

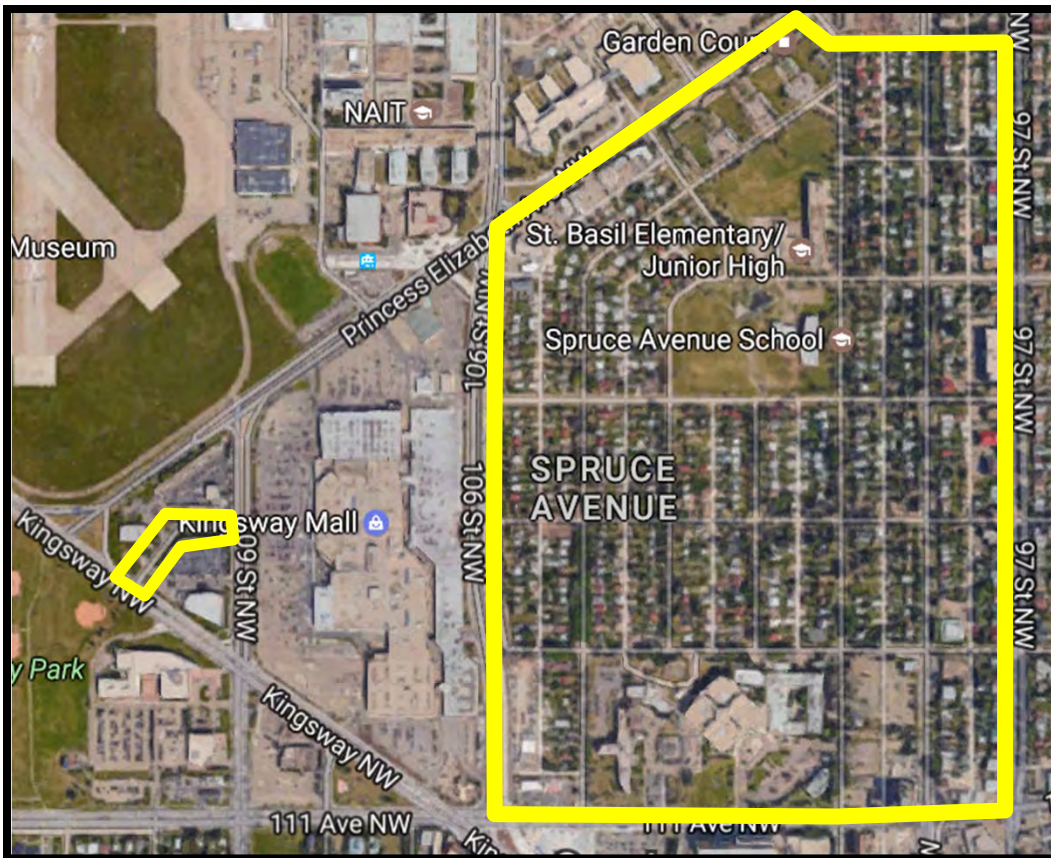


Building Great Neighbourhoods

SPRUCE AVENUE



This is Meeting 2



SPRUCE AVENUE

- 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:

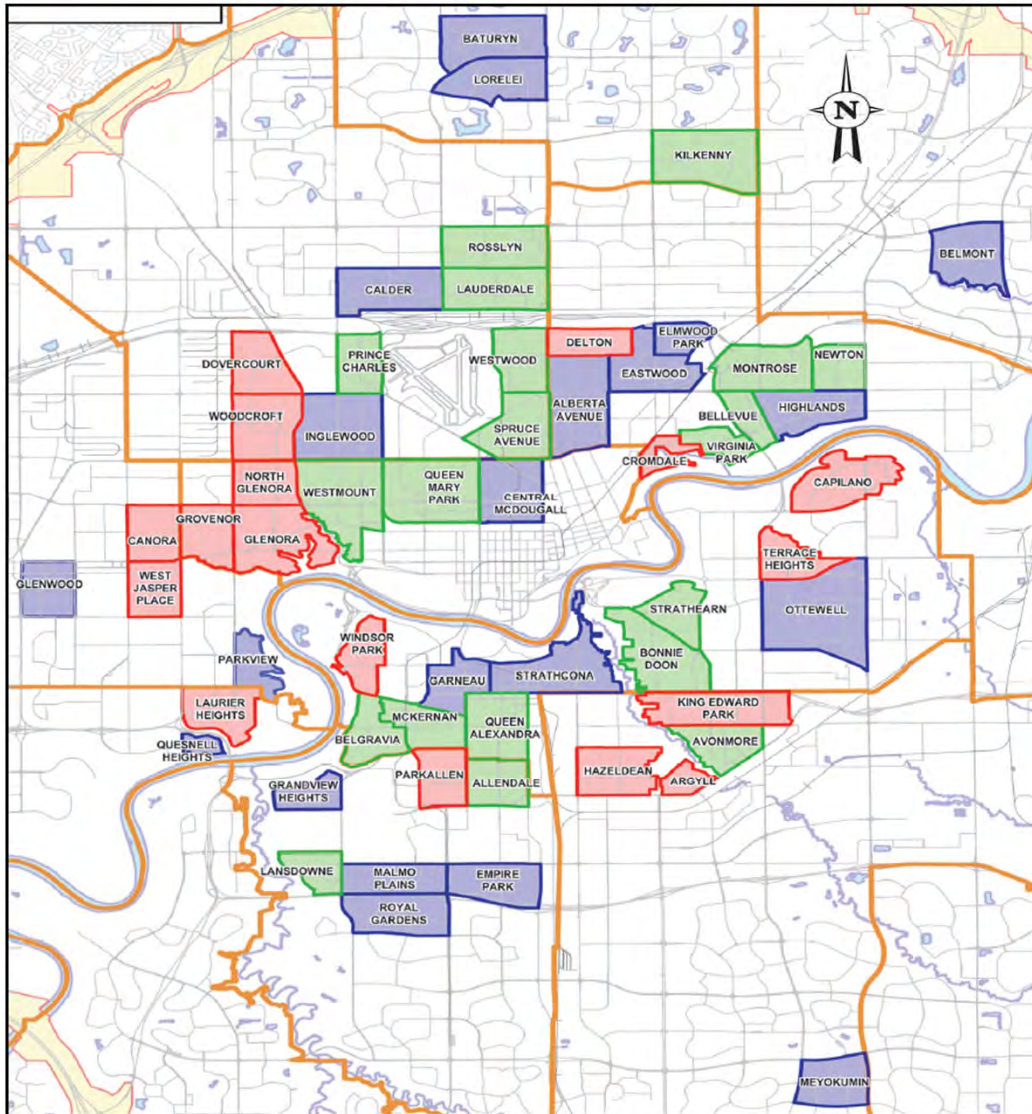
- Renewing and replacing sewers
- Coordinating utility repairs (EPCOR and ATCO)
- Reconstructing roads, curbs and sidewalks on City-owned property
- Replacing streetlights
- Working with residents to improve pedestrian and cycling accessibility
- Adding to your neighbourhood's livability



