

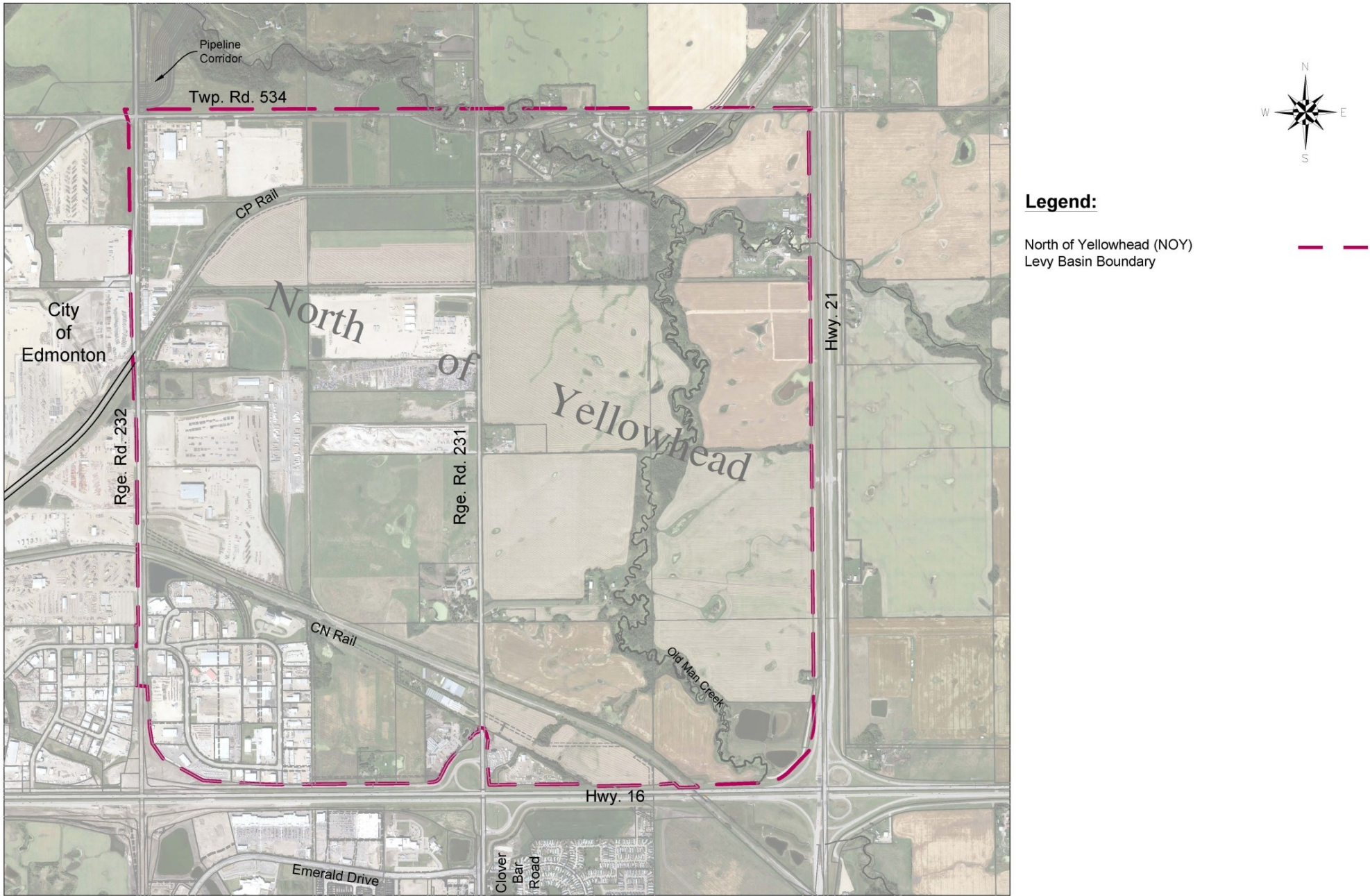
June 14, 2016 Priorities Committee

Design and Cost Updates for
North of Yellowhead/Range Road 232

Agenda

- North of Yellowhead area review
- North of Yellowhead, including Range Road 232, review of project phasing, costs, and timing
- Review of other upcoming area influences including:
 - North East Anthony Henday Drive project
 - Sanitary Sewer upgrades by Alberta Capital Region Wastewater Commission
 - Trail Connections

