



CITY OF DULUTH

PURCHASING DIVISION

Room 100 City Hall

411 West First Street

Duluth, Minnesota 55802-1199

218/730-5340 218/730-5922 FAX

purchasing@duluthmn.gov

**Addendum # 1
Bid # 17-0383
Project No. 1599
4th Street Overlay Project**

This addendum serves to notify all bidders of the following changes to the solicitation documents:

The cross walk striping has changed from 12" solid line epoxy striping to 3'X6' rectangular block preformed thermoplastic ground in pavement markings. Replace the following sheets with the attached sheets with revision date 5-15-17.

Drawings

- 1) Replace existing sheets 2, 7, 23, 24, 26 with the attached sheets of the same number with Revision Date 5-15-17

Bidding Documents

- 1) Replace existing Attachment A to the Invitation to Bid with the Attached Attachment A (Revision Date 5-15-17)

Please acknowledge receipt of this Addendum by initialing and dating Addendum #1 below the bid form on the invitation for bids.

Posted Date 5-15-15.

EXHIBIT A
Schedule of Prices

Line No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
1	2021.501	MOBILIZATION	LUMP SUM	1		
2	2104.501	REMOVE CURB AND GUTTER	LIN FT	636		
3	2104.503	REMOVE CONCRETE WALK	SQ FT	4,575		
4	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	82		
5	2104.505	REMOVE CONCRETE PAVEMENT	SQ YD	57		
6	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	1,590		
7	2232.502	MILL CONCRETE SURFACE (2")	SQ YD	955		
8	2301.504	CONCRETE PAVEMENT 8"	SQ YD	82		
9	2355.502	BITUMINOUS MATERIAL FOR FOG SEAL	GAL	3,006		
10	2356.505	BITUMINOUS MATERIAL FOR SEAL COAT	GAL	8,266		
11	2356.506	BITUMINOUS SEAL COAT	SQ YD	25,047		
12	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	4,145		
13	2360.505	TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING	TON	100		
14	2503.511	12" RC PIPE SEWER CLASS III	LIN FT	21		
15	2504.602	PROTECT VALVE COVER	EACH	27		
16	2504.602	ADJUST VALVE BOX	EACH	27		
17	2504.602	CASTING SPACERS	EACH	54		
18	2506.502	CONST DRAINAGE STRUCTURE DESIGN G OR H	EACH	1		
19	2506.516	CASTING ASSEMBLY	EACH	2		
20	2506.602	PROTECT CASTING COVER	EACH	54		
21	2506.602	CONNECT INTO EXISTING CATCH BASIN	EACH	1		
22	2506.603	REPAIR DRAINAGE STRUCTURE	LIN FT	10		
23	2521.501	4" CONCRETE WALK	SQ FT	687		
24	2521.501	6" CONCRETE WALK	SQ FT	4,212		
25	2531.501	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	659		
26	2531.502	CONCRETE CURB DESIGN V6	LIN FT	196		

Initial

(Addendum No.1 5-15-17)

EXHIBIT A
Schedule of Prices

Line No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
27	2531.618	TRUNCATED DOMES	SQ FT	176		
28	2540.602	ADJUST MONUMENT BOX	EACH	2		
29	2545.602	ADJUST HANDHOLE	EACH	6		
30	2563.601	TRAFFIC CONTROL	LUMP SUM	1		
31	2564.602	SIGN POST SUPPORT	EACH	1		
32	2564.602	RELOCATE SIGN	EACH	1		
33	2573.531	STORM DRAIN INLET PROTECTION	LUMP SUM	1		
34	2575.555	TURF ESTABLISHMENT	LUMP SUM	1		
35	2580.603	INTERIM PAVEMENT MARKING	LIN FT	13500		
36	2582.501	PAVEMENT MESSAGE EPOXY	SQ FT	60		
37	2582.502	4" SOLID LINE EPOXY	LIN FT	175		
38	2582.502	12" SOLID LINE EPOXY	LIN FT	72		
39	2582.502	24" SOLID LINE EPOXY	LIN FT	314		
40	2582.502	4" DOUBLE SOLID LINE EPOXY	LIN FT	4365		
41	2582.503	CROSSWALK PREFORM THERMOPLASTIC GROUND IN	SQ FT	2196		

