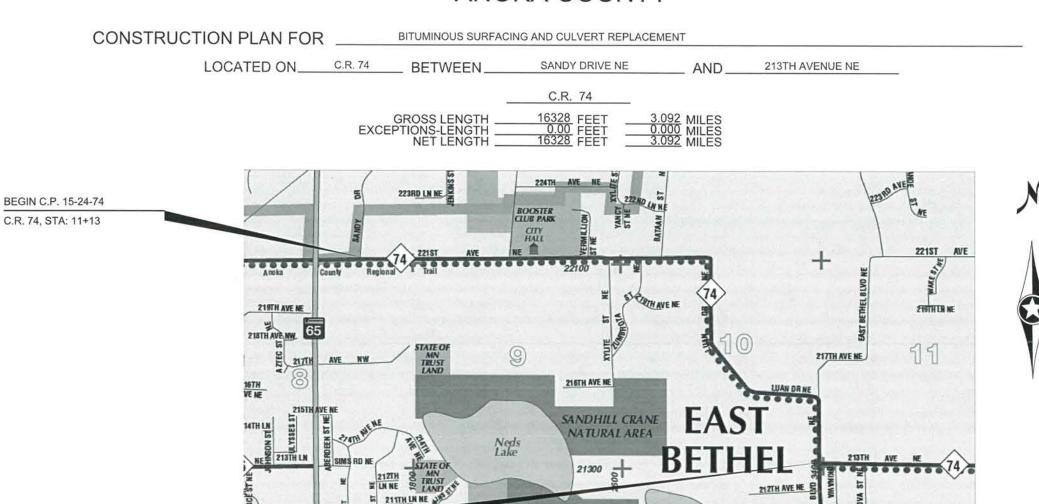
MINNESOTA DEPARTMENT OF TRANSPORTATION ANOKA COUNTY



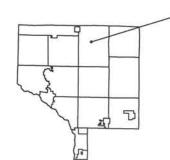
C.R. 74

GROSS LENGTH 16328 FEET 3.092 MILES
EXCEPTIONS-LENGTH 0.00 FEET 0.000 MILES
NET LENGTH 16328 FEET 3.092 MILES

DESIGN SPEED 55 MPH
CURRENT ADT 1520

END C.P. 15-24-74

C.R. 74, STA: 174+41



STATE OF MN IRUST LAND

SANDHILL CRANE NATURAL AREA

PROJECT LOCATION

211TH AVE NE

15

CITY OF EAST BETHEL
ANOKA COUNTY
MN/DOT TRANSPORTATION DISTRICT - METRO
SECTIONS 3, 4, 5, 8, 9, 10, 11
TOWNSHIP 33 NORTH
RANGE 23 WEST

GOVERNING SPECIFICATIONS

THE 2014 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND THE 2014 EDITION OF THE "MATERIALS LAB SUPPLEMENTAL SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE INSTALLED IN ACCORDANCE TO THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MNMUTCD), AND PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS."

THIS PLAN CONTAINS 22 SHEETS

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STATEMENT OF ESTIMATED QUANTITIES
3	TYPICAL SECTIONS
4 - 6	DETAILS
7 - 12	CONSTRUCTION PLAN
13 - 14	DETOUR PLAN
15 - 22	SIGNING AND STRIPING PLANS

Approved ANOKA COUNTY ENGINEER

4/2/20 15

NO DATE BY CKD APPR REVISION 03/19/2015 10:42:53 AM

NAME: P\15-01-00\CR 74(\SandyDr-213thAva)\Base\PROPOSED\TEMPLATE PLAN.dan

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS
THE STATE OF MINNESOTA.

PRINT NAME:

MATTHEW J. JOHN

SIGNATURE:

DATE:

LICENSE NO. 516

 DRAWN BY
 SRK
 DATE
 02/10/20

 DESIGN BY
 SRK
 DATE
 02/10/20

 CHECKED BY
 MJJ
 DATE
 03/13/20



ANOKA COUNTY HIGHWAY DEPT.

TITLE SHEET

COUNTY PROJECT ______15-24-74

Sheet _ 1 of _22 Sheets

ITEM NUMBER	ITEM DESCRIPTION	NOTES	UNIT	TOTAL PROJECT QUANTITIES ESTIMATED
2021.501	MOBILIZATION		LUMP SUM	1
2104.501	REMOVE PIPE CULVERTS		LF	49
2104.505	REMOVE CONCRETE DRIVEWAY PAVEMENT	4	SY	82
2104.505	REMOVE BITUMINOUS PAVEMENT		SY	62
2104.509	REMOVE PIPE APRON		EACH	2
2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)		LF	30
2104.513	SAWING BIT PAVEMENT (FULL DEPTH)		LF	49
2211.501	AGGREGATE BASE CLASS 5	1	TON	14
2221.501	SHOULDER BASE AGGREGATE CLASS 5	2	TON	849
2232.501	MILL BITUMINOUS SURFACE (2.0")	3	SY	165
2357.502	BITUMINOUS MATERIAL FOR TACK COAT		GAL	2178
2360.501	TYPE SP 12.5 WEARING COURSE MIX (3,B)	4	TON	105
2360.501	TYPE SP 12.5 WEARING COURSE MIX (4,E)		TON	4918
2501.515	18" CS PIPE APRON		EACH	2
2503.603	18" HDPE PIPE SEWER		LF	65
2531.507	6" CONCRETE DRIVEWAY PAVEMENT	4	SY	82
2540.602	MAIL BOX SUPPORT	5	EACH	36
2563.601	TRAFFIC CONTROL	6, 7	LS	1
2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	8	UDAY	14
2573.502	SILT FENCE, TYPE MS		LF	86
2574.525	COMMON TOPSOIL BORROW	12	CY	20
2575.523	EROSION CONTROL BLANKETS CATEGORY 0	9	SY	64
2581.501	REMOVABLE PREFORMED PAVEMENT MARKING TAPE	10	LF	653
2582.502	4" SOLID LINE WHITE-EPOXY	11	LF	32310
2582.502	4" SOLID LINE YELLOW-EPOXY	11	LF	3390
2582.502	4" BROKEN LINE YELLOW-EPOXY	11	LF	1948
2582.502	4" DOUBLE SOLID LINE YELLOW-EPOXY	11	LF	6820

	CONSTRUCTION NOTES
1	GRAVEL BASE FOR CONCRETE DRIVEWAYS, AND CULVERT PATCHES.
2	ITEM INCLUDES 7 TONS FOR EACH GRAVEL ENTRANCE AND GRAVEL STREET APPROACH.
3	ITEM INCLUDES 2" DEEP MILL AT BEGINNING AND END OF PROJECT, ALL PAVED ST APPROACHES, AND DRIVEWAYS; SEE DETAILS FOR DIMEN
4	CONTRACTOR IS RESPONSIBILE FOR CONTACTING PROPERTY OWNER 48 HOURS BEFORE STARTING OPERATION. ITEM FOR PAVED ST. APPR. AND DRIVEWAYS.
5	MAILBOXES ARE TO BE INSTALLED AT THE EXISTING MAILBOX LOCATION OR AS DIRECTED BY THE LOCAL POSTAL AUTHORITY, CONTRACTOR IS RESPONSIBILE FOR CONTACTING. MAILBOX REMOVAL AND ALL MATERIALS ARE INCIDENTAL TO INSTALLATION.
6	DO NOT PASS, PASS WITH CARE AND NO CENTER STRIPE SIGNS TO BE INPLACE DURING MILLING, RECLAIMING OR PAVING OPERATIONS.
7	DETOUR IS INCIDENTAL TO TRAFFIC CONTROL.
8	2 MESSAGE BOARDS, ONE ON THE EACH END OF PROJECT WILL BE INSTALLED 7 DAYS PRIOR TO ANY CONSTRUCTION; REFERENCE STRIPING PLAN FOR DETAILS.
9	TYPE 1 FERTILIZER AND TYPE 25-121 SEED ARE INCIDENTAL TO THIS ITEM. 4" OF TOPSOIL IS INCIDENTAL TO ALL TURF ESTABLISHMENT.
40	CENTERLINE AND LANE DESIGNATION SKIPS TO BE APPLIED AS SOON AS POSSIBLE ON EACH NEW LIFT OF PAVEMENT; SKIPS MUST BE
10	INPLACE BEFORE THE CONTRACTOR LEAVES FOR THE DAY. CONTRACTOR IS TO REMOVE PRIOR TO FINAL PAINT STRIPING.
11	FINAL STRIPING SHALL BE INSTALLED WITHIN 72 HOURS OF COMPLETION OF MAINLINE WEAR COURSE PAVING.
12	ITEM USED TO BLEND SLOPES AROUND CULVERT REPLACEMENT.

2357.502	BITUMINOUS MATERIAL FOR TACK COAT	0.05 GAL / SQ YD
2211.501	AGGREGATE BASE CLASS 5	1.8 TONS / CU YD
2360.501	ALL BITUMINOUS PAVEMENT	115 LBS / SQ YD / IN THICKNESS
2581.501	REMOVABLE PREFORM PAVEMENT MARKING TAPE	2' AT 50' INTERVALS

	BY	CKD	 REVISION	03/19/2015	10:42:54 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME
OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY
LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF
THE STATE OF MINNESOTA.

PRINT NAME:

MATTHEW J. JOHN
SIGNATURE:

DATE:

LICENSE NO. 51639

DRAWN BY ____SRK___ DATE _02/10/2015

DESIGN BY SRK DATE 02/10/2015

CHECKED BY MJJ DATE 03/13/2015



ANOKA COUNTY HIGHWAY DEPT.

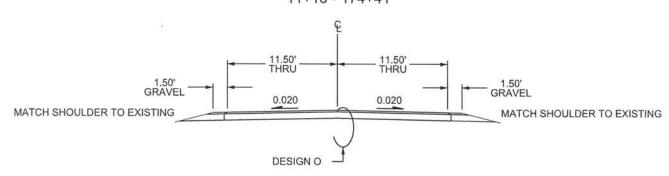
STATEMENT OF ESTIMATED QUANTITIES

COUNTY PROJECT ______15-24-74

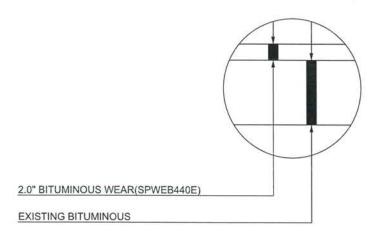
Sheet 2 of 22 Sheets

CR 74 (221ST AVE NE) (EXISTING/PROPOSED) SECTION

11+13 - 174+41



DESIGN O OVERLAY SECTION



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NO	DATE	BY	CKD	APPR	REVISION	03/19/2015	10:42:55 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

STATE OF MINNESOTA.

