

Stoney Trail and Nose Hill Drive Interchange Functional Planning Study – Project Information Sheet

June 9th, 2010

Study Background

The Calgary Ring Road and Transportation Utility Corridor (TUC) concept was developed in the 1970's, and the northern portion of the Ring Road was named Stoney Trail in 1981 by the Calgary City Council.

A 1996 study called "*Functional Planning Study – Stoney Trail, Trans-Canada Highway (west) to Deerfoot Trail*" was published and subsequently, 7.4 km of Stoney Trail was constructed between the Trans-Canada Highway and Country Hills Boulevard NW. In 2003, Earth Tech (Canada) Inc. was retained to review the 1996 functional study based on changes to the forecast land use and development rates north of Stoney Trail for the Calgary 1.5 million population horizon. Findings were documented in the report entitled "*Calgary Ring Road – Stoney Trail: Trans-Canada Highway to Deerfoot Trail.*"

Alberta Transportation commissioned construction of the north-western portion of the Calgary Ring Road in 2005, and the north-eastern portion in 2006. Currently, the entire northern portion of the Calgary Ring Road is open to traffic from 17th Avenue east to the Trans-Canada Highway west. Stoney Trail is currently comprised of 44km of access controlled freeway with the exception of at-grade intersections at Harvest Hills Boulevard, Crowchild Trail, Nose Hill Drive, and 17th Avenue. The Crowchild Trail and the Harvest Hills Boulevard intersections will be improved to grade-separated freeway standards by 2011 and 2010, respectively. Construction starts on the 17th Avenue interchange this year, and it will be open to traffic in 2013. This will leave Nose Hill Drive as the only at-grade intersection on the northern portion of the Calgary Ring Road, which will cause traffic delays and safety concerns for road users. To alleviate this, AECOM has been retained by Alberta Transportation to undertake a Functional Planning Study for the intersection of Stoney Trail and Nose Hill Drive in the City of Calgary.

Study Objectives

The objective of this study was to review existing plans and recommend an interchange plan that:

- Provides grade separation for the intersection of Stoney Trail and Nose Hill Drive
- Accommodates the updated traffic volumes generated by The City of Calgary Regional Transportation Model
- Allows for future upgrading of the Stoney Trail Corridor as traffic volumes increase

- Ties-in with the current plans for the Calgary Southwest Ring Road and Bow River crossing
- Minimizes environmental impacts to the 12 Mile Coulee, which parallels Stoney Trail through the project area
- Minimizes impacts to the Bearspaw Water Treatment Plant Facility and the major utilities that support it
- Allows for economical construction of detours and eliminates the signalized intersection from Stoney Trail as soon as possible
- Balances stakeholder interests with the economical construction of roadway infrastructure
- Determines the type and extent of bridge structures, ramps, roadways, intersections, sidewalks/pathways, and drainage facilities required

Project Schedule

The Functional Planning Study has been completed, and the recommended interchange configuration is being presented through an Open House Information Session.

The Open House is scheduled for Wednesday, June 23, 2010 from 4:00 – 8:00 PM at the Advent Lutheran Church, 11 Scenic Acres Gate NW.

Subject to construction funding by the Province of Alberta, construction is estimated to start in May 2011, with completion expected around Late Fall 2013.

Your Role in the Project

Public and stakeholder involvement is important for successful completion of this project.

The Open House Information Session provides a venue to express your views on how the project affects you and your community, and on how to make the project a success. We look forward to discussing the study recommendations with you. For further information about the Open House, please contact:

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