



Title:	Authorizing Design Contract for Greenway to Cedar Trail Connection Project	
Resolution number:	24-056	
Prepared by:	Name: Gabriel Sherman, Planner-Project Manager Phone: 952-641-4510 gsherman@minnehahacreek.org	
Reviewed by:	Name/Title: Michael Hayman, Director of Project Planning	
Recommended action:	Authorize the District Administrator to negotiate and execute a contract for the Greenway to Cedar Trail Connection & Streambank Restoration design	
Schedule:	Fall 2024 – Fall 2025: Design and community engagement Winter 2024/2025: Project agreements Winter 2025/2026 – Summer 2026: Construction	
Budget considerations:	Fund name and code: SWLRT Trail Connection (3152) Fund budget: \$493,734 Expenditures to date: \$0 Total project costs: Estimated to be \$884,173, including stream restoration. Trail costs are estimated to be \$780,780. The \$200,000 grant award will be used to offset trail costs, which will be split evenly between MCWD and the City of St. Louis Park. Requested amount of funding: \$155,650 (\$141,500 base + 10% contingency)	
Past Board action:	Res # 12-080	Authorization to Enter into Contract with Wenck to Perform Urban Corridor Planning
	Res # 12-106	Authorization to Submit Prepared Comments on the Southwest Transitway Draft Environmental Impact Statement (DEIS) to Hennepin County
	Res # 14-009	Adopt Policy Framework “In Pursuit of a Balanced Urban Ecology in the Minnehaha Creek Watershed” to Guide Future Planning and District Initiatives
	Res # 15-084	Authorization to Enter into a Memorandum of Understanding with Professional Instruments Company for Cooperative Planning at 7800 Powell Road, Hopkins, MN
	Res # 22-050	Authorization to Proceed with Greenway to Cedar Trail Connection and Streambank Restoration Feasibility
	Res # 24-036	Authorization to Execute Grant Agreement with Hennepin County for Greenway to Cedar Trail Connection
	Res # 24-054	Ordering the Greenway to Cedar Trail Connection and Streambank Restoration Project

Summary:

Background

Since 2009, the Minnehaha Creek Watershed District (MCWD) has worked with municipal and private partners on a series of projects in the highly urbanized corridor between West 34th Street and Meadowbrook Lake (Hopkins and St. Louis Park) to address downstream water quality and quantity issues, lack of recreational access to Minnehaha Creek, and catalyze economic development. A conceptual design for the Minnehaha Creek Greenway encompassing these projects and identifying future projects in the corridor was developed in 2012, and once the 325 Blake Road Restoration and Redevelopment is complete, the Greenway to Cedar Trail Connection and Streambank Restoration project (the Project) will fill the remaining gap in the network of trails and greenspace.

The trail connection will bring the Greenway trail under the newly constructed Southwest Light Rail Transit (SWLRT) corridor, creating the final trail connection between the Minnehaha Creek Preserve and the Cedar Lake LRT Regional Trail near 325 Blake Road, providing uninterrupted pedestrian infrastructure along Minnehaha Creek between Methodist Hospital in St. Louis Park and Cottageville Park in Hopkins. This project also provides an opportunity to stabilize the streambanks and enhance the riparian zone of the stretch of Minnehaha Creek between 325 Blake Road and the Minnehaha Creek Preserve.

Feasibility

Initial feasibility work was conducted in 2015/2016 by Wenck (now Stantec). MCWD contracted with Stantec and Inter-Fluve in 2022 to conduct a more detailed feasibility study to reflect current conditions in the creek and rail corridors, model the floodplain, and advance two potential trail alignments to assess constructability and land rights. During feasibility, MCWD staff worked closely with the City of St. Louis Park to understand the city's trail design requirements, maintenance preferences, and potential funding sources.

The updated feasibility study resulted in two modified trail alignment options, each of which requires some degree of floodplain fill. To ensure the floodplain fill could be mitigated within the project boundaries, staff directed Inter-Fluve to conduct a HEC-RAS modeling exercise to determine the project impacts and identify areas for compensatory storage.

Partnerships

Since 2012, MCWD has worked closely with St. Louis Park, the Metropolitan Council, Hennepin County, and several private property owners to ensure support for the trail project. All project partners were re-engaged in 2022 as the updated feasibility study was scoped and conducted.