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



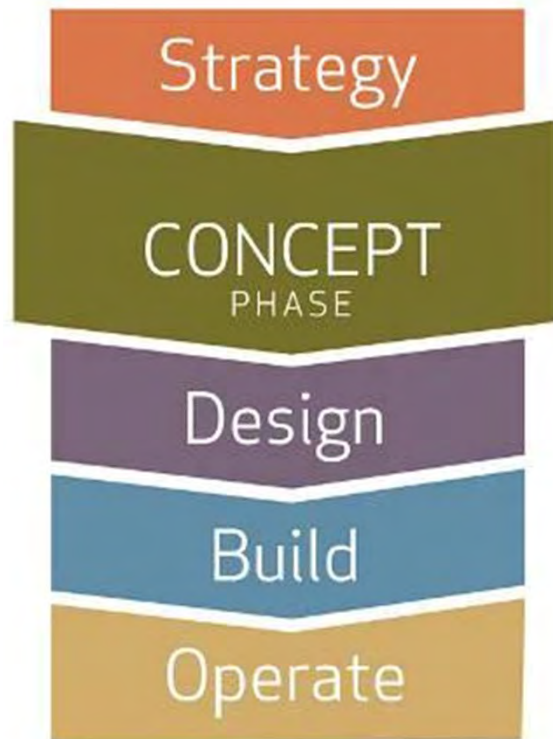
Neighbourhood Renewal

[Building Great Neighbourhoods Video](#)




Meeting 1

Concept with Community League



Discussion:

- Meeting held on September 27, 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



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:

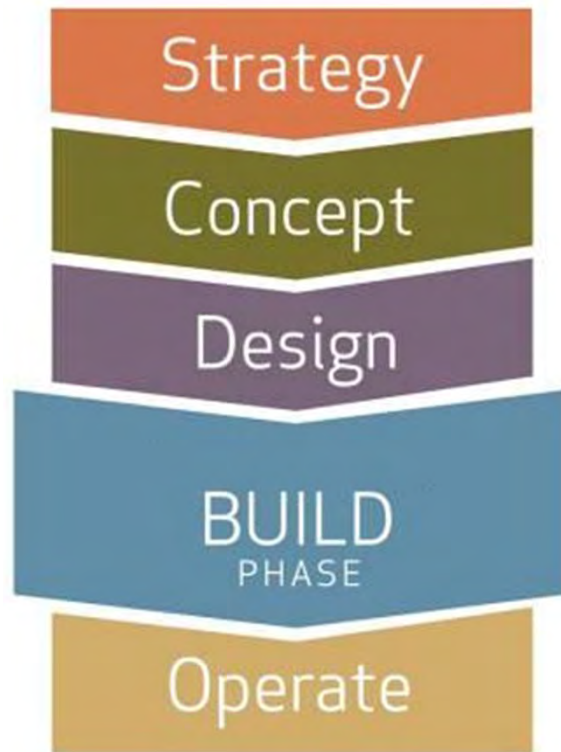
- sidewalk links
- bicycle facilities
- traffic concerns
- other suggestions to enhance livability

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.

Spruce Avenue



CURRENT ROADS IN SPRUCE AVENUE



Spruce Avenue

Drainage Neighbourhood Renewal



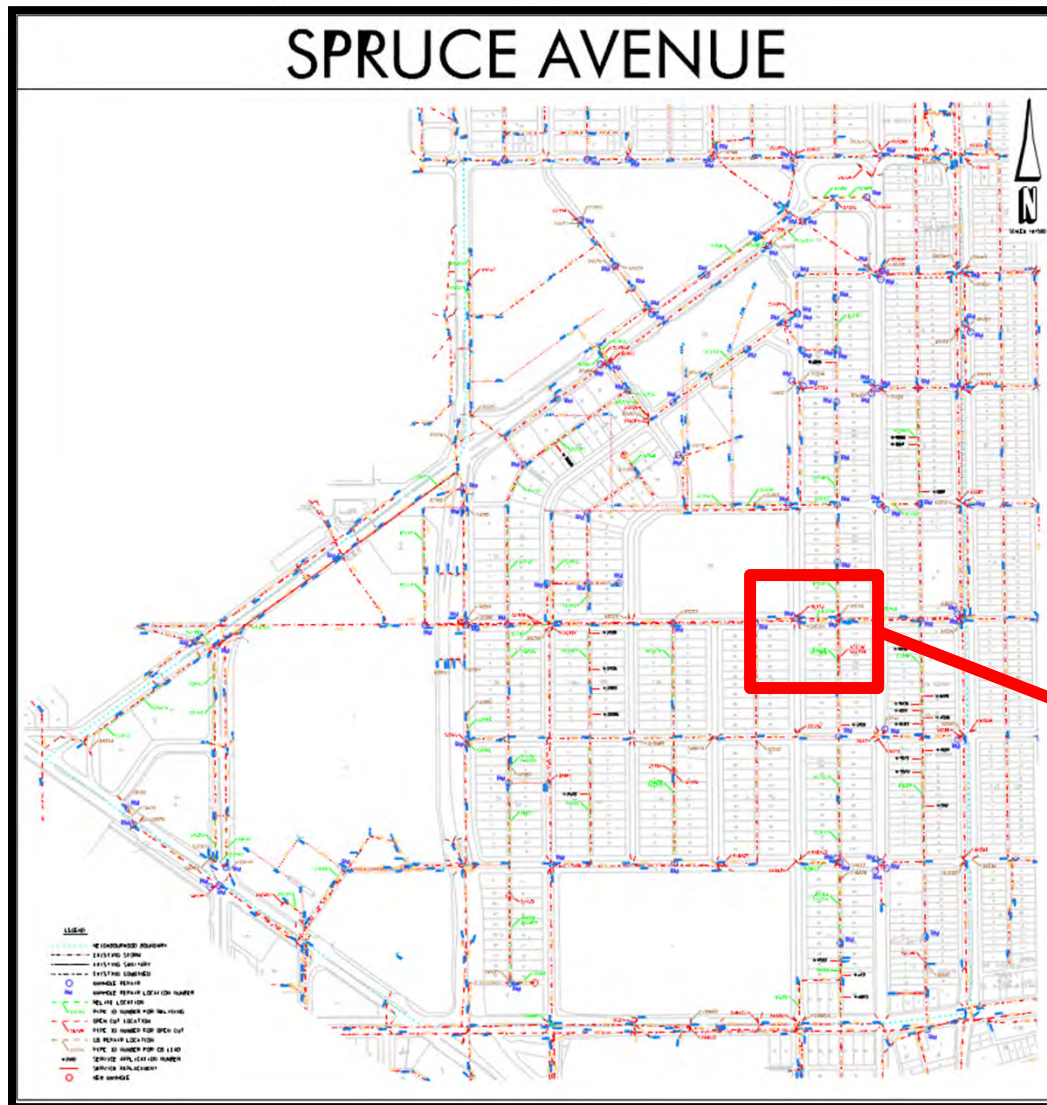


Drainage Neighbourhood Renewal

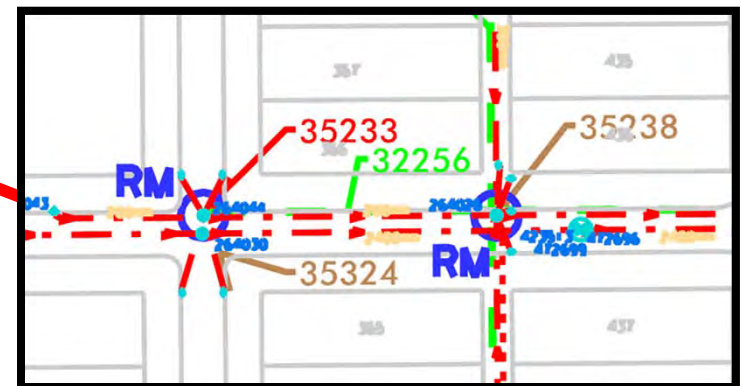
Drainage Services has been in your neighbourhood renewing and replacing storm and sanitary sewers.

