

## Southeast Stoney Trail Project CONSTRUCTION UPDATE JANUARY 2012

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### 2011 Project Highlights

2011 was a productive year for the Southeast Stoney Trail (SEST) Project in Calgary, AB. Construction on many of the Project's bridge structures, roadways, flyovers and interchanges are well underway.



17 Avenue SE and Stoney Trail SE

Construction progress from recent months is noted below.

- Topsoil stripping has been largely completed in all areas, with some minor work remaining in areas such as Sun Valley Blvd/Chaparral Blvd SE and smaller areas along Deerfoot Trail SE.
- Earthworks are progressing along all areas of the TUC corridor and nearing completion at 88 Street SE and Peigan Trail SE.
- Piling is complete at various structures including 114 Avenue SE, the CN Rail line and Glenmore Trail SE.
- Pier columns and pier cap construction completed at structures near Peigan Trail SE, Glenmore Trail SE, 52 Street SE, 61 Avenue SE, 88 Street SE and the McKenzie Lake Blvd/Cranston Blvd SE intersection.
- Girder installation has been completed at the McKenzie Lake Blvd/Cranston Blvd SE intersection and across the WH Canal.
- MSE walls, overpass abutments and overall structure work is underway in areas including 88 Street SE and near the McKenzie Lake Blvd/Cranston Blvd SE intersection.
- Paving works are well underway from CP Rail (near 114 Avenue SE) to 50 Avenue SE, and around the 52 Street SE intersection.
- Traffic detours on Glenmore Trail SE and 17 Avenue SE shifted motorists to new alignments to allow interchange construction to begin.



Construction activities in 2011 have kept the Project schedule on-track with completion for fall 2013.

## 2012 Look-Ahead

Construction will continue throughout the winter in expectation of a busy spring and summer season.

2012 construction activities include:

- Earthworks to be completed in all areas along the Project corridor.
- Opening of the overpass near the McKenzie Lake Blvd/Cranston Blvd SE intersection.
- Concrete work to continue on all 27 bridge structures.
- Bridge work, including deck and girder installation, to continue in stages on all bridge structures.
- Asphalt paving on existing and new roadways, flyovers and interchanges throughout the corridor to continue.
- Construction to begin on the noise walls in the Cranston and Auburn Bay residential communities.

Similar traffic pattern changes that occurred in 2011 are anticipated to remain in effect throughout 2012 and may cause impacts to traffic in some areas at some times. More information will be posted on our website when available.

As construction continues in 2012, please note that it will result in vegetation removal, noise, vibration, dust and dirt, heavy equipment movement and, at times, inconveniences to the public. Crews will endeavor 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

This summary highlights Project progress in 2011 and upcoming construction and traffic pattern changes in 2012. For more information about each phase of activity in your area, please contact our project team.

### Sun Valley Blvd/Chaparral Blvd SE at Highway 22X

Construction activities were limited in 2011 in order to avoid significant traffic impacts to the community. Minor topsoil stripping and earthworks are scheduled to begin in spring 2012, with foundation and structure work to follow in summer 2012 and into 2013.

Minor traffic shifts are expected to begin in fall 2012 as motorists will be moved onto new access ramp detour routes.



## McKenzie Lake Blvd/Cranston Blvd SE at Highway 22X

Structure works at this intersection was a priority in the summer and fall of 2011. Two night-time girder installations in June and October 2011 restricted traffic to allow bridge and interchange construction to begin. Girder installation has now been completed at this interchange.

A temporary traffic detour remains in effect west of the intersection to allow crews to construct the new north/south McKenzie/Cranston overpass over Stoney Trail. Traffic is anticipated to remain on this temporary detour until summer 2012.

Falsework will continue through the winter, with deck construction on the bridge to start in spring 2012. The new bridge is anticipated to open in summer 2012, allowing traffic to be switched onto the ultimate alignment.

Additional minor traffic shifts are scheduled for summer 2012 as motorists will be moved onto new access ramps to the west of the existing roadway. Access from McKenzie Lake Blvd/Cranston Blvd SE to and from Highway 22X from the east will be discontinued in summer 2012 when the new ramp opens.

## Deerfoot Trail SE at Highway 22X

Earthworks and roadway work began in 2011 to prepare for the construction of new detour ramps in 2012.

As of January 2012, temporary access ramps traffic detours from westbound Highway 22X to southbound Deerfoot Trail SE were implemented. Motorists will remain on the detours until the summer of 2013.