NT NAME: MATTHEW J. JOHN

NATURE: MATTHEW J. JOHN

DRAWN BY SRK DATE 02/10/2015

DESIGN BY SRK DATE 02/10/2015

CHECKED BY MJJ DATE 03/13/2015

ANOKA COUNTY

ANOKA COUNTY HIGHWAY DEPT.

TYPICAL SECTIONS

COUNTY PROJECT ______15-24-74

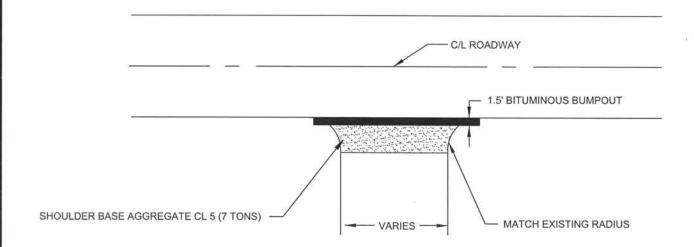
Sheet 3 of 22 Sheets

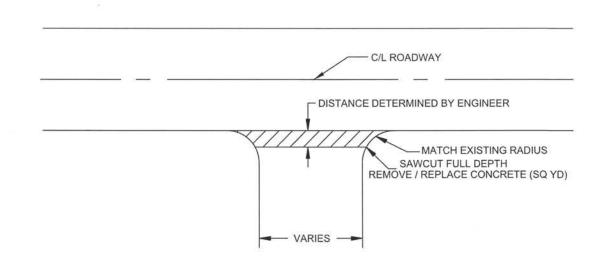
DRIVEWAY DETAIL

GRAVEL / FIELD ENTRANCE

DRIVEWAY DETAIL

CONCRETE DRIVEWAY

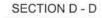


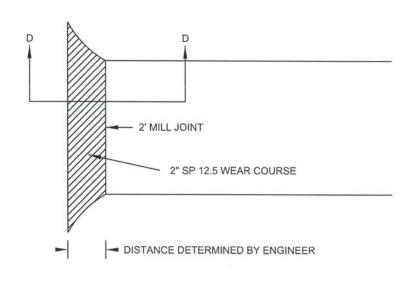


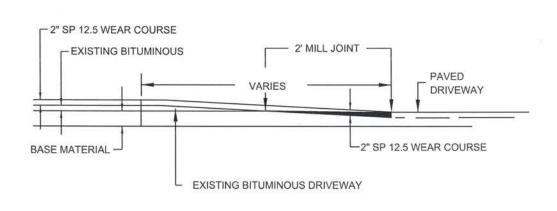
DRIVEWAY DETAIL

BITUMINOUS DRIVEWAY

PLAN VIEW







NO	DATE	BY	CKD	APPR	REVISION	03/19/2015	10:42:57 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DRAWN BY _____ SRK ___ DATE __02/10/201 ESIGN BY ____ SRK __ DATE __ 02/10/2015

HECKED BY MJJ DATE 03/13/201

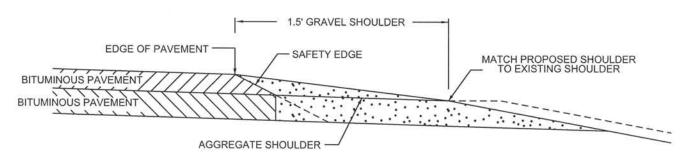
ANOKA COUNTY HIGHWAY DEPT. **DETAILS**

COUNTY PROJECT _

15-24-74 Sheet 4 of 22 Sheets

SHOULDER DETAIL

BITUMINOUS SAFETY EDGE GRAVEL, SHOULDER

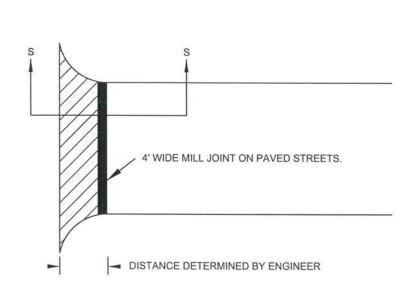


SAFETY EDGE TO BE USED IN ALL NON-CURB AREAS ON SHOULDER.

OPTIONAL DESIGN EXTENDS SAFETY EDGE DEEPER THAN 6" AND WIDER THAN 10.5". SEE SPECIAL PROVISIONS

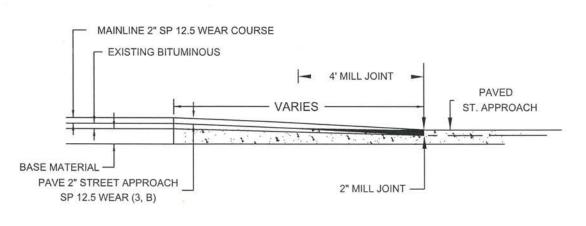
STREET APPROACH DETAIL

BITUMINOUS STREET



PLAN VIEW

SECTION S - S



-							
-		_					
OV	DATE	BY	CKD	APPR	REVISION	03/19/2015	10:43:08 AM

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

MATTHEW I. JOHN
MATTHEW J. JOHN

| DRAWN BY __SRK __DATE __02/10/2015

HECKED BY MJJ DATE 03/13/20

ANOKA COUNTY ANOKA COUNTY HIGHWAY DEPT.

DETAILS

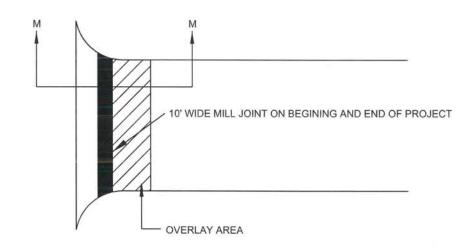
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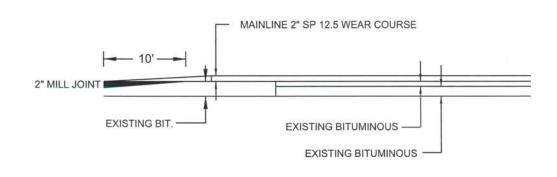
Sheet _5_ of _22_ Sheets

