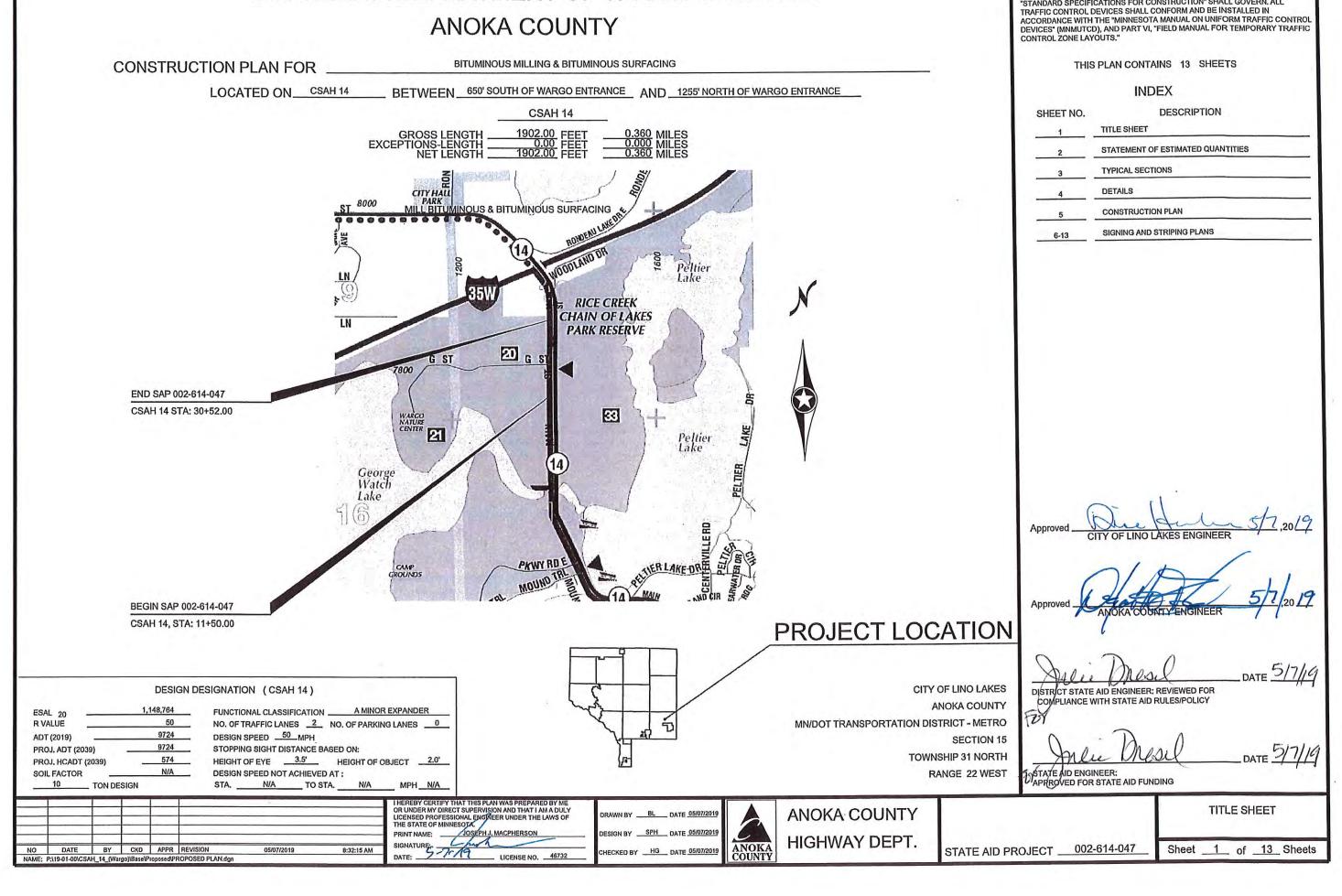
## MINNESOTA DEPARTMENT OF TRANSPORTATION ANOKA COUNTY



GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN. ALL

STATEMENT OF ESTIMATED QUANTITIES								
NOTES	ITEMANÍ IMPER			TOTAL PROJECT				
NOTES		ITEM DESCRIPTION	UNIT	QUANTITIES ESTIMATED				
		MOBILIZATION	LUMP SUM	1				
	2104.503	SAWING BIT PAVEMENT (FULL DEPTH)	LIN FT	40				
8	2221.509	SHOULDER BASE AGGREGATE CLASS 5	TON	127				
5	2231.509	BITUMINOUS PATCHING MIXTURE	TON	50				
	2232.504	MILL BITUMINOUS SURFACE (2.0")	SQ YD	10590				
7	2232.604	MILL BITUMINOUS PAVEMENT (SPECIAL)	SQ YD	344				
	2357.506	BITUMINOUS MATERIAL FOR TACK COAT	GAL	529				
9	2360.509	TYPE SP 12.5 WEARING COURSE MIX (4;C)	TON	40				
	2360.509	TYPE SP 12.5 WEARING COURSE MIXTURE (4,E)	TON	1218				
1	2563.601	TRAFFIC CONTROL	LUMP SUM	1				
2	2563.613	PORTABLE CHANGEABLE MESSAGE SIGN	UNIT DAY	20				
3		REMOVABLE PREFORMED PAVEMENT MARKING TAPE	LIN FT	152				
6		4" BROKEN LINE PAINT	LIN FT	350				
4	2582.503	4" SOLID LINE MULTI COMP	LINFT	5740				
4	2582.503	4" BROKEN LINE MULTI COMP	LIN FT	40				
4	2582,503	4" DBLE SOLID LINE MULTI COMP	LIN FT	2480				
4	2582.603	PAVEMENT MARKING SPECIAL	LIN FT	102				

