



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-5035

## Engineering Services

300 Sixth Street

Telephone: (605) 394-4154

FAX: (605) 355-3083

Web: [www.rcgov.org](http://www.rcgov.org)

## MEMORANDUM

TO: .16 Committee

FROM: Robert Ellis, Public Works Director *RE*

SUBJECT: Elk Vale Sewer Project

DATE: April 10, 2008

Public Works staff is requesting authorization to reallocate .16 funds within the Elk Vale lift station and Elk Vale gravity sewer projects. This reallocation will work towards accomplishing the goal of providing sewer service to the entire northeast section of Rapid City and is consistent with the original intent of the .16 Committee allocations.

Attached is an exhibit and construction cost breakdown for the various components of the project. The .16 committee has already allocated \$500,000 for a portion of the gravity sewer and \$2,500,000 for the lift station improvements. The current request is to reallocate \$1,610,000 of the \$2,500,000 dedicated to the lift station upgrade so that downstream gravity sewer can be installed. This will leave \$890,000 for lift station improvements such as impeller replacement (\$8,000), and pump upsizing (\$600,000) which will provide enough capacity to allow growth through 2013-2016.

It should be pointed out that these downstream gravity sewer improvements will need to be made in order to accommodate the future volume of wastewater generated by the lift station. This reallocation will also allow for development on the south side of I-90 which is restricted by the limited capacity in the existing gravity sewer line.



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