- **City of St. Louis Park:** St. Louis Park has identified the trail connection in its long-term non-motorized transportation planning document "Connect the Park" and has carried the project in an outyear of its CIP. When the City approves its 2025-2029 CIP in December 2024, it intends to move the project into the active CIP. The City Council also passed a resolution of support for the project on September 9, 2024, expressing its intention to fund half the trail cost (exclusive of ecological restoration).
- **Hennepin County:** Hennepin County awarded the MCWD a \$200,000 grant through its Southwest Community Works Program to offset a portion of the trail cost.
- **Metropolitan Council:** During the planning of the Southwest LRT, MCWD and St. Louis Park worked with the Green Line Extension Project Office to design the new rail and regional trail bridges over Minnehaha Creek to allow for a future trail connection underneath the bridges. As the current overseer of the entire SWLRT corridor while it is under construction, Met Council has also coordinated with MCWD on the required permits and access agreements necessary to construct and maintain the trail connection through the rail corridor and tie into the Cedar Lake LRT Regional Trail.
- **Three Rivers Park District (TRPD):** Once construction of the SWLRT is complete, TRPD will own and operate the Cedar Lake LRT Regional Trail and has coordinated the connector trail tie-in with MCWD.
- **Professional Instruments Company (PIC):** Throughout 2015 and 2016, MCWD also coordinated with PIC, a commercial property adjacent to Minnehaha Creek which will be impacted by a small portion of the trail connection. PIC is supportive of the project and a draft agreement was developed to memorialize coordination efforts during design and construction. The agreement will be finalized in 2025 as design progresses, and will reflect a sale or transfer of land rights allowing MCWD to construct its trail over a small portion of the property owned by PIC.

- **Private residences:** MCWD staff have had productive conversations with several private residential property owners immediately upstream of the rail and regional trail bridges. While the preferred trail alignment does not directly impact these properties, there is the potential to collaborate on additional streambank restoration.

Scope of Work, Budget, and Schedule

Stantec Consulting Services Inc., with Inter-Fluve, Inc. as subconsultant, has proposed a scope of work for design and engineering services to bring the Project through all stages of design and construction bidding. The scope of work is organized under eight major tasks, outlined below. A detailed scope, budget, and schedule is attached.

- **Task 1: Project Management** – Stantec, along with MCWD staff, will hold progress meetings at critical points in the design process (30%, 60%, 90%), as well as coordination meetings with affected property owners, public meetings, and internal and external permitting meetings.
- **Task 2: Site Investigation & Easements** – Stantec and Inter-Fluve will collect additional survey information that was not collected as part of feasibility, including completing an ALTA survey, utility locations, stream cross sections, easement documentation, soil borings, and wetland delineation. Stantec will also complete limited environmental due diligence through a desktop review of the site to determine if a Phase I Environmental Site Assessment is needed.
- **Task 3: Preliminary Design 30%** – Stantec will prepare preliminary 30% design documents and assess utility conflicts, trail alignment with respect to private properties, and construction staging needs. Inter-Fluve will update the hydraulic model with updated survey data.
- **Task 4: Preliminary Design 60%** – Stantec will update the 30% design to incorporate landowner and stakeholder input, and the hydraulic model will be updated with refined grading plans.
- **Task 5: Final Design 90%** – Stantec will update the 60% design to incorporate community feedback and stakeholder comments, and the hydraulic model will be updated with refined grading plans.
- **Task 6: Construction Documents 100%** – Stantec will complete final construction documents based on feedback and comments on the 90% design, including drawings, specifications, permit documentation, and opinion of probable cost.
- **Task 7: Permitting Assistance** – Stantec will provide permitting support to MCWD through the development of figures and project component descriptions.
- **Task 8: Bidding Assistance** – Stantec will provide bidding assistance through communication with bidders, attendance at a pre-bid meeting for prospective contractors, and bid tabulation and recommendation.

Stantec's and Inter-Fluve's tasks are expected to take about nine months to complete following contract execution and Notice to Proceed. Concurrently with these consultant-driven tasks, MCWD staff will coordinate with project partners and private landowners abutting the project. The proposed fee to carry out this scope of work is \$141,500.

