



December 3, 2002

Mr. Doug Adelman, PE
Traffic Engineer
City of Rapid City
300 Sixth Street
Rapid City, SD 57701-2724

**RE: Cathedral Drive
Pedestrian Crossing**
Project ST 03-1252

Dear Doug:

Kadrmas, Lee & Jackson has reviewed your request for a pedestrian crossing analysis to assist in the installation of a signalized pedestrian crossing on Cathedral Drive between Mount Rushmore Road and 5th Street in Rapid City.

We propose to complete this analysis for a lump sum fee of \$1,500.00. Our services would include the following:

- ◆ Use data provided by the City to make recommendations on the location and timing of the proposed pedestrian crossing.
- ◆ Analyze traffic patterns and timing with the use of SymTraffic and Syncro programs.
- ◆ Provide a brief written statement to the Engineering staff which outlines the findings of the analysis.
- ◆ Present the findings of the analysis to the appropriate members of the Engineering staff.

Our services are based on the following items being provided by the City:

- ◆ Peak hour traffic and turning movement vehicle counts for the intersections of Cathedral Drive with Mount Rushmore Road and 5th Street.
- ◆ Available traffic data for the approaches near the proposed pedestrian crossing.
- ◆ Pedestrian movement data for each of the above listed locations.
- ◆ Existing signal timing plans for signalized intersections within the study area.
- ◆ Speed limit and actual traffic speed data as available.
- ◆ Copy of city air photo for the study area in digital format for use with the traffic analysis software.

a KLJ Solutions company
Kadrmas
Lee &
Jackson
Engineers, Surveyors
and Planners

ENR
TOP500
Design FIRM

We would be available to begin the study shortly after receiving your approval and the required City supplied data. The written report should be completed within two weeks following the receipt of a notice to proceed. Please feel free to contact myself if you should have any questions or need any additional information regarding this analysis.

Sincerely,

KADRMAS, LEE & JACKSON



Rod Senn, PE

cc: KLJ Bismarck