Purchasing Division
Finance Department

Room 120
411 West First Street
Duluth, Minnesota 55802

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Addendum No. 1
Solicitation 25-99833
Chambersburg Water Main Replacement

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

SPECIAL PROVISIONS

1. **REPLACE** the following Paragraph SP-19.3 with the following:
    a. Pipe Bursting Installation: This project specifies installation methods as pipe bursting. Preferred pipe bursting installation pits have been identified on the plans, as well as every location where excavation will be required for reconnecting services. One electrofusion coupler will be allowed for final pipe reconnection per pit, in only the pipe bursting and access pits identified in the construction plans. Regardless of the quantity of access pits required by the Contractor to install the water main, all excavation necessary shall be incidental, including if the contractor chooses to investigate or remove previous pipe repairs.
2. **ADD** the following Paragraph SP-20 (2504) Temporary Water Service:
    a. The Contractor is responsible to provide any temporary pressure reduction devices necessary if temporary water connections are to be made through outside hose spigots. Water pressure along Chambersburg Avenue will range from 70 to 100 PSI, and water supplied to customers through hose spigots shall be regulated to 75 PSI or less.
3. **ADD** the following Paragraph SP-21 (2563) Temporary Traffic Management:
    a. Contractors should assume that traffic on Chambersburg Avenue can self -regulate, and therefore meet the conditions of Note 3 in the specified traffic layout No. 4 which will omit the requirements for a flagger on this project. As needed the Contractor shall provide a flagger when equipment is intermittently blocking the usable traffic lane.

PLANS

1. **REPLACE** Plan Sheet 2, Plan Sheet 3 and Plan Sheet 9 with the revised attached plan sheets dated 12-22-2025

The following questions were asked and the answers will follow in bolded italics:

1. Can you confirm if each existing service is copper, per detail on page5?
    a. ***All existing services are believed to be copper.***
2. Will Alpha joint hydrants and valves be allowed on this project or mechanical joints and adaptors?
    a. ***Yes, per details on plan Sheets 4 and 6.***
3. Are the two hydrants on page 9 to be replaced or salvaged and reinstalled?
    a. ***These hydrants will not be disturbed by this project. The leaders pointing to the new butt fuse locations on the plan view of Sheet 9 were incorrect. A revised plan sheet is attached to this Addendum.***
4. Does the existing air release valve on page 11 need to be replaced with an 8” option? If so, please provide specifications and detail.

    a. ***The existing air valve will not be replaced or reconnected.***
5. Will A.Y. McDonald Ranger fittings be allowed for HDPE to CU transitions?
    a. ***No, transitions shall use the approved products listed in the Standard Construction Specifications.***
6. Will City provide pressure reducing valves for the temporary water system?
    a. ***No, refer to the special provision addendum additions.***
7. Are plumbing permits necessary for the reconnections?
    a. ***No***
8. Is a flagger required for the traffic control requirements?
    a. ***No, refer to the addition information added to the special provisions in this addendum.***

Please acknowledge receipt of this Addendum by checking the acknowledgement box within the www.bidexpress.com solicitation.

Posted: **December 22, 2025**

12/22/2025 11:50 AM
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STATEMENT OF ESTIMATED QUANTITIES 1

