



**Project Name** St. Andrews Street Box Culvert CA  
**Client** City of Duluth  
**Preparer** Jon Siiter

**Project Number** 190671  
**Date** October 16, 2023

**2023 FEE ESTIMATE WORKSHEET**

Project Breakdown Task Description	P1	P3	P4	P5	P7	P9	P12	T1	T3	T4	T7	T10	T12	Total Labor Costs (\$)
	Project Principal	Profess. Eng.	Profess. Eng.	Profess. Eng.	Profess. Eng.	Profess. Eng.	Profess. Eng.	Senior Tech.	Senior Tech.	Lead Tech.	Inter. Tech.	Tech.	Tech.	
	\$ 240	\$ 205	\$ 180	\$ 170	\$ 150	\$ 125	\$ 105	\$ 130	\$ 115	\$ 105	\$ 90	\$ 75	\$ 65	
<b>TASK 1 - CONSTRUCTION PROJECT COORD.</b>														\$ -
Preconstruction Conference (Virtual)		2								4				\$ 830.00
Project Weekly Meetings (4)		4								4				\$ 1,240.00
Project Management & Updates		2												\$ 410.00
Utility Coordination and Meetings		2				8								\$ 1,410.00
														\$ -
<b>TASK 2 - ON SITE OBSERVATION</b>														\$ -
Period A - Early Clearing		1								20				\$ 2,305.00
Period B - 8 Weeks x 45 Hours/Week		8								360				\$ 39,440.00
<b>TASK 3 - DOCUMENTATION &amp; RECORDKEEPING</b>														\$ -
Daily Diary										2				\$ 210.00
Weekly Diary, Working Day Tracking										2				\$ 210.00
Labor Compliance Reviews										1				\$ 105.00
Materials Certification										2				\$ 210.00
Pay Estimates (2+Final Assumed)		1								6				\$ 835.00
Item Record Accounts										4				\$ 420.00
Change in Construction Status Forms										2				\$ 210.00
Work Orders		1								4				\$ 625.00
Record Drawings										4				\$ 420.00
														\$ -
<b>TASK 4 - CONSTRUCTION SURVEY &amp; STAKING</b>														\$ -
Clearing Limits, ROW, TE (1 Trip)										8				\$ 840.00
Initial Control, Bench Marks, & Const. Limits (1 Trip)										8				\$ 840.00
Subcut Stakes (1 Trip)										8				\$ 840.00
Blue Tops, Culverts, Misc. (1 Trip)										8				\$ 840.00
Water Line (1 Trip)										5				\$ 525.00
Curb & Gutter & Storm Sewer (2 Trips)										16				\$ 1,680.00
														\$ -
<b>TASK 5 - PROJECT CLOSEOUT</b>														\$ -
Assemble Closeout Materials		2								40				\$ 4,610.00
Final Material Certification		2												\$ 410.00
														\$ -
<b>Total Hours</b>	-	25	-	-	-	8	-	-	-	508	-	-	-	
Travel Expenses	Qty	Rate	Cost	Other Direct Expenses				Cost	<b>Labor Cost</b>				\$ 59,465.00	
Inspector 4WD Pick-up (\$100/Day)	40	100.00	4,000.00	Mail / Delivery					<b>Travel Costs</b>				\$ 5,750.00	
GPS Unit	7	150.00	1,050.00	Printing					<b>Direct Costs</b>				\$ -	
Surveyor 4WD Pick-up (\$100/Day)	7	100.00	700.00	Other					<b>CME Testing (Braun)</b>				\$ 9,630.00	
		-	-											
		-	-											
		-	-											
		-	-											
<b>Total Travel Costs</b>			5,750.00	<b>Total Direct Costs</b>				-	<b>Total Estimated Cost</b>				\$ 74,845.00	