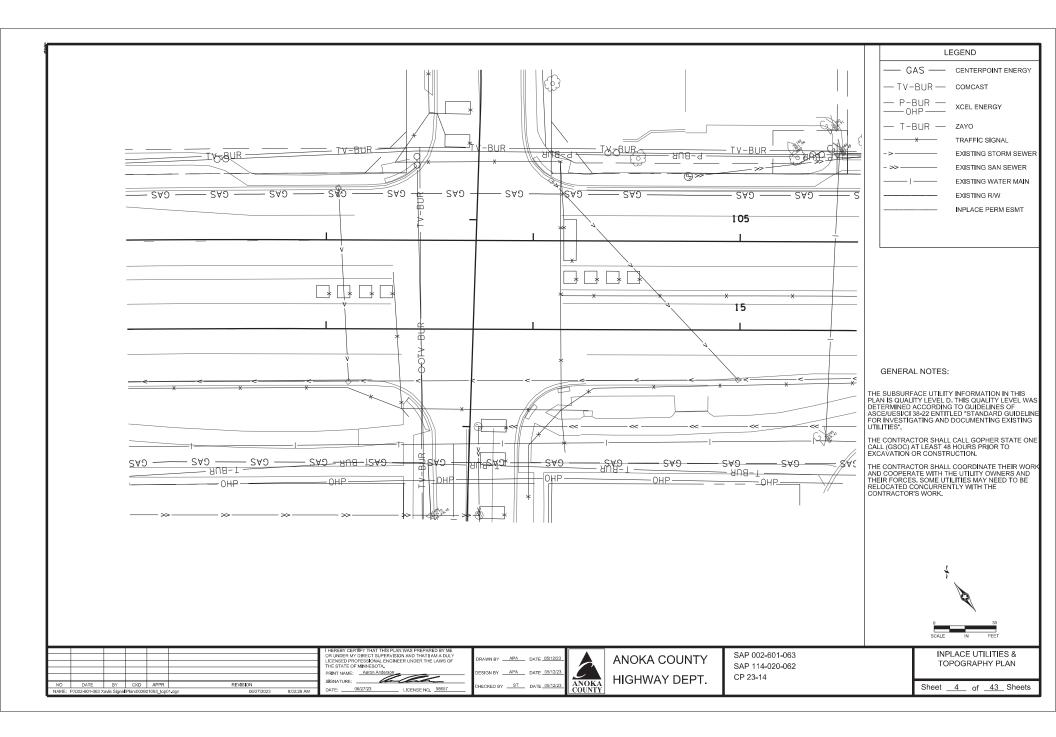
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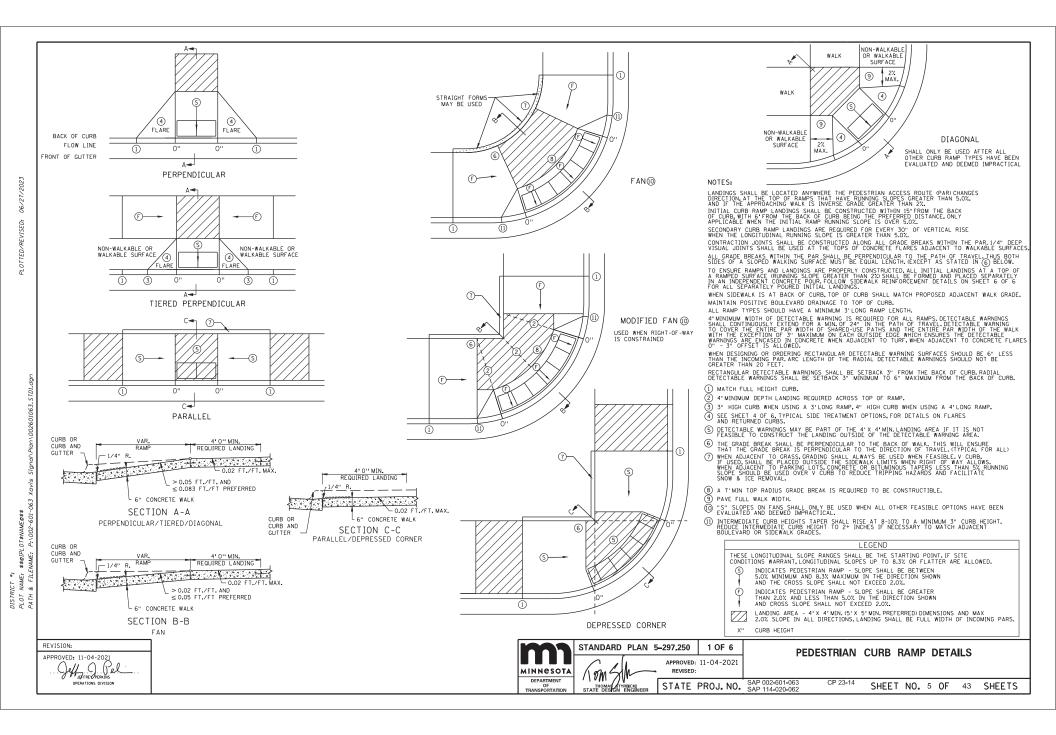
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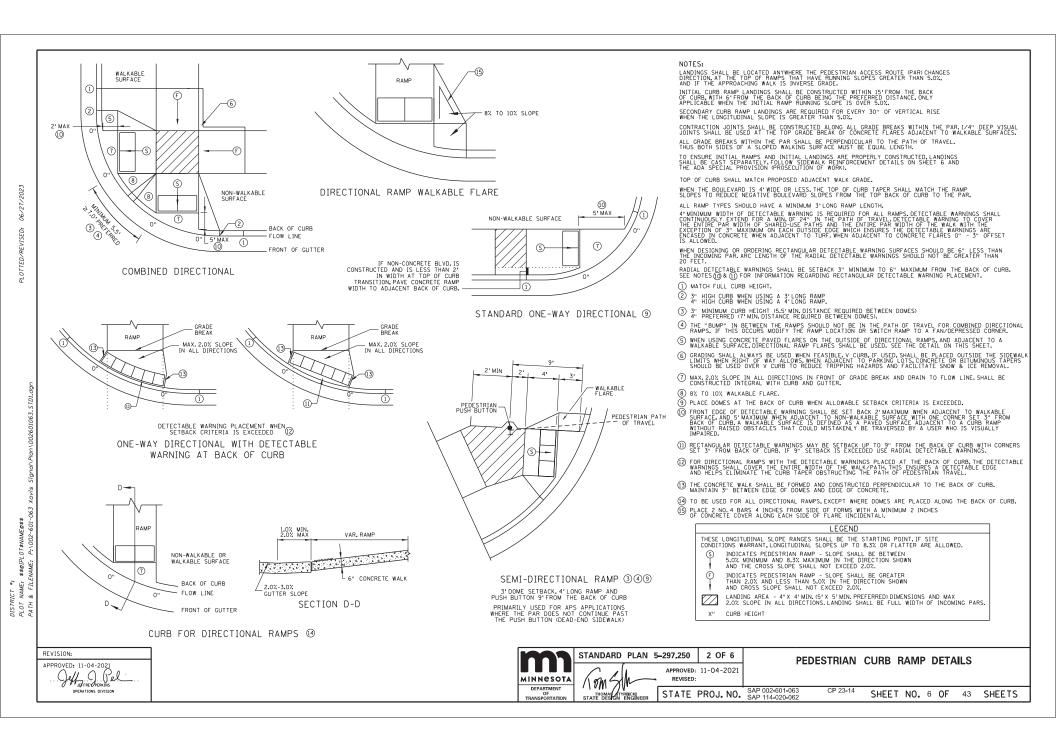
							CONCR	ETE						С
LOCATION	ALIGNMENT	STATION	то	STATION	OFFSET	CONCRETE CURB & GUTTER DESIGN B618		CONCRETE CURB DESIGN V10	6" CONCRETE WALK	4" CONCRETE WALK	DRILL AND GROUT REINF BAR (EPOXY COATED)	TRUNCATED DOMES	CONCRETE MEDIAN	CONCRETE MEDIAN NOSE SPECIAL
						LIN FT	LIN FT	LIN FT	SQ FT	SQ FT	EACH	SQ FT	SQ YD	EACH
NORTH QUAD	01NB_1	106+45	-	106+80	RT	50			217		20	36		
EAST QUAD	01NB_1	105+66	-	106+07	RT	54		24	387		20	24		
SOUTH QUAD	01SB_1	15+76	-	16+10	LT	56			602	96	20	24		
WEST QUAD	01SB_1	16+44	-	16+84	LT	52			295		20	24		
MEDIAN	01NB_1	105+68	-	105+88	LT		34						2	1
MEDIAN	01SB_1	16+66	~	16+83	RT		22						5	1
	_													
				PROJEC	CT TOTAL	212	56	24	1501	96	80	108	7	2

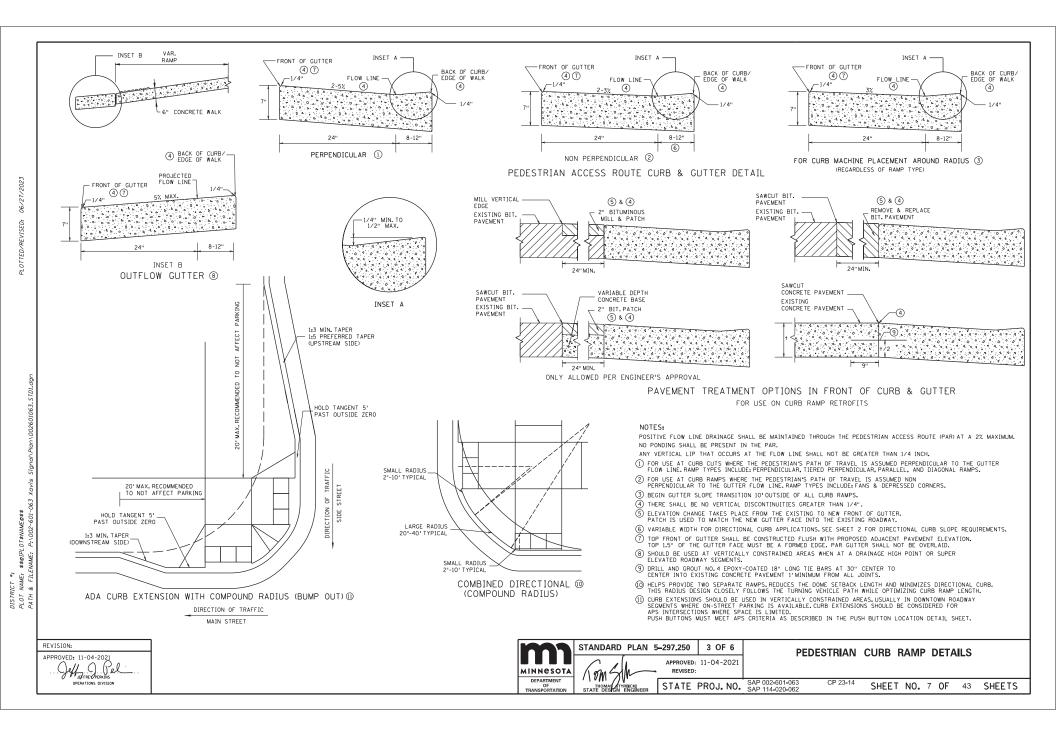
	TU	RF ES	ST/	ABLIS	HMEN	IT AND E	ROSION	I CONT	ROL		D
LOCATION	ALIGNMENT	STATION	то	STATION	OFFSET	STORM DRAIN INLET PROTECTION	COMMON TOPSOIL BORROW	SEEDING	SEED MIXTURE 25- 121	HYDRAULIC REINFORCED FIBER MATRIX	FERTILIZER TYPE 3
						EACH	CU YD	ACRE	POUND	POUND	POUND
NORTH QUAD	01NB_1	106+45		106+80	RT	1	4	0.01	1	39	3.5
EASTQUAD	01NB_1	105+66	-	106+07	RT	1	4	0.01	1	39	3.5
SOUTH QUAD	01SB_1	15+76	-	16+10	LT		5	0.01	1	39	3.5
WEST QUAD	01SB_1	16+44	-	16+84	LT	1	5	0.01	1	39	3.5
MEDIAN	01NB_1	105+68	-	105+88	LT						
MEDIAN	01SB_1	16+66	~	16+83	RT						
		PROJ	ECT	TOTAL		3	18	0.04	4	156	14

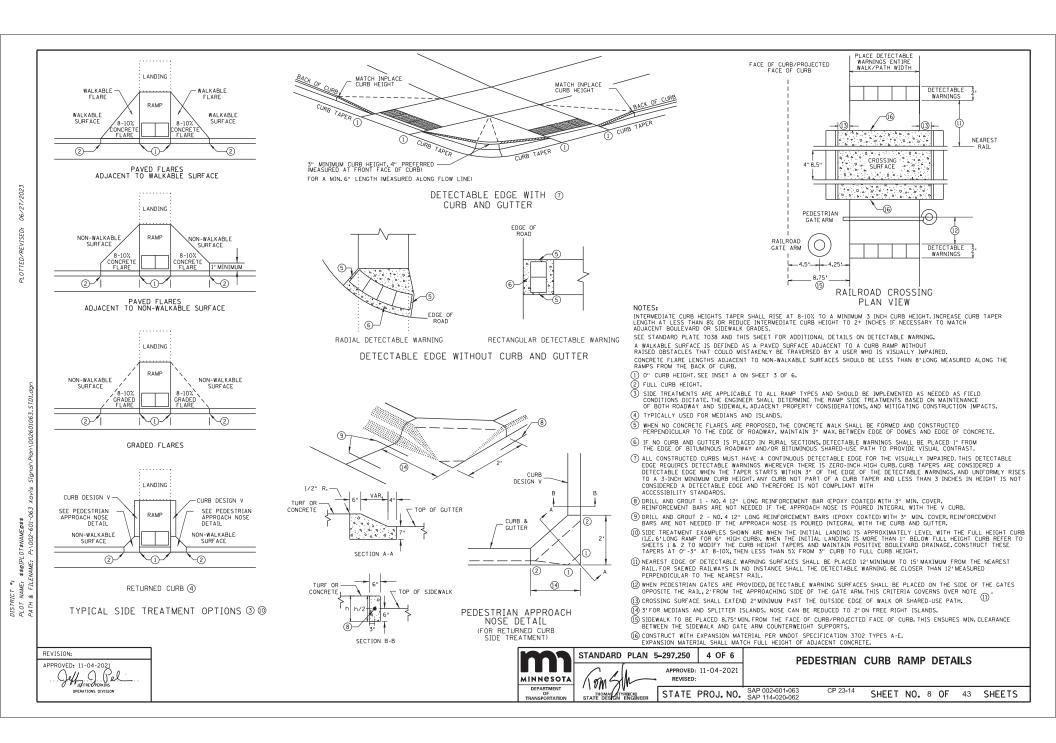
		OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF	DRAWN BY APA DATE	ANOKA COUNTY		TABULATIONS
		PRINT NAME: Aaron Anderson	DESIGN BY APA DATE 05/12/23		CP 23-14	
NO DATE BY CKO APPR REVISION Signature:	Y CKD APPR		CHECKED BY DATE DATE	HIGHWAY DEPT.		Sheet 3 of 43 Sheets