TOTAL _____

Initial

(Addendum No.1 5-15-17)

I:\PW\ENGINEER\PROJECTS\1500-1999-4th_St_Joint_Repair_&_Overlay\23-ACAD-DRAWINGS\1599_SEQ_AND_TABS.dwg

STATEMENT OF ESTIMATED QUANTITIES					S.P. 118-132-010
NOTE	TAB	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
		2021.501	MOBILIZATION	LUMP SUM	1
	A	2104.501	REMOVE CURB AND GUTTER	LIN FT	636
	A	2104.503	REMOVE CONCRETE WALK	SQ FT	4575
	A	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	82
	A	2104.505	REMOVE CONCRETE PAVEMENT	SQ YD	57
	A	2104.511	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	1590
	A	2232.502	MILL CONCRETE SURFACE (2")	SQ YD	955
1,2	E	2301.504	CONCRETE PAVEMENT 8"	SQ YD	82
13	B	2355.502	BITUMINOUS MATERIAL FOR FOG SEAL	GAL	3006
13	B	2356.505	BITUMINOUS MATERIAL FOR SEAL COAT	GAL	8266
13	B	2356.506	BITUMINOUS SEAL COAT	SQ YD	25047
13	B	2360.501	TYPE SP 9.5 WEARING COURSE MIX (3,B)	TON	4145
13,15		2360.505	TYPE SP 9.5 BITUMINOUS MIXTURE FOR PATCHING	TON	100
	C	2503.511	12" RC PIPE SEWER CLASS III	LIN FT	21
14	G	2504.602	PROTECT VALVE COVER	EACH	27
5	G	2504.602	ADJUST VALVE BOX	EACH	27
6	G	2504.602	CASTING SPACERS	EACH	54
	C	2506.502	CONST DRAINAGE STRUCTURE DESIGN G OR H	EACH	1
	C,D	2506.516	CASTING ASSEMBLY	EACH	2
14	G	2506.602	PROTECT CASTING COVER	EACH	54
	C	2506.602	CONNECT INTO EXISTING CATCH BASIN	EACH	1
14	C	2506.603	REPAIR DRAINAGE STRUCTURE	LIN FT	10
7,10	E	2521.501	4" CONCRETE WALK	SQ FT	687
7,10	E	2521.501	6" CONCRETE WALK	SQ FT	4212
4,10,12	E	2531.501	CONCRETE CURB & GUTTER DESIGN B624	LIN FT	659
10,12	E	2531.502	CONCRETE CURB DESIGN V6	LIN FT	196
	E	2531.618	TRUNCATED DOMES	SQ FT	176
8	G	2540.602	ADJUST MONUMENT BOX	EACH	2
9	G	2545.602	ADJUST HANDHOLE	EACH	6
		2563.601	TRAFFIC CONTROL	LUMP SUM	1

STATEMENT OF ESTIMATED QUANTITIES					S.P. 118-132-010
NOTE	TAB	SPEC. NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY
	F	2564.602	SIGN POST SUPPORT	EACH	1
	F	2564.602	RELOCATE SIGN	EACH	1
3		2573.531	STORM DRAIN INLET PROTECTION	LUMP SUM	1
10,12		2575.555	TURF ESTABLISHMENT	LUMP SUM	1
11		2580.603	INTERIM PAVEMENT MARKING	LIN FT	13500
	H	2582.501	PAVEMENT MESSAGE EPOXY	SQ FT	60
	H	2582.502	4" SOLID LINE EPOXY	LIN FT	175
	H	2582.502	12" SOLID LINE EPOXY	LIN FT	72
	H	2582.502	24" SOLID LINE EPOXY	LIN FT	314
	H	2582.502	4" DOUBLE SOLID LINE EPOXY	LIN FT	4365
	H	2582.503	CROSSWALK PREFORM THERMOPLASTIC GROUND IN	SQ FT	2196

