

ADDENDUM #1
8" Gas Main Replacement on 1st Street From Mesaba Avenue to 15th Avenue West
City of Duluth
Bid No. 13-0121
Bid Opening: 2:00 P.M. February 27, 2013

NOTICE TO ALL BIDDERS:

The addendum is issued to modify, explain or correct the original drawings, specification and/or previous addendums and is hereby made a part of the Contract Documents. Please attach this Addendum to the specifications in your possession and note receipt of this Addendum on page 2 of the Request for Bid. The bid date remains unchanged.

The above entitled contract documents are hereby revised as follows:

CLARIFICATION: The following list is being issued because some of the specification books were assembled and distributed with pages out of order. The specification book was printed double sided with the standard convention of front pages being odd numbered and the back side of pages being even numbered. Please use this list to confirm your copy of the specification contains all the pages below, which are listed in the proper order. If your copy of the specification appears to be missing pages please contact the Engineering Department and a replacement copy of the specification will be supplied.

Cover Page	1	Blank	46
Blank	2	MNOPS Drug and Alcohol Self-Assessment...	47 – 49
Invitation to Bid	3	Blank	50
Blank	4	Operator Qualifications List	51 – 52
Purchasing Division General Specifications	5	Request for Bid (page 1)	53
Sealed Bid Envelope Sticker	6	Blank	54
Affidavit and Information Required of Bidders	7	Request for Bid (page 2)	55
Blank	8	Blank	56
EEO Affirmative Action Policy.....	9 – 10	Request for Bid (page 3)	57
Specifications Signature Page	11	Blank	58
Special Provisions (including T.O.C.)	12 – 22	Request for Bid (page 4)	59
Instructions to Bidders	23 – 26	Blank	60
Certified Payroll Checklist	27 – 29	Exhibit A	61
Data For labor Cost Bidding	30	Blank	62
US DOL Federal Heavy Wage Rates	31 – 36	Appendix A Title Page	63
US DOL Federal Highway Wage Rates	37 – 41	Blank	64
Blank	42	Project Labor Agreement	65 - 76
Indemnification & Insurance Requirements	43 – 45	End of Specification	-

SPECIFICATION

REPLACE the original Request for Bid Form and Exhibit A with the revised Request for Bid Form and Exhibit A included with this Addendum.

CLARIFICATION: Testing requirements for utility backfill and embedment compaction, and road base and sub base layer compaction are as stated in the City of Duluth, Minnesota Construction Standards 2013.

SPECIAL PROVISIONS

ADD the following Special Provision SP-13.3:

"SP-13.3 The City of Duluth will perform before and after televised inspections of the sewer mains in locations where rock removal by blasting will occur. "

DELETE AND REPLACE SP-19, SP-19.1, and SP-19.2 with the following:

"SP-19 **INSERTION CASING PROCEDURES**

Prior to inserting the 12" P.E. pipe, the Contractor is required to pull a 10' long test segment of 12" P.E. to verify the existing 16" casing will pass the new P.E. pipe without notable exterior damage. Acceptance of the test will be at the discretion of the Engineer. If the pipe contains exterior damage and is considered a failure, the Contractor shall perform a second pull test. Payment for this test shall be incidental to the 12" PE Gas Main Installed by Insertion bid item.

SP-19.1 The Contractor shall perform the pressure test as specified in the Standard Construction Specifications on the 12" PE pipe after it is inserted in the casing. The post-insertion pressure test is required to confirm the integrity of the pipe after the insertion process.

SP-19.2 The Contractor shall install at least five feet of 12" PE beyond each end of the casing before the 8"x12" reducer fitting. Payment for any 12" PE main outside the casing will be made with the Furnish & Install 12" PE Has main Installed by Insertion bid item. "

ADD the following Special Provision SP-19.4:

"SP-19.4 The Contractor shall install two stainless steel direction drill tracer wires within the insertion casing for redundancy. City Crews may elect to bond the tracer wire to the casing. The redundant wire shall be incidental to the pipe. "

PLANS

SHEET 6 OF 20

REPLACE the original Connection Procedure Details Sheet 6 with the revised Connection Procedure Details Sheet 6 included with this Addendum.

SHEET 9 OF 20

ADD approximately 60 LF of Heavy Duty Silt Fence as erosion and sediment control for inlet protection of the 1st Street crossing of Buckingham Creek. **NOTE** that the location of Buckingham Creek inlet is approximately 25 feet east of 12th Avenue West and it is not identified on the plan or profile. The creek's tunnel structure should be sufficiently deep to not interfere with installation of the gas main. The Buckingham Creek location is identified on Sheet 5 of the plans.

