



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-5035

## Growth Management Department

300 Sixth Street

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### MEMORANDUM

TO: Rapid City Public Works Committee

FROM: Ted Johnson, Engineering Project Manager

DATE: October 24, 2007

RE: Exception to Section 8.2 Design Criteria, of the City of Rapid City Street Design Manual, to allow alternate driveway approach separation.  
West 250' of Lot 2, Hansen Heights Addition, S6, T1N, R8E  
320 East Saint Patrick Street

A request was submitted on October 23, 2007 requesting an exception to Section 8.2 Design Criteria, of the City of Rapid City Street Design Criteria Manual, to allow a driveway approach separation of approximately seventy-five feet (75') in lieu of the minimum required separation of one hundred fifty feet (150') from the adjacent property to the east the proposed Calvary Chapel Improvements located at 320 East Saint Patrick Street.

The referenced property is located on the north side of East Saint Patrick Street just east of the intersection of East Saint Patrick Street and Elm Street. This property has two existing driveways on East Saint Patrick Street, with one driveway located at each side of the property. The east driveway for this property is located approximately seventy-five feet (75') west of the driveway for the adjacent property.

East Saint Patrick Street is classified as a principal arterial street with a posted speed limit of 35 mile per hour (MPH). Section 8.2.2 Driveway Approach Spacing (copy attached), paragraph A states: "For arterial and high volume collectors in commercial and industrial areas, an approach separation of two hundred feet (200') (61M) or more of full vertical curb is desirable. Where this spacing cannot be attained, acceptable minimum driveway approach spacing for streets serving greater than 5,000 vehicles per day are shown in Table 8.1." Table 8.1 (copy attached) indicates the minimum driveway approach spacing for streets with a 35 MPH speed limit is one hundred fifty feet (150'). The requested driveway separation of approximately 75 feet is half of the



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required minimum distance and does not provide adequate driveway separation for vehicles traveling along Saint Patrick Street to safely maneuver and access adjacent properties. It is also noted that the east driveway of this property is in conflict with Section 8.2.4 Location Coordination (copy attached), which requires driveways on opposing sides of the street to be located directly opposite of each other or offset by 75 feet.

**Staff Recommendation: Staff recommends denial of the request to allow an alternate driveway approach separation which is less than the required minimum separation distance.**

Attachment