Grading and earthworks will recommence after the relocation of key utilities in order to construct the remaining three new access ramp detours at the Deerfoot Trail SE and Highway 22X intersection. Traffic will be shifted onto two permanent and one temporary access ramp detours in 2012.



Deerfoot Trail SE

Piling works on the Deerfoot Trail SE structures are underway, and will continue throughout spring and summer 2012. Superstructure work at this interchange will follow in early summer. Paving works, including the access ramps detours, is continuing through winter and spring 2012.



### **Seton Blvd/Cranston Avenue SE and Deerfoot Trail SE at Highway 22X**

Construction in 2011 was minor. Earthworks and topsoil stripping has started on the east side of Deerfoot Trail SE north of Seton Blvd SE, and will continue into spring 2012. Structure construction for the new access ramps is scheduled to begin in fall 2012.

Minor traffic closures or shifts may be required in 2012, but significant traffic detours are not anticipated until summer 2012.

### **52 Street SE at Highway 22X**

Topsoil stripping, utilities work and piling have been completed, with earthworks nearing completion. Grading, piers and column works are progressing and will continue in early spring 2012.

Bridge construction is ongoing and will be underway through spring 2012. Girder installation for interchange construction is scheduled to begin in summer 2012. Significant traffic pattern changes are not anticipated in this area for 2012. Traffic will continue to use the existing roadway while the interchange is being built.

### **88 Street SE at Highway 22X**

Grading and piling works are ongoing with minor topsoil stripping and earthworks to continue through 2012. Pile driving, MSE wall construction and girder installation to progress through winter and into spring 2012.

88 Street SE north of the new Stoney Trail SE is scheduled to be closed in March 2012. Additional traffic shifts or closures may be required at times throughout 2012.

### **114 Avenue SE**

Topsoil stripping, earthworks, utility relocation and roadwork are progressing. MSE walls construction will continue throughout spring 2012. Substructure and superstructure work, including girder installation, to start in spring 2012.

Traffic pattern changes in this area are not anticipated until spring 2012. Motorists will be shifted onto the permanent alignment at this interchange in summer 2012.

### **Glenmore Trail SE**

Earthworks, roadworks and piling construction are ongoing. A temporary traffic detour on Glenmore Trail SE between 68 Street SE and 84 Street SE was implemented in August 2011. Traffic will remain on this detour until late 2012.

Dirt work, paving and substructure work to proceed in late spring or early summer 2012, with girder installation and superstructure construction to follow for ultimate bridge preparation. Motorists may experience minor traffic impacts when the new access ramps open in fall 2012.

### **61 Avenue SE Flyover**

Topsoil stripping in this area has been completed. Earthwork in preparation for the 61 Avenue SE flyover at the future Stoney Trail SE will continue in spring 2012, with structure work to follow. MSE wall construction, girder installation and bridge deck work is scheduled to start in mid 2012.

Minor traffic pattern changes at the 61 Avenue SE and 84 Street SE intersection may occur through 2012. Significant traffic impacts are not anticipated until fall 2013.

### **Peigan Trail SE**

Grading and substructure concrete work is substantially complete. Earthworks and utility work will proceed through spring 2012 to build the Peigan Trail SE and Stoney Trail SE interchange. MSE wall construction is currently underway and piling is complete at the CN Rail crossing. Girder installation on the bridge structure is scheduled to begin in spring 2012, with bridge deck construction to follow in fall 2012.



Peigan Trail SE

50 Avenue SE is permanently closed between 68 Street SE and 84 Street SE for Stoney Trail SE and CN Rail line work. Minor traffic pattern changes may be required at the Peigan Trail SE and 84 Street SE area in 2012. Significant traffic changes are not expected until fall 2013.

### **17 Avenue SE**

Dirt work and roadwork in preparation for the temporary detour began in 2011. Traffic was switched onto the new eastbound and westbound detour in November 2011 to allow construction for the new Stoney Trail SE and 17 Avenue SE interchange to begin.

Piling work will progress in the spring, with substructure work to begin in summer 2012. Superstructure work to follow in the late summer and into fall 2012. Significant traffic pattern changes are not anticipated in this area until fall 2013.

**This information is updated as of January 2012. Please note dates are subject to change. For more specific construction and traffic detour timelines, please visit [www.sestproject.ca](http://www.sestproject.ca).**