SHEET 11 OF 20

REPLACE Note 4 with the following:

"4. CLEAR AND GRUB TREES, BRUSH, AND VEGETATION AS NEEDED."

SHEET 15 OF 20

CHANGE Connection Procedure No. 1 step "W" to read as follows:

"CONTRACTOR TO COORDINATE WITH PUBLIC WORKS AND UTILITIES FOR REMOVAL OF SQUEEZE EQUIPMENT AFTER CONNECTIONS ARE MADE"

SHEET 16 OF 20

REPLACE the original Connection Procedure Details Sheet 16 with the revised Connection Procedure Details Sheet 16 included with this Addendum.

SHEET 19 OF 20

REPLACE the original Connection Procedure Details Sheet 19 with the revised Connection Procedure Details Sheet 19 included with this Addendum.

END OF ADDENDUM



REQUEST FOR BID

DATE 2/1/2013

BID # 13-0121

RETURN BY BID OPENING TIME TO:

PURCHASING DIVISION
100 CITY HALL
Duluth, MN 55802
Dennis Sears
PHONE: 218-730-5340
FAX: 218-730-5921

8" GAS MAIN REPLACEMENT ON FIRST STREET FROM MESABA AVENUE TO 15TH AVENUNE WEST

BID OPENING AT 2:00 PM on WEDNESDAY, FEBRUARY 27, 2013

Note: all bids must be written, signed and transmitted in a sealed envelope, plainly marked with the bid number, subject matter and opening date. The City of Duluth reserves the right to split award where there is a substantial savings to the City, waive informalities and to reject any and all bids. Bidder should state in proposal if bid price is based on acceptance of total order. Sales tax is not to be included in the unit price. Bidder to state freight charges if the proposal F.O.B. is shipping point, freight not allowed. Low bid will not be the only consideration for award of bid. All pages shall be signed or initialed by authorized bidder's representative as indicated at the bottom of the page(s) of the request for bid form.

RETURN BID IN DUPLICATE WITH DUPLICATE DESCRIPTIVE LITERATURE FOR BID RESULTS, ENCLOSE A SELF-ADDRESSED, STAMPED ENVELOPE WITH BID

BID DEPOSIT REQUIREMENTS: 5% OF BID AMOUNT

Deposit shall mean cash, cashier's check or corporate surety bond payable to or in favor of the City of Duluth.

A PERFORMANCE BOND AND A PAYMENT BOND shall be required of the successful bidder, BOTH in the full amount of the bid.

INSUREANCE CERTIFICATE required per attached requirements.

Designated F.O.B. Point:

Engineering Division

Jobsite(s)

Tax: Federal Excise Tax Exemption
Account No. 41-74-0056 K

Vendor Email Address: _____

FREIGHT CHARGE \$ _____

NAME: _____

TOTAL BID PRICE # _____

ADDR1: _____

TO INCLUDE ANY ADDITIONAL PAGES.

ADDR2: _____

ADDR3: _____

BY: _____
(Print) (Title)

PAYMENT TERMS \$ _____

F.O.B. POINT \$ _____

(Signature) (Tele. #)

DELIVERY DATE \$ _____

The City of Duluth is an Equal Opportunity Employer.

DATE: 2/1/2013
BID #: 13-0121

*****SCHEDULE OF PRICES*****

8" GAS MAIN REPLACEMENT ON FIRST STREET FROM MESABA AVENUE TO 15TH AVENUNE WEST

City Project #0839GS

Make all extensions and total the bid.

Make all extensions and total the bid.

Item No.	Spec. #	Qty	U/OM	Item Description	Unit Price	Total Price
001		1	Each	Exhibit A (Must Be Returned With The Bid)	\$ _____	\$ _____

TOTAL \$ _____

ADDENDUM NO. _____, DATED _____

ADDENDUM NO. _____, DATED _____

TOTAL BID IN WORDS:

CONTRACTOR NAME:

THE CONTRACTOR AGREES TO ALL OF THE PROVISIONS CONTAINED IN THE CONTRACT DOCUMENTS. ENCLOSED HEREWITH FIND A CERTIFIED CHECK OR BID BOND IN THE AMOUNT OF AT LEAST 5% OF THE AMOUNT OF PROPOSAL MADE PAYABLE TO THE CITY OF DULUTH AS A PROPOSAL GUARANTEE WHICH IT (see additional page(s))

(Initial)

DATE: 2/1/2013
BID #: 13-0121

IS AGREED BY THE UNDERSIGNED WILL BE FORFEITED IN THE EVENT THE FORM OF CONTRACT AND BOND IS NOT EXECUTED, IF AWARDED TO THE UNDERSIGNED.

The bidder hereby certifies that he/she has obtained the City of Duluth Public Works/Utilities Department - Engineering Division Standard Construction Specifications 2013 booklet and has incorporated the terms hereof in its bid.

