

Building Great Neighbourhoods

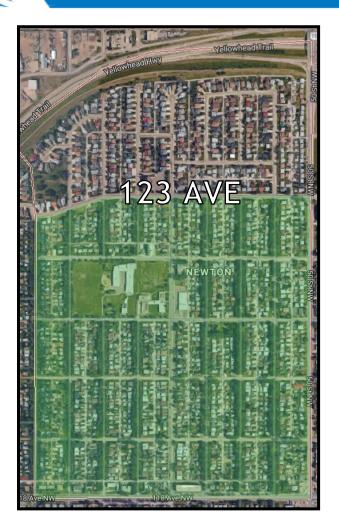
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This is Meeting 2



- •This meeting is to gather feedback from residents and present proposed designs.
- •There will be one more public meeting (Meeting #3) in late 2017 or early 2018 to discuss the final design and explain what will happen during construction.





We are here today to...

- Explain how the City is investing in improving your neighbourhood.
- Show you the preliminary road designs for your neighbourhood, including streetlight placement.
- Ask you to provide local knowledge in reviewing the design.
- Highlight the local improvement process and how it works.



Building Great Neighbourhoods

Building Great Neighbourhoods is a City initiative that coordinates three infrastructure investment programs to renew and improve Edmonton neighbourhoods.

Building Great Neighbourhoods

Drainage Neighbourhood Renewal Program Neighbourhood Renewal Program

Great
Neighbourhoods
Capital Program



In Your Neighbourhood

The City of Edmonton is:

- Renewing and replacing sewers
- Coordinating utility repairs (EPCOR and ATCO)
- Reconstructing roads, curbs and sidewalks on City-owned property
- Replacing streetlight bases and pushing new streetlight cable
- Working with residents to improve pedestrian and cycling accessibility
- Adding to your neighbourhood's livability

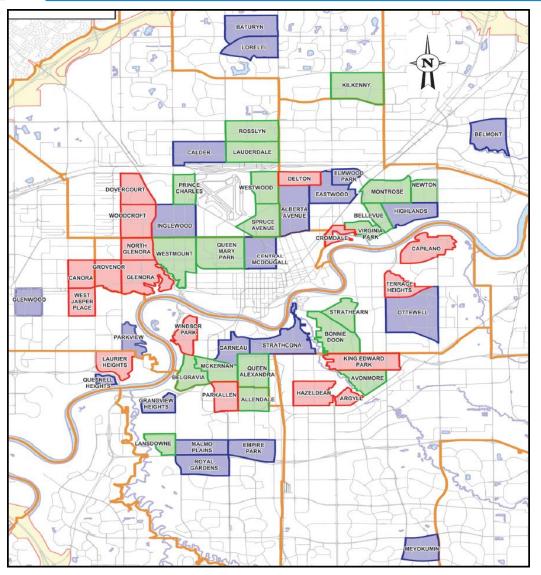


A Unique Program

- Building Great Neighbourhoods is a long-term, planned, integrated approach to improve and replace essential infrastructure in Edmonton's mature neighbourhoods.
- This advances several long-term City goals:
 - Improve Edmonton's livability
 - Promote active transportation (walking and cycling)
 - Preserve and sustain the environment



Neighbourhood Reconstructions



2012-14: 17

2015-18: 20

2019-22: 21

Total: 58



Road Reconstruction





BEFORE AFTER



Neighbourhood Renewal

Building Great Neighbourhoods Video



Meeting 1 Concept with Community League



Discussion:

- Meeting held on October 4, 2016
- Any community-led projects, initiatives or suggestions that could be opportunities for neighbourhood capital investments to improve livability
- An overview of the local improvement process for sidewalks and decorative street lighting and the role of the Community League
- Drainage has initiated the inspection and renewal of the sewer system

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Meeting 2 (TODAY) Design



Designs informed by:

- Conversation with the community league
- Initial assessments of the neighbourhood
- City design standards and policies



Feedback



We ask that you look at these designs and use your knowledge of the neighbourhood to advise us if there are missing design elements such as:

- sidewalk links
- bicycle facilities
- traffic concerns
- other suggestions to enhance livability

This will help us with our final design.



Meeting 3

Construction Plans & Local Improvement Information



Following the design meeting, comments are incorporated if appropriate and the design is finalized. The final plan is presented to the community and the local improvement process is described in more detail.





