



City of Duluth

DEPARTMENT OF PUBLIC WORKS/UTILITIES
Engineering Division
211 City Hall • Duluth MN 55802
(218) 730-5200 Fax: (218) 730-5907

Date: July 22, 2014

City of Duluth Bid # 14-0476

Job Description: Rehabilitation of Bridge No. L6113

City Project No. 1176

Addendum #2

NOTICE TO ALL BIDDERS:

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

Bid Form:

REMOVE the Exhibit A in the Proposal and **INSERT** the attached Exhibit A - Revised in its place. The inserted Exhibit A - Revised does not need to be bound into the Proposal.

Specifications:

N/A

Plan sheets:

REPLACE Sheet 3 in the plan with the Revised Sheet 3R.

All other items remain the same.

Sincerely,

Patrick Mlakar
Project Manager

2012 Flood Repairs - Rehabilitation of Bridge No. L6113 on 4th Street at Tischler Creek

EXHIBIT A

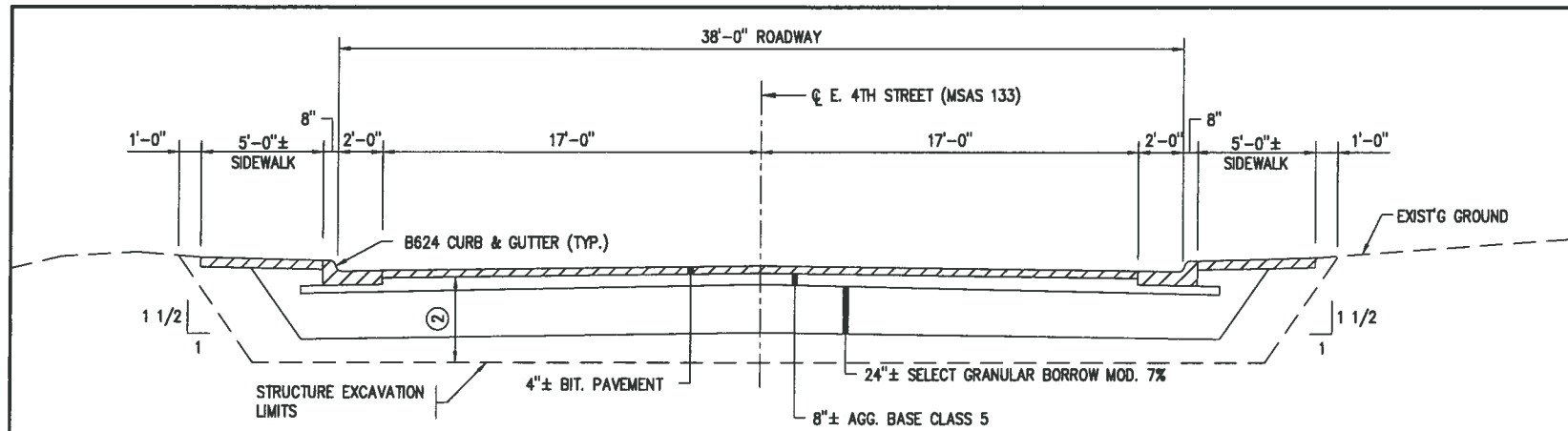
Initial

Item No.	Spec. No.	Description	Unit	Est. Qty	Unit Price	Total Price
1	2021.501	MOBILIZATION	LUMP SUM	1		
2	2104.501	REMOVE CURB & GUTTER	LIN FT	240		
3	2104.503	REMOVE BITUMINOUS PAVEMENT	SQ FT	2,210		
4	2104.503	REMOVE CONCRETE PAVEMENT	SQ FT	2,040		
5	2104.503	REMOVE CONCRETE WALK	SQ FT	1,193		
6	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	78		
7	2105.522	SELECT GRANULAR BORROW MOD 7% (CV)	CU YD	1318 (P)		
8	2105.601	DEWATERING	LUMP SUM	1		
9	2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1		
10	2211.503	AGGREGATE BASE (CV), CLASS 5	CU YD	167		
11	2360.501	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)	TON	55		
12	2401.501	STRUCTURAL CONCRETE (3Y43)	CU YD	17		
13	2401.541	REINFORCEMENT BARS (EPOXY COATED)	POUND	1,240		
14	2401.601	STRUCTURE EXCAVATION	LUMP SUM	1		
15	2401.601	SLOPE PREPARATION	LUMP SUM	1		
16	2401.602	STONE CAP TYPE 1	EACH	1		
17	2406.553	BRIDGE APPROACH PANELS	SQ YD	262		
18	2411.602	ARCH FASCIA STONES	EACH	39		
19	2433.516	ANCHORAGES TYPE 1	EACH	7		
20	2433.516	ANCHORAGES TYPE 2	EACH	51		

