

AMENDMENT NO. 1 To CONTRACT NO. 20529

Contract Start Date: November 27, 2007

Original Completion Date: N/A

Amendment Completion Date: N/A

Original Total Amount: \$51,901.00

As Previously Amended: \$51,901.00

Current Amendment: \$97,833.00

New Total Contract Amount: \$149,734.00

This amendment, effective as of the date of attestation by the City Clerk (the "Effective Date"), by and between the City of Duluth, hereinafter referred to as "City", and LHB, Inc. located at 21 West Superior Street Suite 500, Duluth, MN, hereinafter referred to as "Consultant", for the purpose of rendering services to the City.

WHEREAS, on November 27, 2007, City and Consultant entered into an agreement bearing City of Duluth Contract No. 20529 for Bridge No. L8516 on Fairmont Street at Tischer Creek, Bridge No. L5931 on Niagra Street at Chester Creek and Bridge No. L8491 on 38th Avenue West at Lemagie Creek, which contract has not been previously amended and is hereinafter referred to as the "Contract"; and

WHEREAS, it was originally contemplated that Consultant would provide design plans and construction inspection services to replace Bridge L8516 with a dual barrel box culvert.

WHEREAS, during the course of the project and after of the culvert design was almost complete, the decision was made to replace Bridge L8516 with a new bridge to allow for the restoration of Tischer Creek to a more natural state.

WHEREAS, both parties desire to amend the Contract because this change in scope of the project will cause Consultant to incur additional expenses.

NOW THEREFORE, in consideration of the mutual covenants and conditions hereinafter set forth, the parties hereto hereby agree as follows:

The not to exceed amount of the Contract shall be increased to One Hundred Forty Nine Thousand One Hundred Eighty Three Dollars (\$149,734.00)

Consultant agrees to provide all professional engineering services necessary for the design and construction inspection for the new bridge to be constructed to replace Bridge L8516. Consultant shall bill for these services at the hourly rates detailed in the attached Exhibit A.

In all other respects the contract, together with all of its terms, covenants and conditions, is hereby confirmed in its entirety.

IN WITNESS WHEREOF, the parties have hereunto set their hands as of the effective date thereof.

CITY OF DULUTH

LHB, Inc

By: _____
Mayor

By: _____

Attest:

Its: _____
Title of Representative

By: _____
City Clerk

Date: _____

Date: _____

Countersigned:

City Auditor

Approved as to form:

City Attorney

EXHIBIT A

FEE ESTIMATE WORKSHEET

LHB Labor Summary

Project Name

Client
Preparer

**Bridge 69A45- Fairmont Street
Over Tischer Creek
City of Duluth
JDL**



FINAL DESIGN AND CONSTRUCTION PHASE

65' Long Bridge - 26 Foot Clear Width - 400' Bit. Approach w/ lighting and utilities

Temp Bypass Required, 2016 or 2017 CONSTRUCTION- Est. 14-15 Weeks

Project Breakdown - Task Description		P1	P5	P8	P11	P13	T3	T8	A1	Total Labor Costs
		Project Principal	Project / Disc. Mgr.	Project Eng.	Eng. XI	Eng. XIII	Sr. Tech Designer	Intermed. Designer	Admin. Assist.	
		\$155	\$140	\$90	\$84	\$70	\$90	\$86	\$65	
Task 1 - Added Bridge Design Tasks										
Lighting Plan and Details		1.00	4.00				12.00			\$1,795
General Plan & Elevation			1.00		6.00		10.00			\$1,544
Abutment Geometrics & Reinforcement (2 Sheets)		1.00	1.00		10.00		24.00			\$3,295
Wingwall Elevation & Details					8.00		10.00			\$1,572
Abutment Sections & Details			1.00		8.00		8.00			\$1,532
Abutment Quantities and Bill of Reinforcement			1.00		8.00		8.00			\$1,532
Bridge Survey - Plan & Profile					2.00		3.00			\$438
Bridge Survey - Borings			1.00		2.00		2.00			\$488
										\$0
Task 2 - Preconstruction										\$0
Gather Information							1.00			\$90
Preconstruction Conference			2.00				2.00			\$460
Review Shop Drawings and Submittals				1.00			2.00			\$270
Bridge Construction Grades and Elevations				6.00						\$540
										\$0
Task 3 - On Site Construction Observation										\$0
Est 15 Wks. At 30 hrs/ Wk. Avg. with Travel		4.00	30.00				450.00			\$45,320
										\$0
Task 4 - Documentation and Recordkeeping										\$0
Daily Diary							12.00			\$1,080
Weekly Diary, Working Days							8.00			\$720
Labor Compliance Reviews							4.00			\$360
Materials Certification							8.00			\$720
Pay Estimates (6 total)			2.00				6.00			\$820
Item Record Accounts							8.00			\$720
Change in Construction Status				1.00			2.00			\$270
Work Orders				1.00			2.00			\$270
Change Orders/ Supplemental Agreements			3.00				6.00			\$960
Record Drawings							4.00			\$360
										\$0
Task 5 - Construction Staking- Bridge and Grading										\$0
Initial Control and Bench Marks							1.00	6.00		\$606
Construction Limits								8.00		\$688
Abutment Work Points (Two times each abutment)				1.00				12.00		\$1,122
Deck Lines and Grades				6.00			4.00	14.00		\$2,104
Subcut Stakes								10.00		\$860
Blue Tops (Super Elevation)				6.00				16.00		\$1,916
Culverts, Curb, Misc.								10.00		\$860
										\$0
Task 6 - Project Coordination, Closeout and Finals										\$0
Project Weekly Construction Meetings (Assume 10)			18.00							\$2,520
Assemble Final Documentation			2.00	4.00			16.00			\$2,080
Final Materials Certification				2.00			10.00			\$1,080
Total Hours		6	66	28	44	0	623	76	0	
Travel	Miles	# Trips	Rate	Cost	Direct Costs		Cost	Labor		\$78,992
Construction Vehicle				\$3,400	Mail / Delivery		\$0	Travel Costs		\$3,400
at \$1000/ month					Printing		\$0	Direct Costs		\$14,890
					Design Boring- EPC		\$3,890			
					Materials Testing		\$11,000			
					(Estimated)					
Total Travel Costs				\$3,400	Total Direct		\$14,890			
					Total Not To Exceed Cost					\$97,282