



Sixth Street Road Reconstruction Cross Section Update

May 22, 2024



Background

- Project initiated by water infrastructure needs
- Replacement of all infrastructure part of responsible long-term asset management planning
- Road reconstruction is opportunity to incorporate community vision
 - Transportation and active transportation components per existing master plans
 - Current design guidelines and best practices
- November 2023 Staff presented to Council several cross sections from the early design phase (up to 30%)
- Decision made for cross section incorporating off road, one-way cycle tracks with pedestrian sidewalk on north side
- Tonight presenting 30% design of this cross section



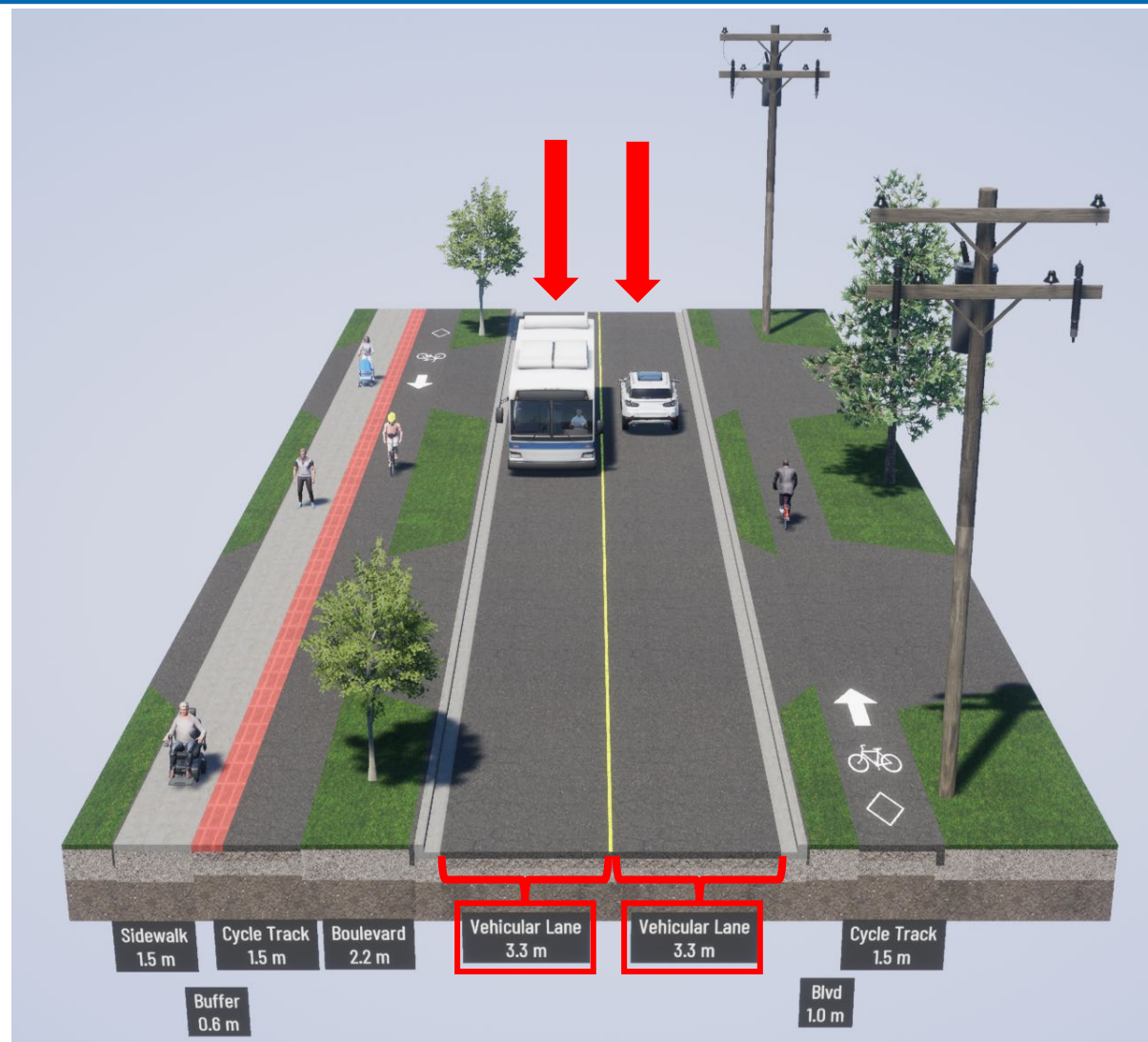
Design features

- Vehicle lanes
- Raised one-way cycle track
- Boulevards
- Pedestrian sidewalk

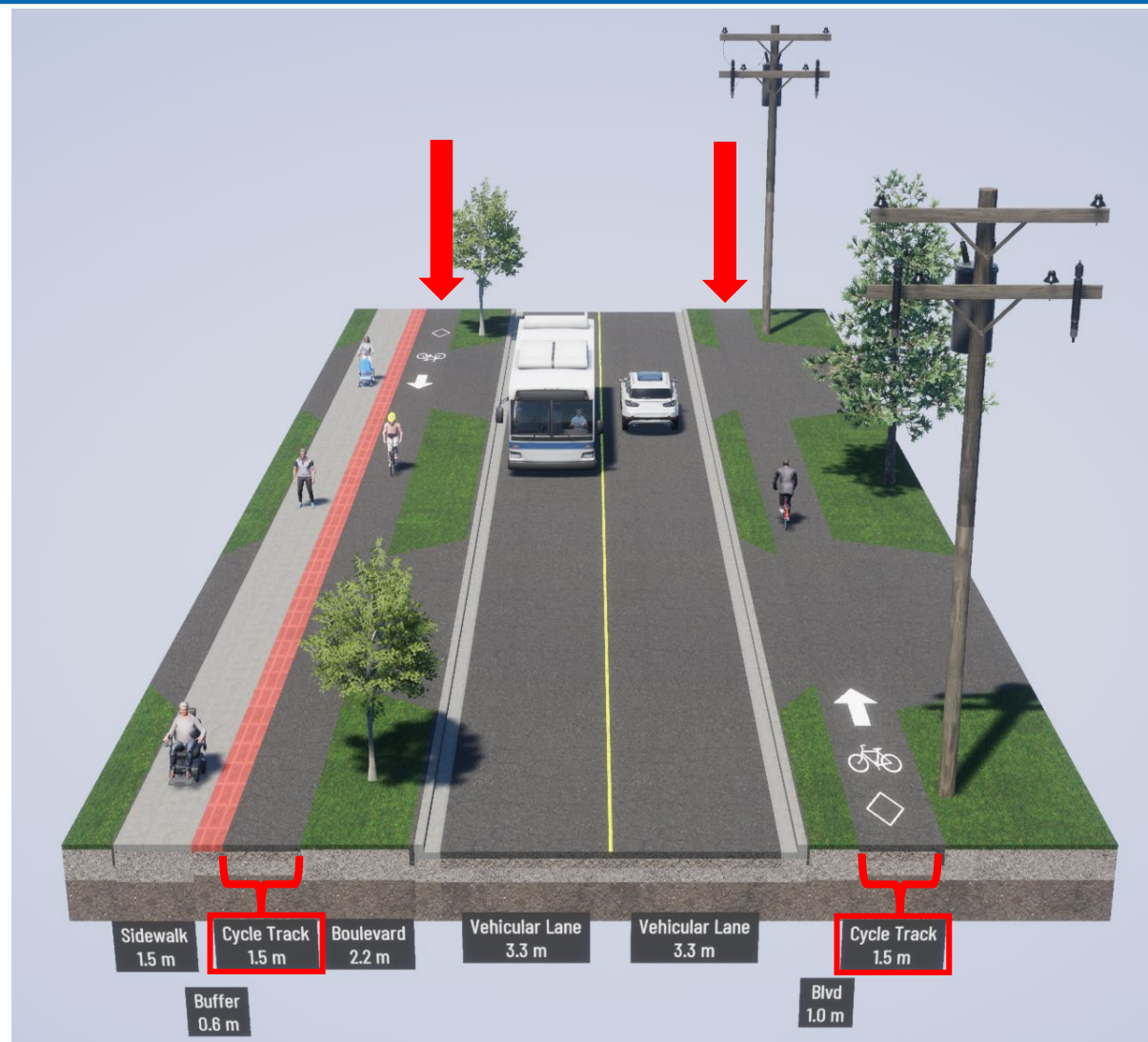


• Vehicle lanes

- Reduced from 3.5m to 3.3m
- Removal of cycling lanes changes asphalt platform width
- Accommodates Transit, Snowplows, Fire trucks
- Collector road

