



CITY OF RAPID CITY

Engineering Services

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MEMORANDUM

TO: Public Works Committee/Common Council

FROM: John Less, P.E.
Traffic Engineer

SUBJECT: Request Authorization to Install STOP signs
Range Road and Raider Road

DATE: November 20, 2006

In accordance with section 10.12.120 of the City of Rapid City Code of Ordinances, Common Council approval is requested for the installation of STOP signs on Range Road and Raider Road (see attached map).

The Manual on Uniform Traffic Control Devices (MUTCD) specifies that multiway stop control may be justified at, "An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multiway stop control would improve traffic operational characteristics of the intersection." The subject intersection is adjacent to Stevens High School and significant delay for westbound traffic occurs during the school year. Additionally, outside of the peak hours, a high percentage of northbound and southbound traffic turns on to Range Road. The installation of multiway stop control at this location is consistent with the justification given in the MUTCD and the change in operations is not expected to have a significant adverse effect on vehicle delay.

REQUESTED ACTION:

Staff requests that the Common Council authorize the installation of STOP signs to effect multiway stop operation at the intersection of Range Road and Raider Road.



EQUAL OPPORTUNITY EMPLOYER

Range Road / Raider Road Proposed STOP Sign Installation