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DRAINAGE NEIGHBOURHOOD RENEWAL





Drainage Neighbourhood Renewal

Drainage Services has been in your neighbourhood renewing and replacing storm and sanitary sewers.

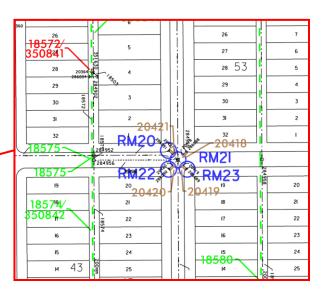
- **Relining:** involves 'cured in-place' pipe material, resulting in minimal disruption to pavement
- Open cut: requires significant disruption to pavement



Drainage Neighbourhood Renewal



A map showing the locations of drainage work in your neighbourhood will be on display following the presentation.





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NEIGHBOURHOOD RENEWAL PROGRAM

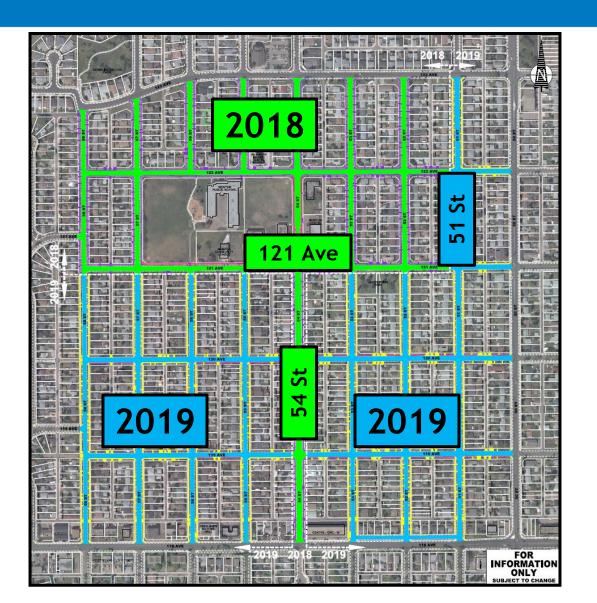


Construction Staging

- Construction is staged over two years (2018-2019).
- Ultimate staging is dependent on weather conditions, coordination with utilities, and unforeseen design and construction issues.
- Construction activities around schools are scheduled during the summer months to create minimal disturbance for students.



Construction Staging





Condition & Reconstruction Scope

Age: 55+ years

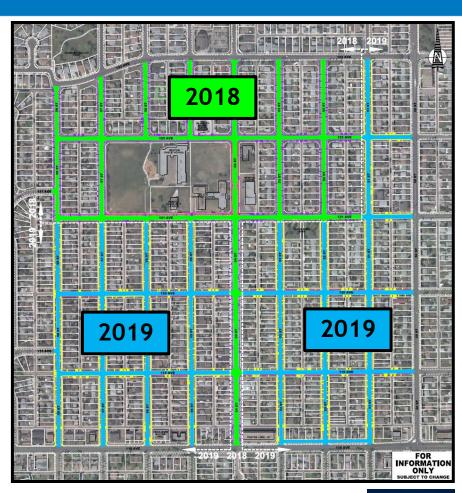
Overall condition: Poor

Pavement: Poor

Sidewalk: Fair

Curb and gutter: Poor

- Conceptual budget: \$20.8 million
 - Cost includes replacing pavement, sidewalks, curb & gutter, and upgrading streetlights in the project limits.
 - Costs do NOT include underground utility work, alleys, arterial roads (50 St, 118 Ave), or work north of 123 Ave.





Design Considerations

Curb Type

- Rolled face curb
- Straight face curb

Road Width

 If necessary, roads will be resized to improve functionality

Intersections

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





Design Considerations





BEFORE AFTER



Design Considerations

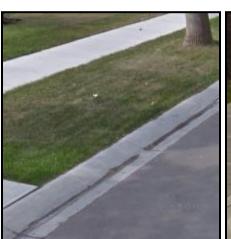
Active Modes

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





Typical Curb Types









Various factors are considered for curb type selection:

- Recommended pavement structure design
- Surface drainage along roadways
- Adjacent lot grades
- Frequency of driveways in the neighbourhood
- Size and number of trees in proximity to the sidewalks and curb and gutters