SIGNED: _____ FOR

_____ A PARTNERSHIP (OR)

_____ A CORPORATION INCORPORATED UNDER THE LAWS OF THE STATE OF:

PRESIDENT

VICE-PRES.

SECRETARY

TREASURER

ADDRESS (ES)

BEING DULY SWORN, DEPOSES AND SAYS THAT THERE ARE NO OTHER PERSONS COMPRISING ABOVE COMPANY OR FIRM THAN THE ABOVE NAMES, AND THAT THERE ARE NO PERSONS OR CORPORATIONS INTERESTED IN THE FORGOING PROPOSALS, EITHER AS PRINCIPAL OR SUBCONTRACTOR, OTHER THAN THE ABOVE NAMES; ALSO THAT THE PROPOSALS ARE MADE WITHOUT ANY CONNECTION WITH ANY PERSON OR PERSONS MAKING ANY PROPOSAL FOR THE ABOVE WORK; THAT THEY ARE IN ALL RESPECTS FAIR AND WITHOUT COLLUSION OR FRAUD; AND THAT NO PERSON ACTING IN ANY OFFICIAL CAPACITY FOR THE CITY OF DULUTH IS DIRECTLY OR INDIRECTLY INTERESTED THEREIN, OR IN ANY PORTION OF THE PROFIT THEREOF.

(see additional page(s))

(Initial)

CITY OF DULUTH

DATE: 2/1/2013
BID #: 13-0121

SUBSCRIBED AND SWORN TO BEFORE ME THIS

DAY OF

A.D.,

NOTARY PUBLIC

IMPORTANT NOTE BIDDERS:

1. PLEASE DISREGARD THE NOTE ON PAGE 1 REGARDING SALES TAX FOR THIS BID. ALL APPLICABLE SALES AND/OR USE TAXES ARE TO BE INCLUDED IN BID PRICING. ALSO, ALL BIDS ARE TO BE F.O.B. JOBSITE. THE BLANK ON PAGE ONE FOR FREIGHT IS TO BE LEFT BLANK.
2. THERE WILL BE A PRE-BID MEETING ON TUESDAY, FEBRUARY 19TH, 2013, AT 2:00 PM LOCAL TIME IN CONFERENCE ROOM 106A, CITY HALL, LOCATED AT 401 WEST 1ST STREET, DULUTH, MINNESOTA. IT IS RECOMMENDED THAT ALL BIDDERS ATTEND THIS PRE-BID MEETING.

**Delivery Contact: Howard Smith, P.E.
City of Duluth Engineering Department
218-730-5092**

(Initial)