NOTES:

- FURNISH, INSTALL, DRILL AND GROUT 18" #4 (EPOXY COATED) REBAR AT 18" O.C. INTO EXISTING CONCRETE PAVEMENT. (INCIDENTAL)
- CLASS 5 SHALL BE INCIDENTAL TO THIS BID ITEM.
- INSTALL AND MAINTAIN AT ALL STORM DRAINS WITHIN AFFECTED AREA.
- FURNISH, INSTALL, DRILL AND GROUT 18" #4 REBAR (EPOXY COATED) AT 18" O.C. INTO EXISTING PAVEMENT. FURNISH, INSTALL DRILL AND GROUT 2 12" #4 REBAR (EPOXY COATED) INTO EXISTING CURB AND GUTTER. (INCIDENTAL)
- 2.5" THICK PAVING RINGS SHALL BE USED
- MANHOLE ADJUSTMENT RINGS SHALL BE A 2.5" THICK. CATCH BASIN ADJUSTING RINGS SHALL BE 1.5" THICK.
- CLASS 5 UNDER WALK SHALL BE INCIDENTAL.
- PRIOR TO COMMENCING THIS WORK CONTACT NATHAN LAVINE WITH THE CITY OF DULUTH (218)348-8814. COORDINATE WORK WITH NATHAN LAVINE.
- CITY SHALL PROVIDE ROUND HANDHOLE COVERS TO REPLACE THE EXISTING SQUARE HANDHOLE COVERS. SALVAGE AND DELIVER SQUARE COVERS TO A LOCATION TO BE DESIGNATED BY THE CITY WITHIN CITY LIMITS. (INCIDENTAL)
- INCLUDES RESTORATION OF ALL DISTURBED TURF AREAS WITH 4" TOPSOIL, SEED, FERTILIZER AND MULCH.
- SHALL BE PLACED AFTER CHIP SEAL AND BOTH BITUMINOUS LIFTS.
- BACKFILLING BEHIND CURB AND GUTTER SHALL BE INCIDENTAL TO THIS BID ITEM.
- SEE PAGE 4 TABS FOR SEAL COAT NOTES AND BASIS FOR QUANTITIES OF SEAL COAT AND BITUMINOUS MATERIAL
- CONTRACTOR TO FIELD VERIFY
- PLACED AT THE DIRECTION OF THE ENGINEER TO FILL VOIDS, CRACKS OR LOW SPOTS PRIOR TO CHIP SEAL.

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.