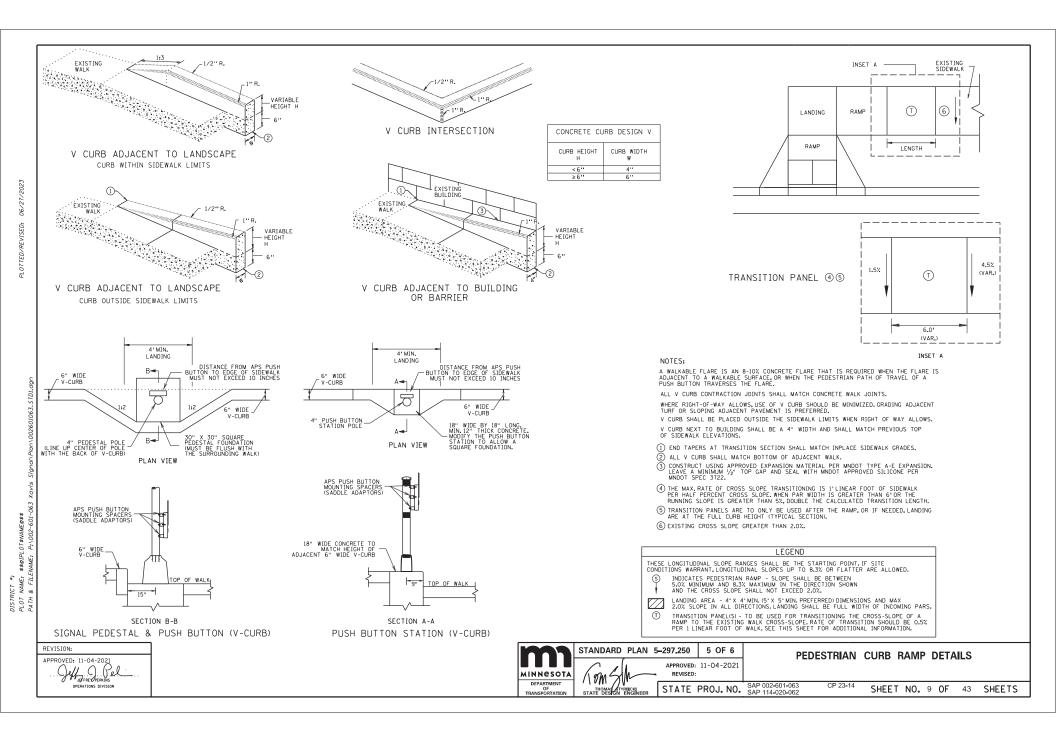


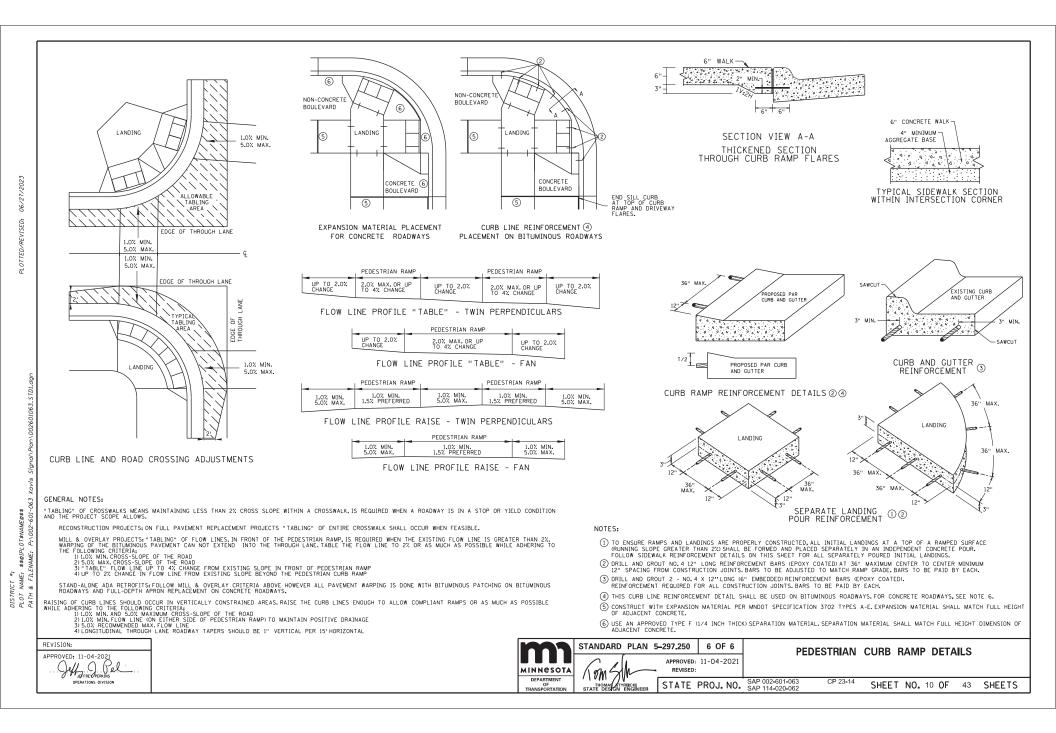


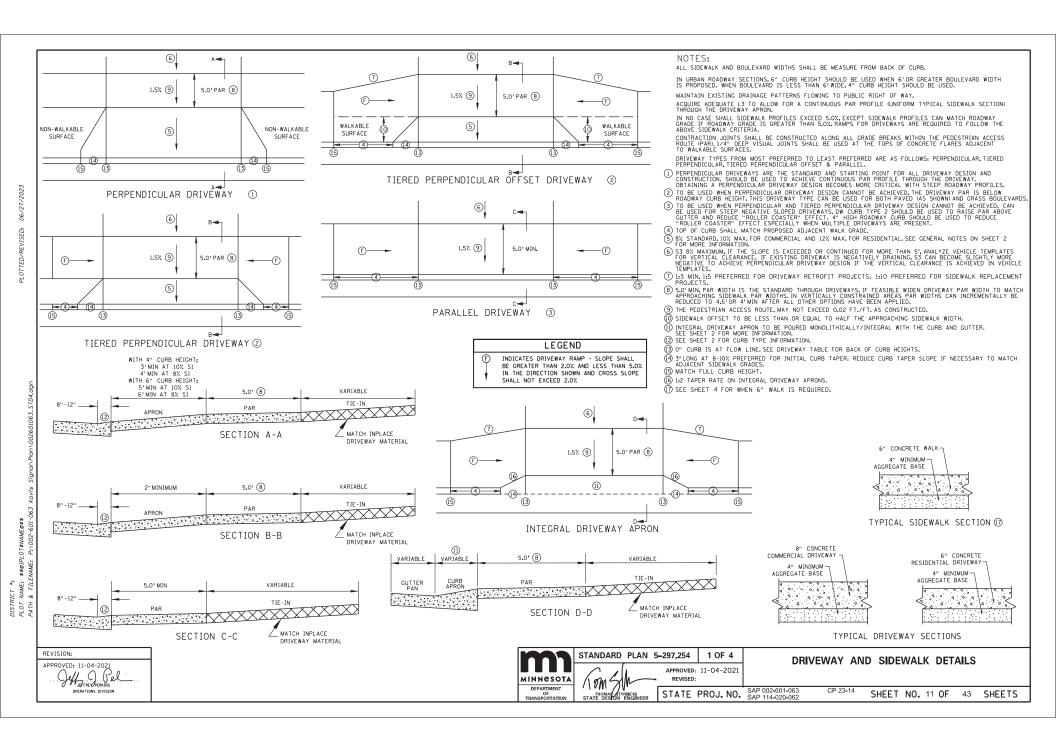


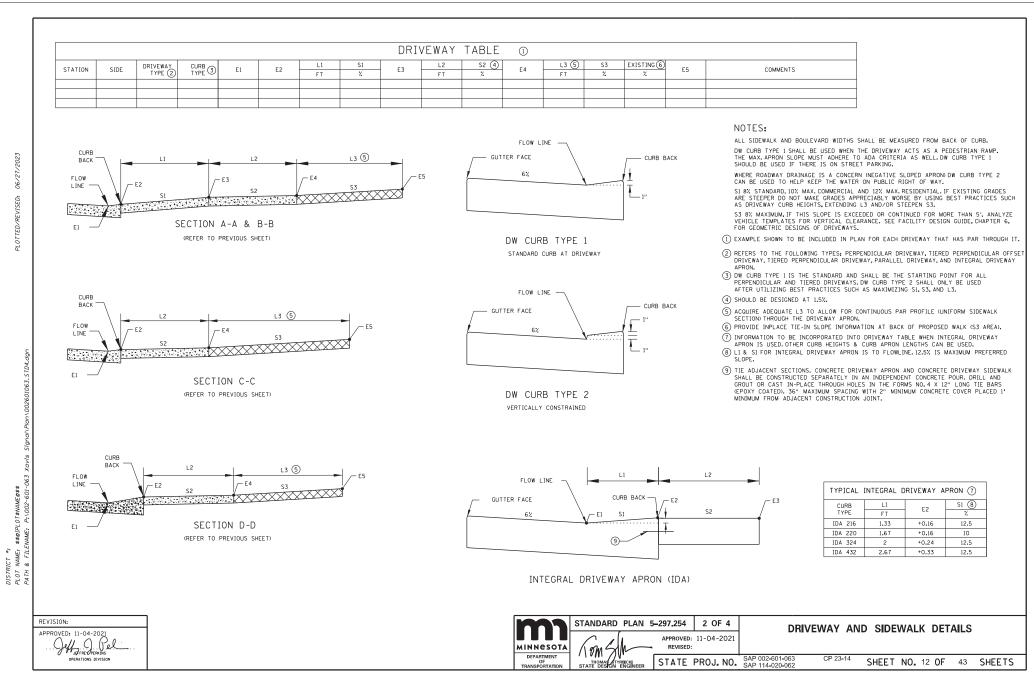


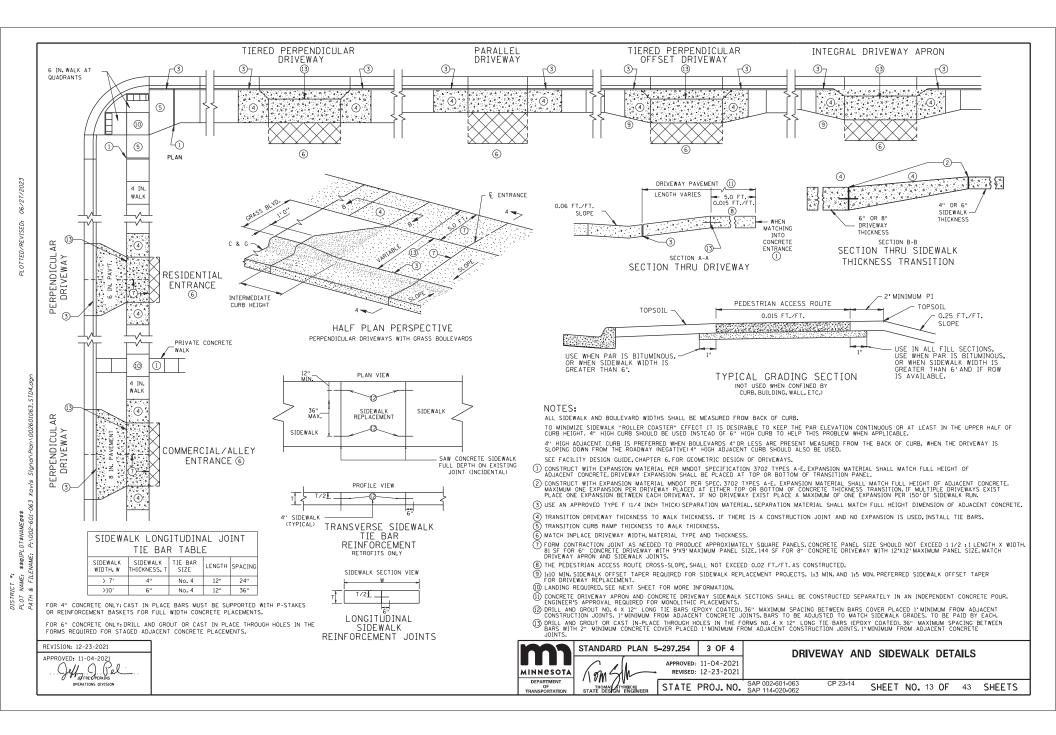


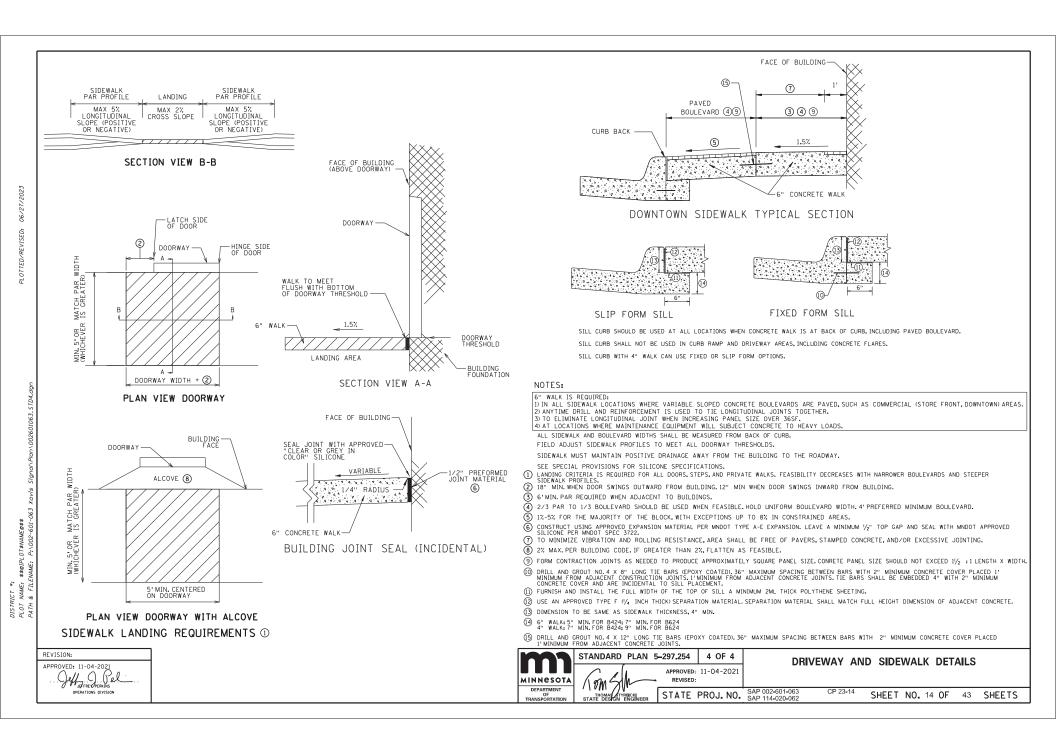


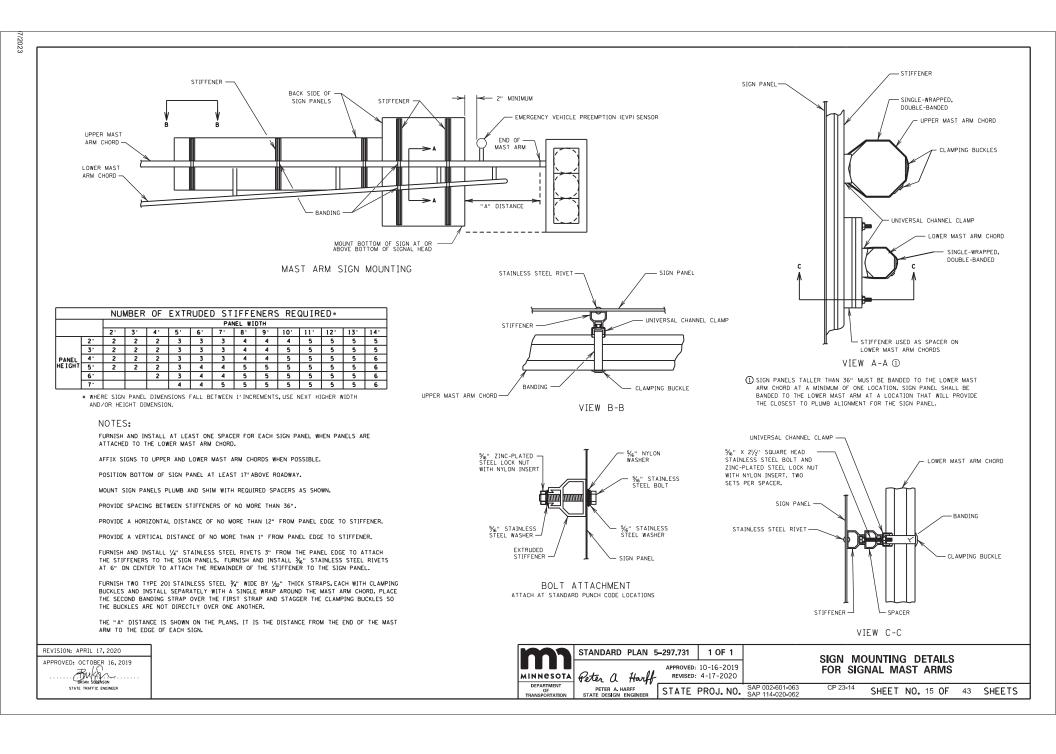


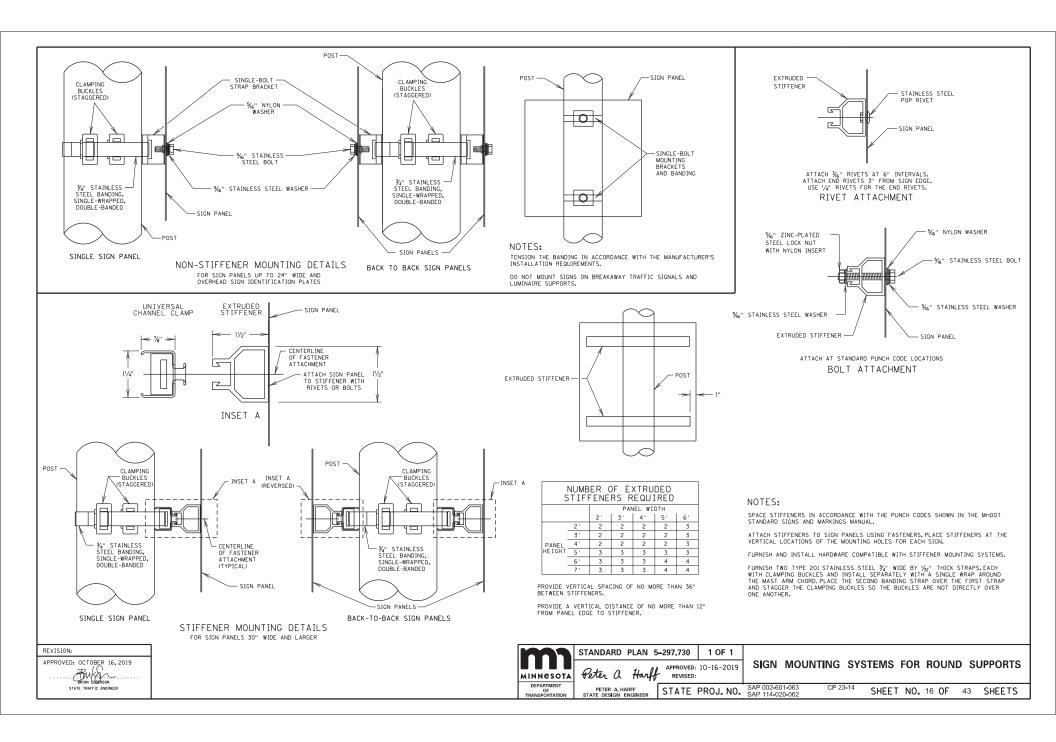


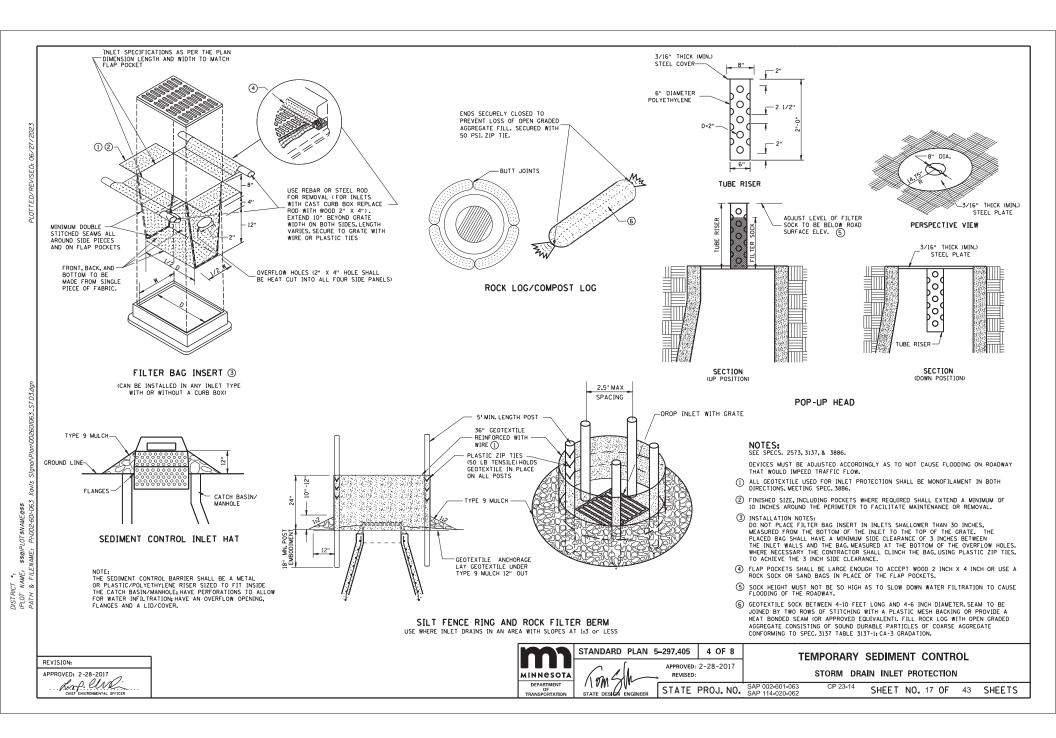


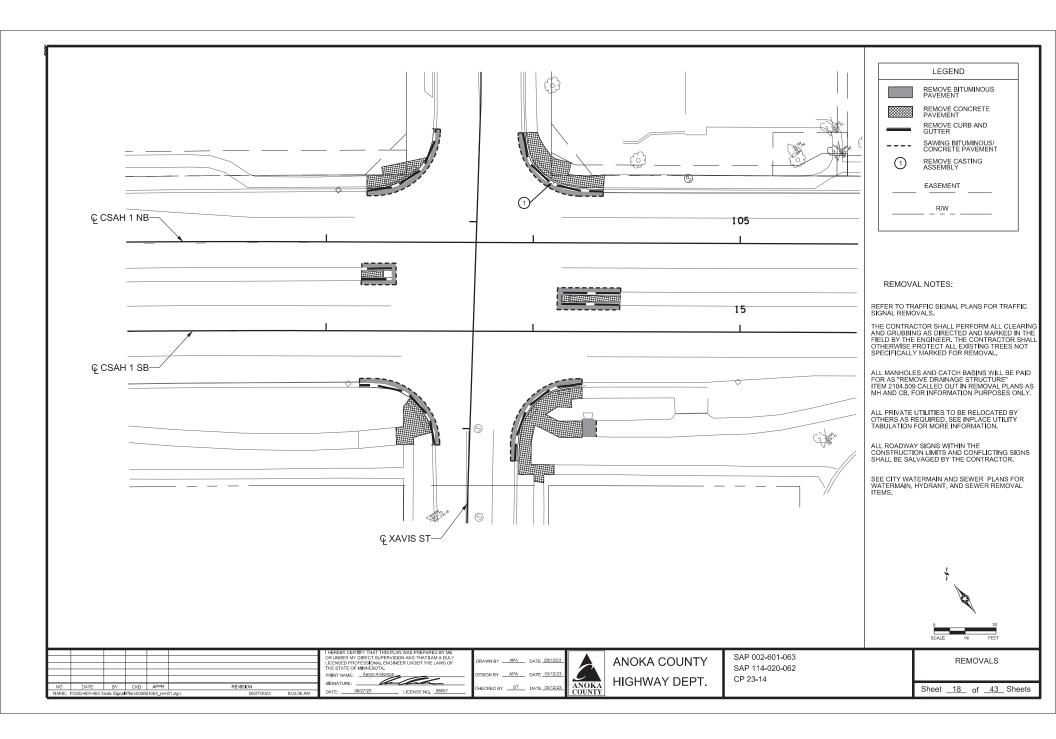


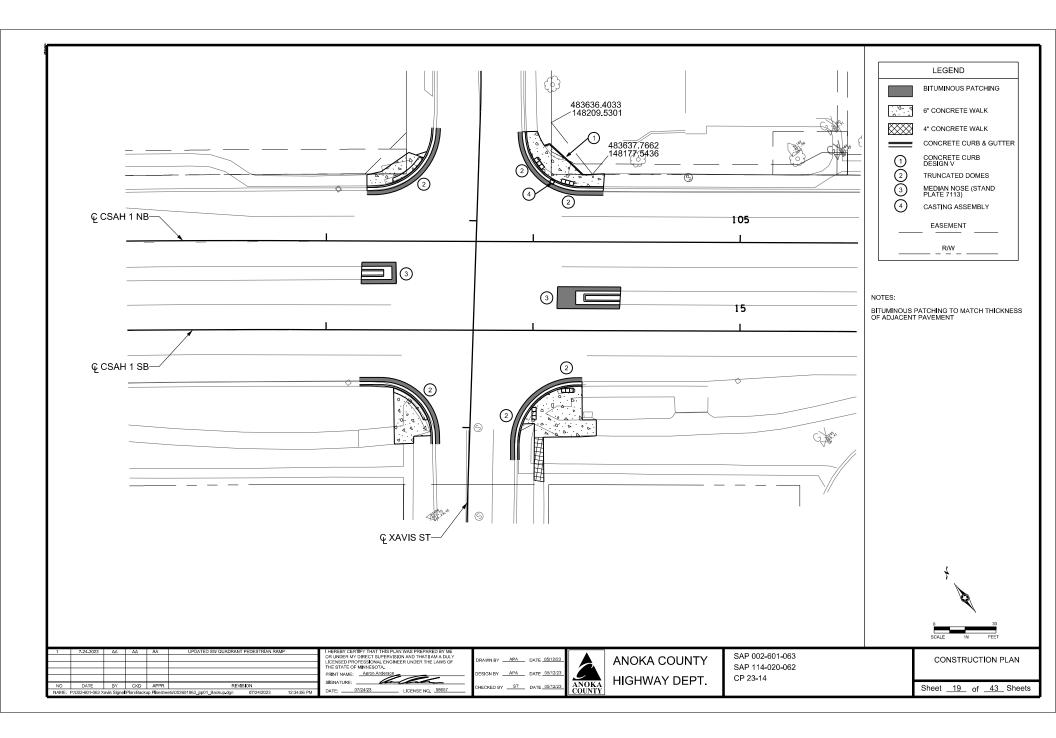


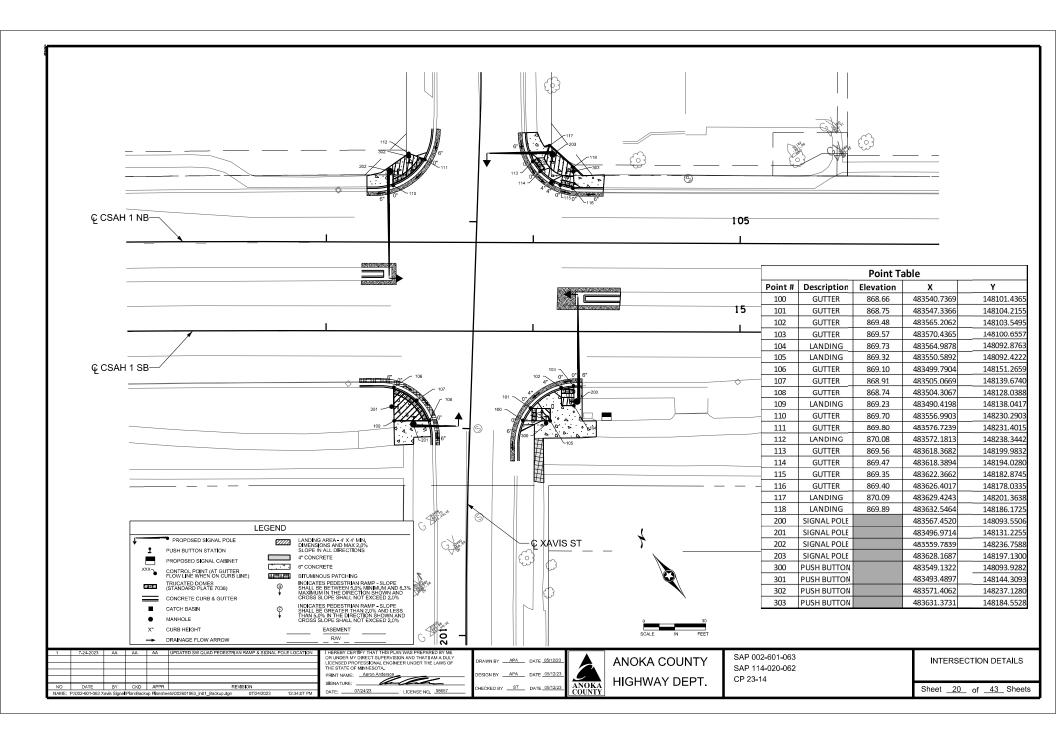


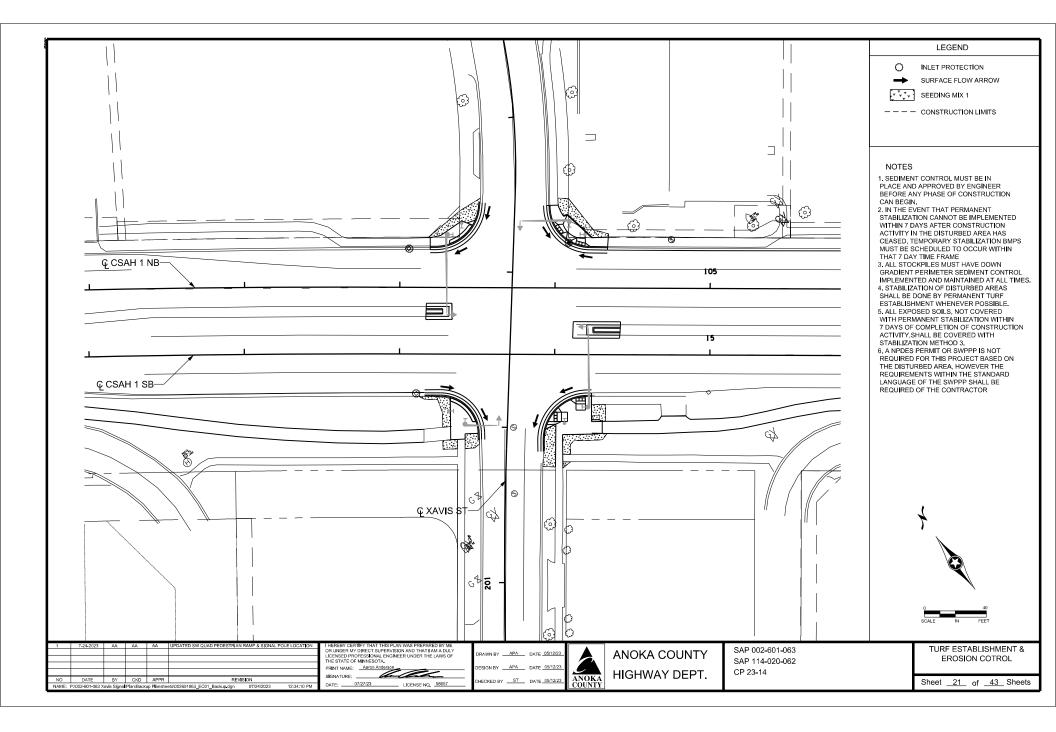


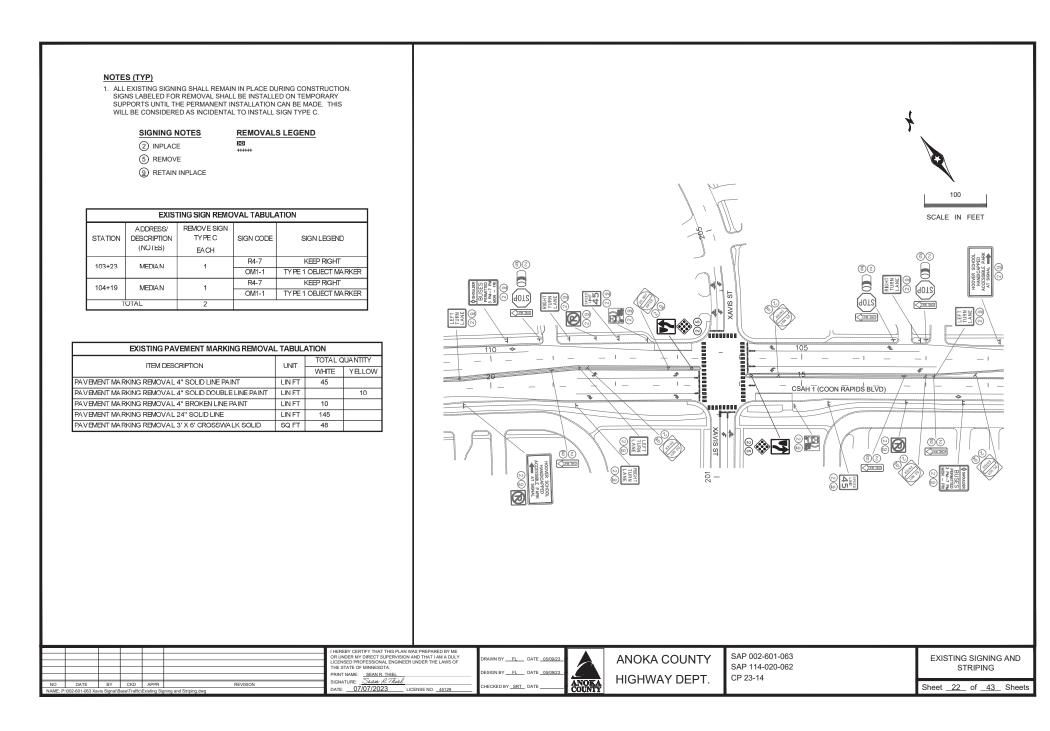












PERMANENT PAVEMENT MARKING PLAN **NOTES & GUIDELINES**

GENERAL INFORMATION:

- 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.
 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.
- PERMANENT PAVEMENT MARKINGS SHALL NOT BE PLACED OVER TEMPORARY TAPE MARKINGS.
 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.

PREFORMED THERMOPLASTIC:

1. THE PREFORMED THERMOPLASTIC MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS ON CLEAN AND DRY SURFACES. SEE SPECIAL PROVISIONS FOR PREFORMED THERMOPLASTIC MARKING SPECIFICATIONS.

PAVEMENT MA	ARKING SYMBOLS & MATI	ERIALS LEGEND
	CROSSWALK BLOCK	
	STRIPING KEY	
(-	OCTAGON - PREF THER	MO
1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S - SOLID B - BROKEN T - DOTTED D - DOUBLE SOLID	3RD DIGIT COLOR W - WHITE Y - YELLOW B - BLACK
EXAMPLE:	4SW) = 4" SOLID LINE WHITE	MULTI-COMP

					THE STATE OF MINNESOTAL	DRAWN BY <u>FL</u> DATE <u>05/09/23</u> DESIGN BY <u>FL</u> DATE <u>05/09/23</u>				2-601-063 4-020-062	PERMANENT PAVEMENT MARKING PLAN NOTES & GUIDELINES
NO NAME	DATE P:\002-601-063 X	BY avis Signal\B	APPR ermanent	REVISION Pavement Marking Plan Notes and Guidelines.dwg	SIGNATURE: <u>Sean R Thiel</u> DATE: <u>07/07/2023</u> LICENSE NO. <u>45129</u>	CHECKED BY <u>SRT</u> DATE	ANOKA COUNTY	HIGHWAY DEPT.	CF 23-	14	Sheet <u>23</u> of <u>43</u> Sheets

NOTES (TYP)

BY CKD APPR

- 1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE PLACED IN ACCORDANCE TO THE MOST RECENT EDITION OF THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL
- DEVICES (IMM MUTCD). ALL EXISTING SIGNING SHALL REMAIN IN PLACE DURING CONSTRUCTION. ANY SALVAGED AND REINSTALLED SIGNING SHALL BE INSTALLED ON TEMPORARY SUPPORTS UNTIL THE 2. PERMANENT INSTALLATION CAN BE MADE. THIS WILL BE CONSIDERED AS INCIDENTAL TO INSTALL SIGN TYPE C.
- SIGNS ATTACHED TO THE SIGNAL SYSTEM EQUIPMENT ARE INCLUDED IN THE SIGNAL 3. DESIGN WORK.
- 4
- SIGNS UNAFFECTED BY CONSTRUCTION HAVE BEEN OMITTED FROM PLAN. REFERENCE SIGNING AND STRIPING DETAILS SHEET AND PAVEMENT MARKING NOTES AND GUIDELINES SHEET FOR INSTALLATION DETAILS. 5.

SIGNING NOTES

(1) FABRICATE AND INSTALL

STRIPING KEY OCTAGON - PREF THERMO

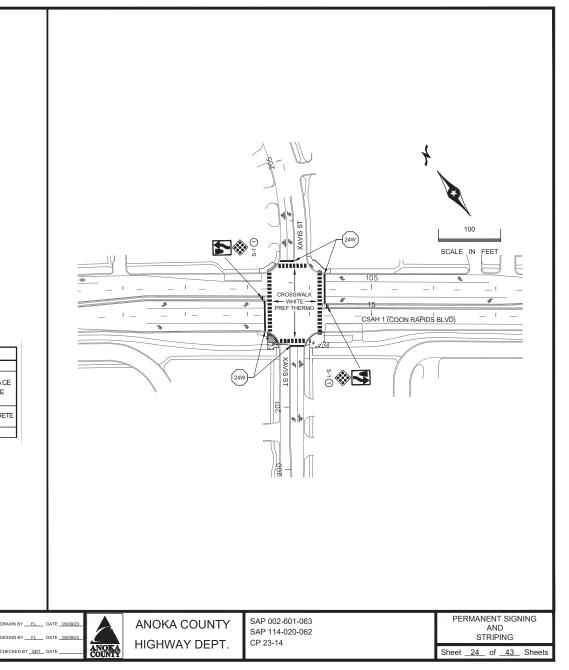
PERMANENT PAVEMENT MARKING TABULATION						
ITEM DESCRIPTION	UNIT	TOTAL QUANTITY				
		WHITE				
24" SOLID LINE STOP BAR PREFORMED THERMOPLASTIC	LIN FT	139				
3' X 6' CROSSWALK PREFORMED THERMOPLASTIC	SQ FT	846				

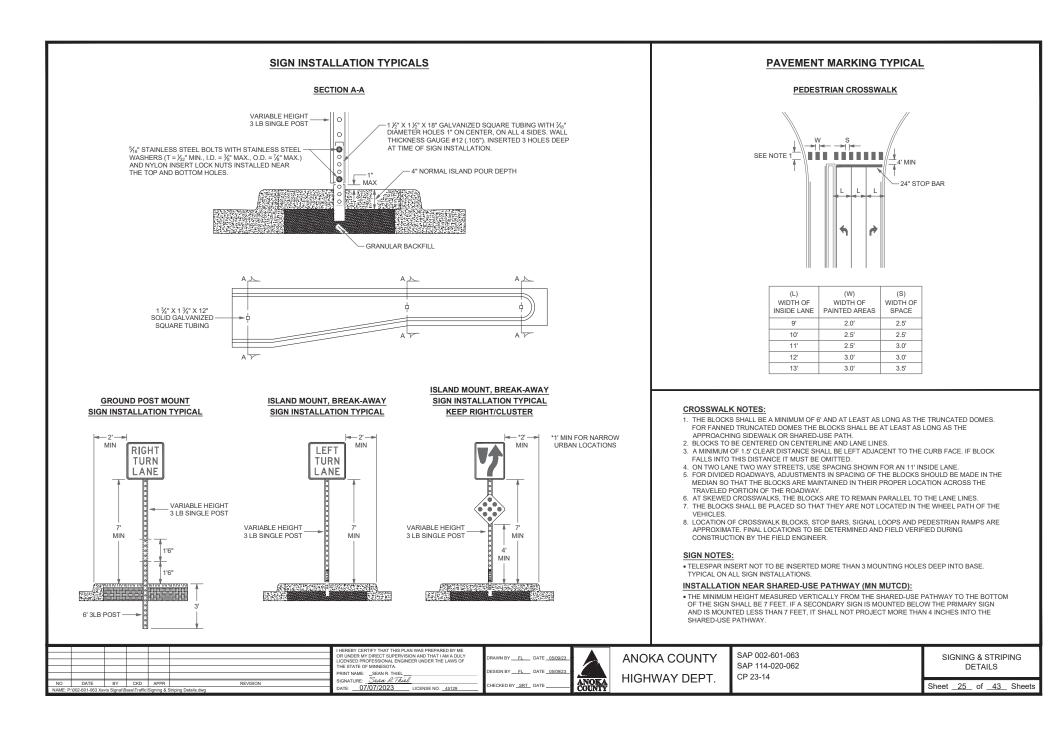
PERMANENT SIGNING TABULATION											
					POSTS / MOUNTING				PANEL		
SIGN NUMBER	SIGNS QTY	CODE NUMBER	PANEL LEGEND	TYPE	SIZE (WXH)	AREA	TOTAL AREA	MTG HT	NUMBER OF	SURFACE TY PE	
	EACH				INCH	SQ FT	SQ FT		POSTS		
€-1	2	R4-7	KEEP RIGHT	С	24 X 30	5.00	10.00	7.0	1	CONCRETE	
	2	OM1-1	TYPE 1 OBJECT MARKER	С	18 X 18	2.25	4.50	7.0	'	CONVINE	
TOTAL AREA = 14.50											

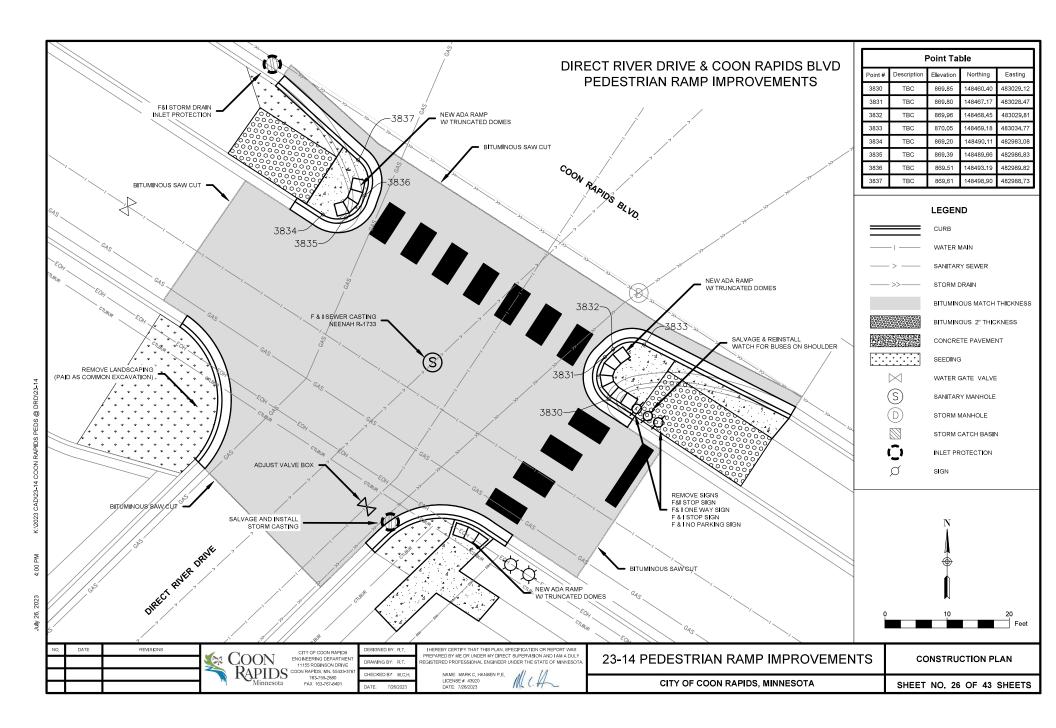
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL. ENGNERER UNDER THE LAWS OF THE STATE OF MINNESOTA PINIT NAME. SEAN R. THEL SIGNATURE: SEAN R. THEL SIGNATURE: SEAN R. THEL SIGNATURE: JUSTICE NO. MICH.