MAINLINE JOINT DETAIL

PLAN VIEW

SECTION M - M





I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

INT NAME: MATTHEW J. JOHN

DRAWN BY _____ SRK___ DATE _02/10/2015
DESIGN BY ____ SRK___ DATE _02/10/2015

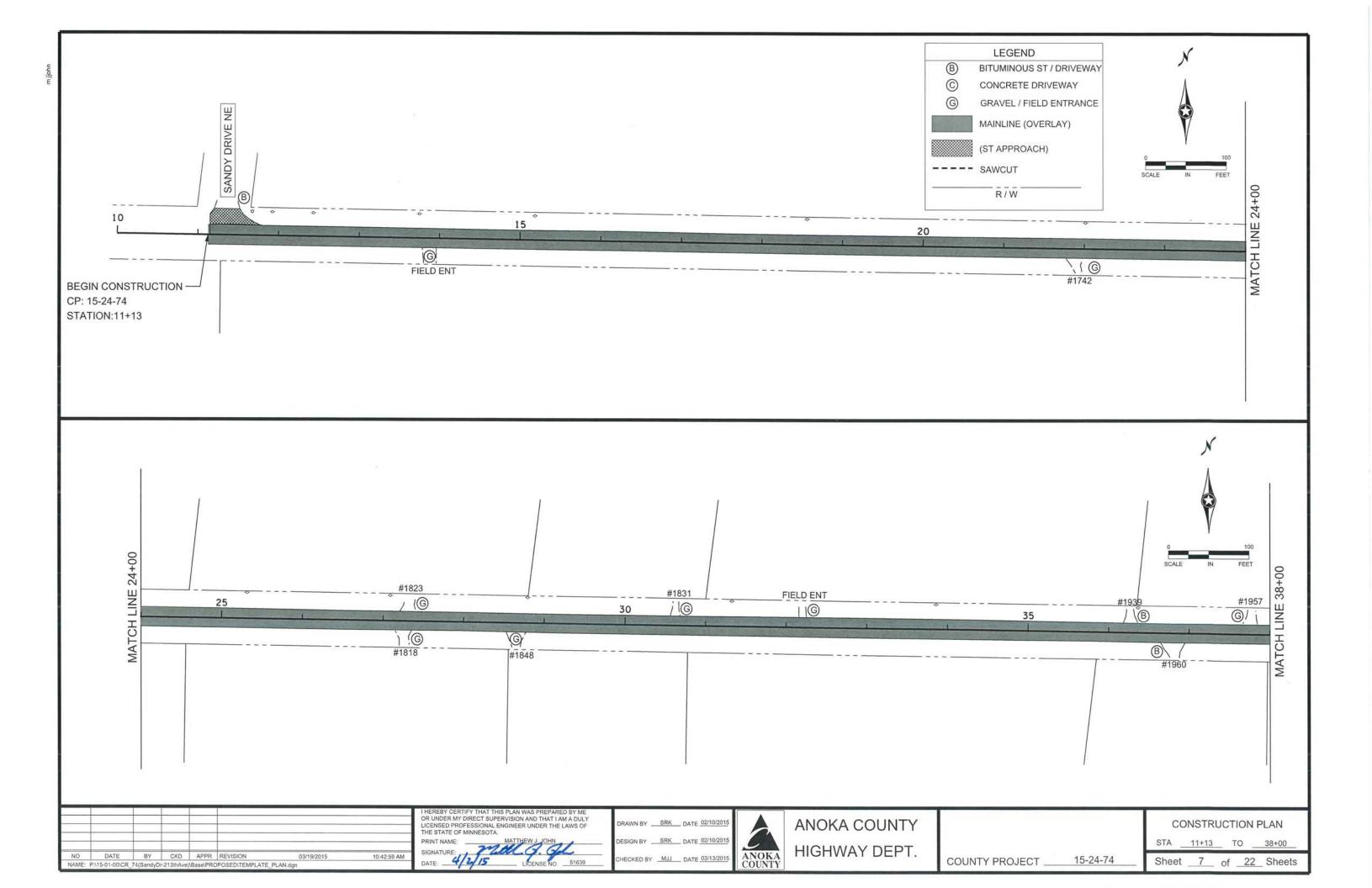


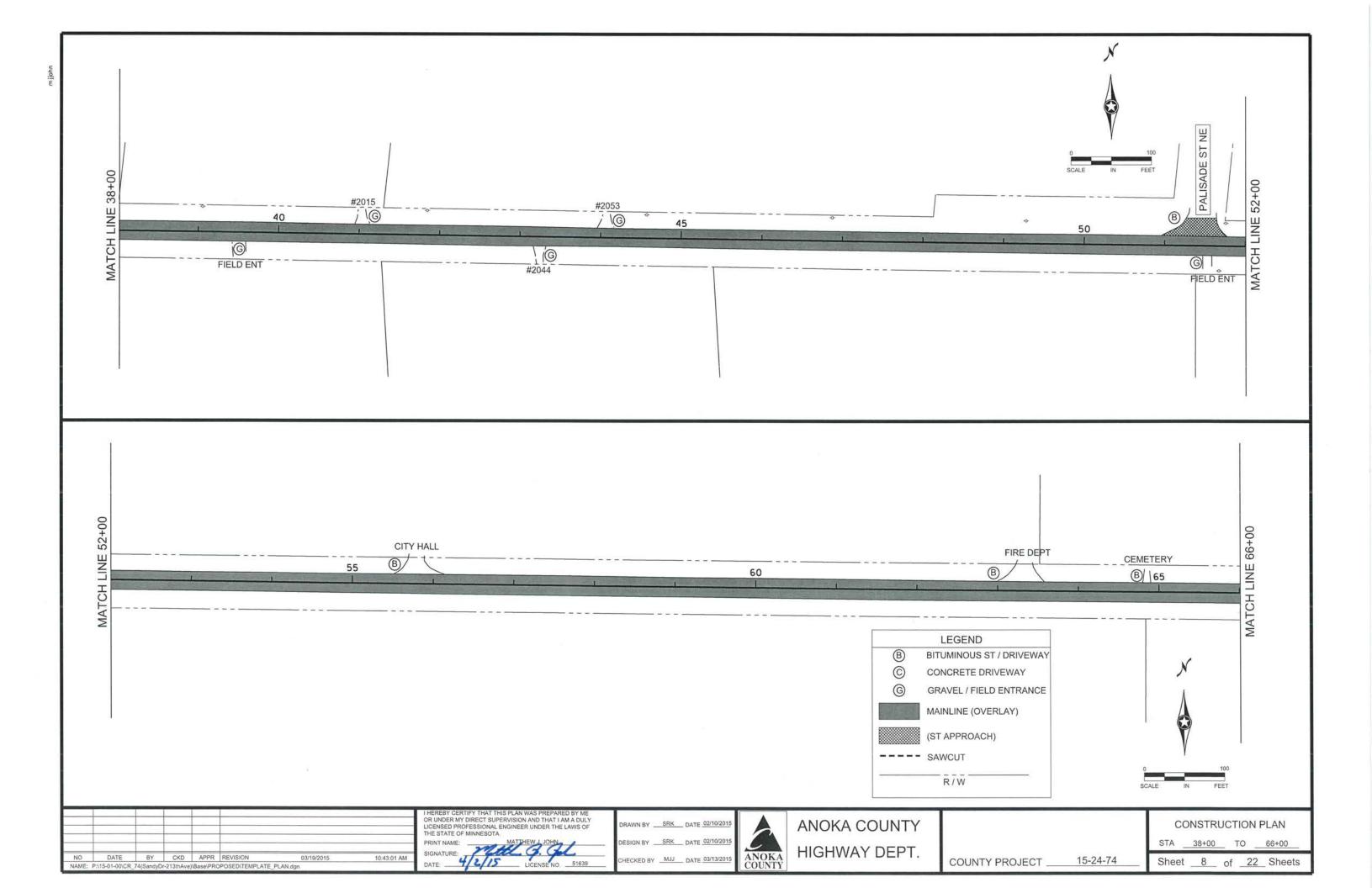
ANOKA COUNTY HIGHWAY DEPT.