SIGNATURE: Duncan C. Schwensohn

DUNCAN SCHWENSOHN
TYPE NAME

DATE: 5/2/17

LIC. NO.: 45486



CITY OF DULUTH
ENGINEERING DIVISION
411 W. 1ST ST. STE. 211
DULUTH, MN 55802

REVISED 5-15-17

4TH STREET

CITY PROJECT NO.: 1599

STATE AID PROJECT NO.: 118-132-010

DRAWN BY: SCA

SEQ

SHEET NO. 2 OF 26

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G	HANDHOLES, MANHOLES AND VALVES							
STATION	LT/RT	ADJUST VALVE BOX	CASTING SPACERS	PROTECT VALVE COVER	PROTECT CASTING COVER	ADJUST MONUMENT BOX	ADJUST HANDHOLE	REMARKS
		2504	2504	2504	2506	2540	2565	
		EACH	EACH	EACH	EACH	EACH	EACH	
4TH AVE E								
50+19.5	28.7', LT						1	HH
50+32.1	15.7', RT		1		1			SANITARY
50+44.4	26.8', RT		1		1			STORM
50+44.6	5.2', RT		1		1			STORM
50+49.6	14.3', LT		1		1			SANITARY
50+77.6	17.6', RT		1		1			CB - SQUARE
50+87.7	21.1', LT		1		1			CB - SQUARE
5TH AVE E								
54+77.8	22.9', RT	1		1				VW
54+85.7	18.5', RT	1		1				VW
54+88.9	28.5', RT						1	HH
55+17.2	13.5', LT		1		1			SANITARY
55+26.2	35.5', RT	1		1				VW
55+35.6	39.4', LT		1		1			CB - SQUARE
55+41.8	37.3', LT						1	HH
55+46.5	15.1', RT		1		1			STORM
55+48.4	28.3', RT						1	HH
55+90.1	4.0', RT	1		1				VW
6TH AVE E								
59+33.7	15.7', RT		1		1			STORM
59+34.6	21.2', RT		1		1			CB - SQUARE
59+35.6	21.1', LT		1		1			CB - SQUARE
59+38.8	29.7', RT						1	HH
59+55.3	38.8', LT						1	HH
TOTAL		27	54	27	54	2	6	

H	PAVEMENT MARKINGS						
STATION	PAVEMENT MESSAGE EPOXY	4" SOLID LINE EPOXY	12" SOLID LINE EPOXY	24" SOLID LINE EPOXY	4" DOUBLE SOLID LINE EPOXY	CROSSWALK PREFORM THERMOPLASTIC GROUND IN	REMARKS
	2582	2582	2582	2582	2582	2582	
	SQ FT	LIN FT	LIN FT	LIN FT	LIN FT	SQ FT	
MESABI AVE							
10+75 (BOP)					195		
4TH AVE W							
13+13				47	395	540	
3RD AVE W							
17+80					395		
2ND AVE W							
22+47				71	402	468	
1ST AVE W							
27+14							
LAKE AVE							
31+81				81	401	504	
1ST AVE E							
36+49					397		
2ND AVE E							
41+16					405		
3RD AVE E							
45+83					409		
4TH AVE E							
50+50	30	100	72		573		
5TH AVE E							
55+17				87	398	540	
6TH AVE E							
59+60 (EOP)	30	75		28	395	144	
TOTAL	60	175	72	314	4365	2196	

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DUNCAN SCHWENSOHN
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CITY OF DULUTH
ENGINEERING DIVISION
411 W. 1ST ST. STE. 211
DULUTH, MN 55802