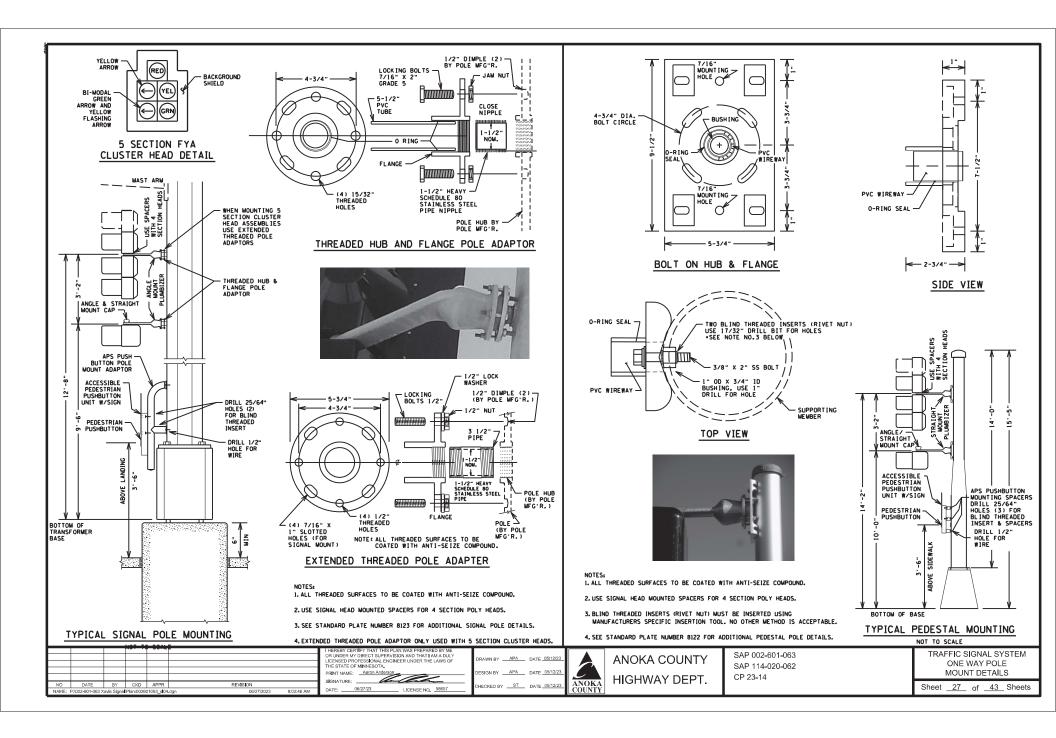
07/26/2023 LICENSE NO. 45129

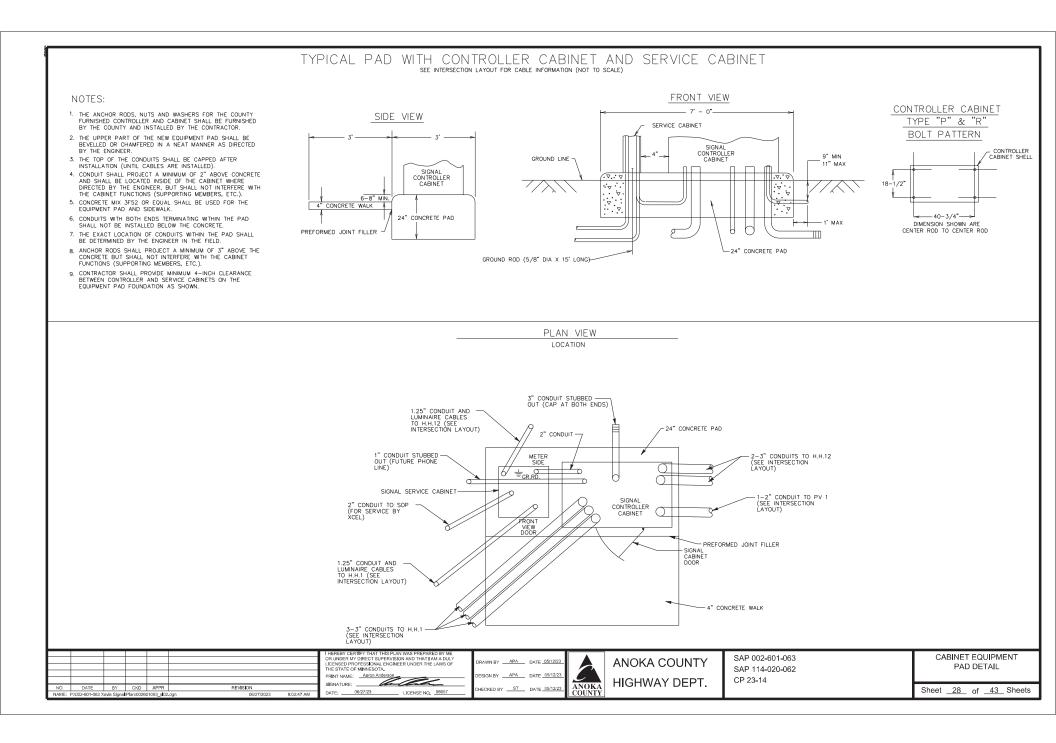
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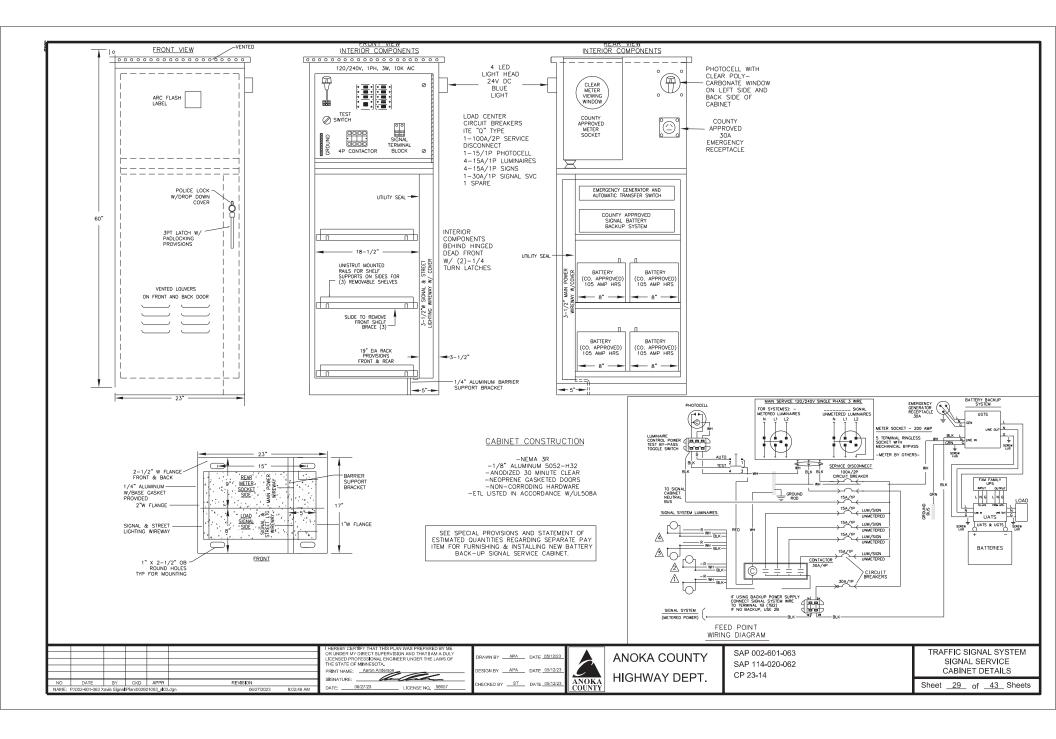


