

August 27, 2021

RE: City of Blaine, Minnesota 2022 Street Reconstruction Projects SEH No. BLAIN 162421 14.00

Mr. Cody Sylvester Project Engineer City of Blaine 10801 Town Square Dr. NE Blaine, MN 55449-8100

Dear Mr. Sylvester:

SEH appreciates the opportunity to continue to provide professional services to the City of Blaine (City) on the City's Street Reconstruction Program. We are pleased to provide this proposal to provide preliminary design and surveying services for the 127th Area Project planned for 2022.

The City has requested a proposal and scope of work to perform preliminary surveying, preliminary design and feasibility report preparation for the 2022 Street Reconstructions (from your RFP dated August 17, 2021)

PROJECT UNDERSTANDING

The City of Blaine is continuing their Pavement Management Program with a combination of full depth pavement replacement and full reconstruction of project streets identified for their 2022 street reconstruction program. The City will engage a consultant to provide preliminary survey, preliminary design and feasibility report preparation for the City. With the new consultant pool, SEH is to propose on the following streets:

2022 Street Reconstructions contains the following streets:

Area 1

- Full width pavement replacement with spot curb replacement
 - 123rd Avenue from Buchanan Street to Ulysses Street
 - o 124th Court from West cul-de-sac to Buchanan Street
 - 124th Lane from Pierce Street to Buchanan Street
 - o Pierce Street from 123rd Avenue to 124th Lane
 - o Buchanan Street from Paul Parkway to 124th Lane

Area 2

- Full width pavement replacement with spot curb replacement
 - 126th Avenue from Polk Street to Taylor Street
 - o 126th Lane from Taylor Street to Buchanan Street
 - o 127th Avenue from Taylor Street to Buchanan Street
 - o 127th Lane from Taylor Street to Central Avenue
 - Polk Street from 125th Avenue to 126th Avenue
 - Taylor Street from 126th Avenue to 129th Avenue
 - o Buchanan Street from 126th Avenue to 127th Lane

Area 3

- Full width reconstruction and lane reconfiguration
 - o 129th Avenue from 180' West of Isanti Street to Radisson Road

SCOPE OF WORK

Task 1: Pre-feasibility Report Survey Services

Subtask A – Condition Inspection of Existing Infrastructure

The field review in the first phase of the project is a critical step in a thoughtful approach to rehabilitation. Our approach will be similar to what was used on previous street improvement projects SEH has completed. Having completed a field review on those projects with City Staff, we are familiar with City Staff expectations with respect to infrastructure condition and replacement criteria.

Project Area 1 – The area streets are planned for pavement replacement with spot curb replacement. With spot curb replacement, it is critical to be as accurate as possible identifying replacement curb as it typically has a higher unit price then full replacement curb.

Project Area 2 – The area streets are planned for pavement replacement with full curb replacement. The full curb replacement will not require the same level of inspection to determine condition of the existing curb and gutter.

Project Area 3 - Is a full reconstruction, a full reconstruct will not require the same level of review as the areas where existing curb & gutter will be saved as conditions allow. There is isolated sidewalk that will be replaced as needed to allow for the new lane configuration.

Subtask B – Topographic Survey

A full topographic survey is proposed for all the project areas. The survey will include full street cross sections, driveway cross sections as well as locating existing underground utilities (coordinate a Gopher One Call) and include a review of the existing structures within the project area to identify potential conflicts with the proposed improvements.

A review of the existing right-of-way (ROW) and easements will be done to determine the need for additional easements or ROW for the improvements. With the majority of the proposed improvements being completed within the existing ROW, new easements/ROW is not anticipated.

While not listed in the RFP, we can assist the City and work with a geotechnical firm to perform a subsurface geotechnical investigation. As part of the investigation, we would recommend borings be taken to help determine and verify the existing pavement section along with the depth of local groundwater. This is a critical step in the pre-design phase to help avoid potential pavement section issues that could cause project delays or increased costs.

Task 2: Feasibility Report Services

Like the 132nd Street Area Project, SEH prepared most of the feasibility report along with the assessment roll. SEH will again prepare the feasibility report and assessment roll for City review. The City will provide a file of the property owner names, addresses, PINS and property addresses. SEH will calculate the assessments based on the City of Blaine's assessment policy using the preliminary project costs prepared as part of Task 1.

The feasibility report will prepared consistent with the requirements of Mn Statute 429 for specially assessing a public improvement. A draft feasibility report will be provided to the City in advance of the improvement hearing for City review and comment.

SEH will also attend one neighborhood open house meeting prior to the Improvement Hearing and assist city staff with resident questions concerning the project and/or assessments. SEH will also prepare the necessary materials for the Improvement Hearing, with the City of Blaine handling the mailing of notices.

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SCHEDULE

It is our understanding that SEH will be awarded the project we are proposing on. Per the RFP, the City approval of a formal contract is anticipated on September 6, 2021. Based on that award, we have prepared the following proposed schedule that would be followed for the project SEH is awarded:

0	City Council awards contract	September 6, 2021
0	Field Review of Existing Infrastructure	early September 2021
0	Topographic Survey	mid-September – early October 2021
0	Prepare Feasibility Report	mid-September – early-October 2021
0	Draft Feasibility Report to City	October 15, 2021
0	Neighborhood Open House	early November 2021
0	Improvement Hearing	November 15, 2021
SEH and City sta	aff can discuss the above schedule and adjust a	s needed to fit council and staff schedules.