October 10, 2024 MCWD Board Meeting

At the October 10, 2024 MCWD Board Meeting, staff will seek authorization for the Administrator to negotiate and execute a contract with Stantec for \$141,500, and authorization for the Administrator to issue change orders in the amount of 10% of the contract value. Staff has assessed that the Stantec and Inter-Fluve team is uniquely qualified to conduct this work based on Stantec's and Inter-Fluve's unique knowledge of the Project due to their previous 2015/2016 and 2022/2023 feasibility work and stream modeling, prior analysis of Minnehaha Creek crossings from Highway 169 to Excelsior Blvd (including hydraulic and elevation analysis of the SWLRT crossing), and existing relationships with adjacent property owners, St. Louis Park planning and engineering staff, and SWLRT project staff.

Next Steps

- **Contract Execution and Notice to Proceed:** Following authorization to contract for design and engineering services, MCWD staff will finalize the scope of work and execute the contract with Stantec. Technical design work will kick off following contract execution and notice to proceed.
- **Community Engagement:** MCWD staff will work closely with City staff to craft a community engagement plan that satisfies the statutory requirements of MCWD, while adding additional engagement and communications activities to meet the needs of the City and MCWD specific to this project. An initial public meeting is anticipated at 60% design.

- **Partnership Design Considerations and Agreements:** As design progresses, MCWD will continue conversations with all project stakeholders and partners listed above under “Partnerships” to finalize the trail alignment and the extent of the ecological restoration, and advance agreements related to construction, land and facility ownership and access, and operations and maintenance.

It is anticipated that community engagement, design, and agreements will all be completed in 2025, with construction occurring in late 2025 or 2026.

Supporting documents:

- Draft Scope of Work for Design and Engineering Services: Greenway to Cedar Trail Connection & Streambank Restoration



Stantec Consulting Services Inc.
One Carlson Parkway North, Suite 100
Plymouth MN 55447-4440

October 4, 2024

Gabe Sherman
15320 Minnetonka Blvd
Minnetonka, MN 55345

Dear Gabe Sherman,

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

Background

In 2023 Stantec and Inter-Fluve completed a preliminary design of the Greenway to Cedar Trail Connection & Streambank Restoration. Stantec evaluated two trail alignment options between the Cedar Lake Trail and Meadowbrook Road in St. Louis Park. MCWD selected a hybrid alignment to limit impacts to trees, private property and floodplain while also balancing the trail user experience.

Inter-Fluve completed a preliminary assessment of the impacts to Minnehaha Creek elevations with two potential Greenway to Cedar Lake Trail Connection alignments. The following scope of services includes work to support Stantec with hydraulic modeling and limited design review.

Scope of Work

Stantec Consulting Services, Inc. (Stantec) is pleased to submit a scope of work and schedule to create construction documents and cost estimates, and aid in permitting for the Greenway to Cedar Trail Connection & Streambank Restoration.

Stantec proposes the following tasks to complete the project:

- Task 1: Project Management
- Task 2: Site Investigation & Easements
- Task 3: Preliminary Design 30%
- Task 4: Preliminary Design 60%
- Task 5: Final Design 90%
- Task 6: Construction Documents 100%
- Task 7: Permitting Assistance
- Task 8: Bidding Assistance

Task 1 Project Management

Project Management and meetings are critical to the success of this project as there are several agencies/entities affected by the overall scope.

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

Meetings:

Stantec assumes the following meeting schedule:

- Project kick-off meeting (Stantec, MCWD, St. Louis Park, Met Transit)
- Progress meetings (3 meetings, 1- hour each)
 - One meeting at the completion of Preliminary Design (30%)
 - One meeting at the completion of Preliminary Design (60%)
 - One meeting at the completion of Final Design (90%)
- Coordination Meetings (Weekly and as requested by MCWD)
- Coordination Meetings with affected Property Owners (3 meetings)
- Public Meetings (One meeting at 60% and one meeting at 90%)
- Permitting meetings
 - One meeting with MCWD
 - One meeting with External Agencies
 - Two assumed follow up meetings with Specific external agencies

Assumptions:

- Meeting agenda and minutes are to be provided by Stantec
- Public meeting will have additional time preparing figures for public review.
- Inter-Fluve to participate in meetings during necessary design phases.

