



November 18, 2020

Honorable Mayor and City Council
705 2nd Street N
Princeton, MN 55371

Re: Proposal for Final Design
19th Avenue Extension
City of Princeton, MN

Dear Mayor and Council Members:

WSB is pleased to provide you with the following proposal for engineering services to complete plans and specifications for the extension of 19th Avenue. The scope of services for this project is based on discussions with City staff.

PROJECT UNDERSTANDING

A feasibility report for the full extension of 19th Avenue north to connect at 21st Avenue was completed in 2007. The feasibility report detailed improvements that included a 3,600-ft extension with curb and gutter and storm sewer. The City of Princeton recently received grant funds to construct approximately 1,480-ft of the roadway from the end of 19th Avenue to the north in order to provide a connection for a proposed development. The project will be designed with a base bid to construct this first segment of roadway, with a bid alternate to construct the full connection from 19th Avenue to 21st Avenue.

PROPOSED SERVICES

1. Wetland Delineation

As part of the project, an updated wetland delineation will be required as the previous one was completed in 2007, and delineations are only valid for 5-years.

- Wetland Delineation – the full wetland delineation and permitting services includes the following:
 - Potential wetland areas will be investigated in the field for the presence of wetland soils, vegetation and hydrology and marked with pink pin flags and surveyed using a handheld GPS.
 - A delineation report will be drafted and submitted to the City of Princeton followed by wetland approval agencies for review and approval.
 - This task includes on on-site wetland boundary review with the approval agencies.
 - Boundary data developed and used to determine wetland impacts.
- Permitting - During preliminary design WSB will initiate discussions with the County (as LGU for Wetland Conservation Act), US Army Corps of Engineers, and MN Department of Natural Resources to discuss permitting requirements. At approximately 60% plans, WSB will prepare permit applications and obtain permits from permitting agencies, as needed. To prepare the applications, WSB will develop a purpose and need, evaluate project alternatives, and create impact exhibits. WSB will coordinate the purchase of wetland credits and filing of credit purchase paperwork with the Board of Water and Soil Resources.

2. Geotechnical Work

- Obtain soil borings and pavement cores for the area along the alignment.
- Obtain geotechnical report with pavement evaluation and recommendations.

3. Survey and Base Mapping

- Provide topographic survey for the project corridor:
 - Survey shall include all surface features within the right-of-way, elevations at high and low points, and other areas sufficient to generate cross sections and profiles.
 - Survey all storm sewer, sanitary sewer, hydrants, and gate valves.
 - Survey adjacent ponds and wetlands.
 - Contact the private utility companies and request mapping information.
 - Create base map with completed line work for all streets and utilities.

4. Design Services

- Project management and coordination/meetings with City staff and the City Council.
- Design and drafting of street improvements including removals; roadway alignment; storm, sanitary sewer and water main improvements; typical sections; cross sections; lighting plans; signing and striping; and traffic control plans.
- Pavement section design based on traffic projections and geotechnical evaluation. A pavement design report will be created to document the road is being designed to a 10-ton road.
- Design and drafting of storm sewer system improvements. WSB will complete the storm drainage design in accordance with stormwater requirements. An erosion control plan and SWPPP will be developed and included with the plans. Additionally, WSB will perform a BMP design to meet regulatory stormwater requirements. Included in this item is coordination with the developer for a location for a potential regional stormwater pond.
- Provide a detailed engineer's opinion of probable cost as it relates to the work outlined in our scope of services.
- Funding coordination with City staff.
- Prepare project specifications, contracts, and bidding forms. Specifications will be in accordance with the City of Princeton.
- Coordinate project advertisement. We will distribute plans and specifications to the contractors, as well as any required addenda. We will also attend the bid opening at City Hall, or via electronic bid opening, and prepare a bid tabulation and award recommendation for City Council consideration.
- Obtaining easements necessary for stormwater management is not included in this scope and can be completed through additional services.
- Lighting design is not included in this proposal, and if added to the project will be completed under additional services.

Deliverables: 100% complete plans and specifications; required permits; bidding documents; addenda, if required; bid tabulation; and letter recommending award of construction contract.

Engineering Services Fee

We are proposing to complete the work on a cost-reimbursable basis in accordance with our current fee schedule. The not-to-exceed billing amount to design the 19th Avenue Extension to a Cul-de-Sac as the Base Bid and the full extension to 21st Avenue as a Bid Alternate is as follows:

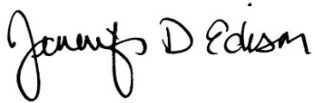
Task	Fee
Soil Borings / Geotechnical Report	\$4,918
Wetland Delineation / Permitting	\$15,440
Topographic Survey	\$5,048
Final Design and Plan Preparation	\$39,892
Storm Sewer Design / SWPPP	\$13,505
Prepare Specifications/Cost Estimate	\$10,770
Total	\$89,573

If this proposal is acceptable, please execute the signature block below and return as our authorization to proceed.

Please give me a call at 763-287-8529 if you have any questions. Thank you.

Sincerely,

WSB & Associates, Inc.



Jennifer Edison, PE
Project Manager

ACCEPTED BY:

City of Princeton

Name: _____