- **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.



SPRUCE AVENUE



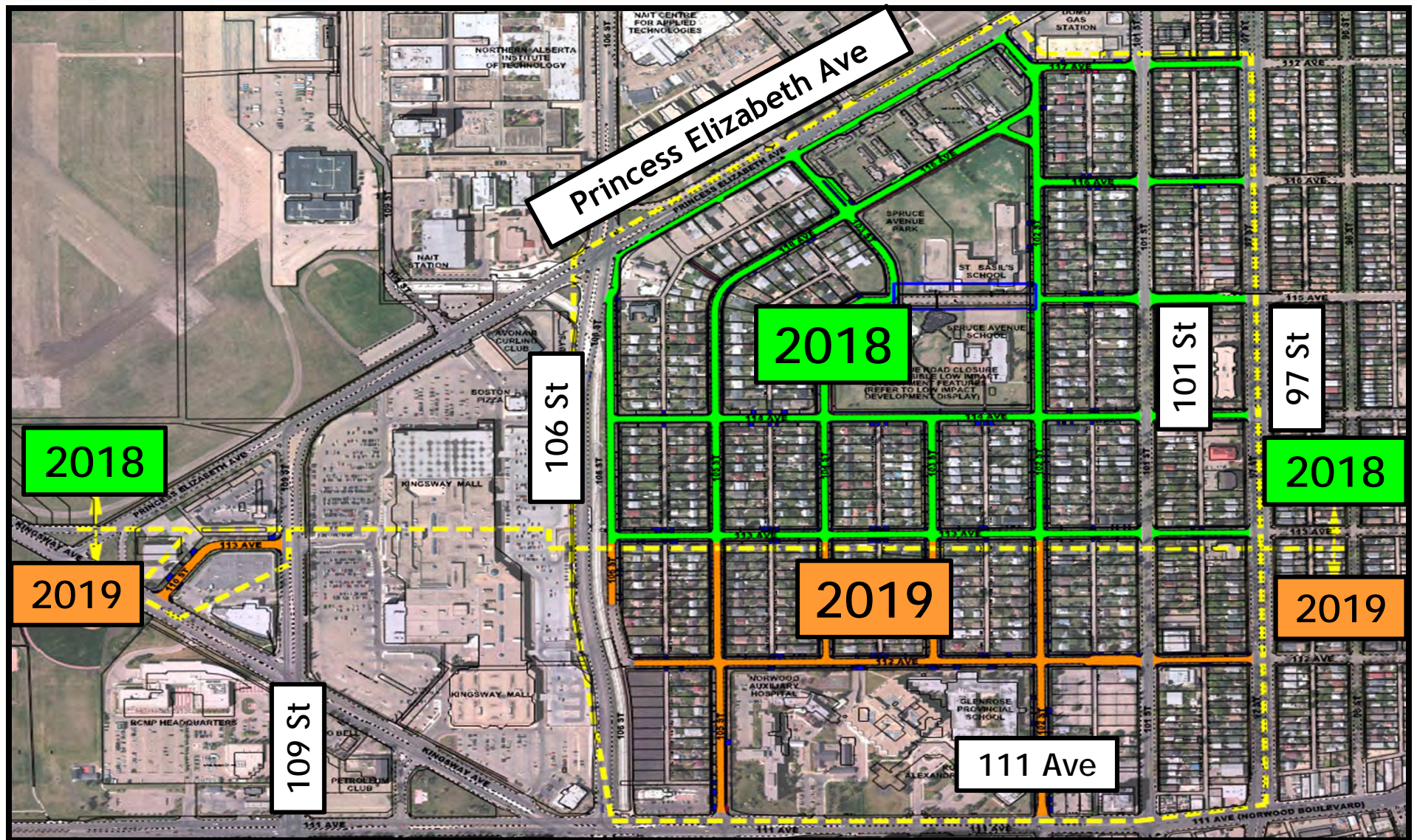
NEIGHBOURHOOD RENEWAL PROGRAM



Construction Staging

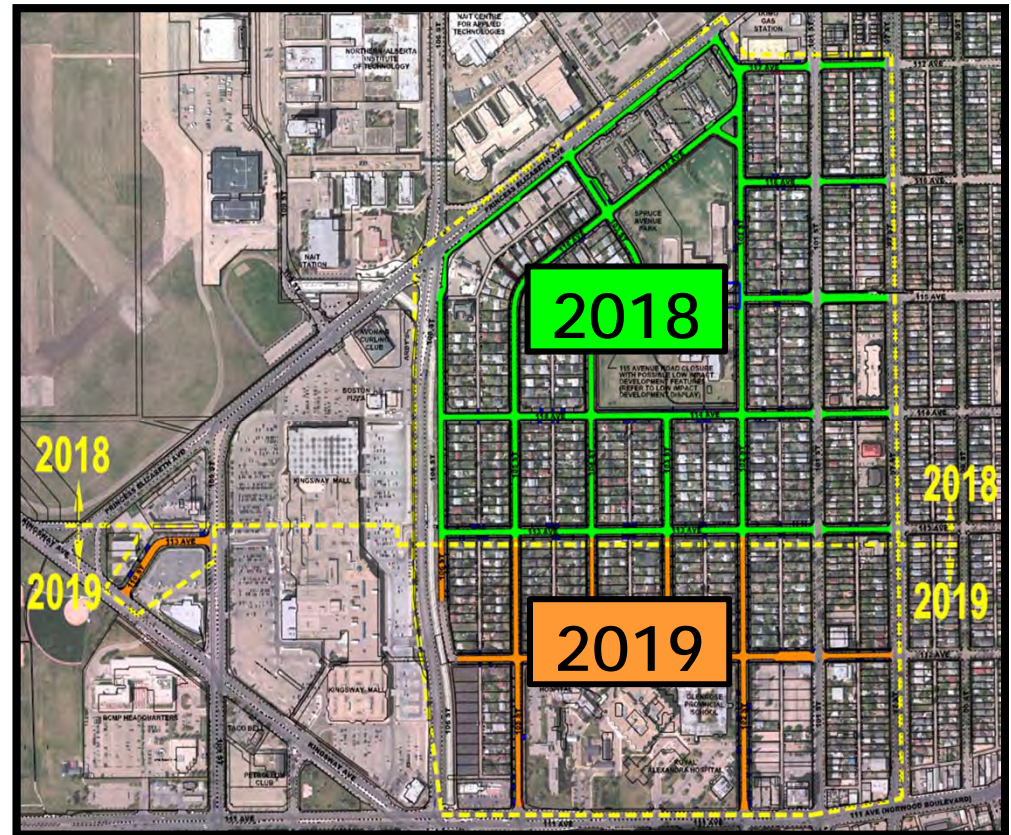
- Construction is staged over two years (2018-2019)
- Ultimate staging is dependent on weather conditions, coordination with utilities, and unforeseen design and construction issues
- Construction activities around schools are scheduled during the summer months to create minimal disturbance for students