Task 2 Site Investigation & Easements

Survey Data was collected as part of the feasibility study. Stantec will complete additional site investigation to collect updated topographic survey data, and property information. We will collect the following data to characterize existing conditions of the project site.

- Site Survey
 - Complete ALTA survey to delineate property boundaries necessary to prepare easements.
 - Locate public utilities lines marked as a result of a new Gopher State One Call
 - Topo on the north side of the channel
 - Stream cross sections
- Easement Documentation
 - Review existing property information for existing easements
 - Develop Written legal descriptions
- Site investigation
 - Complete soil borings
 - Assumed 3 soil borings. Locations to be determined prior to 30% design
 - Complete wetland delineation. Stantec will assist with wetland permitting after delineation is complete.

Inter-Fluve will review proposed survey extents and cross section locations as it relates to hydraulic modeling. Inter-Fluve will be onsite for a half day with Stantec during the survey to review points to be

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

collected along channel cross sections. While onsite, Inter-Fluve will complete a site assessment to document current conditions within the channel that may inform the design.

Stantec will complete a limited environment due diligence desktop review of the sites. The desktop review will include the following:

- A pre-assessment review of available pertinent documents. This proposal serves as Stantec's request to client to provide available documents which may help us better understand conditions at the Subject Property (e.g., reports of previous investigations or surveys, site maps and building plans, process flow diagrams, environmental permits, chemical and waste inventories, tenant lists for multiple-occupancy buildings or sites, and other available pertinent documents)
- Review of environmental regulatory agency information, by conducting or obtaining a regulatory agency database search report for databases and minimum search distances specified by ASTM E1527-21 protocol, and information requests and interviews with local governmental agencies, as warranted. Because additional addresses may exist, it is requested herein that known additional addresses be provided to Stantec in order to assist the governmental and regulatory search for data.
- Review of historical use of the subject property and vicinity including reasonably ascertainable historical aerial photographs, Fire Insurance maps, USGS topographic maps, and city directories.
- Review of publicly available monitoring well data.
- Documentation of the physical setting of the subject property
- Interviews with people knowledgeable about past and current site use and conditions (such as current owner, past owner, tenants or occupants, and User) to the extent possible. Stantec also requests contact information for the individuals identified.

Outcomes:

- Current site information to inform trail alignment feasibility.
- Draft report with associated historical information and findings from limited environmental due diligence desktop review
 - If the Limited Desktop Review indicates potential recognized environmental conditions, Stantec will recommend completion of a Phase I Environmental Site Assessment in accordance with ASTM 1527-21.

Assumptions:

- MCWD staff will coordinate site access permissions with all necessary property owners, including through rail corridors. MCWD will notify consultants of necessary safety requirements well in advance of site visits.
- Consultants will obtain required safety certifications associated with rail corridors.
- MCWD legal counsel will draft legal descriptions of necessary easements. Stantec will support with figures and legal descriptions of affected parcels.
- In coordination with the City of St. Louis Park, MCWD will provide utility data (i.e. GIS shapefiles) for reference.
 - MCWD to request SHP files for City owned utilities (sanitary, storm, and watermain)

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

- MCWD to provide information on current storm sewer network data as it relates to reconfigurations and diversions in the area of 7800 Powell Road (PID 2011721230022)
- Survey completed by Stantec will include bathymetric and cross-sectional information of Minnehaha Creek.
- Soil borings and wetland delineation will be completed as part of 30% design.
- Limited environmental due diligence desktop review does not include any sampling or laboratory analysis.
- MCWD will provide available contact information and available documents for the subject property and others in the vicinity.
- Tree survey from 2023 will be used.
- Stantec to provide up to 20 hours of desktop environmental analysis.

Deliverables:

- Topographic survey map (CAD format)
- Wetland delineation
- Soil borings
- Easement figures and legal descriptions for each affected parcel

Task 3 Preliminary 30% Design

Stantec and Inter-Fluve will prepare preliminary design documents for the trail and the streambank restoration based on the previous field assessments, data gathered, and input from MCWD.

Stantec will review potential site and utility conflicts with the trail alignments. Utility conflicts with the trail alignment including watermain, small utilities, and storm sewer. The storm sewer on Powell will be evaluated to determine the feasibility of consolidating the storm sewer. Site conflicts include the retaining wall, road impacts at Powell Road and Meadowbrook Road, existing wells, riprap under bridge and trail amenities. Trail amenities may include the replacement of the bench currently located adjacent to 7800 Powell Road. Other amenities will be determined by St. Louis Park.

