

CITY OF RAPID CITY



Engineering Services

300 Sixth Street
 Rapid City, SD 57701-5035
 Telephone: (605) 394-4154
 FAX: (605) 394-6636

May 6, 2009

To: Public Works Committee/Common Council

Re: Request Authorization to seek Proposals for Engineering Services for Project SS09 – 1782, CIP #50396 Catron/Hwy 16B Sanitary Trunk Sewer Extension and Utility Relocation Project.

This project consists of two phases. Phase one is the construction of a new sanitary trunk sewer along Catron Blvd/Hwy 16B from the Fifth Street intersection west to the Hwy 16 Lift Station on the west side of Hwy 16 near the intersection with Catron Blvd., and phase two is the relocation of municipal utilities along Catron Blvd/Hwy 16B between Highway 79 and Highway 16 as required for the reconstruction and widening of the highway by the South Dakota Department of Transportation. The project will maintain service to existing customers as well as provide service to areas within and adjacent to the City that are currently undeveloped. Development potential in this area has been limited due to the capacity of the existing sewer system through the city that receives the flow from this area. Upon completion it will allow for the abandonment of two lift stations that are nearing the end of their design life and eliminate the continuing operation and maintenance costs associated with these two lift stations. In addition, the South Dakota DOT has accelerated their schedule for completion of plans for construction of the Catron Boulevard improvements in anticipation of availability of federal construction funding.

Anticipated project components include:

1. Relocate or reconstruct existing sewer and water mains that may conflict with the reconstructed or widened highway in their existing locations, as well as to assure sleeves or casings are installed for reasonably foreseeable future utility crossings,
2. Construct approximately 12,000 linear feet of 12" – 18" diameter (size and route to be verified) PVC sanitary sewer pipe,
3. Sanitary Sewer Manholes as required,
4. Surface Restoration,
5. Connect the Edinborough Lift Station and Hwy 16 Lift Station to the proposed trunk sewer,
6. Abandon the Edinborough and Hwy 16 Lift Station lift stations, and
7. Ancillary and appurtenant items as needed for the described work.



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Accordingly, staff requests authorization to solicit Requests for Proposals and select an Engineering Consultant to provide project evaluation, planning, administration, design, bidding, and construction administration services in accordance with the Public Works Department's Consultant Selection Process. It is anticipated that the consultant that is selected may perform the work identified in phase one or phase two or both phases.

The project funding in the amount of \$1,950,000.00 has been identified, which includes design and construction costs. Funding source for the project is the Sanitary Sewer Enterprise Fund. Staff proposes to design and bid the project in 2009 with construction to occur in 2009 and 2010 or as needed to coordinate with the Department of Transportations schedule, which has not yet been confirmed.

Sincerely,



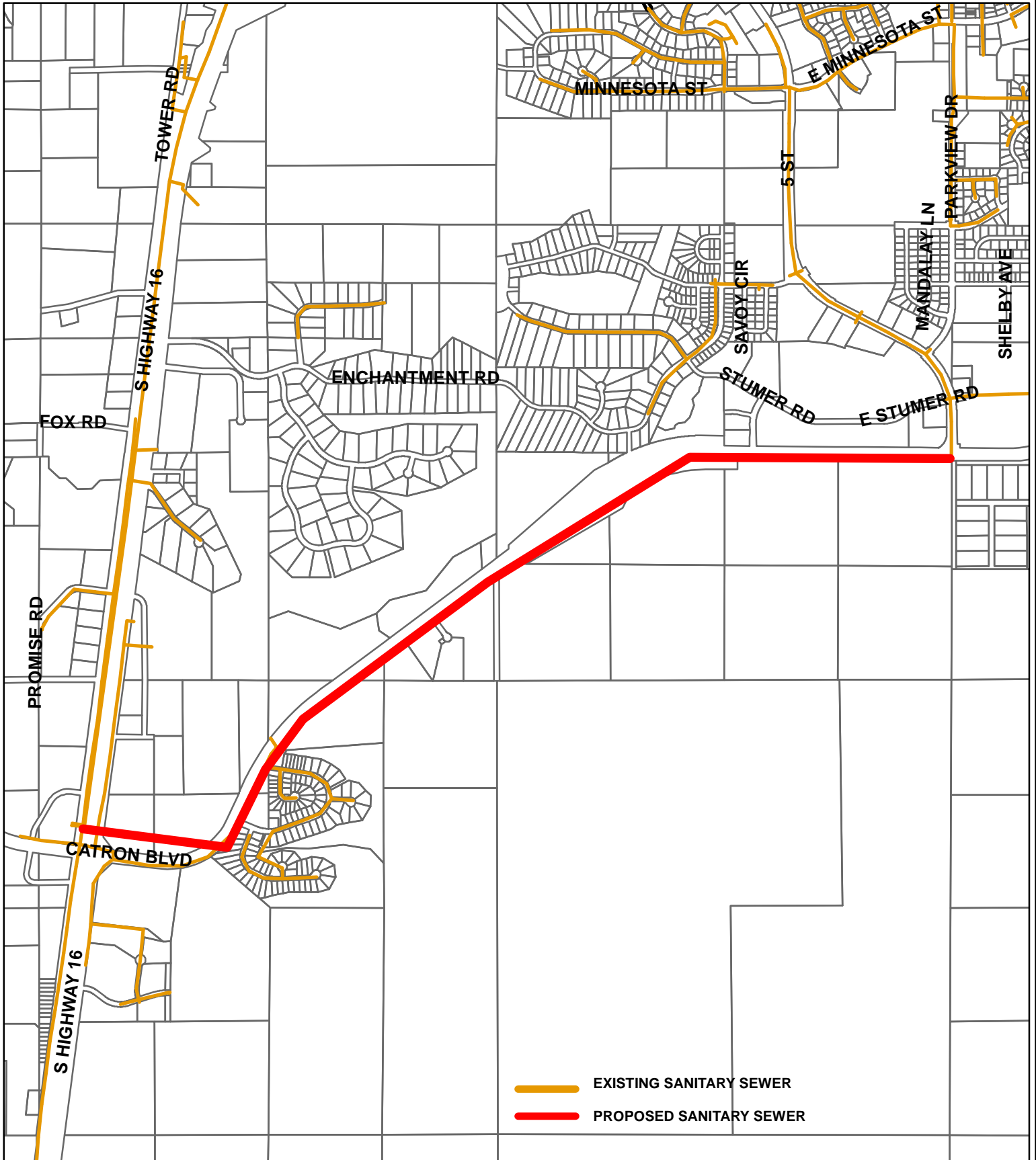
Dale Tech, PE/LS
City Engineer



Cc: Robert Ellis, Public Works Director
Stacey Titus
Dave VanCleave, Water Reclamation Superintendent

EXHIBIT "A"

PW051209-05

SCALE 1" = 1500'



-  EXISTING SANITARY SEWER
-  PROPOSED SANITARY SEWER

CATRON /HWY 16B SANITARY TRUNK SEWER EXTENSION
PROJECT NO. SS09-1782 **CIP NO. 50396**