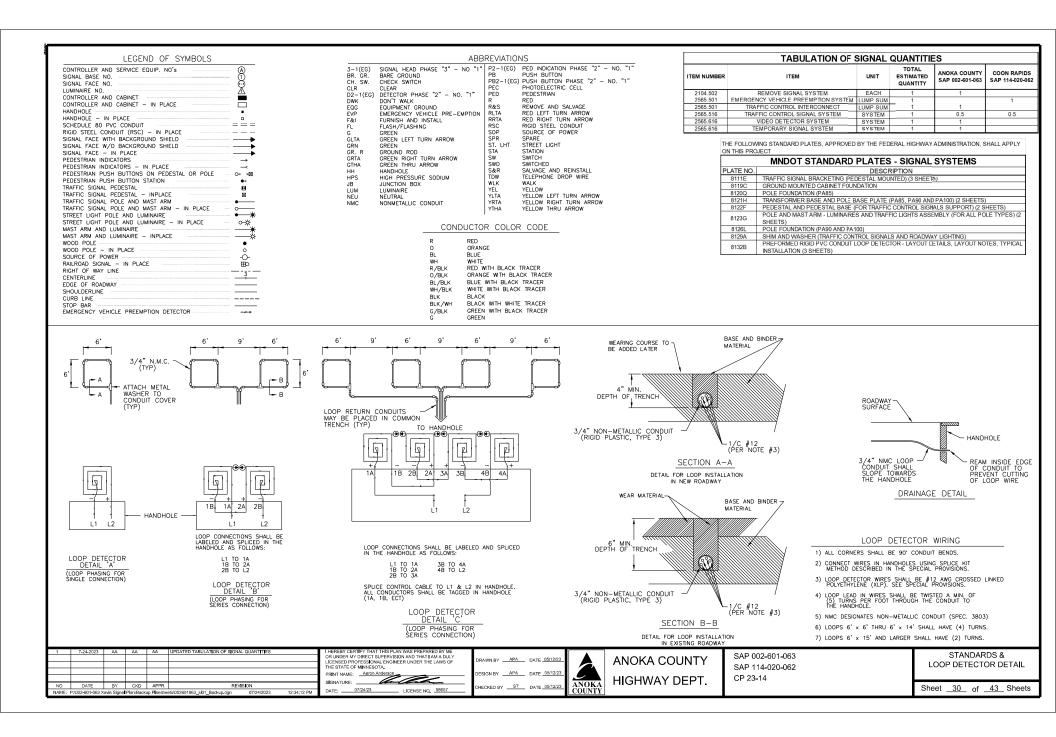


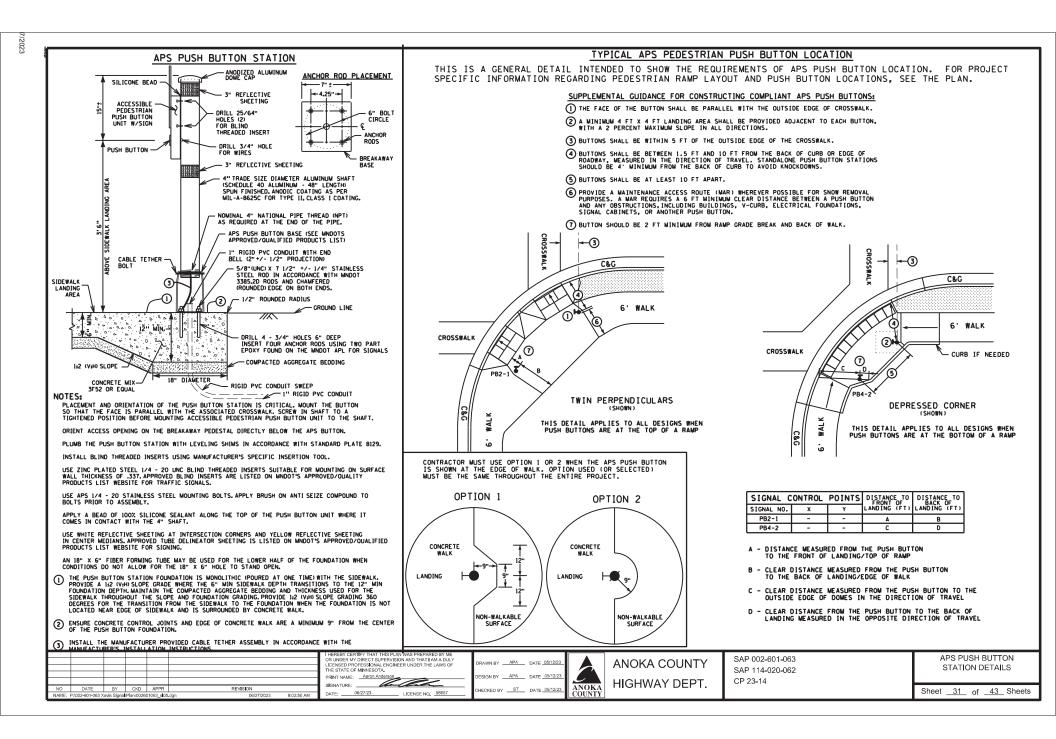


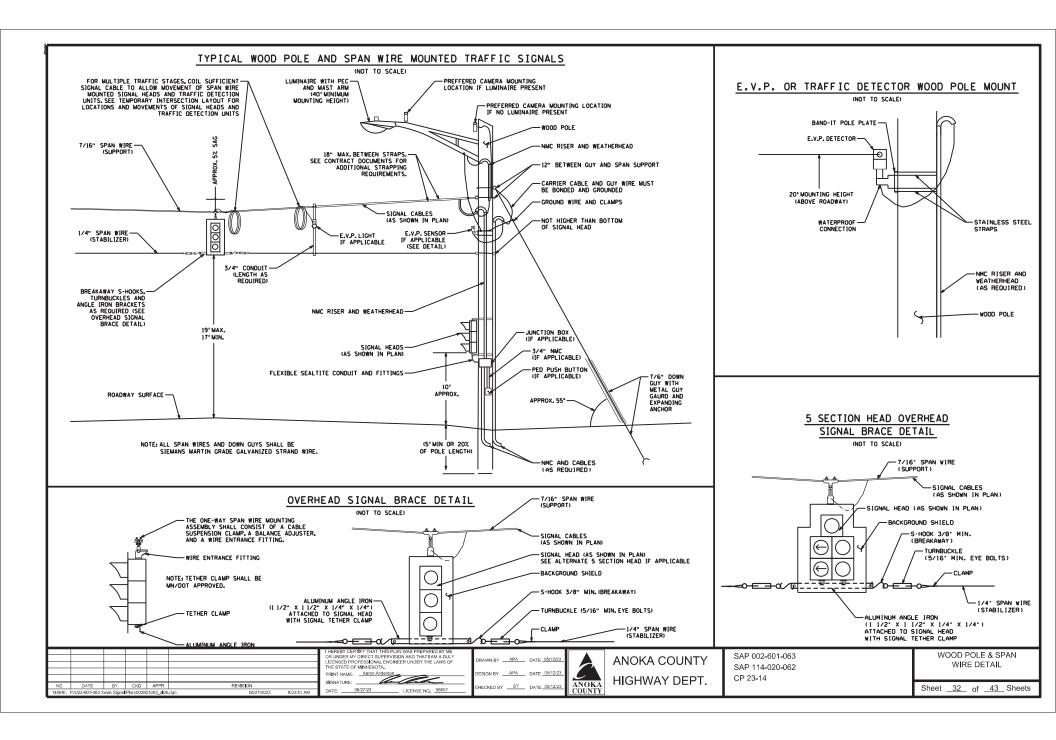






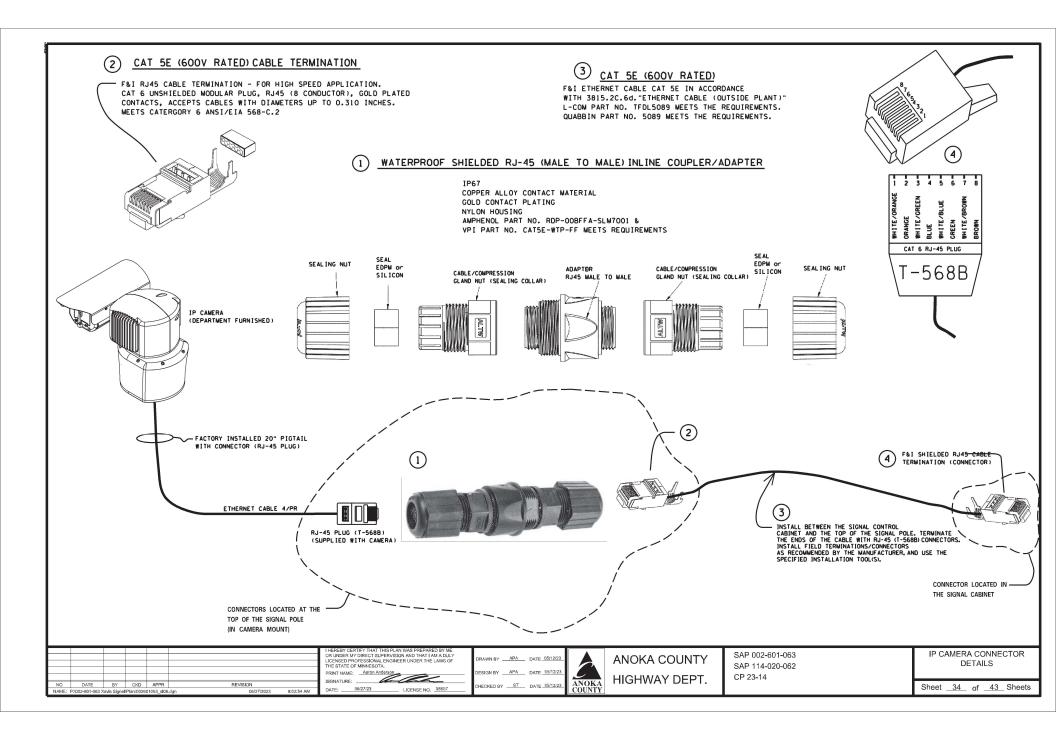


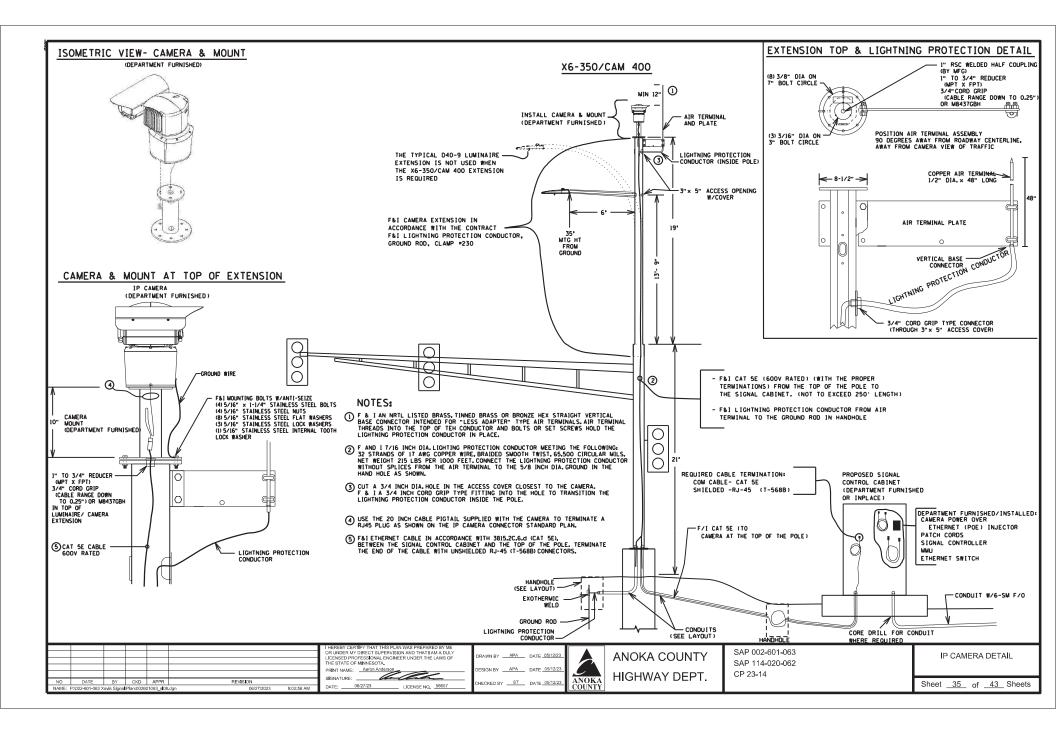


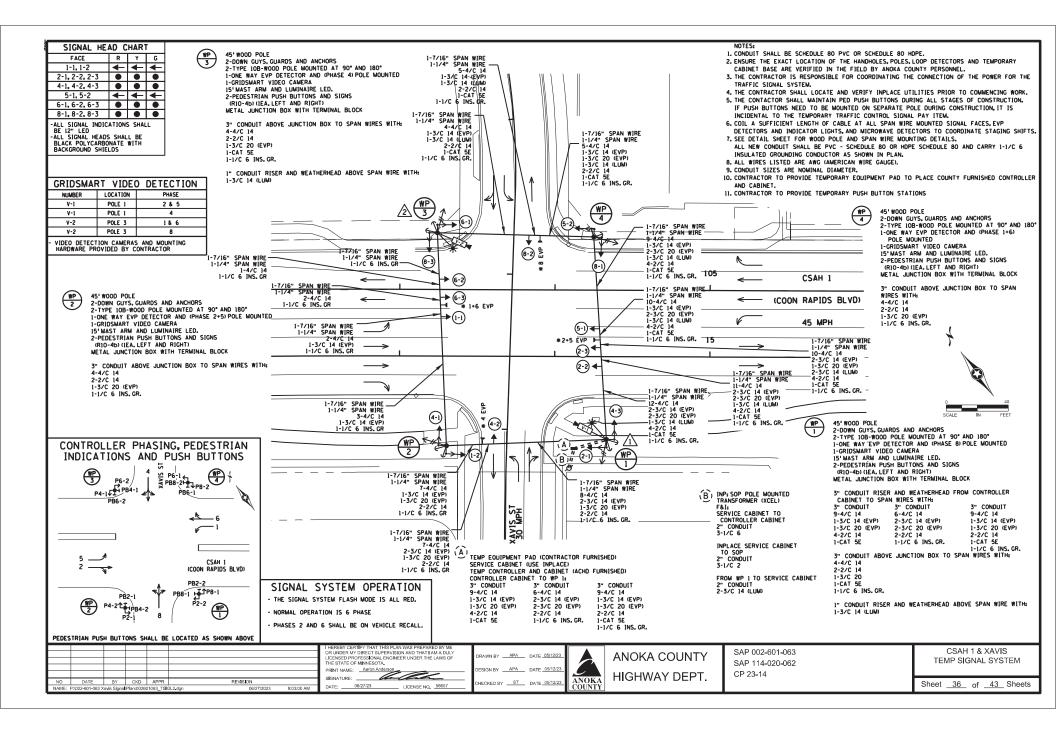


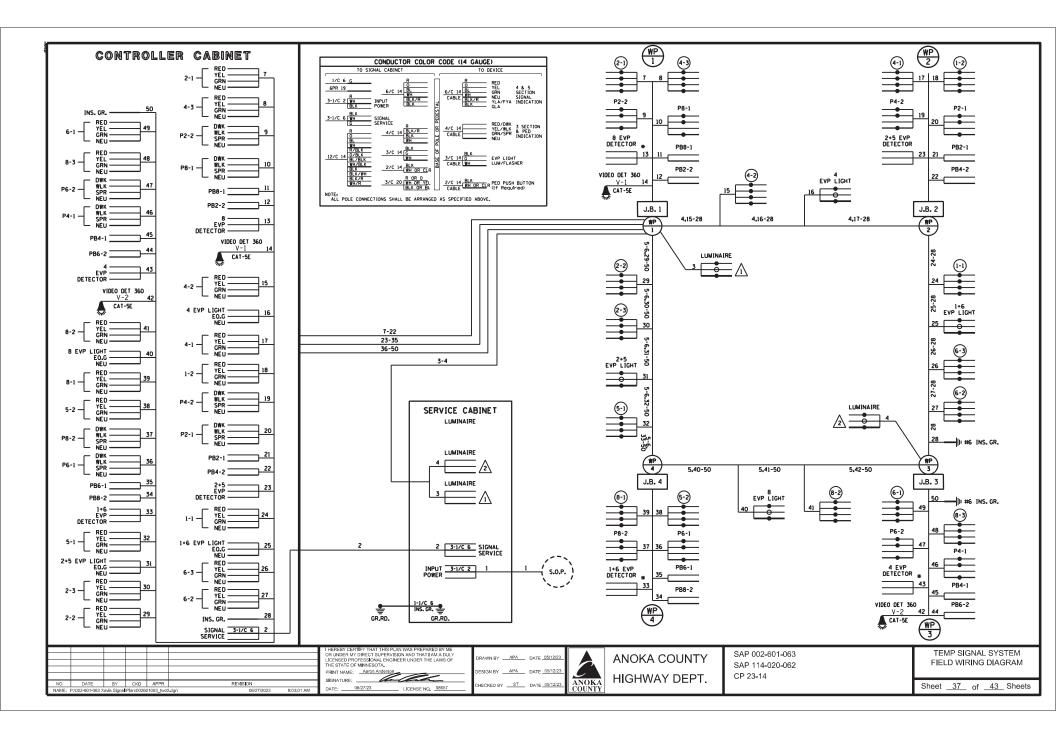
			SIGN PANELS ON SIGNALS					COLOR CODE		C	ABLE LABELING ABBRE	
POLE	"A" DISTANCE		PANEL		FROM		TO DEVICE	SIGNAL CABINE	T TO DEVICE	ABBREVIATION	LABEL REFERENCE DSISCRIPT & EXAMPLE	COMPONENT
NUMBER	(FEET)	CODE NUMBER	LEGEND	SIZE AREA (INCHES) (SQ.FT)	SIGNA SERVI	L <u>1/C 6 EGC</u> CE	AS SHOWN ON PLAN	<u>0</u> Y	ED/RLA EL/YLA 4 AND 5	X-Y X-Y	INDICATION NUMBER 2-1 LOOP NUMBER D2-1	SIGNAL HEAD DETECTOR
1	OR POLE	D-2	XAVIS ST	54 x 18 6.75		3-1/C 2 WH	SIGNAL	6/C 14 BL G	RN/GLA SECTION	X-Y X-Y	PUSH BUTTON NUMBER PB2-1	PUSH BUTTON
1	32	D-2 R10-X12	LEFT TURN YIELD ON FLASHING YELLOW ARROW	36 x 42 10.50	504	BLK	SERVICE	Di r	EU SIGNAL LA/FYA HEADS	X-Y	PED INDICATION NUMBER P2-1	PED INDICATION
1	POLE	R6-1L	ONE WAY LEFT	36 x 12 3.00	SIGNA	L 3-1/C 6 WH	SIGNAL		-	Х-Ү	LUMINAIRE NUMBER LI	LUMINAIRE
1	POLE 14.5	R6-1R D-3	ONE WAY RIGHT ANOKA COUNTY 1 DOUBLE ARROW	36 x 12 3.00 36 x 54 13.50	SERVI		CABINET		ED/DWK 3 SECTION HEAD	X-Y X-Y	EVP PHASE NUMBER EVP 2+5 EVP LIGHT PHASE NUMBER EV	EVP DETECTOR PL 2+5 EVP CON LIGHT
2	0	R10-X12	LEFT TURN YIELD ON FLASHING YELLOW ARROW	36 x 54 13.50 36 x 42 10.50	SIGNA CABIN		SIGNAL CABINET	4/C 14 BLK/R Y CABLE WH G	RN/SPR PED HEADS	Х-Ү	VIDEO DETECTION PHASE V2-1	
3	32	D-2	XAVIS ST	54 x 18 6.75		UNDEL		<u> </u>	EU	х-ү	RADAR DETECTION PHASE RD2	
3	0 POLE	R10-X12 R6-1L	LEFT TURN YIELD ON FLASHING YELLOW ARROW ONE WAY LEFT	36 x 42 10.50 36 x 12 3.00		SIGNAL CABINET		<u>_R</u>	FD	SS CC	SIGNAL SERVICE CABINET COMMS	SERVICE WIRE COMMS CABLE
3	POLE	R6-1R	ONE WAY RIGHT	36 x 12 3.00		6PR 19	AS SHOWN ON PLAN	4/C 14 BLK/R Y CABLE BLK G		FO	FIBER OPTIC	FIBER CABLE
4	17	D-1	COON RAPIDS BLVD	102 x 18 12.75			- AS SHOWN ON PLAN	N N		SPARE Y ELYZ *	SPARE WIRE TO POLE NUMB. S ENFORC. LIGHT POLE & DIREC	
4	0	R10-X12	LEFT TURN YIELD ON FLASHING YELLOW ARROW	36 x 42 10.50					YA HEADS LA ONLY) LA	PTZ1	PTZ CAMERA POLE NUMBER P	
		I				4/C 18 BLK CABLE WH	- AS SHOWN ON PLAN	CABLE WH G		IC	INTERCONNECT CABLE	INTERCONNECT
GENERAL NOT						CABLE G				EGC	EQUIPMENT GROUNDING CONDU	CTOR GROUND
			ARKINGS MANUAL FOR STANDARD SIGN DESIGNS, ARROW DET AYOUTS ARE INCLUDED. SIGN PANEL DIMENSIONS ARE IN INCH		LS.	2/C 14 BLK	CLR AS SHOWN		VP LIGHT/AWF UMINAIRE	X = SIGNAL SYS	STEM PHASE NUMBER: REFER TO	THE PLAN
			IGN MOUNTING TO MAST ARM.				- ON PLAN	CABLE WH V	IDEO CAMERA NFORCEMENT LIGHT	7 * = DIRECTIO	2N	
			IGN MOUNTING TO ROUND POST.			3/C 20 WH OR	<u>YE</u> L AS SHOWN	-		FURNISH AND IN ON THIS TABLE	ISTALL LABELS ON CABLES WIT AND IN ACCORDANCE WITH TH	H ABBREVIATIONS SHOWN WIRING DIAGRAM.
			ED SIGN PANELS MUST BE 7 FOOT MINIMUM. M BOTTOM OF SIGN PANEL TO SURFACE IMMEDIATELY BELOV	N THE SIGN PANEL		CABLE LBLK OR	BL ON PLAN					
6. "A" DISTAM	ICE = DISTANCE	FROM THE	END OF THE MAST ARM TO THE EDGE OF EACH SIGN PANEL.			CAT 5	- AS SHOWN ON PLAN					
7. SEE INTERS	ECTION LAYOU	JT FOR SIGN I	PLACEMENT OF POLE MOUNTED SIGNS.		NOTES	ANGE AND TERMIN	NATE CONDUCTORS AND	CABLES AS SHOWN WITHO	UT SPLICE.			
	1				NUN 1/C	ABER ONLY MEANS	AWG CONDUCTOR SIZE	CABLES AS SHOWN WITHO (e.g. 14=14AWG) PART OF A CABLE ASSEM	IBLY			
D-1						ALAND AN INDIT						
	-1 -6	. 1	1 - 6 - 1 - 2 - 3 - 0 - 1 - 0 - 2									
6.0	12.7 18.5	24.7	31 ^A 43.6 49.7 55 88.4 64.3 76.0 8284.9 91.2	*								
	$\mathbf{\hat{n}}$	n	Ranids Rivd									
			Tupius Divu	-*								
←6-*	23.4		★	[→] D [,]	3		WIRE COLOF	CODE KEY		ID CABLE SP	PECIFICATION CHART	
k			102		0		R Red 0 Orange		NUMBER OF CONDUCTORS & AWG SIZE	TYPE	Specification Number	
3.0" Rad	ius, 1.0" Border,	White on, Gree	en;	6.0		22.6	BL Blue		1/C 2 INDI		CONDUCTORS 3815.2B.1	
				Ů			WH White			ER AND BRANCH		
י ם	`			(AN	жа		BLK Block BRN Brown			Detector Lea		
D-2	2						CL Clear		3/C 14 Sign	al Control Cable	3815.2C.3	
	04 19	. 5. 9				- 24	G Green			al Control Cable	3815.2C.3 3815.2C.3	
6.	· 1/2.0 11.0	2420.0			· //	- 		Black Stripe with Black Stripe		al Control Cable	3815.20.3	
	xav			COL	NTY //	7		n Black Stripe	6PR 19 Tele	phone Cables 0		
		IU		<u></u>		-12		th Block Stripe	3/C 20 EVP	Detector Cable	e 3815.2C.5	
				9.0				th Red Stripe				
€6.2 *	24.5		9.16.2→			8.	BLK/WH Block with BLK/R Block with					
						-+						
3.0" Rad	us, 1.0" Border,	White on, Gree	en;			.5.6						
				-6								
				-9- *	s9	-						
				k3	;							
				3.0" Radius, 1.0" B	,	ireen;						
				Pentagonal County								
				Double Headed An	w 3 - 18.0" 0';							
			I HEREBY CERTIFY THAT	T THIS PLAN WAS PREPARED BY ME		I	A		SAP 002-601-063		I	
			UNDER NO DIRECT S LICENSED PROFESSION THE STATE OF MINNESC	SUPERVISION AND THAT I AM A DULY IAL ENGINEER UNDER THE LAWS OF DTA.	DRAWN BY APA	DATE 05/12/23	🔺 🛛 ANOł	KA COUNTY	SAP 002-601-063 SAP 114-020-062		COL	OR CODE DETAIL
			PRINT NAME:Aaron)		DESIGN BYAPA			WAY DEPT.	CP 23-14			
NO DATE NAME: P:\002-601	BY CKI	0 APPR	REVISION SIGNATURE:	LICENSE NO. 58657	CHECKED BY ST	DATE 05/12/23	ANOKA COUNTY	WAI DEFT.			Sheet	33 of 43 Sheets
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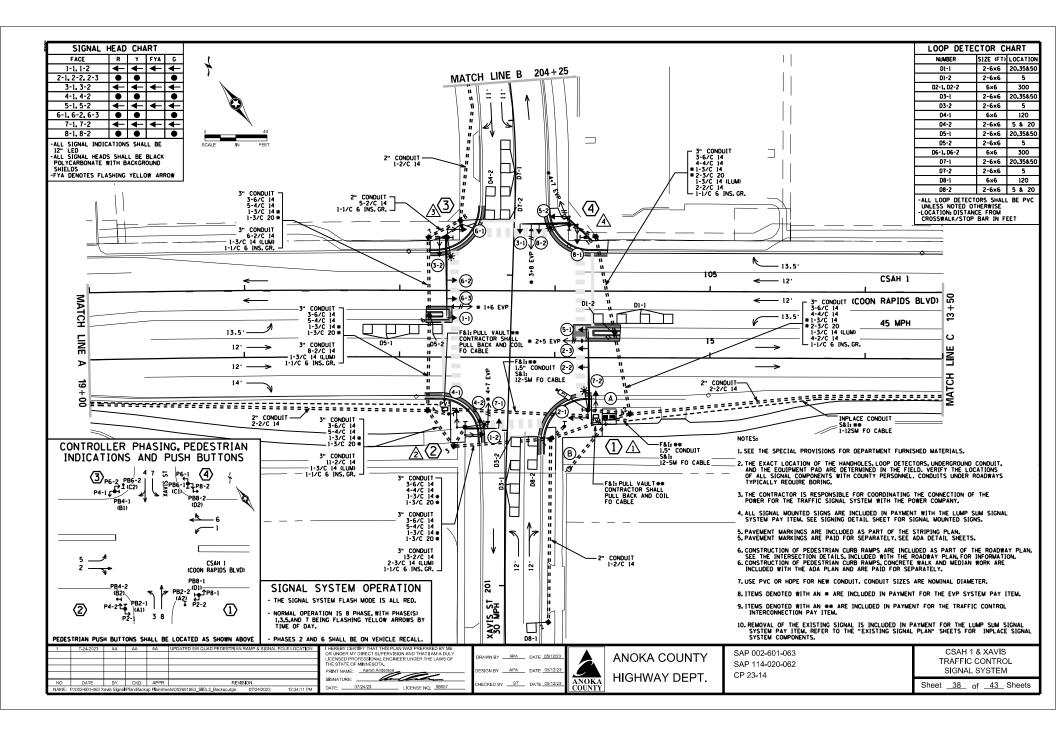
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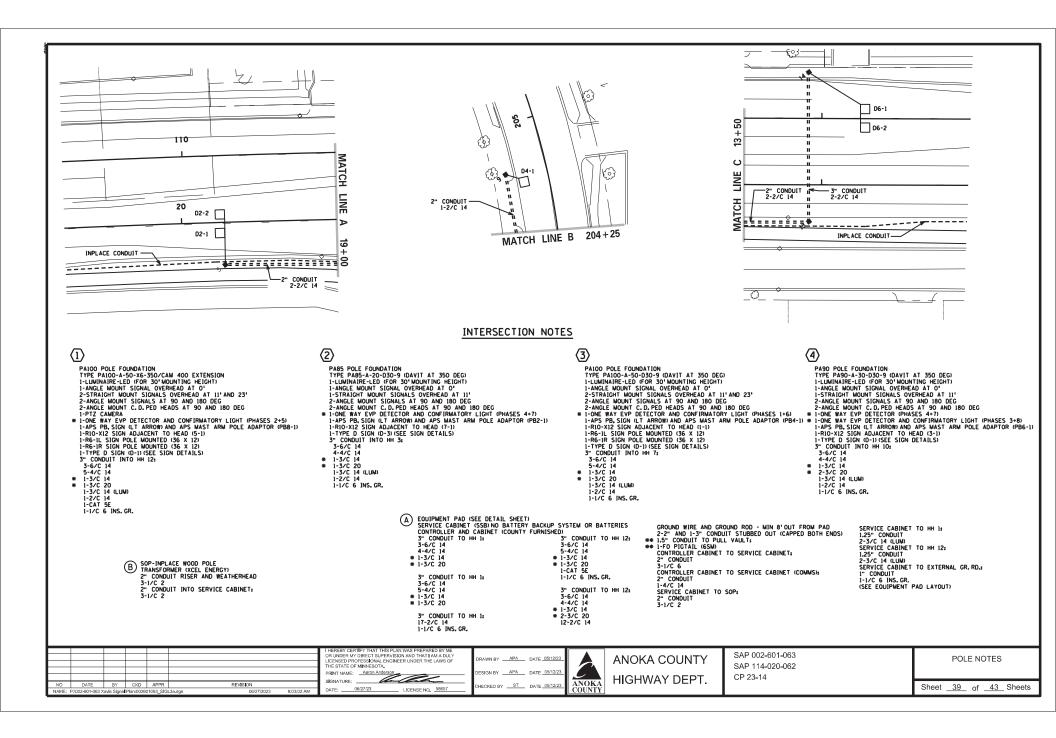


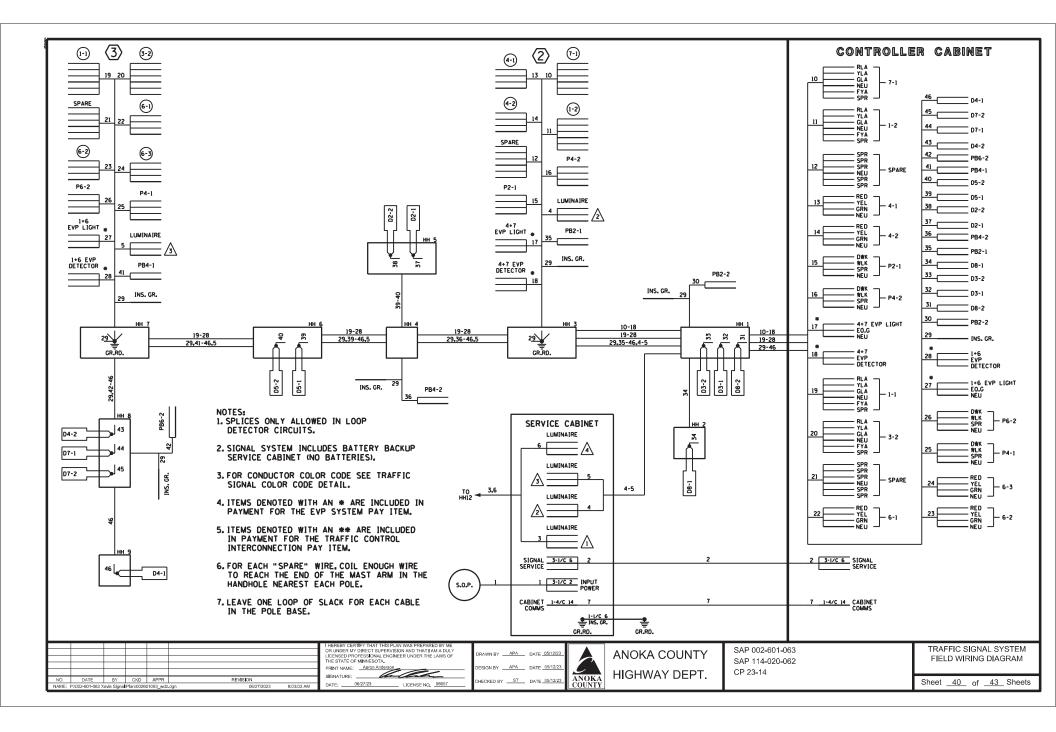


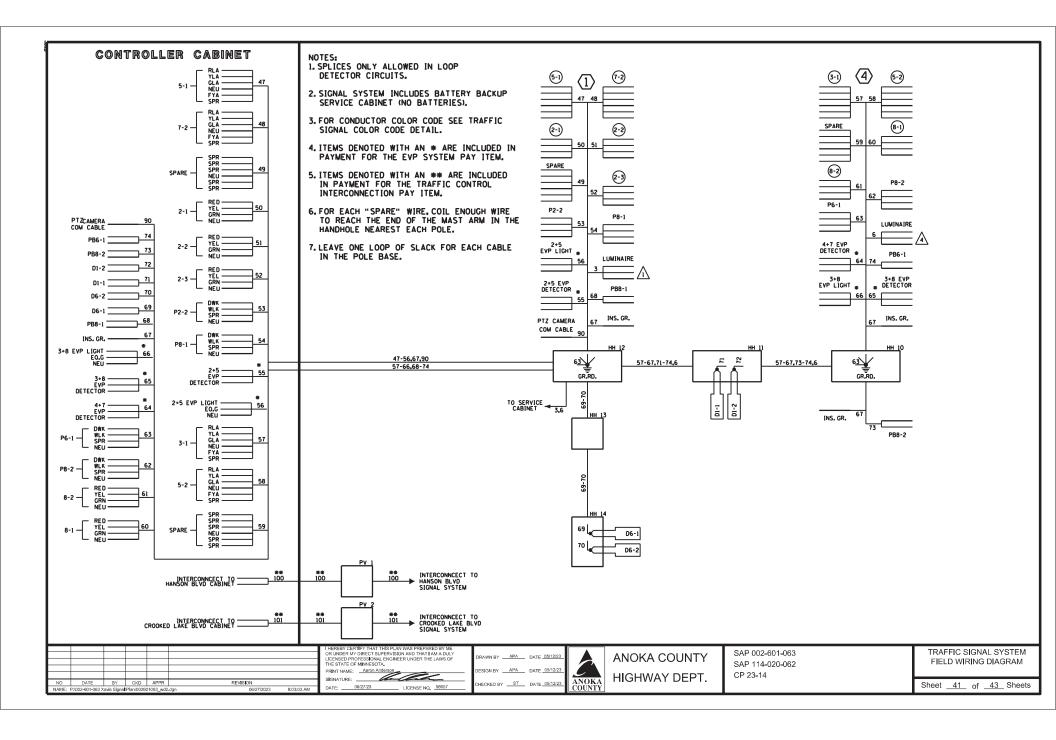


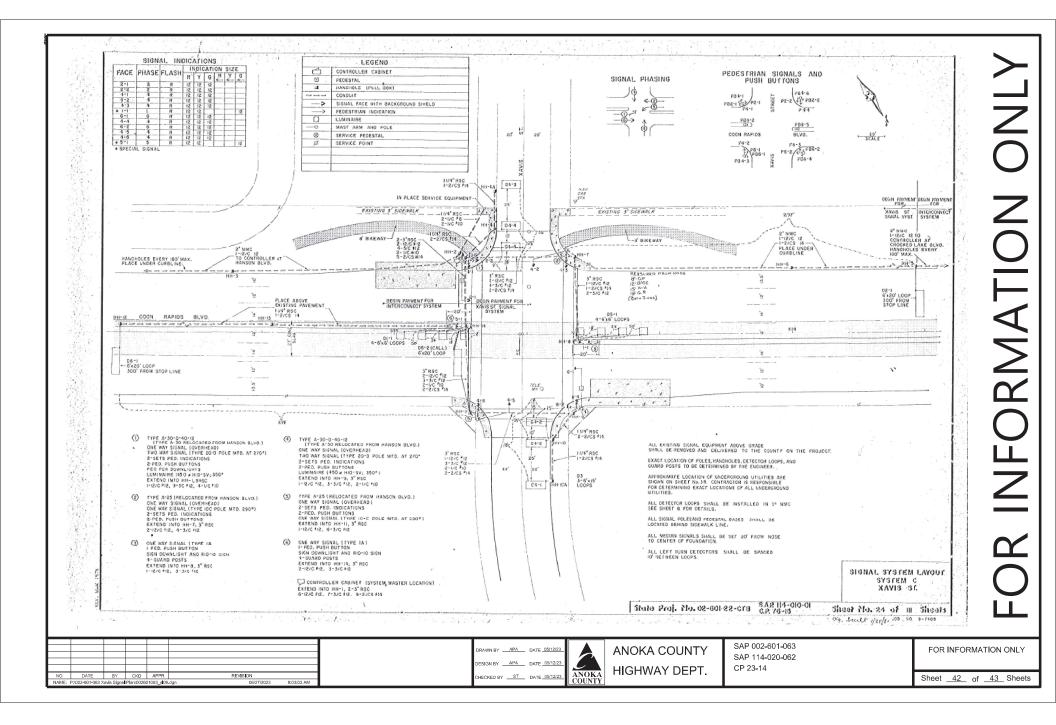


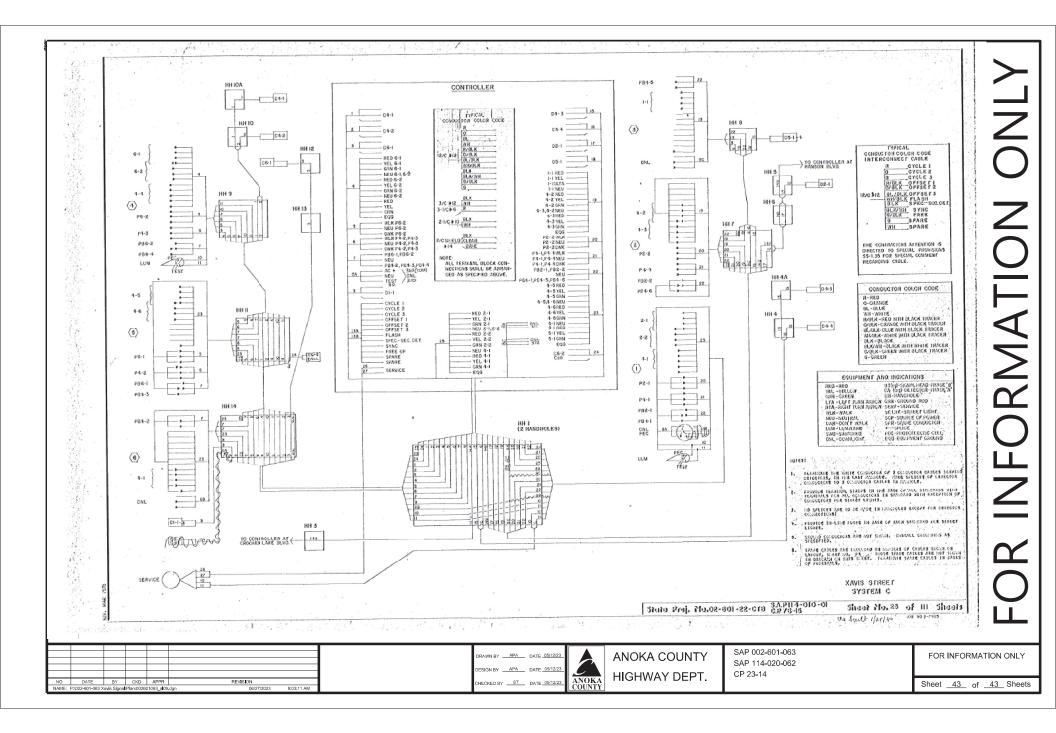


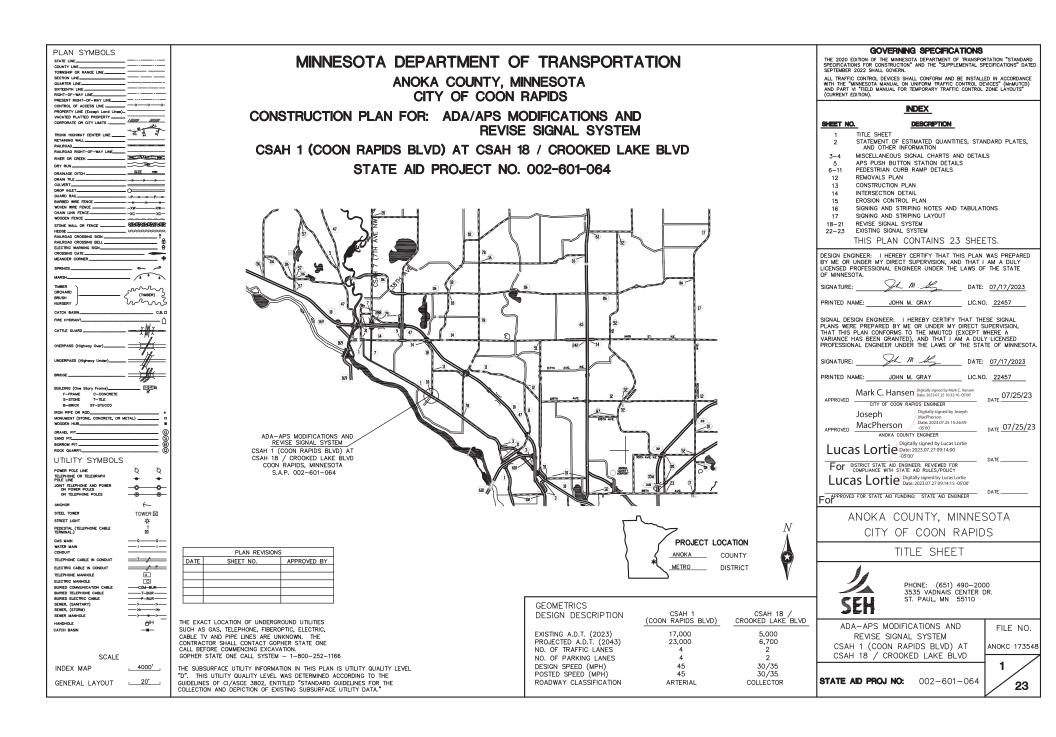












			D QUANTI		
ITEM NO	ITEM DESCRIPTION	UNIT	TOTAL ESTIMATED QUANTITY	SAP	LOCAL
			-	002-601-064	
	MOBILIZATION	LUMP SUM	1	1	
	PAVEMENT MARKING REMOVAL	SQ FT	1376	1376	
	REMOVE SIGN	EACH	2	2	
2104.502	SALVAGE SIGN	EACH	2	2	
2104 503	REMOVE CURB & GUTTER	LIN FT	248	248	
	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	54	54	
	SAWING DHOMINOUS PAVEMENT (FULL DEPTH)	LIN FT	296	296	
	REMOVE BITUMINOUS PAVEMENT	SQ YD	63	63	
	REMOVE CONCRETE WALK	SQ FT	1826	1826	
2106.507	EXCAVATION-COMMON	CU YD	55	55	
2106.507	COMMON EMBANKMENT (CV)	CU YD	15	15	
2211.509	AGGREGATE BASE CLASS 5	TON	42	42	
2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,C)	TON	26	26	
2506.502	ADJUST FRAME AND RING CASTING	EACH	1	1	
	-				
	6" CONCRETE WALK	SQ FT	2334	2334	
2531.503		LIN FT	261	261	
2531.603	CONTRACTE COND DECICIT 1	LIN FT SQ FT	50 218	50 218	
2551.010	TRUNCATED DOMES	SQFI	210	210	
2563.601	TRAFFIC CONTROL	LUMP SUM	1	1	
2563.601	ALTERNATIVE PEDESTRIAN ROUTE	LUMP SUM	1	1	
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	160	160	
				-	
	INSTALL SIGN PANEL	EACH SQ FT	2	2	
	SIGN PANEL	FACH	42	42	
	RIGID PVC LOOP DETECTOR 6' x 6'	EACH	6 5	6	
	ADJUST HANDHOLE REVISE SIGNAL SYSTEM	SYSTEM	5	1	
2000.010	REVISE SIGNAL STOTEM	STSTEM			
2573.502	STORM DRAIN INLET PROTECTION	EACH	7	7	
2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	100	100	
2574.507	COMMON TOPSOIL BORROW	CU YD	28	28	
2575.504	ROLLED EROSION PREVENTION CATEGORY 10	SQ YD	175	175	
2575.508	SEED MIX 25-151	LB	20	20	
2582 503	24" SOLID LINE PREFORM THERMO GR IN	LIN FT	175	175	
	CROSSWALK PREFORM THERMOPLASTIC	SO FT	1/5	1/5	

(1) = INCLUDES REMOVAL OF ALL INPLACE PEDESTRIAN CURB RAMPS.

7038 A DETECTABLE WARNING SURFACE TRUNCATED DOMES ► 7100 H CONCRETE CURB AND GUTTER (DESIGN B & V) TEMPORARY CHANNELIZERS (3 SHEETS)

(2) = TIE INTO EXISTING CURB AND GUTTER. TWO (2) EPOXY COATED REBAR (#4, MIN 24" LENGTH) TO BE DRILLED AND EPOXIED INTO EXISTING CURB A MINIMUM OF 10 INCHES (INCIDENTAL).

(3) = TRUNCATED DOMES SHALL BE RED.

(4) = SEE TRAFFIC CONTROL NOTE 5 ELSEWHERE ON THIS PLAN SHEET (ASSUMES 4 SIGNS AT 40 DAYS PER INSTALLATION).

(5) = MIX SPWEB440C (PATCH).

(6) = 24" SOLID LINE PREFORM THERMOPLASTIC STOP BARS ARE NOT REQUIRED TO BE GROUND IN.

STANDARD PLATES THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT

DESCRIPTION

(7) = (CV).

PLATE NO.

► 8000 K

GENERAL NOTES:

- T. THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL "D". THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE QUIDELINES OF CI/ASCE 3802, ENTILED "STANDAR GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."
- SUBSIGNER OF UNLET VALA 2. THE EXACL LOCATION OF UNDERGROUND UTILITIES SUCH AS GAS, TELEPHONE, FIBEROPTIC, ELECTRIC, CABLE TV, AND PIPE LINES ARE UNKNOWN. THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL BEFORE COMMENCING EXCAVATION. (GOPHER STATE ONE CALL SYSTEM 1–800–252–1166).
- SYSTEM 1-800-222-1160, 1 MIS PROJECT DOES NOT MEET THE CRITERIA FOR A NPDES CONSTRUCTION GENERAL PERMIT NEMDLY SOUTH AND AND ADDRESS AND A STATEMENT OF SOUTH AND A STATEMENT NEMDLY SOUTHWISTON FEATURE THE FORTHWARE AND A STATEMENT CAN INCLUDE BUT ARE NOT LUMIED TOT, DO NOT DISTURG AREAS, PERMITER CONTROL, NALT PROTECTION, DUST CONTROL, PROPER DEWATERING TECHNOLES, TEMPORARY SOIL STABLIZZATION, AND PERMANETS SOLI STABLIZZATION.
- A THE CONTRACTOR SHALL STABILIZE ALL EXPOSED SOIL AREAS WITHIN 14 DAYS OF INACTIVITY. ALL AREAS THAT HAVE A POTENTIAL TO DISCHARGE TO AN ENVIRONMENTALLY SENSITIVE AREA MUST BE STABILIZED WITHIN 24 HOURS AS DIRECTED BY THE ENGINEER WITH CHANGING FIELD CONDITIONS.