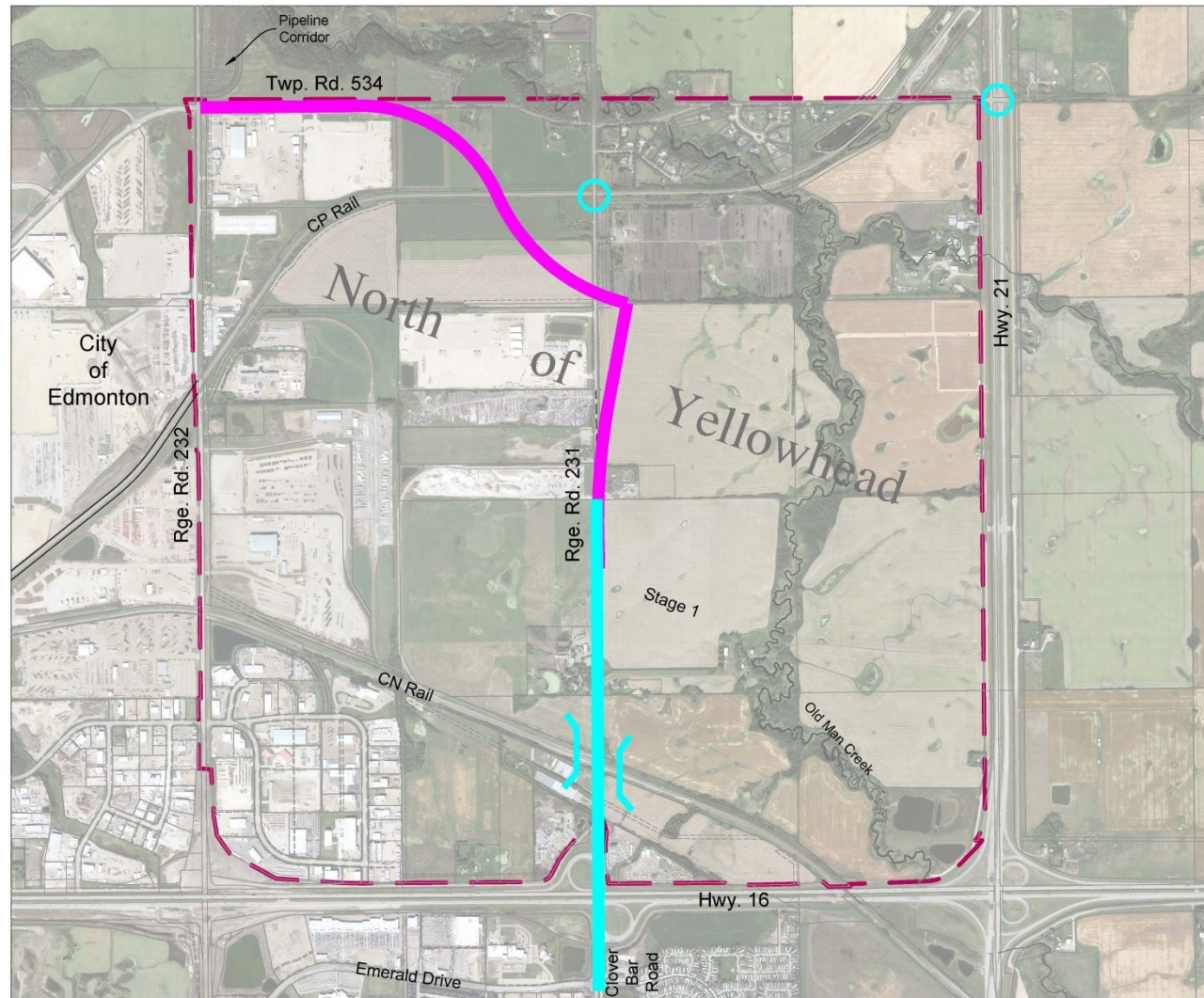
North of Yellowhead – Overall Boundary



NORTH OF YELLOWHEAD

Off-site Infrastructure Phase 1

NORTH OF YELLOWHEAD - PHASE 1



May 30, 2016

Legend:

North of Yellowhead
Levy Basin Boundary

Development Stage 1 Boundary

Road Upgrades

Utility Work (Water and Sanitary)