	CONSTRUCTION NOTES					
1	ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO, AND BE INSTALLED IN ACCORDANCE WITH, THE MOST CURRENT REVISION OF THE "MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". DO NOT PASS, PASS WITH CARE, NO CENTER STRIPE, AND STOP HERE ON RED SIGNS SHALL BE INPLACE WHENEVER PAVEMENT MARKINGS ARE NOT PRESENT.					
2	2 MESSAGE BOARDS, ONE ON EACH END OF PROJECT, WILL BE INSTALLED 10 DAYS PRIOR TO ANY CONSTRUCTION; REFERENCE STRIPING PLAN FOR DETAILS.					
3	CENTERLINE AND LANE DESIGNATION SKIPS TO BE APPLIED AS SOON AS POSSIBLE ON EACH NEW LIFT OF PAVEMENT; SKIPS MUST BE INPLACE BEFORE THE CONTRACTOR LEAVES FOR THE DAY. CONTRACTOR IS TO REMOVE PRIOR TO FINAL STRIPING.					
4	FINAL STRIPING SHALL BE INSTALLED WITHIN 72 HOURS OF COMPLETION OF MAINLINE WEAR COURSE PAVING.					
5	ITEM USED AT ENGINEER'S DISCRETION FOR PATCHING AFTER MILLING AND BEFORE FINAL PAYING.					
6	ITEM TO BE USED AS TEMPORARY CENTERLINE STRIPING ON MILLED SURFACE AS DETERMINED BY ENGINEER.					
7	TO BE USED FOR MILLING STREET APPROACHES AND/OR DETAIL MILLING AREAS AS IDENTIFIED IN THE PLAN. DETAIL MILLING AROUND MANHOLES, CATCH BASINS, GATE VALVES, AND ALONG CURB LINE IS INCIDENTAL TO THIS ITEM.					
8	ITEM INCLUDES 20 TON FOR EACH GRAVEL ENTRANCE AND GRAVEL STREET APPROACH					
9	ITEM FOR STREET APPROACHES. STREET APPRACHES SHALL BE PAVED AFTER MAINLINE, AND BEFORE FINAL STRIPING					

THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.					
MNDOT STANDARD PLATES					
PLATE NUMBER	DESCRIPTION				
8000J	CHANNELIZERS (3 SHEETS)				

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						7.11.7.200-01	
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						- 1007-1	
NO	DATE	BY	CKD	APPR	REVISION	04/17/2019	10:07:17 AM
NAME:	P:\19-01-00\CSA	H_14_(War	go)\Base\P	roposed\PI	ROPOSED PLAN.dgn		

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

PRINT NAME:

JOSEPH J. MACPHERSON LICENSE NO. \_\_46732

DESIGN BY \_\_\_\_SPH \_\_\_DATE\_04/17/2019



ANOKA COUNTY HIGHWAY DEPT.

STATEMENT OF ESTIMATED QUANTITIES

STATE AID PROJECT \_\_\_\_002-614-047

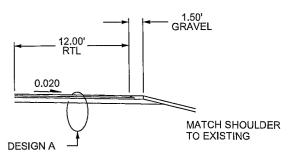
Sheet 2 of 13 Sheets

### CSAH 14 - MAIN ST.

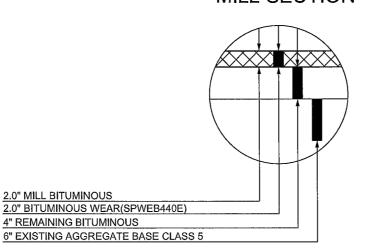
#### PROPOSED SECTION

17+44.00 - 24+60.00 11+50.00 - 30+52.60 1.50' GRAVEL -- 20,00' ---- 20.00' -0'-12' LTL STRIPED MEDIAN (VARIES) 8.00' SHOULDER 12.00' THRU 8.00' SHOULDER 1.50' GRAVEL 1.50' GRAVEL 0.020 0.020 0.020 0.020 0.020 MATCH SHOULDER TO EXISTING MATCH SHOULDER TO EXISTING MATCH SHOULDER TO EXISTING DESIGN A DESIGN A

13+46.50 - 18+37.00



# DESIGN A MILL SECTION



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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: JOSEPH J. MACPHERSON

SIGNATURE: LICENSE NO. 46732

DRAWN BY \_\_\_\_BL \_\_\_ DATE \_04/17/2019
DESIGN BY \_\_\_\_ PH \_\_\_ DATE \_04/17/2019
CHECKED BY \_\_\_\_ HG \_\_\_ DATE \_04/17/2019