COMPENSATION

SEH proposes to complete all the services listed in this scope of work on an hourly basis. Compensation will be based on the hourly cost of personnel plus reimbursable expenses, including reproductions, mileage and equipment. A detailed work plan is attached for the project. The following is a summary of our estimated fees for the scope of services:

2022 Street Reconstruction						
Work Task	Estimated Fee					
Task 1 – Preliminary Survey	\$18,000					
Task 2 – Preliminary Design & Cost	\$8,600					
Estimating						
Task 3 – Feasibility Report Preparation	\$36,800					
Expenses	\$1,500					
Total Fee	\$64,900					

2022 Street Reconstruction

Sincerely,

SHORT ELLIOTT HENDRICKSON INC.

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Dustin Cesafsky Project Manager

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127th Avenue Area - 2022 Street Rehabilitations Professional Services Workplan and Costs August 27, 2021												
Work Task		Cleint Service Manager	Senior Engineer	Project Manager/ Design	Grad Engineer	Civil Technician	Survey Crew Chief	Admin	Total Hours (SEH)			
1.0 1	Pre-Feasibility Report											
	inspect Streets to determine condition Including review of curb and gutter, pavements, sidewalks and sanitary sewer structure surveys, review water main hydrant condition and valve locations			8	8				16			
1.2 (Collect GSOC information						6		6			
	Perform Topographic Survey on Project Area Streets Determine soil boring program with City and geotech consultant, coordinate with geotech regarding						130		130			
	Jetermine soli boring program with City and geotech consultant, coordinate with geotech regarding subgrade, pavement sections etc.		8	4					12			
	Task 1.0 - Hours:	0	8	12	8	C	136	0	164			
t	Deliverables - Field review notes and documents regarding removal criteria and priority decisions made in the field. Inspection notes, topographic survey file (includes Hydrants, GV, Structures). City to pay for geotech consultant services											
2.0 I	Feasibility Report Services											
F	Kick Off Meeting Prepare for, attend and facilitate kick off meeting to review scope, budget, schedule and deliverables. Understand staff expecations regarding communication and street rehab. Develop field review criteria and priorities. Discuss stakeholders and public involvement	4		4	4			2	14			
F	Base Map Preparation Prepare 30% design plan view layout utilizing to scale, color drawings prepared in CAD on aerial hohotography. Gather public and private utility information from Gopher State One call and city records to puild the base map for use at public open house.			4	8	8	5		20			
l l	Meet with Coon Creek Watershed District Prepare for, attend and facilitate a meeting with Coon Creek Watershed District to discuss nydrologyhydraulic (H/H) design, Including hydraulic analysis and design of the final stormwater conveyances in the area with the watershed's permitting requirements and schedule.	4		8					12			
E I a	Propare the draft feasibility report Based on 30% design, develop typical sections, removals, pavement section recommendations, ADA improvements, 30% storm sewer designs. Present existing and proposed improvements, costs, funding and recommendations in feasibility report document. Create report exhibits including location map, typical sections and high level illustrated improvements.	4		32	32	8	5	2	78			
i I	Prepare the 30% cost estimate Prepare high level 30% cost estimate for each street in the area based on field review, preliminary averment section, signal upgrades and storm sewer need assumptions.	2		30	32	16			80			
C E	Develop and prepare the assessment role Gather property owner information for project area, develop assessment spreadsheet utilizing the City of Baline assessment policy to calculate assessments. Review with city staff for appropriateness and determine final assessment role.	2		20	10				32			
F	30% design review meeting prepare for, attend and facilitate the 30% design review meeting. Discuss findings and assumptions, exhibits and report format. Share draft cost estimates and assessment roles. Discuss upcoming public open house format and meeting plan.	4		4					8			
F	Host a public open house Prepare for, attend and facilitate an informational public open house. Utilize the 30% design plan layout. Create comment cards, gather information and prepare a summary of public comments.	4		4				2	10			
s f	Review and Finalize the feasibility report submit draft feasibility report to city staff for review. Facilitate review comments and make revisions, inalize report, publish copies.	8		18	8							
	Task 2.0 - Hours: Deliverables - Layout, comments cards and public comment summary for open house, feasibility reoprt with exhibits, costs and assessment roles, meeting agendas and minutes, Gopher State One call design coordination, 30% street and storm sewer design. Pavement design recommendation by geotechnical sub- consultant.	32	0	124	94	32	· <u> </u> 0	6	254			
1	TOTAL HOURS	32	8	136	102	32	136	6	452			
:	SEH AVERAGE HOURLY RATES	\$210	\$195	\$165	\$110	\$80	\$125	\$100				
:	SUBTOTAL LABOR COSTS	\$6,720	\$1,560	\$22,440	\$11,220	\$2,560	\$17,000	\$600	\$62,100			
REIMBURSABLE EXPENSES									\$1,500			
Miles									\$1,000			
Exhibits/Reproductins (Assumes postage by others for mailings) \$300												
TOTAL COST \$64,900												