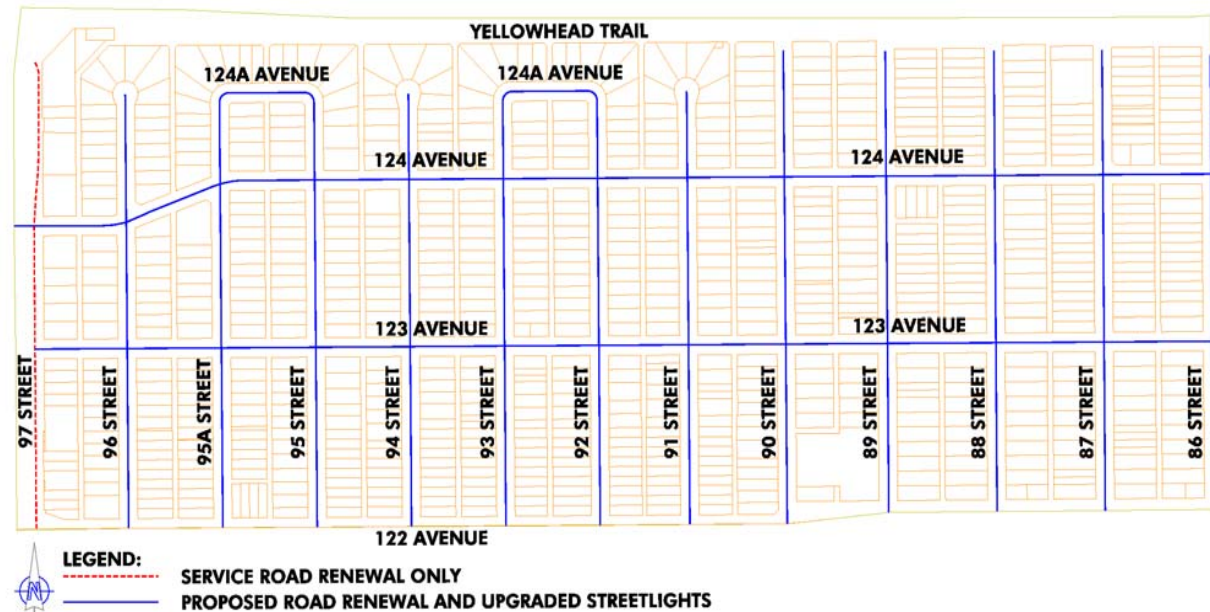


DELTON NEIGHBOURHOOD RENEWAL PROGRAM



Condition & Reconstruction Scope

- Age: +50 years (1952-61)
- Pavement: Poor
- Curb: Very poor
- Walk: Poor/fair
- Surface works: \$20 million (conceptual)
- Includes replacement of pavement, sidewalk, curb and gutter, street lighting
- Does NOT include alleys or arterial roadways



