



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-5035

## Growth Management Department

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### MEMORANDUM

TO: Rapid City Public Works Committee

FROM: Robert H. Dominicak, Assistant Growth Management Director

DATE: November 10, 2009

RE: Homestead Subdivision Drainage  
at east end of Homestead Street

#### HOMESTEAD SUBDIVISION DRAINAGE

In June staff was directed to meet with the neighbors whose property is adjacent to the Homestead Subdivision detention pond to discuss the drainage issues raised. A meeting was held Friday, June 26, 2006 and a report of that meeting was presented at the June 30, 2009 Public Works Committee meeting. Mr. Jack White asked that this issue be kept open as there were several things that needed to be done or corrected. This item was continued to the July 28, 2009, Public Works Committee meeting. As there had been no response from the Corps of Engineers regarding work to be done in the wetlands area, this item was continued to the September 1, 2009, Public Works Committee meeting.

On August 11, 2009, Kale McNaboe, Sperlich Consulting, Inc. sent an email to the Corps of Engineers representative requesting a site visit and evaluation of placing additional rip-rap in the outfall area to protect an existing retaining wall. Kale McNaboe indicated that as of August 26, 2009, he has not received a reply from the Corps of Engineers representative regarding a site visit. As there had been no response from the Corps of Engineers regarding work to be done in the wetlands area, this item was continued to the September 15, 2009, Public Works Committee meeting.

Mr. Kale McNaboe, Sperlich Consulting, Inc. indicated that as of September 9, 2009, he had not received a reply from the Corps of Engineers representative regarding a site visit and allowing the work in the wetlands area as discussed at the June site visit. This item was continued to the December 15, 2009, Public Works Committee meeting to allow time for a meeting with the Corps of Engineer's representative.



EQUAL OPPORTUNITY EMPLOYER

On October 20, 2009, Kale McNaboe notified staff that Mr. Jeff Breckenridge from the Corps of Engineers was going to be in Rapid City on October 22 and that a meeting was set for 11:00 a.m. at the Homestead Subdivision site. A meeting was held Thursday, October 22, 2009, with the following in attendance: Mr. Jeff Breckenridge, Corps of Engineers; David Wagner, 1014 Ziebach St.; Harry Globstad, 987 Pennington St.; Jack White, 1026 Ziebach St.; Kale McNaboe, Sperlich Consulting, Inc.; Mary Bosworth and Bob Dominicak, Growth Management Department.

There was discussion regarding the detention pond embankment and the reason it was moved from the location shown on the original plans. Jeff Breckenridge explained the Corps required the detention pond embankment be redesigned and relocated to protect the wetlands area. He also stated that the detention pond embankment and drainage appurtenances have been constructed according to the revised plan. Harry Globstad again affirmed he had contacted Jeff Breckenridge and verified the redesign and construction of the detention pond and that the existing constructed pond and pipe are as was required to protect the wetlands in the area.

Jack White again stated that he wanted a 45° bend be installed at the end of the outlet pipe to better direct the water flow more toward the center of the downstream drainage channel and that some riprap protection be installed on the bank near Mr. Globstad's retaining wall. Jeff Breckenridge said that any revisions proposed by the developer would need to be presented to the Corps of Engineers for review and permission to work in the wetlands area to make any alterations.

Kale stated that he is considering redesigning the drainage pipe off Ziebach Street to outlet into the detention pond. He would submit the redesign to Growth Management staff for their review. The plan for this redesign has been submitted and staff has reviewed and signed off on the redesign for construction. The plan for the pipe redesign is linked to this item.

It was again asked who would be responsible for maintaining the detention pond and slopes. Kale McNaboe explained that the pond is a platted drainage lot and that the owner (developer) would be responsible for the maintenance, not the adjacent landowners.

**Recommendation: Staff recommends that this item be continued to the April 13, 2010 Public Works Committee meeting to allow the appropriate parties to review the redesign plans, construction of the redesigned item and punch list items be corrected.**