





Purchasing Division
Finance Department
Room 120
411 West First Street
Duluth, Minnesota 55802

 218-730-5340
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Addendum No. 2
Solicitation 25-99625
32nd Ave W Creek Watershed Stormwater Resiliency Improvements

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

DRAWINGS

1) Sheet 3 – SEQ & Notes

- A. Bid item 17A (2106.601 Dewatering) was added.
- B. Note 11 was added to bid items 21, 22, and 23.

2) Sheet 4 – SEQ & Notes

- A. Bid item 46 was revised to 158 LIN FT.

3) Sheet 13 – Charts (Drainage)

- A. The invert elevation for DS-1401 was revised to 695.29 and the structure depth was revised to 5.14 LIN FT.
- B. The chart and project totals have been updated for “Construction Drainage Structure Design 48-4020”.

SPECIFICATIONS

1) None

QUESTIONS

- 1) On plan sheet 13, structure DS-1401 is listed as 41.10 LIN FT. This looks like an error. Can you revise if needed and revise the bid form if needed?
 - A. The invert for DS-1401 should be 695.29 and a total depth of 5.14 LIN FT. These values have been updated on the plan sheets and the bid form in this Addendum.
- 2) Are the castings paid for by the Each or incidental?
 - A. The casting will be paid as indicated in MNDOT 2506. The Casting Assemblies are incidental for drainage structures paid for by the each (Construct Drainage Structure Design Spec 1 and Construct Drainage Structure Design Spec 2). All other Casting Assemblies are paid for by the Each.
- 3) Is stream diversion/dewatering incidental?
 - A. Dewatering and Stream diversion is paid for by Dewatering by the Lump Sum. A bid item was added to the SEQ and the bid form.
- 4) Would 1 5/8” round stock be an acceptable alternative to #14 rebar for the trash grates?

- A. Yes, using 1 5/8" round stock is acceptable. Conform to MNDOT 3313.2.A or 3314.2.A.
- 5) Does note 11 on SEQ apply to bid items 21,22 and 23 as well as 61 and 62 (driveway pavement)?
 - A. Yes, the SEQ has been updated.

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

Posted: **August 11, 2025**

SEQ. NOTES:

- 1) BASED ON 0.161 ACRES.
- 2) PAYMENT SHALL BE MADE AT EACH LOCATION FOR SAWING COMPOSITE PAVEMENTS (BITUMINOUS ON CONCRETE). REFER TO TYPICAL SECTIONS.
- 3) WHERE COMPOSITE PAVEMENT (BITUMINOUS ON CONCRETE) EXISTS, NO ADDITIONAL PAYMENT WILL BE MADE FOR REMOVAL OF BITUMINOUS.
- 4) QUANTITY IS CALCULATED PER SITE TO SUBGRADE ELEVATION
- 5) QUANTITY INCLUDES GRADING OPERATIONS AT SITES CONSTRUCTING TO SUBGRADE ELEVATION AND FILLING IN SEWER PIPE REMOVAL TRENCHES.
- 6) REINFORCEMENT BAR SHALL BE USED TO TIE NEW CURB AND GUTTER TO EXST'G, AT ADA RAMPS AND LANDING, NEW CONCRETE CURB TO NEW CONCRETE PAVEMENT, NEW CONCRETE PAVEMENT TO EXST'G PAVEMENT.
- 7) QUANTITY IS CALCULATED USING 120 LB/SQ/IN.
- 8) PVC PIPE DRAIN SHALL BE INSTALLED BEHIND ALL CURB AND GUTTER AND WITHIN ROCK EXCAVATION AREAS. CONNECTING TO DRAINAGE STRUCTURES IS CONSIDERED INCIDENTAL.
- 9) FOR STABILITY AND INTERLOCKING, EACH RIPRAP STONE SHALL EXHIBIT ANGULAR SURFACES AND SHALL HAVE ONE OR MORE FRACTURED SURFACES.
- 10) INCLUDES 4" AGGREGATE BASE (CV) CLASS 5 WITH NO DIRECT PAYMENT THERE OF.
- 11) CONCRETE PAVEMENT SHALL HAVE CONTRACTION JOINTS (C1U) AND LONGITUDINAL (L1U) JOINTS. DELINEATE JOINT PATTERNS TO BE AS SQUARE AS POSSIBLE. USE RELATIVE SLAB DIMENSIONS OF APPROXIMATELY 1:1 TO 1:1.25, TRANSVERSE-TO-LONGITUDINAL, NOT TO EXCEED 10 FEET IN ANY DIMENSION.
- 12) COMMON TOPSOIL BORROW SHALL BE 4" DEPTH BELOW SOD AND AREAS TO RECEIVE ROLLED EROSION PREVENTION CATEGORY 20.
- 13) FERTILIZER SHALL BE APPLIED AT A RATE OF 200 POUNDS PER ACRE.
- 14) SEED MIX 25-131 SHALL BE APPLIED AT A RATE OF 150 POUNDS PER ACRE.