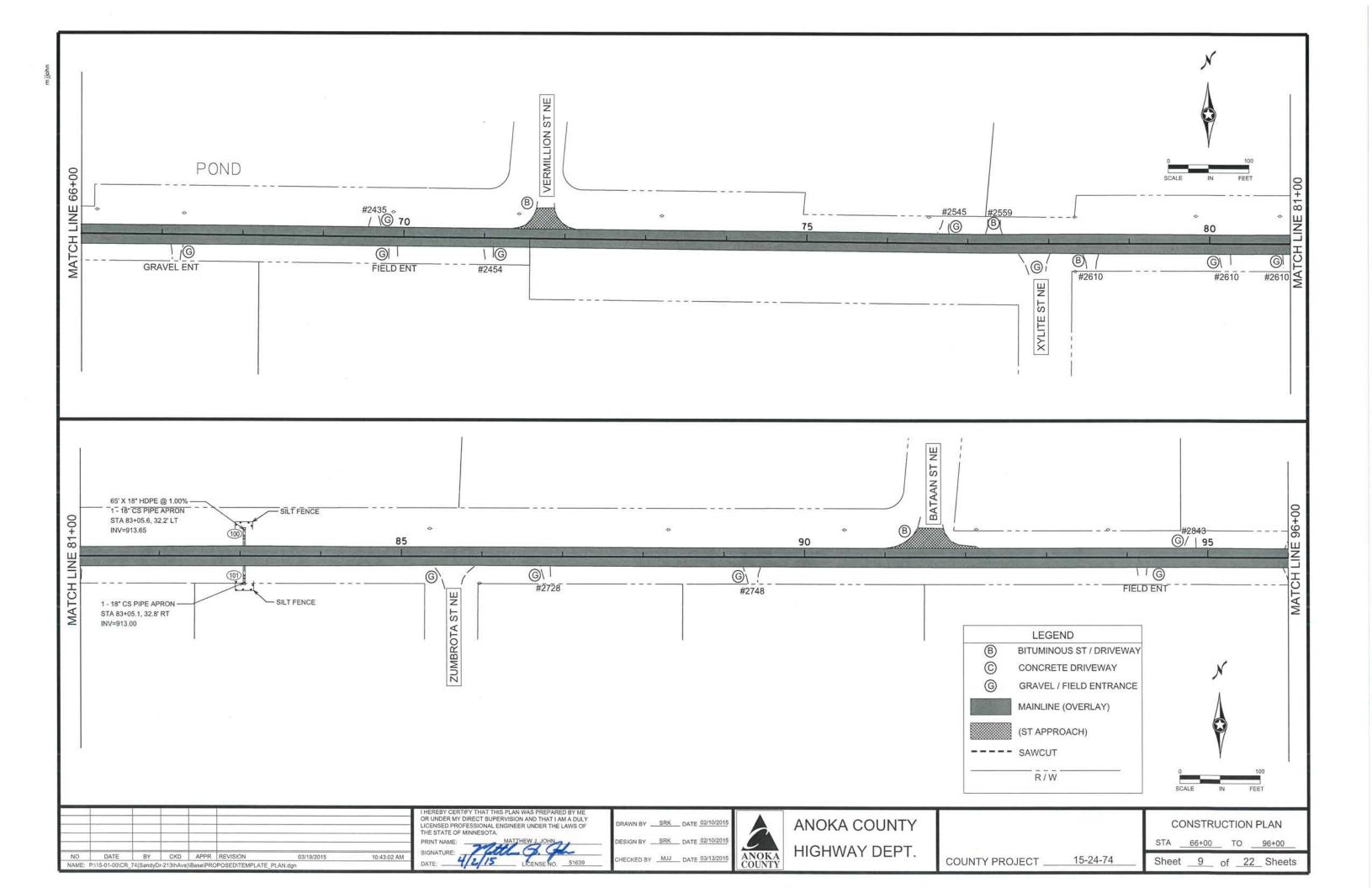
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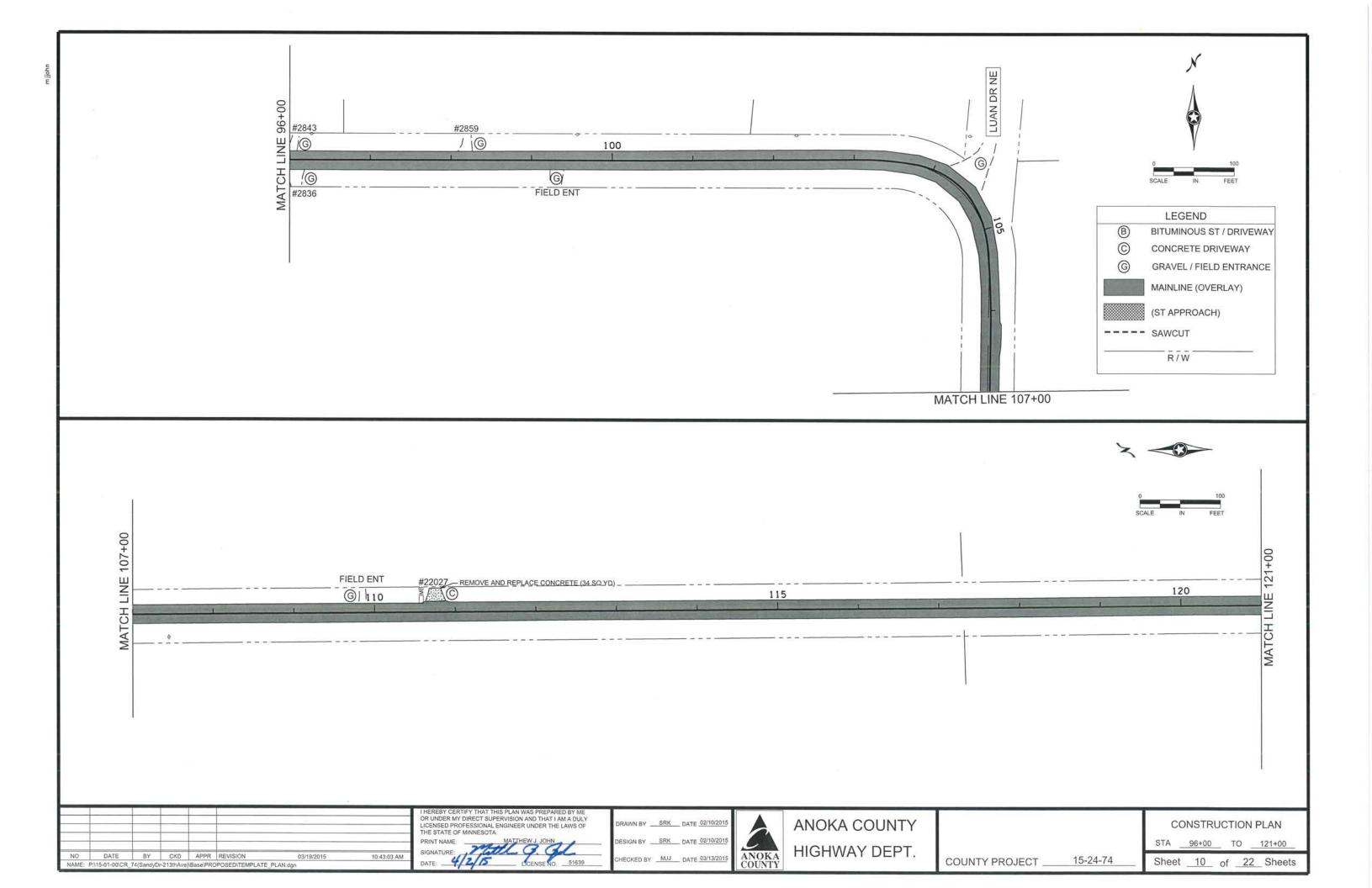
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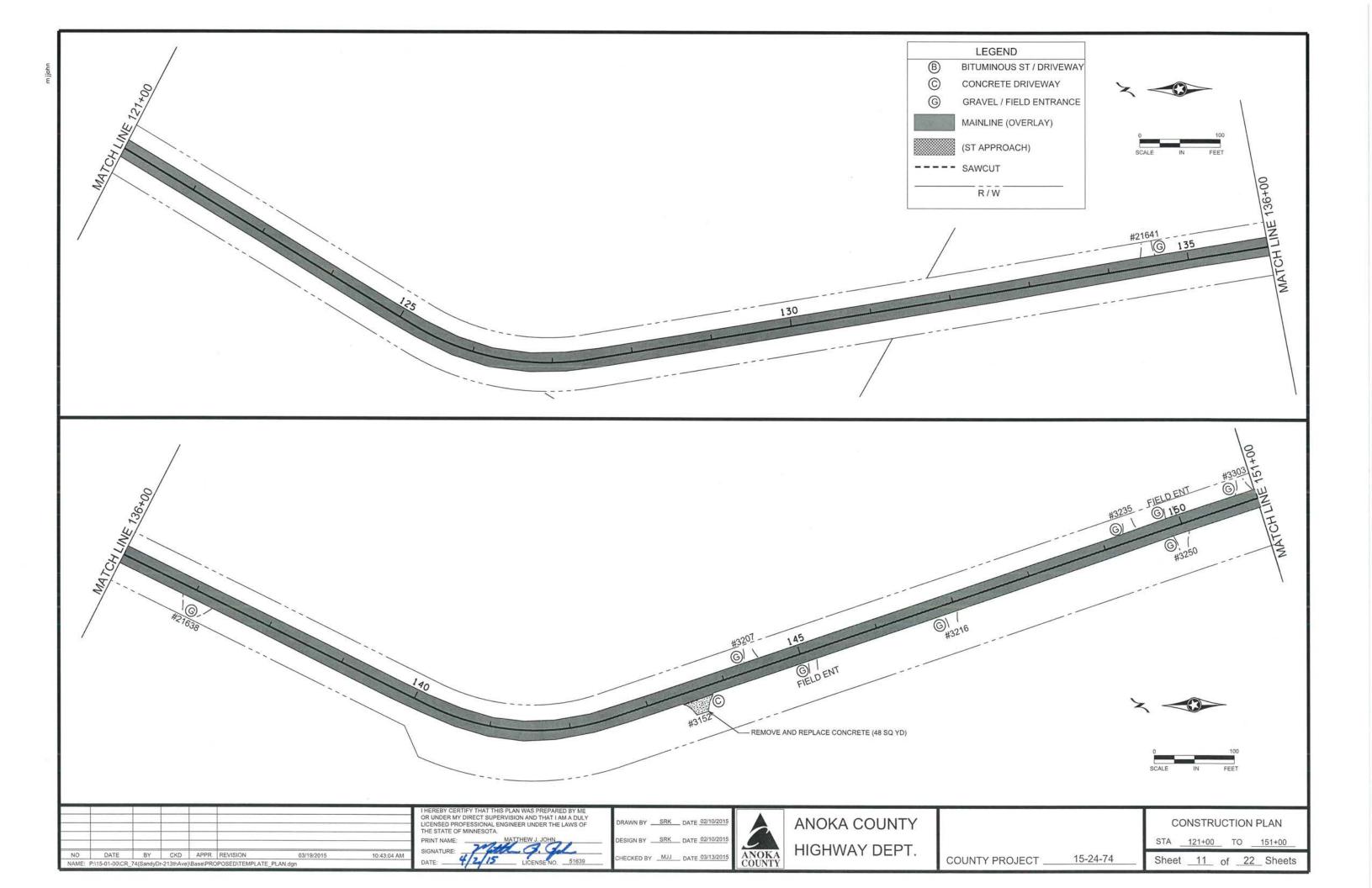
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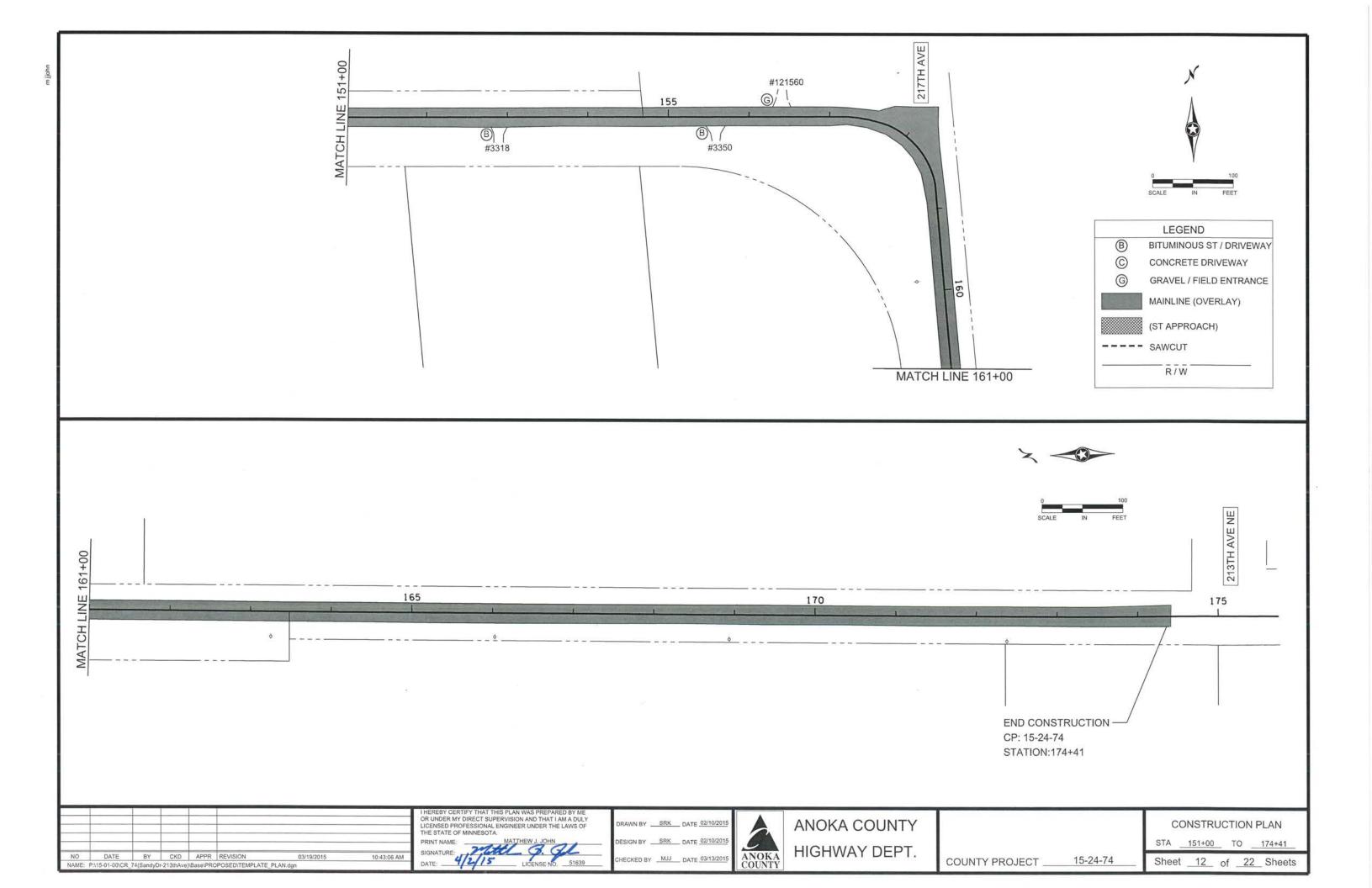