LINE	NOTES	CHART	SHEET	SPEC. NO	DESCRIPTION	UNIT	PROJECT TOTAL ESTIMATED QUANTITY
1				2021.501	MOBILIZATION	LS	1
2		A	3	2104.502	REMOVE GATE VALVE AND BOX	EACH	1
3		A	3	2104.502	REMOVE HYDRANT	EACH	1
4		A	3	2104.502	REMOVE CURB STOP AND BOX	EACH	13
5		A	3	2104.503	REMOVE WATER SEVICE PIPE	LIN FT	130
6		A	3	2104.503	REMOVE WATER MAIN	LIN FT	140
7		A	3	2104.503	REMOVE GAS MAIN (ABANDONED)	LIN FT	140
8	2 & 7	B	3	2104.503	REMOVE CURB & GUTTER	LIN FT	40
9	1 & 2	B	3	2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	50
10	2	B	3	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	11
11		A	3	2104.603	ABANDON WATER MAIN	LUMP SUM	1
12		C	3	2211.509	AGGREGATE BASE CLASS 5 (CV)	CU YD	112
13	5			2451.507	GRANULAR BACKFILL (LV)	CU YD	30
14				2504.601	TEMPORARY WATER SERVICE	LUMP SUM	1
15		C	3	2504.602	8" X 1" DIPS TAPPING TEE W ELECTROFUSION SADDLE	EACH	12
16		C	3	2504.602	8" X 1.25" DIPS TAPPING TEE W ELECTROFUSION SADDLE	EACH	1
17		C	3	2504.602	8" X 1" ELECTROFUSIONTRANSITION SERVICE SADDLE	EACH	10
18		C	3	2504.602	8" X 1.25" ELECTROFUSIONTRANSITION SERVICE SADDLE	EACH	3
19		C	3	2504.602	1" CURB STOP AND BOX	EACH	12
20		C	3	2504.602	1.25" CURB STOP AND BOX	EACH	1
21	6	C	3	2504.602	RECONNECT WATER SERVICE	EACH	26
22		C & D	3	2504.602	(WATER) TRACER BOX	EACH	18
23		D	3	2504.602	HYDRANT ASSEMBLY	EACH	2
24		D	3	2504.602	ADJUST VALVE BOX	EACH	2
25	3	D	3	2504.602	CONNECT TO EXISTING WATER VALVE	EACH	3
26		C	3	2504.603	1" HDPE SDR 9 SERVICE PIPE	LIN FT	144
27		C	3	2504.603	1.25" HDPE SDR 9 SERVICE PIPE	LIN FT	12
28		D	3	2504.603	8" DIPS HDPE WATER MAIN SDR11 (PIPE BURST 6" TO 8")	LIN FT	1910
29	4			2563.601	TRAFFIC CONTROL	LUMP SUM	1
30				2573.501	STORM DRAIN INLET PROTECTION	EACH	2
31				2573.503	SEDIMAENT CONTROL LOG TYPE STRAW	LIN FT	300
32	8			2573.503	SILT FENCE, TYPE HI	LIN FT	120
33	8			2575.504	RAPID STABILIZATION METHOD 4	SQ YD	30
34				2575.605	TURF ESTABLISHMENT	LUMP SUM	1

NOTES:
1. BITUMINOUS THICKNESS VARIES FROM 2" TO 4".
2. ASPHALT PAVEMENT, CONCRETE PAVEMENT, AND CURB & GUTTER RESTORATION TO BE DONE BY OTHERS.
3. INCLUDES BUT NOT LIMITED TO ALL LABOR, EQUIPMENT AND MATERIALS FOR LOCATING EXISTING WATER AND FURNISHING AND INSTALLING THE PROPER FITTINGS, ADAPTERS OR TRANSITION COUPLINGS TO MAKE A COMPLETE CONNECTION.
4. INCLUDES ALL NECESSARY TRAFFIC CONTROL SIGNS, DEVICES AND FLAG PERSON(S) WHETHER PLANNED OR UNFORESEEN REQUIRED AS WORK PROGRESSES.
5. GRANULAR BACKFILL AND DISPOSAL OF EXCESS UNSUITABLE EXCAVATED MATERIAL ASSOCIATED WITH ENTRANCE/EXIT PITS AND WATER SERVICE RECONNECTIONS ARE INCLUDED IN THIS ITEM. THIS PAY ITEM TO ALSO BE USED FOR GRANULAR BORROW COMPENSATION WHERE INSTALLED AS ROAD SUB-BASE.
6. PAID ITEM INCLUDES RECONNECTIONS AT TAP TEE OR AT THE CURB STOP.
7. SAW CUTTING CURB& GUTTER AND BITUMINOUS PAVEMENT WITHIN ANDERSON RD SHALL BE INCIDENTAL.
8. ITEMS FOR AREAS BY MILLER CREEK

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: Howard Smith, P.E. DATE: 12/22/2025