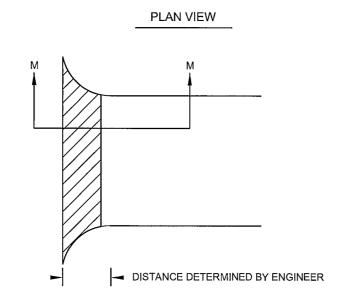
ANOKA COUNTY HIGHWAY DEPT. TYPICAL SECTIONS

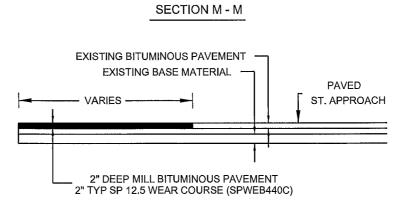
STATE AID PROJECT \_\_\_\_002-614-047

Sheet 3 of 13 Sheets

### STREET APPROACH DETAIL (MILL & OVERLAY)

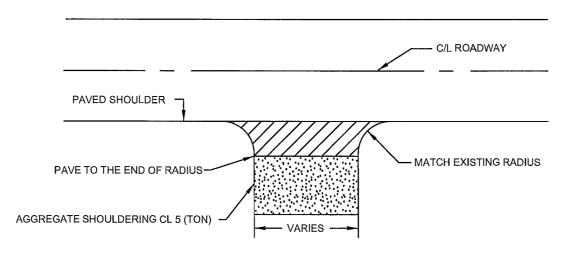
#### **BITUMINOUS STREET**





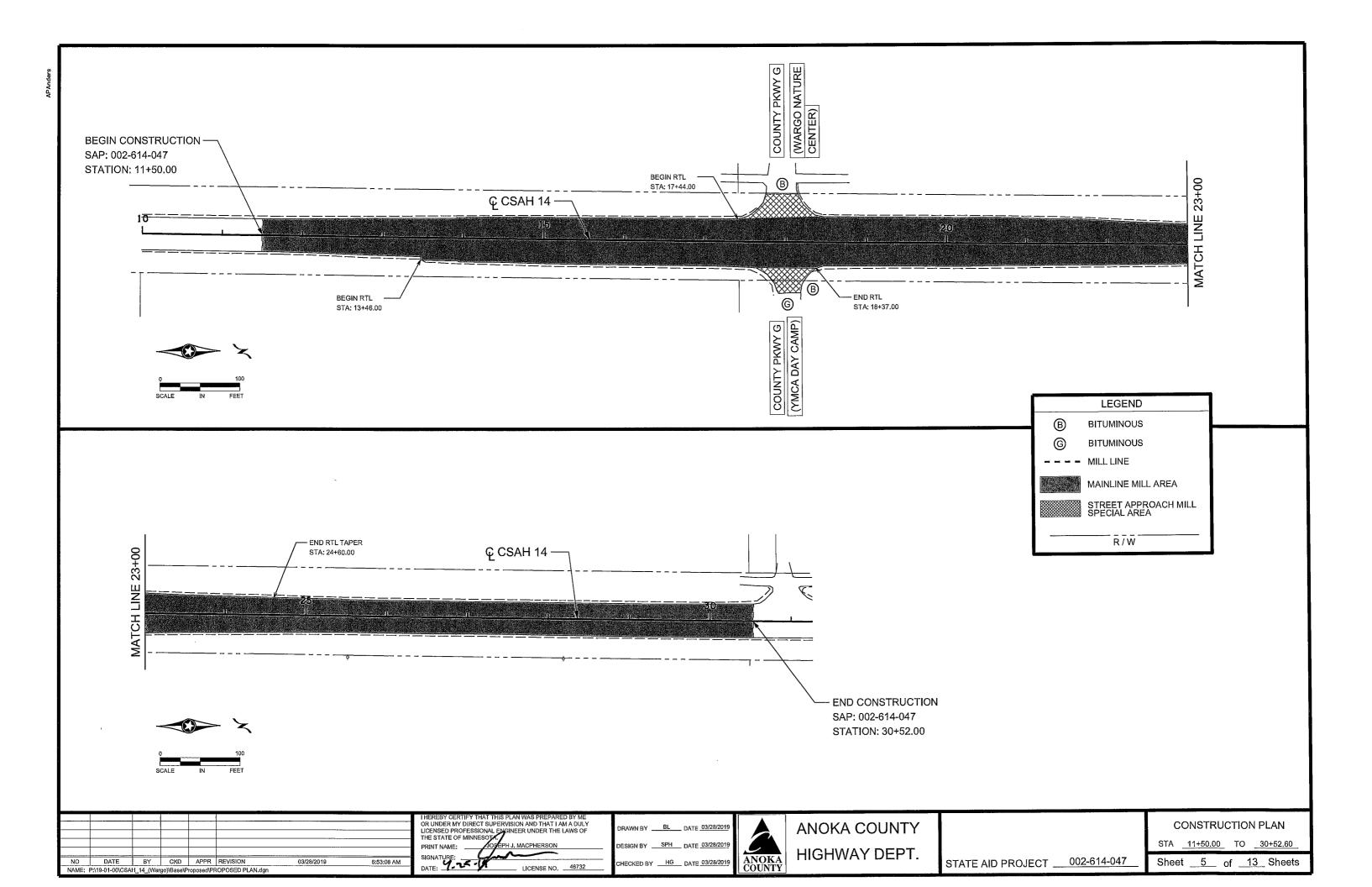
### STREET APPROACH DETAIL

#### **UNPAVED STREET**



UNPAVED STREET APPROCHES, PAVED SEPRATE FROM MAINLINE

	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  DATE 03/2	2019	ANOKA COUNTY		DETAILS
	PRINT NAME: OS/PH J. MACPHERSON DESIGN BY SPH DATE 03/2	2019	HIGHWAY DEPT.		
NO         DATE         BY         CKD         APPR         REVISION         03/28/2019         6:53:08 AM           NAME:         P:\19-01-00\CSAH_14_(Wargo)\Base\Proposed\PROPOSED PLAN.dgn	DATE: LICENSE NO. 46732 CHECKED BY HG DATE 03/	ANOKA COUNTY	1	STATE AID PROJECT 002-614-047	Sheet 4 of 13 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 1 INCH UNDER OR 1 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.