REVISED 5-15-17

4TH STREET

CITY PROJECT NO.: 1599

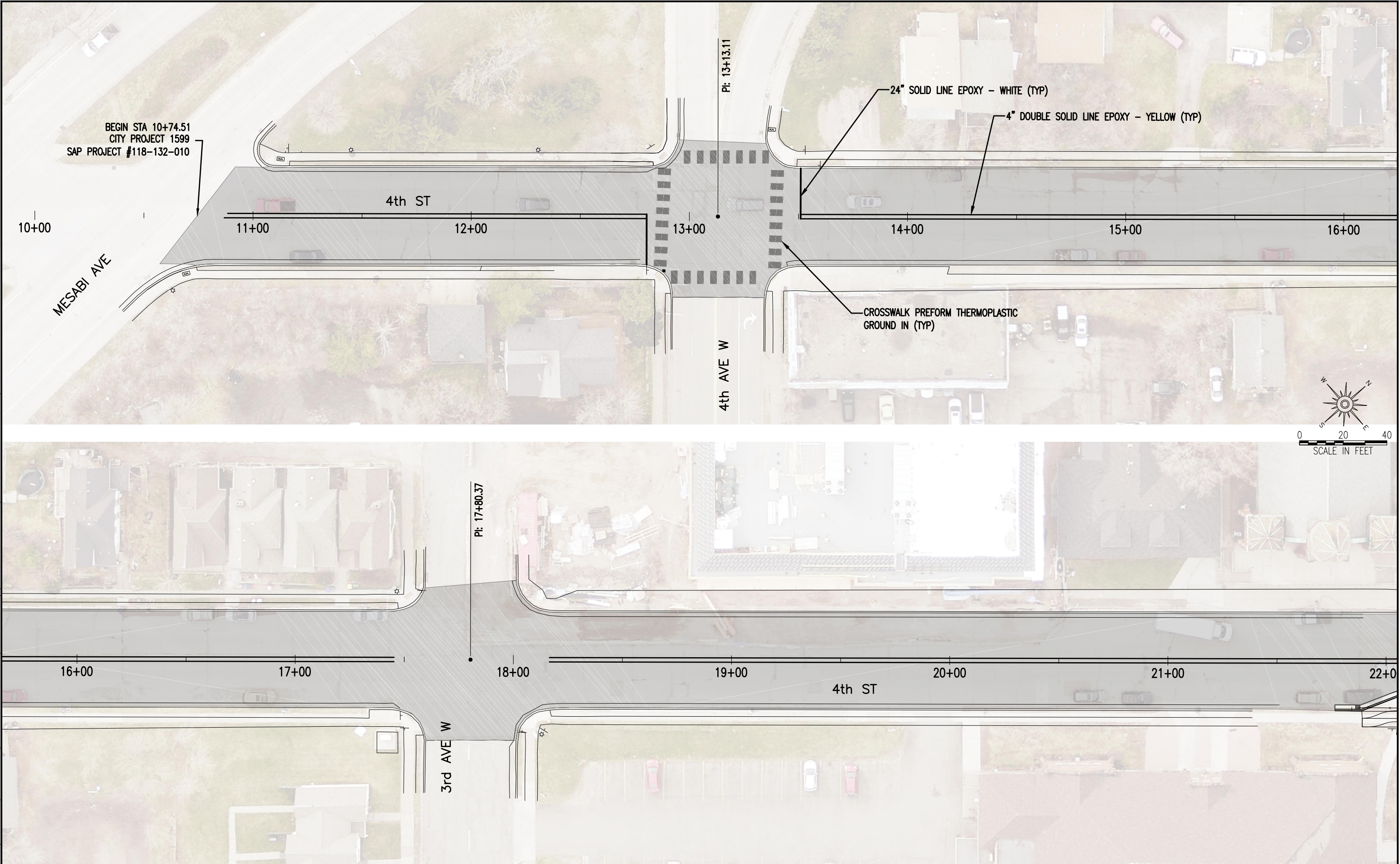
STATE AID PROJECT NO.: 118-132-010

DRAWN BY: SCA

TABS

SHEET NO. 7 OF 26

I:\PW\ENGINEER\PROJECTS\1500-1999-1599-4th St Joint Repair & Overlay\23-ACAD-DRAWINGS\1599_PAVEMENT MARK.dwg



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.