Stantec will review site access and construction staging on the property at 7800 Powell Road (PID 2011721230022). Stantec will provide options to MCWD to discuss with the property owners at 7800 Powell Road to determine feasibility of access and staging. Stantec to review impacts to the property at 7800 Powell Road if "Optimal" trail alignment is selected.

Inter-Fluve will update the existing conditions 1D HEC-RAS hydraulic model with the new bathymetric and topographic survey data and will model and will develop an updated 1D proposed conditions HEC-RAS model with trail alignment grading (from Stantec.) The HEC-RAS models will be used to evaluate flood elevations and assess bank grading work and other site changes needed to accommodate the trail alignment. Inter-Fluve will run up to two proposed bank grading modeling scenarios (provided by Stantec) as a part of the 30% design. After this design stage a single alternative will be selected and modeled. Inter-Fluve has included up to 10 hours for design coordination with Stantec to review and refine proposed grading for the channel and banks based on hydraulic modeling. All grading work and plan set development will be completed by Stantec.

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

Outcomes:

- Trail alignments and anticipated areas of disturbance
 - Includes vertical clearance, trail widths, and turn radii to allow for plowing
- Assess utility conflicts
- Assessment of existing outfalls for consolidation considerations
- Preliminary considerations for trail connection to 7800 Powell Road.
- Considerations of staging and site access at 7800 Powell Road
- Permit triggers

Assumptions:

- MCWD to coordinate with St. Louis Park and trail authority to determine trail amenities, signage, and clearance and maintenance requirements.
- MCWD to coordinate with the owners of 7800 Powell Road to discuss trail connection, property impacts and site access
- 30% design will include the “Optimal Alignment” and the “Minimally Feasible Alignment “

Deliverables:

- 30% design plans for trail alignments
- 30% design plans for streambank restoration
- 30% Opinion of Probable costs
- Hydraulic modeling as described

Task 4 Preliminary 60% Design

Stantec and Inter-Fluve will prepare preliminary design documents for the trail and streambank restoration based on updated field assessments, adjacent property input, and MCWD input on the 30% preliminary design.

Stantec will update the 30% preliminary design to incorporate landowner and stakeholder input. This will include trail alignment, site impacts (including tree removals, pavement removals, and utility impacts), safety and amenity considerations. Stantec will review the existing drainage areas around the site to determine storm sewer sizing on the north side of the 7800 Powell Road property as well as reviewing the consolidating of the storm sewer on Powell Road. Preliminary design drawings will be prepared with these improvements for stakeholder review.

Inter-Fluve will update the proposed conditions hydraulic model with 60% grading plans to inform bank treatment and stabilization measures (to be designed by Stantec). A floodplain elevation analysis will be conducted to evaluate the 100-year water surface elevation and inform floodplain and bank cut design necessitated to meet regulatory requirements. Inter-Fluve has included up to 14 hours for design coordination with Stantec to review and refine proposed grading for the channel and banks based on hydraulic modeling. Inter-Fluve will provide comments on the Stantec drawings; Inter-Fluve’s comments will pertain to the creek adjacent and in-creek work (if anything) including bank treatments, grading details, and riparian revegetation plans.

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

Outcomes:

- Trail alignment
 - Includes tree removals, utility impacts and storm sewer routing, and site impacts.
- Hydraulic modeling as described
- Floodplain fill analysis
- Stabilization practices for stream bank restoration
- Model drainage area contributing to 48" CMP and storm sewer design
- Preliminary safety considerations (including lighting, railings, and signage)
- Preliminary trail amenities
- Preliminary tree planting plan

Assumptions:

- Design phase will be coordinated with Task 2 for easement needs
- Trail alignment will be selected by MCWD after 30% design
- Stream restoration practices based on comments on 30% design.

Deliverables:

- 60% design plans and specifications
- 60% OPC
- 60% design memo with draft O&M plan – including vegetation management, snow management, etc.

Task 5 Final 90% Design

Stantec and Inter-Fluve will prepare final design documents for the trail and streambank restoration based on the comments provided in the 60% preliminary design.

