



50 Street Widening and Railway Grade Separation

Online Information Session

May 25, 2022

edmonton.ca/50StreetWidening

Background

- 32,000 to 35,500 vehicles travel 50 Street per day
- An average of eight trains cross this location daily
- Traffic is blocked an estimated 35 to 64 times each day at the rail crossing



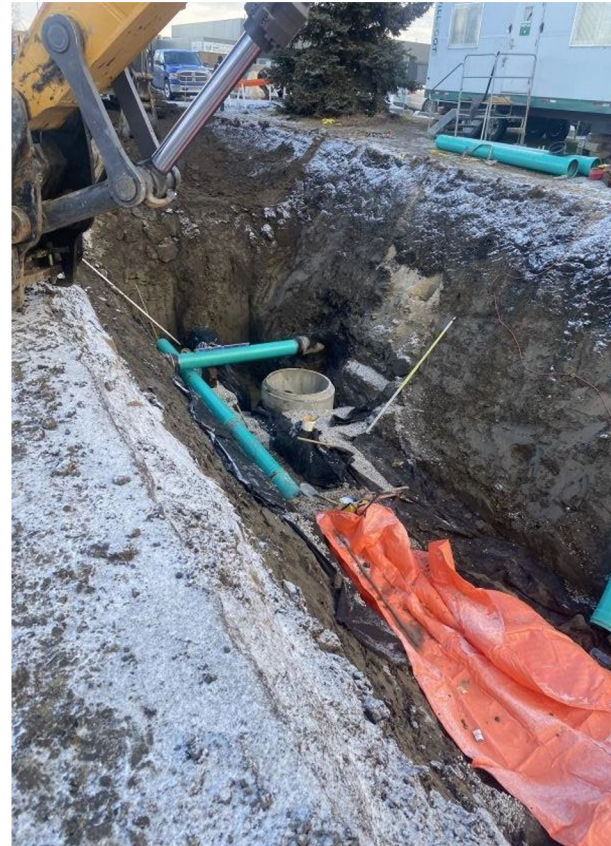
Project overview

- 50 Street will be widened from four lanes to six lanes from the Sherwood Park Freeway to 90 Avenue
- An overpass will carry traffic over the rail tracks and 82 Avenue
 - ◆ When completed, the overpass will include:
 - A new connection underneath the overpass connecting 82 Avenue to 84 Avenue
 - A new shared-use path and sidewalk



Project update

- Early construction activities completed in 2021:
 - ◆ Utility relocation
 - ◆ Drainage work
 - ◆ Detour roadway construction
- Construction on the northbound overpass began in early May



