



TO: Mayor Shaun Sipma
Members of the City Council

FROM: Emily Huettl, PE, Assistant City Engineer

DATE: 11/20/2018

SUBJECT: STORM SEWER DISTRICT 123 – 10TH STREET SW – REQUEST FOR QUALIFICATIONS (4393)

I. RECOMMENDED ACTION

1. Recommend council authorize the engineering department to solicit Requests for Qualifications for engineering services for the Storm Sewer District 123 – 10th Street SW Project.

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	857-4100
Emily Huettl, Assistant City Engineer	857-4100

III. DESCRIPTION

A. Background

10th Street SW from 37th Avenue to 31st Avenue SW and surrounding areas have long been identified as known storm water problem areas. 10th Street SW and much of the residential neighborhood to the west do not currently have any storm sewer inlets. Runoff is collected in the curb and gutter system which is often overwhelmed during even minor rain events. The 2015 City of Minot Storm Water Management Plan analyzed this area and provided preliminary engineering and cost estimates to address these drainage problems. This project is included in the approved capital improvements plan for 2019 design and 2020 construction.

B. Proposed Project

Because the project is a little over a year away from scheduled construction, now is the time to start the necessary environmental clearance and design engineering for this project. Staff has programmed \$400,000 in the capital improvements plan to start this work if council approves the department to solicit requests for qualifications (RFQ).

Based on the preliminary engineering provided in the Storm Water Management Plan, this project is likely to include the installation of a few dozen new inlets, drain tile, and associated pipe, as well as upgrades to the existing downstream storm sewer system and its outlet into Puppy Dog Coulee. Additionally, 10th Street SW will be reconstructed following the storm sewer installation, as it is currently in very poor condition, with constant storm water inundation contributing to its poor condition.

In 2015, an estimated project construction cost was developed at \$3.7 million.

C. Consultant Selection

If council approves the department to seek qualification statements, this starts our RFQ process. Legal advertisements will be issued for RFQs, a selection committee made up of staff and an alderman will rank the written proposals and short list the number of firms for an interview. The short listed firms will be interviewed and the highest ranked firm from the interview will be recommended to council. The city engineer will then negotiate a scope and fee based on our engineering compensation policy, and the mayor will sign the contract.

IV. IMPACT:

A. Strategic Impact:

10th Street SW and surrounding areas have long been identified as known storm water problem areas and this project will address those problems.

B. Service/Delivery Impact:

During construction, traffic will be disrupted but care will be taken to maintain local access. Following construction, traffic will no longer be disrupted by flooding roads during rain events.

C. Fiscal Impact:

Project Costs

Estimated Construction Cost	\$3,400,000
10% Contingency	\$ 340,000
Engineering	\$ 400,000
Right of Way/Easements/Permitting	<u>\$ 100,000</u>
Total	\$4,240,000

Project Funding

Storm Sewer Development Fund	~ 50%
Special Assessment	~ 50%
Street Improvement Fund	TBD

The proposed project will have two main funding sources – storm sewer development funds and special assessments of the benefiting properties. Additionally, a yet to be determined portion of the roadway reconstruction will be funded through the street improvement fund for roadway reconstruction that is not a direct result of the storm sewer improvement work.

The costs above are purely estimates at this time with only high-level engineering completed. The numbers will be refined as engineering work completed on the project.

V. ALTERNATIVES

Alt 1. The Council could postpone the RFQ process. However, the environmental document and design take a significant amount of time. Engineering needs to start by late spring to ensure project construction in 2020.

Alt 2. Council could choose not to move forward with the project. By not moving forward, this will continue to be a storm water problem area and public safety issue.