Curb Types in Newton

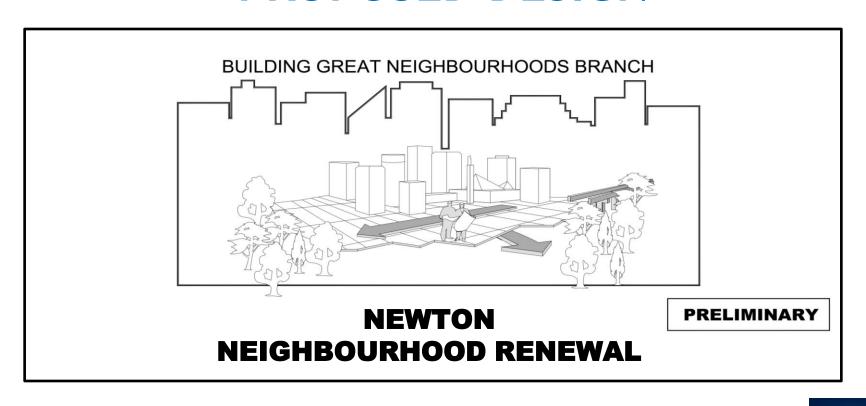


Local design constraints may cause curb and gutter type changes during construction to ensure positive surface drainage.



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PROPOSED DESIGN





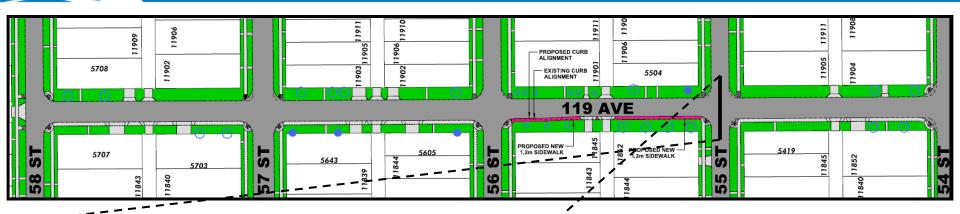
New Sidewalks

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- Extensive missing links on 119 Ave and 120 Ave.
- •Our goal is to create continuous pedestrian corridors on each avenue between 50 St and 54 St, and between 54 St and 58 St.

New Sidewalk - 119 Ave

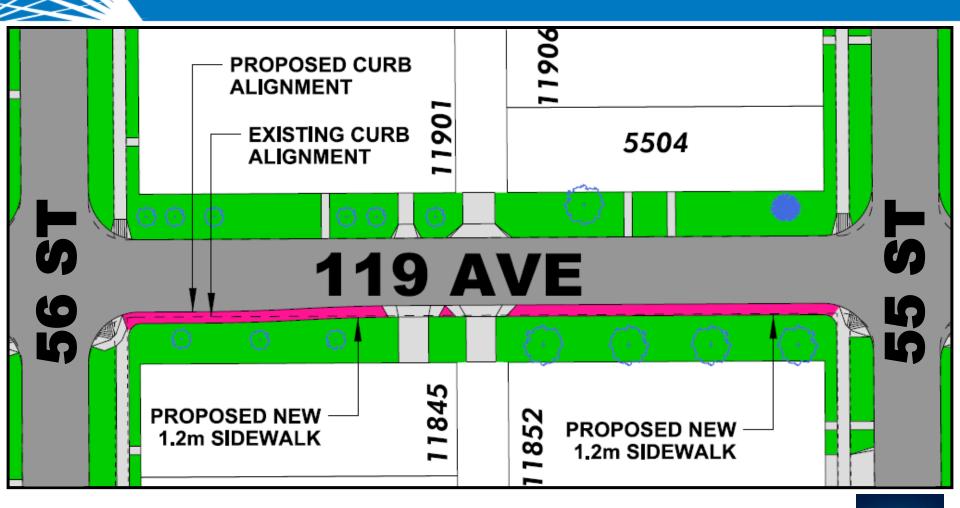




- •South side of 119 Ave from 55 St to 56 St: 1.2 m wide
- Back of new sidewalk at existing back of curb

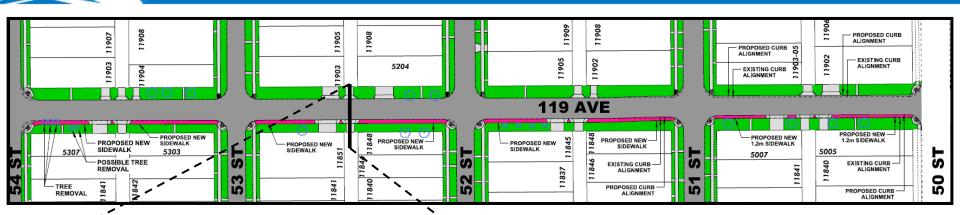
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New Sidewalk - 119 Ave





