



CITY OF RAPID CITY

Engineering Services

300 Sixth Street
Rapid City, SD 57701-2724

MEMORANDUM

TO: Public Works Committee/Common Council

FROM: Robert Ellis, P.E.
City Engineer

THROUGH: Dirk Jablonski, P.E.
Director of Public Works

SUBJECT: Evaluation of Existing Traffic Control
Dunham Estates Subdivision

DATE: November 19, 2007

BACKGROUND

- 1) At the request of a neighborhood resident, Engineering Services evaluated the existing traffic control within Dunham Estates Subdivision. An area location and existing traffic control map is attached for reference.
- 2) There are a total of twenty (20) lots within the subdivision, twelve (12) of which are developed. The traffic generated by this development level characterizes the interior streets as "low-volume" roads.
- 3) The Manual on Uniform Traffic Control Devices ((MUTCD) recommends that the type of intersection traffic control be appropriate to the level of traffic using the intersection. Consequently, staff recommends the following revisions to be consistent with the intensity of development:
 - a) Twin Peak Lane/Severson Street – Change northbound STOP to YIELD.
 - b) Tahoe Peak Lane/Severson Street – Change westbound STOP to YIELD.
 - c) Tahoe Peak Lane/Heidiway Court – Change eastbound STOP to northbound YIELD.

The proposed traffic control plan is also shown on the attached map.



EQUAL OPPORTUNITY EMPLOYER

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REQUESTED ACTION

Approval of the recommended traffic control changes described above.

Attachment

RE:JL