SIGNATURE: Duncan C. Schwensohn

DUNCAN SCHWENSOHN
TYPE NAME

DATE: 5/2/17
LIC. NO.: 45486



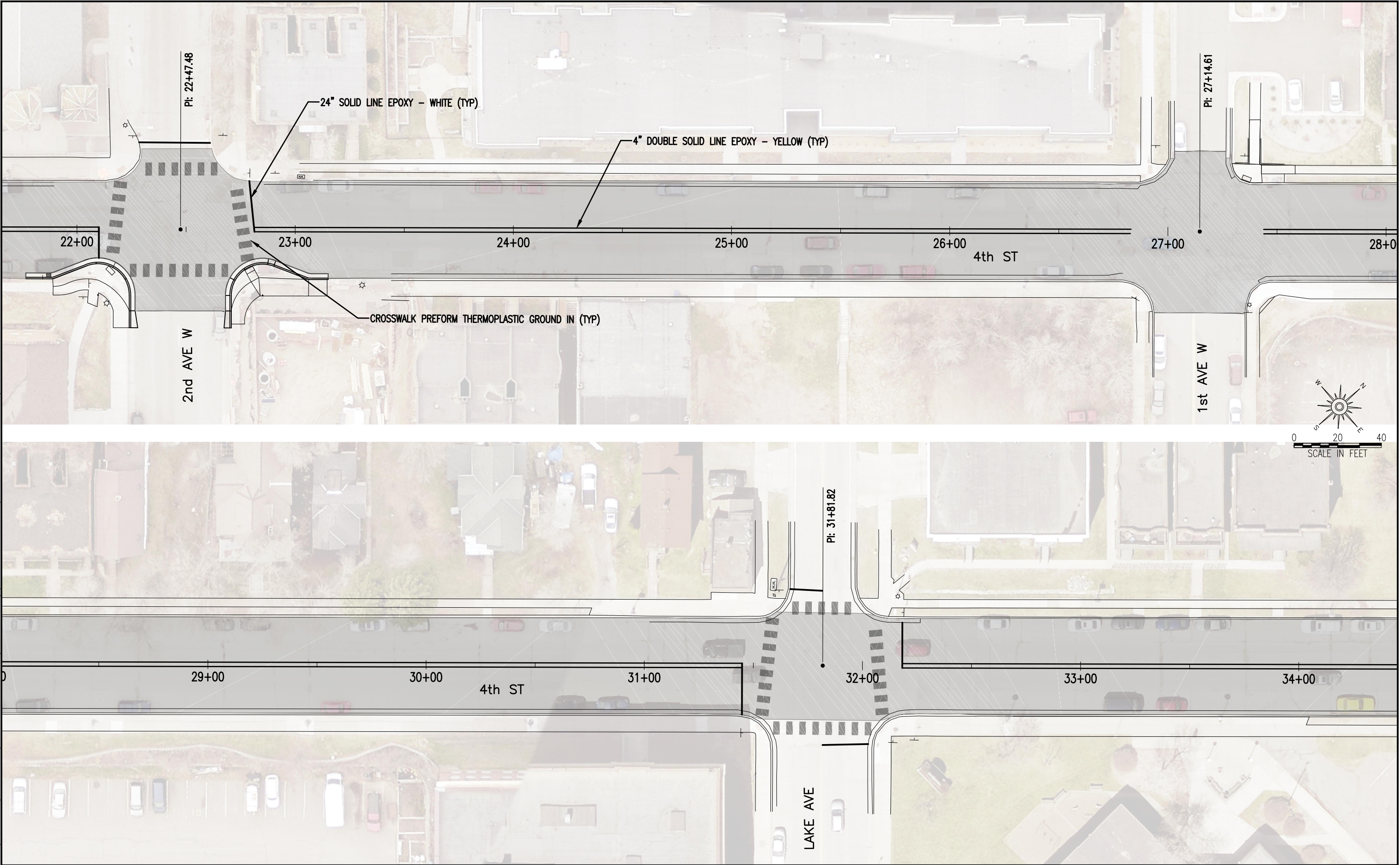
CITY OF DULUTH
ENGINEERING DIVISION
411 W. 1ST ST. STE. 211
DULUTH, MN 55802

REVISED 5-15-17

4TH STREET

CITY PROJECT NO.: 1599		STATE AID PROJECT NO.: 118-132-010		DRAWN BY: SCA	
				PAVEMENT MARKINGS	
				SHEET NO. 23 OF 26	

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CITY OF DULUTH
ENGINEERING DIVISION
411 W. 1ST ST. STE. 211
DULUTH, MN 55802