Construction Staging



Condition & Reconstruction Scope

- Age: 55+ years
- Overall condition: Poor
 - Pavement: Poor
 - Sidewalk: Fair
 - Curb and gutter: Poor
- Conceptual budget: **\$ 17.6 M**
 - Cost includes replacing pavement, sidewalks, curb & gutter, and upgrading streetlights in the project limits
 - Costs do NOT include underground utility work, alleys, arterial roads (97 St, 101 St, 111 Ave, 106 St, 109 St, and Princess Elizabeth 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, shared-use 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 Spruce Avenue



STRAIGHT FACE MONOWALK



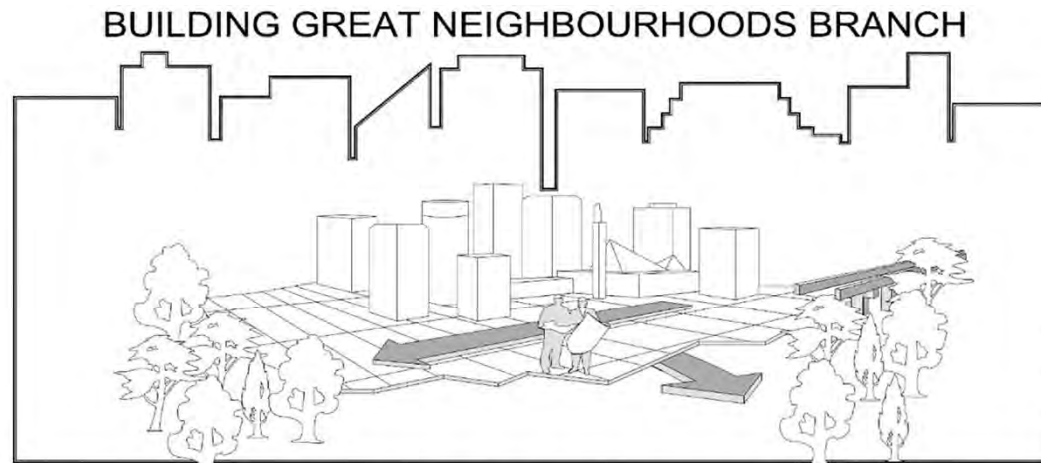
STRAIGHT FACE BOULEVARD WALK

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



Spruce Avenue

PROPOSED DESIGN

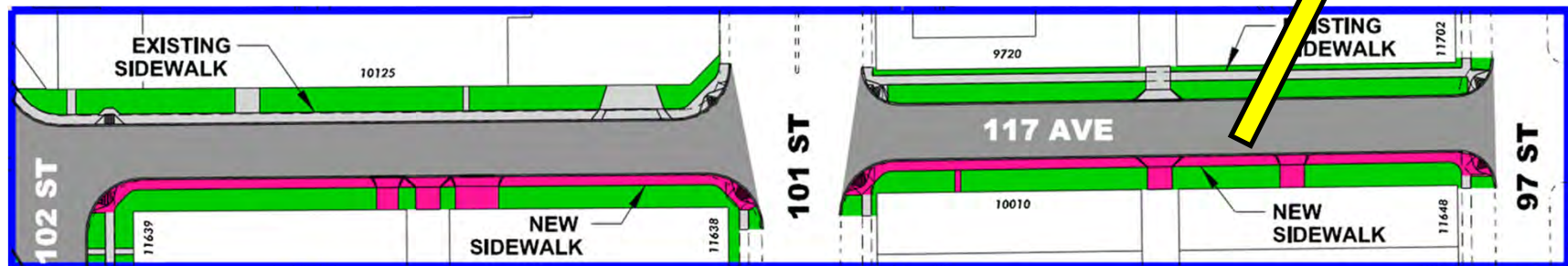
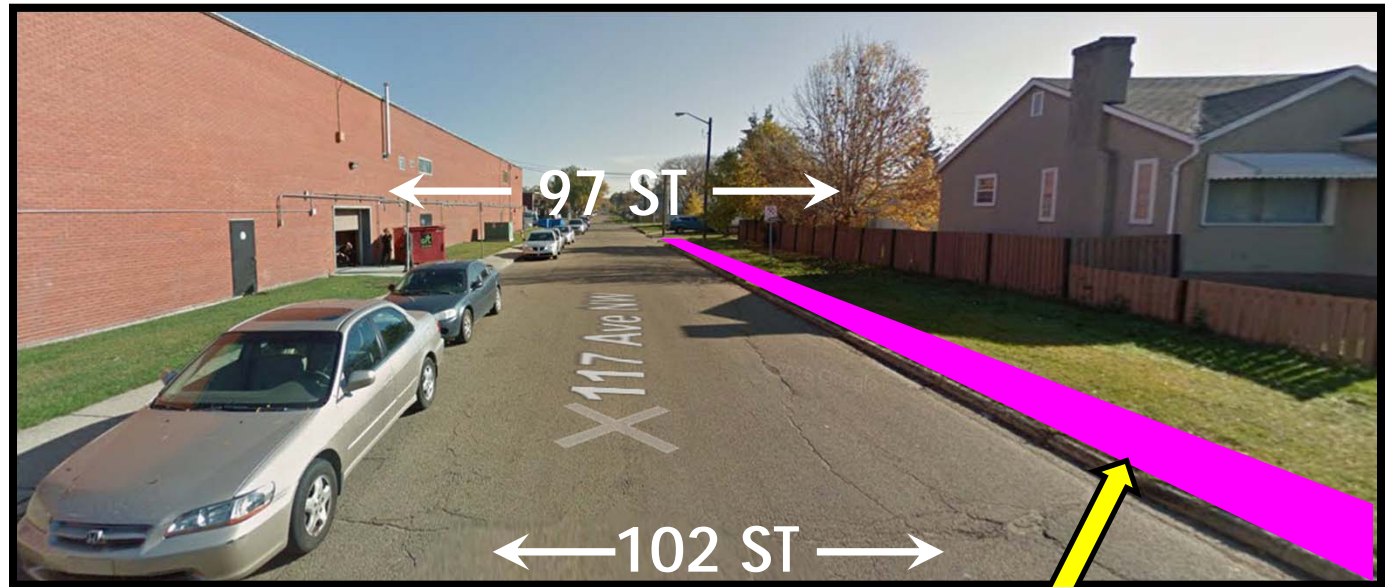


