

Strathcona Neighbourhood Renewal

Proposed Design Options Survey

Spring 2018

Edmonton

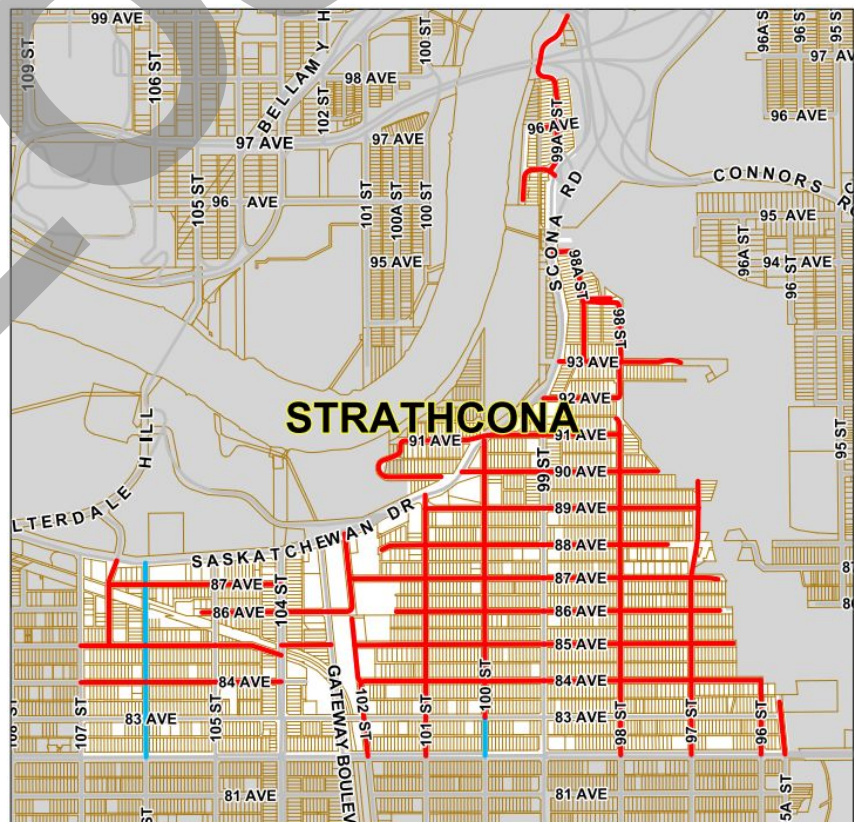
Strathcona's neighbourhood renewal has begun! The neighbourhood's aging road surfaces, sidewalks and light standards are scheduled to begin replacement construction in 2019. The City will also be considering other community enhancements and improvements in areas such as City-owned green spaces and parks. *(The project scope does not include arterial or alley replacement.)*

Over the last several months, neighbourhood knowledge and input has been gathered using a public survey, a community workshop, and meetings with the Strathcona Community-led working committee and other area stakeholders. With public input and additional technical information being considered, planners have begun to develop ideas and options for the renewal of the Strathcona community.

At this time we would like to share where we are with the design and ask for additional public feedback into ideas and options.

Our plan has been broken down into 6 categories for the purpose of this survey:

1. **Traffic Calming - Measures to Reduce Shortcutting and Speeding**
2. **Bike Routes and Facility Types**
3. **Sidewalks and Crossings**
4. **Open Spaces/Gathering Places**
5. **Decorative Street lights**
6. **Project Vision and Principles**



This survey may take up to 15 minutes to complete. You do not have to provide input into all of the questions, but the more you do the more information the City will have to gain an understanding of your community.

Your responses to the survey will be considered in the development of the design and may be used to inform other projects in the area.

About You

I. Where in Strathcona do you live? (Please ✓)

- ☐ East of 99 Street and South of 92 Avenue
- ☐ North of 92 Avenue
- ☐ Between 99 Street and Gateway Boulevard and south of Saskatchewan Drive
- ☐ North of Saskatchewan Drive
- ☐ West of Gateway Boulevard
- ☐ Not a resident in Strathcona

II. Which category below includes your age? (Please ✓)

- ☐ 17 or younger
- ☐ 18-20
- ☐ 21-29
- ☐ 30-39
- ☐ 40-49
- ☐ 50-59
- ☐ 60 or older

III. How would you describe your home? (Please ✓)

- ☐ Single family
- ☐ Townhouse
- ☐ Duplex
- ☐ Apartment/Condo
- ☐ Other: Please specify: _____

1. Traffic Calming - Measures to Reduce Shortcutting and Speeding

Speeding and shortcutting within the Strathcona neighbourhood emerged as one of the key concerns from public feedback. There is an opportunity to consider traffic calming as part of neighbourhood renewal. Traffic calming is a combination of mainly physical traffic measures that address speeding or shortcutting traffic on roads within communities.

