

Southeast Stoney Trail Project

CONSTRUCTION UPDATE SUMMER 2011

Visit the project website at www.sestproject.ca to view graphic illustrations of the route and interchanges, weekly construction and traffic details via our interactive map, and subscribe to our e-info service.



17 Avenue SE and future Stoney Trail SE July 2011



Cranston Blvd/McKenzie Lake Blvd SE at future Stoney Trail SE July 2011

Project Highlights

Construction activity for the Southeast Stoney Trail (SEST) Project in Calgary, AB is well underway in most areas along the project corridor. Local traffic pattern changes are in effect with additional temporary detours occurring this year (please refer to the Traffic Detour Look-ahead in this document or visit our Traffic Management page on our website for details).

Construction has been primarily off-street with minimal effects to motorists travelling through the construction corridor. As each phase of construction advances, crews will continue to safely detour traffic away from the work area and build the new road infrastructure.

The Project has also advanced from the preliminary earthworks, utilities and foundation stage (substructure) to the superstructure stage in several areas. To view the updated graphic illustrations and aerial images of each intersection, please visit the project website. Although crews contended with a long and cold winter, the construction schedule remains on-track for project completion in the fall of 2013.



A few construction progress highlights are noted below. Should you wish to receive specific construction and traffic pattern change information in your area, please contact our project team.

- Mobilization of crew, site trailers, material and equipment has occurred in stages along most areas of the corridor.
- Earthworks and substructure activity (utility relocation, foundation work, piling) is completed at the Western Headworks Canal (WH Canal) and at the Highway 22X and Cranston Blvd/McKenzie Lake Blvd SE interchange.
- Bridge girder installation and significant structure work is underway, including building MSE walls and overpass abutments at the WH Canal and the Highway 22X and Cranston Blvd/McKenzie Lake Blvd SE interchange.
- Substructure activities are also well underway at the interchanges of Peigan Trail SE, 88 Street SE and in the southwest quadrant of the Deerfoot Trail SE and Highway 22X interchange.
- Earthworks, utility construction, foundation, piling and concrete work also continues in stages in preparation for new interchange structures, such as at Glenmore Trail SE, 114 Avenue SE and 52 Street SE.
- Permits and approvals for utility services, environmental management, railway crossings and traffic accommodation also continue in stages as construction proceeds.

Please note construction will result in temporary and permanent traffic pattern changes, vegetation removal, noise, vibration, dust and dirt, heavy equipment movement and, at times, inconvenience to the public. Crews will endeavour to minimize the inconvenience. Thank you for your understanding throughout construction. *Please note construction staging and traffic detour implementation are subject to change with inclement weather.*

Interchange Construction Summary

Sun Valley Blvd/Chaparral Blvd SE at Highway 22X

Topsoil stripping and earthworks are scheduled to begin this fall followed by foundation and structure work to build the interchange. Significant traffic pattern changes are not expected in this area during construction.

McKenzie Lake Blvd/Cranston Blvd SE at Highway 22X

A temporary traffic detour remains in effect to the west of the intersection to allow construction of the new north/south McKenzie/Cranston overpass over Stoney Trail. While traffic uses the detour, crews are constructing the bridge structures and building the interchange. The first of two bridge girder installations affecting nighttime traffic on Highway 22X at the Cranston Blvd/McKenzie Lake Blvd SE interchange occurred in late June 2011 (see photo on next page). The next nighttime traffic detour for bridge girder installation is anticipated in August 2011.

Deerfoot Trail SE at Highway 22X

Grading and earthworks are underway for the new eastbound Highway 22X to southbound Deerfoot Trail SE access ramp, and for the westbound to northbound Deerfoot Trail SE ramp. Once completed in late fall 2011, traffic will be moved to these new ramps, the old ramps will be removed and construction of the remaining interchange structures will continue.

Seton Blvd/Cranston Ave SE and Deerfoot Trail SE at Highway 22X

Earthworks and top soil stripping has begun on the east side of Deerfoot Trail north of Seton Blvd SE. This activity is followed by structure construction for the new access ramps beginning this fall.

52 Street SE at Highway 22X

Topsoil stripping, earthworks and utilities are underway with no significant changes to traffic patterns anticipated in this area. Traffic will continue to use the existing roadway while interchange construction continues.

88 Street SE at Highway 22X

Topsoil stripping and earthworks continue in this area. A slight shift in traffic is scheduled to be implemented in August 2011 in preparation for access ramp construction in this area.

