



THE WAY AHEAD

Building Great Neighbourhoods

TRANSFORMING | **EDMONTON**

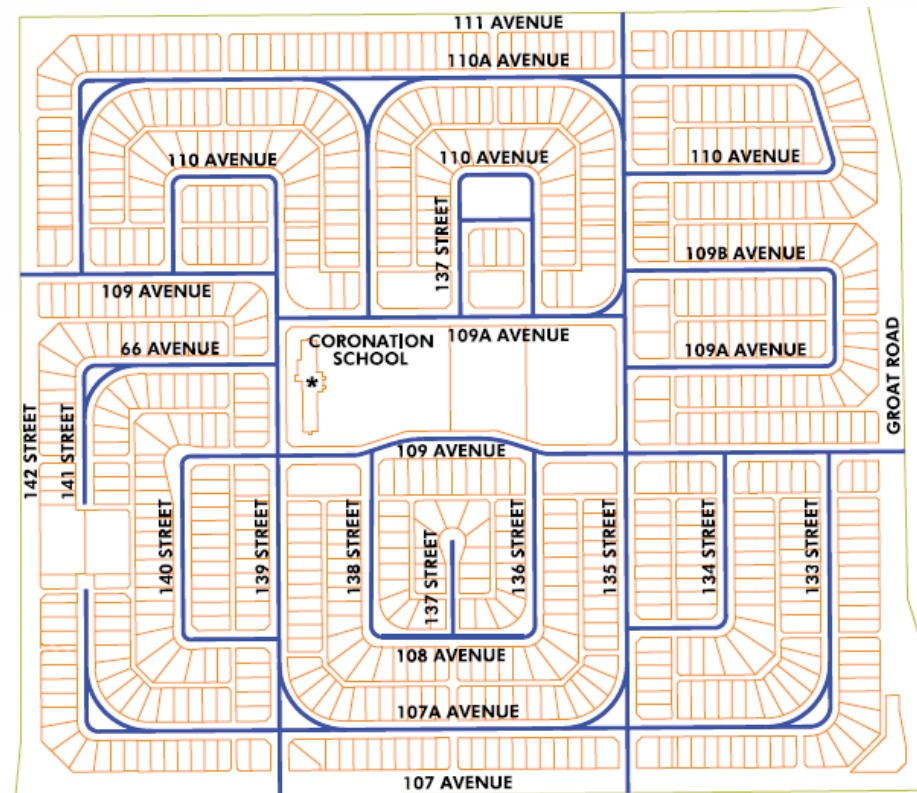
BRINGING OUR CITY VISION TO LIFE



NORTH GLENORA NEIGHBOURHOOD RENEWAL PROGRAM

Condition & Reconstruction Scope

- Age: +50 years (1953-62)
- Pavement: poor/fair condition
- Concrete: poor condition
- Surface works - \$18 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 = 9.0 m