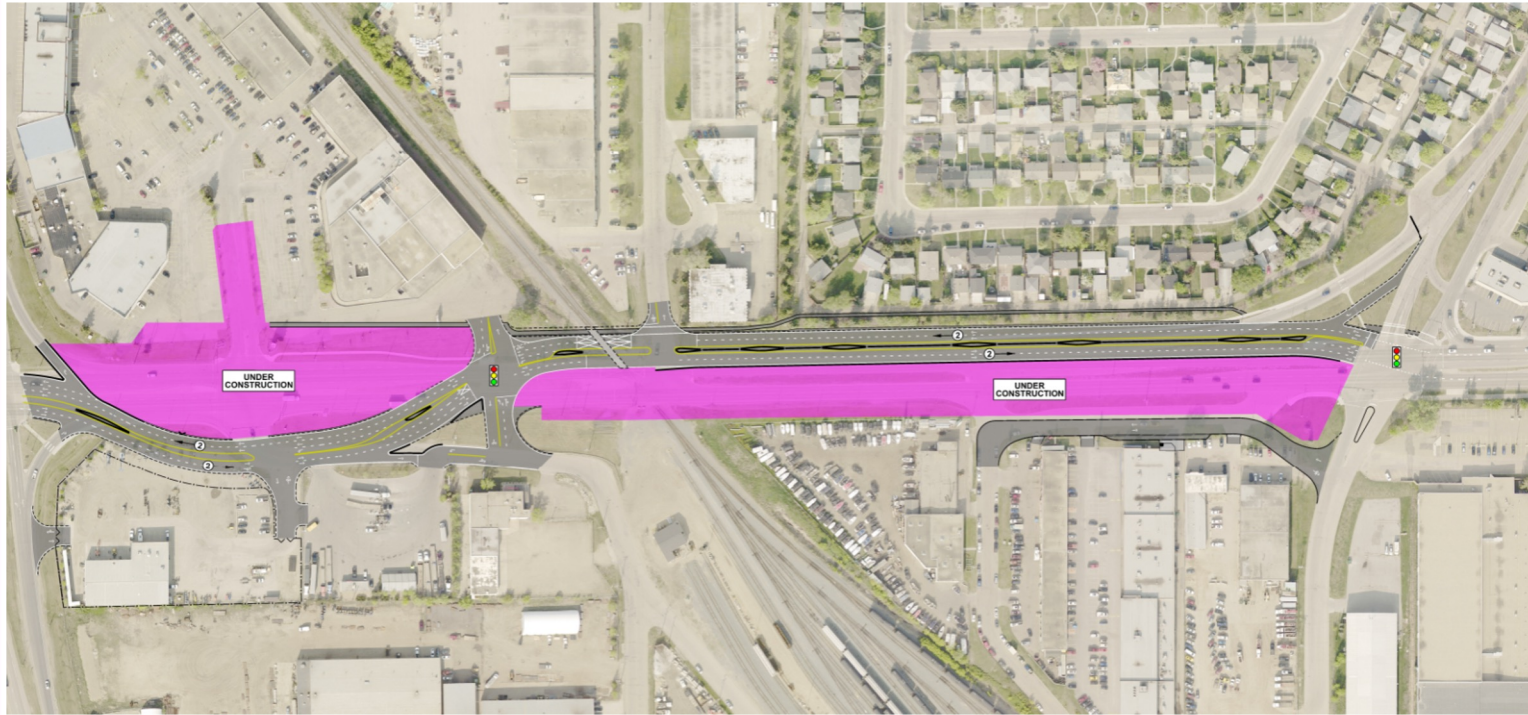
Construction schedule

- Preliminary Design - Complete
- Detailed Design - Complete
- Early construction activities - Complete
- Overpass construction - May 2022 ← **WE ARE HERE**
- Northbound bridge completion - Summer 2024
- Southbound bridge completion - End of 2025

