

CITY OF RAMSEY

2022 MSA PAVEMENT MARKING IMPROVEMENTS

CITY IMPROVEMENT PROJECT NO. 22-13

GOVERNING SPECIFICATIONS

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

ALL FEDERAL, STATE AND LOCAL LAWS, REGULATIONS AND ORDINANCES SHALL BE COMPLIED WITH IN THE CONSTRUCTION OF THIS PROJECT.

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








SHEET INDEX

THIS PLAN CONTAINS 16 SHEETS

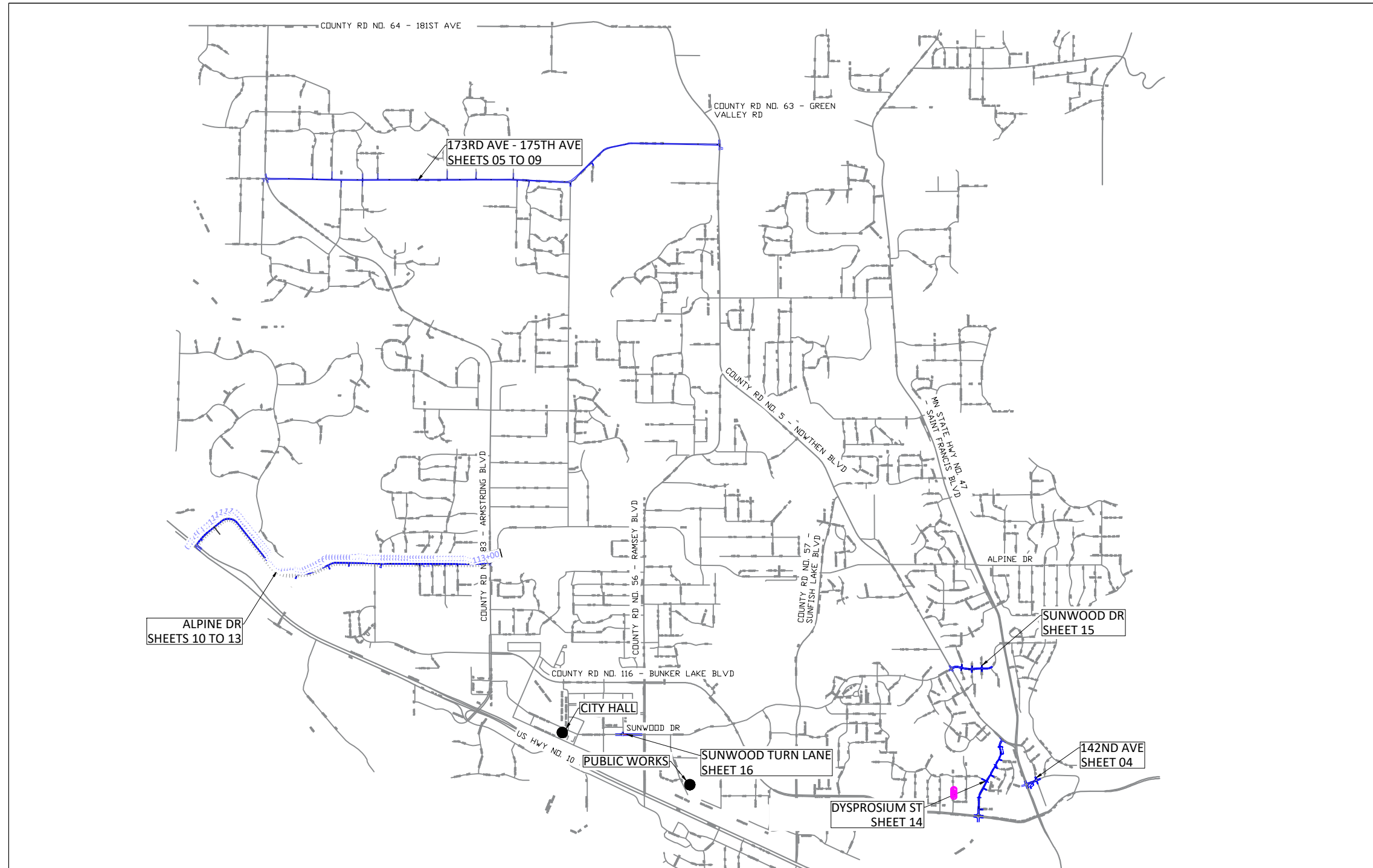
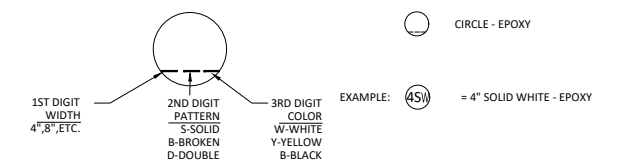
SHEET No.	DESCRIPTION
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LEGEND

-  PAVEMENT MARKING REMOVAL
-  STOP BAR REMOVAL
-  RAILROAD CROSSING MARKING
-  PAVEMENT MARKING
-  CROSSWALK MARKING
-  STOP BAR MARKING
-  TURN ARROW

STRIPING KEY & LEGEND

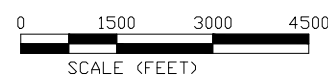


I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.


 JOE FERJANCEK, P.E.
 CIVIL ENGINEER II

57095 DATE 08/11/22
 LIC. NO.

DATE	REVISION



CITY OF RAMSEY
 7550 SUNWOOD DRIVE
 RAMSEY, MN 55303
 (763) 427-1410 FAX (763) 433-9898

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CI/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

NOTE: EXISTING UTILITY INFORMATION SHOWN ON THIS PLAN HAS BEEN PROVIDED BY THE UTILITY OWNER. THE CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS PRIOR TO COMMENCING CONSTRUCTION AS REQUIRED BY STATE LAW. NOTIFY GOPHER STATE ONE CALL 1-800-252-1166 OR 651-454-0002



Call before you dig
 811
 651 454-0002 Metro
 800 252-1166 Outstate
 www.gopherstateonecall.org

22-13 2022 MSA PAVEMENT MARKING IMPROVEMENTS

STATEMENT OF ESTIMATED QUANTITIES

NOTE	ITEM No.	MNDOT No.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
	1	2021.501	MOBILIZATION	LS	1
1,2	2	2102.503	PAVEMENT MARKING REMOVAL	LF	208
1	3	2102.518	PAVEMENT MARKING REMOVAL	SF	92
	4	2563.601	TRAFFIC CONTROL	LS	1
	5	2582.501	PAVT MSSG (LT ARROW) - EPOXY	EA	2
	6	2582.501	PAVT MSSG (RT ARROW) - EPOXY	EA	3
3	7	2582.502	4" DOUBLE SOLID LINE YELLOW - EPOXY	LF	17,396
	8	2582.502	4" SOLID LINE YELLOW - EPOXY	LF	7,842
	9	2582.502	4" SOLID LINE WHITE - EPOXY	LF	57,781
	10	2582.502	24" SOLID LINE YELLOW - EPOXY	LF	44
	11	2582.502	24" SOLID LINE WHITE - EPOXY	LF	117
	12	2582.518	CROSSWALK - EPOXY	SF	576
	13	2582.518	RAILROAD CROSSING - EPOXY	SF	96

PAY ITEM NOTES:

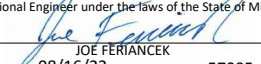
1. REMOVALS SHALL BE MARKED IN THE FIELD BY CITY STAFF.
2. REMOVAL OF DOUBLE SOLID LINE IS PAID BY LINEAR FOOT FOR EACH SOLID LINE.
EXAMPLE: 50 LF OF DOUBLE SOLID LINE REMOVAL EQUALS 100 LF OF PAVEMENT MARKING REMOVAL.
3. 4" DOUBLE SOLID LINE SHALL BE SPACED 4" APART AS MEASURED AT THE INSIDE EDGES OF THE LINES.