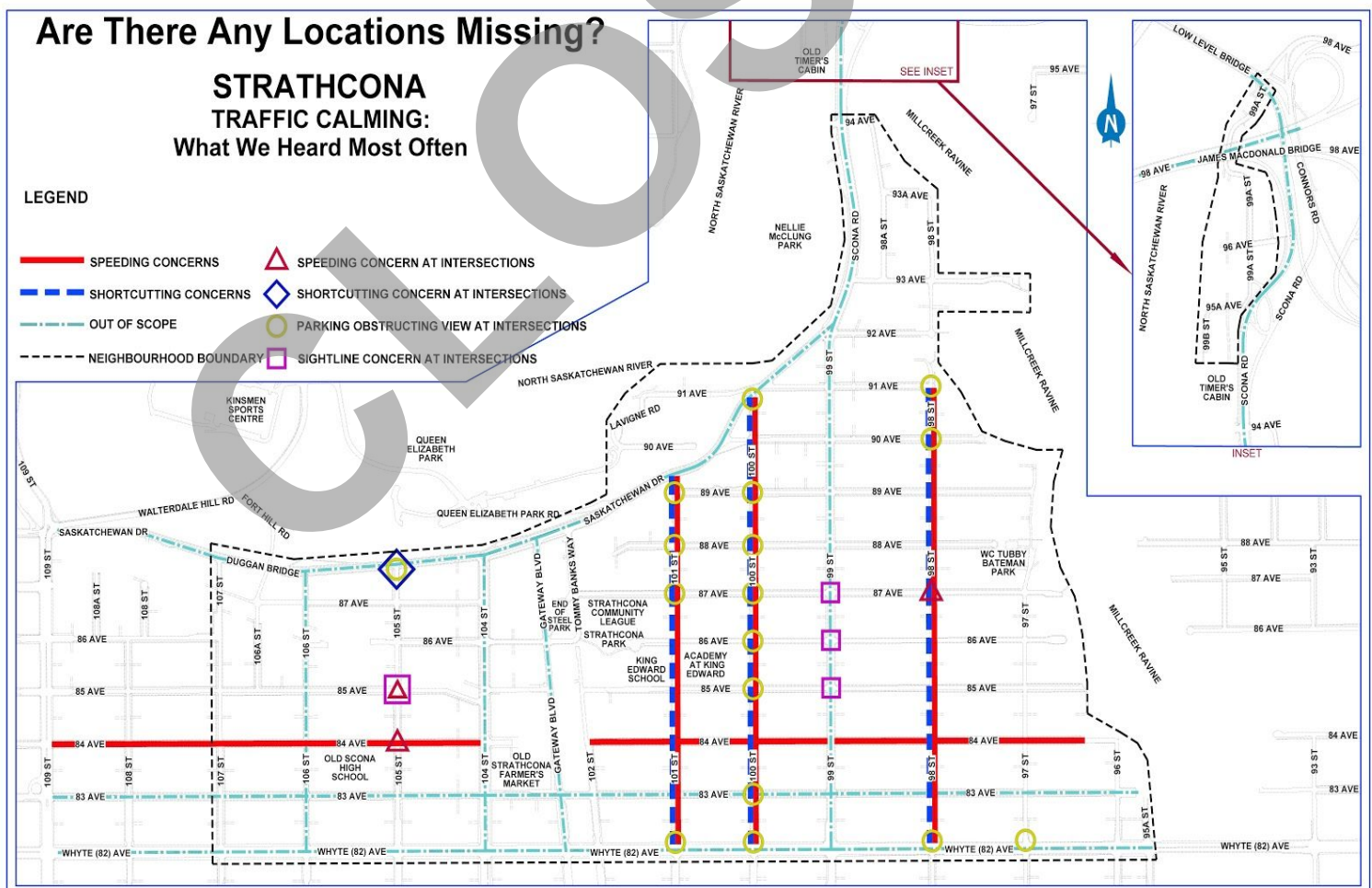
Your feedback will help us identify what is most important to you for traffic calming so we can make a decision on appropriate measures and locations.

