



September 2, 2022

Patrick F. Loomis, PE
Project Engineer
City of Duluth
411 West First Street, Room 240
Duluth, MN 55802

PROPOSAL FOR PROFESSIONAL SERVICES BRIGHTON BEACH ROADWAY

The City of Duluth is requesting engineering design services for the construction of a new roadway through Brighton Beach Park. The new roadway will connect to Trunk Highway 61 at a new entrance location that will require the addition of new turn lanes and bypass lane on TH 61. The Brighton Beach roadway is approximately 0.60-miles long and will terminate at a new entrance location located on Scenic Highway 61. The project will consist of full-depth bituminous pavement construction; selective placement of curb and gutter; fence; walk and trail connections and stormwater design. The roadway design will be integrated with and bid as a common plan with the City's Brighton Beach Park Improvements project. The project will be designed and administered in accordance with City and State Aid requirements.

Scope of Services

LHB's detailed work plan and project costs are attached.

Proposed Fee

LHB proposes a hourly not to exceed fee of Seventy-Five Thousand Six Hundred Dollars (\$75,600) including reimbursable expenses.

We appreciate the opportunity to provide you with our services. We look forward to working with you. Please contact me at 218-213-2604 if you have any questions.

LHB, INC.

A handwritten signature in blue ink, appearing to read "BRAD SCOTT".

BRAD SCOTT, PRINCIPAL

c: Cari Pederson, City of Duluth
Patrice Stalvig, City of Duluth
LHB Project No. 220990

Attachment: LHB Work Plan and Cost Summary

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LHB WORK PLAN AND COST SUMMARY

Labor Summary

Brighton Beach Roadway
City of Duluth
LHB

LHB #220990
September 2, 2022

Project Breakdown Task Description	P3	P7	P7	T1	Total Labor Costs (\$)
	Project Manager	Drainage Engineer	Roadway Engineer	Senior Technician	
	\$ 180	\$ 145	\$ 145	\$ 115	
					\$ -
Task 1 - Project Management					\$ -
Project Communication, Coordination,	2		2		\$ 650
Prepare and Update/Maintain Project Progress			2		\$ 290
Project Team Meetings (Assume 3 Meetings)	6	2	6	1	\$ 2,355
					\$ -
Task 2 - Project Development					\$ -
Gather Information Compile Design Files			8	50	\$ 6,910
Topographic Survey (Assumed not Req'd)					\$ -
Mapping (Assumed not Req'd)					\$ -
Hydraulic Analysis		32			\$ 4,640
					\$ -
Task 3 - Final Design - MnDOT Intersection Design					\$ -
MnDOT Meetings & Coordination	4	2	4		\$ 1,590
Plan and Profile - 2 Sheets		8	16	20	\$ 5,780
Traffic Control - 6 Sheets			8	16	\$ 3,000
Cross Sections - 10 Sheets			8	20	\$ 3,460
					\$ -
Task 4 - Final Design - Brighton Roadway					\$ -
Title Sheet & Index Map - 1 Sheet			1	2	\$ 375
Statement of Estimated Quantities - 2 Sheets			8	8	\$ 2,080
Construction Notes, Standard Plates		1	2	2	\$ 665
Earthwork Quantities - 1 Sheet			4	20	\$ 2,880
Typical Sections - 6 Sheets			6	18	\$ 2,940
Tabulation Sheets - 4 Sheets		20	8	16	\$ 5,900
Construction Details		6	2	6	\$ 1,850
Standard Plans			2	2	\$ 520
Drainage Design, Culvert Profiles		12		4	\$ 2,200
Traffic Control (2 Sheets)			6	8	\$ 1,790
Erosion Control (2 Sheets)			8	16	\$ 3,000

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	Project Manager	Drainage Engineer	Roadway Engineer	Senior Technician	
	\$ 180	\$ 145	\$ 145	\$ 115	
Striping & Signing Plan - 6 Sheets			6	12	\$ 2,250
Plan & Profile - 6 Sheets			24	32	\$ 7,160
Cross Sections - 40 Sheets			20	60	\$ 9,800
QA / QC Plan Review	6				\$ 1,080
					\$ -
Task 5 - Final Design - Project Coordination	1		2	4	\$ 930
Special Provisions	4				\$ 720
Engineers Estimate					\$ -
Pre-Bid Support	1		1		\$ 325
Staking Files, Etc.				4	\$ 460
					\$ -
Total Hours	24	83	154	321	
Travel Expenses	Rate		Other Direct Expenses	Cost	\$ 75,600
Travel (Airfare, Meals, Hotel, Rental Car, Gas, etc.)			Mail / Delivery	\$ -	\$ -
	\$ -		Printing	\$ -	\$ -
	\$ -		Other	\$ -	
	\$ -			\$ -	\$ -
Total Travel Expenses			Total Direct Expenses	\$ -	\$ 75,600.00