



PW050112-25
CITY OF RAPID CITY
RAPID CITY, SOUTH DAKOTA 57701

Public Works Department
Engineering Services Division

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MEMORANDUM

TO: Public Works Committee, Mayor Kooiker, City Council

FROM: Dale Tech PE/LS, City Engineer

SUBJECT: Request by RCS to provide detour and closure of east bound lanes of Canyon Lake Drive.

DATE: May 1, 2012

RCS Construction is proposing to provide a detour route and close the eastbound lane of Canyon Lake Drive from 38th Street to Evergreen to complete the installation of pavement on Canyon Lake Drive. **Staff has denied the request to close the east bound lanes. The original construction phasing has identified that two way traffic is to be provided.**



EQUAL OPPORTUNITY EMPLOYER



CANYON LAKE DRIVE RECONSTRUCTION PROJECT

Narrative for Phase 3B Eastbound Detour of Canyon Lake Drive

Overview: To complete the surfacing work within Phase 3B, we propose the use of a detour route for the eastbound traffic from 38th Street to Evergreen Drive. The eastbound detour would allow the concurrent placement of the eastbound lane and center turn lane. This is a benefit to the project as it requires less time to complete the installation, and also provides a better finished product by using a finishing machine riding on the adjacent pavement, in lieu of setting temporary forms.

Proposed Route: The proposed detour for the eastbound traffic traveling along Canyon Lake Drive will start at the intersection of Canyon Lake Drive and 38th Street. Eastbound traffic will turn right onto 38th Street and proceed South to West Saint Patrick Street, turning left onto West Saint Patrick Street and proceeding East to Evergreen Drive, turning left onto Evergreen Drive and proceeding North to Canyon Lake Drive, and turning right onto Canyon Lake Drive.

Proposed Timing: The plan would be to start the detour when our crews are ready to prepare the eastbound lane and center turn lane for concrete placement. This would not be started until the bike lane curb, fillets and approach panels are completed from the eastern limits of Phase 3B to Fremont Street. The anticipated start time would be mid-May.

Proposed Duration: From the onset of the detour to when the road way will be ready to accommodate eastbound traffic will be approximately 3-4 weeks, which includes cure time for the concrete pavement sections.



Safety • Quality • Communication • Timeliness

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