Curb Type

- Roll face curb
- Straight face curb



Active Transportation

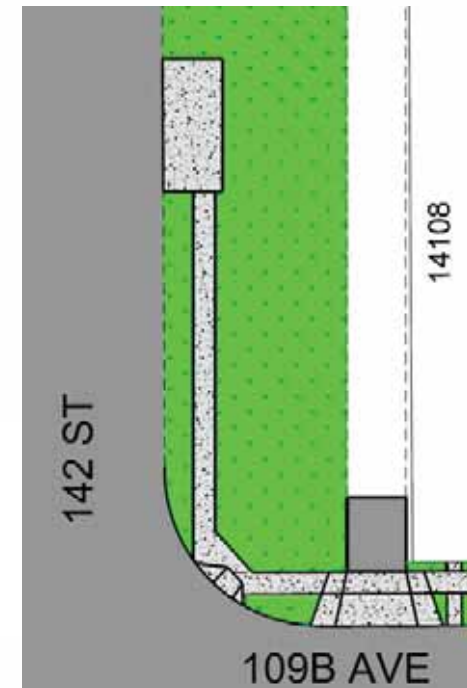
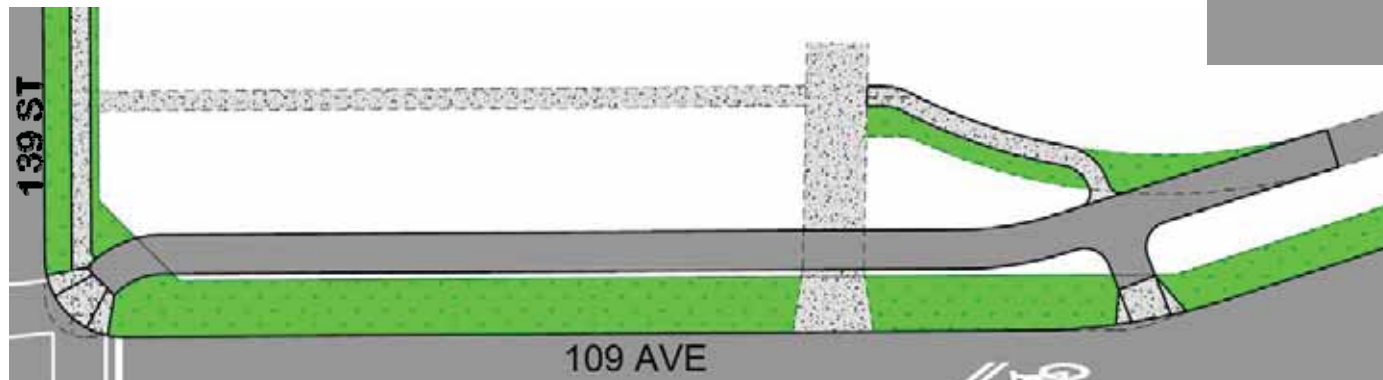
Improve infrastructure

- **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 to bus stop along 142 Street from 109B Avenue
- New shared-use path along 109 Avenue in front of Coronation School



Active Transportation

- New sidewalk along west side of 135 Street



Active Transportation

Bus Stop Pads

- Reconstructed bus pad along 109B Ave will impact one tree
- Assessed value of this tree will be replanted in the neighbourhood



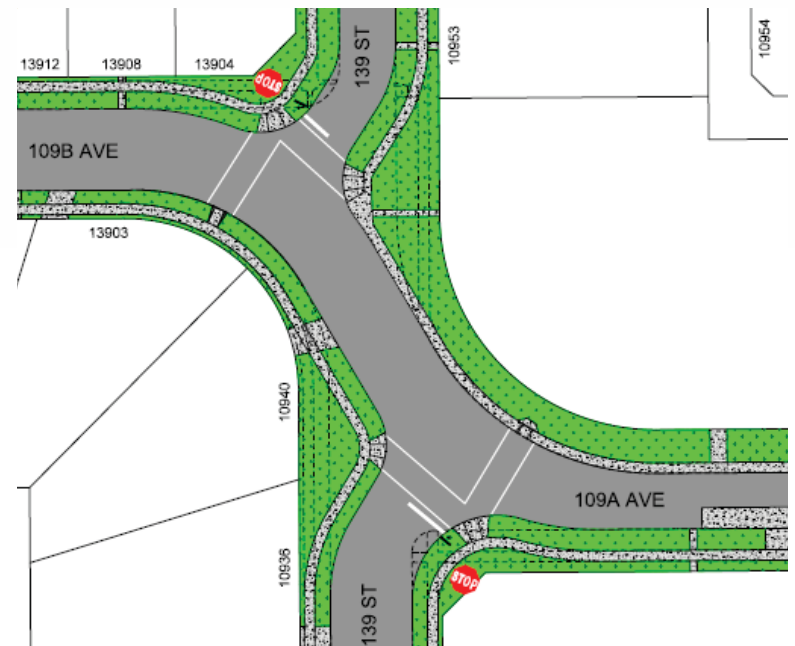
Intersection Improvements

- Curb extension at 139 Street / 109A Avenue (in front of Coronation School)
 - Reduce pedestrian crossing distance
 - Improve pedestrian safety
- Triangle island/Right turn bays:
 - Improve sightlines for vehicles
 - Improve intersection operation
 - Reduce pedestrian crossing distance