Design Considerations

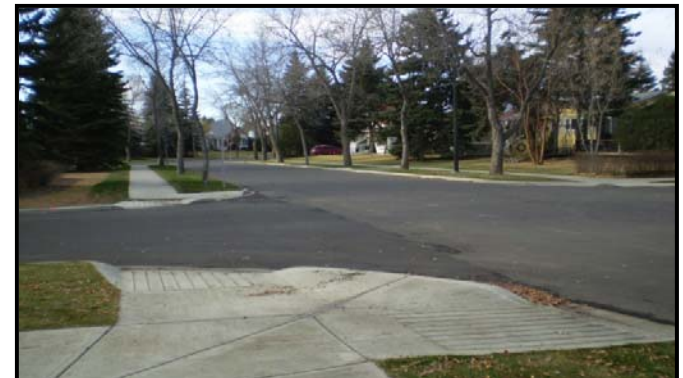
Active Modes

- Addressing accessibility issues by providing new sidewalk/trail connections



Intersections

- Adding curb ramps, improving curb radius, and improving the overall operation



Design Considerations

Road Width

- Where possible, roads are sized to current standards

Collector = 11.5 m

Local = 9 m



Curb Type

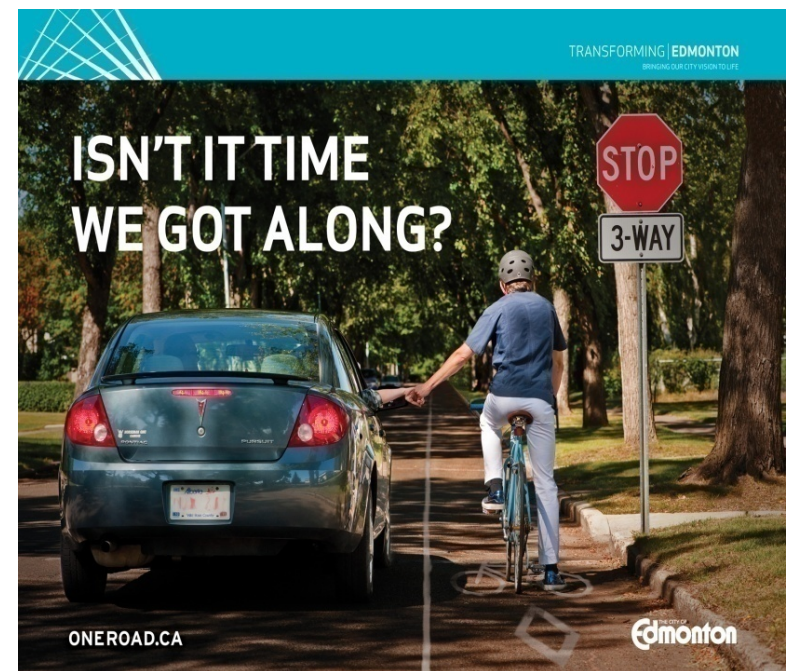
- Roll face curb
- Straight face curb



Active Transportation

Improve infrastructure

- **Sidewalks:** In residential neighbourhoods, ensure accessibility to all bus stops and provide a sidewalk on at least one side of the street.
- **Bicycle routes:** Use the Bicycle Transportation Plan to implement bike lanes, shared-use lanes and shared-use pathways.



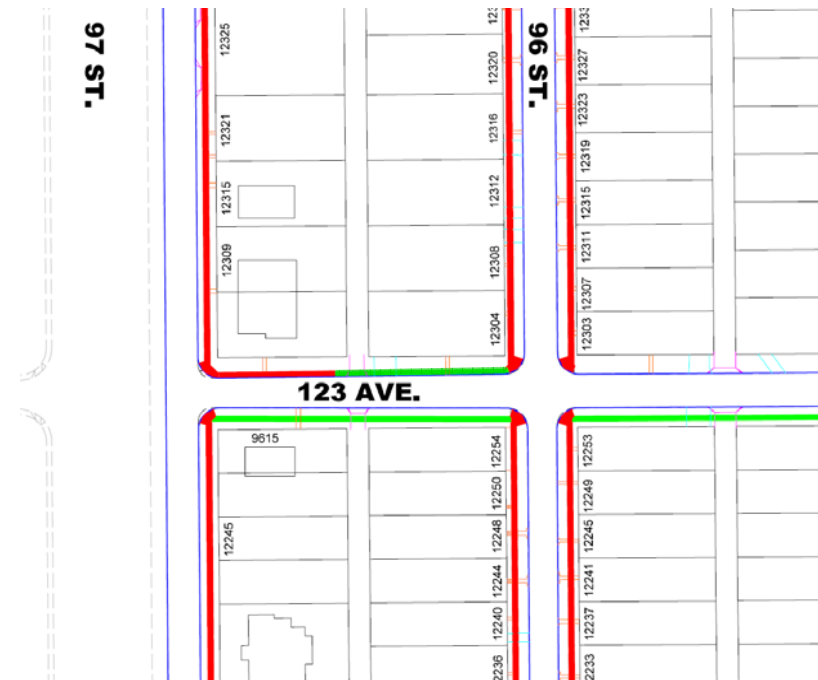
Active Transportation

- New sidewalk along 123 Avenue from 97 Street to 90 Street



Active Transportation

- New sidewalk along the south side of 123 Avenue from the alley east of 97 Street to 96 Street