PERMANENT PAVEMENT MARKING GENERAL NOTES AND GUIDELINES:

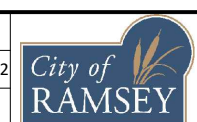
1. THE ENGINEER'S INVOLVEMENT IN THE APPLICATION OF THE MATERIAL SHALL BE LIMITED TO FIELD CONSULTATION AND INSPECTION. THE CONTRACTOR WILL PLACE NECESSARY "SPOTTING" AT APPROPRIATE POINTS TO PROVIDE HORIZONTAL CONTROL FOR STRIPING TO DETERMINE NECESSARY STARTING AND CUTOFF POINTS. LONGITUDINAL JOINTS, PAVEMENT EDEGES AND EXISTING MARKINGS MAY SERVE AS HORIZONTAL CONTROL WHEN SO DIRECTED.
2. EDGE LINES AND LANE LINES ARE TO BE BROKEN ONLY AT INTERSECTIONS WITH PUBLIC ROADS AND AT PRIVATE ENTRANCES IF THEY ARE CONTROLLED BY A YIELD SIGN, STOP SIGN OR TRAFFIC SIGNAL. THE BREAK POINT IS TO BE AT THE START OF THE RADIUS FOR THE INTERSECTION OR AT MARKED STOP LINES OR CROSSWALKS.
3. TOLERANCE OF 1/4 INCH UNDER OR 1/4 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 1/2 FOOT FROM THE SPECIFIED LENGTHS PROVIDED THE OVER AND UNDER VARIATIONS ARE REASONABLY COMPENSATORY. ALIGNMENT DEVIATIONS FROM THE CONTROL GUIDE SHALL NOT EXCEED 1 INCH. MATERIAL SHALL NOT BE APPLIED OVER LONGITUDINAL JOINTS. ESTABLISHMENT OF APPLICATION TOLERANCES SHALL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO COMPLY AS CLOSELY AS PRACTICABLE WITH THE PLANNED DIMENSIONS.
4. 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. THIS WORK SHALL BE INCIDENTAL TO PAVEMENT MARKING.
5. THE EPOXY MARKING APPLICATION SHALL IMMEDIATELY FOLLOW THE PAVEMENT CLEANING. GLASS BEADS SHALL BE APPLIED IMMEDIATELY AFTER APPLICATION OF THE EPOXY RESIN LINE TO PROVIDE AN IMMEDIATE NO-TRACK SYSTEM.
6. APPLY EPOXY MARKINGS WITH A MINIMUM THICKNESS OF 20 MILS, GLASS BEADS SHALL BE APPLIED AT A RATE OF AT LEAST 25 LB/GAL. THE "NO-TRACKING" CONDITION SHALL BE DETERMINED ON AN APPLICATION OF SPECIFIED THICKNESS TO THE PAVEMENT AND COVERED WITH GLASS BEADS AT THE RATE OF AT LEAST 25 LB/GAL.
7. OPERATIONS SHALL BE CONDUCTED ONLY WHEN THE ROAD PAVEMENT SURFACE TEMPERATURES ARE 50 DEGREES OR GREATER.
8. PERMANENT PAVEMENT MARKINGS SHALL NOT BE PLACED OVER TEMPORARY TAPE MARKINGS.

DATE	REVISION
08/16/22	CHANGED ALL MARKINGS TO EPOXY & MODIFIED NOTE 6

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 JOE FERIANCEK
 Date 08/16/22 Lic. No. 57095

DESIGNED BY:	LWC	DATE:	08/16/22
DRAWN BY:	LWC	FILE:	22-13
CHECKED BY:	JJF		

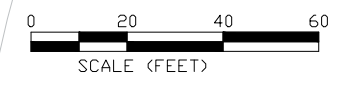


CITY OF RAMSEY
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22-13 - STATEMENT OF ESTIMATED QUANTITIES

2022 MSA PAVEMENT MARKING IMPROVEMENTS
CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA

2022 MSA Pavement Marking Improvements																	
142ND Ave Striping Summary																	
DESCRIPTION	DIRECTION	STATION		PAVEMENT MESSAGE (EPOXY)				TRAIN CROSSING	4" SOLID LINE (EPOXY)		4" DOUBLE SOLID LINE (EPOXY)	4" BROKEN LINE (EPOXY)	4" DASHED LINE (EPOXY)	24" SOLID LINE (EPOXY)	FOG LINE	EB	WB
		START	END	CROSS WALK	STOP BAR	LEFT TURN	RIGHT TURN		WHITE	YELLOW	YELLOW	YELLOW	WHITE	YELLOW			
CENTERLINE		0+35	1+69							134							
STOP BAR		0+60	0+66		13												
CENTERLINE		0+69	1+69							100							
TRANSVERSE MARKINGS		0+69	1+69										44				
TOTALS				0	13	0	0	0	0	0	234	0	0	44			
173rd Ave - 175th Ave Striping Summary																	
DESCRIPTION	DIRECTION	STATION		PAVEMENT MESSAGE (EPOXY)				TRAIN CROSSING	4" SOLID LINE (EPOXY)		4" DOUBLE SOLID LINE (EPOXY)	4" BROKEN LINE (EPOXY)	4" DASHED LINE (EPOXY)	24" SOLID LINE (EPOXY)	FOG LINE	EB	WB
		START	END	CROSS WALK	STOP BAR	LEFT TURN	RIGHT TURN		WHITE	YELLOW	YELLOW	YELLOW	WHITE	YELLOW			
FOG LINE	EB	0+00	25+33						2533								
FOG LINE	WB	0+17	15+55						1538								
12' R TURN LANE	WB	0+29	2+83						254								
CENTERLINE		0+34	9+94								960						
CENTERLINE		9+94	17+28							734		140					
FOG LINE	WB	16+17	22+21						604								
CENTERLINE		17+28	35+23									360					
FOG LINE	WB	22+84	32+80						996								
FOG LINE	EB	26+10	32+80						670								
FOG LINE	EB	33+37	86+18						5281								
FOG LINE	WB	33+37	38+05						468								
CENTERLINE		35+23	42+37							714		150					
FOG LINE	WB	38+67	61+90														
CENTERLINE		42+37	43+84								30						
CENTERLINE		43+84	49+86							602		120					
CENTERLINE		49+86	94+10									890					
FOG LINE	WB	62+60	71+92						932								
FOG LINE	WB	72+50	84+81						1231								
FOG LINE	WB	85+38	160+62						7524								
FOG LINE	EB	86+72	90+21						349								
FOG LINE	EB	90+88	104+50						1362								
CENTERLINE		94+10	101+38							728		140					
CENTERLINE		101+38	113+68								1230						
12' R TURN LANE	EB	101+59	104+50						291								
BYPASS LANE	WB	104+50	106+63										40				
FOG LINE	EB	105+27	114+35						908								
CENTERLINE		113+68	121+50							782		160					
FOG LINE	EB	114+93	160+62						4569								
CENTERLINE		121+50	129+22								772						
CENTERLINE		129+22	137+72							850		170					
CENTERLINE		137+72	150+12								240						
CENTERLINE		150+12	155+36							524		100					
CENTERLINE		155+36	160+62								526						
12' R TURN LANE	EB	158+22	160+62						240								
TOTALS				0	0	0	0	0	29750	4934	3488	2500	40				
Dysprosium St Striping Summary																	
DESCRIPTION	DIRECTION	STATION		PAVEMENT MESSAGE (EPOXY)				TRAIN CROSSING	4" SOLID LINE (EPOXY)		4" DOUBLE SOLID LINE (EPOXY)	4" BROKEN LINE (EPOXY)	4" DASHED LINE (EPOXY)	24" SOLID LINE (EPOXY)	FOG LINE	EB	WB
		START	END	CROSS WALK	STOP BAR	LEFT TURN	RIGHT TURN		WHITE	YELLOW	YELLOW	YELLOW	WHITE	YELLOW			
FOG LINE	SB	0+56	3+86						330								
CENTERLINE		0+65	9+77														
12' L TURN LANE	SB	0+65	2+60						195								
12' R TURN LANE	SB	0+65	2+60						195								
6' SHOULDER	NB	0+85	2+04						119								
R TURN ARROW	SB	1+03	1+09														
L TURN ARROW	SB	1+03	1+09			1											
R TURN ARROW	SB	1+33	1+39				1										
FOG LINE EB	NB	2+73	9+68						695								
6' SHOULDER	SB	3+86	9+53						567								
FOG LINE	SB	9+53	10+50						97								
CROSSWALK		9+57	9+65							72							
CENTERLINE		10+31	12+37														
FOG LINE	NB	10+40	14+87						447								
6' SHOULDER	SB	10+50	12+22						172								
CENTERLINE		12+93	14+97														
6' SHOULDER	SB	12+97	14+68						171								
CROSSWALK		13+01	13+09							72							
FOG LINE	SB	14+68	15+73						105								
CENTERLINE		15+49	18+15														
CROSSWALK		15+54	15+62							72							
FOG LINE	NB	15+55	18+07						252								
6' SHOULDER	SB	15+73	17+51						178								
FOG LINE	SB	17+51	21+95						444								
CENTERLINE		18+73	21+14														
FOG LINE	NB	18+73	21+03						230								
CENTERLINE		21+70	27+94														
CROSSWALK		21+75	21+83							72							
FOG LINE	NB	21+77	23+07						130								
6' SHOULDER	SB	21+95	25+65						370								
FOG LINE	NB	23+55	25+44						189								
FOG LINE	SB	26+10	28+03						193								
4' SHOULDER	NB	26+36	27+94						158								
12' R TURN LANE	NB	26+64	27+94						130								
TOTALS				288	0	1	2	0	5367	0	2453	0	0				
Sunwood Dr Striping Summary																	
DESCRIPTION	DIRECTION	STATION		PAVEMENT MESSAGE (EPOXY)				TRAIN CROSSING	4" SOLID LINE (EPOXY)		4" DOUBLE SOLID LINE (EPOXY)	4" BROKEN LINE (EPOXY)	4" DASHED LINE (EPOXY)	24" SOLID LINE (EPOXY)	FOG LINE	EB	WB
		START	END	CROSS WALK	STOP BAR	LEFT TURN	RIGHT TURN		WHITE	YELLOW	YELLOW	YELLOW	WHITE	YELLOW			
CROSS WALK		0+00	0+08						168								
CENTERLINE		0+12	2+80														
6' SHOULDER	EB	0+12	2+80						268								
12' R TURN LANE	WB	0+12	2+80						268								
CENTERLINE		3+43	6+44														
6' SHOULDER	EB	3+43	6+44						310								
6' SHOULDER	WB	3+43	6+44						310								
CENTERLINE		7+07	9+90														
6' SHOULDER	EB	7+07	9+90						283								
6' SHOULDER	WB	7+07	9+90						283								
TOTALS				168	0	0	0	0	1722	0	861	0	0				
Sunwood Turn Lane Striping Summary																	
DESCRIPTION	DIRECTION	STATION		PAVEMENT MESSAGE (EPOXY)				TRAIN CROSSING	4" SOLID LINE (EPOXY)		4" DOUBLE SOLID LINE (EPOXY)	4" BROKEN LINE (EPOXY)	4" DASHED LINE (EPOXY)	24" SOLID LINE (EPOXY)	FOG LINE	EB	WB
		START	END	CROSS WALK	STOP BAR	LEFT TURN	RIGHT TURN		WHITE	YELLOW	YELLOW	YELLOW	WHITE	YELLOW			
R TURN ARROW	EB	0+00	0+06														
CENTERLINE		0+93	2+04														
11' L TURN LANE	WB	0+93	1+53						60								
L TURN ARROW	WB	1+23	1+29														
TOTALS				0	0	1	1	0	60	0	111	0	0				