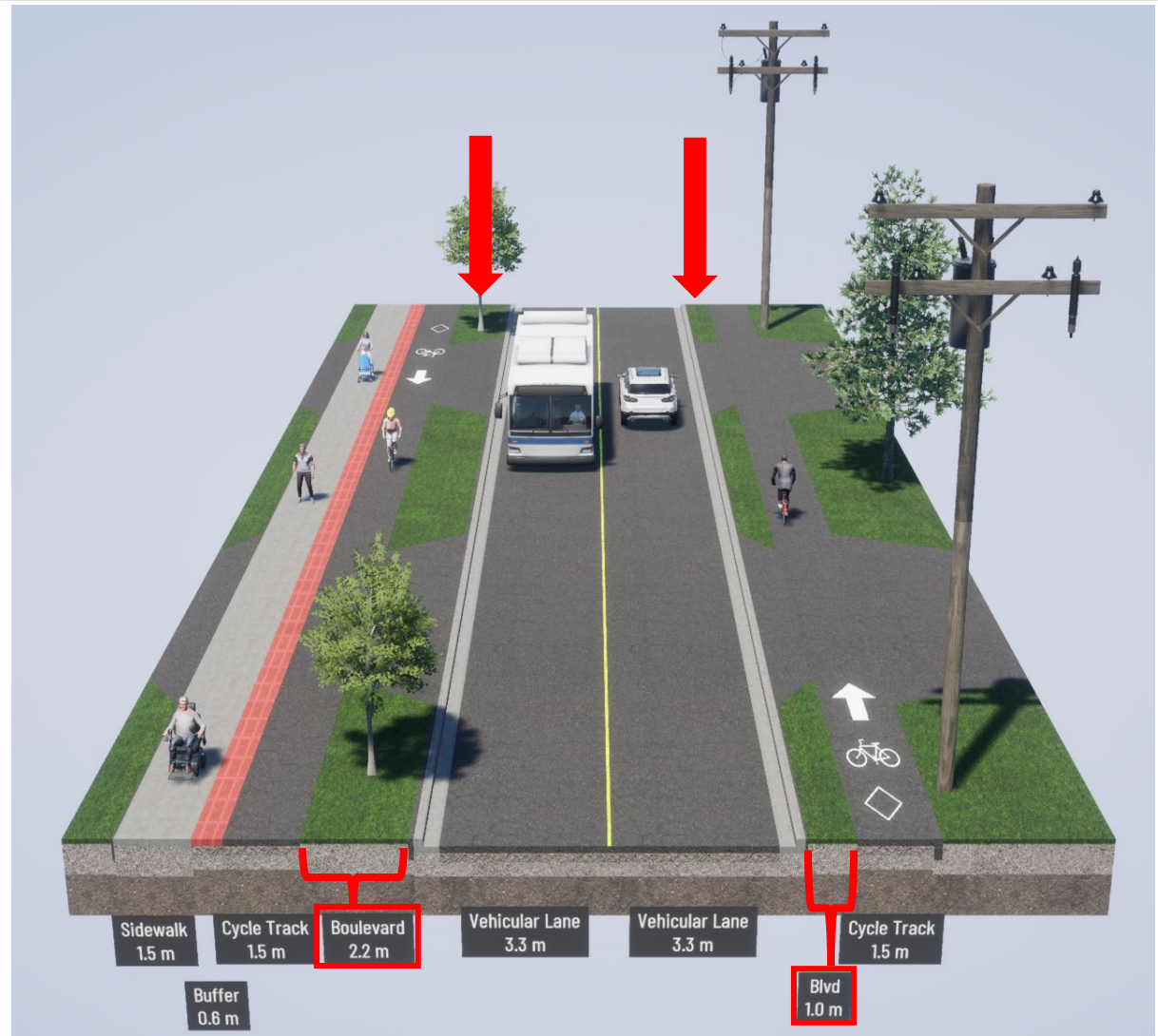


- Raised one-way cycle track
 - One directional track on each side of road
 - Separated and raised from vehicle lanes
 - 1.5m wide