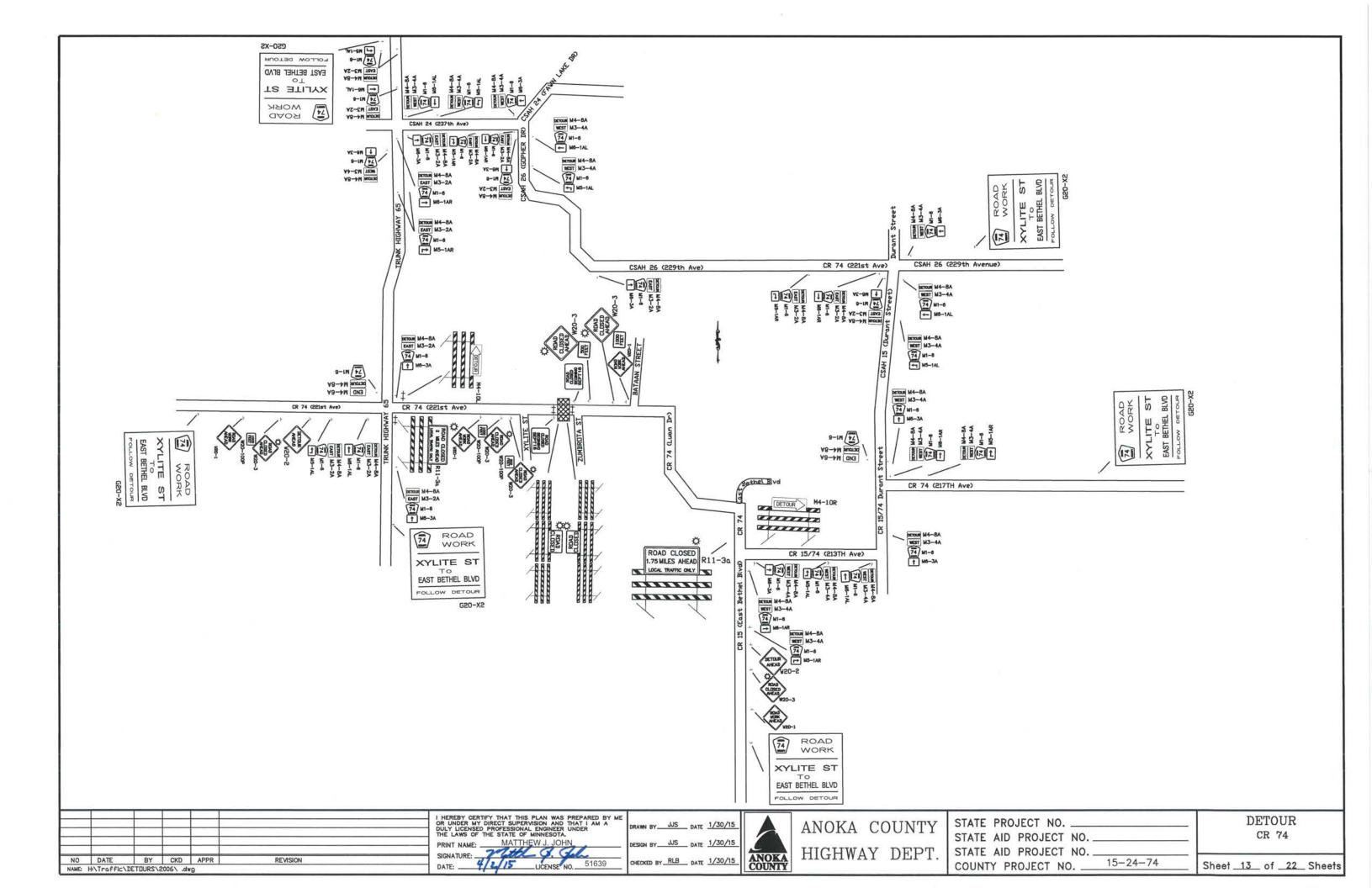


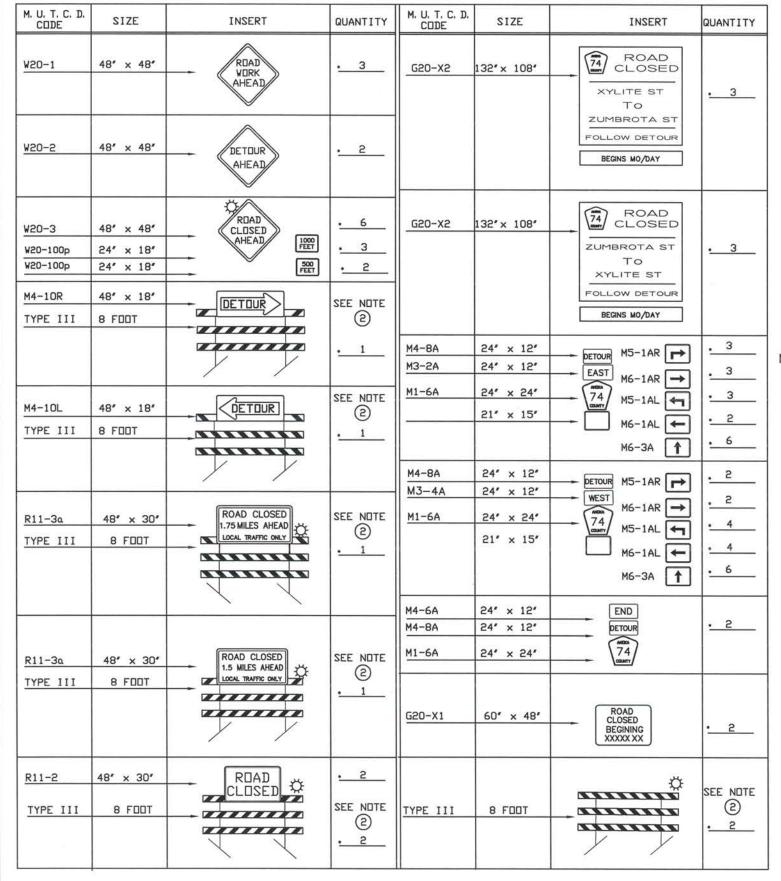








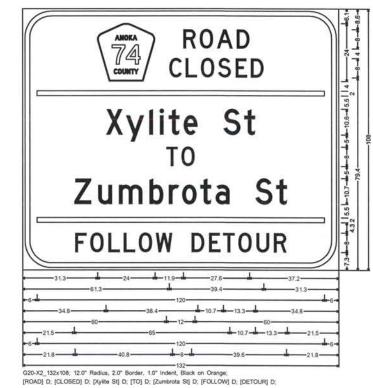


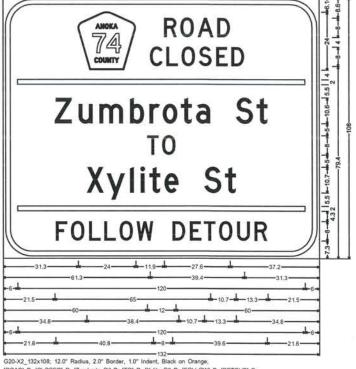


NOTES:

- 1) ALL BARRICADES SHALL BE PROPERLY WEIGHTED WITH SANDBAGS.
- 2) ALL BARRICADES SHALL HAVE REFLECTIVE MATERIAL ON BOTH SIDES.
- 3) ALL BARRICADE MARKINGS SHALL BE SLANTED IN ACCORDANCE WITH THE MINNESUTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE FIELD MANUAL DATED JANUARY, 2014
- ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MOST RECENT EDITION OF THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING THE FIELD MANUAL DATED JANUARY, 2014
- 5) ADDITIONS OR CHANGES TO THIS PLAN MAY BE MADE AS DETERMINED

G20-X1 SIGN TO BE INSTALLED A MINIMUM OF SEVEN DAYS PRIOR TO ACTUAL CLOSING DATE OF ROAD CLOSURE AND IMPLEMENTATION OF DETOUR SIGNING. SIGNS TO BE REMOVED AT TIME OF DETOUR INSTALLATION.





[ROAD] D; [CLOSED] D; [Zumbrota St] D; [TO] D; [Xylite St] D; [FOLLOW] D; [DETOUR] D;

OR UN	EBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME IDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER AWS OF THE STATE OF MINNESOTA.	DR
	20141 (4 () 1	DE
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AME: T: \Traffic\dwg\CSAH 21 (Centerville Rd)\Detour for culvert replacement.dwg	7/4/5 REG. NO	-

TAWN BY JJS DATE 1/30/15 SIGN BY JJS DATE 1/30/15 HECKED BY JR DATE 4/17/14



ANOKA COUNTY HIGHWAY DEPT STATE PROJECT NO. STATE AID PROJECT NO. _ STATE AID PROJECT NO. _ 15-24-74 COUNTY PROJECT NO. _

DETOUR QUANTITY

Sheet 14 of 22 Sheets

PERMANENT PAVEMENT MARKING PLAN

NOTES AND 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.

A TOLERANCE OF $\frac{1}{4}$ INCH UNDER OR $\frac{1}{4}$ 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.

EPOXY:

THE ROAD SURFACE SHALL BE CLEANED AT THE DIRECTION OF THE ENGINEER JUST PRIOR TO APPLICATION. PAVEMENT CLEANING SHALL CONSIST OF AT LEAST BRUSHING WITH A ROTARY BROOM (NON-METALLIC) OR AS RECOMMENDED BY THE MATERIAL MANUFACTURER AND ACCEPTABLE TO THE ENGINEER. NEW PORTLAND CEMENT CONCRETE SURFACES SHALL BE SANDBLAST CLEANED TO REMOVE ANY SURFACE TREATMENT AND/OR LAITANCE ON LOW SPEED (SPEED LIMIT 35 MPH OR LESS) URBAN PORTLAND CEMENT CONCRETE ROADWAYS. SANDBLAST CLEANING SHALL BE USED FOR ALL EPOXY PAVEMENT MARKINGS.

THE EPOXY MARKING APPLICATION SHALL IMMEDIATELY FOLLOW THE PAVEMENT CLEANING. GLASS BEANS SHALL BE APPLIED IMMEDIATELY AFTER APPLICATION OF THE EPOXY RESIN LINE TO PROVIDE AN IMMEDIATE NO-TRACK SYSTEM.

AN EPOLY RESIN LINE 4" WIDE AND 15 MILL THICKNESS (WET), REQUIRES AN APPLICATION RATE OF ONE (1) GALLON OF COMPONENTS FOR 320 FEET OF LINE. GLASS BEADS SHALL BE APPLIED AT A POUND PER GALLON RATE SUFFICIENT TO ACHIEVE AN ACCEPTABLE NO-TRACK SYSTEM.