2'x 13' STOP BAR - EPOXY

4SY

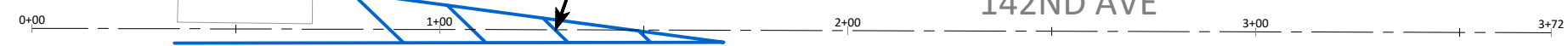
24SY

5195

XKIMO ST

14201

142ND AVE



14150

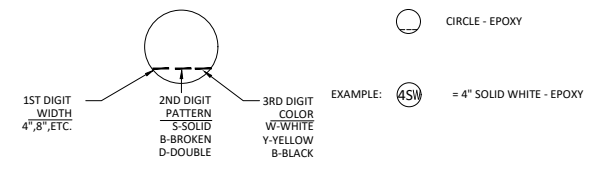
ST FRANCIS BLVD (CSAH 47)

14125

LEGEND

- PAVEMENT MARKING
- STOP BAR MARKING

STRIPING KEY & LEGEND



DATE	REVISION

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JOE FERIANCEK
 Date 08/11/22 Lic. No. 57095

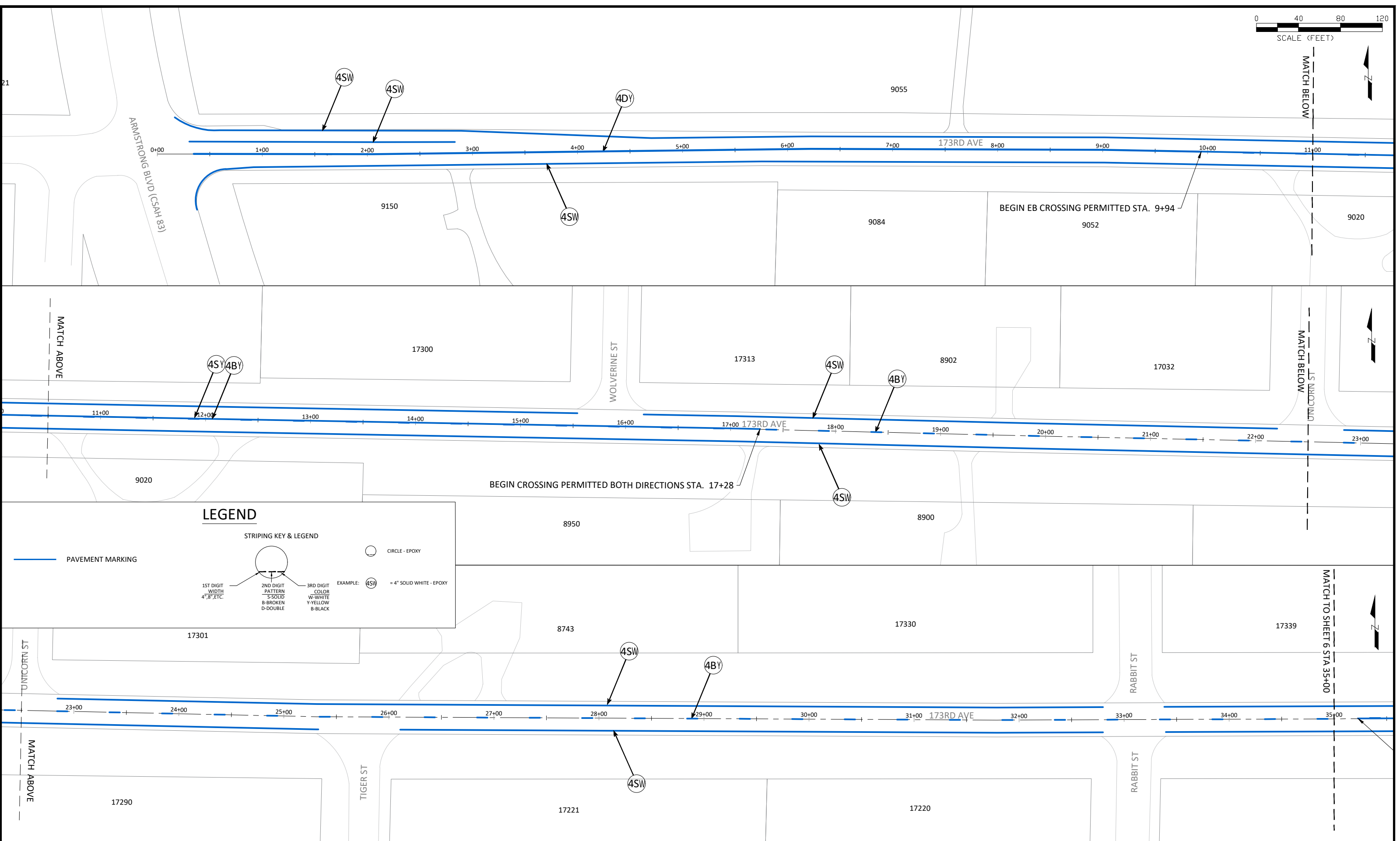
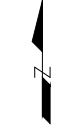
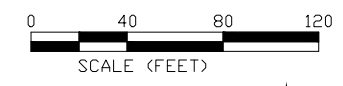
DESIGNED BY:	LWC
DRAWN BY:	LWC
CHECKED BY:	JJF

DATE: 08/11/22
FILE: 22-13

CITY OF RAMSEY
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22-13 - PAVEMENT MARKING 142ND AVE

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA



LEGEND

PAVEMENT MARKING

STRIPING KEY & LEGEND

1ST DIGIT WIDTH 4", 8", ETC.