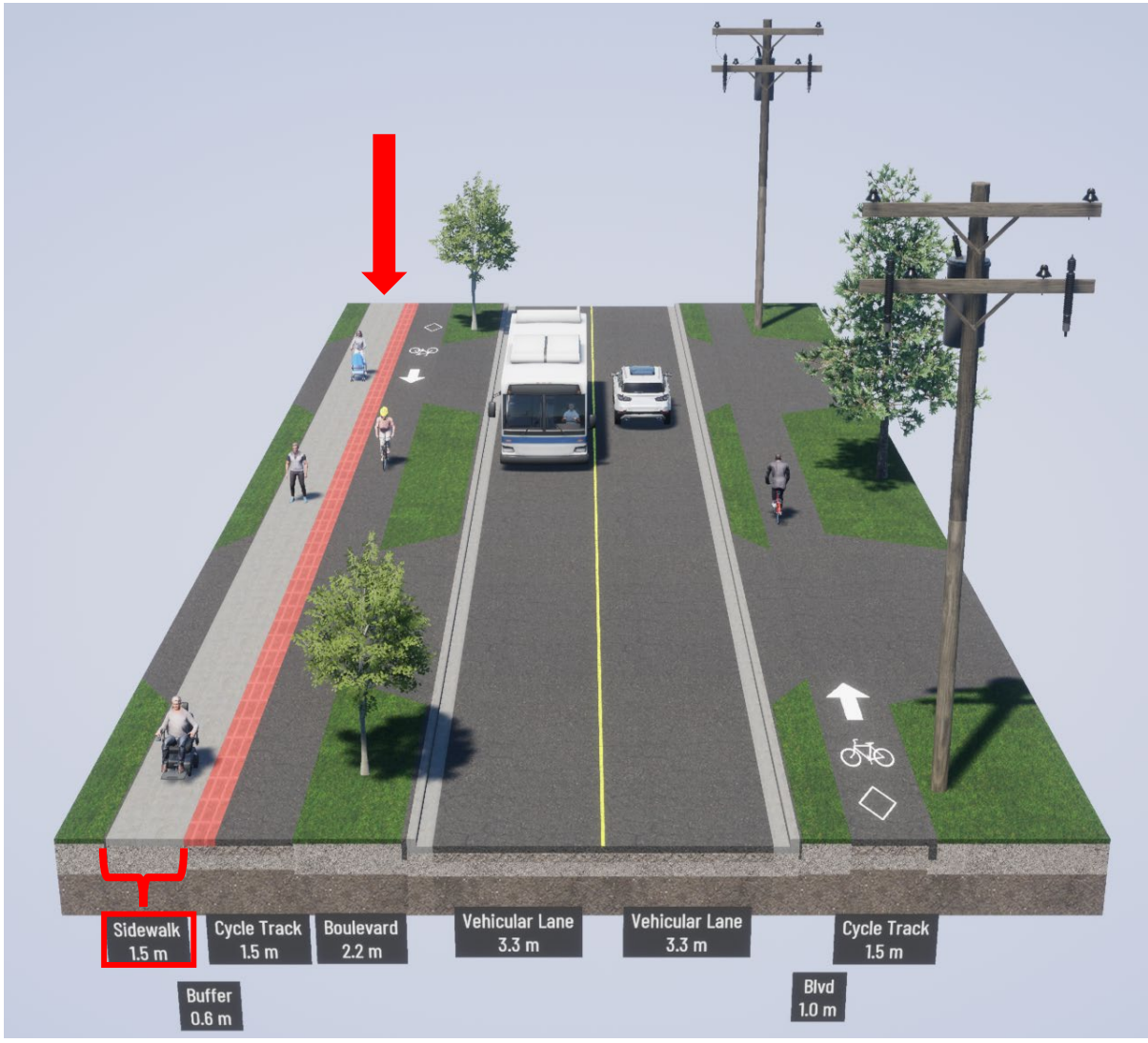
• Boulevards

- Grassed
- Snow storage for road and cycle track
- Garbage bins accommodated
- Barrier Curb - Parking on boulevards not permitted