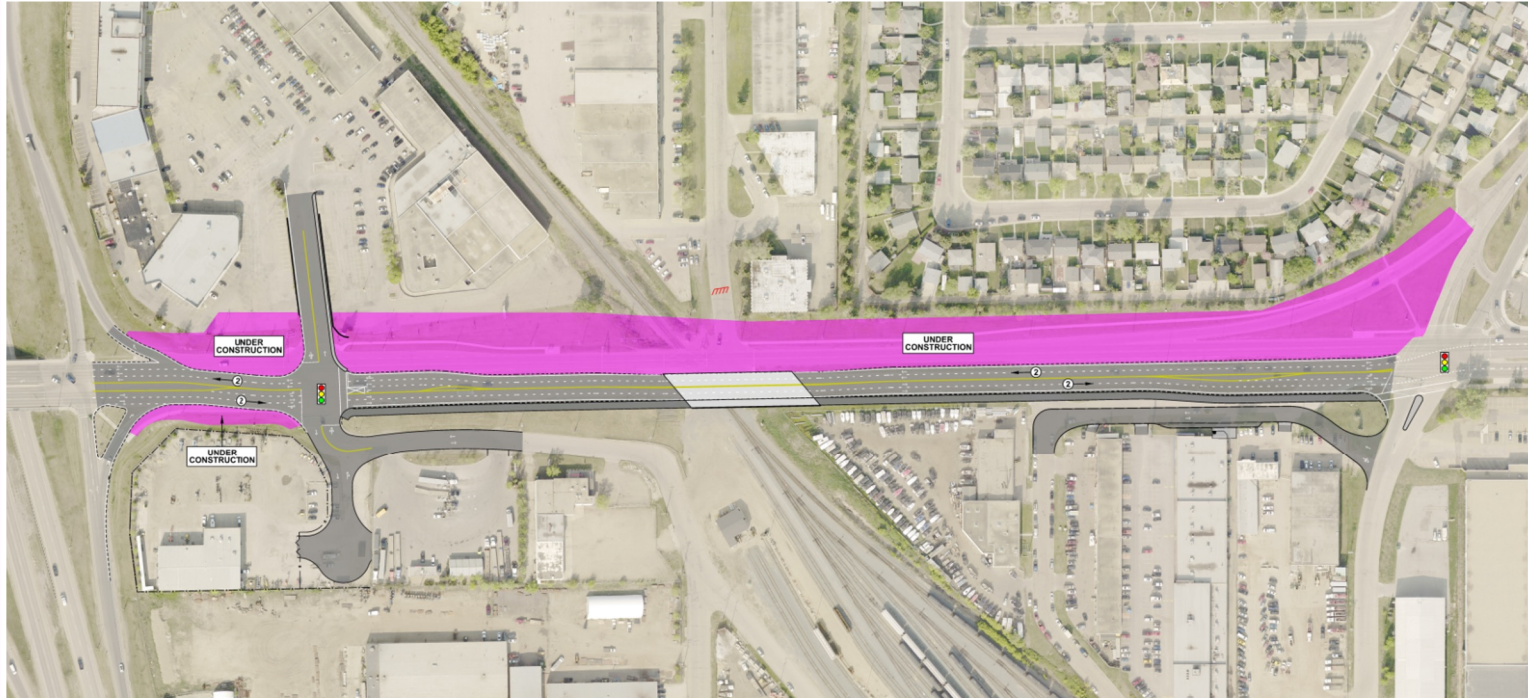
What to expect during construction

- Two lanes of traffic in each direction will remain open during construction
- 50 km/h speed limit on 50 Street
- Narrower vehicle lanes on detour roadway
 - ◆ **Keep in mind** - detour lanes will change often during different stages of project construction
- Business, residential neighbourhood and pedestrian access will be maintained

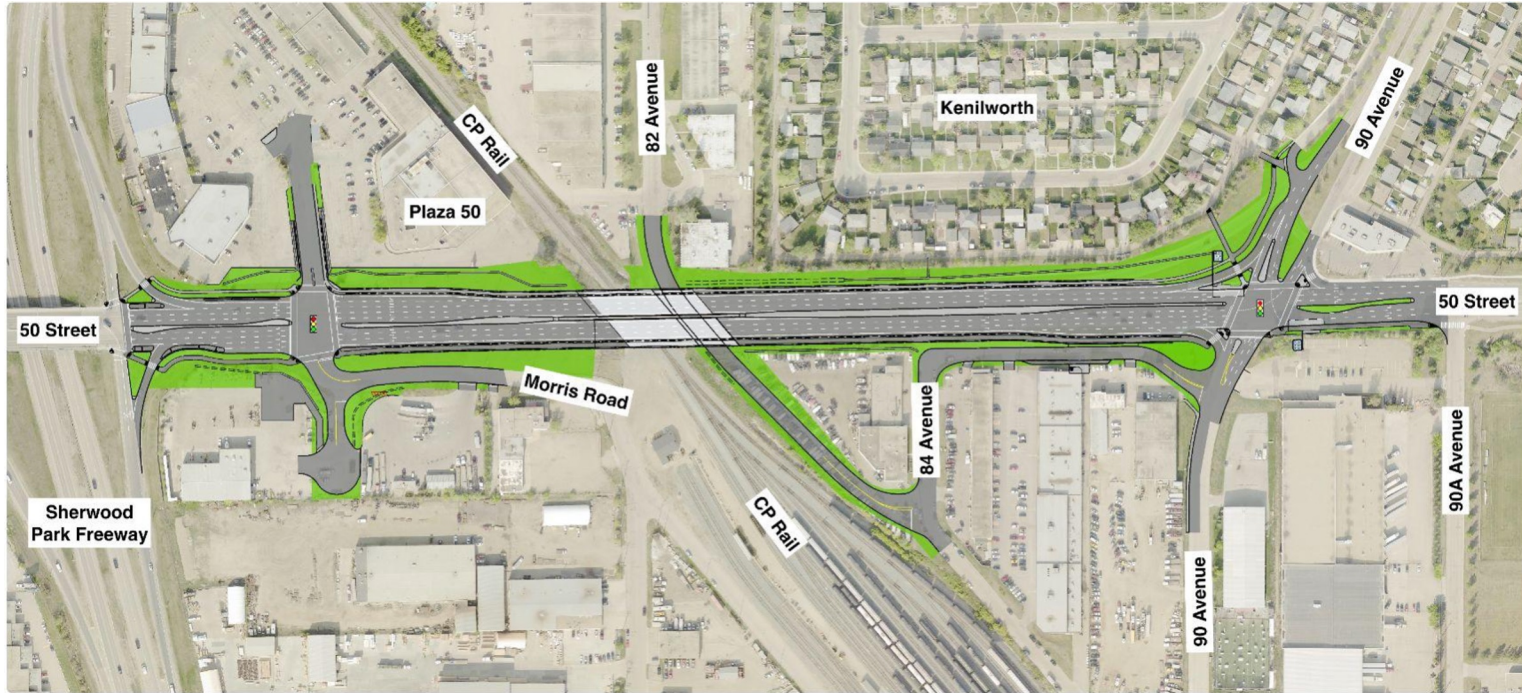
Detour roadway: Summer 2022 to Summer 2024