#### MULTI COMPONENT (MULTI COMP):

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

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

A MULTI COMP RESIN LINE SHALL BE APPLIED WITH A MINIMUM THICKNESS OF 20 MILS (WET). AND 4" WIDE. GLASS BEADS SHALL BE APPLIED AT A MINIMUM RATE OF 25LBS POUNDS 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 APPLICATION 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 FILD 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.

ITEM	UNIT	TOTAL QUANTITY
4" SOLID LINE WHITE - MULTI COMP	LINFT	5530
4" BROKEN LINE YELLOW - MULTI COMP	LINFT	40
4" SOLID LINE YELLOW - MULTI COMP	LINFT	210
4" SOLID DOUBLE LINE YELLOW - MULTI COMP	LINET	2480
24" SOLID LINE YELLOW - PREFORMED THERMOPLASTIC (PMS*)	LINFT	102

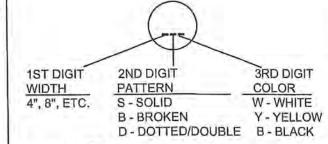
- 1 10' STRIPE, 40' GAP
- \* PAVEMENT MARKING SPECIAL

#### SYMBOLS & MATERIALS LEGEND

- CROSSWALK BLOCK WHITE-POLY PREFORM
- PAVEMENT MESSAGE (LEFT ARROW) **POLY PREFORM**

#### STRIPING KEY

- CIRCLE MULTI SQUARE - POLY PREFORM COMP THERMOPLASTIC
- --- TRIANGLE PAINT
- --- PENTAGON REMOVABLE PREFORMED PLASTIC MARKING



(4SW) = 4" SOLID LINE WHITE - MULTI COMP EXAMPLE:

DATE BY CKD APPR REVISION
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HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENDINEER UNDER THE LAWS OF THE STATE OF MINNESOYA.

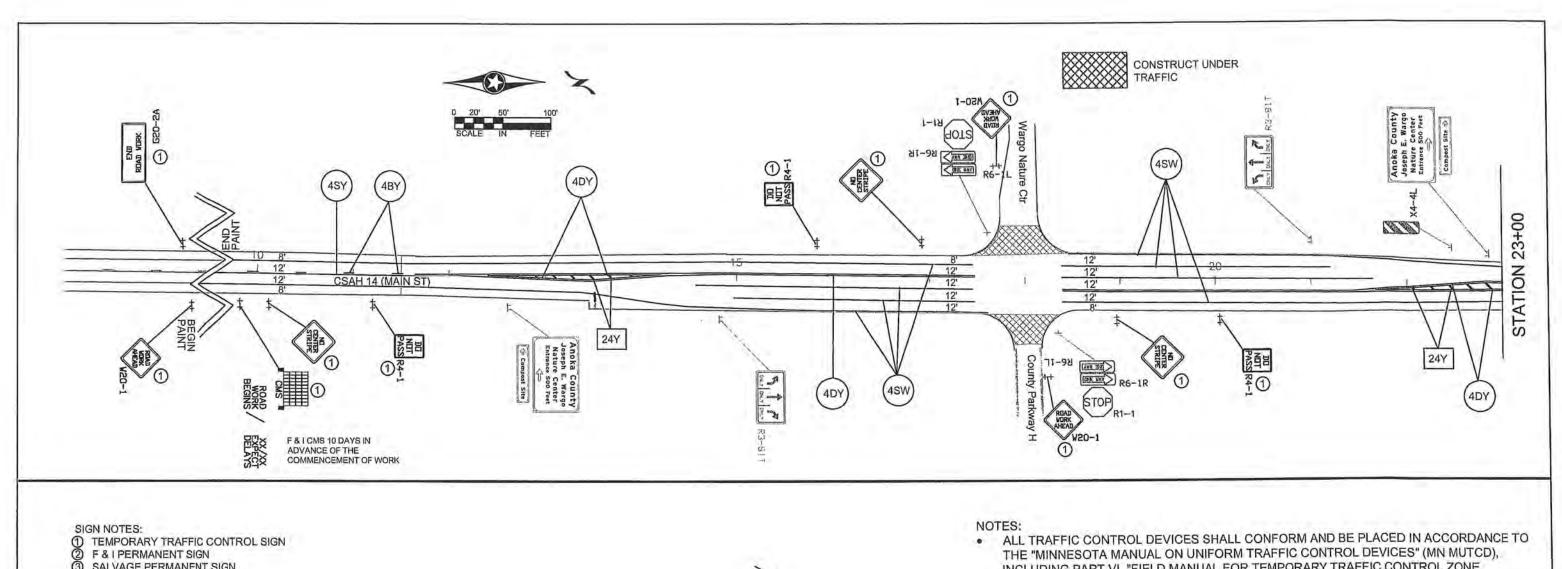
DOUGLAS W. FISCHER, P.E. REG. NO. 20235 ATE 03/06/19