New Sidewalks - 119 Ave



EXAMPLE:

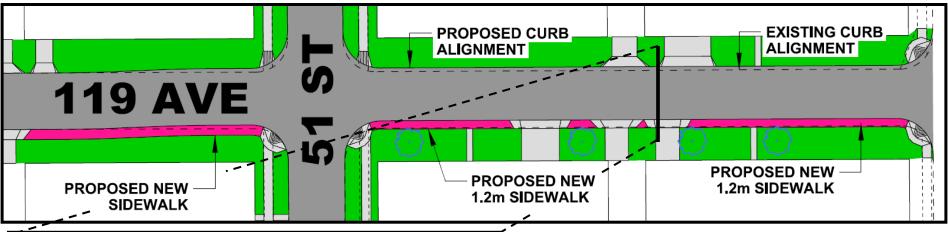


53 ST

- South side of 119 Ave
 from 50 to 54 St
- •51 to 54 St:
 - 1.5m wide



New Sidewalks - 119 Ave

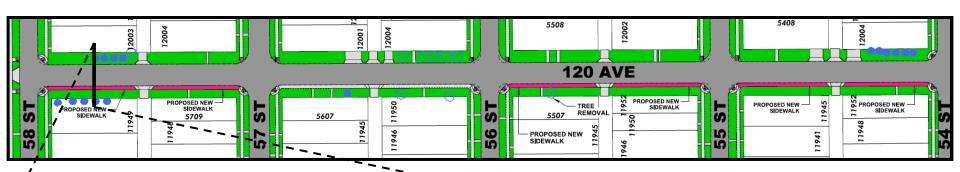


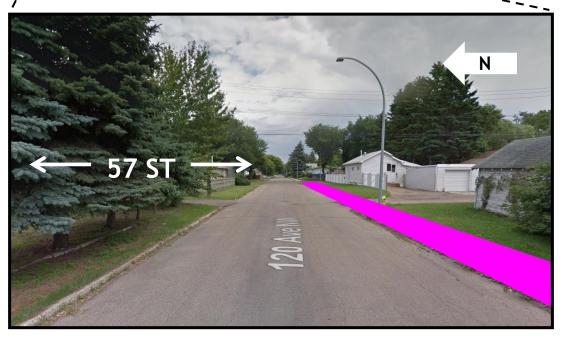


- •South side of 119 Ave from 50 St to 51 St: 1.2 m wide
- Back of new sidewalk at existing back of curb

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New Sidewalks - 120 Ave



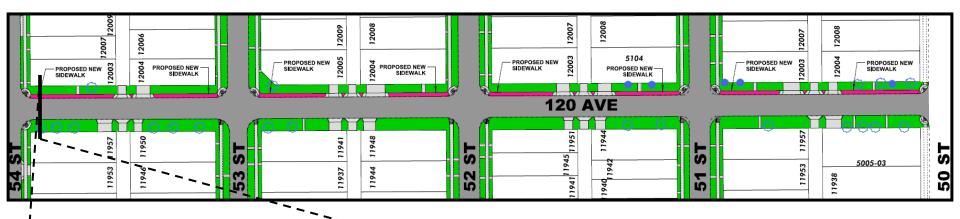


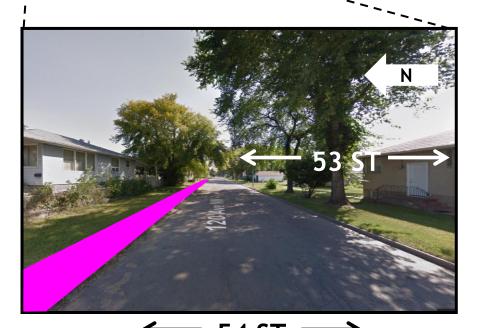
- South side of 120 Ave from:
 - •54 St to 56 St
 - •57 St to 58 St