Inter-Fluve will update the proposed conditions hydraulic model with 90% grading plans. A floodplain elevation analysis will be conducted to evaluate the 100-year water surface elevation and inform floodplain and bank cut design necessitated to meet regulatory requirements. Inter-Fluve will complete a 100-year flood elevation analysis and provide a hydraulic analysis memorandum to support regulatory review. Inter-Fluve has included up to 8 hours for design coordination with Stantec to review and refine proposed grading for the channel and banks based on hydraulic modeling. Interfluve will provide comments on the Stantec drawings; Inter-Fluve's comments will pertain to the creek adjacent and in-creek work including bank treatments, grading details and riparian revegetation plans.

Outcomes:

- Final trail alignment and site impacts
- Streambank restoration practices and impacts
- Final placement of trail amenities (including benches, trashcans, bike racks, signage)

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

- Final planting and restoration plans

Assumptions:

- Stantec and Inter-Fluve will participate in one final design review meeting with the project team.
- MCWD to coordinate with St. Louis Park the final placement of trail amenities.

Deliverables:

- 90% Design plans and specifications
- 90% Opinion of Probable Costs
- 90% Design Memo with O&M including trail and buckthorn maintenance.
- Floodplain elevation analysis and Hydraulic analysis memorandum

Task 6 Construction Documents, 100%

Stantec and Inter-Fluve will complete final construction documents based on the comments on the 90% submittal package. Stantec will complete the final construction documents, which will include signed project plans by a licensed engineer in the state of Minnesota, written specifications, necessary permit documentation, code review documentation, and a final opinion of probable construction costs.

Inter-Fluve has included up to 6 hours to coordinate with the regulatory reviewers on any comments received on the hydraulic analysis memorandum and floodplain elevation analysis.

Assumptions:

- No changes to the design are anticipated at this stage, only typographic edits and inclusion of permitting requirements.
- MCWD will coordinate with all other approving agencies to review and approve plans.
 - Stantec will assist in identifying the approving agencies during the design process.

Deliverables:

- Construction Document Plans, Specifications, Opinion of Probable Costs in PDF format.
- Regulatory review coordination

Task 7 Permitting Assistance

It is assumed that the District will complete all necessary permitting for this project. Permitting assistance can be provided if requested.

A list of agencies and permits to be investigated for this project include:

- The Minnesota Department of Natural Resources (MN DNR) work in public waters
- The US Army Corps of Engineers (USACE)

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

- The Minnesota Pollution Control Agency (MPCA)
- Minnehaha Creek Watershed District (MCWD)
- City of St. Louis Park
- Metropolitan Council
- Union Pacific Railroad
- Environmental Impacts (MN DNR)
- Archaeological (SHPO)

Permit list to be refined throughout the design process. MCWD will be responsible for leading the permitting process for the permits determined necessary from the above list. The contractor will be responsible for the MPCA NPDES permit, HCRRA access, necessary traffic control and providing the necessary information for the MCWD led permits.

Assumptions:

- A Phase I will not be necessary
- Stantec assumes the Metropolitan Council permits, Union Pacific Railroad permits, environmental impacts and Archaeological investigation will not be necessary. If determined necessary throughout the design process, additional scope will be required.
- Stantec to provide up to 30 hours of permitting support of required permits.
- Inter-Fluve to provide up to 5 hours of assistance with permit application materials (prepared by Stantec)
 - This support may include developing figures for permit applications and assisting with written descriptions of the proposed work in-stream and bank grading work.

Task 8 Bidding Assistance

Stantec will assist the District through the bidding process after completing construction documents. Stantec and Inter-Fluve will be available to answer calls from bidders to answer questions. Stantec and Inter-Fluve will attend and assist the Project Team at a pre-bid meeting for interested contractors. Stantec will provide addendum(s) to address any issues in the contract documents. Stantec will open bids with MCWD staff, tabulate the bids and provide a recommendation on the results.

Assumptions:

- Prebid meeting agenda and minutes to be provided by Stantec.
- Stantec to provide up to 32 hours of bidding support.

Deliverables:

- Written responses to questions and addenda
- Bid tabulation and recommendation.

Overall Project Assumptions

- Easements, access, and utility relocations for construction will be negotiated by MCWD.