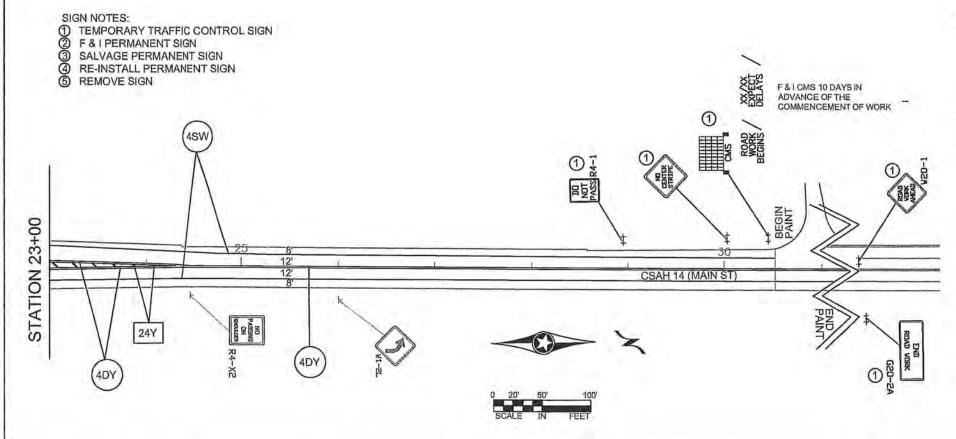


ANOKA COUNTY HIGHWAY DEPT. STATE PROJECT NO. 002-614-047 STATE AID PROJECT NO. CITY PROJECT NO. COUNTY PROJECT NO.

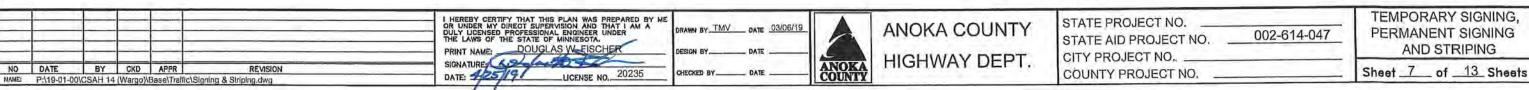
PERMANENT MARKING TABULATION

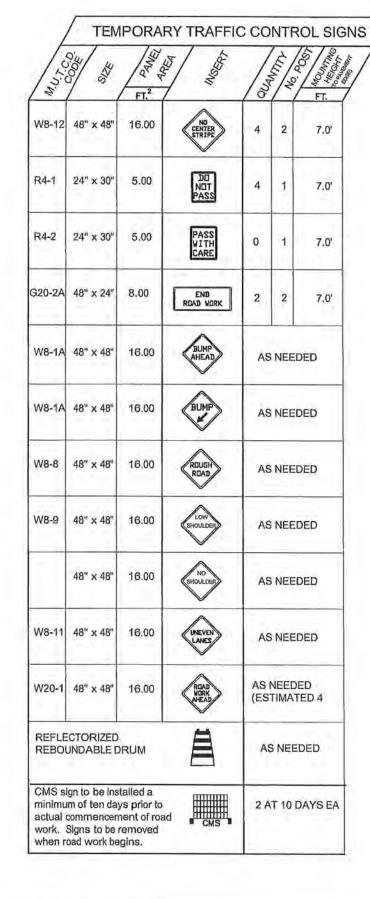
Sheet 6 of 13 Sheets





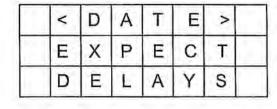
- INCLUDING PART VI, "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS".
- CONTRACTOR SHALL COMPLY WITH THE LONGITUDINAL DROP-OFF GUIDELINES AS PER THE FIELD MANUAL.
- LOCATIONS OF PAVEMENT MARKINGS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- CONTRACTOR SHALL SUPPLY AND INSTALL THE PORTABLE CHANGEABLE MESSAGE SIGN (CMS) A MINIMUM TEN DAYS PRIOR TO ACTUAL COMMENCEMENT OF ROAD WORK, TO A LOCATION AS SPECIFIED BY THE ENGINEER. SIGNS TO BE REMOVED WHEN ROAD WORK BEGINS. PAYMENT SHALL BE MADE AS PER ITEM 2563.613 PORTABLE 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.
- ACCESS SHALL BE MAINTAINED TO ALL STREETS AND DRIVEWAYS IN CONSTRUCTION AREA.
- ALL PERMANENT STRIPING AND PAVEMENT MESSAGES SHALL BE PLACED WITHIN 72 HOURS OF MAINLINE PAVING.
- ANY REQUIRED PERMANENT SIGNING SHALL BE INSTALLED THE SAME DAY AS PERMANENT STRIPING.
- ALL EXISTING SIGNING SHALL REMAIN IN PLACE DURING CONSTRUCTION. 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.