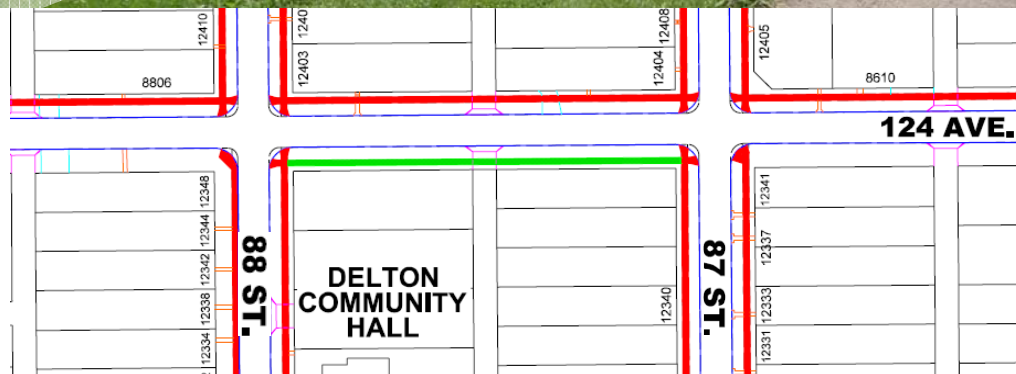
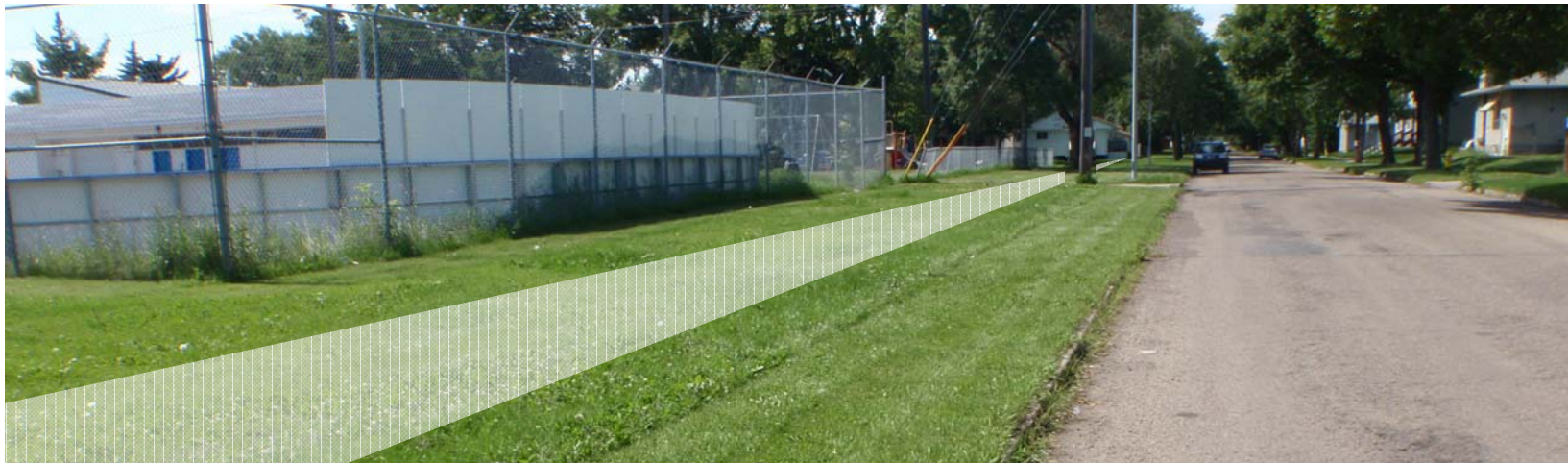
Active Transportation

