

## **NORTH HIGHWAY CONNECTOR**

### **Highlights**

- This project is needed to provide access to the northeast and northwest City growth areas, to relieve future congestion on Gaetz Avenue and 67 Street intersection, to relieve congestion on existing roadways, and to function as a bypass route for highway traffic.
- This project also includes significant utility (storm and sanitary) components to service the growth areas of the City and region.
- Construction on this project will be staged over a number of years, with Phase I spanning 2011-2016.

The Engineering Services North Highway Connector project is a large scale multi-year transportation and utility project that was originally approved in the 2007 capital budget.

### **Project Overview**

The North Highway Connector project is needed to provide major road access to new residential and commercial development areas in the northeast quadrant of the city and to provide connections to major employment areas in the city's northwest area. It will span from the Gaetz Avenue / Highway 11A intersection to 30 Avenue and includes the portion of 30 Avenue from Northlands Drive to 67 Street. It also includes major utility work including regional sanitary trunks, East Hill Sewer trunks and treatment pond, a river siphon (pipe system under the river), three new bridge structures, approximately six kilometers of new two lane expressway, and the reconstruction of the existing 67 Street / 30 Avenue intersection.

This project is comprised of two phases. Phase I included a major earth moving operation, major existing utility relocations, land acquisition, and new utility installations and a wildlife crossing structure.

The utility extensions along 30 Avenue from Northland Drive to 67 Street commenced construction in 2014 and are scheduled to be completed in early 2015.

In 2015, work on the North Highway Connector project will include:

1. The construction of a roundabout at 67 Street and 30 Avenue intersection.
2. The construction of the first two lanes of 30 Avenue arterial roadways from 67 Street north to Northland Drive.

In conjunction with this project, there is the planned construction of 67 Street to a four lane arterial roadway, from 30 Avenue east to the quarter line (access into Timberlands and future North East school site).

Phase 2 includes work on Northland Drive from Gaetz Avenue to 30 Avenue making the two lane expressway into a four lane. It also includes the initial two lanes of 20 Avenue between 67 Street and 19 Street. Timing of this expansion will consider need, opportunity, and funding ability; tentatively shown in the Capital Budget in 2017 - 2019 timeframe.

### **Budget Requirements and Council Decision Points**

30 Avenue / 67 Street roundabout – Design concept approved in 2013 by Council; 2015 capital budget request is for \$3,120,000, increasing the total project budget to \$20,214,000.

30 Avenue arterial roadway – Design concept approved in 2009 as part of the Northland Drive / 20 Avenue Functional Planning Study; 2015 capital budget request if for an additional \$1,821,000 to complete the project, increasing the total project budget to \$9,906,000.

### **Funding Sources**

This project will be funding through the customer contributions, offsite levies, grants and debt.