CHANGEABLE MESSAGE BOARD - MESSAGE SEQUENCE LAYOUT



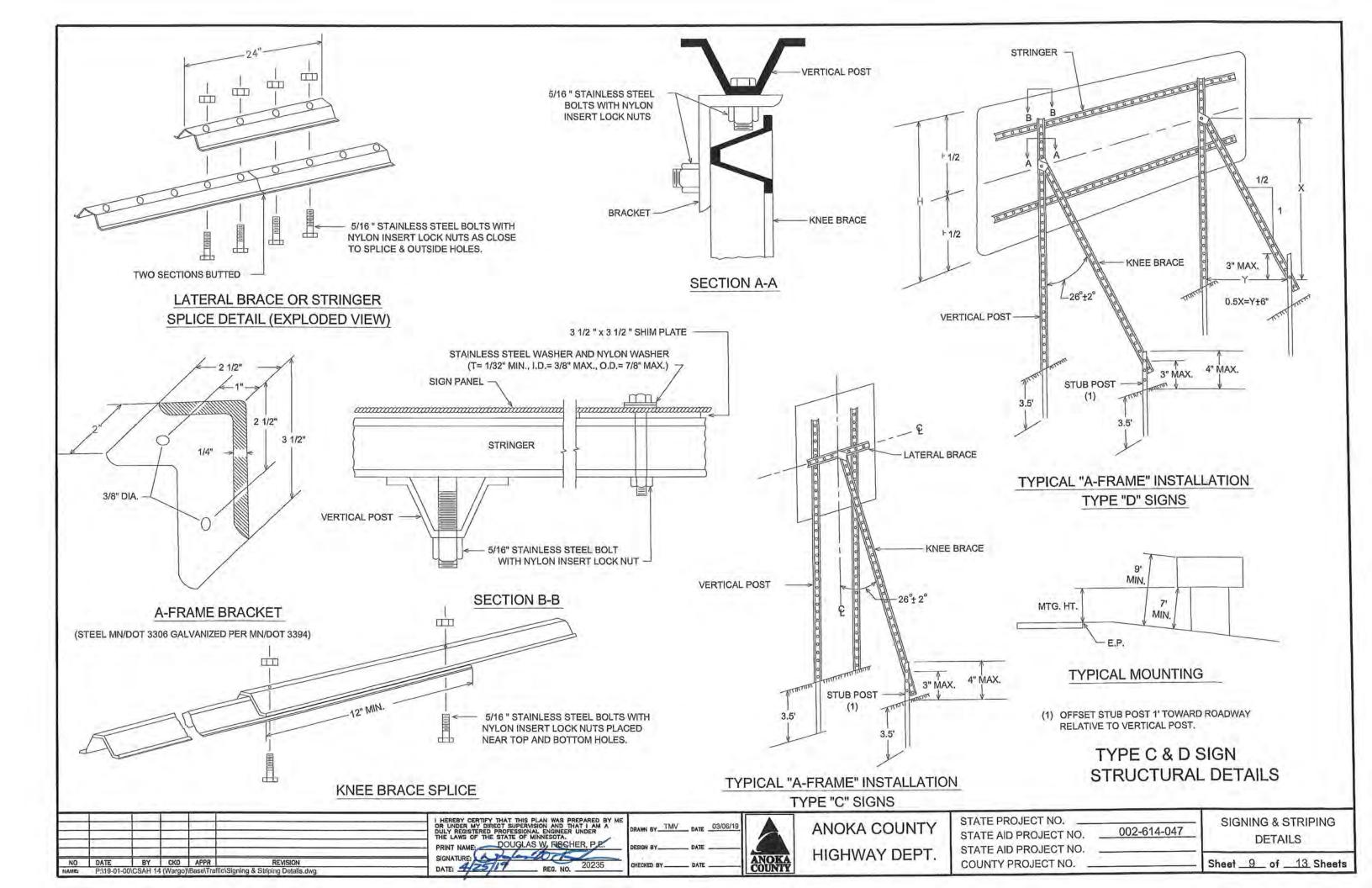


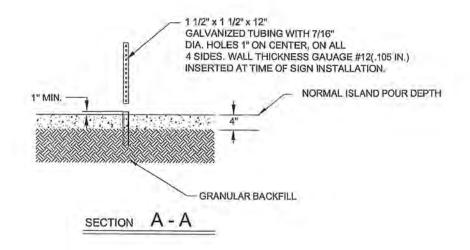
CMS sign to be installed a minimum of ten days prior to actual commencement of road work. Signs to be removed when road work begins.

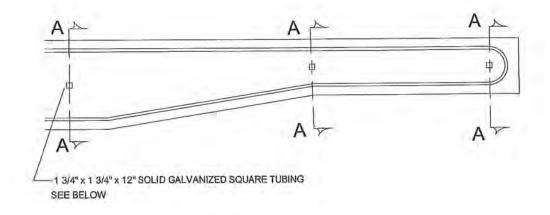
#### NOTES:

- 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".
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  THE SPECIAL PROVISIONS FROM THE TIME WORK COMMENCES ON THIS ROADWAY UNTIL THIS ROADWAY IS PERMANENTLY STRIPED. ALL
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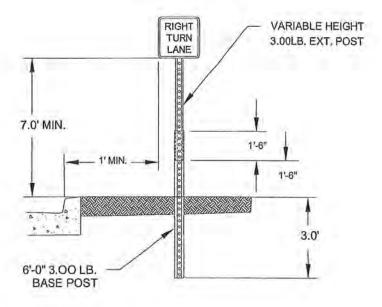
	DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  PRINT NAME: DOUGLAS W., FISCHER  DESIGN BY. DATE  DESIGN BY. DATE	PROJECT NO
NO DATE BY CKD APPR REVISION  NAME P:\19-01-00\CSAH 14 (Wargo)\Base\Traffic\Signing & Striping.dwg	SIGNATURE ANOKA DIGITALIA	Y PROJECT NO Sheet <u>8</u> of <u>13</u> Sheets



