



**Ferber
Engineering
Company, Inc.**

- Civil Engineering
- Water Resources
- Transportation
- Land Surveying

MEMO

**To: City of Rapid City Growth
Management Department**

From: John Van Beek *JVB*

Re: East Mall Drive Widening

CC: File

Date: 2/6/2009

Urgent

For Review

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Ferber Engineering Company completed the Preliminary Design Report for East Mall Drive (City of Rapid City Project No. ST03-1334) in May 2004. The ultimate section called out in the design report is 4 lanes with a 20' wide raised median. The interim section that was constructed in 2005-2006 is a 3 lane section. We propose widening this section of East Mall Drive using the ultimate section defined in that report with the exception of replacing the 20' wide raised median with an 8' wide median and alternating 12' wide dedicated left turn lanes.

East Mall Drive between Dyess Avenue and Elk Vale Road was also supposed to be widened to its ultimate section at the same time as this leg. That project is now on hold and is yet to be determined when it will be built. In the interim, we propose striping a transition from 5 lanes to 3 lanes on the west side of Dyess Avenue. Once the project on the east side of the intersection is completed, the final striping will need to be placed.

Drainage analysis for the ultimate section was completed for the Preliminary Design Report. All analysis, sizing, and a narrative regarding the drainage for this area can be found in Section 5 of this report. We propose constructing the drainage facilities as designed and called out in the Preliminary Design Report.

The Preliminary Design Report for East Mall Drive (City of Rapid City Project No. ST03-1334), As-Built Plans for ST03-1334, Final Plans for ST03-1334b, and Final Plans for East Mall Drive between Dyess Avenue and Elk Vale Road have been included for reference on a CD with this submittal package.

If you have any questions or require any additional information please call.

RECEIVED

FEB 06 2009

**Rapid City Growth
Management Department**