



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701

## Public Works Department

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## MEMORANDUM

To: USF/SAB28 Oversight Committee

From: Dale Tech, P.E., Acting Public Works Director

Date: November 9, 2016

RE: Project Funding Requests from the Utility Support Fund (USF)

1. Previously the USF appropriated \$1,500,000 in 2016 for the construction of a water transmission main and Pressure Relief Valve (PRV) facility to extend water service to the Water Reclamation Facility (WRF). This project is anticipated to bid in December 2016.

In anticipation of having water service at the WRF the City contracted with Banner Associates to evaluate the existing water mains and facilities at the WRF to determine what components are needed or are in need of maintenance prior to connecting the new water transmission main to the WRF and providing water service. The report has indicated that there are several improvements that will be needed in order to facilitate water service at the WRF. It is estimated that \$500,000 will be needed for engineering and construction at the WRF site prior to connecting the new water transmission main and furnishing water. **Staff is requesting \$500,000 from the USF in 2017 for project, "WRF Potable Water Connection, CIP 51079", for improvements needed at the WRF.**

2. Existing City sanitary sewers north of Big Sky Drive and generally east Elk Vale Road currently flow into the Rapid Valley Sanitary District sewer system. Rapid Valley has experienced capacity problems as a result of these flows. The City is currently designing a relief sewer to divert the City sewer flows to the west and connect to an existing City trunk sewer along Elk Vale Road. **Staff is requesting \$1,090,000 from the USF in 2017 to assist in funding the construction of the project, "Rapid Valley Sanitary Sewer Bypass, Project number 2076, CIP 50911".**
3. Previously the USF appropriated \$4,150,000 for the Southside Dr. Sewer (Elks Club Sewer Interceptor) and \$2,500,000 for the Jolly Lane sewer interceptor. The allocations



EQUAL OPPORTUNITY EMPLOYER

were listed as these two projects: Southside Dr. Sewer (Elks Club Sewer Interceptor) and Jolly Lane. These projects since been split into three distinct projects. The first project was awarded and is now under construction. The second project is anticipated to be under construction in 2017 and the third project is anticipated to be under construction in 2017-2018. Staff is anticipating an overall shortfall for all three projects in the amount of \$2,500,000 - \$3,300,000. **Staff is requesting an additional \$2,000,000 in 2018 and \$1,500,000 in 2019 for the Jolly Lane project.**

4. Previously the USF appropriated \$7,300,000 and \$6,800,000 for the Dyess Ave/Seger Dr. Sewer. This project consists of the reconstruction of Seger Dr. from Lacrosse Street to Dyess Ave., the reconstruction of Dyess Ave. from Seger Dr. south to Mall Dr., and the reconstruction of Lacrosse St. from Seger Dr. south to Mall Dr. The project was split into three distinct projects. One project has been constructed and a second is nearing completion. The third project is scheduled to be bid in early 2017. Staff is anticipating a shortfall for the third project in the amount of \$2,700,000. **Staff is requesting an additional \$1,600,000 for Seger Drive Reconstruction – 143<sup>rd</sup> Ave to Lacrosse (50277.1-4) in 2017.**