2ND DIGIT PATTERN S-SOLID B-BROKEN D-DOUBLE

3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK

EXAMPLE: (4SW) = 4" SOLID WHITE - EPOXY

CIRCLE - EPOXY

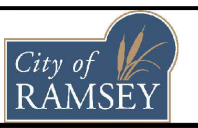
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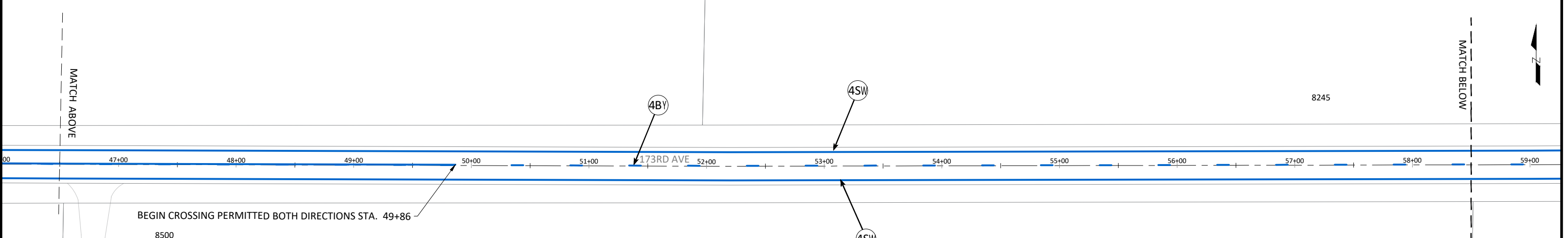
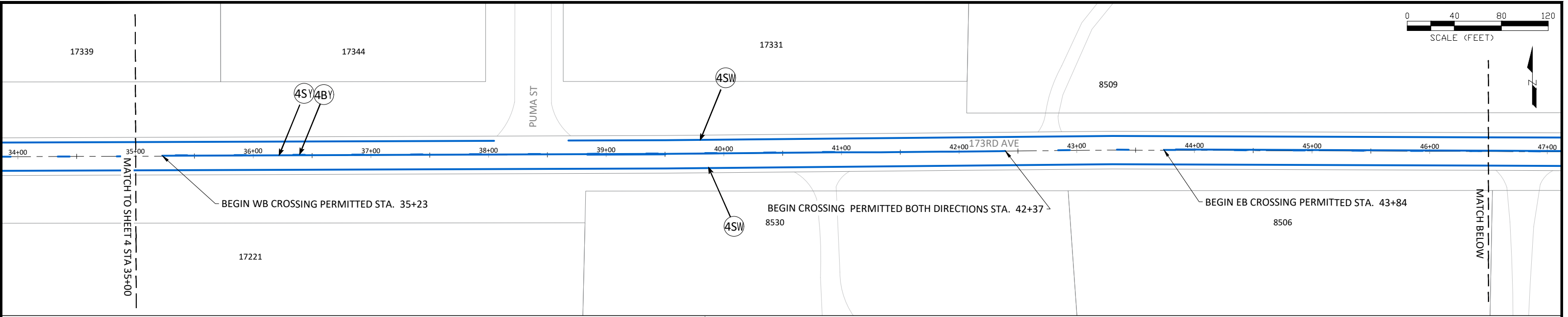
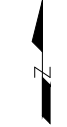
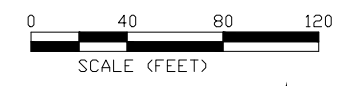


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22-13 - PAVEMENT MARKING 173RD AVE -175TH AVE

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 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA

SHEET 05 OF 16 SHEETS

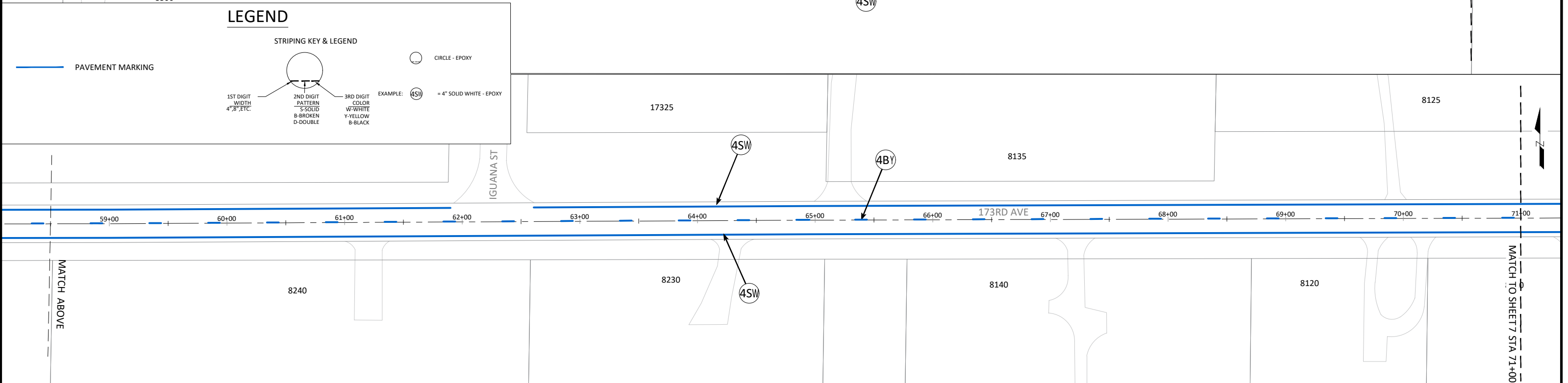


LEGEND

PAVEMENT MARKING

STRIPING KEY & LEGEND

1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S-SOLID B-BROKEN D-DOUBLE	3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK	EXAMPLE: (4SW) = 4" SOLID WHITE - EPOXY	CIRCLE - EPOXY
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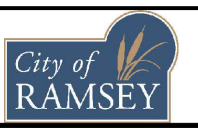
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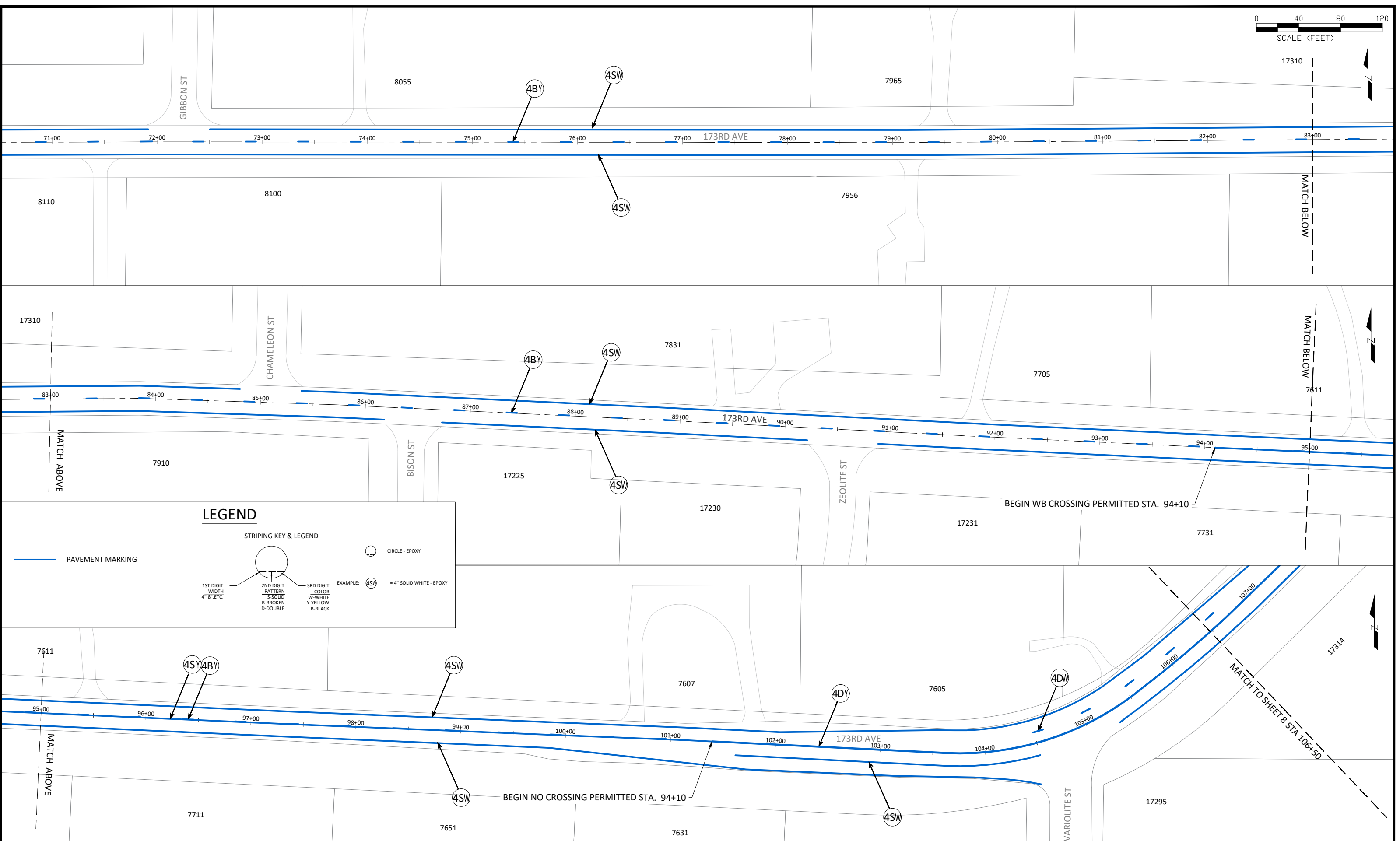
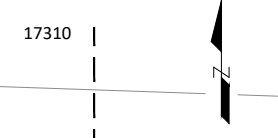
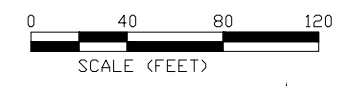


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22-13 - PAVEMENT MARKING 173RD AVE -175TH AVE