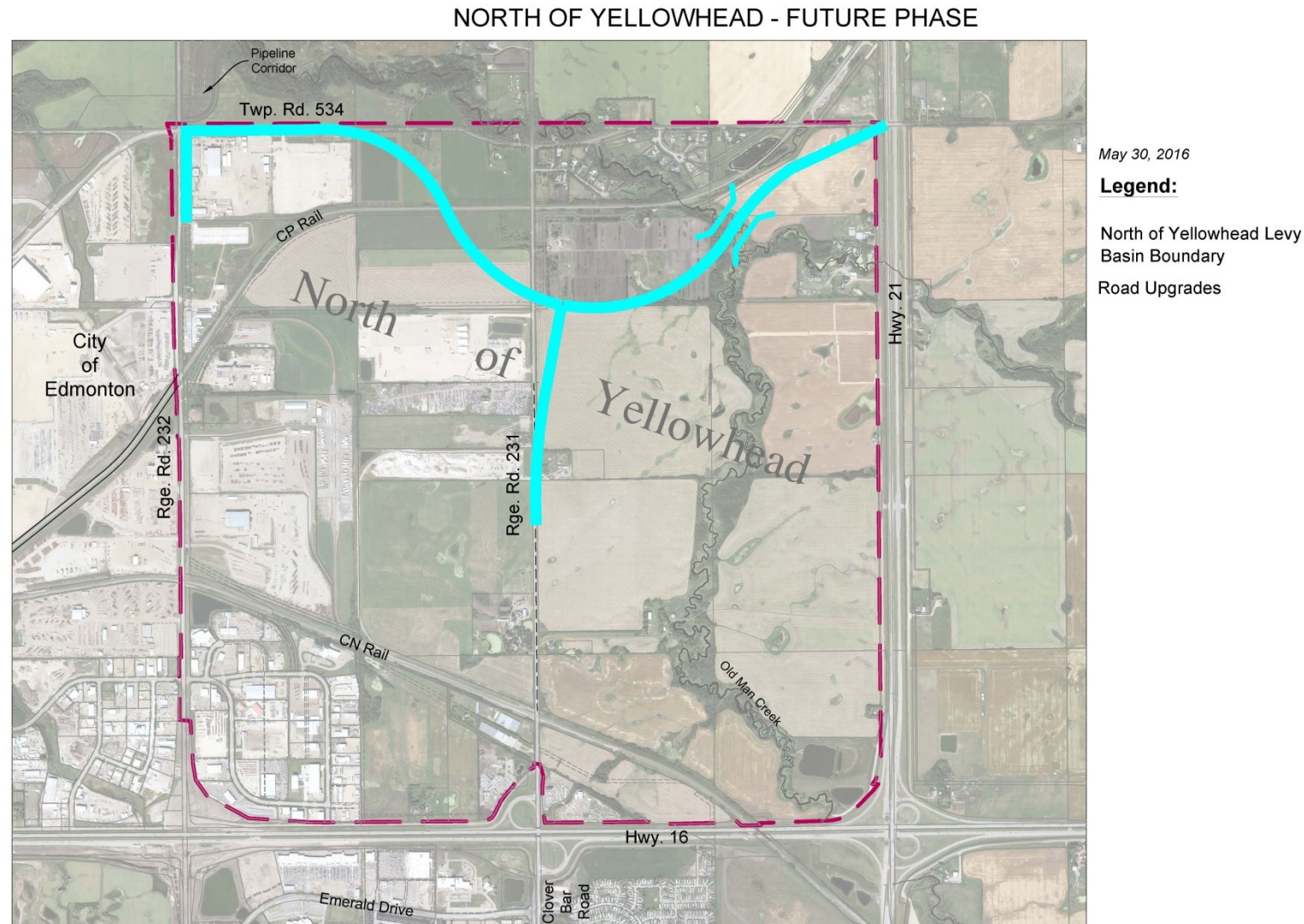
Scope: Two-lane roadway & utilities

- Rge Rd 231, S of Hwy 16 to Cambrian Stage 1 access
- CN Rail Overpass
- Hwy 21/Twp Rd 534 Interim Improvements (Signals)
- Water and Sanitary Utilities

Cost Estimate: \$86M (Transportation, Water, Sanitary, and Land costs)