21	2433.516	ANCHORAGES TYPE 3		EACH	54	
22	2433.602	REMOVE & RESET STONE CAP		EACH	8	
23	2433.603	CLEAN AND SEAL JOINTS TYPE 1		LIN FT	149	
24	2433.618	CONCRETE SURFACE REPAIR		SQ FT	150	
25	2433.618	STONE REPAIR		SQ FT	22	
26	2451.501	STRUCTURE EXCAVATION CLASS R		CU YD	2	
27	2481.618	MEMBRANE WATERPROOFING		SQ FT	4,085	
28	2502.601	DRAINAGE SYSTEM TYPE SPECIAL		LUMP SUM	1	
29	2521.501	4" CONCRETE WALK		SQ FT	1,193	
30	2531.501	CONCRETE CURB & GUTTER DESIGN B624		LIN FT	120	
31	2541.618	TUCKPOINT MASONRY JOINTS (TYPE A)		SQ FT	2,660	
32	2541.618	TUCKPOINT MASONRY JOINTS (TYPE B)		SQ FT	1,555	
33	2563.601	TRAFFIC CONTROL		LUMP SUM	1	
34	2573.502	SILT FENCE TYPE HI		LIN FT	395	
35	2574.525	COMMON TOPSOIL BORROW		CU YD	50	
36	2575.505	SODDING TYPE LAWN		SQ YD	34	
37	2575.555	TURF ESTABLISHMENT		LUMP SUM	1	
38	2575.523	EROSION CONTROL BLANKETS CATEGORY 3		SQ YD	572	