114 Avenue SE

Topsoil stripping and earthworks are underway followed by utility relocation and road work in this area. No traffic pattern changes are scheduled at this location until late fall 2011.



Bridge girder installation June 2011 at Highway 22X and the Cranston Blvd/McKenzie Lake Blvd SE interchange.

Glenmore Trail SE

Traffic on Glenmore Trail SE between 68 Street SE and 84 Street SE is currently using one lane in each direction and shifted slightly to the south for substructure work. Once this work is completed, traffic will be shifted onto a new detour to the north of Glenmore Trail SE so crews can continue to build the interchange structures. Traffic is anticipated to use this new detour from August 2011 through the fall 2012.

61 Avenue SE Flyover

Topsoil stripping and earthworks are ongoing in preparation for the 61 Avenue SE flyover at the future Stoney Trail SE. This activity will be followed by utility, foundation and bridge structure work through 2012.

Peigan Trail SE

Earthworks, utility and foundation work are underway to build the future Peigan Trail SE and Stoney Trail SE interchange followed by structure work for the new CN Rail overpass. Please note that 50 Avenue SE is permanently closed between 68 Street SE and 84 Street SE to accommodate construction of Stoney Trail SE and the crossing of the CN Rail line.



First bridge girder installation at the WH Canal May 2011.

17 Avenue SE

Earthworks, utility and foundation works are underway in preparation for a temporary eastbound and westbound traffic detour and subsequent interchange construction beginning later this year.

For traffic detour staging, please refer to the detour look-ahead following this page.

2011/2012 TRAFFIC DETOUR LOOK-AHEAD

Construction activity often requires traffic to be shifted slightly off existing roadways in phases while sections of new road, ramp and overpass structures are built. Two-way traffic will be maintained on existing and/or temporary detour roadways throughout Southeast Stoney Trail construction.

Crew and equipment will be moving to and from work areas using designated roadways, which may result in a minor stoppage of traffic at times as vehicles enter/exit work areas.

Motorists are reminded to reduce speed and use extra caution when travelling through work areas.

Location (SE Calgary)	*Duration	*Traffic Pattern Change
Sun Valley Blvd/Chaparral Blvd at Highway 22X	<p>Phase 1: Underway through Fall 2012</p> <p>Phase 2: Between Fall 2012 and Fall 2013</p>	<p>Phase 1: no significant traffic pattern changes.</p> <p>Phase 2: minor traffic shifts in effect as motorists begin to use new access ramp(s) while remaining ramps are constructed.</p> <p>Lanes on Hwy 22X maintained.</p> <p>Interchange fully opens Fall 2013.</p>
Cranston Blvd/McKenzie Lake Blvd at Highway 22X	<p>Phase 1: Completed.</p> <p>Phase 2: October 2010 to Fall 2011</p> <p>Phase 3: Between Fall 2011 and Fall 2013</p>	<p>Phase 1: no changes to traffic.</p> <p>Phase 2: northbound and southbound traffic shifted to a temporary detour to the west of existing roadway.</p> <p>Phase 3: minor traffic shifts in effect as motorists begin to use new access ramp(s) while remaining ramps are constructed.</p> <p>Lanes on Hwy 22X maintained.</p> <p>Interchange fully opens Fall 2013.</p>

Location (SE Calgary)	*Duration	*Traffic Pattern Change
<p>Deerfoot Trail at Highway 22X</p>	<p>Phase 1: Underway through Fall 2011</p> <p>Phase 2: Fall 2011 to Spring 2012</p> <p>Phase 3: Between Fall 2012 and Fall 2013</p>	<p>Phase 1: limited traffic pattern changes during ramp construction.</p> <p>Phase 2: minor traffic shifts as motorist use temporary access ramps while new access ramp construction occurs. Minor changes to traffic on Deerfoot Trail for road widening.</p> <p>Phase 3: minor traffic shifts in effect as motorists begin to use new access ramp(s) while remaining ramps are constructed.</p> <p>Lanes on Hwy 22X maintained.</p> <p>Interchange fully opens Fall 2013.</p>
<p>Seton Blvd/Cranston Ave and Deerfoot Trail at Highway 22X</p>	<p>Phase 1: Work underway by others</p> <p>Phase 2: Fall 2011 through Fall 2012</p> <p>Phase 3: Between Fall 2012 and Fall 2013</p>	<p>Phase 1: bridge over Deerfoot Trail widened by others.</p> <p>Phase 2: traffic pattern changes to be completed in conjunction with Deerfoot Trail widening roadworks timing.</p> <p>Phase 3: traffic shifted in stages during roadworks and interchange construction. Minor shifts in traffic as motorists begin using new access ramp(s) while remaining ramps are constructed.</p> <p>Lanes on Hwy 22X maintained.</p> <p>Interchange fully opens Fall 2013.</p>