OPERATIONS SHALL BE CONDUCTED ONLY WHEN THE ROAD PAVEMENT SURFACE TEMPERATURES ARE 50 DEGREES FAHRENHEIT OR GREATER.

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

PREFORMED THERMOPLASTIC:

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.

PAINT:

AT THE TIME OF APPLYING THE MARKING MATERIAL, THE APPLICATION AREA SHALL BE FREE OF CONTAMINATION. THE CONTRACTOR SHALL CLEAN THE ROADWAY SURFACE PRIOR TO THE LINE APPLICAITON IN A MANNER AND TO THE EXTENT REQUIRED BY THE ENGINEER.

GLASS BEADS SHALL BE APPLIED IMMEDIATELY AFTER APPLICATION OF THE PAINT LINE.

EXCEPT WHEN USED AS A TEMPORARY MARKING, PAVEMENT MARKINGS SHALL ONLY BE APPLIED IN SEASONABLE WEATHER WHEN AIR TEMPERATURE IS 50 DEGREES FARHENHEIT OR HIGHER AND SHALL NOT BE APPLIED WHEN THE WIND OR OTHER CONDITIONS CAUSE A FILM OR DUST TO BE DEPOSITED ON THE PAVEMENT SURFACE AFTER CLEANING AND BEFORE THE MARKING MATERIAL CAN BE APPLIED.

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.

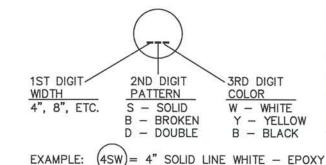
PERMANENT MARKING QUANTITIES ITEM UNIT TOTAL QUANTITY 4" SOLID LINE WHITE - EPOXY PAINT LIN FT 32310 4" SOLID LINE YELLOW - EPOXY PAINT LIN FT 3390 4" BROKEN LINE YELLOW - EPOXY PAINT LINFT 1948 4" DOUBLE SOLID LINE YELLOW - EPOXY PAINT LIN FT 6820

SYMBOLS & MATERIALS LEGEND

- CROSSWALK BLOCK WHITE PREFORMED THERMOPLASTIC
- PAVEMENT MESSAGE (LEFT ARROW)
 PREFORMED THERMOPLASTIC

STRIPING KEY

- CIRCLE EPOXY ____ SQUARE PREFORMED THERMOPLASTIC
- TRIANGLE PAINT
- PENTAGON REMOVABLE PREFORMED
 PLASTIC MARKING



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME
OR UNDER MY DIRECT SUPERVISION AND THAT I AM A
DULY LICENSED PROFESSIONAL ENGINEER UNDER
THE LAWS OF THE STATE OF MINNESOTA.
PRINT NAME: MATTHEW J. JOHN
SIGNATURE:

NO DATE BY CKD APPR REVISION

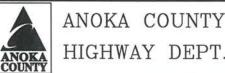
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DATE: JS_UCENSE NO. 51639