STORMWATER MANAGEMENT/EROSION CONTROL NOTES:

- DUST GENERATION MUST BE MINIMIZED AND CONTROLLED DURING SAW-CUTTING AND MILLING OPERATIONS.
- SAW-CUT AND MILLING DEBRIS MUST BE PICKED UP AND REMOVED AS SOON AS POSSIBLE AND ADJACENT AREAS SWEPT. CLEAN-UP AS SUUN AS POSSIBLE AND ADJACENT AREAS SWEPT. CLEAN-UP SHALL BE PERFORMED IMMEDIATELY AFTER COMPLETION OF SANCUT AND MILLING OPERATIONS, AND MUST HAPPEN PRIOR TO ANY RAIN EVENTS.
- EVAND. 2. SA FROM WILLOW DET DE RODIECTO FROM GERRIS (SUCH 2. SE FROM WILLOW GEREATIONS), AND ANY DSTRUBERS SOLL. "HELT PROTECTION SHOULD BE PROVEDE ON DOWNSTREAM INLETS IF MILLING OF SAM-CUTTING WILL COOLE DURING WITH TRATHER OF PROFEN DSTABILIZATION. IF ANY SOLL OF DERRIS INADVERTINITY ENTERS AN INLET, IT MUST BE REAVOED IMMEDIATELY.
- ENTERS AN INCL., IT MUST BE REMOVED IMMEDIATELT. 4) ANY DISTURBED TURF AREAS MUST BE RESTORED AS SOON AS POSSIBLE AFTER THE DISTURBANCE. GRADING, RAKING, FULL REPLACEMENT OF TOPSOLU MITH ENGINEER APPROVED TOPSOLL, AND HYDROSEEDING IS REQUIRED AT ALL LOCATIONS WHERE TURF IS DISTURBED DUE TO CONSTRUCTION.
- 5) CONCRETE WASHOUT FROM ANY CONCRETE PAVEMENT MUST BE DEALT WITH IN ACCORDANCE WITH:
- http://www.dot.state.mn.us/environment/pdf/concrete-washout.pdf 6 ALL STORMWATER MANAGEMENT AND EROSION CONTROL MITIGATION AND ALL RESTORATION OF ALL ROADWAYS SHALL BE MEASURED ANI PAID FOR SEPARATELY, SEE STATEMENT OF ESTIMATED QUANTITIES AND SPECIAL PROVISIONS.

UTILITY NOTES:

- THE FOLLOWING LIST SHOWS THE AGENCIES THAT MAY HAVE UTILITY FACILITIES WITHIN THE PROJECT LIMITS AREA; FACILITIES WITHIN THE PROJECT LIMITS ANOKA COUNTY HIGHWAY DEPARTMENT CENTERPOINT ENERGY MINNESOTA GAS CENTURYLINK (LUMEN) CITY OF COON RAPIDS COMCAST CABLE, LLC

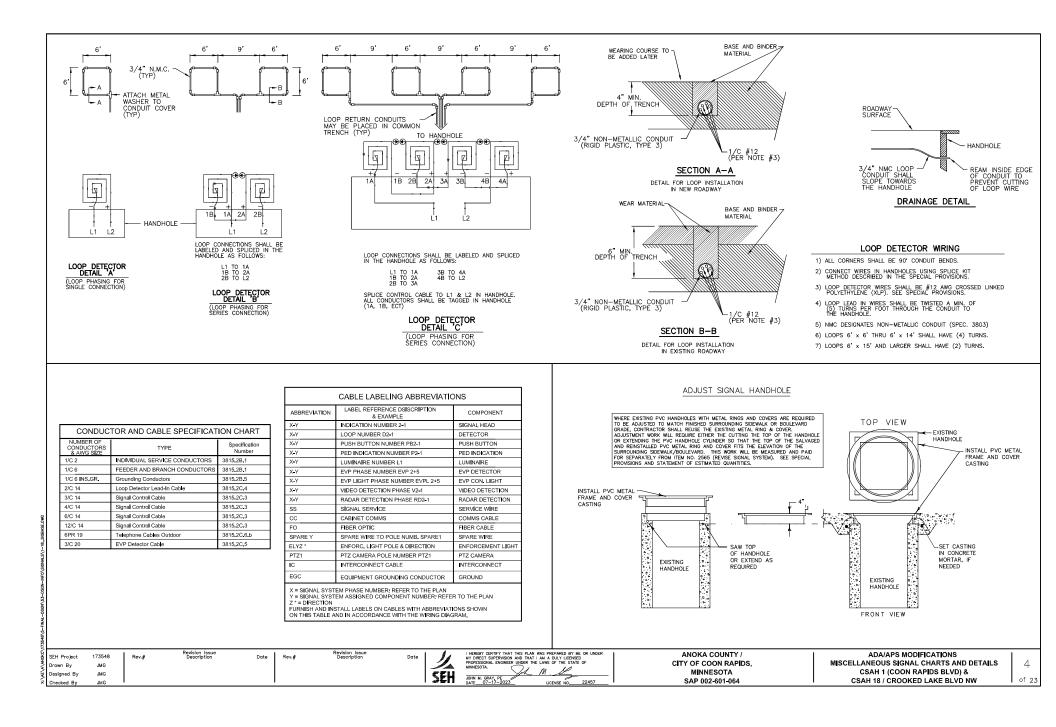
- XCEL ENERGY ZAYO BANDWDTH
- 2) CONTRACTOR IS RESPONSIBLE FOR ALL COORDINATION COSTS REQUIRED TO WORK WITH EXISTING UTILITY COMPANIES, FOR UTILITY COMPANIES TO PROPERTY LOCATE, MAINTAIN, ADUST & RELOCATE THEIR FACULTES AS REQUIRED DUE TO PROJECT WORK. 3) ALL CONTRACTOR COSTS TO LOCATE AND WORK AROUND EXISTING
- UTILITIES (INCLUDING ANY CONDUIT BORING, POTHOLING, ROADWAY TRENCHING, ETC.) ARE INCIDENTAL TO THE ENTIRE PROJECT.
- PROTECT ALL EXISTING PUBLIC AND PRIVATE UTILITIES AND STRUCTURES DURING CONSTRUCTION OF THE PROJECT.
- FERFORM DETAILED RELED REVEW OF THE INTERSECTION PROR TO ANY CONSTRUCTON, LOCATE ANY SERVICER HAROS WITHIN THE BOULEVARD AREAS, AND COORDINATE WITH ADJACENT FROPERTY OWNER TO HAVE HESE IRRIGATION SYSTEMS MARKED PROR TO WORKING IN THE AREA OF THESE FACILITIES. REPAIR ANY IRRIGATION FACILITIES DANAGED DURING CONSTRUCTION TO THE SATERACTION OF THE OWNER, CITY AND COUNTY, AT NO COST TO THE CITY, COUNTY OR OWNER

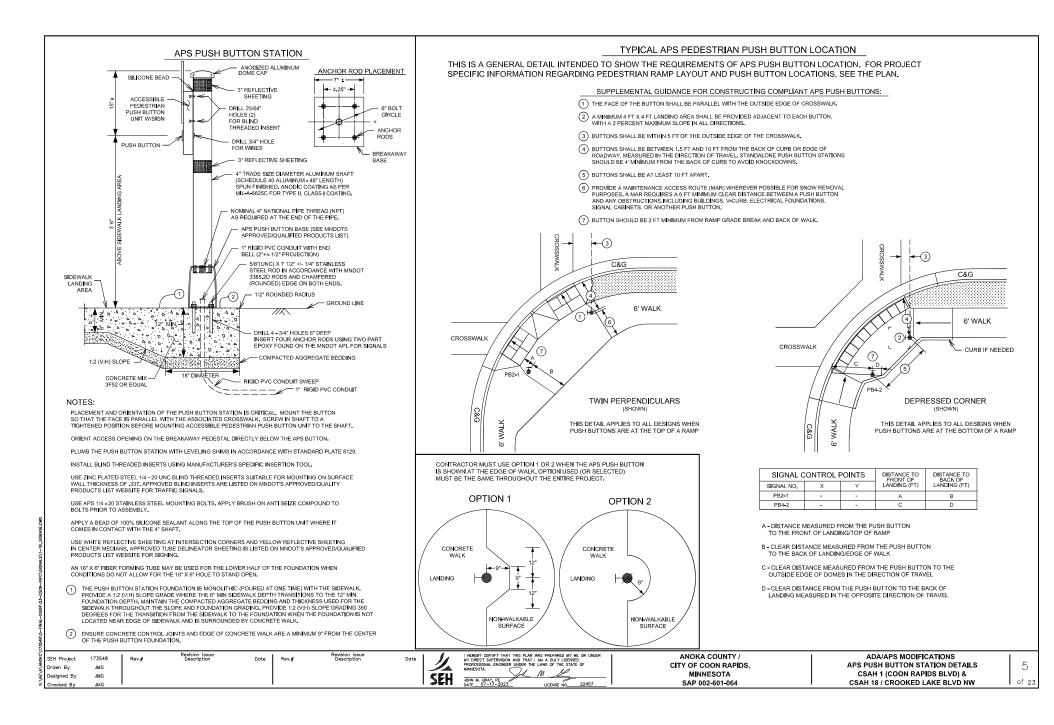
TRAFFIC CONTROL NOTES:

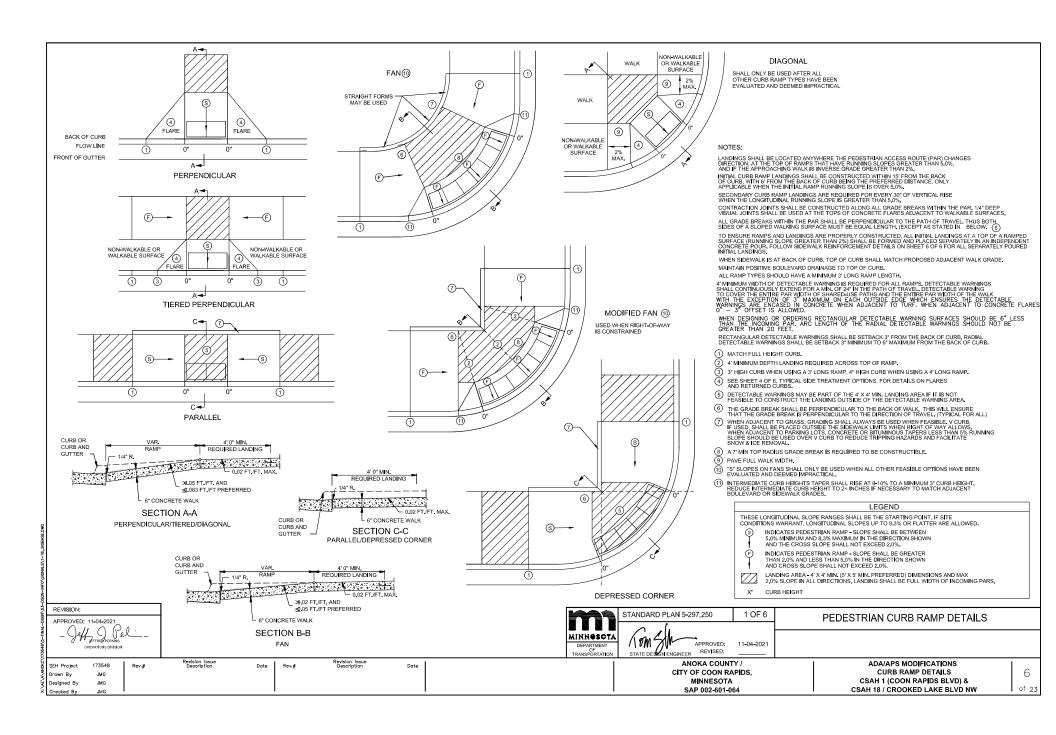
- TRAFFIC CONTROL SHALL INCLUDE ALL LABOR AND MATERIALS REQUIRED TO MANTAIN VENCULAR AND FEDESTRIAN TRAFFIC THROUGH EACH WORK LOCATION DURING THE CINTRIC CONSTRUCTION FERICO. THIS INCLUDES BUT IS NOT LIMITED TO: ALL REQUIRED SIGNS AND SIGN SUPPORTS ("ROAD WORK AHEAD", TLET/ RIGHT LANE COEPC", "SIGNES AND SIGN SUPPORTS ("ROAD WORK AHEAD", TLET/ AND VISIBLE, CICCEPC", "SIGNES AND SIGN SUPPORTS ("ROAD WORK AHEAD", TLET/ AND VISIBLE, CICCEPC", "SIGNES AND ALL SIGNES COMPORTS AND ALL THRES.
- 2) ALL TRAFFIC CONTROL DEVICES AND SIGNING MUST CONFORM TO AND BE INSTALLED IN ACCORDANCE WITH THE MINNESOTA MANUAL ON UNFORM TRAFFIC CONTROL DEVICES (MMUNICO) AND THE MINNESOTA TEMPORARY TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND THE MINNESOTA TEMPORARY TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND THE MINNESOTA TEMPORARY TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND THE MINNESOTA DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL DEVICES (MMUNICO) AND TRAFFIC CONTROL CONTROL DEVICES (MMUNICO) AND TRAFFIC AND TRAFFICADO TRAFFIC AND TRAFFIC AND TRAFFIC AND TR CONTROL DEVI
- 4) CONTRACTOR MUST PROVIDE, MARITAN, COVER, MAY/OR, TUNN, AWAY FROM TRAFFIC (MHN NOT IN USS) ALL REQUIRED TRAFFIC CONTROL DWCSS AF ALL TMESS. NOTE THAT ENGNEER MILL SUSPENN WORK IF REQUIRED TRAFFIC CONTROL DEVICES ARE NOT INSTALLED NON AMINTANED IN ACCORDANCE WITH THE FIELD MANUAL OR AS OTHERWISE APPROVED BY THE ENGINEER FOR THE APPROPRIATE TRAFFIC CONTROL STUARTONS.
- 5) CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE FOUR (4) PORTABLE CHANGEABLE MESSAGE SIGNS (ONE ON EACH INTERSECTION APPROACH) FOR THE FOLLOWING PERIODS. WITH THE FOLLOWING MESSAGES (TO BE MEASURED AND PAID FOR SEPARATELY UNDER ITEM NO. 2563.613-"PORTABLE CHANGEABLE MESSAGE SIGN");
- TEN (10) DAYS IN ADVANCE OF CONSTRUCTION, AND UP UNTIL WHEN THE REVISE SIGNAL SYSTEM IS ABLE TO BE MADE OPERATIONAL: ROAD WORK / BEGINS (DATE) / EXPECT DELAYS
- 6) ELECTRIC FLASHING ARROW BOARDS WILL BE REQUIRED TO BE PROVIDED, INSTALLED AND MAINTAINED BY THE CONTRACTOR FOR ALL SHORT TERM LANE CLOSURES IMPLEMENTED ON ANY INTERSECTION APPROACH (INCIDENTAL TO TRAFFIC CONTROL).
- AT LEAST ONE LANE FOR THROUGH TRAFFIC PLUS ALL LEFT TURN LANES MUST BE KEPT OPEN TO TRAFFIC AT ALL TIMES ON ALL APPROACHES.
- 8) A SIGNAL SYSTEM MUST BE IN OPERATION AT ALL TIMES, EXCEPT THAT THE EXISTING SIGNAL SYSTEM MAY BE PUT INTO ALL-RED FLASH (AND AN ALL-WAY STOP PROVIDED AND INSTALLED) ONLY DETWEEN THE HOURS OF 9:00 AM AND 3:00 PM, MONDAY THROUGH THURSDAY INCLUSIVE, -WAY
- 9) DURING ANY SIGNAL DOWN TWE, CONTRACTOR MUST PROVIDE, INSTALL, AND MAINTAIN AN ALL-WAY STOP AT THE INTERSECTION (WOR45" STOP SIGNS AND TWO 45" STOP AHEAD SIGNS ON EACH APPROACH) (INCIDENTAL).
- CONSTRUCTION, ALL WORK AND TRAFFIC CONTROL REQUIRED TO MAINTAIN PEDESTRIAN ACCESS WILL BE MEASURED AND PAD FOR SEPARATELY UNDER ITEM NO. 2563 (ALTERNATIVE PEDESTRIAN ROUTE).
- 11 THE CONTRACTOR SHALL PROVIDE TO THE ENGERE FOR REVIEW AND APPROVAL PROFE TO COMMENCING ANY FIELD WORK A WRITEN FLAN (SIGNED BY A PROFESSIONAL ENGNMER) ON HOW THE CONTRACTOR INTENSION PROVIDE AND MAINTAIN PEDESTIMAN ACCESS AT THIS INTERSECTION. LAYOUTS MUST SHOW ANY TEMPORARY MARKS, SIGNE PARLENT MARKNOS, DRUMS, BARNON, BARNON ANY TEMPORARY MARKS, SIGNE PARLENT MARKNOS, DRUMS, BARNON, BARNON ANY FEDERTIMAN ACCESS.
- 12 THE CONTRACTOR SHALL NOT USE THE MOBILE AND SHORT DURATION TEMPORARY TRAFFIC CONTROL LAYOUTS FROM THE MIMUTCD "FIELD MANUAL" WORK ON THIS PROJECT IS RESTRICTED TO USING SHORT TERM STATIONARY TEMPORARY TRAFFIC CONTROL LAYOUTS, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- 13 SEE DIVISION S OF THE SPECIAL PROVISIONS FOR INFORMATION REGARDING TRAFFIC CONTROL TO BE PROVIDED, INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR DURING THE ENTIRE PROJECT.

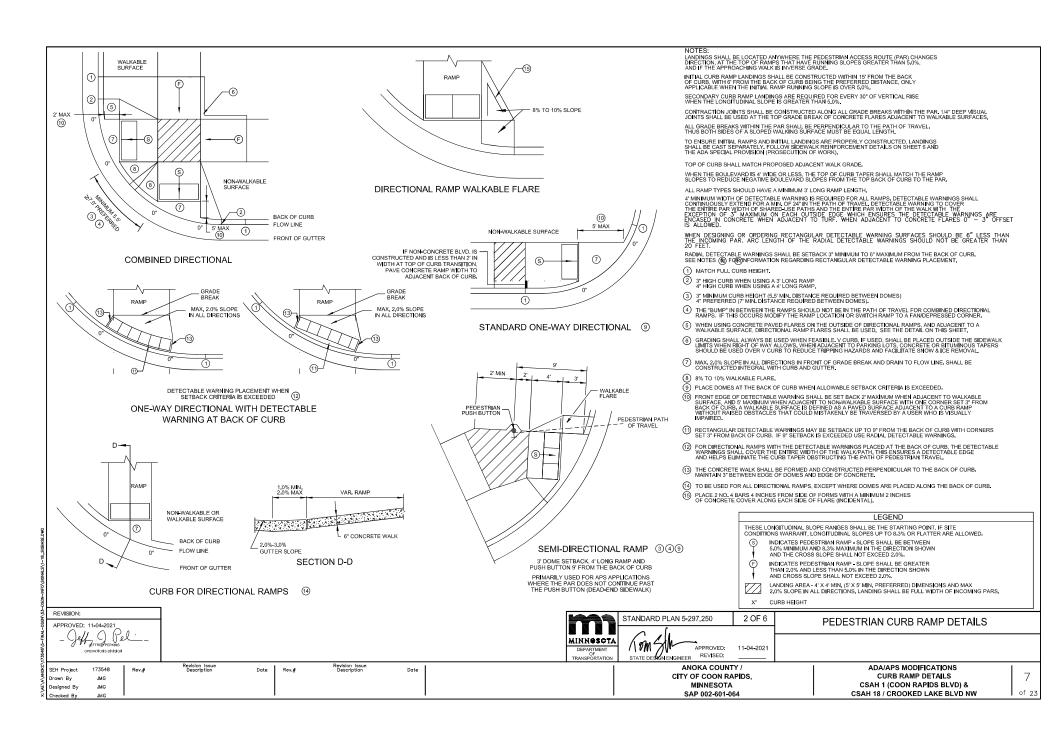
173548\5	•	STANDARD PLA	ES APPLICABLE TO THIS	S PROJECT						
SEH Project Drawn By Designed By Checked By	173548 JMG JMG JMG	Rev.#	Revision Issue Description	Date Rev. #	Revision Issue Description	Date 1	I HERBAY CORTRY THAT THIS PLAN WAS PREVAND BY WE ON UNDER WY DIRECT SPRYSION AND THAT WAS A DULY LICENSE PROFESSIONAL EXAMPLEST INDURENT HE LAWS OF THE STATE OF WINNESSION JOINT M. GRAV, PE JOINT M. JOINT M. JO	ANOKA COUNTY / CITY OF COON RAPIDS, MINNESOTA SAP 002-601-064	ADA/APS MODIFICATIONS STATEMENT OF ESTIMATED QUANTITIES, STANDARD PLATES, AND OTHER INFORMATION CSAH 1 (COON RAPIDS BLVD) & CSAH 18/ CROOKED LAKE BLVD NW	2 of 23

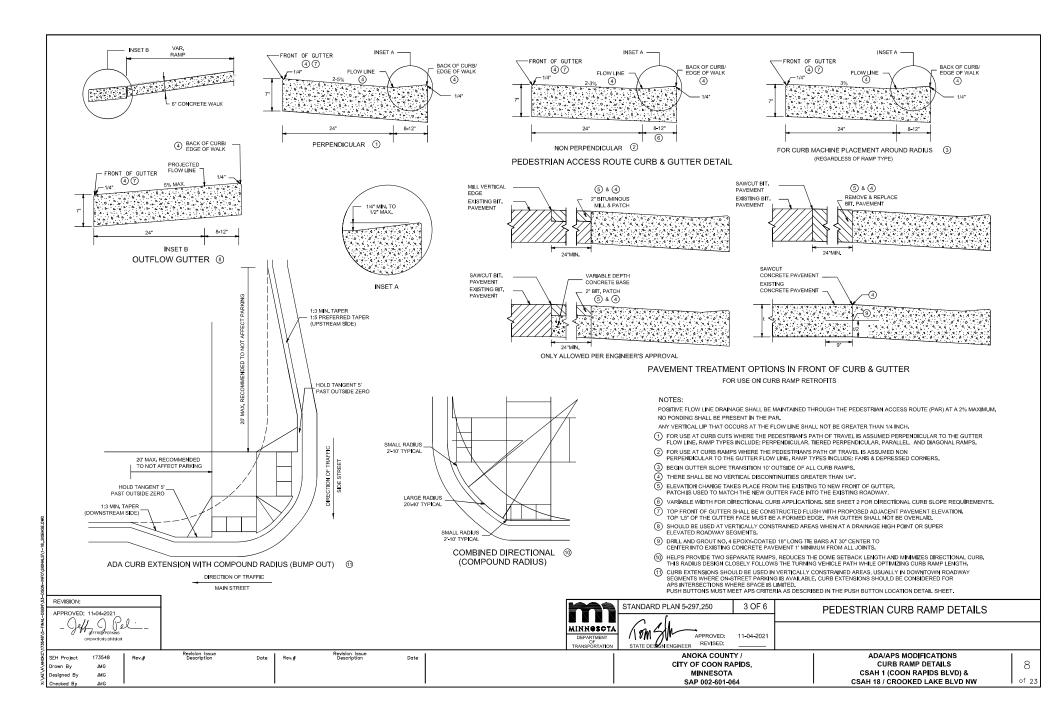
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CONDUCTOR COLOR CODE (14 GAUGE) TO SIGNAL CASINET TO DEVICE 1/C26 G. 6/C2714 3-1/C262 0 2/C21 0 WEX PROVIDE 3-1/C262 0 0 0 0 0 1/C266 0 0 0 1/C266 0 0 0 1/C266 0 0 0 <t< th=""><th>WH While BLK Black BRN Brown CL Olear G Green R/BLK Red with Black Stripe O/BLK Orange with Black Stripe BL/BLK Blue with Black Stripe WH/EL While with Black Stripe WH/E While with Black Stripe BLK/WH Black with While Stripe BLK/R Black with Red Stripe</th><th>BOTTOM OF TRAINSORREMEND BY VISION TYPICAL SIGNAL POLE MOUNTING NOT TO SCALE</th><th>Image: state of the state</th></t<>	WH While BLK Black BRN Brown CL Olear G Green R/BLK Red with Black Stripe O/BLK Orange with Black Stripe BL/BLK Blue with Black Stripe WH/EL While with Black Stripe WH/E While with Black Stripe BLK/WH Black with While Stripe BLK/R Black with Red Stripe	BOTTOM OF TRAINSORREMEND BY VISION TYPICAL SIGNAL POLE MOUNTING NOT TO SCALE	Image: state of the state