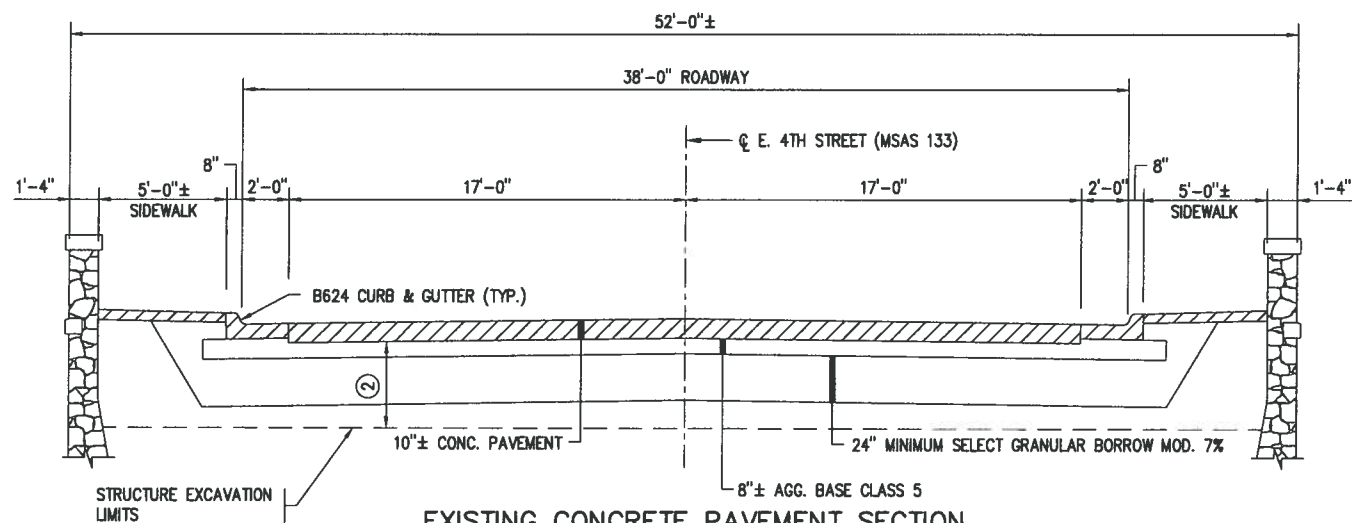
GRAND TOTAL: \$

Initial



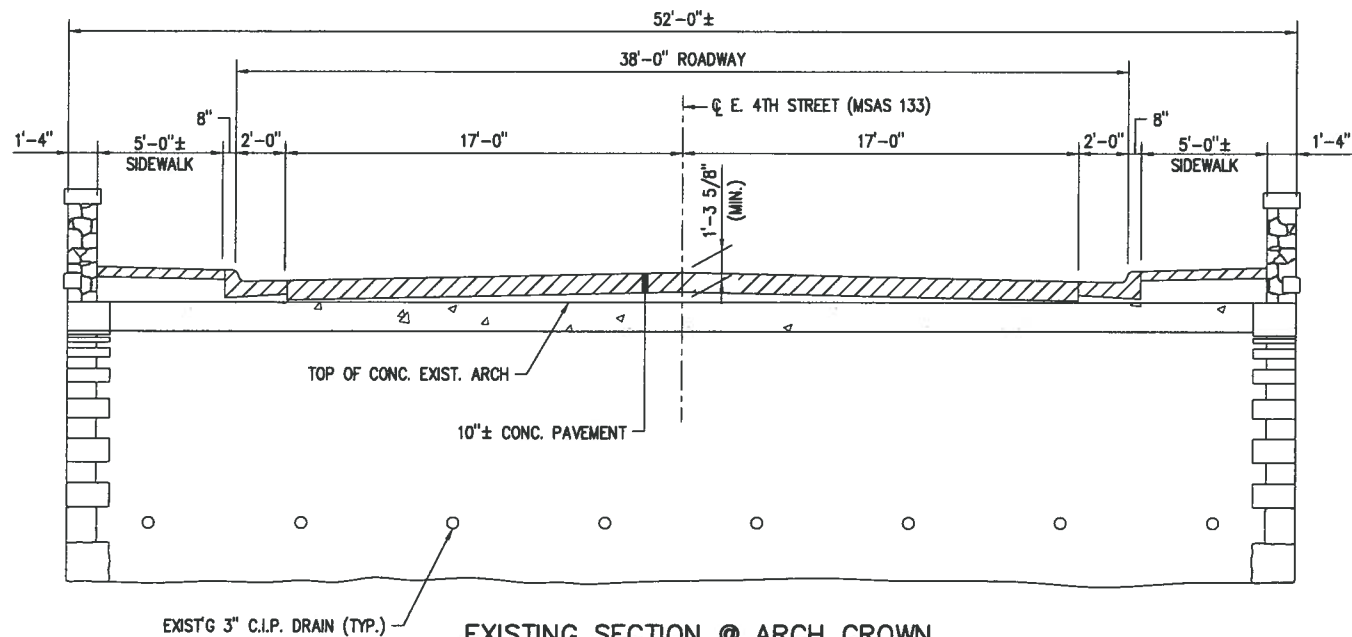
EXISTING BITUMINOUS PAVEMENT SECTION

STA. 118+75.00 TO STA. 119+06.83 AND STA. 119+66.83 TO 120+00.00



EXISTING CONCRETE PAVEMENT SECTION

STA. 119+06.83 TO STA. 119+66.83



EXISTING SECTION @ ARCH CROWN

STA. 119+37.04

ESTIMATED QUANTITIES					
BID ITEM	SPEC. NO.	ITEM	UNIT	ESTIMATED QUANTITY	FINAL ESTIMATED QUANTITY
1	2021.501	MOBILIZATION	LUMP SUM	1	
2	2104.501	REMOVE CURB AND GUTTER	LIN FT	240	
3	2104.503	REMOVE BITUMINOUS PAVEMENT	SQ FT	2210	
4	2104.503	REMOVE CONCRETE PAVEMENT	SQ FT	2040	
5	2104.503	REMOVE CONCRETE WALK	SQ FT	1193	
① 6	2104.513	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	78	
7	2105.522	SELECT GRANULAR BORROW MOD 7% (CV)	CJ YD	1318 (P)	
8	2105.601	DEWATERING	LUMP SUM	1	
9	2105.601	TEMPORARY STREAM DIVERSION SYSTEM	LUMP SUM	1	
10	2211.503	AGGREGATE BASE (CV) CLASS 5	CJ YD	167	
11	2360.501	TYPE SP 12.5 WEARING COURSE MIXTURE (3,C)	TON	55	
12	2401.501	STRUCTURAL CONCRETE (3Y43)	CJ YD	17	
13	2401.541	REINFORCEMENT BARS (EPOXY COATED)	POUND	1240	
② 14	2401.601	STRUCTURE EXCAVATION	LUMP SUM	1	
15	2401.601	SLOPE PREPARATION	LUMP SUM	1	
16	2401.602	STONE CAP TYPE 1	EACH	1	
17	2406.553	BRIDGE APPROACH PANELS	SQ YD	262	
18	2411.602	ARCH FASCIA STONES	EACH	39	
19	2433.516	ANCHORAGES TYPE 1	EACH	7	
20	2433.516	ANCHORAGES TYPE 2	EACH	51	
21	2433.516	ANCHORAGES TYPE 3	EACH	54	
22	2433.602	REMOVE AND RESET STONE CAP	EACH	8	
23	2433.603	CLEAN AND SEAL JOINTS TYPE 1	LIN FT	149	
24	2433.618	CONCRETE SURFACE REPAIR	SQ FT	150	
25	2433.618	STONE REPAIR	SQ FT	22	
26	2451.501	STRUCTURE EXCAVATION CLASS R	CJ YD	2	
27	2481.618	MEMBRANE WATERPROOFING	SQ FT	4085	
28	2502.601	DRAINAGE SYSTEM TYPE SPECIAL	LUMP SUM	1	
29	2521.501	4" CONCRETE WALK	SQ FT	1193	
30	2531.501	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	120	
31	2541.618	TUCKPOINT MASONRY JOINTS (TYPE A)	SQ FT	2660	
32	2541.618	TUCKPOINT MASONRY JOINTS (TYPE B)	SQ FT	1555	
① 33	2563.601	TRAFFIC CONTROL	LUMP SUM	1	
34	2573.502	SILT FENCE, TYPE HI	LIN FT	395	
③ 35	2574.525	COMMON TOPSOIL BORROW	CJ YD	50	
④ 36	2575.505	SODDING TYPE LAWN	SQ YD	34	
⑤ 37	2575.555	TURF ESTABLISHMENT	LUMP SUM	1	
38	2575.523	EROSION CONTROL BLANKETS CATEGORY 3	SQ YD	572	