HOWARD SMITH, P.E. LIC. NO: 46875
TYPE NAME

CITY OF DULUTH
ENGINEERING DIVISION
411 W. 1ST ST. STE. 240
DULUTH, MN 55802

CHAMBERSBURG AVE WATER MAIN

DRAWN BY: JAI

STATEMENT OF ESTIMATED QUANTITIES

CITY PROJECT NO.: 1738 | STATE AID PROJECT NO.: N/A | SHEET NO. 2 OF 17

12/22/2025 11:50 AM

A — WATER REMOVALS

STA	STA	2104.502			2104.503			2104.603
		REMOVE GATE VALVE AND BOX	REMOVE HYDRANT	REMOVE CURB STOP AND BOX	REMOVE WATER SERVICE PIPE	REMOVE WATER MAIN	REMOVE GAS MAIN (ABANDONED)	ABANDON WATER MAIN
		EACH	EACH	EACH	LIN FT	LIN FT	LIN FT	LUMP SUM
0+04	0+24					20	20	
0+70				1	10			
1+80				1	10			
2+50				1	10			
3+31				1	10			
5+90	6+10					20	20	
7+20	7+40					20	20	
8+89	9+09					20	20	
11+44				1	10			
11+95				1	10			
12+79				1	10			
12+69	12+89					20	20	
13+91				1	10			
15+16				1	10			
16+35	16+55					20	20	
16+95				1	10			
17+02				1	10			
17+73				1	10			
18-97				1	10			
20+35	20+55					20	20	
20+46	21+00							1
21+00		1	1					
TOTALS:		**1**	**1**	**13**	**130**	**140**	**140**	**1**

B — ROAD REMOVALS

STA	STA	LT/RT	2104.504		2104.503
			REMOVE BITUMINOUS PAVEMENT	REMOVE CONCRETE PAVEMENT	REMOVE CURB & GUTTER
			SQ YD	SQ YD	LIN FT
0+00	0+40	RT	30	11	40
5+82	6+02	RT	5		
7+22	7+42	RT	5		
8+78	8+98	RT	5		
16+34	16+54	RT	5		
TOTALS:			**50**	**11**	**40**

C — WATER SERVICES

STATION	LT/RT	ADDRESS	2211.509	2504.602								2504.603	
			AGGREGATE BASE CLASS 5 (CV)	8" X 1" DIPS TAPPING TEE W ELECTRO FUSION SADDLE	8" X 1" ELECTRO-FUSION TRANSITION SERVICE SADDLE	8" X 1.25" ELECTRO-FUSION TRANSITION SERVICE SADDLE	8" X 1.25" DIPS TAPPING TEE W ELECTOFUSION SADDLE	1.25" CURB STOP AND BOX	1" CURB STOP AND BOX	RECONNECT WATER SERVICE	(WATER) TRACER BOX	1.25" HDPE SDR 9 SERVICE PIPE	1" HDPE SDR 9 SERVICE PIPE
			CU YD	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN FT	LIN FT
0+70	RT	3802 Chambersburg Avenue	2	1					1	1	1		12
1+80	RT	3810 Chambersburg Avenue	2	1					1	1	1		12
2+42	LT	3819 Chambersburg Avenue	2		1					1			
2+50	RT	3824 Chambersburg Avenue	2	1					1	1	1		12
3+31	RT	3830 Chambersburg Avenue	2	1					1	1	1		12
3+45	LT	3827 Chambersburg Avenue	2		1					1			
4+13	LT	3901 Chambersburg Avenue	2		1					1			
5+87	LT	3911 Chambersburg Avenue	2		1					1			
8+63	LT	3919 Chambersburg Avenue	2		1					1			
9+12	LT	4001 Chambersburg Avenue	2		1					1			
11+44	RT	4016 Chambersburg Avenue	2	1					1	1	1		12
11+54	LT	4015 Chambersburg Avenue	2		1					1			
11+95	RT	4020 Chambersburg Avenue	2	1					1	1	1		12
12+15	LT	4019 Chambersburg Avenue	2		1					1			
12+79	RT	4110 Chambersburg Avenue	2	1					1	1	1		12
13+91	RT	4114 Chambersburg Avenue	2	1					1	1	1		12
14+27	LT	4115 Chambersburg Avenue	2		1					1			
15+16	RT	4200 Chambersburg Avenue	2	1					1	1	1		12
15+29	LT	4201 Chambersburg Avenue	2			1				1			
16+95	RT	4202 Chambersburg Avenue	2	1					1	1	1		12
16+53	LT	4203 Chambersburg Avenue	2			1				1			
17+02	RT	4204 Chambersburg Avenue	2	1					1	1	1		12
17+24	LT	4211 Chambersburg Avenue	2		1					1			
17+73	RT	4206 Chambersburg Avenue	2				1	1		1	1	12	
17+76	LT	4213 Chambersburg Avenue	2			1				1			
18-97	RT	4210 Chambersburg Avenue	2	1					1	1	1		12
TOTALS:			**52**	**12**	**10**	**3**	**1**	**1**	**12**	**26**	**13**	**12**	**144**