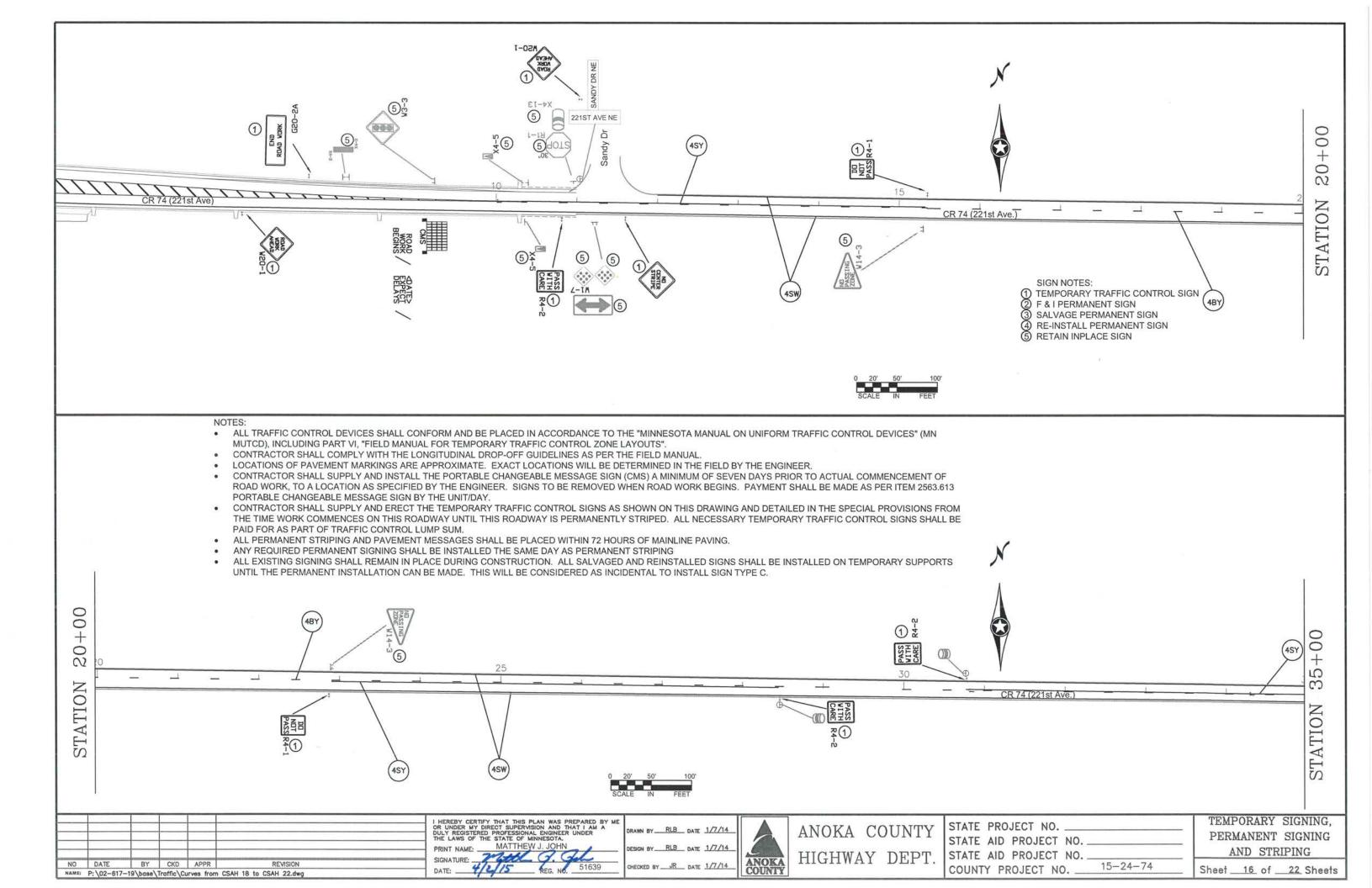
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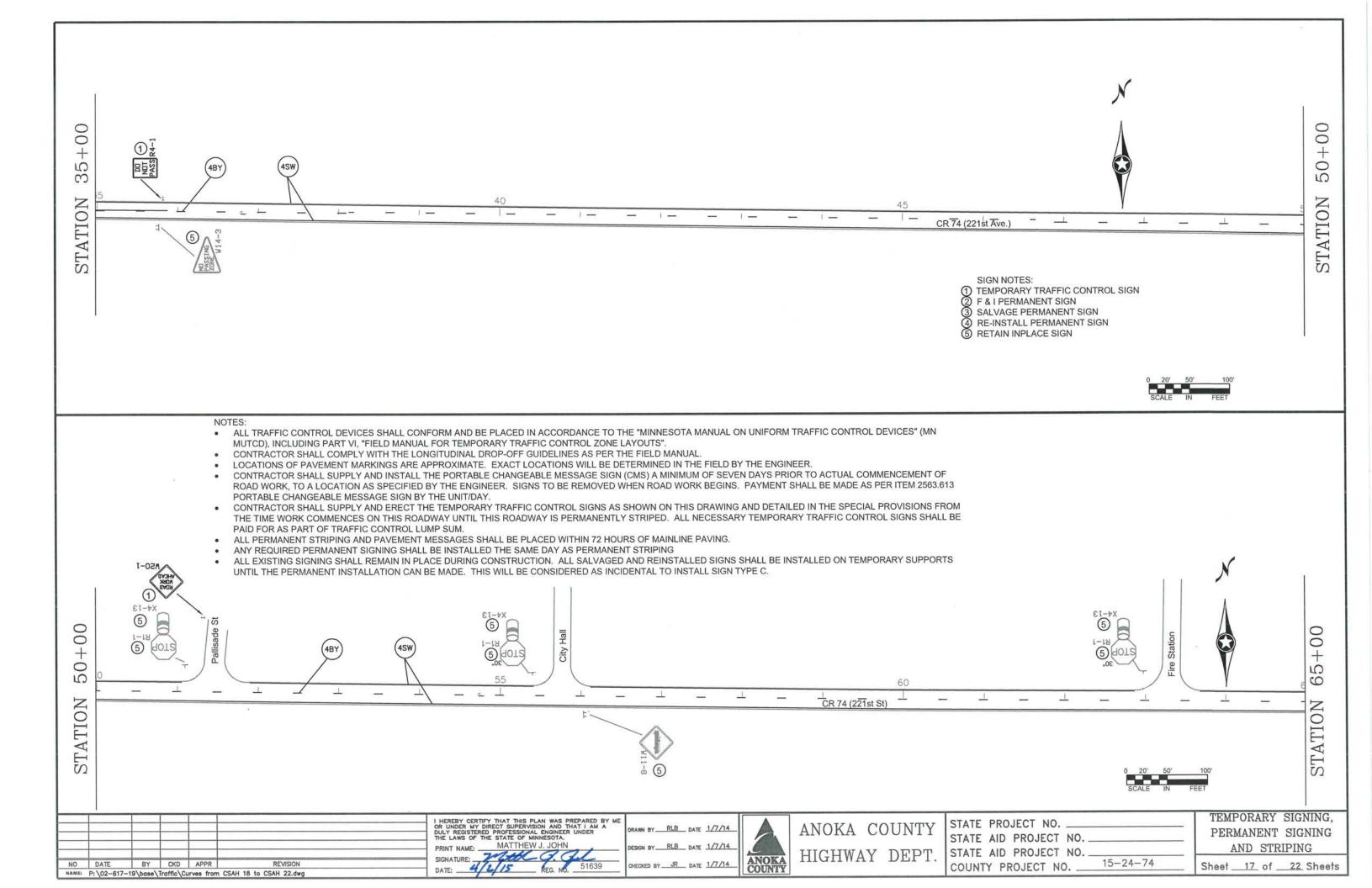
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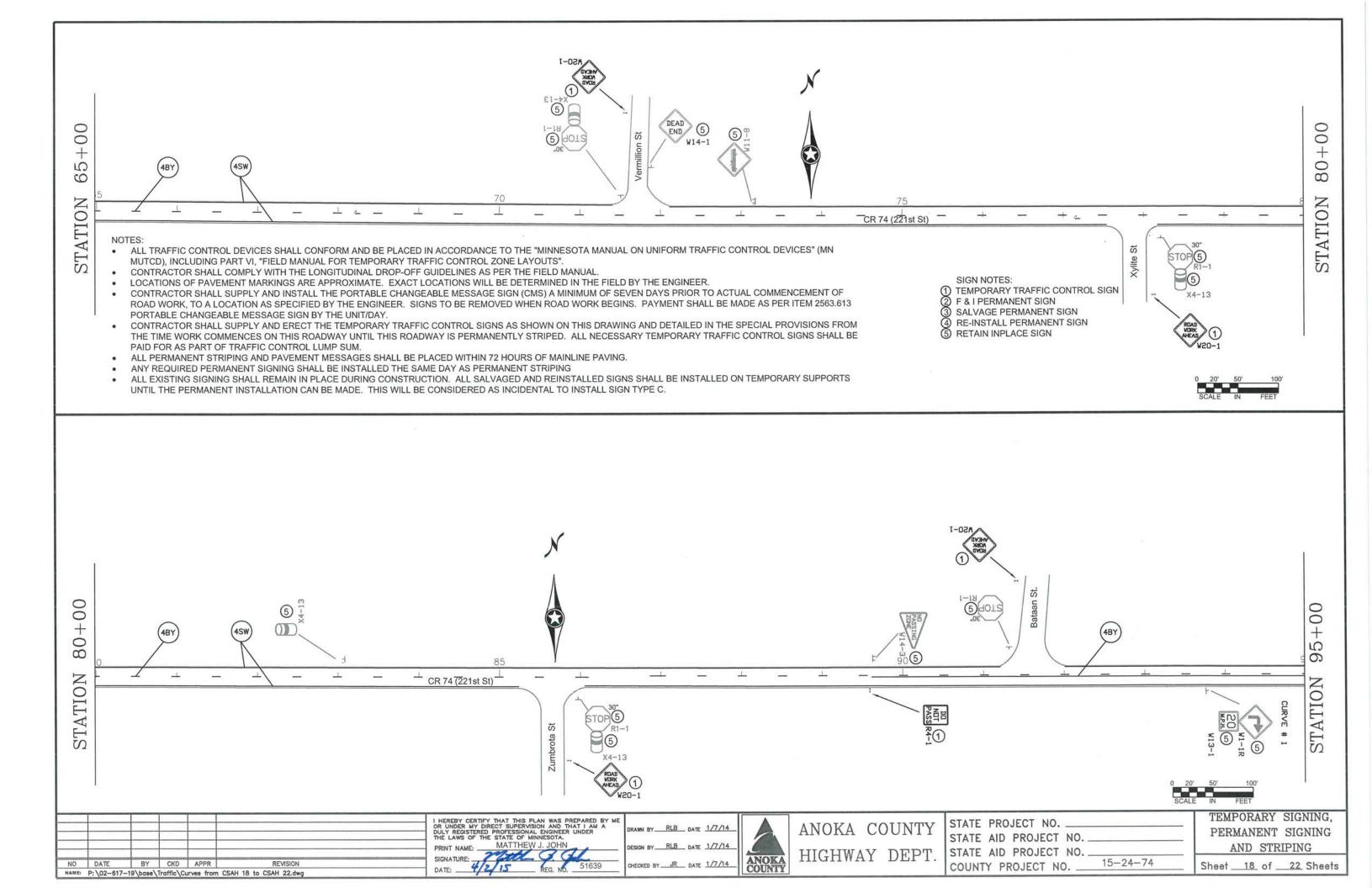
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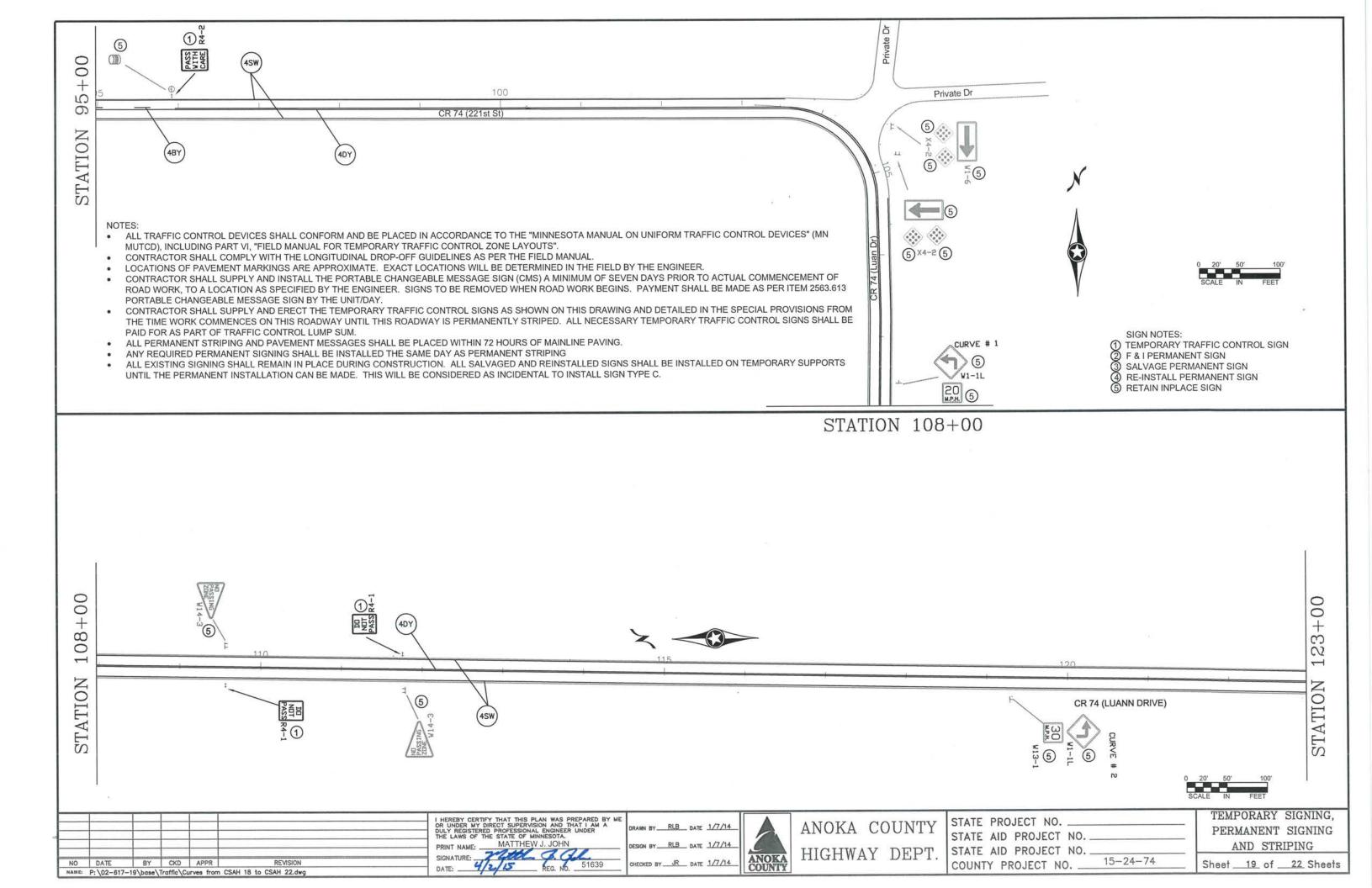


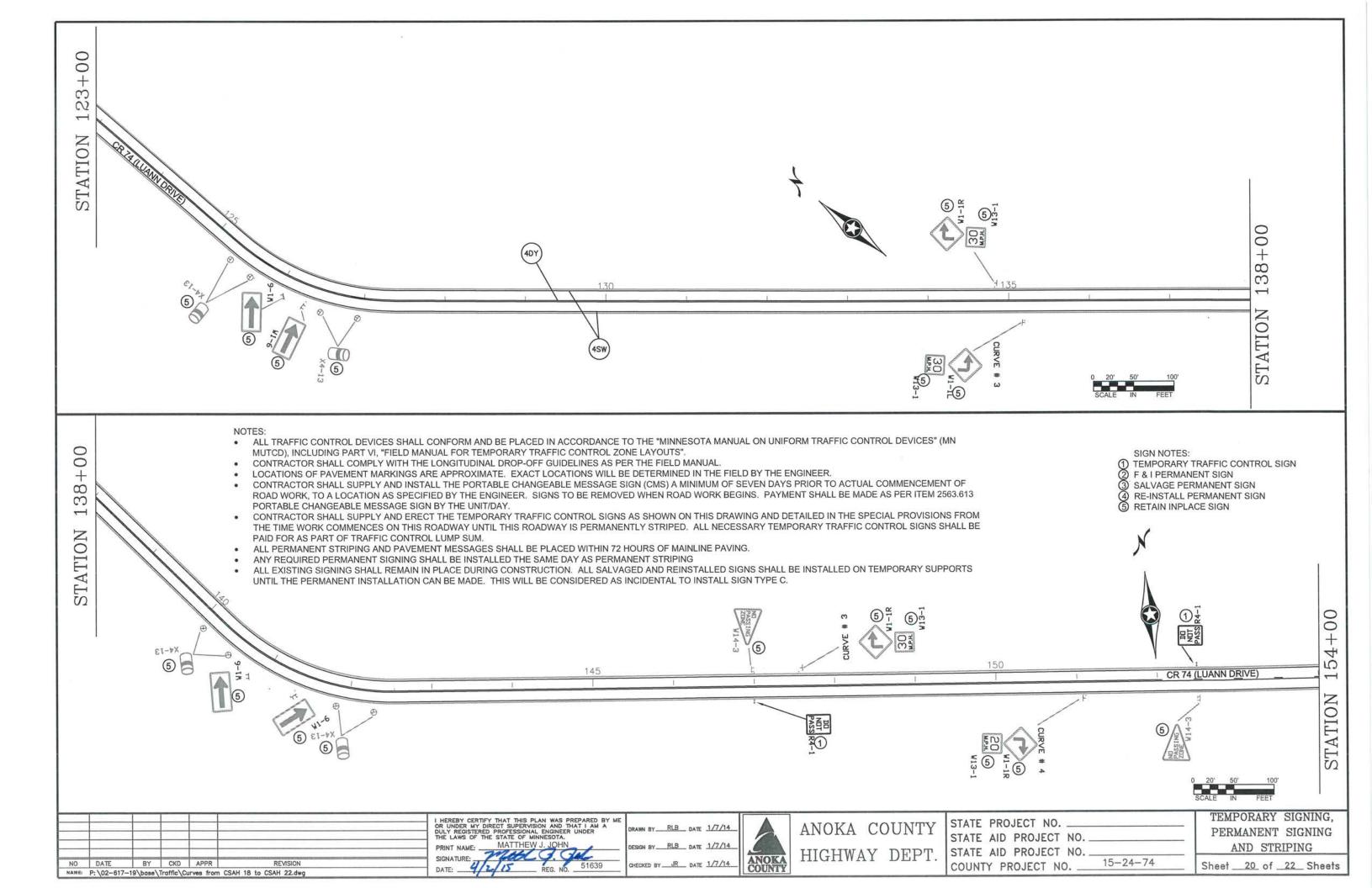
STATE PROJECT NO. ______ PERMANENT MARKING TABULATION STATE AID PROJECT NO. _____ STATE AID PROJECT NO. _____ Sheet _____ Sheets