MISCELLANEOUS NOTES:

(P) DENOTES PLAN QUANTITY

GENERAL NOTES:

- 1) WHEREVER THE WORD "INCIDENTAL" IS USED IN THIS PLAN IT SHALL MEAN NO DIRECT PAYMENT WILL BE MADE FOR THAT ITEM.
- 2) ANY DAMAGE TO INPLACE SURFACING, UTILITIES, OR ANY ITEM NOT DESIGNED FOR REMOVAL SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CITY.
- 3) ALL CONSTRUCTION DEWATERING SHALL BE CONSIDERED INCIDENTAL.
- 4) THE CONTRACTOR SHALL NOT STORE EXCAVATED MATERIAL OUTSIDE THE PLANNED CONSTRUCTION LIMITS UNLESS APPROVED BY THE ENGINEER.
- 5) ALL MATERIAL NOT UTILIZED ON THIS PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF OFF THE R/W IN ACCORDANCE WITH SPEC 2104.
- 6) SELECT MATERIAL SHALL SALVAGED FROM EXCAVATION - COMMON FOR EMBANKMENT PURPOSES.
- 7) EMBANKMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS, MnDOT SPECIFICATION 2106, AND PROJECT SPECIAL PROVISIONS.
- 8) THE CONTRACTOR SHALL OBTAIN THE REQUIRED CITY OF DULUTH PERMIT FOR WORK WITHIN THE RIGHT-OF-WAY.
- 9) UNLESS A PAY ITEM IS PROVIDED THEREFORE, ABANDONED UTILITY ITEMS OR ANY OTHER INPLACE MATERIAL WHICH MAY BE ENCOUNTERED DURING CONSTRUCTION SHALL BE DISPOSED OF BY THE CONTRACTOR AT AN APPROVED DISPOSAL SITE AND SUCH COSTS SHALL BE CONSIDERED INCLUDED FOR PAYMENT IN THE ASSOCIATED PAY ITEM FOR THE EXCAVATION.

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KNOWN UTILITIES		
COMPANY	SERVICE	CUSTOMER SERVICE
MINNESOTA POWER	ELECTRIC	
LUMEN	COMMUNICATION	

REVISION 1 - 08/11/2025

STATEMENT OF ESTIMATED QUANTITIES						
ITEM NO.	TAB	NOTE NO.	ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL ESTIMATED QUANTITIES
1			2021.501	MOBILIZATION	LUMP SUM	1
2	A	1	2101.501	CLEARING AND GRUBBING	LUMP SUM	1
3	B		2104.502	REMOVE CASTING	EACH	2
4	B		2104.502	REMOVE MANHOLE OR CATCH BASIN	EACH	47
5	B		2104.502	SALVAGE CASTING	EACH	5
6	A		2104.502	SALVAGE SIGN	EACH	4
7	A		2104.503	REMOVE CURB AND GUTTER	LIN FT	1639
8	B		2104.503	REMOVE SEWER PIPE (STORM)	LIN FT	1505
9	A		2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	628
10	A	2	2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH)	LIN FT	1006
11	A		2104.504	REMOVE BITUMINOUS PAVEMENT	SQ YD	1879
12	A		2104.504	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ YD	17
13	A	3	2104.504	REMOVE CONCRETE PAVEMENT	SQ YD	2966
14	A		2104.504	REMOVE CONCRETE WALK	SQ YD	535
15	D	4	2106.507	EXCAVATION - COMMON	(P) CU YD	1569
16		5	2106.507	GRANULAR EMBANKMENT (CV)	CU YD	215
17	D		2106.507	SELECT GRANULAR EMBANKMENT MOD 7% (CV)	(P) CU YD	394
17A			2106.601	DEWATERING	LUMP SUM	1
18	D		2108.504	GEOTEXTILE FABRIC TYPE 5	SQ YD	1835
19	D		2118.507	AGGREGATE SURFACING (CV) CLASS 5	(P) CU YD	29
20	D		2211.507	AGGREGATE BASE (CV) CLASS 5	(P) CU YD	1161
21	D	11	2301.504	CONCRETE PAVEMENT 7.0"	SQ YD	35
22	D	11	2301.504	CONCRETE PAVEMENT 8.0"	SQ YD	2586
23	D	11	2301.504	CONCRETE PAVEMENT 13.0"	SQ YD	48
24	D		2301.602	DRILL AND GROUT REINFORCEMENT BAR (EPOXY COATED)	EACH	1173
25	D		2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)	TON	566
26	C		2451.507	STRUCTURE EXCAVATION CLASS R	CU YD	77
27	E		2501.502	12" RC PIPE APRON	EACH	3
28	E		2501.502	18" RC PIPE APRON	EACH	1
29	E		2501.502	48" RC PIPE APRON	EACH	1
30	E		2501.502	58" SPAN RC PIPE-ARCH APRON	EACH	1