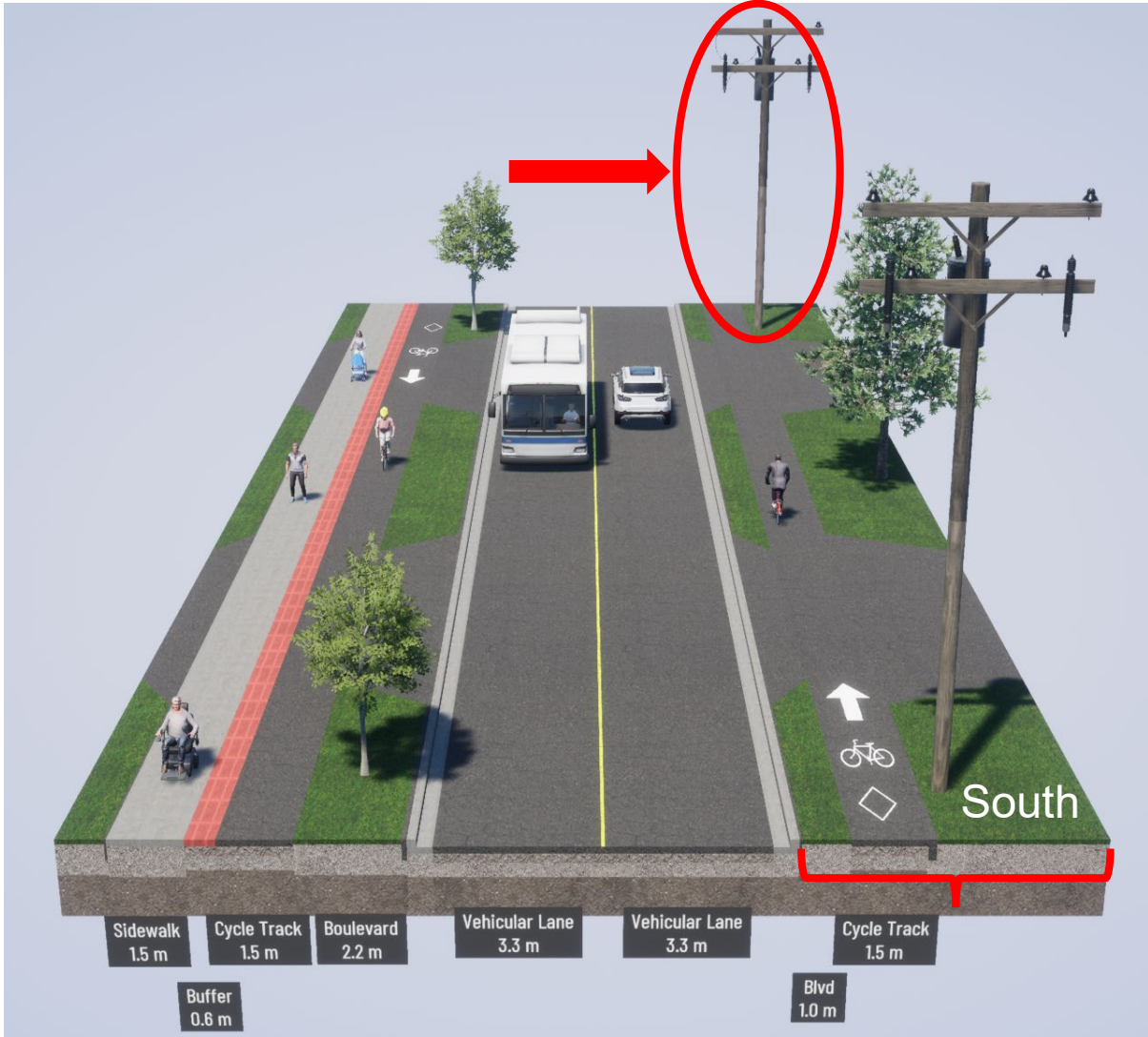
- Pedestrian sidewalk

- North side only
- Maintain 1.5m (meets standards)
- 0.6m 'marked' buffer from one-way cycle track (different colour and texture mandatory by AODA)



- South side

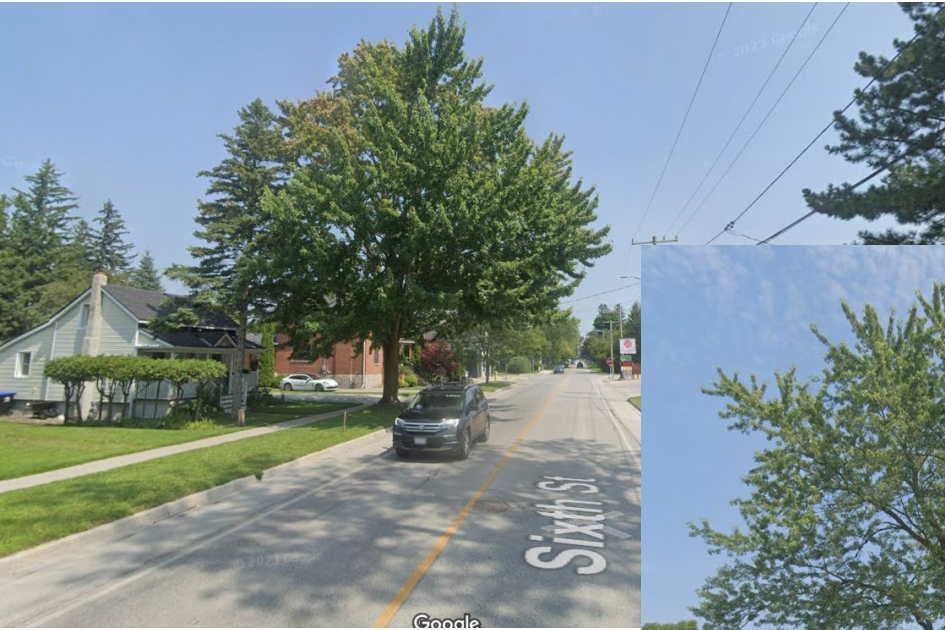
- Above ground electric utility preserved
- Below ground gas, telephone, fibre optic utilities
- Existing residential boulevard improvements – limited disruption



- North side
 - All existing trees need to be removed
(36 trees)
 - Wide boulevard (2.2m) to allow for tree replacement (approx. 20-25 trees)



- Existing centre line – generally in the same location



Project Timelines

- 2024 – complete detailed design
- 2025 – utility relocation
- 2026 – Phase 1 – Hurontario Street to Oak Street
 - All users will be detoured (vehicles, cyclists, pedestrian)
- 2027 – Phase 2 – Oak Street to west of High Street
 - All users will be detoured (vehicles, cyclists, pedestrian)
- 2028 – contingency construction/warranty period (2 year)
- 2029/2020 – end of warranty period

Thank You