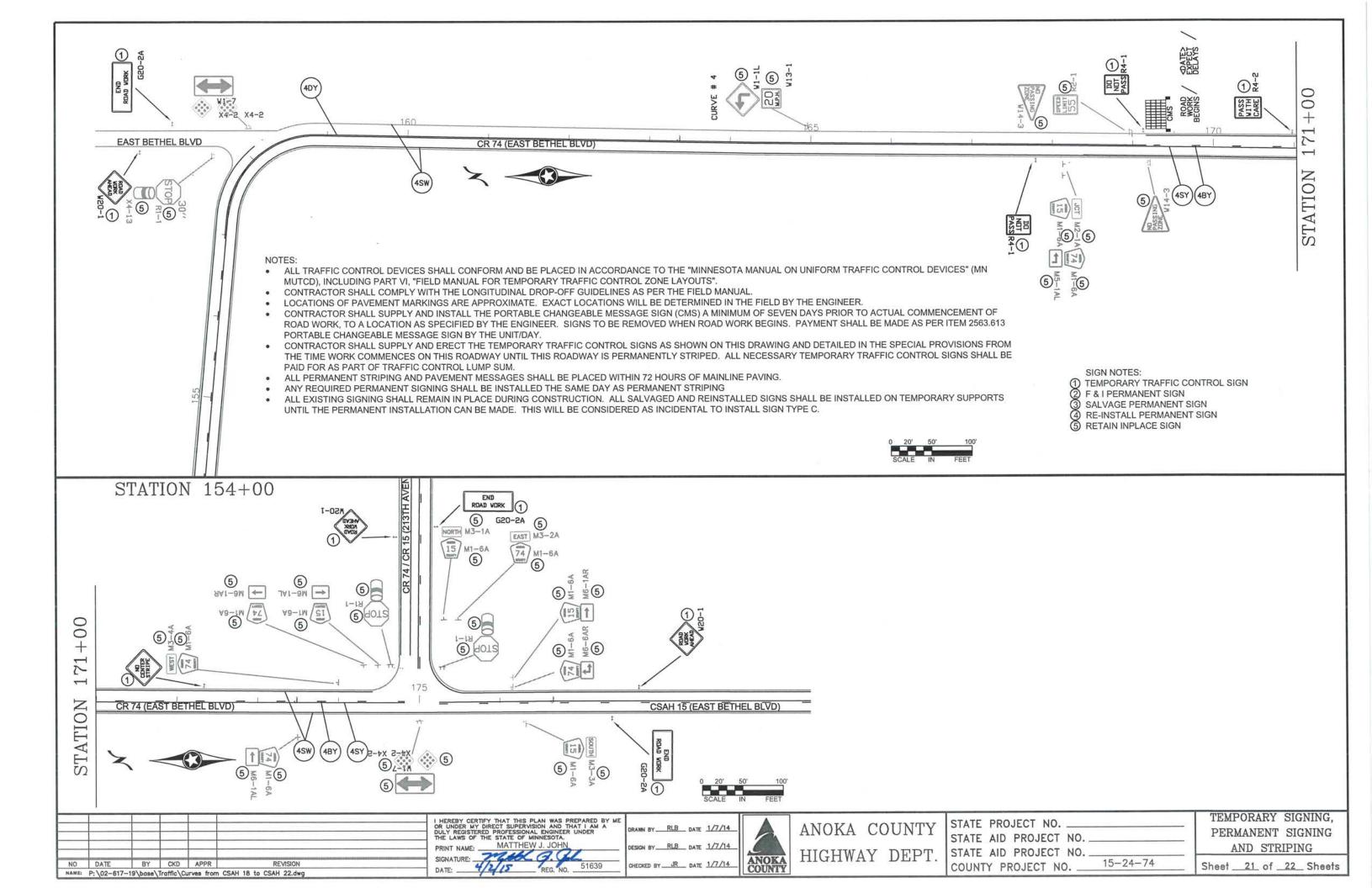


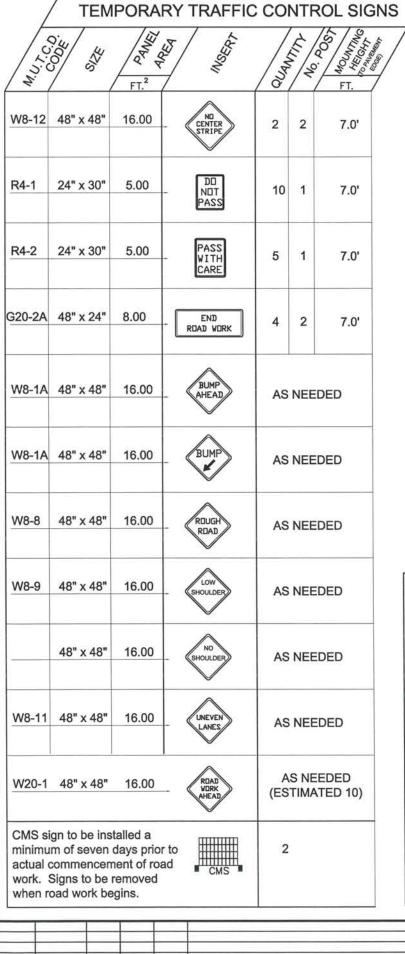












NOTES

- ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE PLACED IN ACCORDANCE TO THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MN MUTCD), INCLUDING PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS".
- CONTRACTOR SHALL COMPLY WITH THE LONGITUDINAL DROP-OFF GUIDELINES AS PER THE FIELD MANUAL.
- LOCATIONS OF PAVEMENT MARKINGS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- CONTRACTOR SHALL SUPPLY AND INSTALL THE PORTABLE CHANGEABLE MESSAGE SIGN (CMS) A MINIMUM OF SEVEN DAYS PRIOR TO ACTUAL COMMENCEMENT OF ROAD WORK, TO A LOCATION AS SPECIFIED BY THE ENGINEER. SIGNS TO BE REMOVED WHEN ROAD WORK BEGINS. PAYMENT SHALL BE MADE AS PER ITEM 2563.613 PORTABLE CHANGEABLE MESSAGE SIGN BY THE UNIT/DAY.
- CONTRACTOR SHALL SUPPLY AND ERECT THE TEMPORARY TRAFFIC CONTROL SIGNS AS SHOWN ON THIS DRAWING AND DETAILED IN THE SPECIAL PROVISIONS FROM
 THE TIME WORK COMMENCES ON THIS ROADWAY UNTIL THIS ROADWAY IS PERMANENTLY STRIPED. ALL NECESSARY TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE
 PAID FOR AS PART OF TRAFFIC CONTROL LUMP SUM.
- ALL PERMANENT STRIPING AND PAVEMENT MESSAGES SHALL BE PLACED WITHIN 72 HOURS OF MAINLINE PAVING.
- ANY REQUIRED PERMANENT SIGNING SHALL BE INSTALLED THE SAME DAY AS PERMANENT STRIPING
- ALL EXISTING SIGNING SHALL REMAIN IN PLACE DURING CONSTRUCTION. ALL SALVAGED AND REINSTALLED SIGNS SHALL BE INSTALLED ON TEMPORARY SUPPORTS
 UNTIL THE PERMANENT INSTALLATION CAN BE MADE. THIS WILL BE CONSIDERED AS INCIDENTAL TO INSTALL SIGN TYPE C.

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	W	0	R	K	
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E		Р	-	С	Т
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CMS sign to be installed a minimum of seven days prior to actual commencement of road work. Signs to be removed when road work begins.

						I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED, PROFESSIONAL ENGINEER UNDER
						PRINT NAME: MATTHEW J. JOHN
NO	DATE	BY	CKD	APPR	REVISION	SIGNATURE: 51639
NAME:	P: \02-617-1	9\base\	Traffic\Cu	rves from	CSAH 18 to CSAH 22.dwg	DATE: 4/4/3 REG. NO. 51039

DRAWN BY RLB DATE 1/7/14

DESIGN BY RLB DATE 1/7/14

CHECKED BY JR DATE 1/7/14



ANOKA COUNTY HIGHWAY DEPT.

STATE PROJECT NO. ______

STATE AID PROJECT NO. _____

STATE AID PROJECT NO. _____

COUNTY PROJECT NO. ______

15-24-74

TRAFFIC CONTROL QUANTITY

Sheet 22 of 22 Sheets