EXHIBIT A

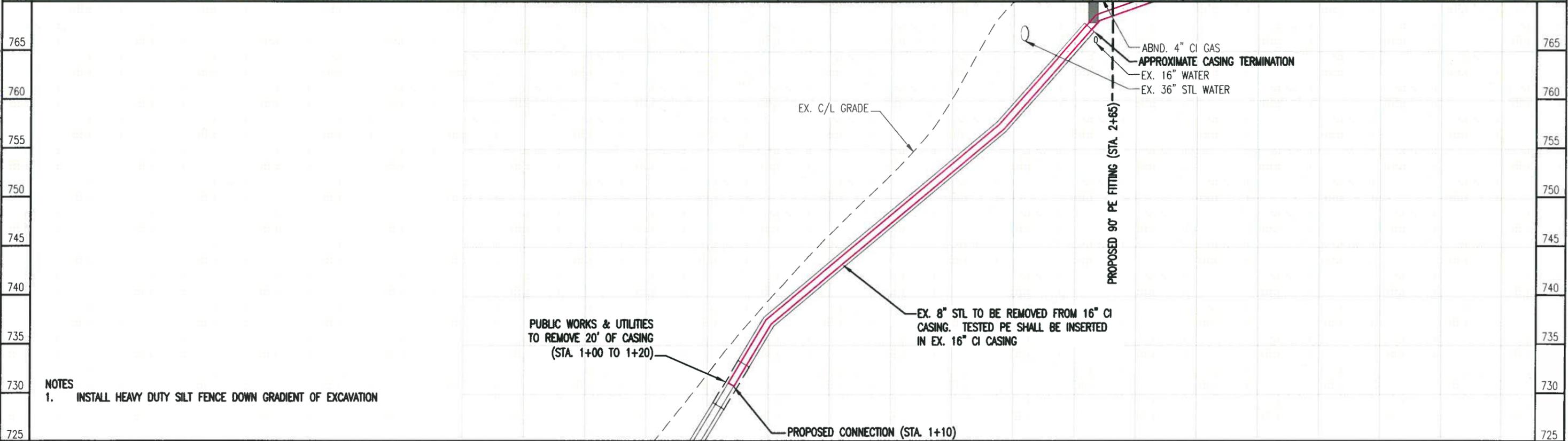
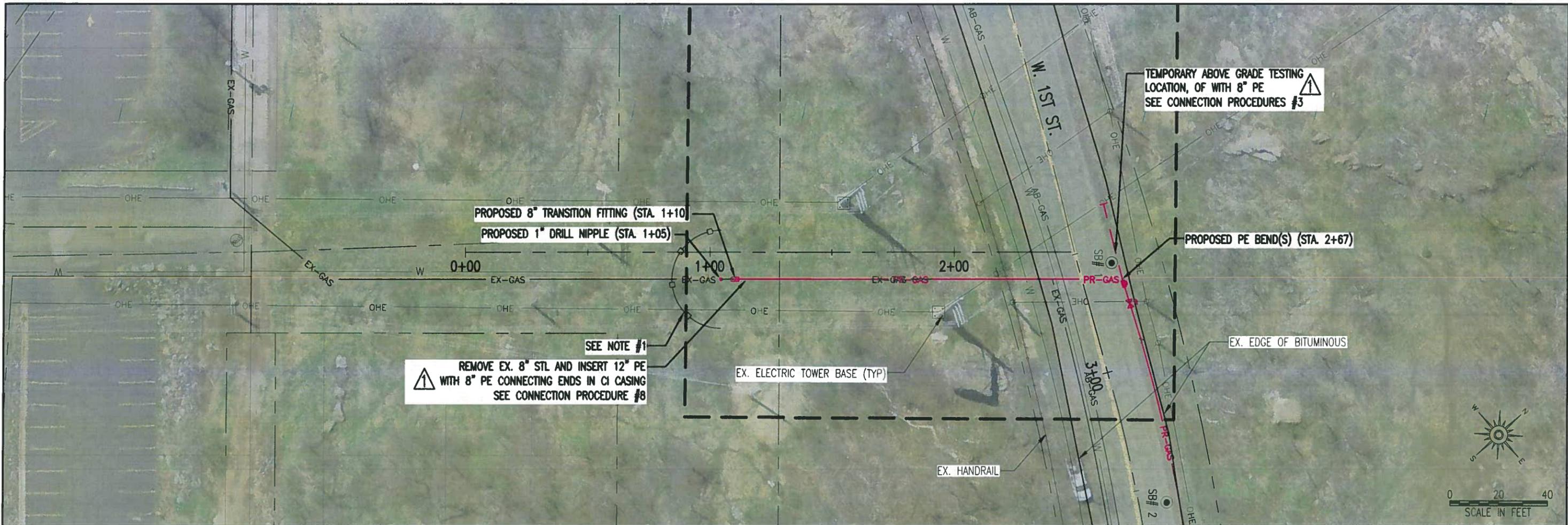
Revision: Addendum No. 1

Bid # 13-0121 Project # 0839GS
 8" Gas Main Replacement on First Street from Mesaba Ave to 15th Ave W

Item No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
1	2021.501	MOBILIZATION	LUMP SUM	1		
2	2101.511	CLEAR AND GRUB	LUMP SUM	1		
3	2021.501	REMOVE 8" STEEL GAS MAIN FROM 16" CI CASING	LUMP SUM	150		
4	2104.501	REMOVE CURB AND GUTTER	LIN FT	500		
5	2104.503	REMOVE CONCRETE PAVEMENT/DRIVEWAY/PAVERS	SQ FT	1200		
6	2104.505	REMOVE BITUMINOUS PAVEMENT	SQ YD	1850		
7	2104.513	SAW BITUMINOUS/CONC PAVEMENT - FULL DEPTH	LIN FT	1200		
8	2211.502	AGGREGATE BASE , CLASS 5 (CV)	CU YD	680		
9	2360.502	TYPE SP 12.5 NON-WEARING COURSE MIXTURE (3,B)	TON	70		
10	2451.503	GRANULAR BACKFILL (CV)	CU YD	800		
11	2105.503	BOULDER EXCAVATION (TRENCH)	CU YD	25		
12	2105.503	ROCK EXCAVATION (TRENCH)	CU YD	425		
13	2501.511	REPLACE 12 " GALVANIZED CORRUGATED METAL PIPE	LIN FT	20		
14	2501.511	REPLACE 15 " GALVANIZED CORRUGATED METAL PIPE	LIN FT	20		
