



CITY OF RAPID CITY

Engineering Services

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May 23, 2007

Memorandum to: Public Works Committee/City Council

Re: Request for Authorization to Seek Engineering Consultant Proposals
Silver Street Area Utility Improvements
Project #SSW07-1656/CIP 50418

Engineering Services staff proposes to retain an Engineering Consultant to provide project evaluation, design, bidding, and construction administration services for the referenced project. The project components are proposed to include replacement of existing undersized (4" & 6") water mains along Silver Street south of Anamosa Street, and extension of the North Rapid Pressure Zone service south and west from its current terminus at Van Buren Street to provide improved fire flow and pressure to presently underserved areas of these neighborhoods.

The project is also proposed to include replacement of existing sewer in both Silver Street and in the alley to the west. These sewer segments are experiencing problems with root intrusion and are allowing excessive infiltration, likely due to excessive age (50+ years) combined with the materials and methods of construction used. It is also proposed to address storm drainage deficiencies in the area of the major storm drainage elements (open channel and 60-inch pipe) located between Silver Street and Interstate 190. All improvements will need to be coordinated with the South Dakota Department of Transportation for future work in the area of the North Street/Silver Street interchange on I-190. The consultant would be required to evaluate existing conditions, provide analysis of street, drainage, water, and sanitary sewer systems to accommodate existing conditions and proposed future development consistent with the adopted Comprehensive Plan components for the area (e.g. North Rapid Neighborhood Future Land Use Plan, Major Street Plan, Morningside Drainage Basin Design Plan), propose phasing or construction packages as applicable, complete final design, provide construction contractor procurement services, and provide construction administration services including observation and evaluation of work performed.

Project funding is proposed from a combination of Sewer Enterprise, Water Enterprise, Drainage Capital Improvement, and Street Capital Improvement funds. An initial project budget of \$2,695,000 has been identified to include both design and construction of improvements. Construction is proposed to commence in 2008.

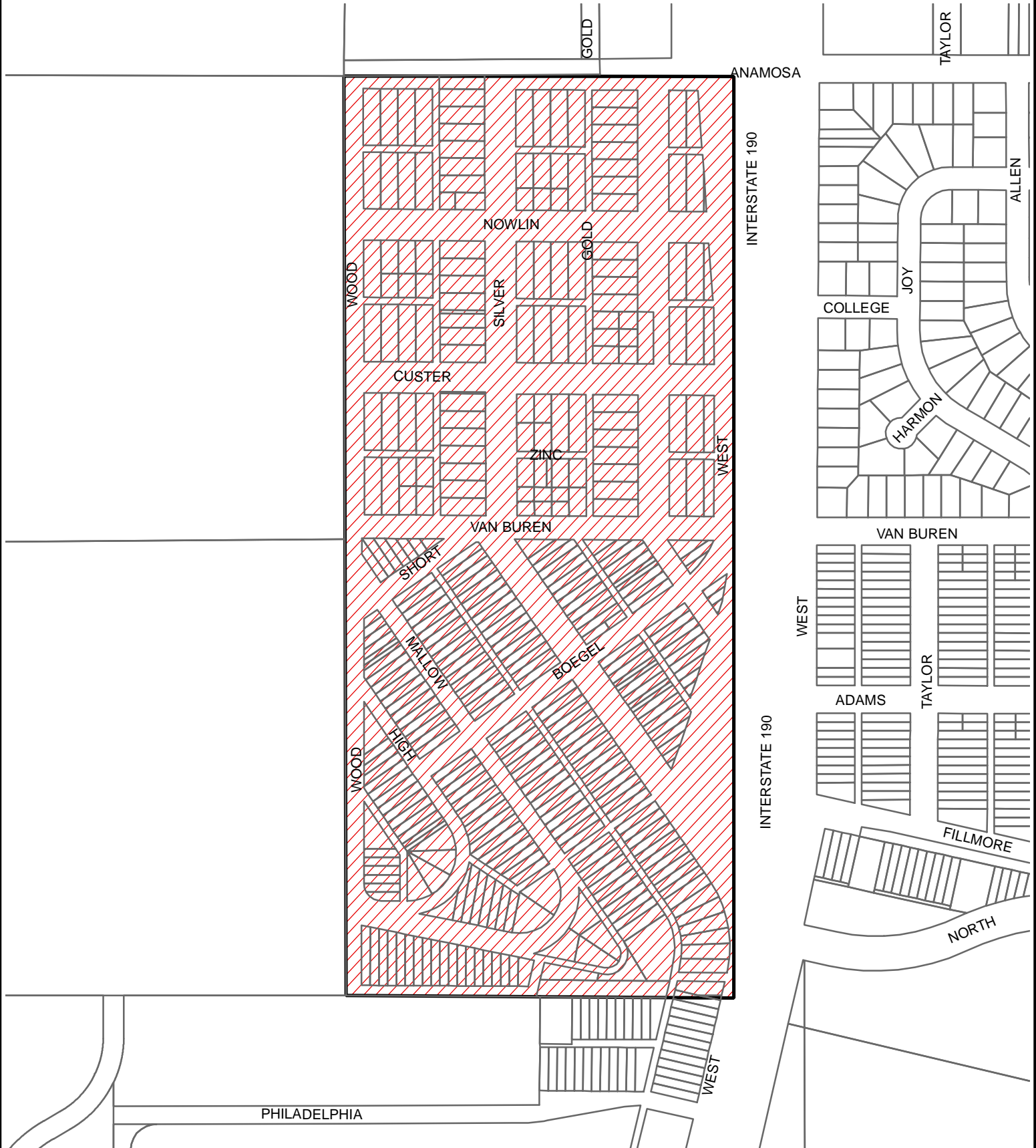
David L. Johnson, PE
Project Engineer



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EXHIBIT "A"



Silver Street Area Utility Improvements Project SSW07-1656 CIP # 50418