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 CITY OF RAMSEY, MINNESOTA

SHEET 06 OF 16 SHEETS



LEGEND

PAVEMENT MARKING

STRIPING KEY & LEGEND

1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S-SOLID B-BROKEN D-DOUBLE	3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK	EXAMPLE: (4SW) = 4" SOLID WHITE - EPOXY	CIRCLE - EPOXY
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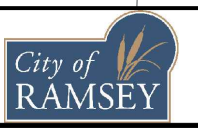
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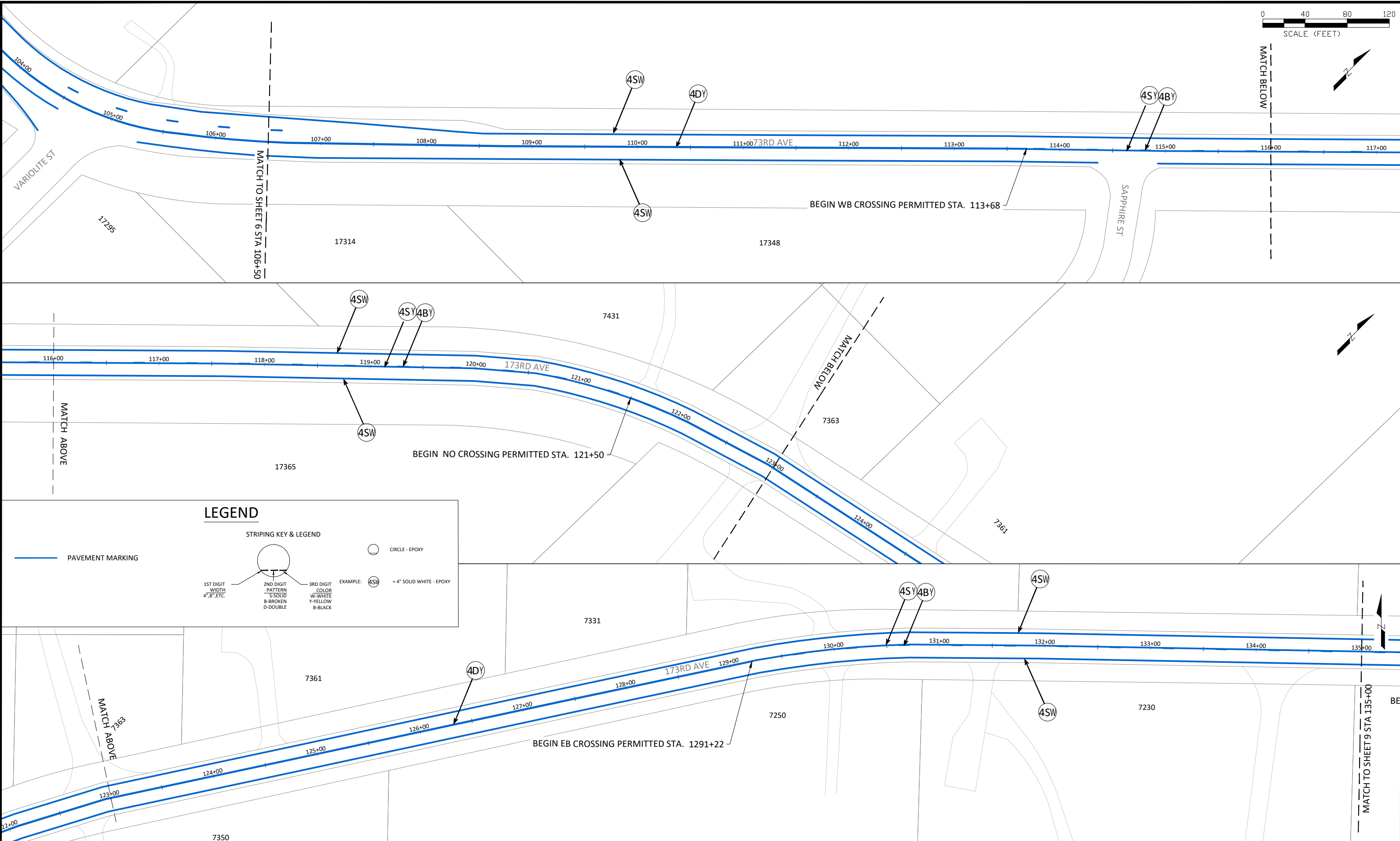
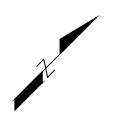
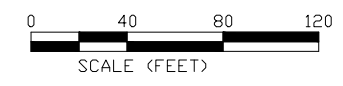


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22-13 - PAVEMENT MARKING 173RD AVE -175TH AVE

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA

SHEET 07 OF 16 SHEETS



LEGEND

PAVEMENT MARKING

STRIPING KEY & LEGEND

1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S-SOLID B-BROKEN D-DOUBLE	3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK	EXAMPLE: 4SW = 4" SOLID WHITE - EPOXY	CIRCLE - EPOXY
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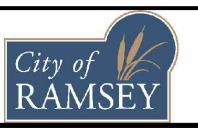
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Joe Feriancek
 JOE FERIANCEK
 Date 08/11/22 Lic. No. 57095

DESIGNED BY: LWC
 DRAWN BY: LWC
 CHECKED BY: JJF

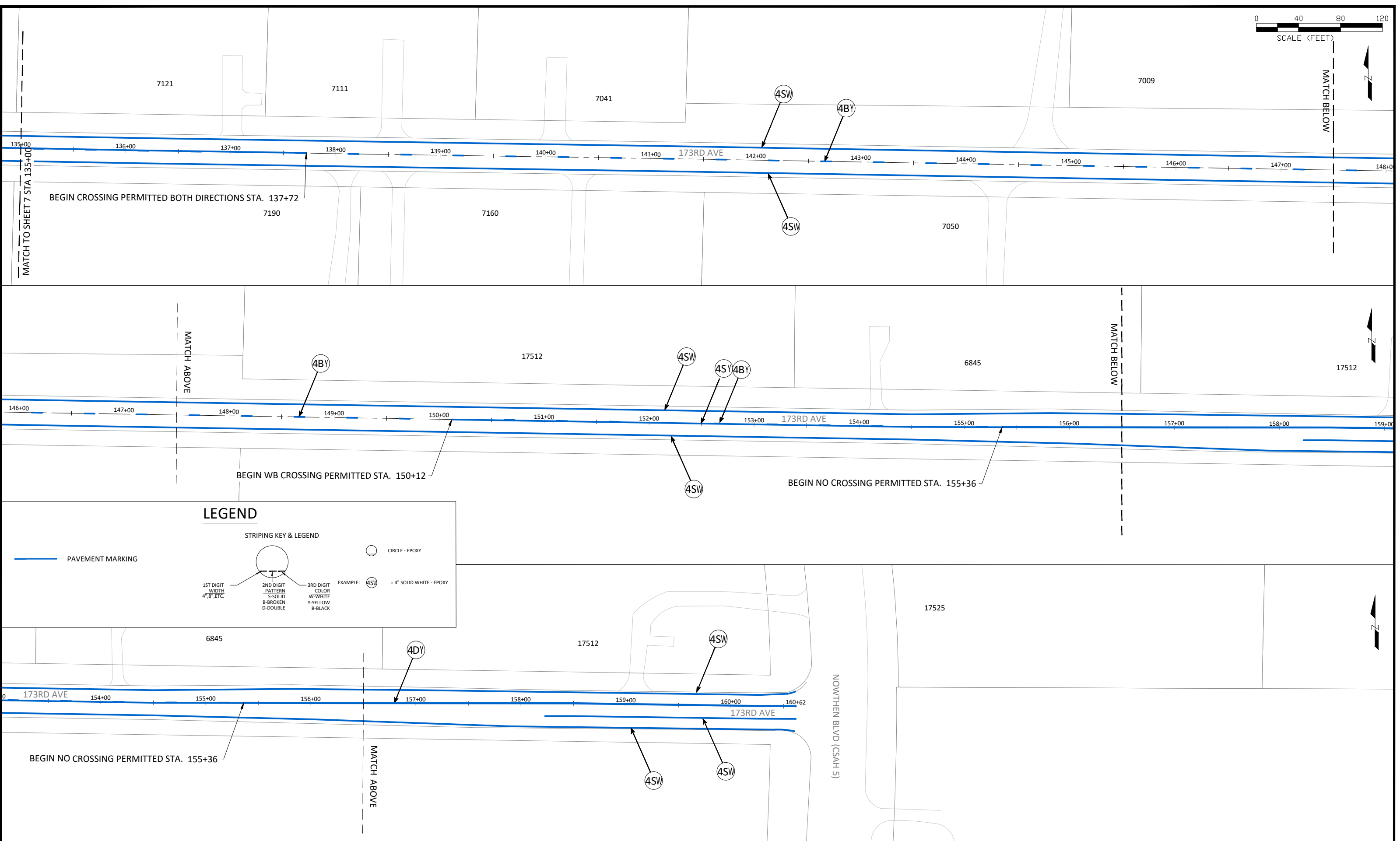
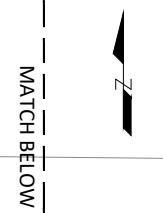
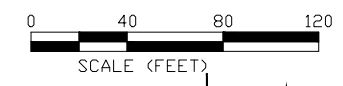
DATE: 08/11/22
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22-13 - PAVEMENT MARKING 173RD AVE -175TH AVE