15	2501.515	12" CM PIPE APRONS	EACH	1		
16	2501.515	15" CM PIPE APRONS	EACH	1		
17	2505.602	FURNISH & INSTALL 8" PE VALVE AND VALVE BOX	EACH	2		
18	2505.602	FURNISH & INSTALL 2" PE VALVE AND VALVE BOX	EACH	4		
19	2505.602	FURNISH & INSTALL 1" PE VALVE AND VALVE BOX	EACH	1		
20	2505.602	RECONNECT EXISTING 1/2" PE SERVICES TO NEW MAIN	EACH	1		
21	2505.602	EXCAVATION FOR CONNECTING NEW HP GAS MAIN TO EXISTING GAS MAIN (W/O VALVE) OR HP CUTOFF	EACH	16		
22	2505.603	FURNISH & INSTALL 2" PE GAS MAIN OR SERVICE	LIN FT	125		
23	2505.603	FURNISH & INSTALL 1" PE GAS MAIN OR SERVICE	LIN FT	25		
24	2505.603	FURNISH & INSTALL 12" PE GAS MAIN INSTALLED BY INSERTION	LIN FT	150		
25	2505.603	FURNISH & INSTALL 8" PE GAS MAIN W/ GRANULAR ENCASEMENT	LIN FT	3600		
26	2521.501	5" CONCRETE WALK (INCLUDES REMOVAL AND 4" C-5 BASE)	SQ FT	150		
27	2531.501	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	500		
28	2563.601	TRAFFIC CONTROL	LUMP SUM	1		
29	2573.550	EROSION CONTROL	LUMP SUM	1		
30	2575.523	STABILIZATION AND RESTORATION OF VEGETATION	SQ YD	1200		