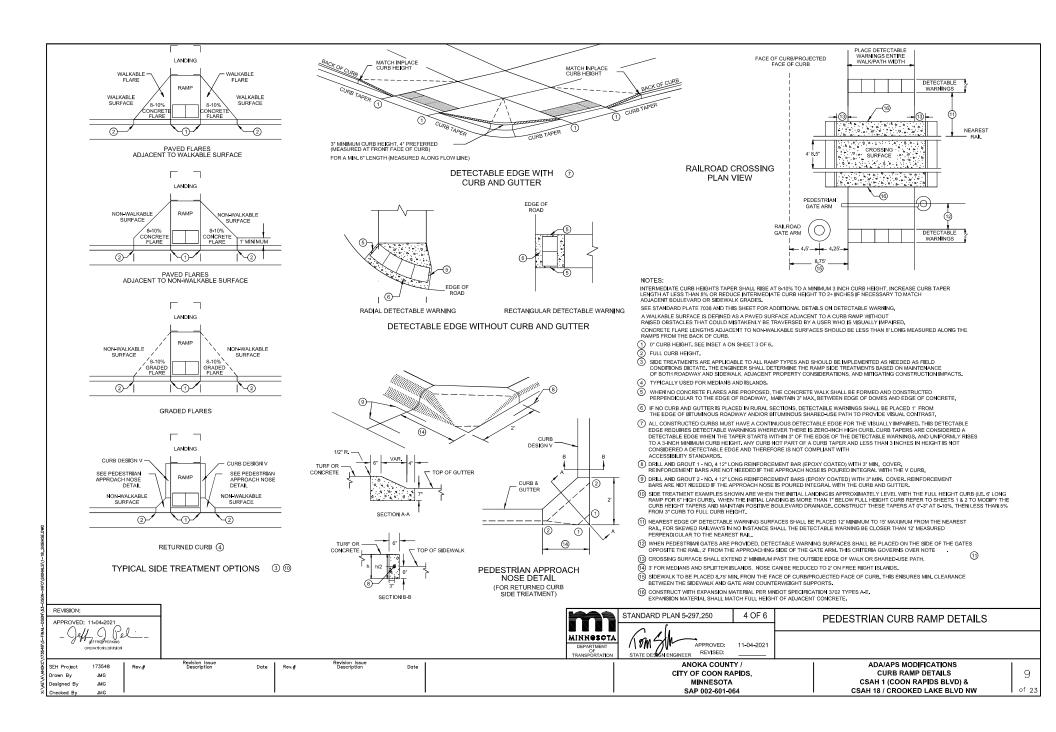


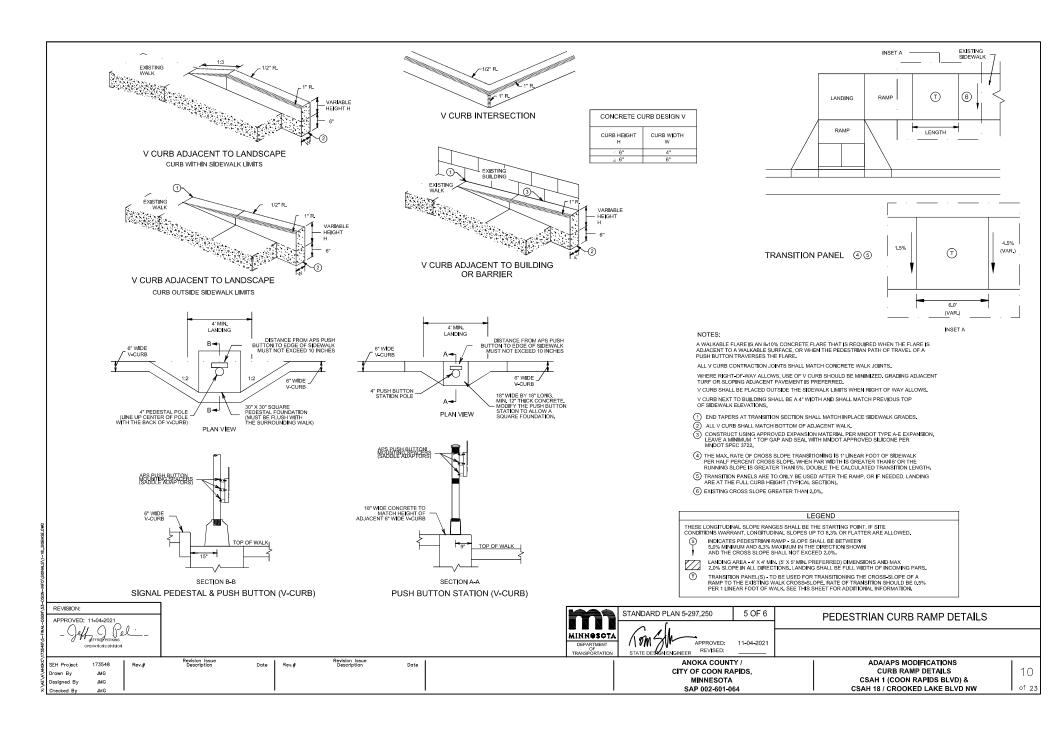


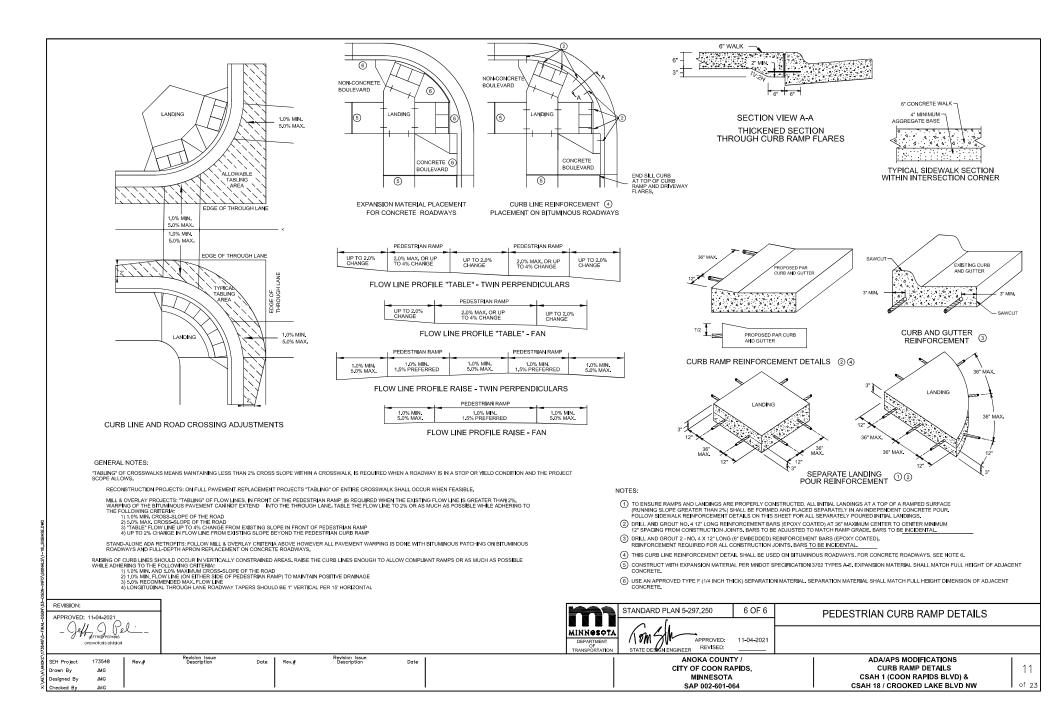


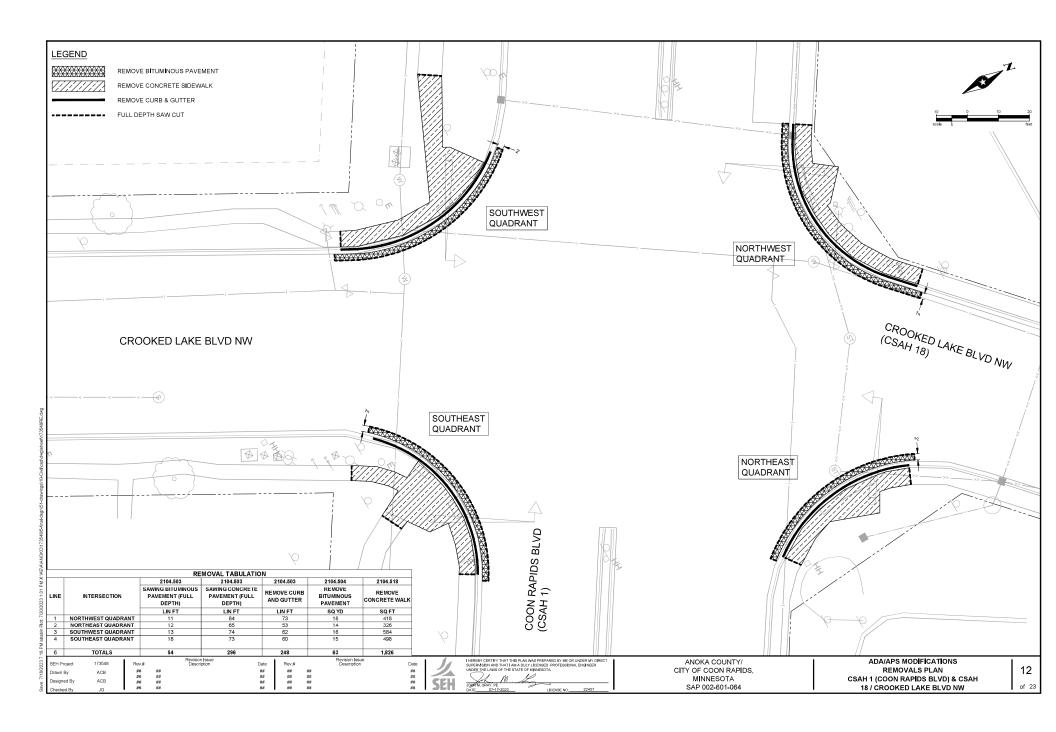


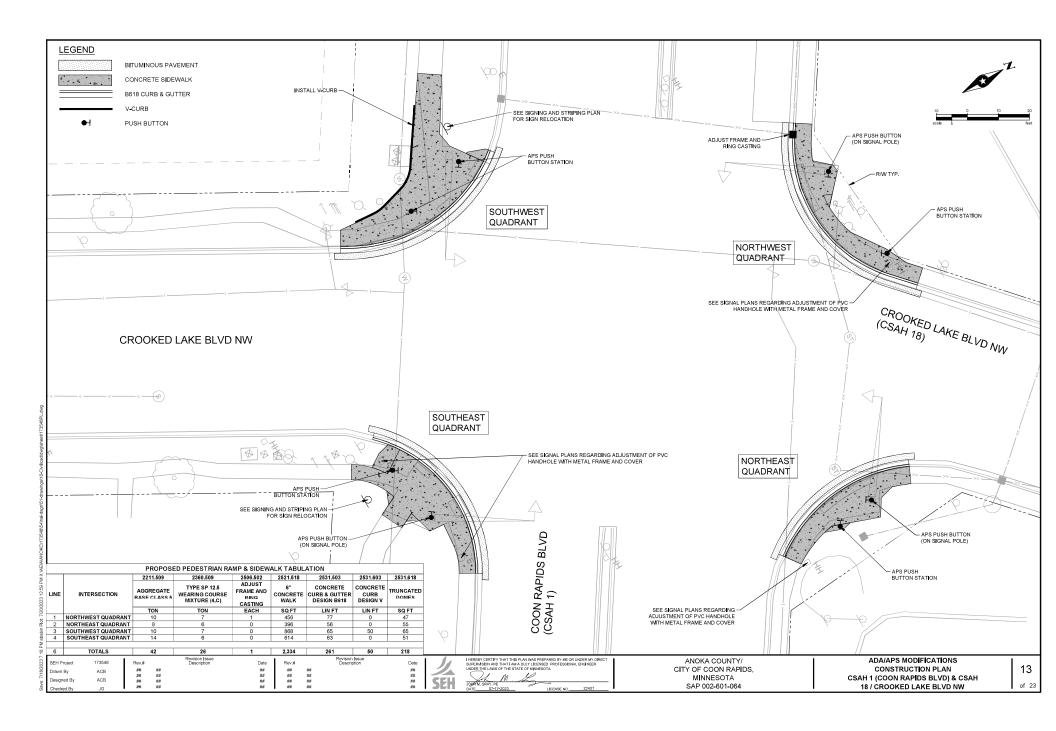


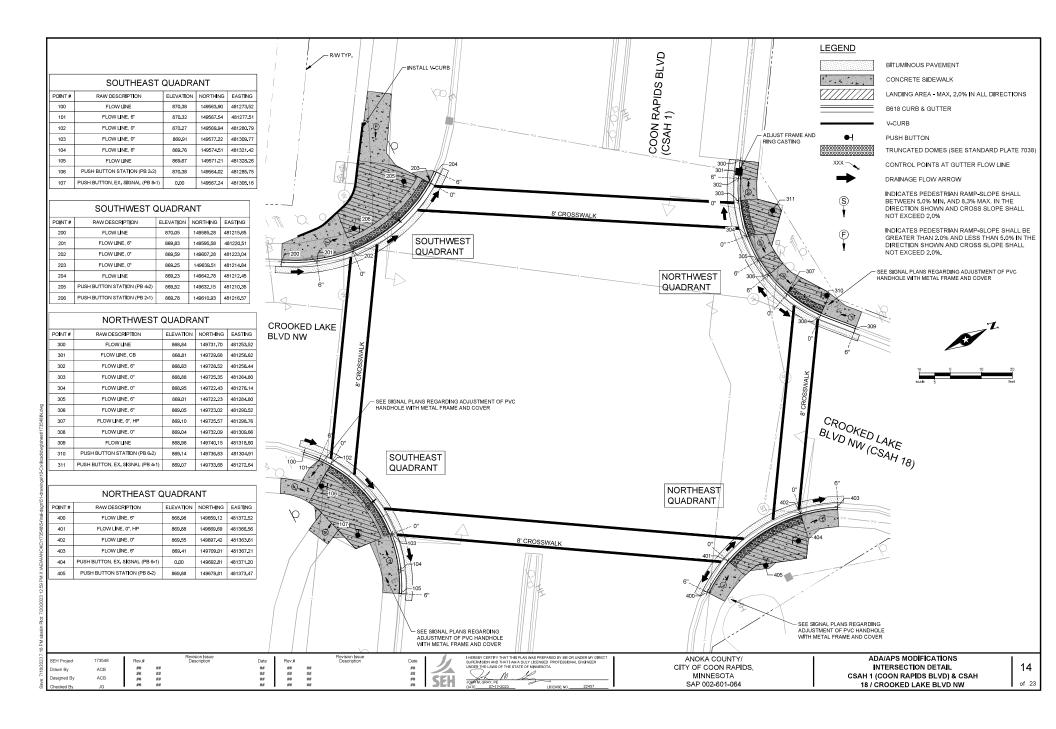


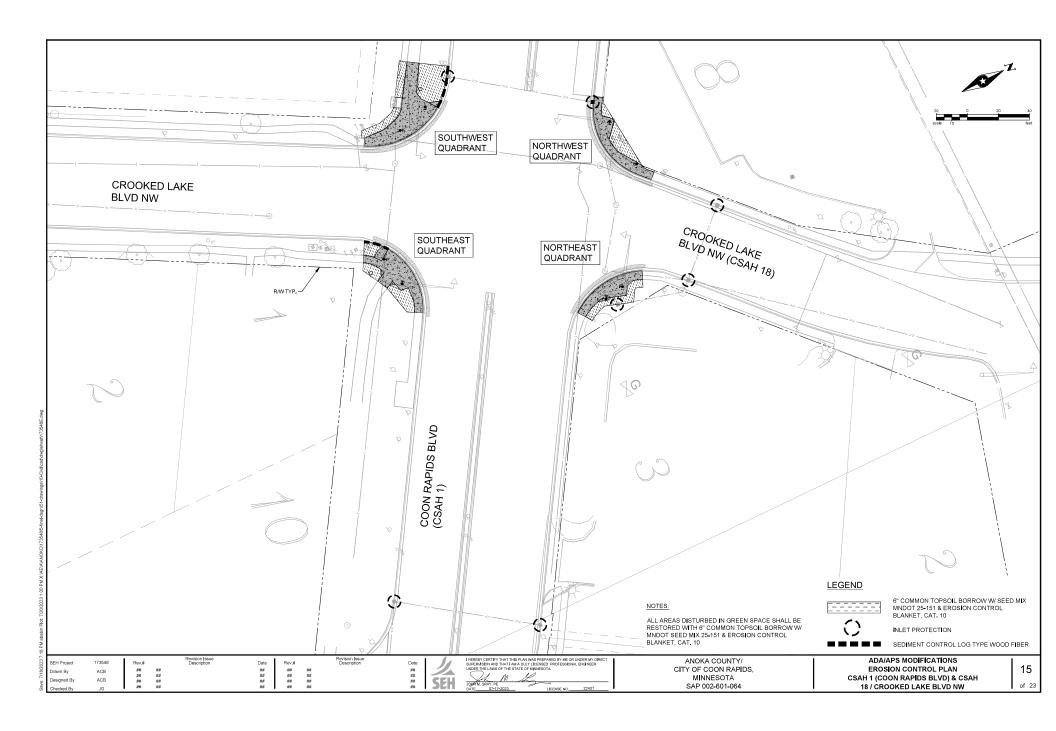












CODE NO.	TOTAL PROJECT QUANTITY	NO. OF POSTS & TYPE	PANEL SIZE (IN)	PANEL LEGEND
D11-1	2	1-U	24 x 18	BIKE ROUTE

	INSTALL SIGN PANEL								
CODE NO.	TOTAL PROJECT QUANTITY	NO. OF POSTS & TYPE	MTG. HT. (FT)	PANEL SIZE (IN)	PANEL LEGEND				
D11-1	2	1-U POST (INPLACE-S & I)	7	24 × 18	BIKE ROUTE				

1	REMOVE SIGNS							
	CODE NO.	TOTAL PROJECT QUANTITY	NO. OF POSTS & TYPE	PANEL SIZE (IN)	PANEL LEGEND			
			-					
	R10-12	2	(1)	36 x 48	LEFT TURN YIELD ON GREEN			

	SIGNS FOR TRAFFIC SIGNAL SYSTEM							
	SIGN PANELS (FURNISH AND INSTALL)							
SIGN PANEL	POLE NO.	a (FT)	SIZE (IN)	AREA/SIGN (SQ. FT.)	NO. REQ.	PANEL LEGEND		
R10-X12	1,2,3,4	1'	36 x 42	10.50	4	LEFT TURN YIELD ON FLASHING YELLOW ARROW		
TOTAL	QUANTIT	ES		42.00	4			

PAVEMENT MARKING REMOVAL TABULATIO	N	_
ITEM	UNIT	TOTAL ESTIMATED QUANTITY
EB CSAH 1 - 24" STOP BAR	SQ. FT.	104
WB CSAH 1 - 24" STOP BAR	SQ. FT.	104
SB CSAH 18 - 24" STOP BAR	SQ. FT.	52
NB CROOKED LAKE BLVD - 24" STOP BAR	SQ. FT.	72
EB CSAH 1 - ZEBRA CROSSWALK (6' x 3' BLOCKS)	SQ. FT.	288
WB CSAH 1 - ZEBRA CROSSWALK (6' x 3' BLOCKS)	SQ. FT.	306
SB CSAH 18 - ZEBRA CROSSWALK (6' x 3' BLOCKS)	SQ. FT.	216
NB CROOKED LAKE BLVD - ZEBRA CROSSWALK (6' x 3' BLOCKS)	SQ. FT.	234
	TOTAL	1376

		UNIT	TOTAL ESTIMATEL QUANTITY			
-						QUANTIT
24	SOLID LINE	WHITE - PREFO	RM THERMO (EB CSAH 1)		LIN. FT.	52
24	SOLID LINE	WHITE - PREFO	RM THERMO (WB CSAH 1)		LIN. FT.	53
24	SOLID LINE	WHITE - PREFO	RM THERMO (CSAH 18)		LIN. FT.	30
24	SOLID LINE	WHITE - PREFO	RM THERMO (CROOKED LAK	E BLVD)	LIN. FT.	40
					TOTAL	175
CR	OSSWALK PR	EFORM THERMOP	LASTIC (EB CSAH 1)		SQ. FT.	384
CR	OSSWALK PR	EFORM THERMOP	LASTIC (WB CSAH 1)		SQ. FT.	408
CR	OSSWALK PR	FORM THERMOP	LASTIC (CSAH 18)		SQ. FT.	240
CR	OSSWALK PRI	EFORM THERMOP	LASTIC (CROOKED LAKE BLV	'D)	SQ. FT.	264
					TOTAL	1296

Designed By

ecked By

JMG

MG

STRIPING NOTES & GUIDELINES

PREFORM THERMOPLASTIC (0.9 MIL) APPLICATION:

MAT TEMPERATURE SHALL BE CHECKED USING A THERMOMETER TO MAKE SURE THE INLAY IS MAI LEMERATURE STALL BE OFFICIED USING A INFRANCE THE TO WARE SOLD HERE THE INCLI IS BEING DONE. IN THE PROPER TEMPERATURE RANGE. THE TEMPERATURE SHOULD MESARE BETWEEN ISO DEGREES F (ASPHALT FIRM ENOUGH TO WALK ON) AND IZO DEGREES F. APPLICATION BELOW IZO DEGREES F MAY NOT GET A PROPER INLAY, INLAY ARE NOT RECOMMENDED A FIRE SEPTEMBER 15 AS THE ASPHALT COOLS TOO FAST AT THIS TIME OF YEAR.

NO PRIMERS ARE USED FOR INLAY APPLICATION. DO NOT INSTALL LANE LINES ON AN ASPHALT SEAM. ROLLING OF ALL THE MARKINGS SHOULD BE LENGTHWISE IN THE DIRECTION THEY WERE LAID. FOR CROSSWALKS AND STOP BARS, INITIAL TAMPING WITH THE TAMPING CART IS RECOMMENDED USING ONLY 100 LBS OF WEIGHT.

USE COMPACTION ROLLER TO EMBED (INLAY) MARKINGS INTO PAVEMENT SURFACE. USE MINIMUM SPEED AND WATER ON ROLLER. DO NOT USE VIDEATOR IF MARKING BUCKLES OR DISTORTS SEVERELY IN FRONT OF ROLLER. MAT TEMPERATURE OR ROLLER SPEED MAY BE TOO HIGH.

GENERAL INFORMATION:

THE EXAMPLEYS INVOLVEMENT IN THE APPLICATION OF THE MATERIAL SHALL BE LIMITED TO FIELD CONSULTATION AND INSPECTION. THE ENCINEER WILL PLACE NECESSARY "SPOTTING" AT APPROPRIATE POINTS TO PROVIDE HORIZONTAL CONTROL FOR STRIPTING AND TO DETERMINE NECESSARY STARTING AND CUTOFF POINTS. LONGITUDINAL JOINTS, PAVEMENT EDGES AND EXISTING MARKINGS MAY SERVE AS HORIZONTAL CONTROL HERE SO DIRECTED.

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 YELD SIGN, STOP SIGN OR TRAFFIC SIGNAL. THE BREAK POINT IS TO BE AT THE START OF THE RADUS FOR THE INTERSECTION OR AT MARKED STOP LINES OR CROSSWALKS.

A TOLERANCE OF 1/4 INCH UNDER OR 1/4 INCH OVER THE SPECIFIED WIDTH WILL BE ALLOWED FOR STRPING PROVIDED THE VARIATION IS GRADUAL AND DOES NOT DETRACT FROM THE CENERAL APPEARANCE. BROKEN LINE SCHENTS MAY VARY UP TO ONE-HALF FOOT FROM THE GENERAL AFFEARANCE, BRUKEN LINE SEGMENTS MAT VART UP TO UNE-HALF FUOL FROM THE SPECIFIED LEGITIS PROMOED THE OVER AND UNDER VARIATIONS AFE REASONABLEY I INCH. MATERIAL SHOTE SPECIFIC UNE AND UNDER VARIATIONS AFER REASONABLEY I INCH. MATERIAL SHALL NOT BELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO COMPLY AS CLOSELY AS PRACTICABLE WITH THE PLANNED DIMENSIONS.

JUST PRIOR TO THE PLACEMENT OF PAVEMENT MARKINGS, THE ROAD SURFACE SHALL BE CLEANED AND FREE OF CONTAMINATION AS RECOMMENDED BY THE MATERIAL MANUFACTURER AND ACCEPTABLE TO THE ENGINEER. PORTLAND CEMENT CONCRETE SURFACES SHALL BE SANDBLAST CLEANED TO REMOVE ANY SURFACE TREATMENTS AND/OR LAITANCE.

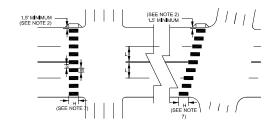
APPLY ALL PAVEMENT MARKINGS AS RECOMMENDED BY THE MATERIAL MANUFACTURER.

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

REFER TO SPECIAL PROVISIONS OR SPEC BOOK FOR GROUND IN/RECESSED PAVEMENT MARKING APPLICATION REQUIREMENTS.

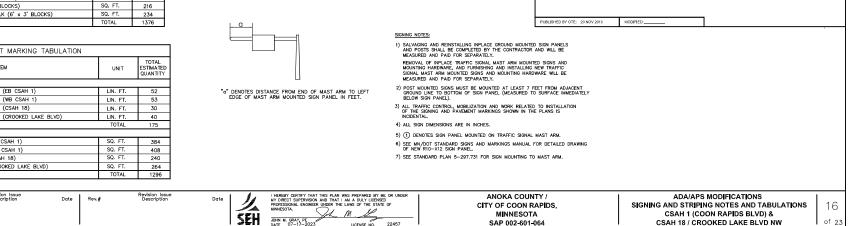
PEDESTRIAN CROSSWALK MARKINGS

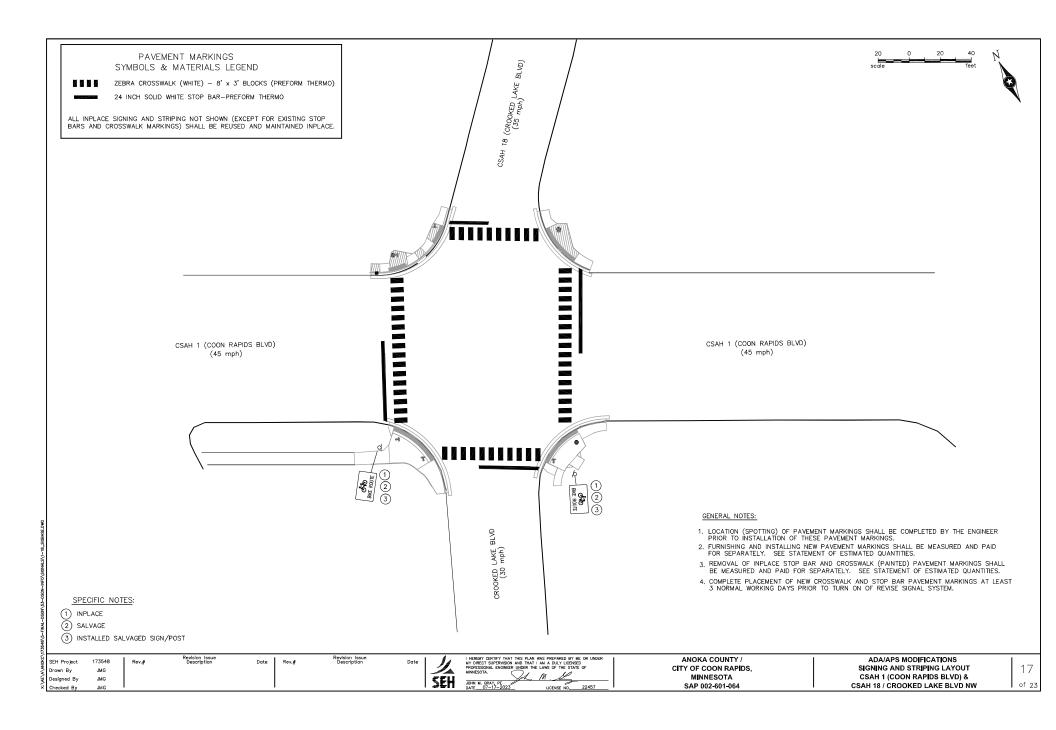
WIDTH OF INSIDE LANE (L)	WDTH OF MARKED AREA (W)	WIDTH OF SPACE (S)
9'	3'	3'
10'	3'	3'
11'	3'	3'
12'	3'	3'
13'	3'	3'

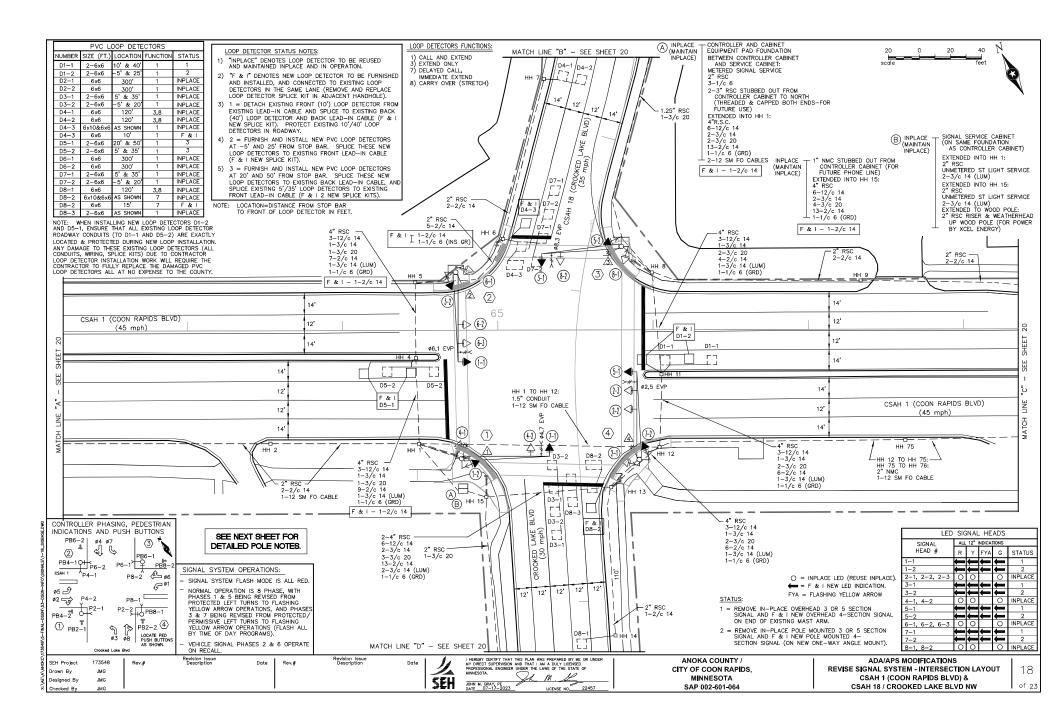


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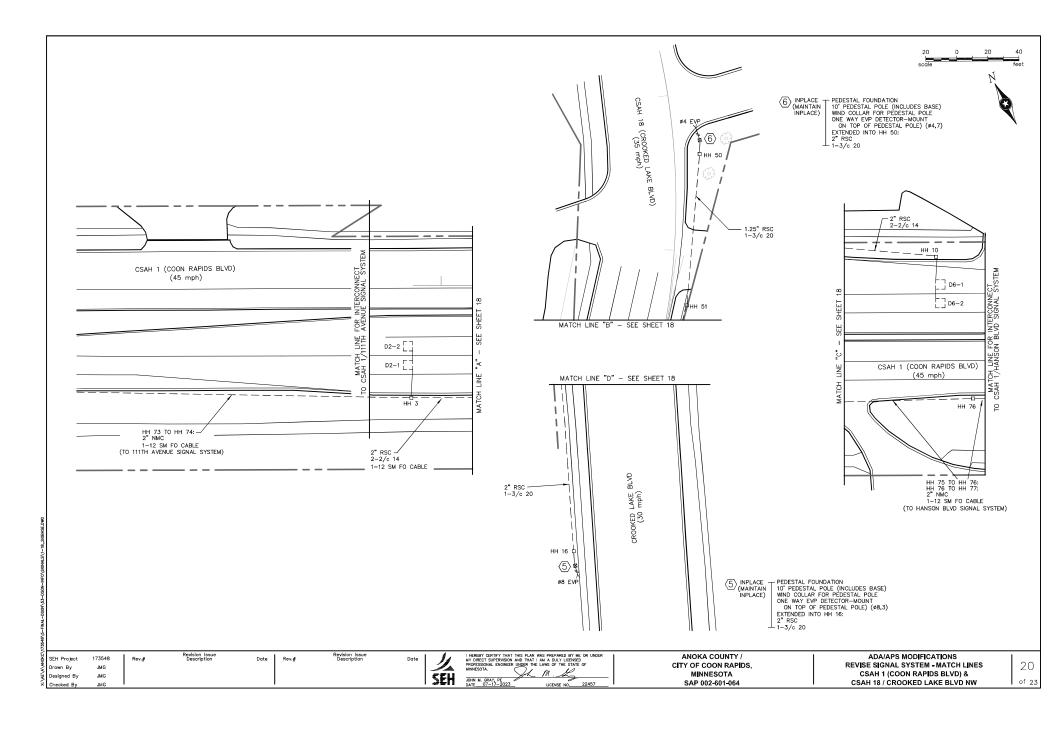
- 1. PAINTED AREAS TO BE CENTERED ON CENTERLINE AND LANE LINES.
- 2. A MINIMUM OF 1.5 FT, CLEAR DISTANCE SHALL BE LEFT ADJACENT TO THE CURB FACE. IF LAST PAINTED AREA FALLS INTO THIS DISTANCE IT MUST BE OMITTED.
- ON TWO LANE TWO WAY STREETS, USE SPACING SHOWN FOR AN 11 FT. INSIDE LANE.
- FOR DIVIDED ROADWAYS, ADJUSTMENTS IN SPACING OF THE BLOCKS SHOULD BE MADE 4 IN THE MEDIAN SO THAT THE BLOCKS ARE MAINTAINED IN THEIR PROPER LOCATION ACROSS THE TRAVELED PORTION OF THE ROADWAY.
- 5. AT SKEWED CROSSWALKS, THE BLOCKS ARE TO REMAIN PARALLEL TO THE LANE LINES AS SHOWN.
- 6. THE BLOCKS SHALL BE PLACED SO THAT THEY ARE NOT LOCATED IN THE WHEEL PATH OF THE VEHICLES.
- THE BLOCKS SHALL BE A MINIMUM OF 6' LONG AND AT LEAST AS LONG AS THE TRUNCATED DOMES, FOR FANNED TRUNCATED DOMES THE BLOCKS SHALL BE AT LEAST AS LONG AS THE APPROACHING SIDEWALK OR SHARED LISE PATH