**SPRUCE AVENUE
NEIGHBOURHOOD RENEWAL**

PRELIMINARY

New Sidewalks on 117 Avenue

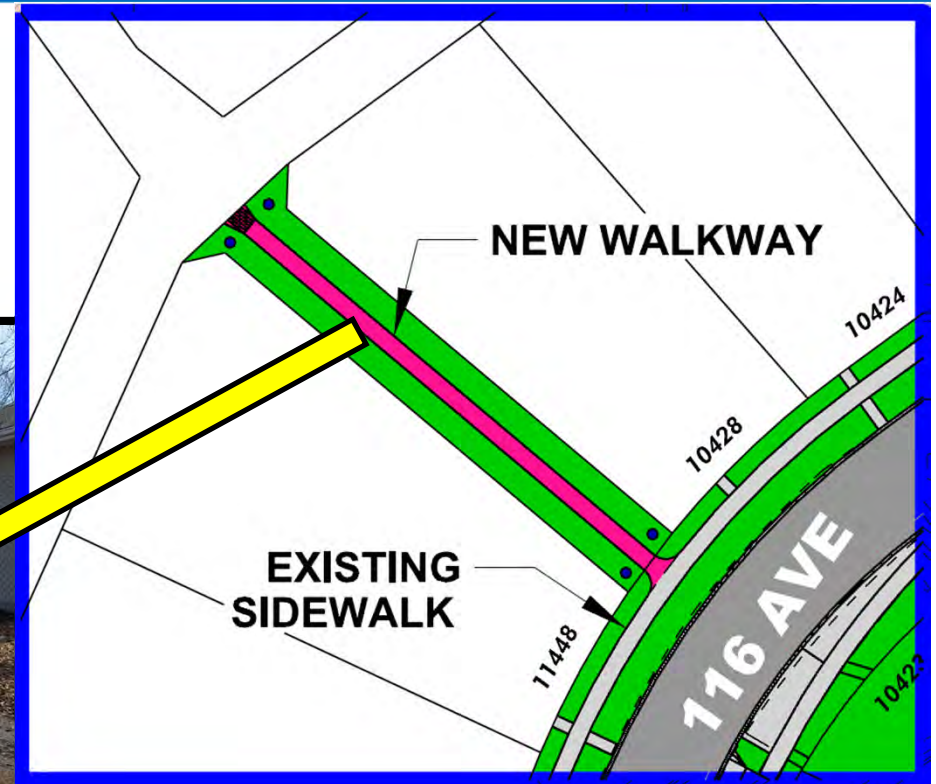
- *Add sidewalk on 117 Ave between 101 St and 102 St*



New sidewalk is proposed on 117 Avenue between 97 Street and 102 Street.

New Public Walkway

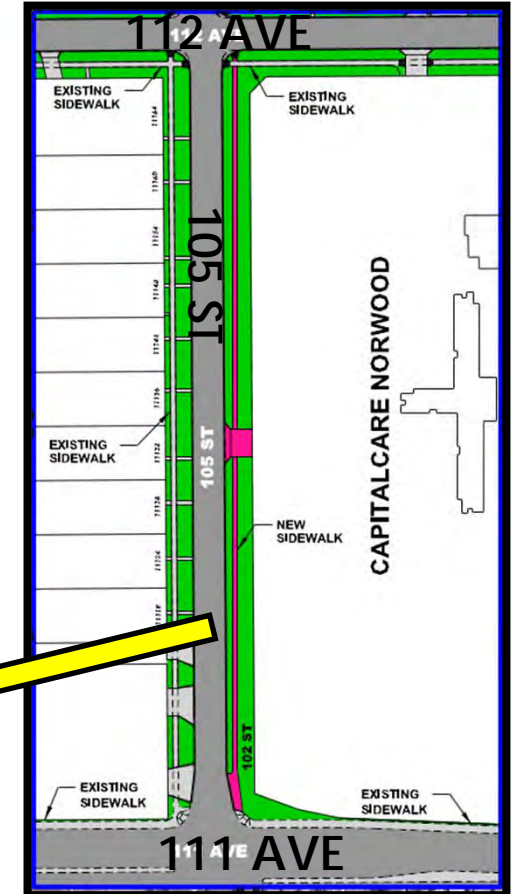
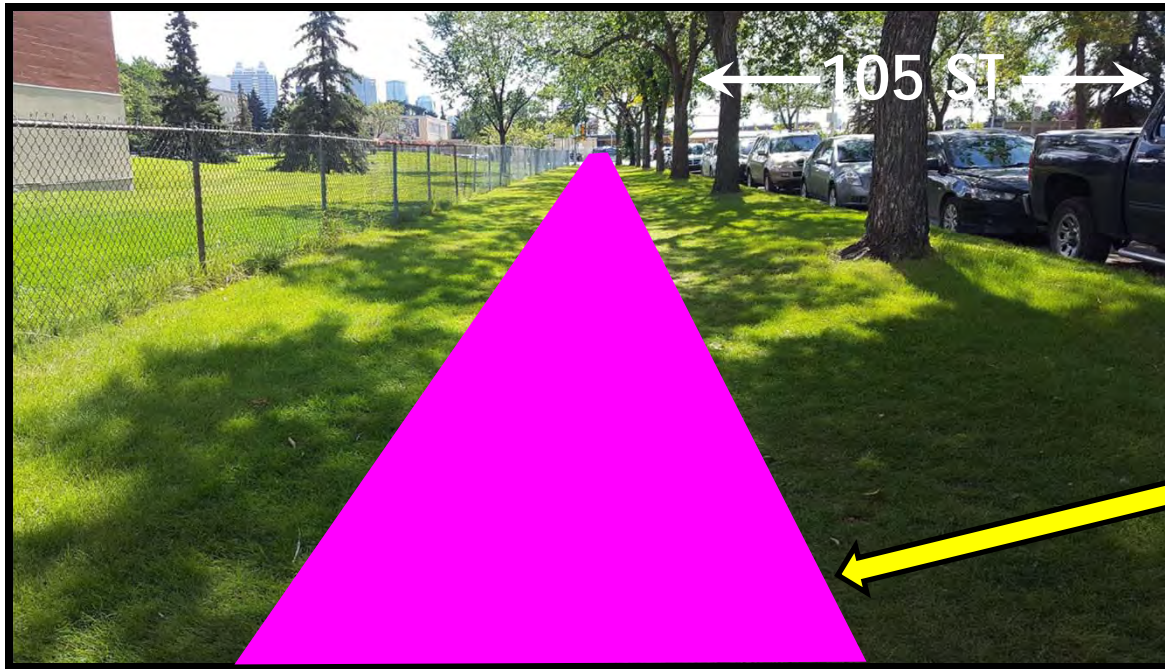
- *Add walkway on the public utility lot*