GRAND TOTAL: \$ _____

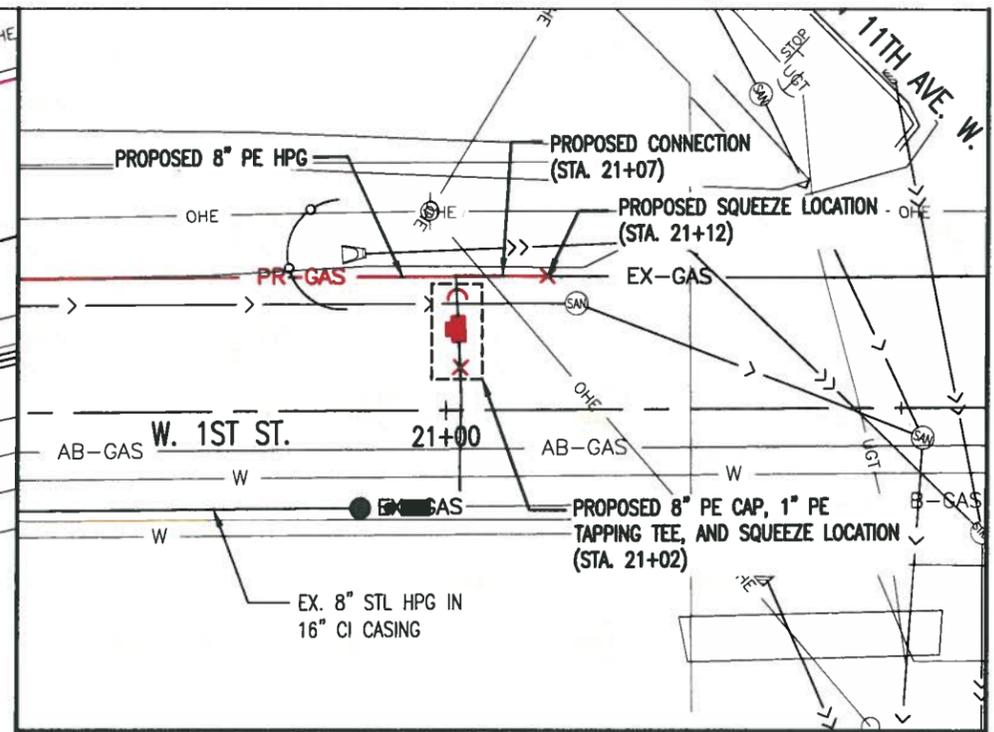
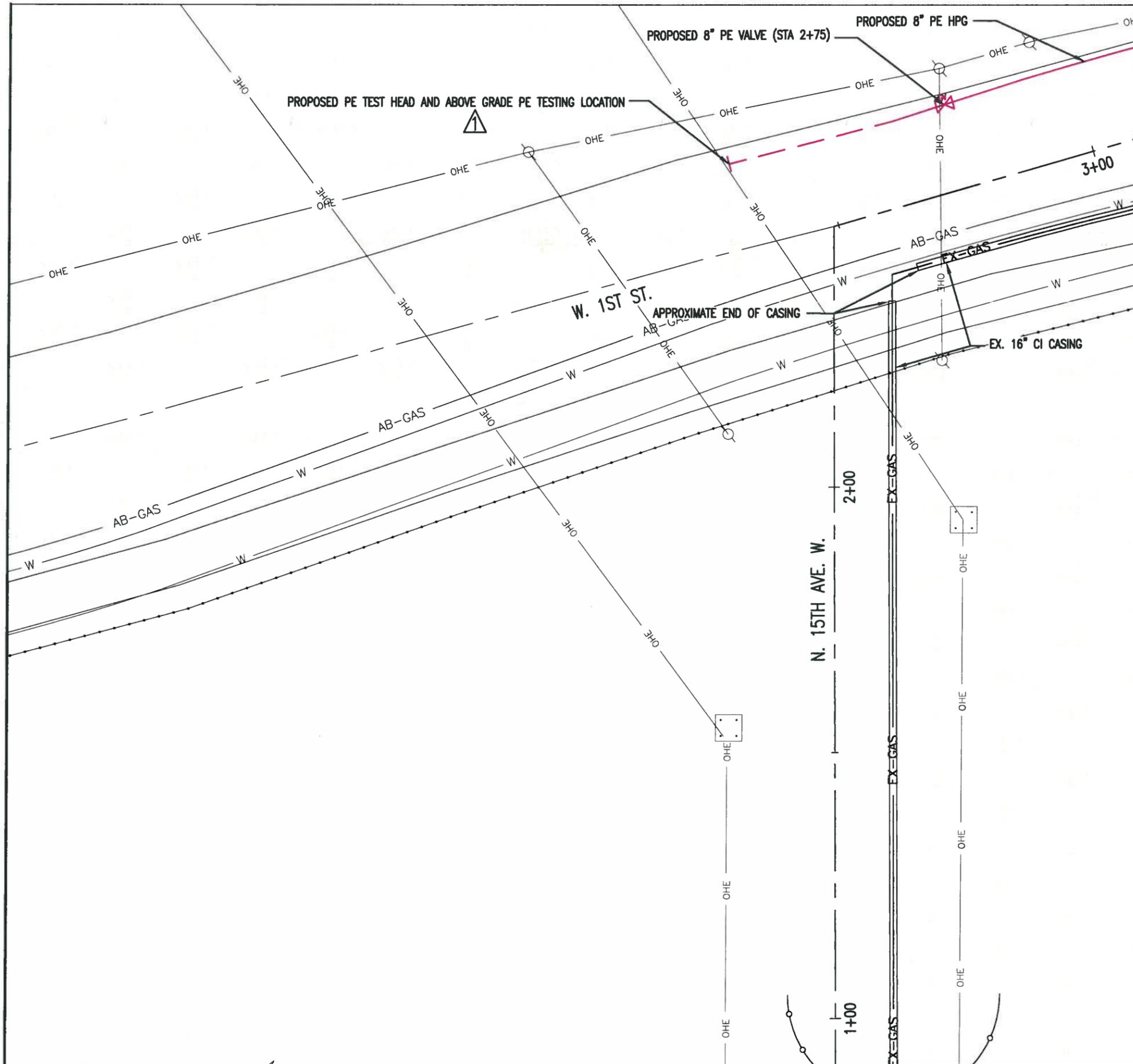
INITIAL: _____



NOTES
1. INSTALL HEAVY DUTY SILT FENCE DOWN GRADIENT OF EXCAVATION

I:\PWU\ENGINEER\PROJECTS\Gas\0839GS\DWG\0839GS-BA.dwg Friday, February 22, 2013 7:42:48 AM

CERTIFIED BY: ERIC R. SHAFFER, P.E.	REG. NO.: 25374	ADDENDUM NO. 1 2-21-2013	2013 - W. 1ST ST. GAS MAIN REPLACEMENT	DRAWN BY: KLB
SIGNATURE: <i>[Signature]</i>	DATE: FEBRUARY 4, 2013		CITY OF DULUTH	PLAN & PROFILE
			CITY PROJECT NO.: 0839GS	STATE AID PROJECT NO.:
				SHEET NO. 6 OF 20



CONNECTION PROCEDURE #3 (STA. 21+12)

PROCEDURE #1 MUST BE DONE PRIOR TO PROCEDURE #3

DONE BY CONTRACTOR

- A INSTALL 8" PE TEST HEAD AND CAP ON 40' (MINIMUM) OF 8" PE PIPE WEST OF STA. 2+67
- B INSTALL 8" PE PIPE FROM 2+67 TO STA 2+74
- C INSTALL 8" PE VALVE AT STA. 2+75
- D INSTALL 8" PE PIPE FROM STA. 2+75 TO STA. 21+12
- E PIG PIPE PRIOR TO INSTALLING END CAPS AND TESTING
- F TEST 8" PE PIPE PER STANDARD SPECIFICATIONS