Detour roadway: Summer 2024 to Fall 2025



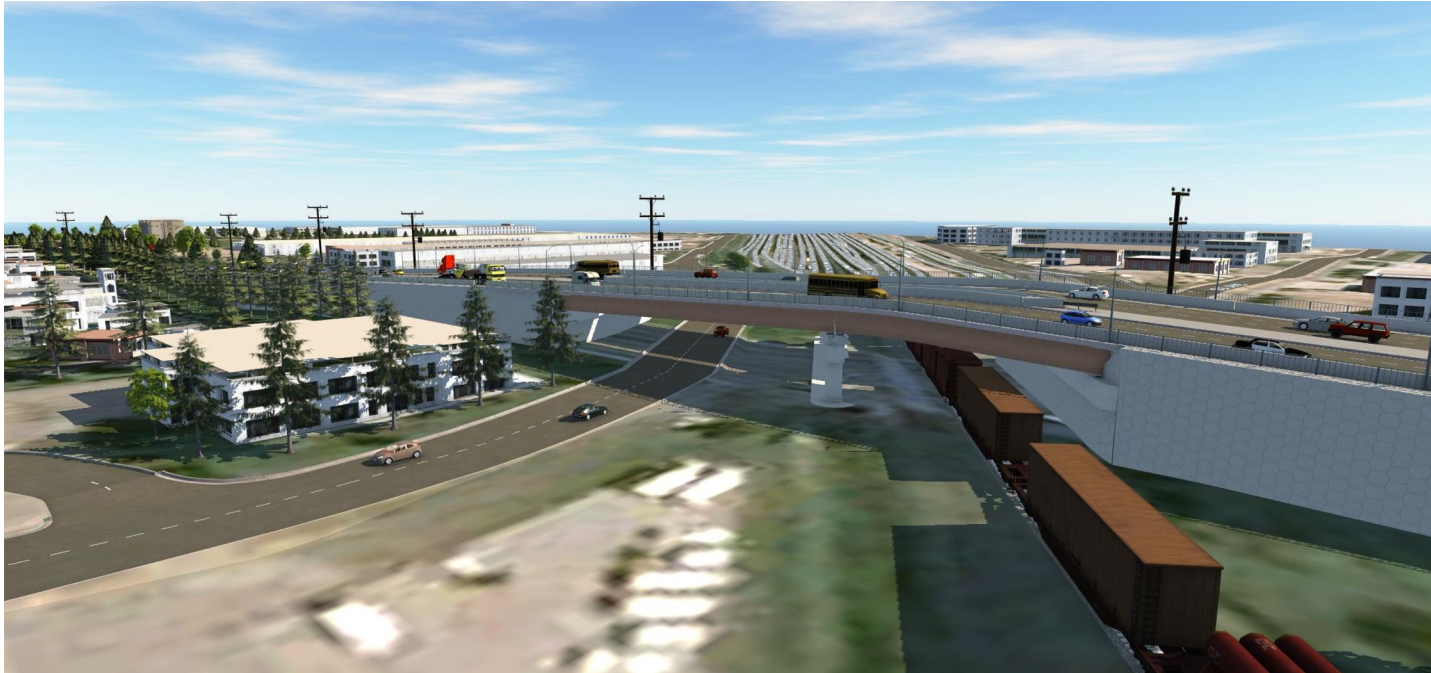
Completed project: Summer 2026



Rendering of shared-use path on east side of completed overpass



Rendering of completed overpass looking east



Rendering of completed overpass looking north



Thank you

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The logo for the City of Edmonton, featuring the word "Edmonton" in white text on a dark blue square background.