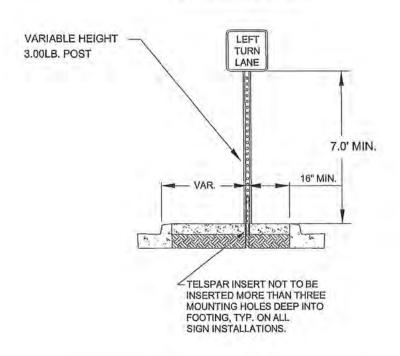




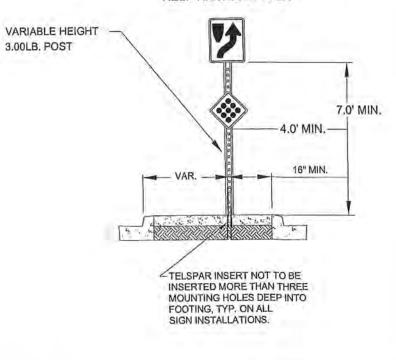
### GROUND POST MOUNT SIGN INSTALLATION TYPICAL



# ISLAND MOUNT BREAK-AWAY SIGN INSTALLATION TYPICAL



#### ISLAND MOUNT BREAK-AWAY SIGN SIGN INSTALLATION TYPICAL KEEP RIGHT/CLUSTER





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

PRINT NAME: DOUGLAS W. EISCHER, P.E. SIGNATURE:

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ANOKA COUNTY HIGHWAY DEPT. STATE PROJECT NO.

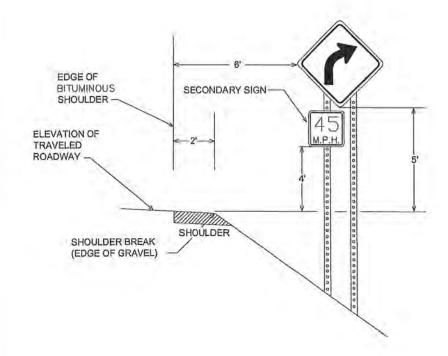
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STATE AID PROJECT NO.

COUNTY PROJECT NO.

SIGNING & STRIPING
DETAILS
Sheet 10 of 13 Sheets

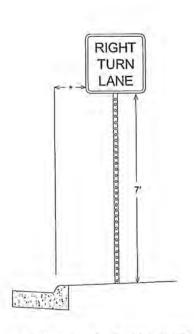
# TYPICAL SIGN PLACEMENT (RURAL)



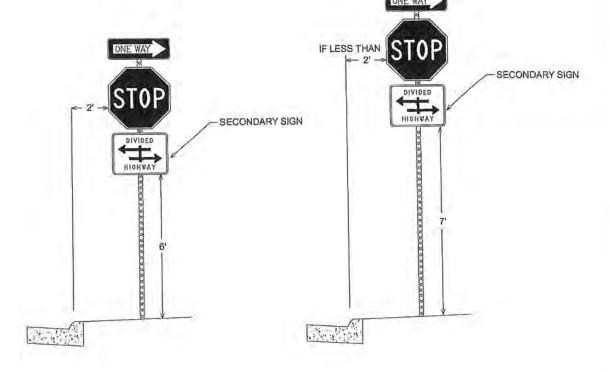
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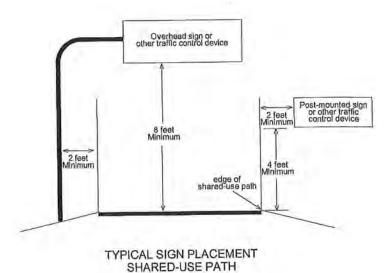
- ALL DIMENSIONS ARE MINIMUMS
- MAINTAIN A CLEAR DISTANCE OF 2' BETWEEN SIGNS AND BITUMINOUS TRAIL
- 7' SIGN CLEARANCE IF A CLEAR DISTANCE OF 2' BETWEEN SIGNS AND BITUMINOUS TRAIL CANNOT BE MAINTAINED

# TYPICAL SIGN PLACEMENT (URBAN)



2' - NARROW BOULEVARD ( < 8' WIDE)</li>
 6' - WIDE BOULEVARD





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

PRINT NAME: DOUGLAS WEISCHER, P.E.