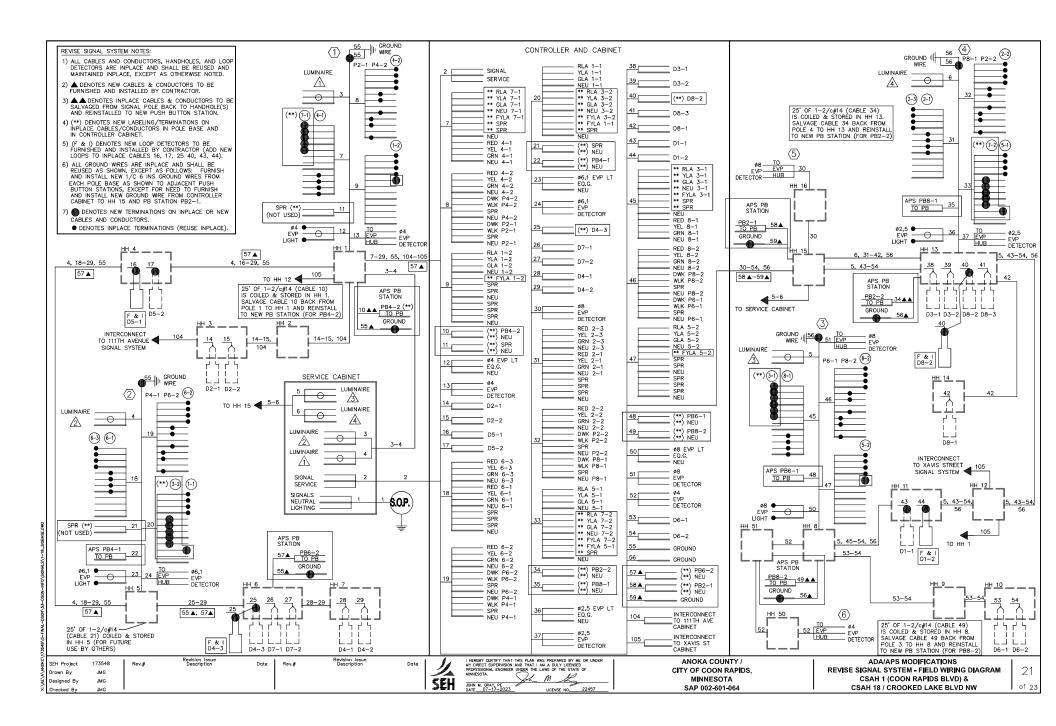


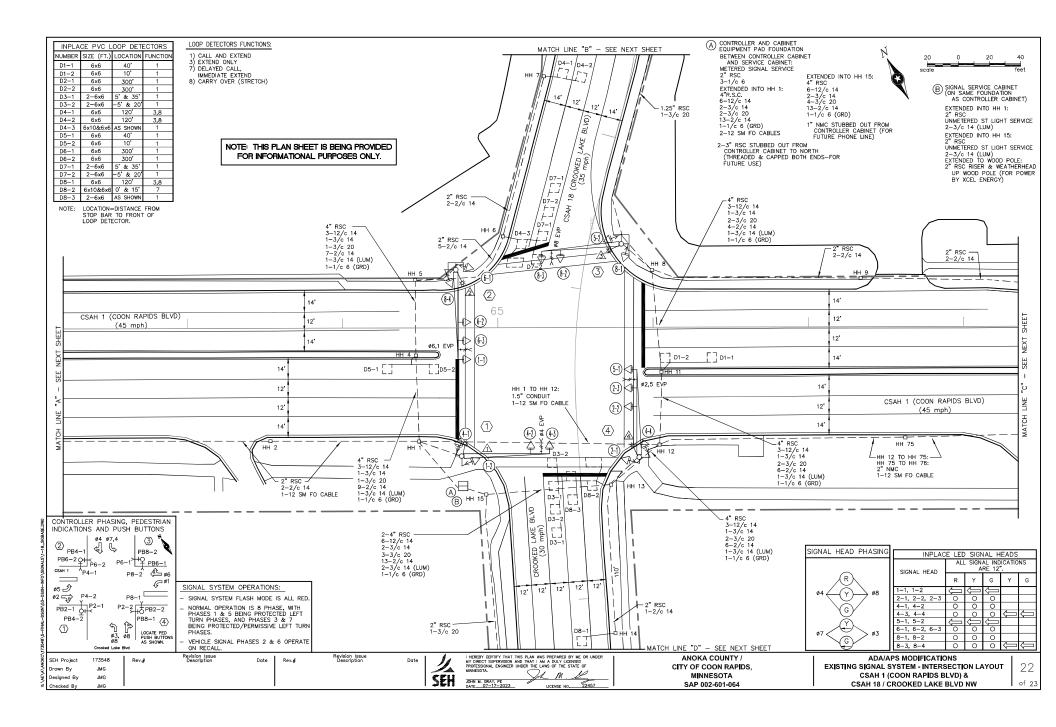


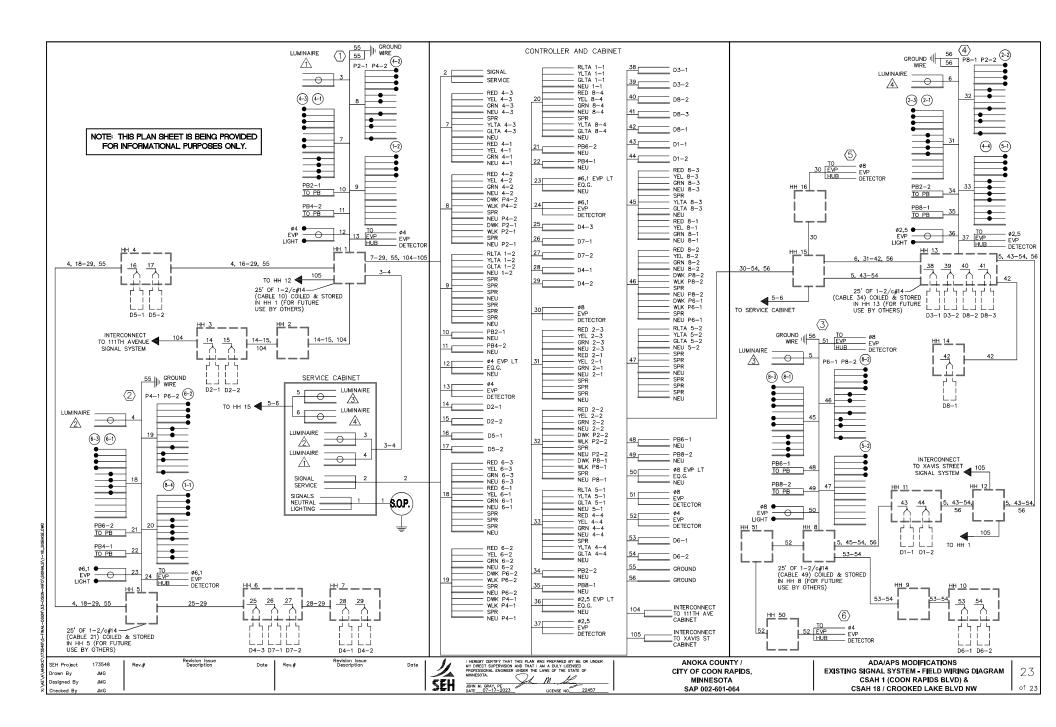


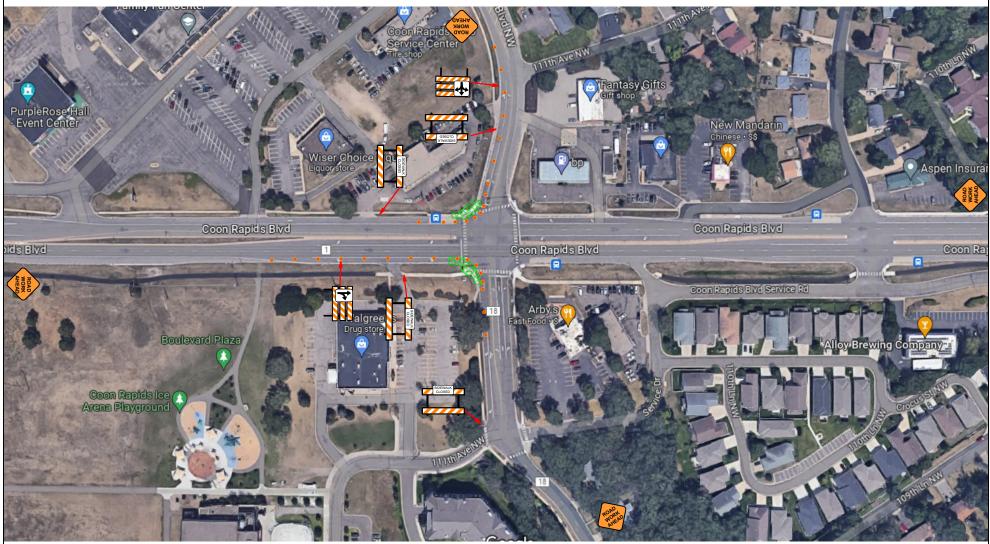
 REVISE SIGNAL SYSTEM NOTES: ALL ITEMS OF THIS SIGNAL SYSTEM ARE INPLACE AND SHALL BE REVISED AND MAINTAINED INPLACE, UNLESS BOXED IN AND NOTED OTHERWISE ON PLANS. ALL HANDHOLES (PVC WITH METAL FRAMES AND COVERS) ARE INPLACE AND SHALL BE REVISED MAINTAINED INPLACE, EXCEPT AS FOLLOWS: ADJUST HANDHOLES 6, 8, 12, 13, AND 15 TO FINISHED SURROUNDING SIDEWALK OR BOULEVARD (RADE AFTER ALL WORK IS COMPLETED (REVISE EXISTING METAL FRAME & COVER). ALL HANDHOLES FOLLOWS: ADJUST HANDHOLES ADJUSTMET WORK WILL BE MERSURED AND PAID FOR SEPARATELY FROM ITEM NO. 2565 (REVISE SIGNAL SYSTEM). SEE DETAILS, SPECIAL PROVISIONS, AND STATEMENT OF ESTIMATED QUANTITIES. LOCATION OF NEW LOOP DETECTORS AND PUSH BUTTON STATIONS SHALL BE DETERMINED IN THE FILED BY THE ENGINEER. ALL CABLES AND CONDUCTORS, CONDUIT, HANDHOLES, AND LOOP DETECTORS ARE INFLACE AND SHALL BE REVISED AND MAINTAINED INPLACE, EXCEPT WHERE BOXED IN AND DENOTED OTHERWISE. LOOP DETECTOR WIRES SHALL BE CORSS-LINKED POLYETHYLENE (XLP) 12 AWG IN 3/4" NMC. LOOP DETECTORS IMPACTED BY EITHER CURB RAME WORK OR RE-STREPING WORK SHALL BE VERNISED, INSTALLED & MALE OPERATIONAL BY CONTRACTOR TO SATISFACTION OF ENGINEER. SEE DETAILS & SPECIAL PROVISIONS. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXSTING LOOP DETECTOR SPICE KITS (FOR ANY LOOP DETECTOR BEING REPLACED OR MODIFIED AS PART TO FTIS FROLECT) AND SHALL FURNISH AND INSTALL REWOVE AND DISPOSE OF ALL EXSTING LOOP DETECTOR SPICE KITS (FOR ANY LOOP DETECTOR BEING REPLACED OR MODIFIED AS PART TO FTIS FROLECT) AND SHALL FURNISH AND INSTALL REWOVE AND DEDOLET) AND SHALL FURNISH AND INSTALL REWOVE AND DEDOLETOR SA SHOWN AND FOR ASPARTE PAY ITEM HAS BEEN ADDED (2565 – RIGID PVC LOOP DETECTOR 6 X 6¹, 9 FOR HOTH MODIFICATION OF LOOP DETECTOR SITEM HAND BEON AS SHOWN AND FOR 	$ \left[\begin{array}{c} \left(\begin{array}{c} 1 \\ (MAINTAIN \\ (MAINTAIN \\ (MAINTAIN \\ (MAINTAIN \\ (NPLACE \\) \\ 1 \\ \left(\begin{array}{c} 1 \\ (MAINTAIN \\ (NPLACE \\) \\ 1 \\ - \\ \end{array} \right) \\ \left(\begin{array}{c} 1 \\ 1 \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\$	INPLACE (MAINTAIN) INPLACE PAIDO POLE FOUNDATION TYPE PAIDO-A-55-DAO-9 (DAVIT AT 350 DEG) (LUMMARE-250 W HPS) 2-STRAGHT MOUNT SIGNALS-OVERHEAD AT 11'/23' (6-3, 6- 1-ANGLE MOUNT SIGNAL-POLE MOUNTED 180 DEG (6-1) 2-ANGLE MOUNT SIGNAL-POLE MOUNTED 180 DEG (6-1) 2-ANGLE MOUNT SIGNAL-OVERHEAD AT 11'/23' (6-3, 6- POLE MOUNTED 90/180 DEG 2-R6-1 SIGN PANELS-POLE MOUNTED 0/180 DEG TYPE D SIGN PANELS-POLE MOUNTED 0/180 DEG 0NE WAY EVP DETECTOR & LIGHT (#6,1) EXENDED INTO HH 5: 3-R5C 14 1-3/C 14 1-3/C 14 1-3/C 14 1-3/C 14 (USE CABLE 22 FOR APS PB4-1) 1-3/C 14 (USE 2-PEP DUSH BUTTONS (SOLD-STATE) AND RIO 3-6 METAL SI AT 0/270 DEG INPLACE 1-ONE WAY SIGNAL AND MOUNT-OVERHEAD AT 0' (OLD 1-1) 1-3/C 14 (LUB) 1-1/C 6 (GRD) INPLACE 1-ONE WAY SIGNAL AND MOUNT-OVERHEAD AT 0' (OLD 1-1) 1-3/C 14 (LUB) 1-1/C 6 (GRD) INPLACE 1-ONE WAY SIGNAL AND MOUNT-OVERHEAD AT 0' (OLD 1-1) 1-3/C 14 (LUB) 1-1/C 6 (GRD) INPLACE 1-ONE WAY SIGNAL AND MOUNT-OVERHEAD AT 0' (OLD 1-1) 1-3/C 14 (LUB) 1-1/C 6 (GRD) INPLACE 1-ONE WAY SIGNAL AND MOUNT-OVERHEAD AT 0' (OLD 1-1) 1-2/C 2/C 14 (CABLE 21) - TAPE DN OF CABLE, COIL IN POLE AT 0/270 DEG INPLACE 1-ONE WAY SIGNAL & ANGLE MOUNT-OVERHEAD AT 0' (NEW 1-ONE WAY SIGNAL & ANGLE MOUNT-OVERHEAD AT 0' (NEW 1-ONE WAY SIGNAL & ANGLE MOUNT-OVERHEAD AT 0' (NEW 1-ONE WAY SIGNAL & ANGLE MOUNT-OVERHEAD AT 0' (NEW 1-0/E DS P, SIGN (LT ARROW) AND ANS MAST ARM POLE ADAP (PB4-1) 1-1/C 6 (DS ON MAST ARM POLE MARE PUSH BUTTONS AND USED TO BE (AT 0/270 DEG)	$ \begin{array}{c} \label{eq:constraint} \left[\begin{array}{c} F \& I & \\ - & APS & PB \& SIGN (RT ARROW) (PB4-2) \\ EXTEND INTO HH 1: \\ - & -APS & PB \& SIGN (RT ARROW) (PB4-2) \\ EXTEND INTO HH 1: \\ - & -1-APS & PB \& SIGN (RT ARROW) (PB4-2) \\ EXTEND INTO HH 1: \\ - & -1-2/c 14 (SALVAGE INPLACE CABLE 10 \\ SW QUADRANT \\ \hline \\ $
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SEH Project 173548 Rev.≢ Description Date Drown By JMG Designed By JMG Checked By JMG	Rev.# Revision Issue Description Date Date I HEREBY COSTIFY THAT THIS PLAN HAS PREPARED. SEEN SUPERVISION AND THAT I HAN A DAY LU PROFESSION. LIGHTER HORE: THE LIVES OF THE THE MARKEDTA	STATE OF CITY OF COON RAPIDS, MINNESOTA	ADA/APS MODIFICATIONS REVISE SIGNAL SYSTEM - POLE AND GENERAL NOTES CSAH 1 (COON RAPIDS BLVD) & CSAH 18 / CROOKED LAKE BLVD NW of 23











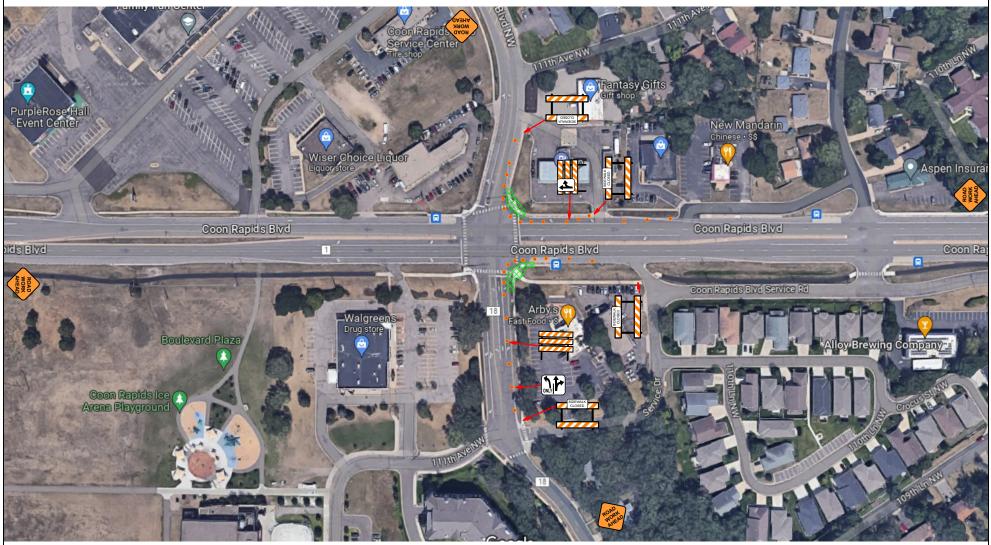
STAGE 1



NOTE: ANY SCHEDULING OF EQUIPMENT MUST BE DONE THROUGH WARNING LITES OF MN, INC- FRONT OFFICE 612-521-4200

CONTACT: Collin Kopitzke PHONE: 320-447-9230 PROJECT: START DATE: DURATION: WORK TYPE: Signal and ADA Ramp HOURS OF OPERATION: 24-HOUR SETUP AUTHOR: PJ Pitschka MN TCS CERT#: 3852 MAP PAGE: 1 CITY: Coon Rapids DATE: 9/14/23 PAGE: 1 OF 2 SCALE: NONE GOV. AGENCY: Anoka County 4700 LYNDALE AVE N MINNEAPOLIS, MN 55430 TEL: 612-366-8849 FAX: 612-521-0646

pjpitschka@warninglitesmn.com



STAGE 2



NOTE: ANY SCHEDULING OF EQUIPMENT MUST BE DONE THROUGH WARNING LITES OF MN, INC- FRONT OFFICE 612-521-4200

CONTACT: Collin Kopitzke PHONE: 320-447-9230 PROJECT: START DATE: DURATION: WORK TYPE: Signal and ADA Ramp HOURS OF OPERATION: 24-HOUR SETUP AUTHOR: PJ Pitschka MN TCS CERT#: 3852 MAP PAGE: 1 CITY: Coon Rapids DATE: 9/14/23 PAGE: 2 OF 2 SCALE: NONE GOV. AGENCY: Anoka County 4700 LYNDALE AVE N MINNEAPOLIS, MN 55430 TEL: 612-366-8849 FAX: 612-521-0646

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STAGE 1



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FAX: 612-521-0646 pjpitschka@warninglitesmn.com



STAGE 2 Match A

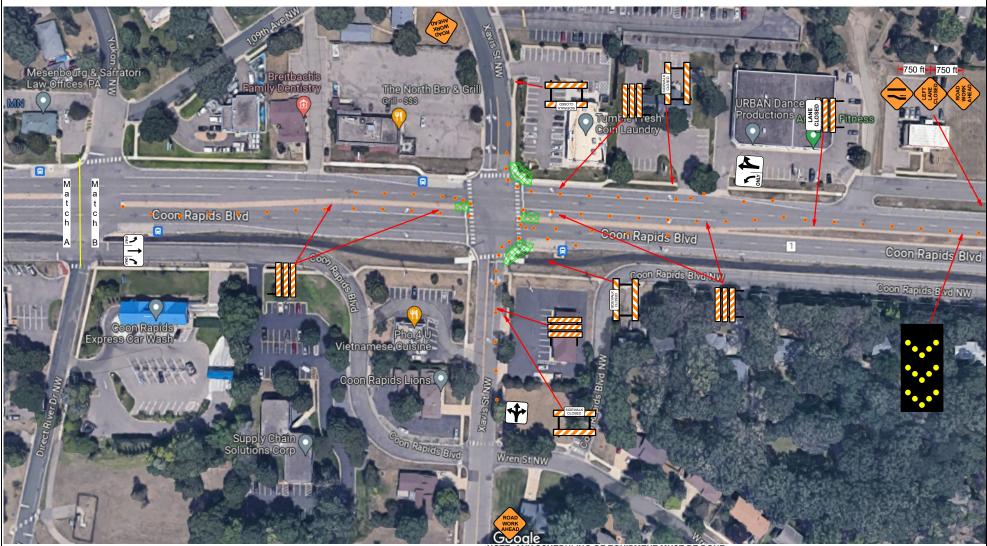


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MINNEAPOLIS, MN 55430 TEL: 612-366-8849 FAX: 612-521-0646 pjpitschka@warninglitesmn.com



STAGE 2 Match B



NOTE: ANY SCHEDULING OF EQUIPMENT MUST BE DONE THROUGH WARNING LITES OF MN, INC- FRONT OFFICE 612-521-4200

CONTACT: Collin Kopitzke PHONE: 320-447-9230 PROJECT: START DATE: DURATION: WORK TYPE: Signal and ADA Ramp HOURS OF OPERATION: 24-HOUR SETUP AUTHOR: PJ Pitschka MN TCS CERT#: 3852 MAP PAGE: 1 CITY: Coon Rapids DATE: 9/14/23 PAGE: 2 OF 2 SCALE: NONE GOV. AGENCY: Anoka County



TEL: 612-366-8849 FAX: 612-521-0646 pjpitschka@warninglitesmn.com



Highway

Transit Surveyor GIS Fleet

Anoka County TRANSPORTATION DIVISION

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Joe MacPherson, P.E. Chief Officer, Transportation, County Engineer Jerry Auge, P.E. Department Director, Assistant County Engineer

EXCAVATOR AND OPERATOR NOTICE

This notice is for all excavators and operators applying for permits involving excavations - your obligations to comply with Minnesota State Statues 216D are attached to this notice.

This notice is a requirement of State Statute 216D.02; Notice to Excavators and Operators.

Our Passion Is Your Safe Way Home

1440 Bunker Lake Boulevard N.W. ▲ Andover, MN 55304-4005 Office: 763-324-3100 ▲ Fax: 763-324-3020 ▲ www.anokacounty.us/highway

MINNESOTA STATUTES 2022

216D.03 NOTIFICATION CENTER.

Subdivision 1. **Participation.** An operator shall participate in and share in the costs of one statewide notification center operated by a vendor selected under subdivision 2.

Subd. 2. Establishment of notification center; rules. (a) The notification center services must be provided by a nonprofit corporation approved in writing by the commissioner. The nonprofit corporation must be governed by a board of directors of up to 20 members, one of whom is the director of the Office of Pipeline Safety. The other board members must represent and be elected by operators, excavators, and other persons eligible to participate in the center. In deciding to approve a nonprofit corporation, the commissioner shall consider whether it meets the requirements of this paragraph and whether it demonstrates that it has the ability to contract for and implement the notification center service.

(b) The commissioner shall adopt rules:

(1) establishing a notification process and competitive bidding procedure for selecting a vendor to provide the notification service;

(2) governing the operating procedures and technology needed for a statewide notification center; and

(3) setting forth the method for assessing the cost of the service among operators.

(c) The commissioner shall select a vendor to provide the notification center service. The commissioner may advertise for bids as provided in section 16C.06, subdivisions 1 and 2, and base the selection of a vendor on best value as provided in section 16C.06, subdivision 6. The commissioner shall select and contract with the vendor to provide the notification center service, but all costs of the center must be paid by the operators. The commissioner may at any time appoint a task force to advise on the renewal of the contract or any other matter involving the center's operations.

(d) An operator may submit a bid and be selected to contract to provide the notification center service under paragraph (a) or (c). The commissioner shall annually review the services provided by the nonprofit corporation approved under paragraph (a) or the vendor selected under paragraph (c).

Subd. 3. **Cooperation with local government.** In establishing operating procedures and technology for the statewide notification center, the board of directors or the commissioner must work in cooperation with the League of Minnesota Cities, the Association of Minnesota Counties, and the Township Officers' Association. The purpose of this cooperation is to maximize the participation of local governmental units that issue permits for activities involving excavation to assure that excavators receive notice of and comply with the requirements of sections 216D.01 to 216D.07.

Subd. 4. Notice to local government. The notification center shall provide local governmental units with a master list, by county, of the operators in the county who are participants in the notification center, and the telephone number and mailing address of the notification center.

History: 1987 c 353 s 9; 1997 c 187 art 1 s 15; 1998 c 386 art 2 s 69

MINNESOTA STATUTES 2022

216D.04 EXCAVATION; LAND SURVEY.

Subdivision 1. Notice required; contents. (a) Except in an emergency, an excavator shall and a land surveyor may contact the notification center and provide notice at least 48 hours, excluding Saturdays, Sundays, and holidays and not more than 14 calendar days before beginning any excavation or boundary survey. An excavation or boundary survey begins, for purposes of this requirement, the first time excavation or a boundary survey occurs in an area that was not previously identified by the excavator or land surveyor in the notice.

- (b) The notice may be oral or written, and must contain the following information:
- (1) the name of the individual providing the notice;
- (2) the precise location of the proposed area of excavation or survey;
- (3) the name, address, and telephone number of the individual or individual's company;
- (4) the field telephone number, if one is available;
- (5) the type and extent of the activity;
- (6) whether or not the discharge of explosives is anticipated;
- (7) the date and time when the excavation or survey is to commence; and
- (8) the estimated duration of the activity.