Location (SE Calgary)	*Duration	*Traffic Pattern Change
52 Street at Highway 22X	Phase 1: Underway through Fall 2011 Phase 2: Between Fall 2011 and Fall 2013	Phase 1: no changes to traffic. Phase 2: 52 Street SE traffic shifted onto new access ramp(s) while remaining ramps are constructed. Existing 56 Street SE north and south ends to be closed within the TUC. Lanes on Hwy 22X maintained. Interchange fully opens Fall 2013.
88 Street at Highway 22X	Phase 1: Underway through Fall 2011 Phase 2: Fall 2011 to Spring 2012 Phase 3: Between Spring 2012 and Fall 2013	Phase 1: no changes to traffic. Phase 2: intermittent shoulder closures and minor road realignment work on Hwy 22X and on 88 Street SE along the south side of intersection area. Phase 3: minor traffic shifts in effect as motorists begin to use new access ramp(s) while remaining ramps are constructed. 88 Street SE north of the new Stoney Trail SE to be closed after March 2012. Lanes on Hwy 22X maintained. Interchange fully opens Fall 2013.
114 Avenue	Phase 1: Underway through Fall 2011 Phase 2: Fall 2011 to Fall 2012 Phase 3: Between Fall 2012 and	Phase 1: no changes to traffic. Phase 2: new 84 Street SE access open to the east of existing roadway. New 114 Avenue SE access open south of existing

Location (SE Calgary)	*Duration	*Traffic Pattern Change
	Fall 2013	roadway. Phase 3: minor traffic pattern change remains in effect until interchange opens. Interchange fully opens Fall 2013.
Glenmore Trail	Phase 1: Underway through Summer 2011 Phase 2: Summer 2011 through Fall 2012 Phase 3: Between Fall 2012 and Fall 2013	Phase 1: eastbound and westbound traffic uses one lane in each direction to the south of the roadway between 68 Street SE and 84 Street SE. Phase 2: eastbound and westbound traffic shifted to the north of the existing roadway between 68 Street SE and 84 Street SE. Phase 3: minor traffic shifts in effect as motorists begin to use new access ramp(s) while remaining ramps are constructed. Interchange fully opens Fall 2013.
61 Avenue Flyover	Phase 1: Underway through Fall 2011 Phase 2: Fall 2011 to Fall 2013 Phase 3: Fall 2013	Phase 1: no changes to traffic. Phase 2: minor traffic pattern changes at the 61 Avenue SE and 84 Street SE intersection. Phase 3: new signalized intersection activated by City. Flyover opening date is the responsibility of the City and subject to the City extending 61 Ave to the west of the TUC.



Location (SE Calgary)	*Duration	*Traffic Pattern Change
Peigan Trail	Phase 1: Underway through Fall 2011 Phase 2: Between Fall 2011 and Fall 2013 Phase 3: Fall 2013	Phase 1: 50 Avenue SE between 68 Street SE and 84 Street SE permanently closed. Phase 2: minor traffic pattern changes in effect at the Peigan Trail SE and 84 Street SE area. Phase 3: new signalized intersection activated by City. Interchange fully opens Fall 2013.
17 Avenue	Phase 1: Underway through Fall 2011 Phase 2: Fall 2011 to Fall 2012 Phase 3: Between Fall 2012 and Fall 2013	Phase 1: minor traffic pattern changes on 17 Avenue SE between 68 Street SE and 84 Street SE. Phase 2: eastbound and westbound traffic shifted onto temporary detour north of existing roadway. Phase 3: minor traffic shifts in effect as motorist begin to use new access ramp(s) while remaining access ramps are constructed. Interchange fully opens Fall 2013.

This information is updated as of July 2011. Please note dates are subject to change. For more specific traffic detour implementation timelines and additional project information, please visit us online at www.sestproject.ca.

The Alberta Government signed a 33-year agreement with Chinook Roads Partnership to design, build, operate and partially finance the southeast leg of the Stoney Trail ring road from its junction at 17 Avenue SE, south along the City of Calgary's eastern limit, then west along Highway 22X to east of the Macleod Trail interchange. This new road will be opened to traffic by the Alberta Government in the fall of 2013.