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

- All meeting agendas and minutes will be developed by Stantec.
- Soil borings are required and will be completed prior to 30% design phase.
- Wetland delineations are required and will be completed prior to 30% design phase
- MCWD will determine all necessary permits and coordinate with each applicable agency on permit requirements. Stantec will assist with identifying the necessary permits.
- No LOMR/CLOMR will be required
- “No Rise” permit condition will be achievable
- No 2D modeling
- No new hydrologic analysis will be completed; flows developed in the preliminary assessment phase will be used in the hydraulic models.
- No significant creek alignment or profile changes are anticipated.
- Construction services have not been included in this design scope, but can be added at owners request

Fee Estimate

Scope of Work	Fee Estimate		
	Stantec	Inter-Fluve	Total
Task 1: Project Management	\$15,000	\$3,100	\$18,100
Task 2: Site Investigation & Easements	\$36,100	\$1,500	\$37,600
Task 3: Preliminary Design (30%)	\$13,500	\$6,000	\$19,500
Task 3: Preliminary Design (60%)	\$18,000	\$5,400	\$23,400
Task 4: Final Design (90%)	\$17,000	\$6,300	\$23,300
Task 5: Construction Documents (100%)	\$7,500	\$1,100	\$8,600
Task 7: Permitting Assistance	\$5,300	\$900	\$6,200
Task 8: Bidding Assistance	\$4,800	\$0	\$4,800
TOTAL ALL TASKS=	\$117,200	\$24,300	\$141,500

The total cost above includes all reimbursable expenses including mileage, printing, and equipment costs. The costs for soil borings have been estimated for \$15,000 and included in Task 2. Final costs of soil borings are subject to competitive quotes.

Reference: Greenway to Cedar Trail Connection & Streambank Restoration

Schedule

Task	October	November	December	January 2025	February	March	April	May	June	July	August	September
Task 1: Project Management												
Task 2: Site Investigation & Easements												
Task 3: Preliminary Design (30%)												
Task 3: Preliminary Design (60%)												
Task 4: Final Design (90%)												
Task 5: Construction Documents (100%)												
Task 7: Permitting Assistance												
Task 8: Bidding Assistance												

Note: This assumes that the approval of the proposal and authorization to move forward with the work is provided by October 10, 2024. Should that be delayed the schedule would be moved back respectively by the number of weeks beyond October 10, 2024, that the authorization to move forward is delayed.

Summary

Stantec is excited to move this extension of the Greenway trail forward. Our work will be completed in accordance with noted scope above along with our Master Services Agreement with Minnehaha Creek Watershed District.

Below is a summary of the key deliverables:

- Technical design memo (60%, 90% and Final)
- Preliminary design plans (30%, 60% and 90%)
- Bid Documents (100%)
 - Final construction plans on 11"x17" signed by a Professional Engineer licensed in Minnesota and signed by all other approving agencies.
 - Final specifications/special provisions

Reference: **Greenway to Cedar Trail Connection & Streambank Restoration**

Sincerely,

STANTEC CONSULTING SERVICES INC.

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RESOLUTION

Resolution number: 24-056

Title: Authorizing Design Contract for Greenway to Cedar Trail Connection Project

