



July 25, 2025

Jim Shoberg  
Property and Facilities Manager  
City of Duluth  
411 West 1<sup>st</sup> Street  
Duluth, Mn 55802

Re: **REVISED** Proposal for Additional Services—Amendment No.1  
Marten Trail Segments 0, 1, 2 Design and Construction  
TKDA Project No. 0020819.000

Dear Mr. Shoberg:

Following up on our discussions, TKDA is pleased to provide a **REVISED** Proposal Additional Engineering Services in connection with the Marten Trail Segments 0, 1, 2 Design and Construction, as detailed below. ***This Proposal supersedes our original Proposal submitted on June 18, 2025.***

A number of additional services have been requested for the Marten Trail project, due to a complex site and coordination of multiple projects that are happening within and adjacent to the Marten Trail route.

Based on our understanding of the Project, TKDA will provide the following Additional Engineering Services:

1. Segment 0: Topographic survey and design for reroute of Indian Point fishing pier access trail, meeting Architectural Barriers Act (ABA) compliance.
2. Segment 0: Design of fishing pier abutment located at Indian Point.
3. Segment 0: Field verify existing culverts.
4. Segment 0: Hydraulics analysis of culverts at Connie's landing bay (5 culverts total).
5. Segment 0: Alignment survey, review and adjustment of Tate & Lyle trail reroute area. Revised plans should be labeled and included for bidding as an alternate. Survey work does not include a full topographic survey, only survey of the newly flagged desired alignment.
6. Segment 0: Endangered species location review for maintenance of 12-foot buffer zone.
7. Segment 0: Staking of construction limits along the Striker Bay area.
8. Segment 1: Endangered species location review for maintenance of 12-foot buffer zone.
9. Segment 1: Shoreland restoration assessment and mitigation design and permitting. Design of trail segment within this area (pinch point along shore) to a boardwalk section.
10. Segment 2: Attendance of meetings with the EPA and City to discuss the impact of PCB contamination along the trail route, how earthwork for the trail would be impacted, and calculations to quantify how much contaminated material would be disturbed for the trail work.
11. Segment 2: Review new soil borings for Stewart Creek Bridge and incorporate results into the bridge abutment design. It has been determined that we needed to adjust the alignment at the bridge location, pre-design alignment did not leave enough room for the existing sanitary sewer utilities that are near the originally desired creek crossing. Additional design time requested due to the project schedule being delayed.
12. Segment 2: Final design review of preliminary railroad tunnel plans.
13. Segment 2: Addition of the Zimmerly Connector segment. This connector was redesigned to a different alignment due to the large cut from the tunnel and the need to avoid disturbance of an existing stormwater basin while keeping the connector ABA compliant.

It was determined that the scope of several services that were requested are dependent on results of the services included above. These will need to be future additional services if it is found that they are required. The following services are not included at this time:

1. Wetland disturbance permitting.
2. Shoreland erosion mitigation design.
3. Shoreland erosion mitigation permitting.

PERIOD OF SERVICE: TKDA estimates these Additional Services will result in a revised completion date of July 30, 2025, for final completion of construction plans and the project manual, contingent on timely reviews and coordination by other parties.

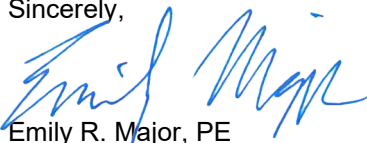
TKDA respectfully requests compensation for these Additional Services in the not-to-exceed amount of **\$54,326.00** resulting in a revised contract total of **\$153,949.00**, as summarized below:


Description	Amount
Original Contract Amount	\$99,623.00
<b>This Amendment #1</b>	<b>\$54,326.00</b>
<b>Revised Total Contract Amount through this Amendment</b>	<b>\$153,949.00</b>

If this Proposal is acceptable, please sign where indicated below and return a copy, or respond in writing with your approval. We agree, with City of Duluth acceptance, that this Proposal will constitute Amendment 1 to our Project contract, dated July 24, 2023.

We thank you for the opportunity to submit this **REVISED** Proposal and look forward to continuing to work with you on this important Project. If you have any questions or concerns, please do not hesitate to contact Emily Major at 218.216.3142 or [emily.major@tkda.com](mailto:emily.major@tkda.com).

