



# 170 STREET NORTH CONCEPT PLAN YELLOWHEAD TRAIL TO ANTHONY HENDAY DRIVE

OCTOBER 2014

## About the Project

The City of Edmonton is developing a concept plan for 170 Street from Yellowhead Trail to Anthony Henday Drive.

170 Street is a major arterial road in west Edmonton and a designated truck route. Within the study area, 170 Street serves as a thoroughfare for goods movement in Edmonton's growing northwest commercial and industrial areas and is a popular route for commuters, connecting Edmonton to St. Albert.

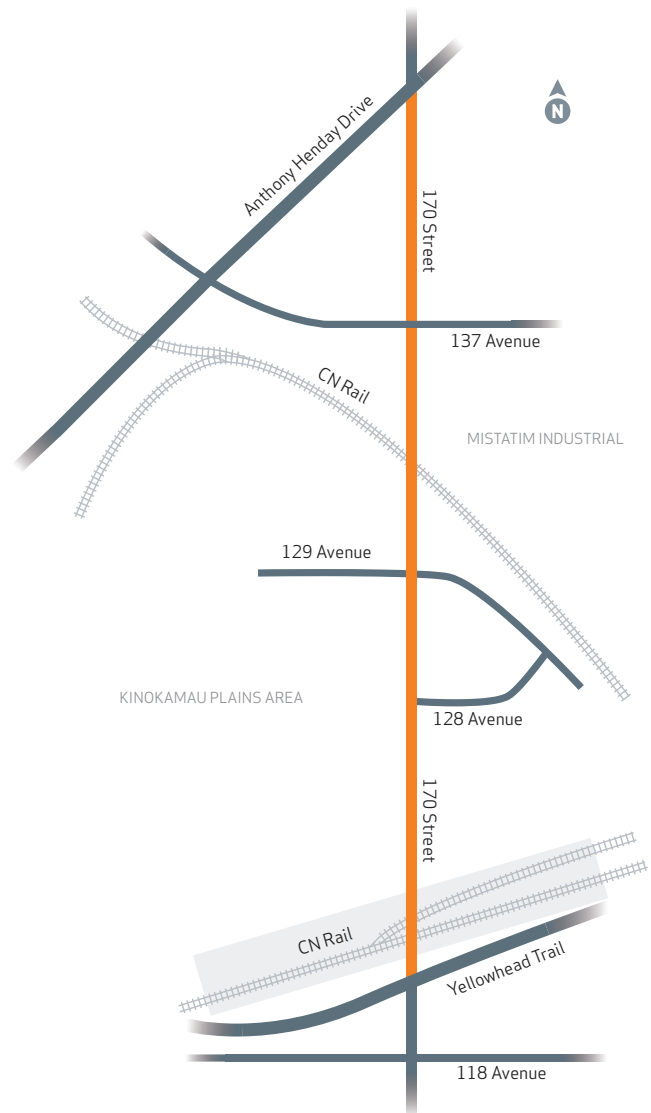
Traffic projections continue to show increases for the next 30 years. This study will look at improving the corridor from the existing 4-lane undivided to a 4-lane divided roadway, with intersection improvements and access management. The goal is to improve safety and traffic flow efficiency for all road users along 170 Street.

## Concept Plan Highlights:

- Widening of 170 Street from 4 rural lanes to 4 urban lanes (urban lanes include sidewalks, shared-use paths, streetlights, trees and provisions for drainage)
- Access and intersection changes along the corridor
- Assessment of property requirements
- Storm water management
- Pedestrian, cyclist and transit accommodation
- Safety and operational improvements along the corridor

## Project Implementation

The project is separated into two phases. Phase 1 will recommend improvements to 170 Street, while Phase 2 will develop an overpass concept plan for a 170 Street/ CN Rail crossing between 129 Avenue and 137 Avenue. Currently,



several trains per day impact traffic flow causing congestion and delays. Concept planning for Phase 2 will occur at a later date.

## Public Involvement

A public involvement process is being implemented as part of the concept planning study. As a key component of determining the transportation issues along the corridor, the project team will gather input from key stakeholders, user groups and the



general public. The process includes:

- Understanding the concerns, travel patterns, and usage of the corridor by land/business owners and commuters
- Understanding future development and expansion plans of adjacent land owners
- Understanding commuter travel patterns (origins/destinations, traffic flow issues)
- Understanding local business operations (origins/destinations, current access patterns and future business opportunities/plans)
- Understanding how 170 Street upgrades may impact/address business operations and identify if additional mitigation strategies can be adopted

Directly impacted business owners and operators will be involved in exploring existing traffic operations and potential access modifications.

Residents and non-impacted business owners/operators will have an opportunity to provide input on the draft concept plan, including trail/walk/crosswalk connectivity and traffic flow issues through an online survey. Feedback gathered will be used to improve the plan.

## Where We Are Today

This study was initiated in Summer 2014 and is anticipated to be completed by the end of 2014. Interviews with impacted stakeholders will be conducted in November 2014, along with an online survey to gather commuter feedback on the draft concept plan.

The recommended concept plan will be posted on the project website by Winter 2014.

There is currently no budget allocated to this project and therefore no timeline for construction.



Source: Google Maps

Existing 170 Street - undivided 4-lane rural road



Source: Google Maps

Example of divided 4-lane urban road

## For More Information

Visit: [www.edmonton.ca/roadplans](http://www.edmonton.ca/roadplans)

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