Where is Traffic Calming needed most?

Public feedback from our survey and public workshop, identified a number of locations where shortcutting and/or speeding are a concern. The locations highlighted below are those areas that that we heard about most often.

Speeding - 84 Avenue between 96 Street and 102 Street and between 104 and 109 Streets

Speeding and Shortcutting - 100 and 101 Streets between 82 Avenue and Saskatchewan Drive; 98 Street between 82 Avenue and 91 Avenue.



1a. Are there any locations with significant speeding or shortcutting concerns that we missed?

(NOTE: Arterials NOT included in this project scope are: 82 Avenue, 99 Street, Calgary Trail and Gateway Boulevard)

Traffic Calming- Types, Benefits and Trade-offs

There are different types of traffic measures that may be considered to help address shortcutting and speeding concerns in Strathcona. Measures are typically used in combination in order to address issues along a corridor or larger area.

CONSIDERATIONS FOR ALL TRAFFIC CALMING MEASURES

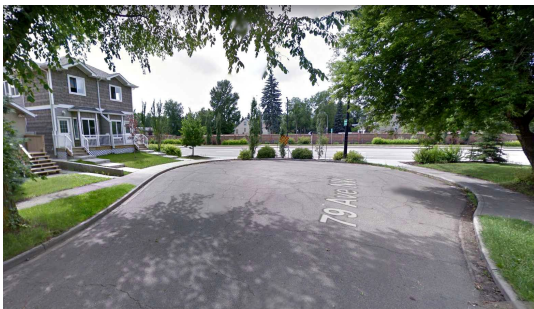
- Traffic may shift to other neighbourhood roads to avoid traffic calming measures
- May result in loss of some on-street parking
- The more of these measures there are in a neighbourhood:
 - The greater the inconvenience and/or travel time for residents
 - The greater the impact to emergency response time
 - The greater the complications for street sweeping, snow removal and/or garbage collection
- Impacts to bicycle and transit routes must be considered in location and design of traffic calming measures

MEASURES THAT REDUCE SHORTCUTTING

Shortcutting is typically addressed with **access restrictions**, which have both benefits and trade-offs:

- Effective in reducing traffic volumes and minimizing shortcutting
- Fewer conflicting traffic movements potentially result in fewer/less severe collisions
- Creates a pedestrian refuge to make crossing the road safer (raised median and right-in/right-out island)
- May have potential for landscaping
- Inconvenient access for neighbourhood residents and visitors

SHORTCUTTING REDUCTION MEASURES



Full Road Closure



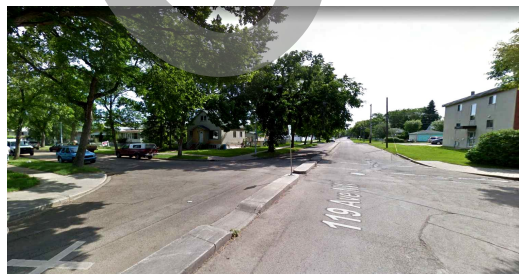
One-Way Road



Diagonal Diverter



Right-In/Right-Out Island



Raised Median Through an Intersection

Please see the **Traffic Calming Reference Document** at the Comment Tables OR please visit edmonton.ca/buildingstrathcona for details on additional benefits and trade-offs associated with each measure.

1b. Thinking about how you travel around your neighbourhood, and the benefits and trade-off associated with each of the pictured **shortcutting** measures, please indicate in the table below your **level of comfort** with encountering each shortcutting measure on a daily basis?