New walkway is proposed on the Public Utility Lot

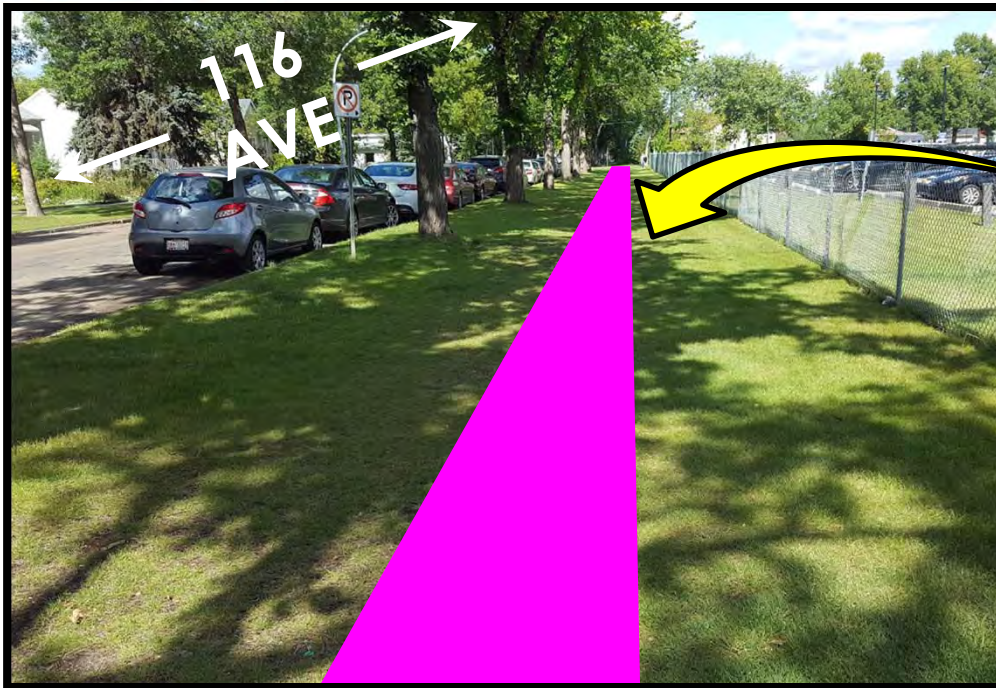
Possible New Sidewalks on 105 Street

- *Add sidewalk on 105 Street between 111 Avenue and 112 Avenue*

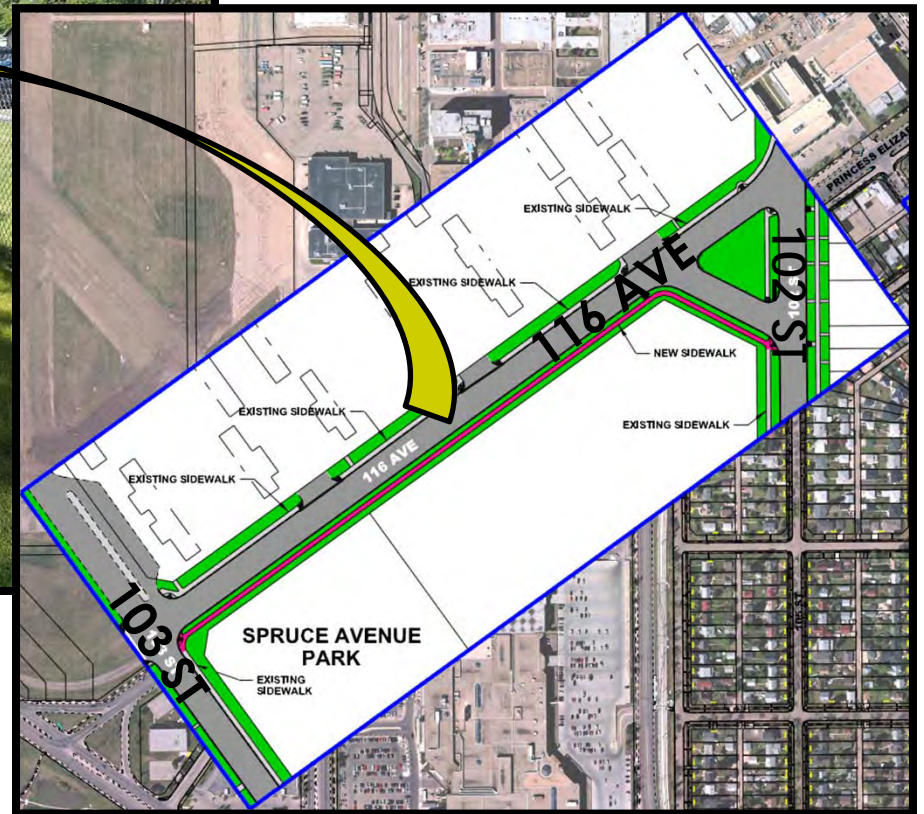


Possible new sidewalk on 105 Avenue between 111 Avenue and 112 Avenue, subject to site assessment

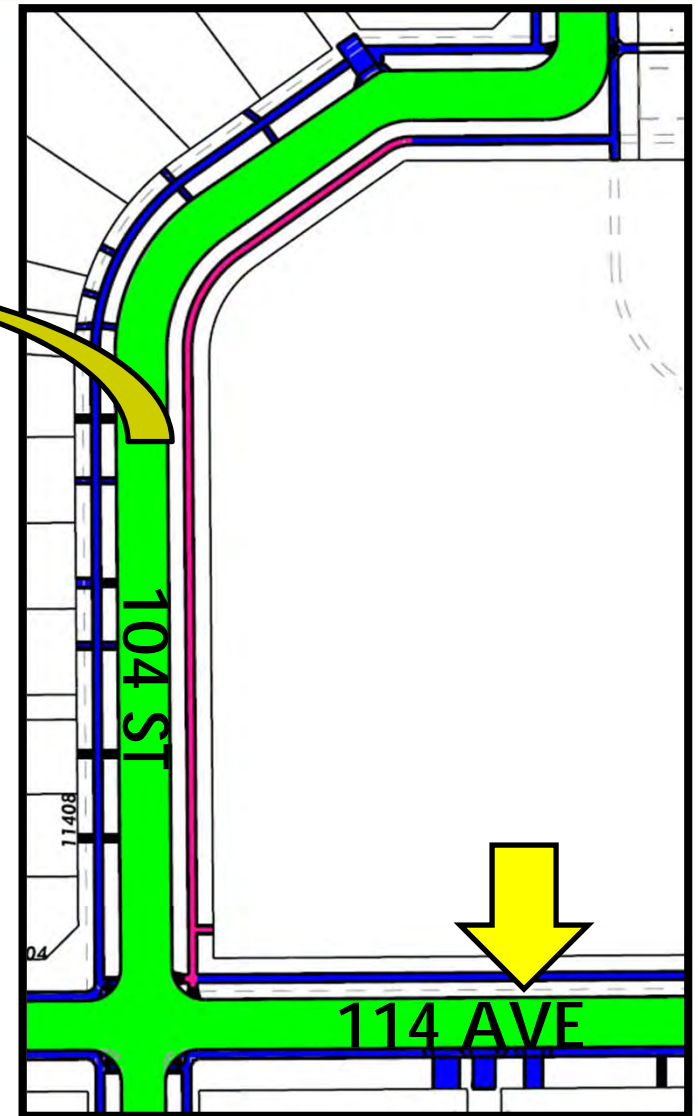
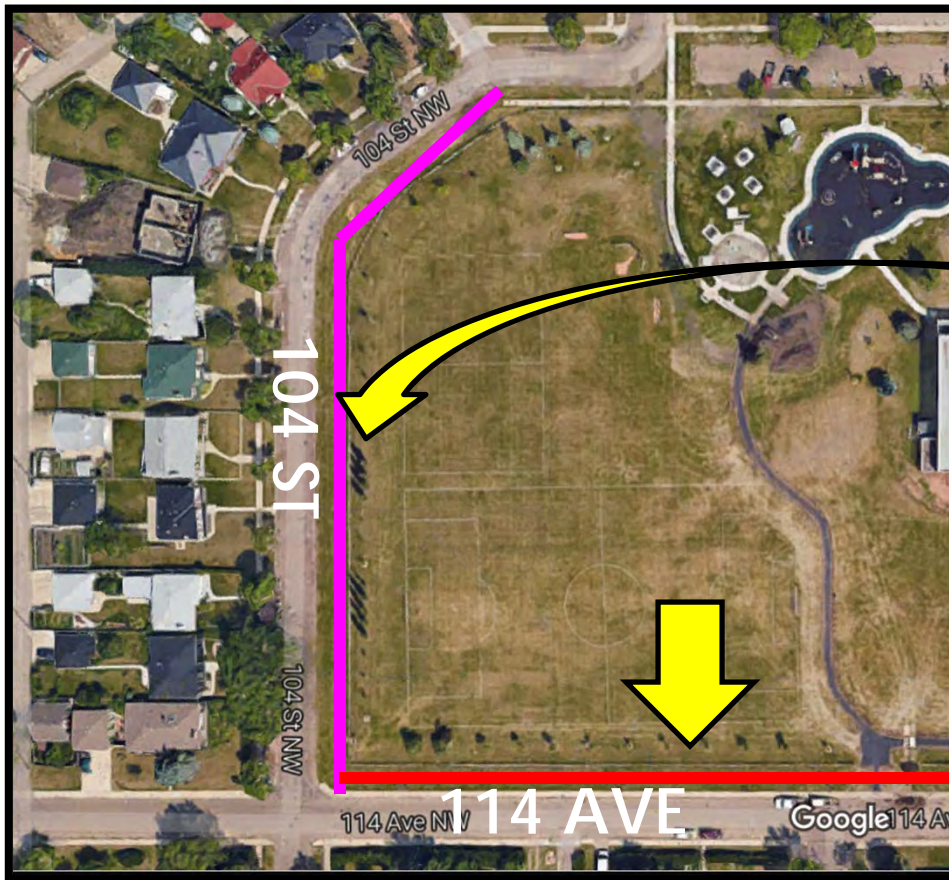
Possible New Sidewalks on 116 Avenue