DONE BY PUBLIC WORKS AND UTILITIES

- G SQUEEZE EXISTING 8" PE PIPE AT STA. 21+02 (10' SOUTH OF 90°)
- H SQUEEZE EXISTING 8" PE PIPE AT STA. 21+12 (10' EAST OF 90°)

DONE BY CONTRACTOR

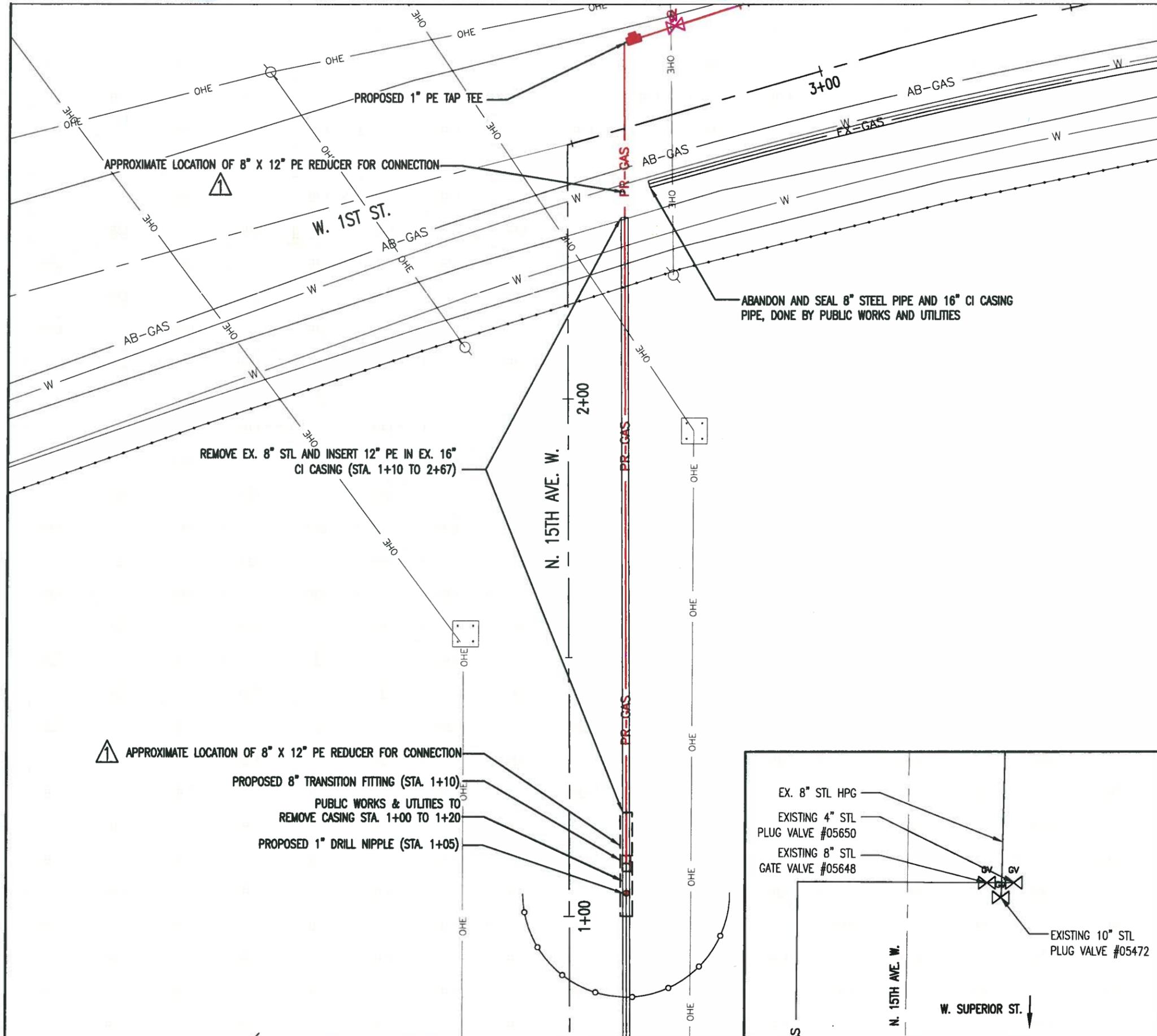
- I CONNECT TESTED 8" PE PIPE TO EXISTING 8" PE PIPE AT STA. 21+12
- J CAP EXISTING 8" PE PIPE AT STA. 21.02, NORTH OF SQUEEZE AND REMOVE SQUEEZE
- K INSTALL 1" PE TAPPING TEE AND 15' OF 1" P.E. PIPE TO NORTH OFF OF 8" PE PIPE (SOUTH OF CAP)
- L TEST AND TAP SERVICE TEE AND CAP (FOR PROCEDURE #8), BURY OUT OF ROADWAY
- M CUT 8" PE PIPE AT STA. 2+67 FOR INSTALLATION ACROSS W. 1ST ST.
- N SOAP TEST ALL JOINTS AFTER CONNECTIONS ARE MADE AND 8" PE PIPE IS PRESSURIZED