- New sidewalk along the south side of 124 Avenue from 96 Street to 95A Street



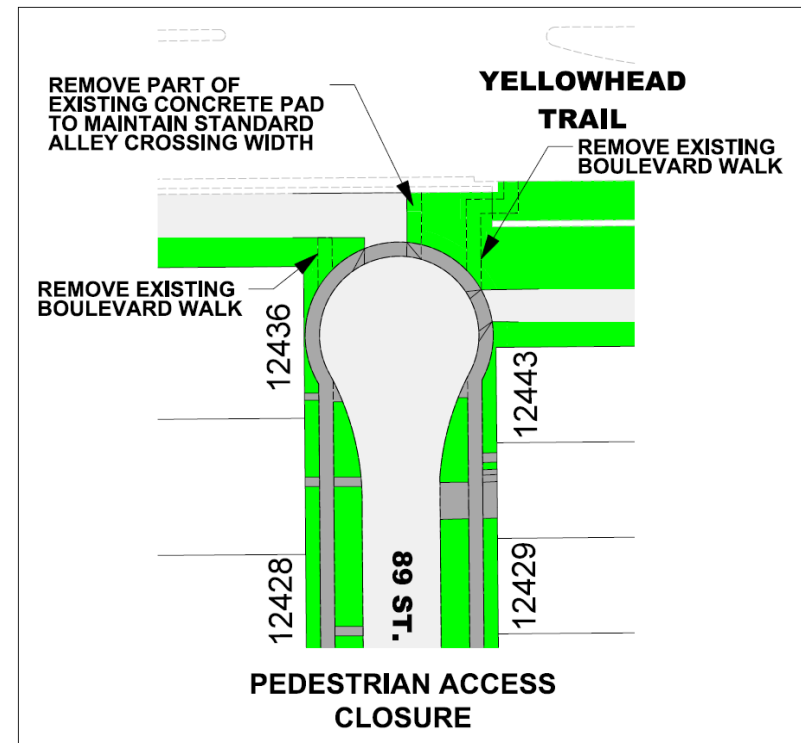
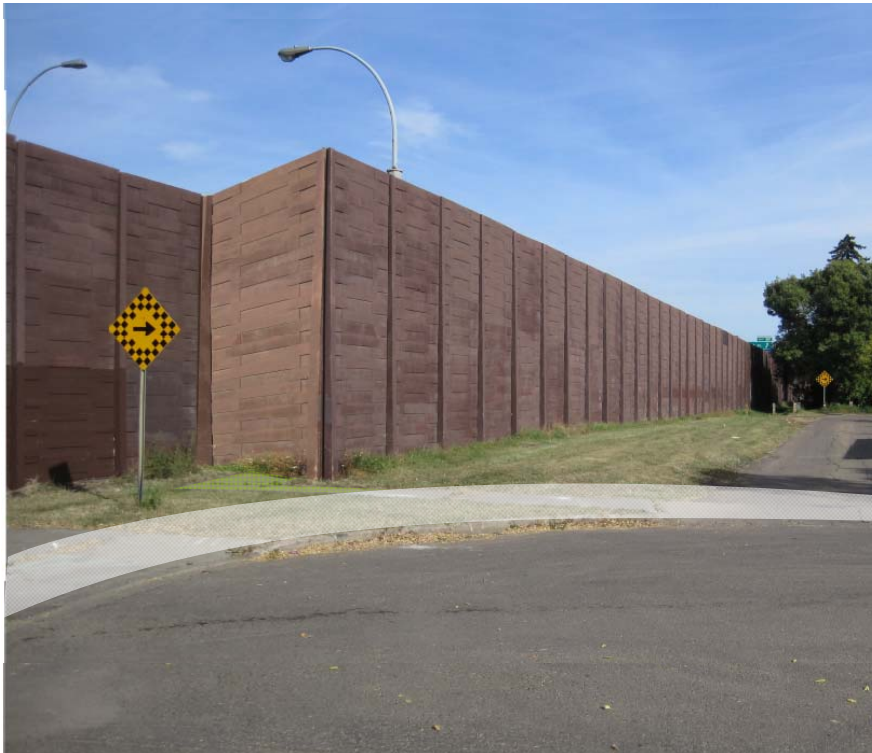
Active Transportation