REVISED 5-15-17

4TH STREET

CITY PROJECT NO.: 1599

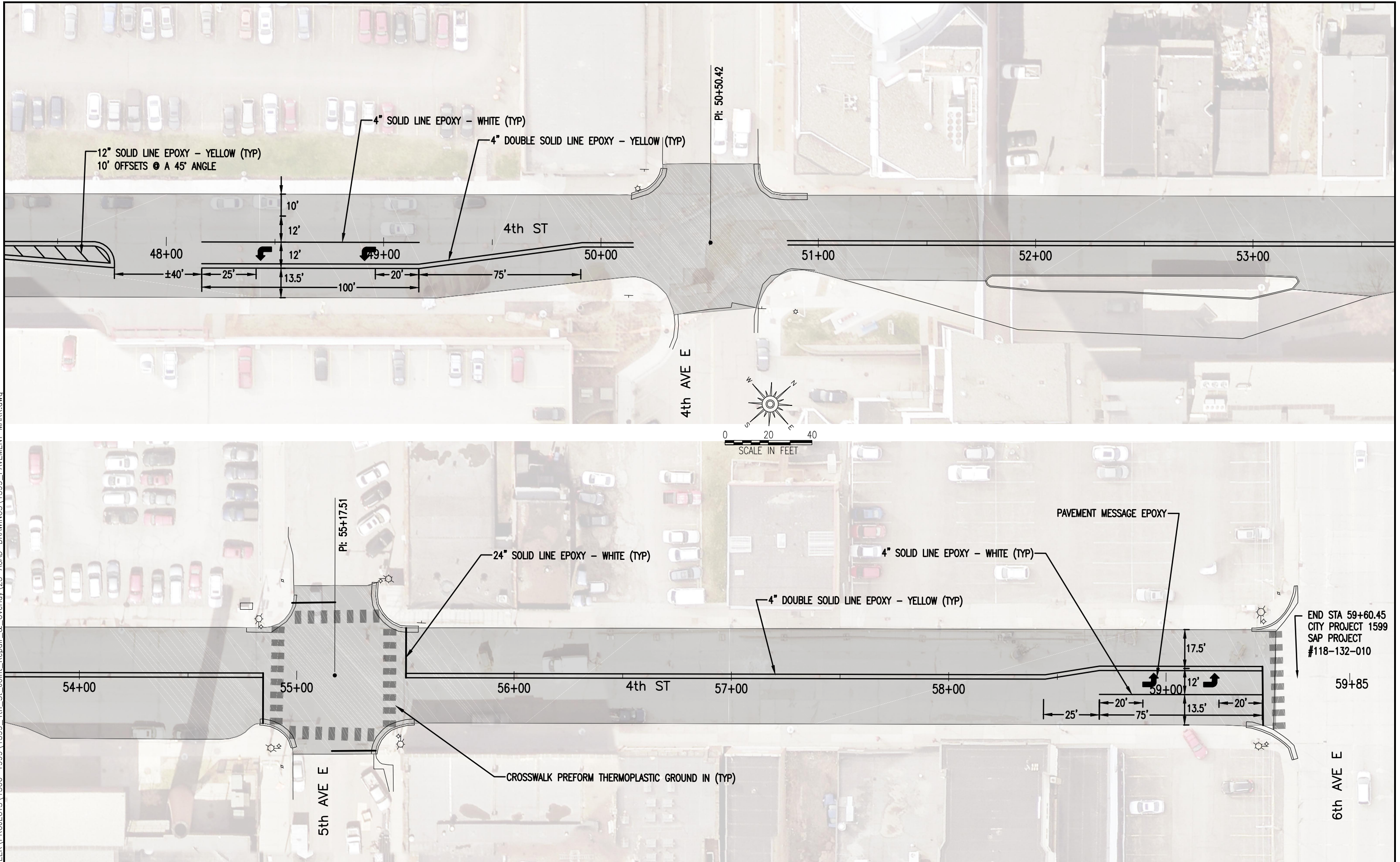
STATE AID PROJECT NO.: 118-132-010

DRAWN BY: SCA

PAVEMENT MARKINGS

SHEET NO. 24 OF 26

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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.

SIGNATURE: Duncan C. Schwensohn

DUNCAN SCHWENSOHN
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DATE: 5/2/17

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CITY OF DULUTH
ENGINEERING DIVISION
411 W. 1ST ST. STE. 211
DULUTH, MN 55802

REVISED 5-15-17

4TH STREET

CITY PROJECT NO.: 1599

STATE AID PROJECT NO.: 118-132-010

DRAWN BY: SCA

PAVEMENT MARKINGS

SHEET NO. 26 OF 26