- WHEREAS on March 27, 2014, the Board of Managers adopted a policy “In Pursuit of a Balanced Urban Ecology in the Minnehaha Creek Watershed District” to guide the MCWD’s planning and watershed management activities, integrating its water resource implementation efforts with urban planning, through innovation, partnership and a sustained geographic focus;
- WHEREAS the MCWD has identified the area between West 36th Street and Meadowbrook Lake as a priority area for capital improvements focused on stormwater management, greenspace expansion and increased recreational access;
- WHEREAS working with the Cities of St. Louis Park and Hopkins, and with other public and private partners, the MCWD has implemented a series of initiatives to restore, enhance and connect Minnehaha Creek and its associated riparian areas;
- WHEREAS the MCWD 2018-27 Watershed Management Plan (WMP), at Table 3.12, identifies for capital project implementation a connection between the Minnehaha Creek Greenway and the Cedar Regional trail and restoration of a degraded section of Minnehaha Creek through streambank stabilization and vegetative enhancement;
- WHEREAS the MCWD has been coordinating with the Southwest Light Rail Transit (SWLRT) Project Office with respect to the integration of public transit, development and water resource management interests, including for the purpose of informing design as to a critical pedestrian crossing at Minnehaha Creek and SWLRT that is part of the Minnehaha Creek Greenway conceptual plan;
- WHEREAS on October 8, 2015, the Board of Managers authorized the MCWD to enter a Memorandum of Understanding with Professional Instruments Company which documented mutual goals and established a cooperative framework within which the potential for a beneficial collaboration may be explored;
- WHEREAS in 2015/ 2016, Stantec Consulting Service Inc. (Stantec), previously Wenck Associates, Inc., completed initial feasibility work to determine potential alignments for a trail connection between the Minnehaha Creek Preserve and the Cedar Lake LRT Regional Trail under the SWLRT, freight rail, and regional trail bridges in St. Louis Park;
- WHEREAS on August 11, 2022, the Board of Managers authorized a contract with Stantec and Inter-Fluve to complete an updated feasibility study to reflect current conditions in the creek and rail corridors, model the floodplain, and advance two potential trail alignments to assess constructability and land rights;
- WHEREAS on June 22, 2023, the Board of Managers reviewed the results of the feasibility study, which demonstrated a viable trail alignment that minimized impacts to private property and proposed a range of options for streambank stabilization and ecological enhancements;

- WHEREAS St. Louis Park has identified this trail connection as a priority through its “Connect the Park” transportation planning initiative;
- WHEREAS in March 2023, the MCWD applied for Hennepin County TOD Program Grant funds for eligible elements of the 325 Blake Road Restoration and Redevelopment and the Greenway to Cedar Trail Connection and Streambank Restoration projects;
- WHEREAS on August 22, 2023, the Board of Hennepin County Commissioners passed Resolution 23-0310 authorizing the County Administrator to negotiate a grant agreement with the MCWD in the amount of \$200,000 for eligible elements of the trail connection project;
- WHEREAS on June 27, 2024, the Board of Managers authorized the District Administrator to execute the Southwest Community Works Program Grant Agreement for the Blake Road Station Area Cedar Trail Connection by the Minnehaha Creek Watershed District;
- WHEREAS on September 9, 2024, the St. Louis Park City Council adopted a resolution of support for the Greenway to Cedar Trail Connection and Streambank Restoration Project that grants the MCWD access to City-owned parcels for the purposes of project design and signals its intention to allocate funds for half the trail costs through its 2025-2029 CIP;
- WHEREAS in accordance with Minnesota Statutes §103B.251, the MCWD held a duly noticed public hearing on ordering of the Greenway to Cedar Trail Connection and Streambank Restoration Project on September 26, 2024, at which time all interested parties had an opportunity to address the Board on the Greenway to Cedar Trail Connection and Streambank Restoration Project;
- WHEREAS the Board of Managers found that the Greenway to Cedar Trail Connection and Streambank Restoration Project will be conducive to public health and promote the general welfare, and is in compliance with Minnesota Statutes §103B.205 to 103B.255 and the WMP adopted pursuant to §103B.231;
- WHEREAS Stantec has submitted a scope of work for design and engineering services, which District staff has reviewed and determined to be sound and appropriate;
- WHEREAS staff recommends, and the Board finds, that competitive pricing is not warranted, in that Stantec is uniquely qualified to conduct this work, on the basis of its performance of the 2015/ 2016 and 2022/2023 feasibility work; its familiarity of topographic and hydraulic conditions based on prior analysis of Minnehaha Creek crossings from Highway 169 to Excelsior Boulevard (including a hydraulic and elevation analysis of the SWLRT crossing); and its existing working relationships with adjacent property owners, St. Louis Park planning and engineering staff, and SWLRT project staff;

NOW, THEREFORE, BE IT RESOLVED that the Minnehaha Creek Watershed District Board of Managers hereby authorizes the District Administrator, on advice of counsel, to enter into a contract with Stantec Consulting Services Inc. to perform design and engineering services for the Greenway to Cedar Trail Connection and Streambank Restoration project, in an amount not to exceed \$141,500, and further authorizes the Administrator to execute change orders in his discretion up to an additional 10% of this fee.

Resolution Number 24-056 was moved by Manager _____, seconded by Manager _____. Motion to adopt the resolution ___ ayes, ___ nays, ___ abstentions. Date: 10/10/24

Secretary Date: _____