5 - Very comfortable - I am comfortable encountering this shortcutting measure in multiple locations and often in my neighbourhood

4 - Comfortable - I am comfortable encountering this shortcutting measure in a few strategic locations and not as often in my neighbourhood

3 - Neutral - I do not have an opinion on this measure

2 - Uncomfortable - I am not comfortable encountering this shortcutting measure and would like the least number possible to be placed in my neighbourhood

1 - Very Uncomfortable - I do not want to see this shortcutting measure in my neighbourhood

Don't Know - I am unsure

Shortcutting Measure	5 Very Comfortable ✓	4 Comfortable ✓	3 Neutral ✓	2 Uncomfortable ✓	1 Very Uncomfortable ✓	Don't know ✓
Access Restrictions						
Full Road Closure						
One-Way Road						
Diagonal Diverter						
Right-in/Right-out Island						
Raised Median Through an Intersection						

Comments:

MEASURES THAT REDUCE SPEEDING

Traffic calming measures that address speeding include **horizontal deflections**, **narrowing the road** and **vertical deflections**, which have the following benefits and trade-offs:

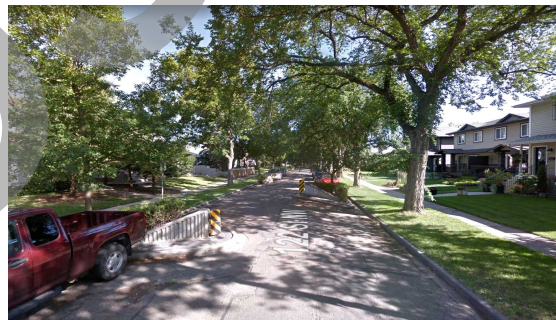
- Slows traffic in the vicinity of the measure
- May also discourage shortcutting if used in combination along a roadway
- Improved driver awareness of the pedestrian crossing (raised crosswalk or raised intersection)
- Pedestrians using mobility aids may be able to cross more easily (raised crosswalk or intersection)
- Cyclists may need to “take the lane” to travel around curb extensions, chicanes, and roundabouts
- May be challenging for larger vehicles (trucks, buses)
- May increase traffic noise due to braking and accelerating

SPEED REDUCTION MEASURES

HORIZONTAL DEFLECTIONS

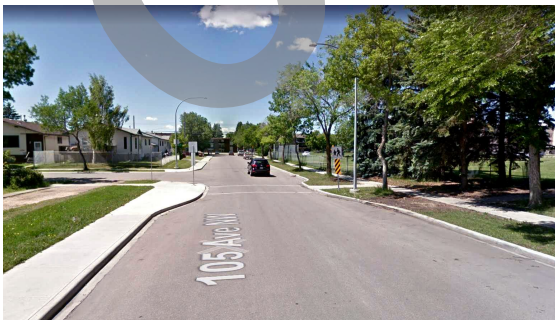


Mini Roundabout



Chicanes

NARROWING THE ROAD



Curb Extensions



Raised Median

VERTICAL DEFLECTIONS



Raised Crosswalk



Raised Intersection



Speed Hump

Please see the **Traffic Calming Reference Document** at the Comment Tables OR please visit edmonton.ca/buildingstrathcona for details on additional benefits and trade-offs associated with each measure.

1c. Thinking about how you travel around your neighbourhood, and the benefits and trade-off associated with each of the pictured **speed reducing** measures, please indicate in the table on the following page, your **level of comfort** with encountering each measure on a daily basis?

5 - Very comfortable - I am **comfortable** encountering this speed reduction measure in multiple locations and often in my neighbourhood

4 - Comfortable - I am **comfortable** encountering this speed reduction measure in a few strategic locations and not as often in my neighbourhood

3 - Neutral - I do not have an opinion on this measure

2 - Uncomfortable - I am **not comfortable** encountering this speed reduction measure and would like the least number possible to be placed in my neighbourhood

1 - Very Uncomfortable - I **do not want** to see this speed reduction measure in my neighbourhood

Don't Know - I am unsure

Speed Reduction Measure	5 Very Comfortable ✓	4 Comfortable ✓	3 Neutral ✓	2 Uncomfortable ✓	1 Very Uncomfortable ✓	Don't know ✓
Horizontal Deflections						
Mini Roundabout						
Chicanes						
Narrowing the Road						
Curb Extension						
Raised Median						
Vertical Deflections						
Raised Crosswalk						
Raised Intersection						
Speed Hump						

Comments:

1d. Which of the following do you feel are the most important for Building Great Neighbourhoods to consider when evaluating possible solutions to reduce shortcutting and speeding in Strathcona? Please choose ✓ your top three choices from the list below:

- ☐ Slowing vehicle traffic
- ☐ Reducing traffic volumes on community roads
- ☐ Travel time as a driver
- ☐ Access by car
- ☐ Maintaining parking
- ☐ Pedestrian comfort
- ☐ Cyclist comfort

2. Bikes Routes and Facility Type

Bike route options are evaluated based on the three inputs to decision making: public input, technical requirements and City policies and programs.