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA



LEGEND

PAVEMENT MARKING

STRIPING KEY & LEGEND

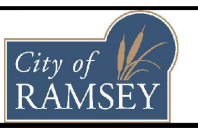
1ST DIGIT WIDTH 4", 8", ETC.	2ND DIGIT PATTERN S-SOLID B-BROKEN D-DOUBLE	3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK	EXAMPLE: (4SW) = 4" SOLID WHITE - EPOXY	CIRCLE - EPOXY
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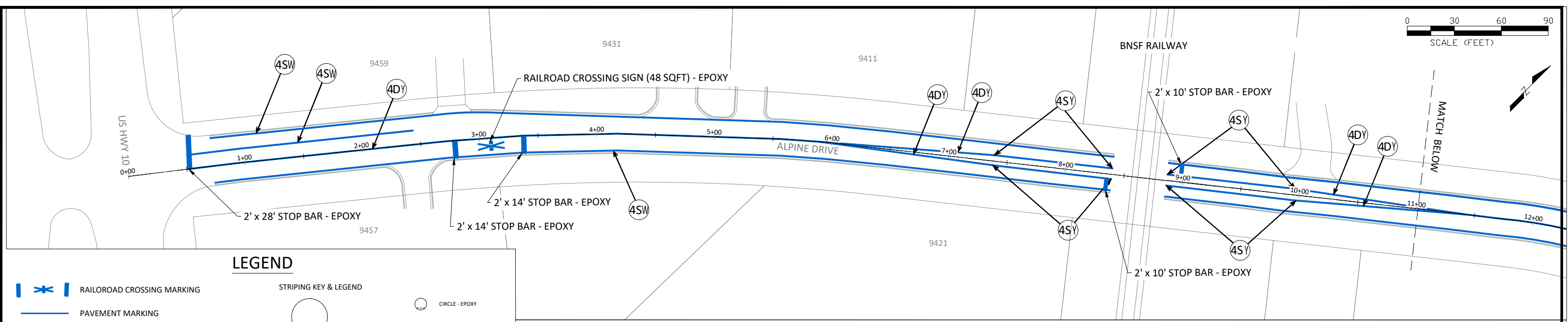
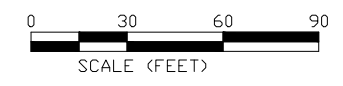
DESIGNED BY:	LWC
DRAWN BY:	LWC
CHECKED BY:	JJF



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22-13 - PAVEMENT MARKING 173RD AVE -175TH AVE

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA



LEGEND

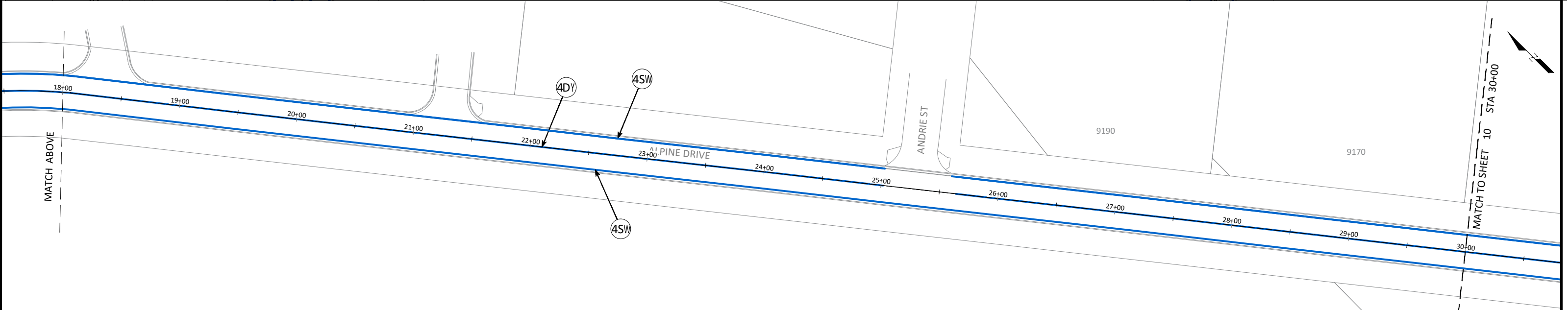
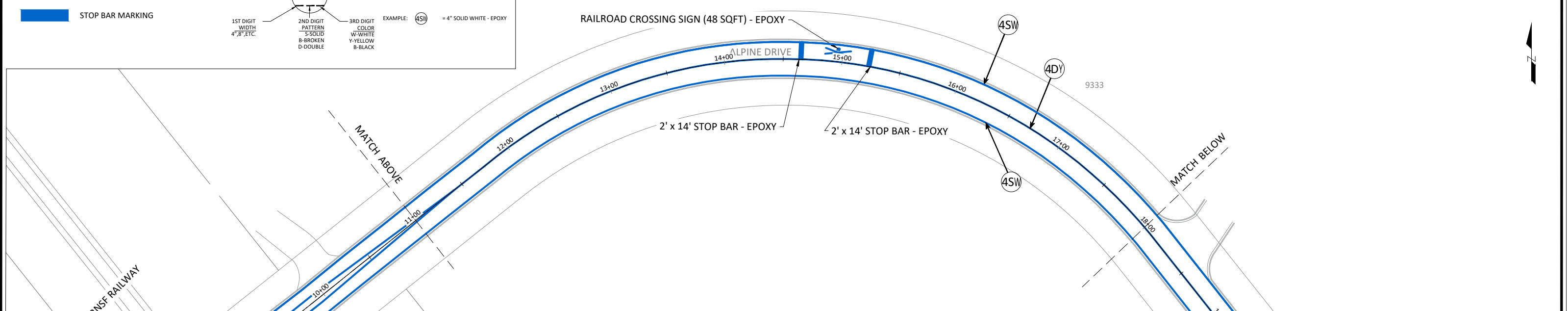
RAILROAD CROSSING MARKING
PAVEMENT MARKING
STOP BAR MARKING

STRIPING KEY & LEGEND

1ST DIGIT WIDTH 4", 8", ETC.
2ND DIGIT PATTERN S-SOLID W-WHITE Y-YELLOW D-DOUBLE
3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK

EXAMPLE: (4SW) = 4" SOLID WHITE - EPOXY

CIRCLE - EPOXY



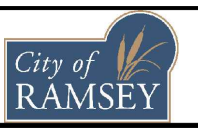
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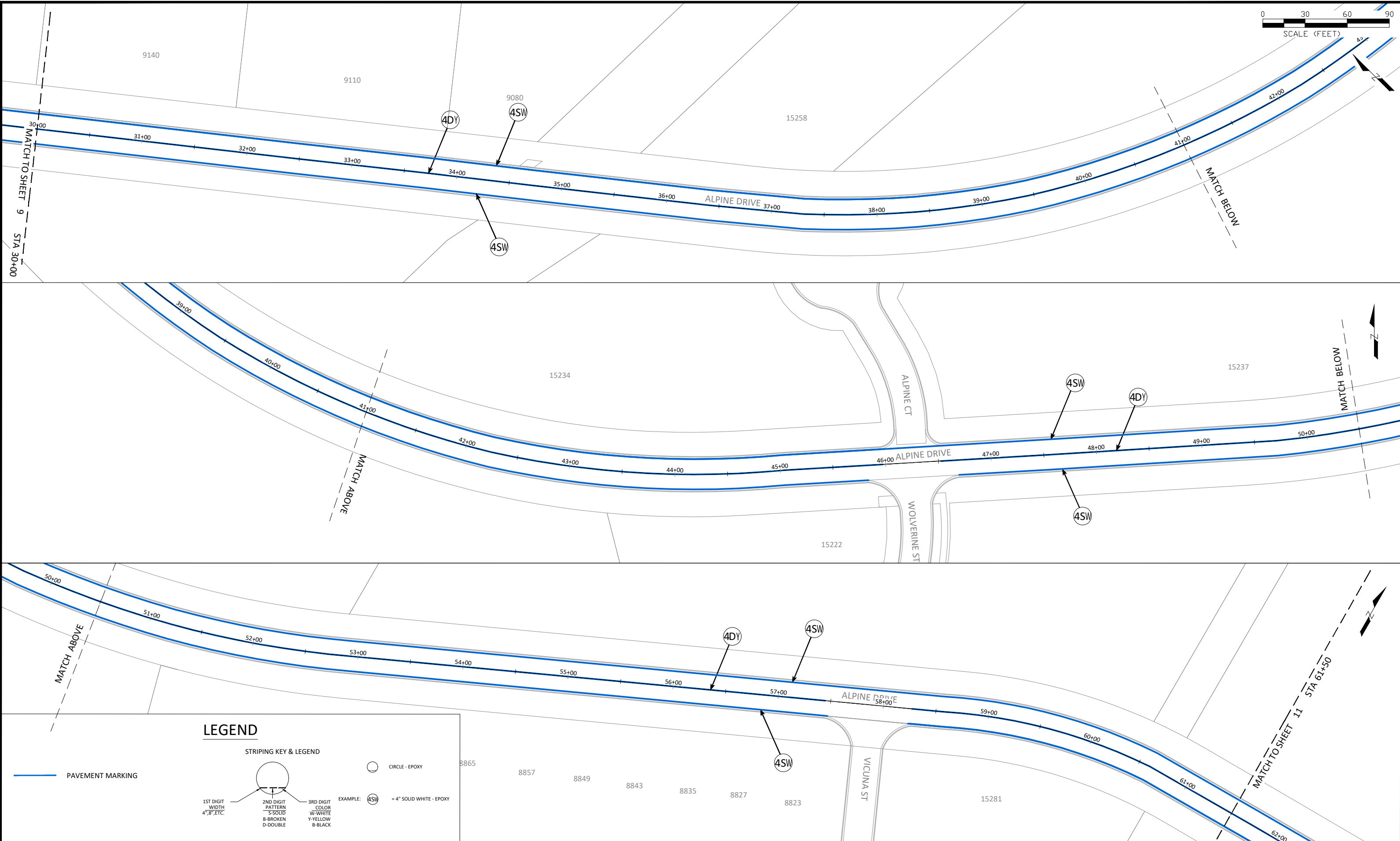