Possible new sidewalk on the south side of 116 Avenue between 102 Street and 103 Street, subject to site assessment



New Sidewalks on 116 Avenue

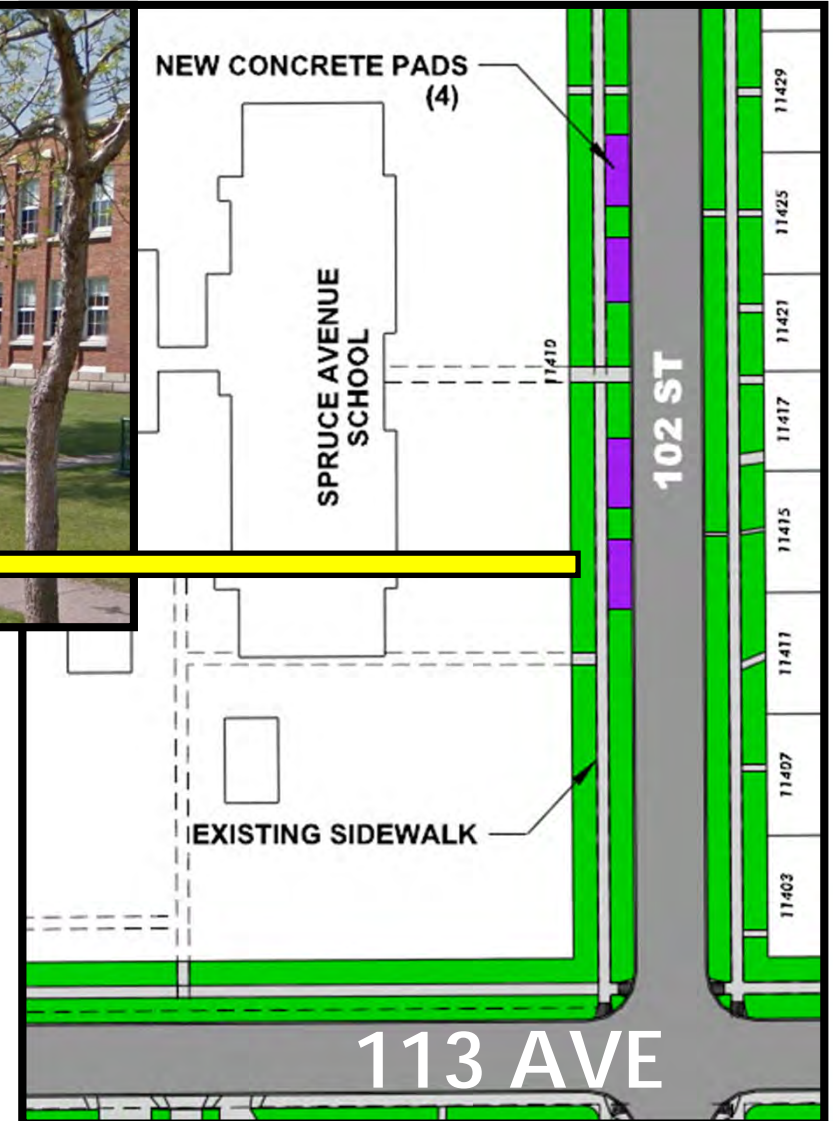


New sidewalk on the east side of 116 Avenue between 102 Street and 103 Street

Proposed Drop-off Pads for Spruce Ave School



Proposed drop-off pads for Spruce Avenue school on the west side of 102 Street



Proposed Drop-off Pads for St. Basil School



EXISTING SIDEWALK

NEW CONCRETE PADS
(5)

102 ST

ST. BASIL'S SCHOOL

Proposed drop-off pads for
St. Basil school on the west
side of 102 Street



Streetlight Design Standards

Neighbourhood streetlight system:

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





Spruce Avenue



Decorative Lighting



Sidewalk Reconstruction

LOCAL IMPROVEMENTS



Local Improvements

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



Sidewalk Reconstruction

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



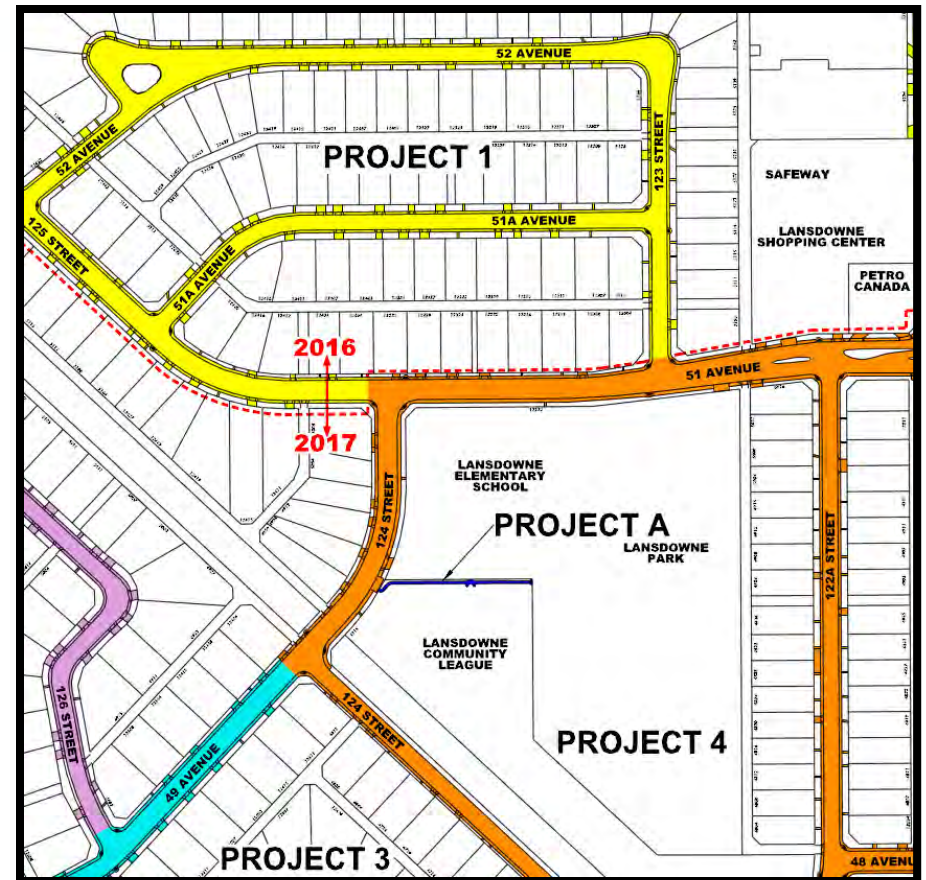


Sidewalk Reconstruction

- 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.

Sidewalk Reconstruction

- 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 Reconstruction



Sidewalk Maintenance



*ASPHALT
PATCHING*



*MUD
JACKING*



GRINDING



Decorative Street Lighting

Property owner requested local improvement:

- Type selected by [July 4, 2017](#); 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 [November 15, 2017](#)
- Must have [50%+1](#) 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



Edmonton



Spruce Avenue

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

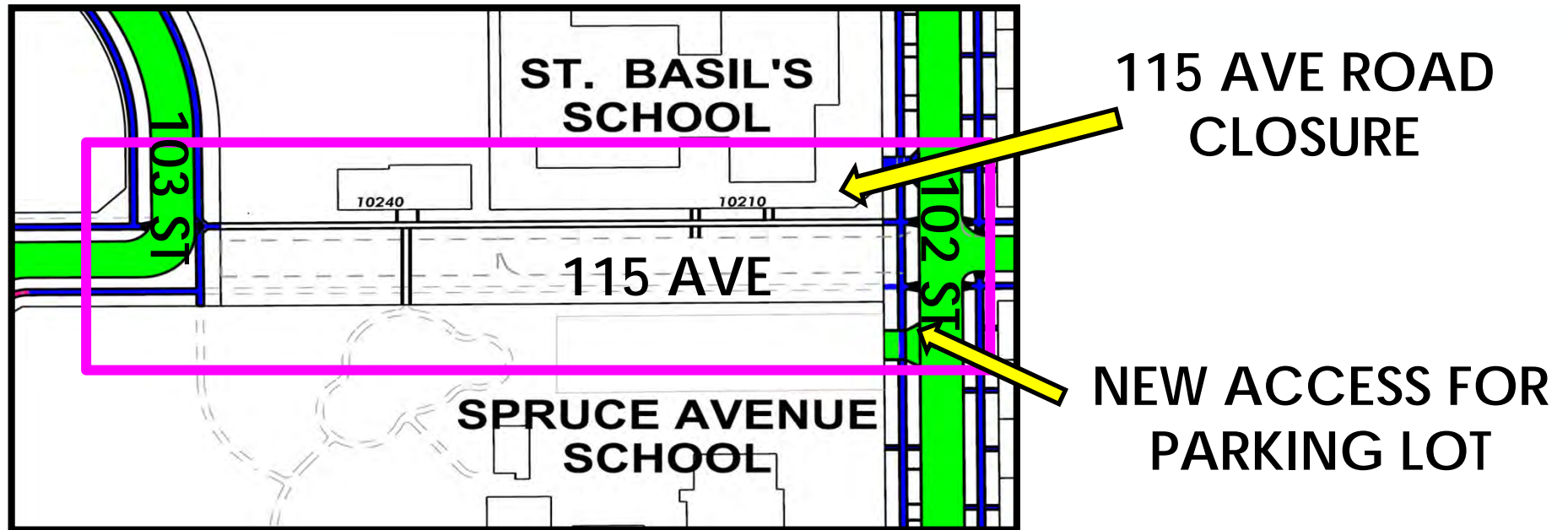


Harry Hardin Park in Fulton Place
BEFORE



Harry Hardin Park in Fulton Place
AFTER

Spruce Avenue 115 Avenue Road Closure



115 Avenue road closure and reclamation to park space:

- removal of roadway
- grading, topsoil and sod
- sidewalk connection from community league to park
- relocation of school parking lot and access to 102 Street



SPRUCE AVENUE

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

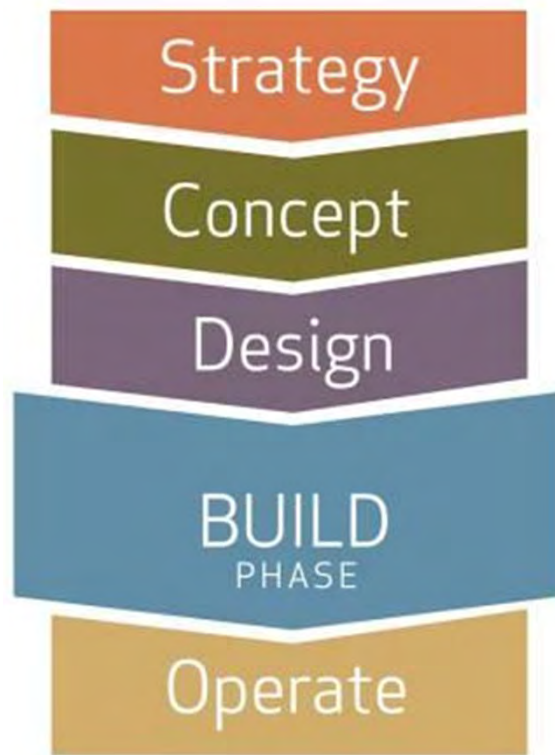


What To Expect

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



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.



Information & Feedback

INFORMATION

Call: 311

Email:

BuildingGreatNeighbourhoods@edmonton.ca

Website: edmonton.ca/BuildingGreatNeighbourhoods

FEEDBACK

- Comment forms available at front desk or survey online
- Will accept comments for [6 weeks](#) after tonight's meeting