DONE BY PUBLIC WORKS AND UTILITIES

- O CONFIRM PE VALVE AT STA. 2+75 IS OPEN AND VENT STACK HAS BEEN INSTALLED
- P OPEN SQUEEZE EAST OF CONNECTION AND PURGE AIR TO GAS TO STA. 2+67
- Q CLOSE VALVE AT STA. 2+75 AFTER PURGED GAS
- R REMOVE SQUEEZE EQUIPMENT AFTER CONNECTIONS ARE MADE
- S SOAP TEST ALL JOINTS AFTER CONNECTIONS ARE MADE AND 8" PE PIPE IS PRESSURIZED

DONE BY CONTRACTOR

- T TEMPORARILY CAP 8" PE PIPE AT STA. 2+67 UNTIL INSERTION IS DONE



CONNECTION PROCEDURE #8 (STA. 2+67)	
PROCEDURES 1 - 7 ARE COMPLETED	
CONFIRM 2" PE GAS MAIN INSTALLED BY OTHERS IN 16TH AVE W	
DONE BY CONTRACTOR	
A	12" P.E. PIPE CAN BE FUSED AND PULLED FROM EITHER DIRECTION CONTRACTOR TO DETERMINE WHICH DIRECTION
B	FUSE 160' OF 12" PE PIPE ABOVE GRADE, LOCATION TO BE DETERMINED IN FIELD
DONE BY PUBLIC WORKS AND UTILITIES	
C	INSTALL 1" DRILL NIPPLE AT STA. 1+05
D	CLOSE VALVE #05648 ON 8" STEEL GAS AT 16TH AVE W. AND SUPERIOR ST.
E	DEPRESSURIZE AND PURGE 8" STEEL GAS MAIN, GAS TO AIR THROUGH DRILL NIPPLE AND 1" PE TAPPING TEE AT STA. 21+12 (INSTALLED BY CONTRACTOR IN PROCEDURE #3)
F	CUT OFF 8" STEEL GAS EAST OF BEND AT STA. 2+67
G	CUT OFF 8" GAS @ STA 1+10 AND INSTALL 8" TRANSITION WITH CAP NORTH OF DRILL NIPPLE
DONE BY CONTRACTOR	
VALVE AT 2+75 MUST BE IN CLOSED POSITION	
H	REMOVE EXISTING 8" STEEL GAS FROM 16" CASING FROM STA. 2+67 SOUTH TO STA. 1+10
I	CONTRACTOR MUST INSERT AND PULL 10' TEST PIECE OF 12" PE THROUGH CASING
J	INSERT 12" P.E. PIPE IN CASING
K	PIG 12" P.E. PIPE AND INSTALL REDUCERS, 8" P.E. PIPE AND TEST CAPS
L	TEST P.E. PIPE PER STANDARD SPECIFICATIONS
M	USING TESTED 8" P. E. PIPE AND BEND(S), CONNECT NORTH END OF INSERTED PIPE TO 8" PE WEST OF NEW VALVE LOCATED AT STA 2+75
N	USING TESTED 8" P. E. PIPE, CONNECT SOUTH END OF INSERTED PIPE TO TRANSITION
DONE BY PUBLIC WORKS AND UTILITIES	
O	INSTALL 1" PE TAPPING TEE WEST OF VALVE AT STA. 2+75
P	CLOSE DRILL NIPPLE ON 8" STEEL GAS MAIN SOUTH OF TRANSITION FITTING
Q	OPEN VALVE #05648 ON 8" STEEL GAS AT 16TH AVE W. AND SUPERIOR ST. AND PURGE AIR TO GAS THROUGH 1" PE TAPPING TEE WEST OF VALVE @ STA 2+75
R	CUT AND CAP 1" PE TAPPING TEE, PRESSURIZE MAIN, AND OPEN VALVE AT STA. 2+75
S	SOAP TEST ALL CONNECTIONS
T	SEAL ALL 8" STEEL GAS MAIN ENDS AND ABANDON PIPE TO STA. 21+12
DONE BY CONTRACTOR	
U	CUT AND CAP 1" PE TAPPING TEE AT STA. 21+12
V	SOAP TEST ALL CONNECTIONS AFTER PRESSURIZED