D — WATER

STA	STA	2211.507	2504.602				2504.603
		AGGREGATE BASE CLASS 5 (CV)	HYDRANT ASSEMBLY	CONNECT TO EXISTING WATER VALVE	WATER TRACER BOX	ADJUST VALVE BOX	8" DIPS HDPE WATER MAIN SDR 11 (PIPE BURST 6" TO 8")
		CU YD	EACH	EACH	EACH	EACH	LIN FT
0+04	5+95	10					591
0+04		10		1	1		
5+95		10		1	1	1	
7+30		10		1	1	1	
12+71		10	1		1		
20+46		10	1		1		
7+30	20+49						1319
TOTALS:		**60**	**2**	**3**	**5**	**2**	**1910**

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: Howard Smith, P.E. HOWARD SMITH, P.E. (TYPE NAME) DATE: 12/22/2025 LIC. NO: 46875

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411 W. 1ST ST. STE. 240
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CHAMBERSBURG AVE WATER MAIN

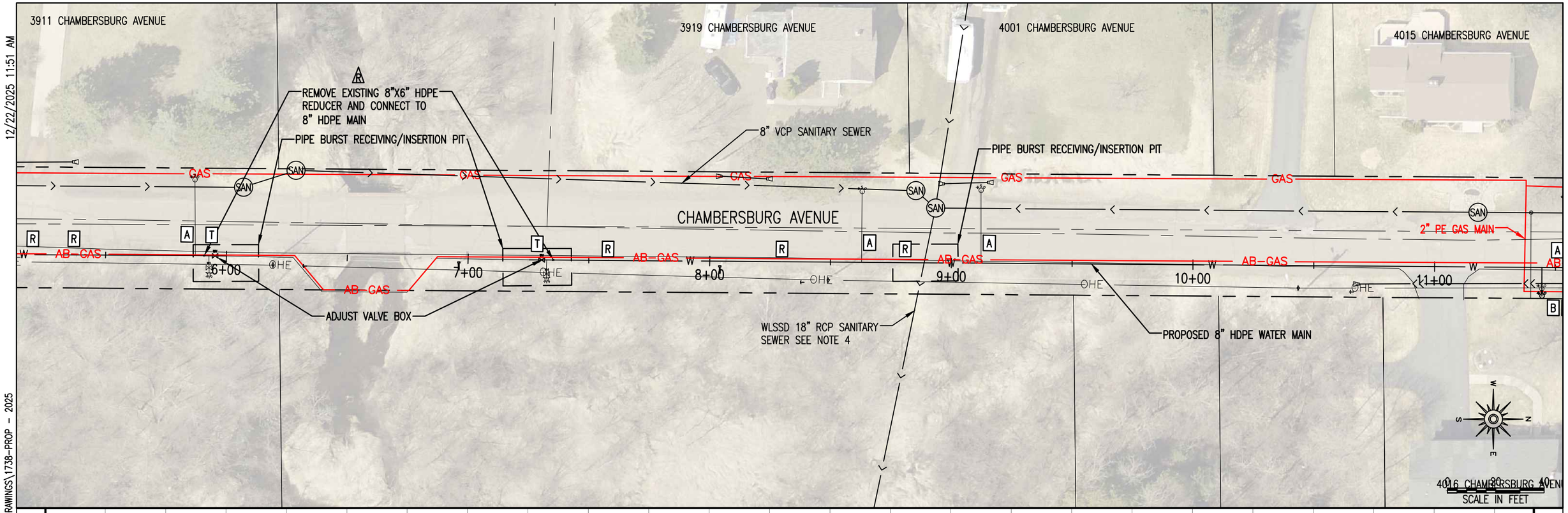
CITY PROJECT NO.: 1738 | STATE AID PROJECT NO.: N/A

