



August 5, 2022

RE: City of Duluth
Cross City Trail Phase 3 Final Design
Proposal
SEH No. DULUT 159621

Mr. Patrick Loomis, PE
Project Engineer
City of Duluth Engineering
411 West First Street
Duluth, MN 55802

Dear Mr. Loomis:

Project Background

In 2016 we studied the Cross City Trail Phase 3 corridor and provided the City with four potential routes and corresponding cost estimates. With City and public input, the four options were reduced to two. Both options were part of the Cross City Trail Mini Master Plan the City completed in 2017. In that Plan, it was discussed that a future study and public engagement would need to be completed to determine the most feasible, cost effective, and user-friendly route.

During 2021, we further studied the two options and provided layouts and cost estimates for options of each alternative. We also provided wetland delineations, environmental documentation, and staff meetings. From this work, the City has selected a preferred alternative which includes: 1) Reconstruct trail through Irving Park from Central Avenue to 57th Avenue West, 2) New trail construction from 57th to 59th Avenue West utilizing the existing gravel road, 3) New off street trail construction on 59th Avenue south to Raleigh Street, 4) Reconstruct Western Waterfront Trail from the existing parking lot / trailhead on Grand Avenue to the Kingsbury Creek Bridge. The portion of trail from Kingsbury Creek to Pulaski Street will remain as is.

We understand the City now has secured \$600,000 in FHWA funds along with your local match of \$210,000 for fiscal year 2023 to construct Phase 3 of Cross City Trail. At this time, the City is interested in working with SEH to complete the final design and specifications for the preferred alternative along with construction services assistance.

Work Plan

Our specific scope of services to complete this project include:

Final Design Through Bidding

- Project Management and meetings (2 stakeholder and 6 staff meetings)
- Field review of preferred routes with MnDOT State Aid staff
- Topographic survey of 59th Avenue West
- Drainage design
- Wetland impact identification and permitting
- Project Memorandum

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 418 West Superior Street, Suite 200, P.O. Box 229, Duluth, MN 55801-0229

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- Coordination with Minnesota Power for easement on gravel alley off 59th that runs east to 58th
- Final Design and specifications suitable for State Aid approval
- Bidding Assistance and bid review

Assumptions

Our work plan is based on the following assumptions:

- City will provide GIS mapping, parcel, right-of-way, and utility information
- Right-of-way and easement impacts will be based on County Land Explorer
- Retaining walls will not be required on 59th Avenue West
- Rail crossing design is not included on Western Waterfront trail

Schedule

We are prepared to begin work immediately upon receipt of a signed contract.

Fee Estimate

Our fee for the above work plan for design through bidding is \$86,200.

Future Work

We understand you will be looking for assistance with Construction Administration, Observation, and Staking during construction. The following estimated fee can be used for budgeting purposes. We will provide an updated Fee Proposal for these services at the time of bidding.

- Construction Administration, Observation (full time for 10 weeks), and Staking - \$65,900

We look forward to continuing our work with you on the Cross City Trail Project and to discuss this proposal with you further. If you have any questions, please contact me at **218.260.9551** or via email at **mbolf@sehinc.com**.

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.



Matt Bolf, PE
Principal | Project Manager
(Lic. MN, WI)

mb/mh