October 1, 2021

Public Works Committee/Common Council

RE: Request Authorization to Seek Proposals for Engineering Services for
Sheridan Lake Road Reconstruction – Corral Drive to Catron Boulevard
Project No. 20-2579 / CIP # 51122

Sheridan Lake Road is a principal arterial road that was constructed in 1995 and had an
assumed average daily traffic (ADT) of nearly 4000 vehicles per day (vpd). The area has
experienced significantly faster growth than was anticipated, and the 2019 ADT was
approximately 16,000 vpd. The intersection of Sheridan Lake Road and Catron Boulevard
experiences backups and congestion during the peak morning and afternoon/evening hours
due to school and commuter traffic. Continued growth of the area from housing and
commercial developments is expected to increase traffic and further degrade the level of
service for the corridor. A previous project, Sheridan Lake Road Traffic Study Report – Corral
Drive to Alberta Drive, was completed in 2019 and provided recommendations for the corridor
and the intersections of Sheridan Lake Road with Catron Boulevard and Corral Drive and the
recommendations from this report are intended to be the basis for design.

The project will include full street reconstruction, including the installation of recommended
additional traffic lanes, roadway safety improvements and storm sewer improvement. The
existing water and sanitary sewer mains are 25 years old and still have remaining useful life.
The current Rapid City Utility Master Plan does not identify any recommended improvements to
the utilities within the corridor, therefore this project proposes only the necessary water and
sanitary sewer adjustments due to roadway modifications.

Staff proposes to hire a Consultant to be responsible for project design, assisting City staff with
acquiring easements and right-of-way, bidding the project, providing construction observation
and project closeout.

The project is funded from the 8910 Streets and 8911 Drainage CIP funds. The project budget
for design, property acquisition, construction and construction administration is $15,100,000.
Staff proposes to bid the project in 2024.

Sara Odden, PE
Project Manager

Cc: Ben Ganje, PE, City Engineer