NORTH OF YELLOWHEAD

Off-Site Infrastructure Future Phase



Scope: Two-lane Roadway

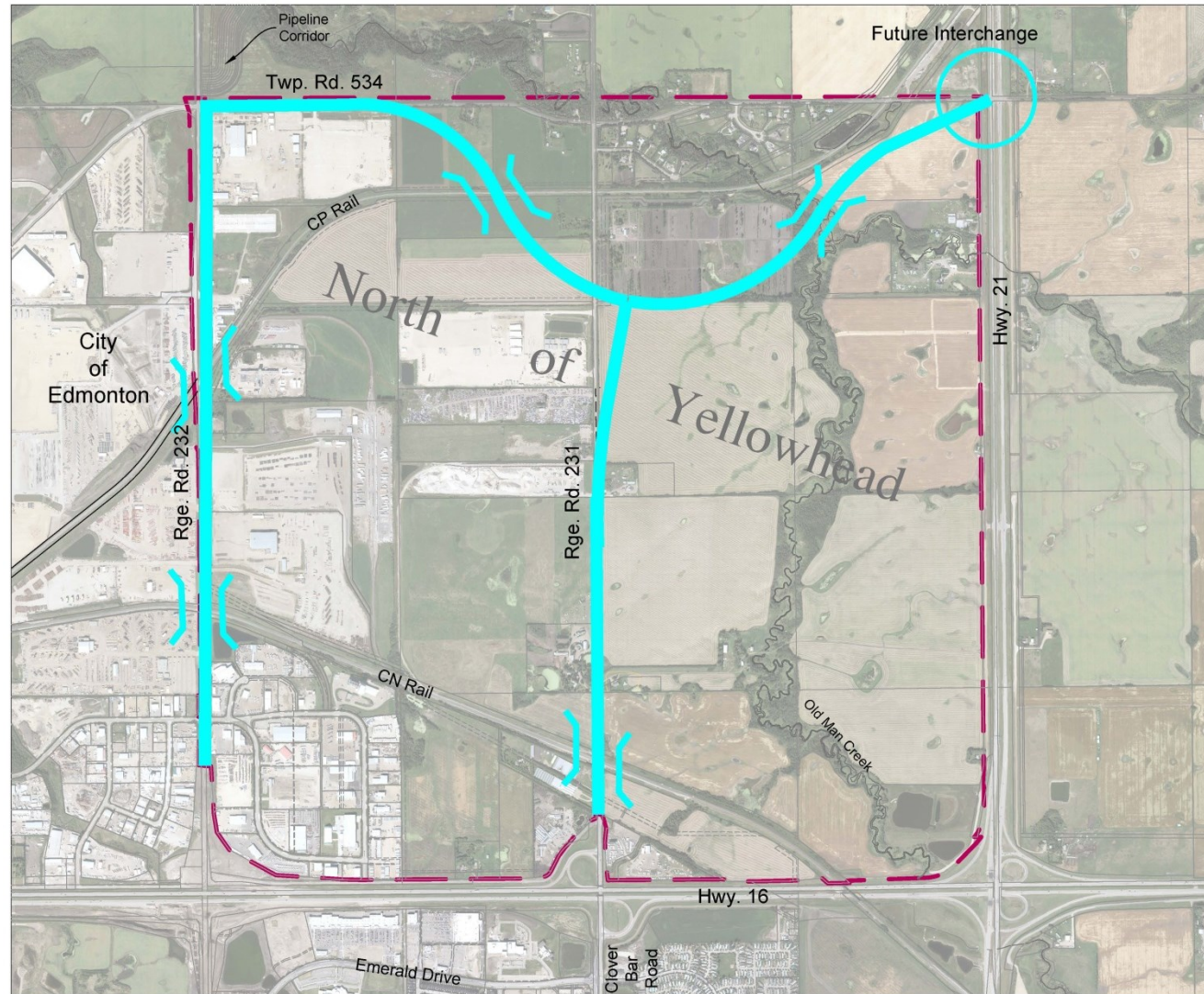
- Rge Rd 231, north section
- Twp Rd 534, Rge Rd 232 to Hwy 21
- Rge Rd 232, south of Twp Rd 534
- Bridge over Old Man Creek

Cost Estimate: \$74M (roadway costs)

Rge Rd 232 was previously upgraded to a two-lane section, Highway 16 to south of Twp Rd 534

NORTH OF YELLOWHEAD – Ultimate

NORTH OF YELLOWHEAD - ULTIMATE



May 30, 2016

Legend:

North of Yellowhead

Levy Basin Boundary

Road Upgrades

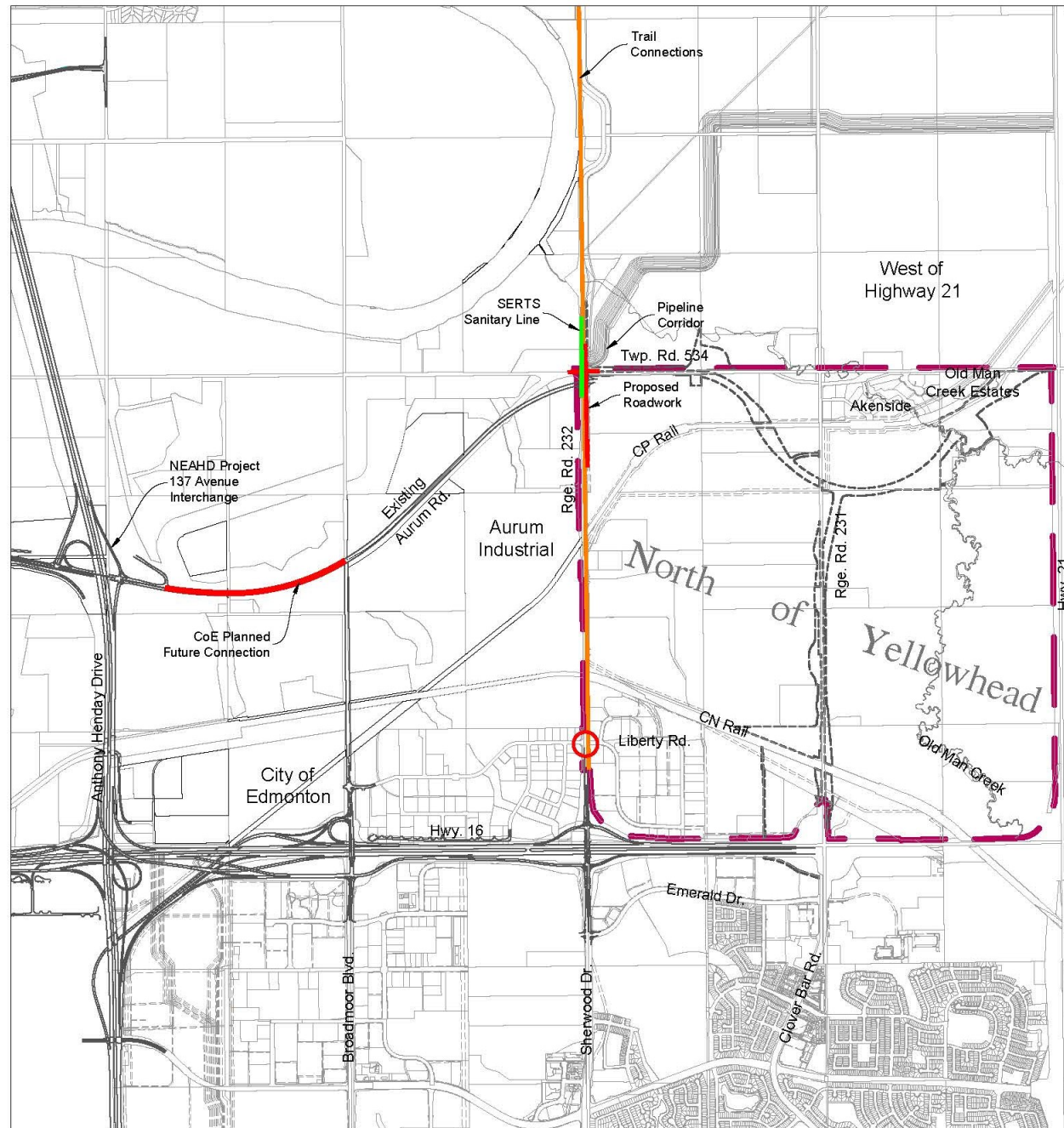


Scope:

- Upgrade to four-lane roadway: Twp Rd 534, Rge Rd 231, Rge Rd 232
- Railroad overpasses on Rge Rd 232
- Hwy 21 & Twp Rd 534 Interchange

Cost Estimate: \$223M (transportation costs)

North of Yellowhead – Area influences

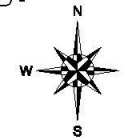


NORTH OF YELLOWHEAD -
Other Area Influences

May 30, 2016

Legend:

North of Yellowhead
Levy Basin Boundary



- North East Anthony Henday Drive (NEAHD) Project estimated completion fall 2016
 - Remove temporary signals at Liberty Rd & Rge Rd 232
 - NEAHD/137 Ave and Broadmoor Blvd/Hwy 16 Interchanges to open fall 2016
- City of Edmonton connection from Aurum Road to 137 Ave is 2-3 years out
- Future Alberta Capital Region Wastewater Commission South East Regional Truck System (SERTS) North Pipe Rehabilitation
- Trail system coordination on Rge Rd 232

Summary

- Overall cost estimate for all phases of the North of Yellowhead project is \$383M, including contingencies.
- The above overall cost includes all future upgrades for Range Road 232, at \$91M (two-lane upgrade section, and long-term four-lane upgrades & two railroad overpasses).
- Timing for upgrade construction is pursuant to area development and other influences which create traffic demands (i.e. NEAHD and City of Edmonton connections to Aurum Road, Bremner development, West of Highway 21 development).

Questions?