Subd. 1a. **Plans for excavation.** (a) Any person, prior to soliciting bids or entering into a contract for excavation, shall provide a proposed notice to the notification center to obtain from the affected operators of underground facilities the type, size, and general location of underground facilities. Affected operators shall provide the information within 15 working days. An operator who provides information to a person who is not a unit of government may indicate any portions of the information which are proprietary and may require the person to provide appropriate confidentiality protection. The information obtained from affected operators must be submitted on the final drawing used for the bid or contract and must depict the utility quality level of that information. This information must be updated not more than 90 days before completion of the final drawing used for the bid or contract.

(b) This subdivision does not apply to bids and contracts for:

(1) routine maintenance of underground facilities or installation, maintenance, or repair of service lines;

- (2) excavation for operators of underground facilities performed on a unit of work or similar basis; or
- (3) excavation for home construction and projects by home owners.

(c) A person required by this section to show existing underground facilities on its drawings shall conduct one or more preliminary design meetings during the design phase to communicate the project design and coordinate utility relocation. Affected facility operators shall attend these meetings or make other arrangements to provide information.

(d) A person required by this section to show existing underground facilities on its drawings shall conduct one or more preconstruction meetings to communicate the project design and coordinate utility relocation. Affected facility operators and contractors shall attend these meetings or make other arrangements to provide information. 216D.04

2

(e) This subdivision does not affect the obligation to provide a notice of excavation as required under subdivision 1.

Subd. 2. **Duties of notification center; regarding notice.** The notification center shall assign an inquiry identification number to each notice and retain a record of all notices received for at least six years. The center shall immediately transmit the information contained in a notice to every operator that has an underground facility in the area of the proposed excavation or boundary survey.

Subd. 3. Locating underground facility; operator. (a) Prior to the excavation start time on the notice, an operator shall locate and mark or otherwise provide the approximate horizontal location of the underground facilities of the operator and provide readily available information regarding the operator's abandoned and out-of-service underground facilities as shown on maps, drawings, diagrams, or other records used in the operator's normal course of business, without cost to the excavator. The excavator shall determine the precise location of the underground facility, without damage, before excavating within two feet of the marked location of the underground facility.

(b) Within 96 hours or the time specified in the notice, whichever is later, after receiving a notice for boundary survey from the notification center, excluding Saturdays, Sundays, and holidays, unless otherwise agreed to between the land surveyor and operator, an operator shall locate and mark or otherwise provide the approximate horizontal location of the underground facilities of the operator, without cost to the land surveyor.

(c) For the purpose of this section, the approximate horizontal location of the underground facilities is a strip of land two feet on either side of the underground facilities.

(d) Markers used to designate the approximate location of underground facilities must follow the current color code standard used by the American Public Works Association.

(e) If the operator cannot complete marking of the excavation or boundary survey area before the excavation or boundary survey start time stated in the notice, the operator shall promptly contact the excavator or land surveyor.

(f) After December 31, 1998, operators shall maintain maps, drawings, diagrams, or other records of any underground facility abandoned or out-of-service after December 31, 1998.

(g) An operator or other person providing information pursuant to this subdivision is not responsible to any person, for any costs, claims, or damages for information provided in good faith regarding abandoned, out-of-service, or private or customer-owned underground facilities.

Subd. 4. Locating underground facility; excavator or land surveyor. (a) The excavator or land surveyor shall determine the precise location of the underground facility, without damage, before excavating within two feet on either side of the marked location of the underground facility.

(b) If the excavator or land surveyor cancels the excavation or boundary survey, the excavator or land surveyor shall cancel the notice through the notification center.

(c) The notice is valid for 14 calendar days from the start time stated on the notice. If the activity will continue after the expiration time, then the person responsible for the activity shall serve an additional notice at least 48 hours, excluding Saturdays, Sundays, and holidays, before the expiration time of the original notice, unless the excavator makes arrangements with the operators affected to periodically verify or refresh the marks, in which case the notice is valid for six months from the start time stated on the notice.

MINNESOTA STATUTES 2022

(d) The excavator is responsible for reasonably protecting and preserving the marks until no longer required for proper and safe excavation near the underground facility. If the excavator has reason to believe the marks are obliterated, obscured, missing, or incorrect, the excavator shall notify the facility operator or notification center in order to have an operator verify or refresh the marks.

History: 1987 c 353 s 10; 1992 c 493 s 5; 1993 c 341 art 1 s 21; 1997 c 196 s 1; 1998 c 348 s 1-3; 2004 c 163 s 2-6

MINNESOTA STATUTES 2022

216D.05

216D.05 PRECAUTIONS TO AVOID DAMAGE.

An excavator shall:

(1) plan the excavation to avoid damage to and minimize interference with underground facilities in and near the construction area;

(2) use white markings for proposed excavations except where it can be shown that it is not practical;

(3) maintain a clearance between an underground facility and the cutting edge or point of any mechanized equipment, considering the known limit of control of the cutting edge or point to avoid damage to the facility;

(4) provide support for underground facilities in and near the construction area, including during backfill operations, to protect the facilities; and

(5) conduct the excavation in a careful and prudent manner.

History: 1987 c 353 s 11; 1998 c 348 s 4; 2004 c 163 s 7

MINNESOTA STATUTES 2022

216D.06 DAMAGE TO FACILITY.

Subdivision 1. **Notice; repair.** (a) If any damage occurs to an underground facility or its protective covering, the excavator shall notify the operator promptly. When the operator receives a damage notice, the operator shall promptly dispatch personnel to the damage area to investigate. If the damage results in the escape of any flammable, toxic, or corrosive gas or liquid or endangers life, health, or property, the excavator responsible shall immediately notify the operator and the 911 public safety answering point, as defined in section 403.02, subdivision 19, and take immediate action to protect the public and property. The excavator shall also attempt to minimize the hazard until arrival of the operator's personnel or until emergency responders have arrived and completed their assessment. The 911 public safety answering point shall maintain a response plan for notifications generated by this section.

(b) An excavator shall delay backfilling in the immediate area of the damaged underground facilities until the damage has been investigated by the operator, unless the operator authorizes otherwise. The repair of damage must be performed by the operator or by qualified personnel authorized by the operator.

(c) An excavator who knowingly damages an underground facility, and who does not notify the operator as soon as reasonably possible or who backfills in violation of paragraph (b), is guilty of a misdemeanor.

Subd. 2. **Cost reimbursement.** (a) If an excavator damages an underground facility, the excavator shall reimburse the operator for the cost of necessary repairs, and for a pipeline the cost of the product that was being carried in the pipeline and was lost as a direct result of the damage.

(b) Reimbursement is not required if the damage to the underground facility was caused by the sole negligence of the operator or the operator failed to comply with section 216D.04, subdivision 3.

Subd. 3. **Prima facie evidence of negligence.** It is prima facie evidence of the excavator's negligence in a civil court action if damage to the underground facilities of an operator resulted from excavation, and the excavator failed to give an excavation notice under section 216D.04 or provide support as required by section 216D.05.

History: 1987 c 353 s 12; 1999 c 43 s 1

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216D.07 EFFECT ON LOCAL ORDINANCES.

(a) Sections 216D.01 to 216D.07 do not affect or impair local ordinances, charters, or other provisions of law requiring permits to be obtained before excavating.

(b) A person with a permit for excavation from the state or a public agency is subject to sections 216D.01 to 216D.07. The state or public agency that issued a permit for excavation is not liable for the actions of an excavator who fails to comply with sections 216D.01 to 216D.07.

History: 1987 c 353 s 13

CHAPTER 7560 OFFICE OF PIPELINE SAFETY EXCAVATION NOTICE SYSTEM

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7560.0100 DEFINITIONS.

Subpart 1. Scope. The terms used in this chapter have the meanings given them. Terms not defined in this part have the meanings given them in Minnesota Statutes, section 216D.01.

Subp. 1a. **Abandoned facility.** "Abandoned facility" means an underground facility that is no longer in service and is physically disconnected from a portion of the operating facility that is in use or still carries service. An abandoned facility has been deemed abandoned by the operator.

Subp. 2. **Director.** "Director" means the director of the Office of Pipeline Safety of the Minnesota Department of Public Safety.

Subp. 3. **Good cause to believe.** "Good cause to believe" means grounds put forth in good faith that are not arbitrary, irrational, unreasonable, or irrelevant and that are based on at least one of the following sources:

A. information from a person;

B. facts supplied by the notification center defined in Minnesota Statutes, section 216D.01, subdivision 8;

C. facts of which the director or an agent of the director has personal knowledge; and

D. information provided by excavators or operators.

Subp. 4. Locate. "Locate" means an operator's markings of an underground facility.

Subp. 5. [Renumbered as subp 8]

Subp. 5a. [Renumbered as subp 9]

Subp. 6. [Renumbered as subp 11]

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Subp. 7. **Meet.** When used as a noun in this chapter, "meet" refers to a meeting at the site of proposed excavation requested at the time of notice by the excavator with all affected underground facility operators to further clarify the precise geographic location of excavation, schedule locating, propose future contacts, and share other information concerning the excavation and facilities.

Subp. 8. Office. "Office" means the Office of Pipeline Safety of the Minnesota Department of Public Safety.

Subp. 9. **Out-of-service facility.** "Out-of-service facility" means an underground facility that is no longer maintained and is not intended for future use, but has not been deemed abandoned. An out-of-service facility may still be connected to a portion of the operating facility that is in use or still carries service.

Subp. 10. **Public right-of-way.** "Public right-of-way" means the area on, below, or above a public roadway, highway, street, cartway, bicycle lane, and sidewalk in which a government unit has an interest, including other rights-of-way dedicated for travel purposes and utility easements of government units.

Subp. 11. **Remuneration.** "Remuneration" means direct or indirect compensation or consideration paid to the person or the person's agent, employer, employee, subcontractor, or contractor. A person who excavates as part of the person's duties as an employee, employer, agent, subcontractor, or contractor is considered to be acting for remuneration.

Subp. 12. Service lateral. "Service lateral" means an underground facility that is used to transmit, distribute, or furnish gas, electricity, communications, or water from a common source to an end-use customer. A service lateral is also an underground facility that is used in the removal of wastewater from a customer's premises.

Statutory Authority: *MS s* 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04 History: 16 SR 135; 24 SR 448; 29 SR 1503 Published Electronically: *July* 20, 2005

7560.0125 ABANDONED AND OUT-OF-SERVICE FACILITIES.

Subpart 1. **Duty of operators to provide readily available information.** Operators shall provide readily available information, as shown on maps, drawings, diagrams, or other records used in the normal course of business, on the approximate location of abandoned and out-of-service facilities to an excavator by the excavation date and time noted on the excavation or location notice unless otherwise agreed between the excavator and the operator. An operator fulfills an obligation to provide information on these facilities by doing one or more of the following:

A. locating and marking the approximate location of the facility according to the current color code standard used by the American Public Works Association, as required in Minnesota Statutes, section 216D.04, subdivision 3, with an abandoned or out-of-service facility identified by an uppercase A surrounded by a circle;

- B. providing informational flags at the area of proposed excavation;
- C. communicating information verbally; or
- D. providing copies of maps, diagrams, or records.

Subp. 2. Duty to notify operator. An excavator shall notify the operator:

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A. before moving, removing, or otherwise altering a facility that is thought to be abandoned or out of service; or

B. if damage to the facility occurs, pursuant to Minnesota Statutes, section 216D.01, subdivision 2.

Subp. 3. Verification of abandoned or out-of-service facility. Upon receipt of notification by an excavator pursuant to subpart 2, an operator shall verify that an underground facility is abandoned or out of service, by either reference to installation records, testing, or other comparable standard of verification, before an excavator is allowed to move, remove, or otherwise alter an underground facility.

Subp. 4. Liability. An operator providing information pursuant to Minnesota Statutes, section 216D.04, subdivision 3, is not responsible to any person for any costs, claims, or damages for information provided in good faith regarding abandoned and out-of-service underground facilities.

Statutory Authority: *MS s* 14.06; 216D.08; 299J.04; 299F.60 **History:** 24 SR 448 **Published Electronically:** July 20, 2005

7560.0150 PUBLIC RIGHT-OF-WAY MAPPING AND INSTALLATION.

Subpart 1. **Duty of operator to map.** After December 31, 2005, an operator shall maintain a map, a diagram, a drawing, or geospatial information regarding the location of its underground facility within a public right-of-way installed after that date.

Subp. 2. **Duty to install locating wire.** After December 31, 2005, an operator shall install a locating wire or have an equally effective means of marking the location of each nonconductive underground facility within a public right-of-way installed after that date. This requirement does not apply when making minor repairs to an existing nonconductive facility. As applied to this chapter, "minor repairs" means repairs to or partial replacement of portions of existing service laterals located within a public right-of-way for purposes of routine maintenance and upkeep.

Statutory Authority: MS s 299J.04

History: 29 SR 1503

Published Electronically: July 20, 2005

7560.0200 [Repealed, 24 SR 448]

Published Electronically: July 20, 2005

7560.0225 EXCAVATOR RESPONSIBILITIES REGARDING A LOCATE.

Subpart 1. [Repealed, 29 SR 1503]

Subp. 2. **Responsibility to protect and preserve.** The excavator is responsible for reasonably protecting and preserving a locate until no longer required for proper and safe excavation near the underground facility. If the excavator has reason to believe a locate is obliterated, obscured, missing, or incorrect, the excavator shall notify the facility operator or notification center in order to have an operator verify, refresh, or re-mark the locate.

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Subp. 3. Use of locate. A locate is valid for 14 days from the excavation commencement time stated on the excavation or location notice, unless the excavator has made previous arrangements with the operators affected to periodically verify, refresh, or re-mark the locate.

Statutory Authority: *MS s* 14.06; 216D.08; 299J.04; 299F.60 History: 24 SR 448; 29 SR 1503 Published Electronically: July 20, 2005

7560.0250 LOCATE STANDARDS.

Subpart 1. Facility locate. Unless otherwise agreed to between the excavator and operator, an operator shall locate an underground facility using stakes, flags, paint, or other suitable materials in varying combinations dependent upon the surface. The locate must be in sufficient detail to clearly identify the approximate route of the underground facility. The locate must also include:

A. name, abbreviation, or logo of the operator when more than one operator listed on the notice uses the same color markings;

B. width of the underground facility if it is greater than eight inches; and

C. number of underground facilities if greater than one.

Subp. 2. **Operator duties in no conflict situation.** After December 31, 2005, an operator who receives notice and determines that an underground facility is not in conflict with the proposed excavation shall complete one or more of the following:

A. mark the area "NO" followed by the operator's name, abbreviation, or logo in the color code of the underground facility not in conflict;

B. place a clear plastic flag at the area that:

(1) states "N/C" or "NO CONFLICT" in lettering matching the color code of the underground facility that is not in conflict; and

(2) includes the operator's name, abbreviation, or logo, the date, a contact telephone number, and the ticket number; or

C. contact the notification center through procedures required by the notification center and indicate that there are no underground facilities in conflict with the proposed excavation and that no markings or flags were left at the proposed excavation site.

Subp. 3. **Placement of flags or markings.** If using N/C (no conflict) flags or markings pursuant to subpart 2, an operator shall place the flags or markings in a location that can be readily observed by an excavator. When an area of proposed excavation is delineated by the use of white markings, an operator shall place the N/C flags or markings within, or as near as practicable to, the delineated area.

Subp. 4. **Duties of notification center.** After December 31, 2005, the notification center shall make the information received under subpart 2 available to the excavator before the start date and time on the notice. The notification center may fulfill this requirement by making the information accessible through one or more Internet addresses, by transmitting the information to a continuously working facsimile machine maintained by the excavator, or by other methodology developed by the notification center. The notification center shall make available the information received by operators pursuant to this section through

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an electronic means. The notification center is not required by this subpart to contact an excavator verbally via telephone.

Statutory Authority: *MS s 299J.04* History: *29 SR 1503* Published Electronically: *July 20, 2005*

7560.0300 OPERATOR PARTICIPATES AND SHARES COSTS.

An operator shall participate in and share the costs of the one call excavation notice system by:

A. submitting the information required by the notification center to allow the center to notify the operator of excavation activity;

B. updating the information provided to the notification center on a timely basis;

C. installing and paying for equipment reasonably requested by the notification center to facilitate receipt of notice of excavation from the center;

D. paying the costs charged by the notification center on a timely basis; and

E. receiving and responding to excavation notices, including emergency notices, as required by Minnesota Statutes, chapter 216D.

Statutory Authority: MS s 14.06; 216D.08; 299F.56; 299F.641

History: 16 SR 135

Published Electronically: July 20, 2005

7560.0325 EMERGENCY EXCAVATION NOTICES.

Subpart 1. **Duty of excavator to provide notice.** An excavator shall provide notice to the notification center before commencing an emergency excavation, unless subpart 2 applies. All emergency notices, regardless whether made prior to excavation, must be verbal or in a manner accepted by the notification center. In addition to the information required by the notification center, the notice must also contain:

A. a description of the situation requiring the emergency excavation;

B. the precise location of the proposed area of the emergency excavation;

C. at least one continuously staffed telephone number where the excavator can be contacted by the operator throughout the emergency; and

D. the excavation start date and time if the need for excavation is not immediate.

Subp. 2. Excavating before notice. If an emergency is such that providing notice or waiting for an operator would result in an undue risk to life, health, or significant loss of property, the excavator may excavate without providing prior notice or waiting for an operator to mark an underground facility. In this situation, the excavator shall provide notice as soon as practicable and take all reasonable precautions to avoid or minimize damage. Excavation prior to notice under this subpart does not relieve an excavator from any responsibility for damage to an underground facility pursuant to Minnesota Statutes, section 216D.06.

Subp. 3. Emergency notice requesting immediate response. Upon receiving an emergency excavation notice requesting an immediate response, an operator shall:

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7560.0350 EXCAVATION NOTICE SYSTEM

A. attempt to contact the excavator within one hour at the telephone number provided in subpart 1, item C, to provide any information concerning facilities at or near the area of excavation including an anticipated response time; and

B. locate and mark the underground facility within three hours of notice unless:

(1) otherwise agreed between the parties;

(2) the operator notifies the excavator that not locating does not present an immediate danger to life or health, or a significant loss of property; or

(3) there is an event or situation that cannot be reasonably anticipated or controlled by the operator.

Subp. 4. Emergency notice requesting scheduled response. Upon receiving an emergency excavation notice that does not require an immediate response, and before the scheduled excavation start date and time, an operator shall:

A. locate and mark the underground facility, unless otherwise agreed between the parties; or

B. notify the excavator at the telephone number provided in subpart 1, item C, that there is not an underground facility within the area of proposed excavation.

For purposes of this subpart, a requested start time of three hours or less from the time notice is provided to the center is considered an emergency notice requesting immediate response under subpart 3.

Statutory Authority: *MS s 299J.04* History: *29 SR 1503* Published Electronically: *July 20, 2005*

7560.0350 EXCAVATION NOTICE REQUESTING MEET.

Subpart 1. Excavator duties. When requesting a meet through the notification center, an excavator must provide at least one contact name and telephone number to assist in facilitating the meet. An excavator shall contact the notification center to cancel or reschedule the meet and the notification center shall relay this information to the affected operators. When a meet is requested, an excavator's notice must include the entire geographic area of the proposed excavation and the specific location of the meet. This part does not relieve an excavator from the duty to provide a precise geographic location of the proposed area of excavation, or to use white markings except where it can be shown that to do so is not practical.

Subp. 2. **Operator duties.** When a meet is requested, an affected operator shall make a reasonable effort to attend the meet at the proposed date and time, or contact the excavator before the meet and reschedule for a mutually agreed date and time.

Subp. 3. Excavation start date and time. When a meet is requested, the meet date and time must be at least 48 hours after notice is provided, excluding Saturdays, Sundays, and holidays, and the excavation start date and time must be at least 24 hours after the proposed meet date and time specified on the notice, excluding Saturdays, Sundays, and holidays. This subpart does not apply if these matters are provided for in a written agreement with all affected operators.

Subp. 4. **Meet request documentation.** An excavator shall maintain written documentation of each meet with an underground facility operator or representative. This documentation must be kept for the duration of the excavation conducted under the notice. The documentation must include:

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- A. the date and time of each meet;
- B. the names, company affiliations, and contact information of the attendees of each meet;
- C. a diagram, sketch, or description of the precise excavation locations, dates, and times; and
- D. the agreed schedule of any future meets or communications.

Statutory Authority: MS s 299J.04

History: 29 SR 1503

Published Electronically: July 20, 2005

7560.0375 LOCATING A SERVICE LATERAL.

Subpart 1. **Operator duties.** Unless otherwise agreed, an underground facility operator shall locate a service lateral before the start date and time on the notice and in accordance with items A through C:

A. An operator of a natural gas, propane, or electric facility shall locate a service lateral up to the meter or the connection to a customer's underground facility, whichever is closer to the end-use customer. If the meter or connection to the customer's underground facility is within a public right-of-way, at a minimum the operator shall locate that portion of the service lateral within the public right-of-way up to the point where the service lateral first leaves the public right-of-way.

B. An operator of a communication facility shall locate a service lateral up to the entry of the first building. If the service lateral does not enter a building, the operator shall locate up to the utilization equipment, fence, or wall that surrounds the equipment.

C. After December 31, 2005, an operator of a sewage or water facility, at a minimum, shall locate that portion of the service lateral within a public right-of-way installed after that date up to the point where the service lateral first leaves the public right-of-way. The operator shall either locate or provide information as shown on maps, drawings, diagrams, or other records, on the location of a sewer or water service lateral installed before January 1, 2006. If no information is available on a sewer or water service lateral installed before January 1, 2006, then notifying the excavator that no information exists fulfills the requirements of this section.

Subp. 2. Exception. An operator is not required to locate a service lateral of a customer who currently participates in the statewide notification system, provided the customer and operator mutually agree that the customer will assume locate responsibilities. The agreement must be in writing.

Statutory Authority: MS s 299J.04

History: 29 SR 1503

Published Electronically: July 20, 2005

7560.0400 CITATIONS.

Subpart 1. Notice of violation. The office shall issue a notice of probable violation when the office has good cause to believe a violation of Minnesota Statutes, sections 216D.01 to 216D.09 or this chapter has occurred.

Subp. 2. Contents of notice of violation. A notice of violation must include:

7560.0500 EXCAVATION NOTICE SYSTEM

A. a statement of the statute or rule allegedly violated by the person and a description of the evidence on which the allegation is based;

B. notice of response options available to the person cited;

C. notice that the person has 30 days in which to respond;

D. notice that failure to respond within 30 days precludes administrative review under this chapter; and

E. if a civil penalty is proposed, the amount of the proposed civil penalty and the maximum civil penalty applicable under law.

Subp. 3. **Receipt of notice.** The notice of violation is deemed received three days after mailing to the person's last known address.

Statutory Authority: MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04

History: 16 SR 135; 24 SR 448

Published Electronically: July 20, 2005

7560.0500 RESPONSE OPTIONS.

The person shall respond to the notice of violation in the following way:

A. When the notice contains a proposed compliance order, the person shall:

- (1) agree to the proposed compliance order;
- (2) request the execution of a consent order;

(3) object to the proposed compliance order and submit written explanations, information, or other materials in answer to the allegations in the notice; or

(4) request the office to initiate a hearing under Minnesota Statutes, sections 14.50 to

14.69.

B. When the notice contains a proposed civil penalty, the person shall:

(1) pay the penalty and close the case;

(2) submit an offer in compromise of the proposed civil penalty;

(3) submit a written explanation, information, or other material in answer to the allegations or in mitigation of the proposed civil penalty; or

(4) request the office to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.

C. Failure to respond in writing within 30 days precludes administrative review under this chapter. A final order will be issued and penalties will be forwarded for collection.

Statutory Authority: MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04

History: 16 SR 135; 24 SR 448

Published Electronically: July 20, 2005

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7560.0600 DIRECTOR REVIEW.

If the person objects to the proposed civil penalty or compliance order and submits written explanations, information, or other materials in response to a notice of violation, within the time specified in part 7560.0500, the director shall review the submissions and determine whether to negotiate further, to change or withdraw the notice of violation, or to initiate a hearing under Minnesota Statutes, sections 14.50 to 14.69.

Statutory Authority: MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04

History: 16 SR 135; 24 SR 448

Published Electronically: July 20, 2005

7560.0700 CONSENT ORDER.

An executed consent order must contain:

A. an admission by the person of the jurisdictional facts;

B. a waiver of further procedural steps and the right to seek judicial or administrative review or otherwise challenge or contest the validity of the consent order; and

C. an agreement that the notice of violation may be used to construe the terms of the consent order.

Statutory Authority: MS s 14.06; 216D.08; 299F.56; 299F.641

History: 16 SR 135

Published Electronically: July 20, 2005

7560.0800 CIVIL PENALTIES.

Subpart 1. **Proceedings against excavators.** When the office has good cause to believe that an excavator is engaging or has engaged in conduct that violates Minnesota Statutes, section 216D.04, subdivision 1, 2, or 3; 216D.05, clause (1), (2), (3), or (4); or 216D.06, subdivision 1, or a rule adopted under Minnesota Statutes, section 216D.08, subdivision 4, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14. An operator who engages or has engaged in excavation that violates Minnesota Statutes, chapter 216D, is subject to the proceedings specified in subpart 2 and is subject to the penalties specified in subpart 4, item B or C.

Subp. 2. Proceedings against underground facility operators. The office may negotiate a civil penalty under item A or B.

A. When the office has good cause to believe that an underground facility operator, other than an operator set forth in item B, is engaging or has engaged in conduct that violates Minnesota Statutes, sections 216D.01 to 216D.07, or a rule adopted under Minnesota Statutes, section 216D.08, subdivision 4, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 216D.08, subdivision 2. A penalty imposed under Minnesota Statutes, section 216D.08, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14.

7560.0800 EXCAVATION NOTICE SYSTEM

B. When the office has good cause to believe that an operator who engages in the transportation of gas or hazardous liquids or who owns or operates a gas or hazardous liquid pipeline facility is engaging or has engaged in conduct that violates Minnesota Statutes, sections 299F.56 to 299F.641, or a rule adopted under Minnesota Statutes, section 299F.60, subdivision 5, the office, if appropriate, shall negotiate a civil penalty under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, subdivision 2. A penalty imposed under Minnesota Statutes, section 299F.60, is subject to the contested case and judicial review provisions of Minnesota Statutes, chapter 14.

Subp. 3. Assessment considerations. In assessing a civil penalty under this part, the office shall consider the following factors:

- A. the nature, circumstances, and gravity of the violation;
- B. the degree of the person's culpability;
- C. the person's history of previous offenses;
- D. the person's ability to pay;
- E. good faith on the part of the person in attempting to remedy the cause of the violation;
- F. the effect of the penalty on the person's ability to continue in business; and
- G. past reports of damage to an underground facility by a person.

Subp. 4. **Maximum penalties.** For the purposes of this part, penalties imposed under this part must not exceed the limits in items A to C.

A. Penalties imposed against excavators must not exceed \$1,000 for each violation per day of violation.

B. Penalties imposed against underground facility operators, other than an operator set forth in item C, must not exceed \$1,000 for each violation per day of violation.

C. Penalties imposed against an operator who engages in the transportation of gas or hazardous liquids or who owns or operates a gas or hazardous liquid pipeline facility must not exceed \$10,000 for each violation for each day that the violation persists, except that the maximum civil penalty must not exceed \$500,000 for a related series of violations.

Subp. 5. **Payment procedure.** The person shall pay a civil penalty that has been proposed, assessed, or compromised by submitting to the office a check or money order in the correct amount, payable to the commissioner of public safety.

Statutory Authority: MS s 14.06; 216D.08; 299F.56; 299F.60; 299F.641; 299J.04

History: 16 SR 135; 24 SR 448

Published Electronically: July 20, 2005

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How to contact Anoka County:

You may change your preferred method of contact whether electronically, or paper copies, or change your email address. You may also request paper copies of certain information from us, or withdraw your prior consent to receive documents. Please use the contact information below for your request and in the body of your correspondence, identify your desired action. If you are

changing an email address, please include your prior email address as well as your new address. If you no longer wish to receive future documents in electronic format, please include that request in the body of your email.

Email: helpdesk@co.anoka.mn.us Phone: (763)-324-4110 Address: Anoka County Government Center Attn: Information Technology, #300 2100 3rd Avenue Anoka, MN 55303

Required hardware and software

The minimum system requirements for using the DocuSign system may change over time. The current system requirements are found here: <u>https://support.docusign.com/guides/signer-guide-signing-system-requirements</u>.

ACKNOWLEDGEMENT

To confirm your access to the electronic notices and disclosures, which will be similar to other electronic notices and disclosures that we may provide to you, please acknowledge that you have read this ERSD by selecting the check-box next to 'I agree to use electronic records and signatures' before clicking 'CONTINUE' within the DocuSign system.

By selecting the check-box next to 'I agree to use electronic records and signatures', you confirm that:

- You can access and read this Electronic Record and Signature Disclosure; and
- You can print this Electronic Record and Signature Disclosure, or save or send this Electronic Record and Disclosure to a location where you can print it, for future reference and access; and
- Until or unless you notify Anoka County as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by Anoka County during the course of your relationship with Anoka County.