KEY NOTES:

- THIS ITEM SHALL ALSO INCLUDE SAWING THE B624 CONCRETE CURB AND GUTTER AT THE INDICATED CONSTRUCTION LIMITS.
- STRUCTURE EXCAVATION LIMITS VARY. SEE SHEET 23 FOR LIMITS. ALL EARTH EXCAVATION FROM BOTTOM OF PAVEMENT/SIDEWALK TO THE INDICATED LIMITS SHALL BE INCLUDED IN PRICE BID FOR ITEM "STRUCTURE EXCAVATION" EST. QUANTITY IS 1485 CJ. YD.
- PLACE 3" TOPSOIL IN SOD AREAS AND IN TURF ESTABLISHMENT AREAS ON BRIDGE SLOPES PRIOR TO SEEDING AND FERTILIZING. THIS ITEM WILL BE MEASURED AND PAID FOR AS A LOOSE VOLUME (LV) ITEM.
- PLACE SOD BETWEEN 4" CONCRETE WALK AND BACK OF CURB AND BETWEEN 4" CONCRETE WALK AND ROADWAY FACE OF WINGWALLS.
- TO BE USED ON BRIDGE SLOPES FROM EDGE OF STREAM TO END OF WINGWALLS AND ANY OTHER DISTURBED AREAS WITHIN THE PROJECT LIMITS THAT ARE NOT COVERED BY SOD. TURF ESTABLISHMENT SHALL BE PERFORMED AS FOLLOWS:
 - SEED MIXTURE 36-311 AT THE RATE OF 70 POUNDS PER ACRE.
 - FERTILIZER TYPE 3 AT THE RATE OF 350 POUNDS PER ACRE.

GENERAL NOTES:

- WITHIN THE PLAN WHEREVER THE WORD INCIDENTAL IS USED IT SHALL MEAN NO DIRECT PAYMENT WILL BE MADE FOR THAT ITEM.
- (P) INDICATES PLAN QUANTITY.

STANDARD PLATES

THE FOLLOWING STANDARD PLATES, APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT.

PLATE NO.	DESCRIPTION
3131C	PRECAST CONCRETE HEADWALL FOR SUBSURFACE DRAINS
7000E	INTERGRANT CURBS (DESIGN B, DESIGN V AND DESIGN D)
7100H	CONCRETE CURB AND GUTTER (DESIGN B AND DESIGN V)
8000I	STANDARD BARRICADES

REV. NO.	DATE	REVISION	DRAWN BY	CHECKED BY
1	07/22/14	ADDED TRAFFIC CONTROL BID ITEM AND CHANGED RATE OF FERTILIZER	GAV	JWS

DES: LMK	DR: JRM	APPROVED:	Bridge No. L6113
CHK: JWS	CHK: JWS		

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
NAME: *Jon Siter* LIC. NO. 25128 DATE 04/22/2014

State Proj. No. 118-133-007

STATEMENT OF ESTIMATED QUANTITIES & TYPICAL SECTIONS

Sheet No. 13 of 28 Sheets