Sincerely,

  
Emily R. Major, PE  
Project Manager

  
Matthew J. Christensen, PE  
Vice President, Surface Transportation

Attachment: Supplemental Project Fee Estimate

ACCEPTED FOR CITY OF DULUTH

By: \_\_\_\_\_  
(Signature) Printed Name/Title Date

ERM:MJC:lmf:jae



## Project Fee Estimate

Client:		City of Duluth												Date:		7/24/2025	
Project:		Marten Trail Segment												By:		ERM	
Task	Task Description	Estimated Person Hours Required														Totals	
		PM	Reg Eng	RLS	Eng Spec I	Tech II	Tech II	Stormwater	Sr Eng	Reg Eng	Sr Eng	Reg Eng	Tech I	Admin			
Segment 0																	
1	Topographic Survey: Indian Point Fishing Pier Access	4		4	4	8	8									28	
2	Grading Design: Indian Point Fishing Pier Access	12	30													42	
3	Plan Sheets: Indian Point Fishing Pier Access	8	12													20	
4	Indian Point Fishing Pier Abutment	2	4													6	
5	Field Verify Existing Culverts	8	8													16	
6	Hydraulics Analysis Connie's Landing Culverts	2	4					16								22	
7	Topographic Survey: Tate & Lyle Reroute	1		1	1	2	2									7	
8	Grading Design: Tate & Lyle Reroute	12	30													42	
9	Plan Sheets: Tate & Lyle Reroute	8	12													20	
10	Endangered Species Location Review	1	2													3	
11	Staking of Stryker Bay Construction Limits	2		1		4	4									11	
	SUBTOTAL HOURS	60	102	6	5	14	14	16	-	-	-	-	-	-	-	217	
	SUBTOTAL COST	\$ 10,560	\$ 12,954	\$ 1,380	\$ 680	\$ 1,358	\$ 1,330	\$ 2,448	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,710	
Expenses:																	
Travel & Subsistence (TS)																	\$ 1,508
Miscellaneous (MI)																	\$ 1,260
Reproduction & Reprographics (RR)																	\$ -
Subconsultant: GEI																	\$ -
Subconsultant Mark-Up																	\$ -
Subtotal																	\$ 33,478
ROUNDED																	\$ 33,500
Segment 1																	
1	Endangered Species Location Review	1	2													3	
2	Shoreland Erosion Mitigation Assessment	6	6						4	4						20	
3																-	
4																-	
5																-	
	SUBTOTAL HOURS	7	8	-	-	-	-	-	4	4	-	-	-	-	-	23	
	SUBTOTAL COST	\$ 1,232	\$ 1,016	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000	\$ 640	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,888	
Expenses:																	
Travel & Subsistence (TS)																	\$ 246
Miscellaneous (MI)																	\$ -
Reproduction & Reprographics (RR)																	\$ -
Subconsultant																	\$ -
Subconsultant Mark-Up																	\$ -
Subtotal																	\$ 4,134
ROUNDED																	\$ 4,200
Segment 2																	
1	PCB Contamination Meetings	20														20	
2	Stewart Creek Bridge Abutments	4									4	28	24	4		64	
3	Final Design - Underpass Tunnel	6	6													12	
4	Zimmerly Connection	22														22	
5																-	
	SUBTOTAL HOURS	52	6	-	-	-	-	-	-	-	4	28	24	4		118	
	SUBTOTAL COST	\$ 9,152	\$ 762	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 912	\$ 3,724	\$ 1,776	\$ 388	\$	\$ 16,714	
Expenses:																	
Travel & Subsistence (TS)																	\$ -
Miscellaneous (MI)																	\$ -
Reproduction & Reprographics (RR)																	\$ -
Subconsultant																	\$ -
Subconsultant Mark-Up																	\$ -
Subtotal																	\$ 16,714
ROUNDED																	\$ 16,800
SUMMARY																	
Segment 0		60	102	6	5	14	14	16	-	-	-	-	-	-	-	217	
Segment 1		7	8	-	-	-	-	-	4	4	-	-	-	-	-	23	
Segment 2		52	6	-	-	-	-	-	-	-	4	28	24	4		118	
TOTAL HOURS		119	116	6	5	14	14	16	4	4	4	28	24	4		358	
TOTAL COST		\$ 20,944	\$ 14,732	\$ 1,380	\$ 680	\$ 1,358	\$ 1,330	\$ 2,448	\$ 1,000	\$ 640	\$ 912	\$ 3,724	\$ 1,776	\$ 388	\$	\$ 51,312	
Expenses:																	
Travel & Subsistence (TS)																	\$ 1,754
Miscellaneous (MI)																	\$ 1,260
Reproduction & Reprographics (RR)																	\$ -
Subconsultant																	\$ -
Subconsultant Mark-Up																	\$ -
TOTAL																	\$ 54,326
TOTAL (ROUNDED)																	\$ 54,400