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: _____

NATHAN BRUNO
TYPE NAME

DATE: 07/21/2025

LIC. NO: 46584



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

32ND AVE W CREEK WATERSHED STORMWATER RESILIENCY IMPROVEMENTS

CITY PROJECT NO.: 2069

STATE AID PROJECT NO.: NA

DRAWN BY: JDO

SEQ & NOTES

SHEET NO. 3 OF 120

STATEMENT OF ESTIMATED QUANTITIES CONTINUED						
ITEM NO.	TAB	NOTE NO.	ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL ESTIMATED QUANTITIES
31	C, D	8	2502.503	4" PERF PVC PIPE DRAIN	LIN FT	1868
32	E		2502.503	10" PVC PIPE DRAIN	LIN FT	10
33	E		2503.503	12" RC PIPE SEWER DES 3006 CLASS III	LIN FT	1142
34	E		2503.503	15" RC PIPE SEWER DES 3006 CLASS III	LIN FT	233
35	E		2503.503	18" RC PIPE SEWER DES 3006 CLASS III	LIN FT	287
36	E		2503.503	24" RC PIPE SEWER DES 3006 CLASS III	LIN FT	333
37	E		2503.503	30" RC PIPE SEWER DES 3006 CLASS III	LIN FT	12
38	E		2503.503	36" RC PIPE SEWER DES 3006 CLASS III	LIN FT	12
39	E		2503.503	48" RC PIPE SEWER DES 3006 CLASS III	LIN FT	106
40	E		2503.503	58" SPAN RC PIPE-ARCH SEWER CLASS IIA	LIN FT	33
41	E		2503.602	CONNECT TO EXISTING STORM SEWER	EACH	28
42	E		2503.602	CONSTRUCT BULKHEAD	EACH	2
43	B		2504.602	ADJUST VALVE BOX	EACH	3
44	B		2506.502	ADJUST FRAME & RING CASTING	EACH	1
45	B, E		2506.502	CASTING ASSEMBLY	EACH	82
46	E		2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	LIN FT	158
47	E		2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 72-4020	LIN FT	34
48	E		2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 84-4020	LIN FT	17
49	E		2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN G	LIN FT	69
50	E		2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN H	LIN FT	101
51	B, E		2506.602	CONCRETE ENCASED CASTING COLLAR	EACH	16
52	E		2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 1	EACH	4
53	E		2506.602	CONSTRUCT DRAINAGE STRUCTURE DESIGN SPECIAL 2	EACH	1
54	F		2511.504	GEOTEXTILE FILTER TYPE 3	SQ YD	84
55	F		2511.504	GEOTEXTILE FILTER TYPE 4	SQ YD	72
56	F	9	2511.507	RANDOM RIPRAP CLASS II	CU YD	24
57	F	9	2511.507	RANDOM RIPRAP CLASS IV	CU YD	30

STATEMENT OF ESTIMATED QUANTITIES CONTINUED						
ITEM NO.	TAB	NOTE NO.	ITEM NO.	ITEM DESCRIPTION	UNITS	TOTAL ESTIMATED QUANTITIES
58	D	10	2521.504	4" CONCRETE WALK	SQ YD	381
59	D	10	2521.504	6" CONCRETE WALK	SQ YD	112
60	D		2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	2732
61	D	11	2531.504	7" CONCRETE DRIVEWAY PAVEMENT	SQ YD	87
62	D	11	2531.504	8" CONCRETE DRIVEWAY PAVEMENT	SQ YD	63
63	D		2531.618	TRUNCATED DOMES	SQ FT	180
64			2563.601	TRAFFIC CONTROL	LUMP SUMP	1
65	D		2564.502	INSTALL SIGN	EACH	4
66			2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUMP	1
67	F		2573.502	STORM DRAIN INLET PROTECTION	EACH	107
68	F		2573.503	SEDIMENT CONTROL LOG TYPE ROCK	LIN FT	300
69	F		2573.503	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	3014
70	F		2573.503	SILT FENCE, TYPE HI	LIN FT	288
71	F	12	2574.507	COMMON TOPSOIL BORROW	CY YD	24
72	F	13	2574.508	FERTILIZER TYPE 3	POUND	79
73	F		2575.505	SEEDING	ACRE	0.23
74	F	14	2575.501	SEED MIXTURE 25-131	POUND	35
75	F		2575.504	ROLLED EROSION PREVENTION CATEGORY 20	SQ YD	973
76	F		2575.504	SODDING TYPE LAWN	SQ YD	933

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