DRAWN BY: JAI

TABULATIONS

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NOTES:

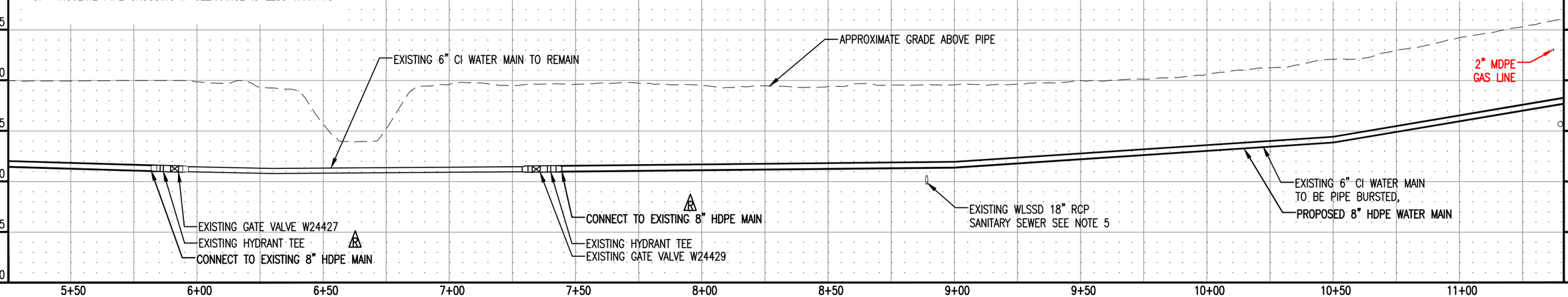
1. SANITARY SEWER LATERAL ELEVATIONS SHOWN IN PROFILE ARE ASSUMED.
2. REMOVE EXISTING 6" C.I. WATER MAIN AND ABANDONED GAS WHERE EVER OPEN TRENCH INSTALLATION OCCURS.
3. IF ABANDONED GAS CARRIES WATER, LEAVE IN PLACE AND DIVERT IT INTO EXISTING STORM.
4. PIPE BURST PIT AT CROSSING TO PREVENT DAMGE.
5. INSULATE PIPE CROSSING IF CLEARANCE IS LESS THAN 18"

[A] CONSTRUCT ELECTRO-FUSION TRANSITION SERVICE SADDLE, CORPORATION STOP, AND RECONNECT WATER SERVICE.

[B] CONSTRUCT ELECTRO-FUSION TAPPING TEE, 1" HDPE SDR 9 SERVICE PIPE, 1" CURB STOP, AND RECONNECT SERVICE.

[T] INSTALL TRACER BOX

[R] RECORD OF PREVIOUS WATER MAIN REPAIR N THIS AREA. MAY HAVE STAINLESS REPAIR CLAMPS OR STEEL COUPLINGS ON EXISTING WATER MAIN.



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SIGNATURE: _____ P.E.

HOWARD SMITH, P.E.
TYPE NAME

DATE: 12/22/2025

LIC. NO: 46875

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DULUTH, MN 55802

CHAMBERSBURG AVE WATER MAIN

CITY PROJECT NO.: 1738

STATE AID PROJECT NO.: N/A

DRAWN BY: JAI

WATER PLAN AND PROFILE

SHEET NO. 9 OF 17