VI. TIME CONSTRAINTS

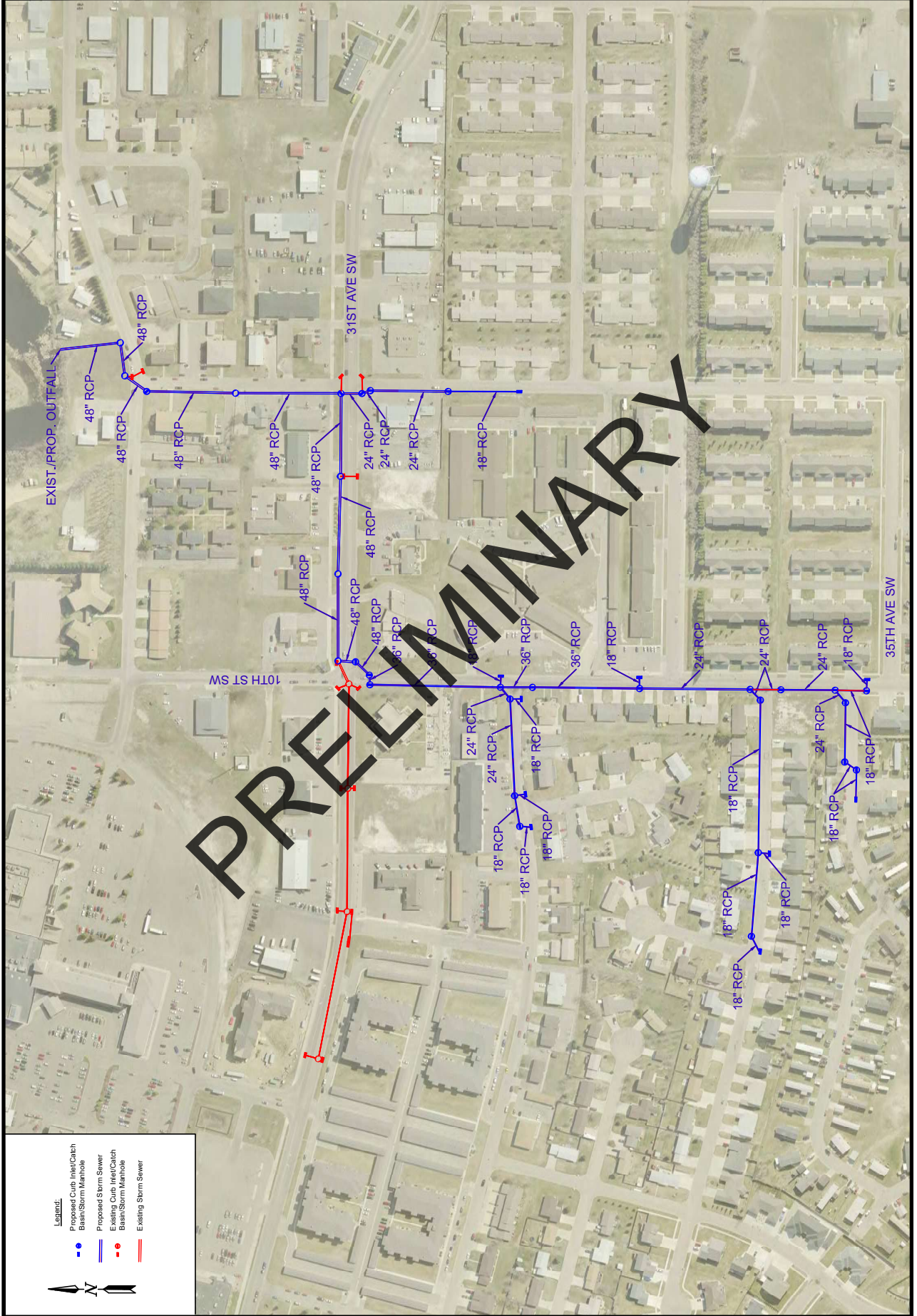
If council authorizes staff to seek RFQs, a consultant could be selected by the March council meeting, but likely the April council meeting.

VII. LIST OF ATTACHMENTS

- A. Project Location Map

PROPOSED IMPROVEMENTS
10TH ST SW

Project Name:	MINOT SWMP
Project No.:	R.2114
Date:	02/16/2014
Drawn By:	AMD
Appr. By:	REA



Legend:

- Proposed Curb Inlet/Catch Basin/Storm Manhole
- Proposed Storm Sewer
- Existing Curb Inlet/Catch Basin/Storm Manhole
- Existing Storm Sewer