ADDENDUM #1
REHABILITATION AND RELINE OF BREWERY CREEK STORM SEWER SECTION 29 & 31
CITY OF DULUTH
PROJECT No. 0036ST
BID No. 15-0527
August 17, 2015

NOTICE

This Addendum is issued to modify, explain or correct the original drawings, specifications and/or previous addenda and is hereby made a part of the Contract Documents. Please attach this Addendum to the specification and note receipt of this Addendum on the Request for Bid.

DRAWINGS

1. The entire plans set has been replaced with the attached plan set signed by the Project Engineer and dated 8-14-2015. The change to the plan is the deletion of Lining Sewer Pipe 63" and replaced with Lining Sewer Pipe 60".

SPECIFICATIONS

1. SP-11 Subletting of Contract: is supplemented with the following:

   The verbiage LINING SEWER PIPE 63", has been deleted.

2. SP-24 (2503) LINING SEWER PIPE 60" OR 63" is supplemented with the following:

   The verbiage OR 63" has been deleted.

3. EXHIBIT A is supplemented with the following:

   A new EXHIBIT A has been attached, with the bid item for LINING SEWER PIPE 63" have been deleted. The quantity for LINING SEWER PIPE 60" has been increased from 268 l.f. to 394 l.f..

INFORMATION TO BIDDERS

N/A

END OF ADDENDUM
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TOTAL: ________________
CITY OF DULUTH
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING DIVISION

CONSTRUCTION PLANS FOR: REHABILITATION AND RELINE OF BREWERY CREEK STORM SEWER SECTIONS 29 & 31

GEOGRAPHIC LOCATION: LOCATED BELOW THE 500 BLOCK OF EAST TENTH STREET BETWEEN NORTH 5TH AVENUE EAST AND CENTRAL ENTRANCE.

INDEX

MANHOLE & CATCH BASIN INDEX

SCALE

PROJECT LOCATION:
CITY OF DULUTH
ST. LOUIS COUNTY
SEC. 23 T50N R44W

GOVERNING SPECIFICATIONS

THE 2013 EDITION OF THE CITY OF DULUTH PUBLIC WORKS AND UTILITIES DEPARTMENT "STANDARD CONSTRUCTION SPECIFICATIONS" SHALL APPLY.

ALL PEWTER CONTROL SHEETS AND SHEET SETS SHALL CONFORM TO THE MANUFACTURER'S SPECIFICATIONS, INCLUDING THE FIELD MANUAL, DATED "LATEST EDITION".

THE SUBSURFACE, UTILITY INFORMATION IN THIS PLAN IS SUBMITTED AT THE QUALITY LEVEL 3, WHICH IS DETERMINED ACCORDING TO THE GUIDELINES OF DULUTH 3R-152 ENTITLED "STANDARD SPECIFICATIONS FOR THE COLLECTION AND IDENTIFICATION OF EXISTING SUBSURFACE UTILITIES".

INDEX

SHEET No. DESCRIPTION

C.P. NO. 0036ST
BEG. PROJECT
STA. 44+77

C.P. NO. 0036ST
END PROJECT
STA. 46+58

NOTE: LOCATION OF UNDERGROUND UTILITIES TO BE VERIFIED BY CONTRACTOR-DRAWN BEFORE DIGGING.
GOMER STATE ENGINEER, 1-800-252-1056.
 REQUIRED BY LAW

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

CITY OF DULUTH
ST. LOUIS COUNTY
SEC. 23 T50N R44W

LHB PROJECT No. 140105
City of Duluth Proj. No. 0036ST

SHEET 01 OF 13 SHEETS
1. GENERAL REQUIREMENTS FOR CONSTRUCTION ACTIVITY
A. EXCERISION PREVENTION: THE CONTRACTOR MUST PLAN FOR AND IMPLEMENT CONSTRUCTION PRACTICES THAT RESPONSIBLY MINIMIZE THE IMPACT OF CONSTRUCTION ACTIVITY TO THE ENHANCED EROSION PREVENTION MEASURES IDENTIFIED IN THE GENERAL STORMWATER PERMIT. ALL CONSTRUCTION ACTIVITY OCCURS WITHIN THE AREA DESIGNATED AS SOURCES OF CONSTRUCTION ACTIVITY, INCLUDING THE SCHEDULED SQUARE FOOT OF CONSTRUCTION ACTIVITY, TO THE PERMITTED MAXIMUM LEVELS OF EROSION AND SEDIMENT CONTROL.

2. TEMPORARY STORMWATER TREATMENT SYSTEMS ARE OPERATIONAL AND ALL SEDIMENT IS REMOVED FROM THE EFFECTIVE TREATMENT SYSTEMS.

3. EROSION CONTROL PRACTICES MAY BE LEFT IN PLACE AT THE END OF CONSTRUCTION.

4. EXCESSIONS TO THE EROSION CONTROL DESIGN ARE APPROVED BY THE CONTRACTOR.

5. TEMPORARY STORMWATER TREATMENT SYSTEMS ARE OPERATIONAL AND ALL SEDIMENT IS REMOVED FROM THE EFFECTIVE TREATMENT SYSTEMS.

6. PERIODIC INSPECTION, MAINTENANCE, AND INSPECTION OF TEMPORARY STORMWATER TREATMENT SYSTEMS ARE OPERATIONAL AND ALL SEDIMENT IS REMOVED FROM THE EFFECTIVE TREATMENT SYSTEMS.