- New sidewalk along the south side of 124 Avenue from 88 Street to 87 Street



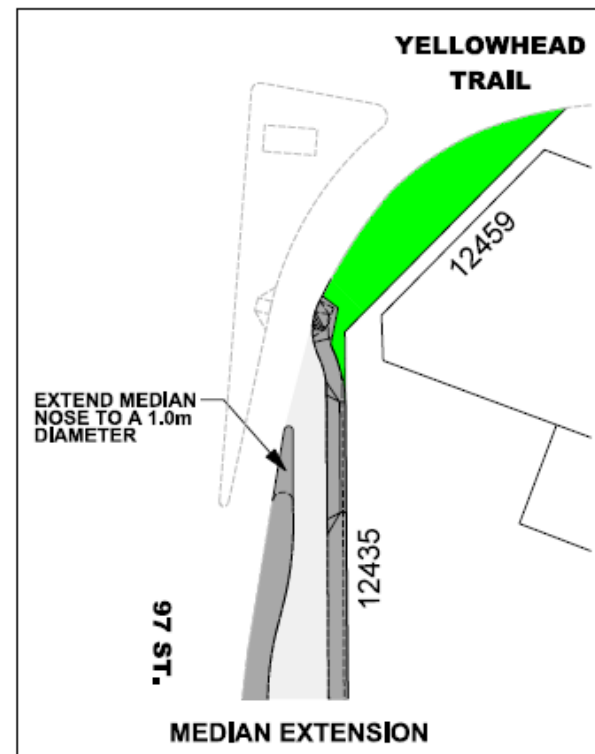
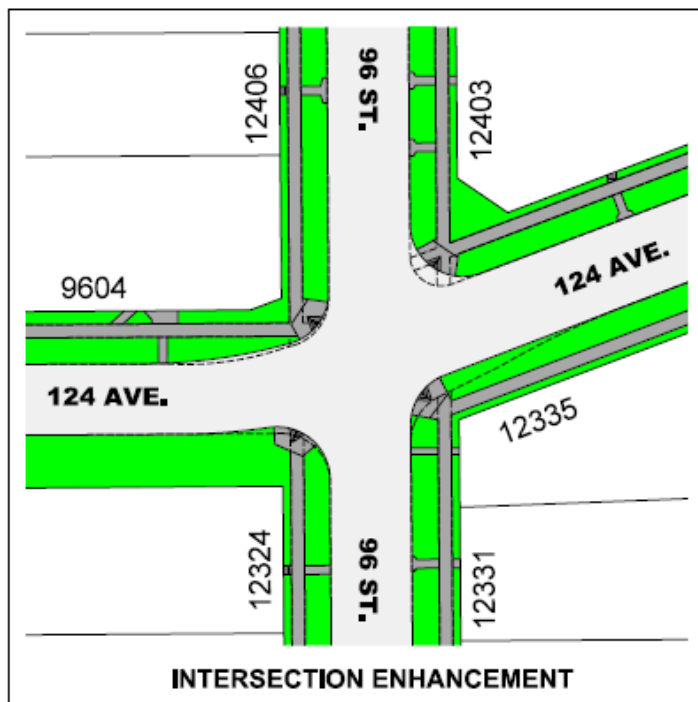
Active Transportation

- Access closure at the north end of 89 Street



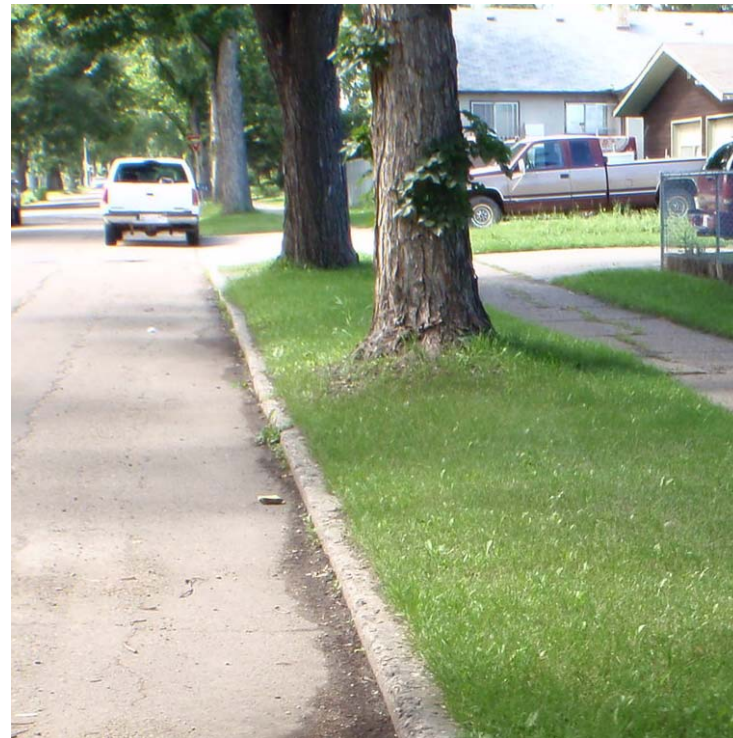
Intersection Improvements

- Realign the intersection of 124 Avenue and 96 Street
- Extend the median nose at 97 Street and Yellowhead Trail



Road Width Upgrades

- Balance road width requirements with mature tree requirements



Curb Design

- Straight face curb
 - Collector roadways
 - Bus routes
 - School areas
 - Park areas
- Roll faced curbs
 - Local roadways



Curb Design

ROLL FACE MONOWALK



STRAIGHT FACE MONOWALK



ROLL FACE BOULEVARD WALK



STRAIGHT FACE BOULEVARD WALK



Streetlight Design Standards

Neighbourhood streetlight system

- Upgraded to energy efficient LED lighting, the new City standard for streetlights.



Construction Staging

- Staged over two years (2013-14). Ultimate staging dependant on weather conditions, coordination with utilities, and unforeseen design and construction issues.