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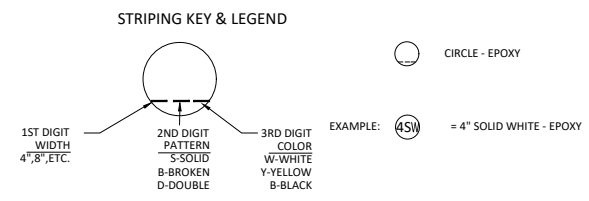
22-13 - PAVEMENT MARKING ALPINE DR

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA

SHEET 10 OF 16 SHEETS



LEGEND

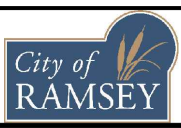


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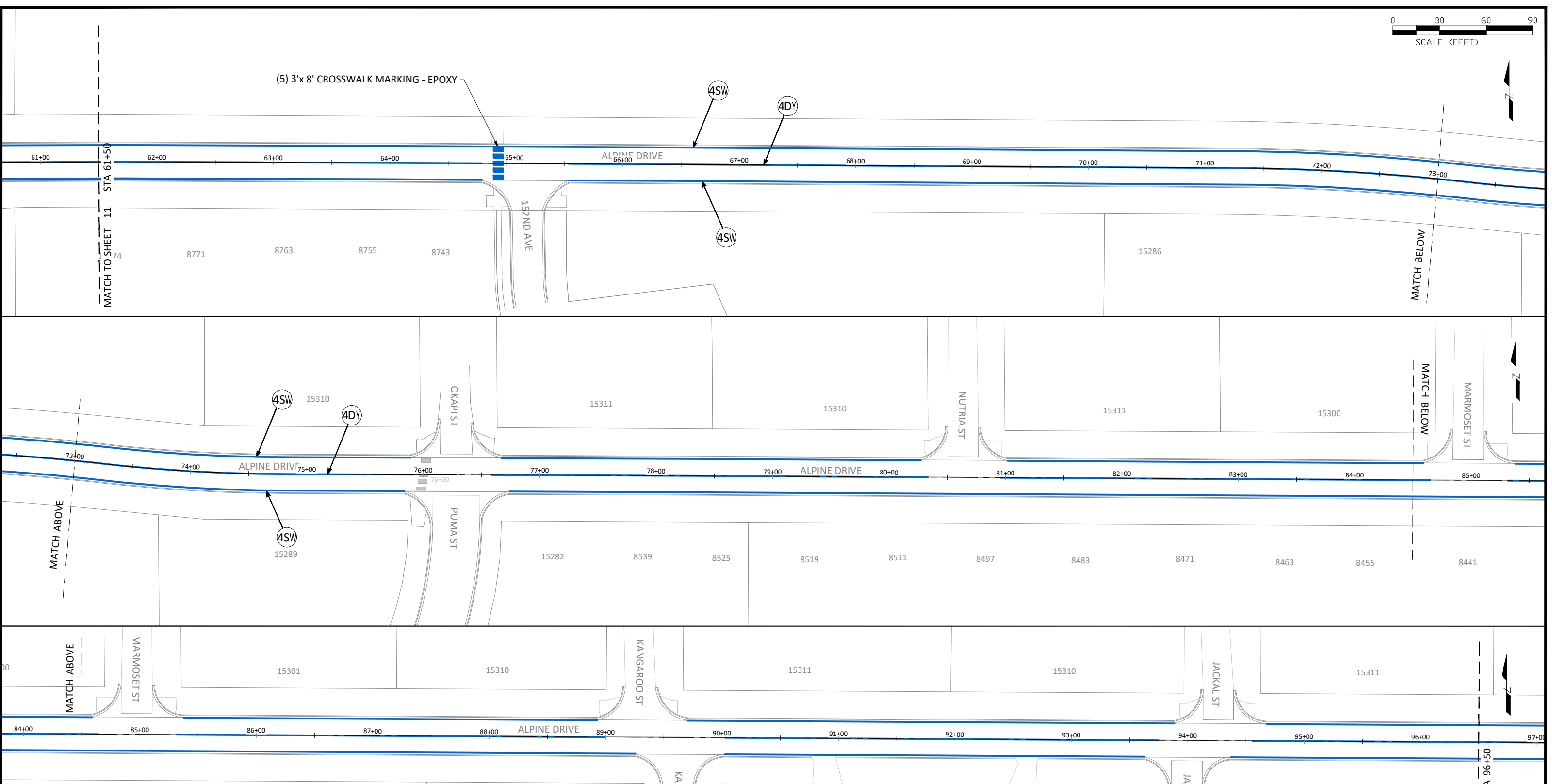
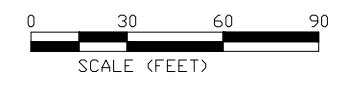
DESIGNED BY: LWC
 DATE: 08/11/22
 DRAWN BY: LWC
 CHECKED BY: JJF
 FILE: 22-13



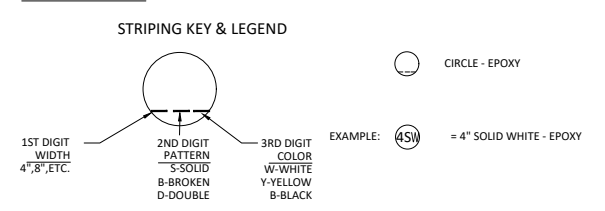
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22-13 - PAVEMENT MARKING ALPINE DR

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA



LEGEND



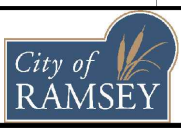
- PAVEMENT MARKING
- CROSSWALK MARKING

DATE	REVISION

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 CHECKED BY: JJJ
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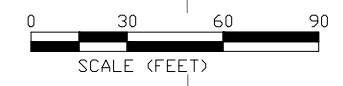


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22-13 - PAVEMENT MARKING ALPINE DR