← 58 ST →

New Sidewalks - 120 Ave

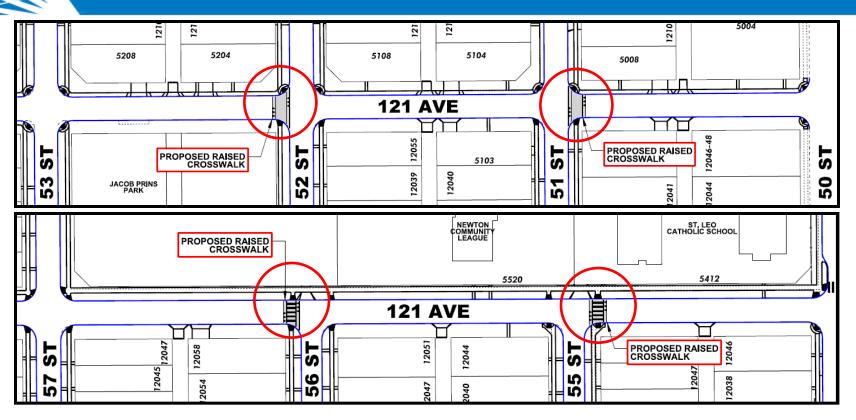




North side of 120 Ave from 50 St to 54 St



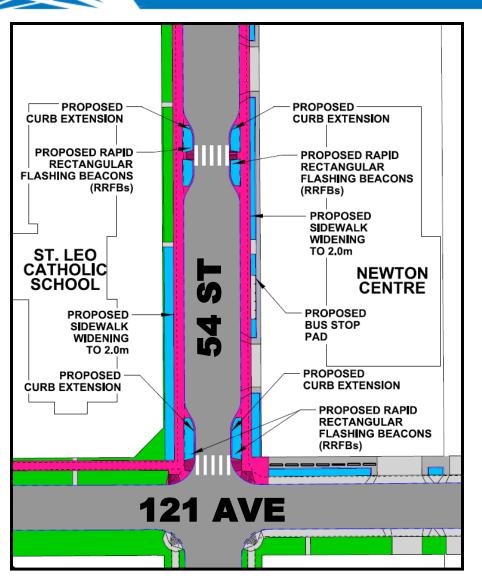
Raised Crosswalks





- •West side of 56 St
- East side of 55 St
- West side of 52 St
- East side of 51 St

54 Street Modifications



- Midblock curb extensions for school crosswalk
- Additional curb extensions at the intersection of 54 St and 121 Ave
- Rapid rectangular flashing beacons (RRFBs):



Coordination with Newton
 Corner Store Program
 improvements

Sidewalk Widening

Proposed widening from 1.5 m to 2 m:

PROPOSED SIDEWALK

- •North side of 121 Ave from 54 St to 57 St
- •Both sides of 54 St from 121 Ave to 122 Ave

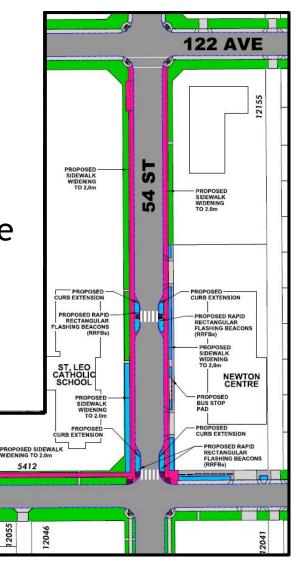
NEWTON COMMUNITY

121 AVE

PROPOSED SIDEWALK

5520

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Streetlight Design Standards

Neighbourhood streetlight system:

- 2011 Street light poles replaced; luminaires upgraded to more energy efficient LEDs - the new City standard for streetlights
- Now New underground streetlight cable pushed and bases installed throughout the project area







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LOCAL IMPROVEMENTS



Local Improvements

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Two types involved with neighbourhood reconstruction:

City initiated

- City proposes improvement and advises property owners of improvement and projected costs.
 - e.g. Sidewalk reconstruction

Property owner requested

- Property owners propose improvement through an Expression of Interest (EOI) and gather support for it.
 - e.g. Decorative streetlights

 City at large and property owner share costs (50/50) of sidewalk reconstruction adjacent to the owner's property.