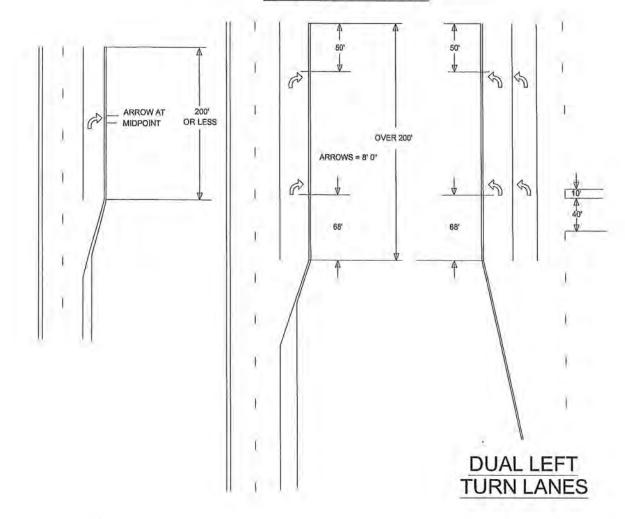
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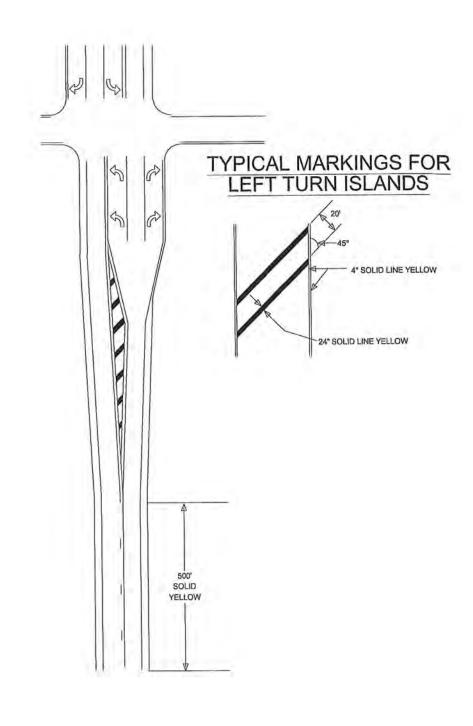
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ANOKA COUNTY HIGHWAY DEPT. SIGNING & STRIPING
DETAILS
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REG. NO. 20235 DATE DATE COUNTY DATE HIGHWAY DEPT. STATE AID PROJECT NO. COUNTY PROJECT NO.

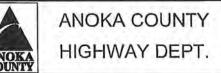
# TYPICAL MESSAGE PLACEMENT FOR TURN LANES





						HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULLY REGISTRED PROFESSIONAL BUGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.  PRINT NAME: DOUGLAS W. FISCHER, P.E.
NO	DATE	BY	CKD	APPR	REVISION	SIGNATURE: 20235
NAME	P:\19-01-0	0\CSAH 14	(Wargo)	\Base\Traffic\Signi	ing & Striping Details.dwg	DATE: 4745/1 REG. NO. 20233

ME	DRAWN BY TMV	_ DATE	03/06/19	
-	DESIGN BY	_ DATE		
=	CHECKED BY	_ DATE		A

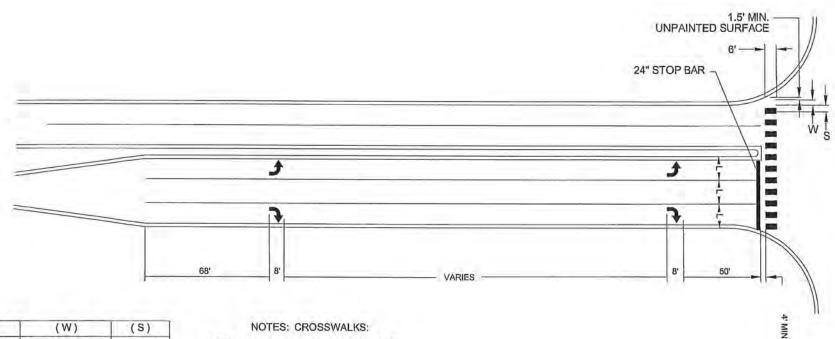


STATE PROJECT NO.	
STATE AID PROJECT NO	002-614-047
STATE AID PROJECT NO	
COUNTY PROJECT NO	

SIGNING & STRIPING DETAILS

Sheet \_\_12\_ of \_\_13\_ Sheets

### MARKINGS FOR PEDESTRIAN CROSSWALKS



(L)	(W)	(S)	
WIDTH OF INSIDE LANE	WIDTH OF PAINTED AREAS	WIDTH OF SPACE	
9,	2.0'	2.5' 2.5'	
10'	2.5'		
11'	2.5'	3.0'	
12'	3.0'	3.0'	
13'	3.0'	3.5	

- PAINTED AREAS ARE TO BE CENTERED ON CENTER AND LANE LINES, EVEN IF INTERSECTION IS NOT ALIGNED.
- 2.) LOCATION OF ZEBRA CROSSWALKS AND STOP BARS, SIGNAL LOOPS AND PED RAMPS ARE APPROXIMATE. FINAL LOCATIONS ARE TO BE DETERMINED AND FIELD VERFIED DURING CONSTRUCTION BY THE FIELD ENGR.
- 3.) ZEBRA CROSSWALKS ARE TO BE PARALLEL TO THE DRIVING LANE OR LANES. EVEN IF THE STREET IS ON AN ANGLE TO THE
- 4.) A MIN. OF 1.5' (450mm) CLEAR DISTANCE MUST BE LEFT ADJACENT TO THE CURB. IF LAST PAINTED AREA FALLS INTO THIS AREA, IT MUST BE OMITTED.
- 5.) ON TWO LANE STREETS, USE SPACING SHOWN FOR AN 11' (3.3mm) INSIDE LANE.

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NO	DATE	BY	CKD	APPR	REVISION	

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

PRINT NAME: DOUGLAS W. EISCHER, D.E.

DESIGN BY \_\_\_\_\_\_ DATE \_\_\_\_\_\_

CHECKED BY \_\_\_\_\_ DATE \_\_\_\_\_



ANOKA COUNTY HIGHWAY DEPT. STATE PROJECT NO.

STATE AID PROJECT NO.

STATE AID PROJECT NO.

COUNTY PROJECT NO.

SIGNING & STRIPING DETAILS

Sheet 13 of 13 Sheets