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA

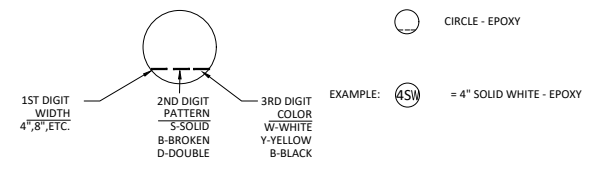
SHEET 12 OF 16 SHEETS



LEGEND

STRIPING KEY & LEGEND

PAVEMENT MARKING



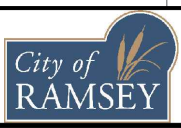
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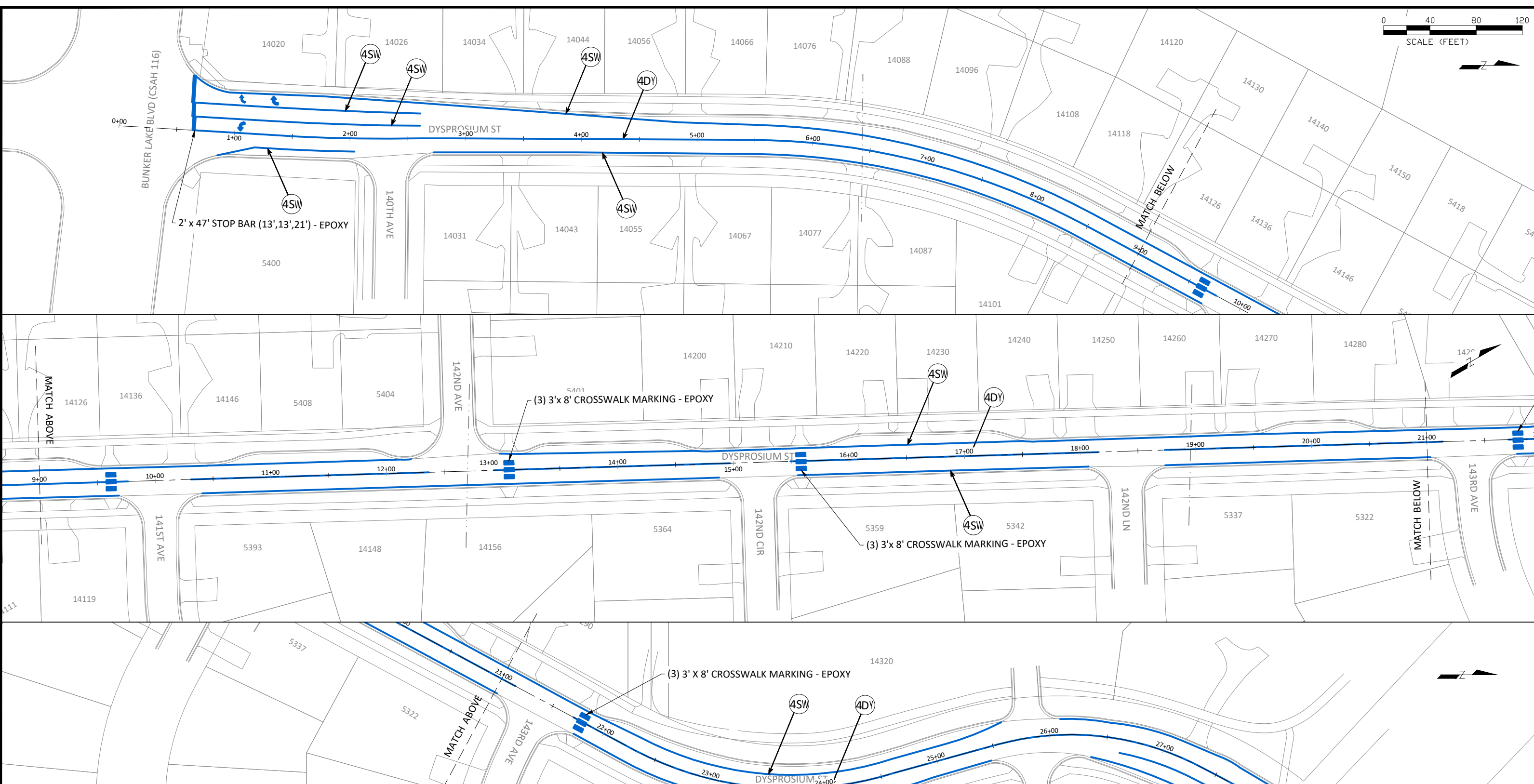
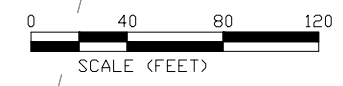


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22-13 - PAVEMENT MARKING ALPINE DR

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA

SHEET 13 OF 16 SHEETS



LEGEND

STRIPING KEY & LEGEND

	PAVEMENT MARKING		CROSSWALK MARKING		STOP BAR MARKING
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1ST DIGIT - WIDTH 4", 8", ETC.

2ND DIGIT - PATTERN S-SOLID B-BROKEN D-DOUBLE

3RD DIGIT - COLOR W-WHITE Y-YELLOW B-BLACK

EXAMPLE: = 4" SOLID WHITE - EPOXY

CIRCLE - EPOXY

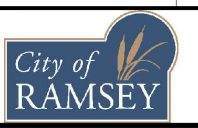
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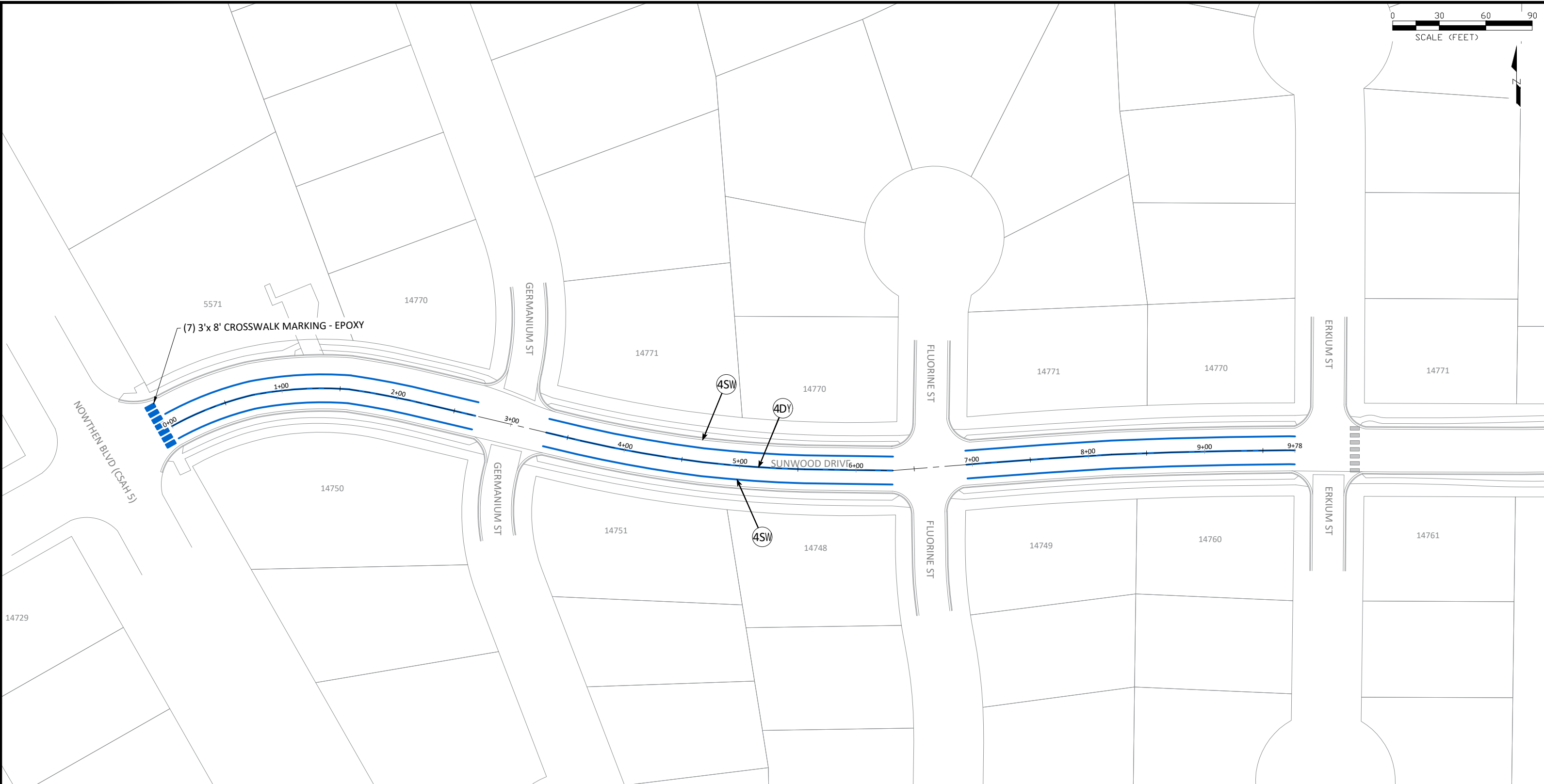
DATE: 08/11/22
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22-13 - PAVEMENT MARKING DYSPROSIUM ST

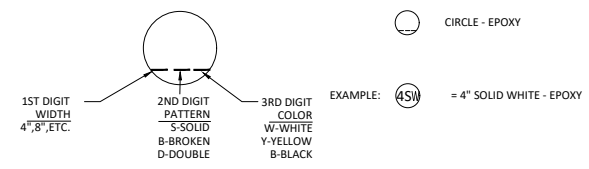
2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA



LEGEND

— PAVEMENT MARKING
 █ CROSSWALK MARKING

STRIPING KEY & LEGEND



○ CIRCLE - EPOXY

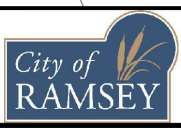
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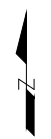
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22-13 - PAVEMENT MARKING SUNWOOD DR

2022 MSA PAVEMENT MARKING IMPROVEMENTS
 CITY PROJECT NO. 22-13
 CITY OF RAMSEY, MINNESOTA



7295

PERIDOT ST

7231

SUNWOOD DRIVE

0+00.00 0+50.00 1+00.00 1+50.00 2+00.00 L-2+03.18

4SW

4DY



7248

LEGEND

- PAVEMENT MARKING
- PAVEMENT MARKING REMOVAL
- STOP BAR REMOVAL
- TURN ARROW

STRIPING KEY & LEGEND

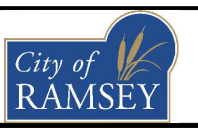
<p>1ST DIGIT WIDTH 4", 8", ETC.</p>	<p>2ND DIGIT PATTERN S-SOLID B-BROKEN D-DOUBLE</p>	<p>3RD DIGIT COLOR W-WHITE Y-YELLOW B-BLACK</p>	<p>EXAMPLE: = 4" SOLID WHITE - EPOXY</p>	<p> CIRCLE - EPOXY</p>
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DRAWN BY:	LWC
CHECKED BY:	JJF



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22-13 - PAVEMENT MARKING SUNWOOD TURN LANE

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