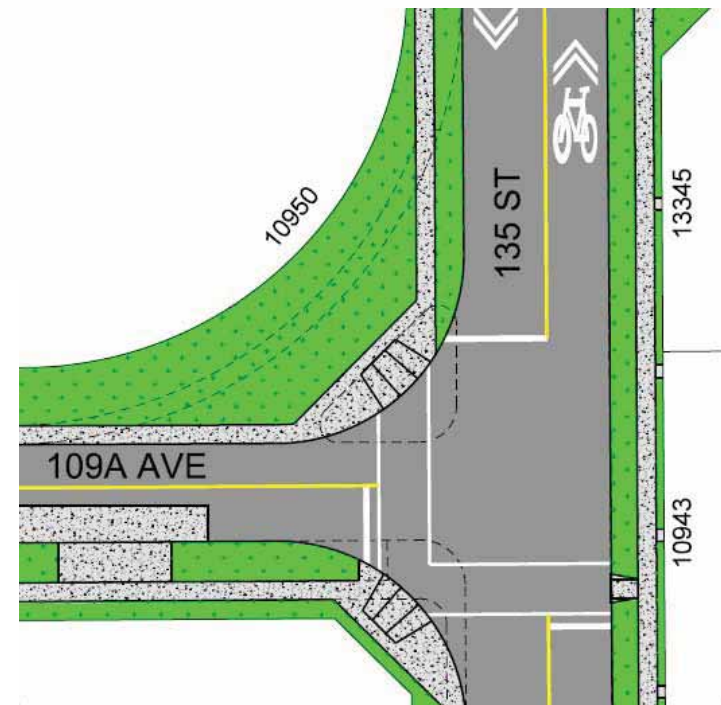
Intersection Improvements

- 139 Street/109A Avenue/
109B Avenue
 - Improve intersection operation
 - Improve sightlines



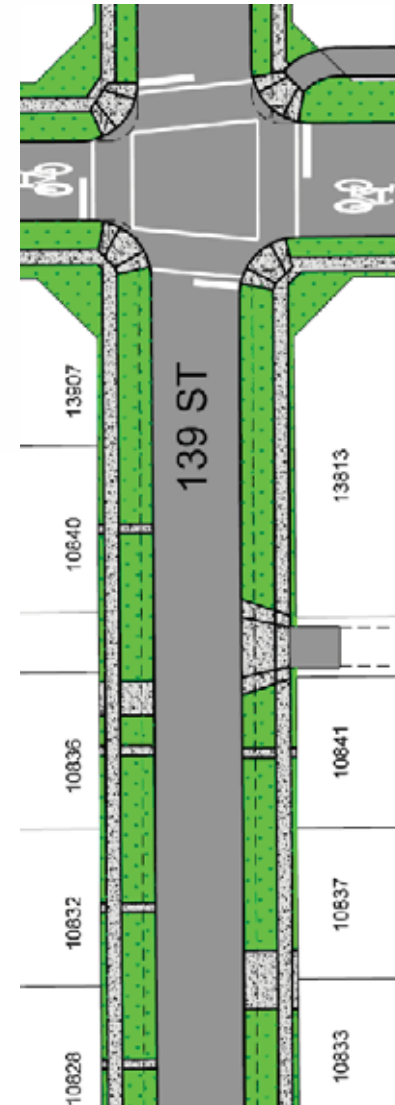
Intersection Improvements

- 135 Street/109A Avenue
 - Reduce speeds by tightening corner
 - Eliminate yielding conflicts
 - Improve intersection safety



Road Width Upgrades

- 139 Street - 107 Avenue to 109 Avenue
 - Currently 11.5 m, which is wider than City standards for a local roadway.
 - Will be reduced to 9 m to adhere to current City standards.
 - Will provide more green space and room for mature trees to grow.



Curb Design

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





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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.
- To create minimal disturbance for students, construction activities around the schools will be scheduled during the summer months.



THANK YOU

QUESTIONS/MORE INFORMATION:

call 311

email BuildingGreatNeighbourhoods@edmonton.ca

visit www.edmonton.ca/BuildingGreatNeighbourhoods