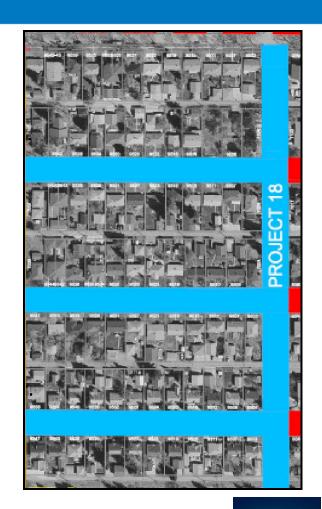




- The current 2017 Residential Local Improvement rates are:
 - \$200.54/m of lot frontage for one time payment, or
 - \$12.82/m of lot frontage for amortized payment over 20 years.
- For example, a typical 15.24m (50 ft.) frontage would be:
 - \$3,056.23 one-time cash payment to the City, or
 - \$195.38/year for 20 years amortized on your property taxes.



- Is done by project area
- A map of the project areas is provided with your Local Improvement Notice
- If 50% +1 of property owners in any given project area petition against the local improvement, it is defeated





Sidewalk Reconstruction





Sidewalk Maintenance



Decorative Street Lighting

Property owner requested local improvement:

- Type selected by <u>July 4, 2017</u>; otherwise standard LED streetlights only
- City will mail an Expression of Interest package to property owners by
 September 1, 2017
- Signed Expression of Interest package to be received by City by <u>November 15</u>, 2017
- Must have <u>50%+1</u> support from the neighbourhood property owners to agree to pay the additional costs for decorative lighting beyond standard streetlights





Decorative Street Blades

 Communities that opt for decorative streetlights also have the choice to add decorative street blades at no cost.

• Blade options will be included with the decorative

streetlight package.







THANK YOU

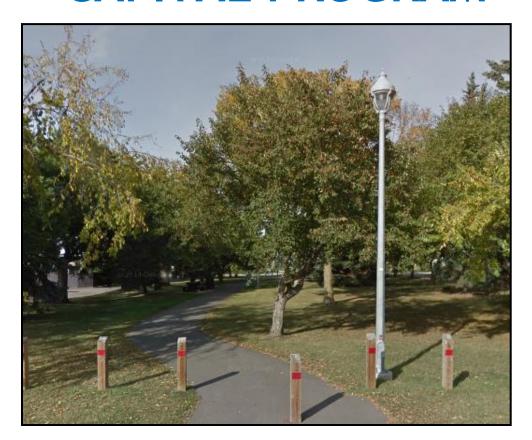


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GREAT NEIGHBOURHOODS CAPITAL PROGRAM





Great Neighbourhoods Capital Program

This program makes improvements on City property in residential neighbourhoods. These investments:

- Focus on enhancing neighbourhood livability and community connectivity
- Are unique to each neighbourhood
- Are coordinated with work planned in the neighbourhood to maximize investments



Great Neighbourhoods Capital Program



Harry Hardin Park in Fulton Place BEFORE



Harry Hardin Park in Fulton Place AFTER



NEWTON CORNER STORE PROGRAM

- Public realm improvements around the local commercial area aimed at re-establishing Newton Centre as a hub of activity in the community:
 - Upgraded decorative lighting





Upgraded decorative • Additional landscaping







MONTROSE-NEWTON SHARED-USE PATH

- Currently in concept phase.
- Formalize existing trail on berm.
- 3 m asphalt shared-use path with lighting along berm on south side of Yellowhead Trail.
- Subject to public consultation, project funding and approvals.



PARK AREA IMPROVEMENTS

 Exploring addition of furniture to two smaller park areas:



 Subject to public consultation, and project funding and approvals





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As you are looking at the displays, we would like to hear your suggestions around pedestrian and cycling access, traffic concerns or opportunities to improve the livability of your neighbourhood.



NEXT STEPS



What To Expect

- Drainage renewal work is complete.
- Deadline to select a decorative lighting and street blade option and send request to the City is <u>July 4, 2017</u>.
- Local Improvement notices will be sent out <u>late 2017</u> or early 2018.
- Road, curb and sidewalk construction starts in <u>Spring 2018</u>.
- Anticipated completion date is <u>Fall 2019</u>.



What To Expect



In late 2017 or early 2018 another public meeting will be held to inform you of:

- Final designs
- Construction and local improvement process

Residents will get information at their homes throughout the construction process about what is happening when and what is required of residents.

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Information & Feedback

INFORMATION

Call: 311

Email: <u>BuildingGreatNeighbourhoods@edmonton.ca</u>

Website: edmonton.ca/BuildingGreatNeighbourhoods

FEEDBACK

- Comment forms available at front desk or survey online
- Will accept comments for <u>6 weeks</u> after tonight's meeting