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28. EROSION CONTROL PRACTICES MAY BE LEFT IN PLACE AT THE END OF CONSTRUCTION.

29. EXCESSIONS TO THE EROSION CONTROL DESIGN ARE APPROVED BY THE CONTRACTOR.
# Traffic Control Notes

1. ALL SIGNS INDICATED ON THIS TRAFFIC CONTROL PLAN, EXCEPT THOSE SIGNS WHICH ARE INSTALL, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. ALL APPROPRIATE SIGNS, INCLUDING REPLACE SIGNS, SHALL BE MAINTAINED BY THE CONTRACTOR DURING THE LIFE OF THE CONTRACT. EXISTING STOP SIGNS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.

2. ALL TRAFFIC CONTROL DEVICES AND SIGNING SHALL CONFORM TO, AND BE PLACED IN ACCORDANCE WITH, THE MINNESOTA MANUAL ON ROADWAY TRAFFIC CONTROL DEVICES (MAHDEC) AND THE MINNESOTA STANDARD SIGNS MANUAL (PARTS A, B, AND C) AND THE APPLICABLE MATERIAL SPECIFICATIONS.

3. THE CONTRACTOR SHALL FURNISH AND INSTALL, AT THEIR EXPENSE, THE FOLLOWING SIGNS AND SIGNS MATERIALS:
   - BUMP SIGNS
   - BUMP SIGNS (FMD, D.1)
   - NO TRAFFIC SIGNS
   - NO TRAFFIC SIGNS (FMD, D.1)
   - ROAD CLOSED SIGNS
   - ROAD CLOSED SIGNS (FMD, D.1)
   - TRAFFIC WARNING SIGNS

4. THE CONTRACTOR SHALL PLACE REFLECTIVE PLACARD SIGNS, WARNING SIGNS, AND BARRIERS WITHIN THE CONSTRUCTION ZONE TO PROTECT WORKERS, TRAFFIC, AND PROHIBIT TRAFFIC FROM ENTERING THE WORK ZONE.

5. THE INITIAL CONSTRUCTION SIGNING SHALL BE DEDICATED PRIOR TO CONSTRUCTION OPERATIONS.

6. TYPE A (LOW INTENSITY) FLASHERS SHALL BE FURNISHED, INSTALLED, AND MAINTAINED ON TYPE A BARRIERS AND ADVANCED WARNING SIGNS WHEN USED AT NIGHT OR TO IDENTIFY BLANKET AND OTHER NOISEY SIGNS AS DIRECTED BY THE ENGINEER FOR TRAFFIC CONTROL.

7. ROAD CLOSED SIGNS SHALL BE REQUIRED WHEN WORK IS AT OR NEAR THE ENTRANCE TO OR EXIT OF THE PROJECT.

8. ALL WORK RELATED TO SIGNS, INCLUDIG FLASHERS, SHALL BE BUILT IN ACCORDANCE WITH THIS MANUAL ON ROADWAY TRAFFIC CONTROL DEVICES.
SEWER ACCESS PLAN — SECTION 31

LEGEND:
- Denotes Sidewalk Removal (E10. 900 SQ. FT.) and Replacement (475 SQ. FT.). To be paid for under items "REMOVAL CONCRETE WALK" and "5" CONCRETE WALK."
- Denotes Storm by Removal (E10. 2000 SQ. FT.) and Replacement (E10. 500 SQ. FT.). To be paid for under items "REMOVAL STORM DRAINAGE PAVEMENT" and "TYPE OF 12.5 WHEELING COURSE MIXTURE (1.27)."
- Denotes Curb & Gutter Removal (E10. 680 FT. 11 and Replacement (E10. 680 FT. 11. To be paid for under items "REMOVAL CURB AND GUTTER" and "CONCRETE CURB AND BISER DESIGN BID/FOIL".

KEY NOTES:
1. To be paid for under item "REMOVAL EXCAVATION FULL DEPTH".
2. If slopes are required to be flatter than that shown in the plans due to soil conditions, drain requirements, or other reasons, the contractor shall provide, at his cost, drain systems that conform to the provisions set forth in the plans. The costs for these drain systems shall be determined by the engineer and included in the bid amounts.
3. Drainage systems shall be designed and installed to comply with the provisions set forth in the plans. The costs for these systems shall be determined by the engineer and included in the bid amounts.
4. To be paid for under item "CONSTRUCT DRAINAGE STRUCTURE DESIGN (A) OR (B)."
5. To be paid for under item "UDGE ON EXISTING DRAINAGE STRUCTURES."
6. To be paid for under item "REPAIR EXISTING DRAINAGE STRUCTURES.""
7. To be paid for under item "REPLACE EXISTING DRAINAGE STRUCTURES.""
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98. To be paid for under item "REPLACE EXISTING DRAINAGE STRUCTURES.""
99. To be paid for under item "REPLACE EXISTING DRAINAGE STRUCTURES.""
100. To be paid for under item "REPLACE EXISTING DRAINAGE STRUCTURES.""

City of Duluth Proj No. 0036ST

SEWER ACCESS DETAILS — PHASE A
Sheet No. 09 of 13 Sheets

[Signature]