The following key themes for the evaluation of bike routes and facilities are: balancing the impact on other travel choices; the difficulty and cost of constructing the bike facility; the impact of the bike facility to the local area; how well the route could serve cyclists and support ridership.

Bike Route Locations

2ab. East / West Route and North / South Routes

We have heard strong public support for an additional east/west route and an additional north/south route. We are suggesting at least one of the following locations for additional bike facilities in Strathcona.

*Please rank your preference for route locations with
1 being your first choice and 3 being your last choice.*

East / West Route Location	Rank 1-3 (1 highest)
87 Avenue	
86 Avenue	
89 Avenue	

- ☐ I have no opinion
☐ I do not support additional bike lanes in my community

Comments: _____

North / South Route Location	Rank 1 - 3 (1 highest)
97 Street	
98 Street	
100 Street	

- ☐ I have no opinion
☐ I do not support additional bike lanes in my community

Comments: _____

Bike Route Facility Design

2b. The following page highlights various type of bike facilities. Please review the facility options and rank your preference for the type that is best suited to Strathcona.

1 being your top preference and 3 being your last preference. *Please provide a reason for your ranking.*

Bike Facility Type	Rank 1-3 (1 highest)	Reason
Protected Bike Lane 		
Bike Boulevard 		
Raised Bike Lane 		

Bike Route / Facility - Space Considerations

Considering the width of Strathcona's streets and avenues, it will not be possible to fit a bike facility into the space available without trade-offs and compromises to the roadway.

- 2c.** Please rank the trade-off /compromise you feel most comfortable with that would provide the space required to fit a bike facility into Strathcona's streets or avenues.

1 being most comfortable and 3 being the least comfortable

Trade Off	Comfort Level Rank 1-3 (1 highest)
One-way for motor vehicles	
Remove on-street parking	
Remove boulevard trees	

- ☐ I have no opinion
☐ I do not support additional bike lanes in my community

Comments: _____

3. Sidewalks and Crossings

Most existing sidewalks in Strathcona will be replaced during the renewal project. The public has identified various locations throughout the neighbourhood where sidewalk connections are missing. We need your input to help decide how these connections can be accommodated.

Missing Sidewalks - Trade-Offs/Compromises

Considering the narrow width of several of Strathcona's streets/avenues, it may not be possible to fit a missing sidewalk into the current available space without considering a trade-off/compromise to the roadway.

- 3a.** Please rank the trade-off/compromise you feel most comfortable with that would provide the space required for a missing sidewalk connection to fit into Strathcona's streets or avenues.

1 being most comfortable and 4 being the least comfortable

Trade-off	Comfort Level Rank 1-4 (1 highest)
Turn street/avenue into a one-way only	
Remove on-street parking	
Remove boulevard trees	
Put a sidewalk on one side of the street only	

Comments: _____

Pedestrian Crosswalks

The following is a summary of what concerns we have heard about pedestrian crossings in Strathcona.

- **Crossing lights** - wait times long, crossing times short, add bike buttons
- **Enhanced Crossings** - add more locations
- **Crossing distance** - shorten; add curb extensions
- **Visibility poor** - remove parked cars close to intersections; add raised crosswalks
- **Mobility Challenges** - add curb ramps

- 3b.** Please advise on up to 3 locations that you believe experience significant pedestrian crossing issues? Please indicate location by intersection including a street and avenue (eg. 142 Street/104 Avenue) (NOTE: Arterials NOT included in this project scope are: 82 Avenue, 99 Street, Calgary Trail and Gateway Boulevard)

1. _____

2. _____

3. _____

4. Open Spaces and Gathering Places

We heard from the public that some Strathcona parks, playgrounds and open spaces could use improvements and/or additional amenities such as community gardens, off leash areas and seating. We also heard that there is a lack of open spaces east of 99 Street.

Improvements/Additions Priorities

- 4a. There are a number options the City can consider to address the open space needs of the public, however, there are limited funds to address them all during this neighbourhood renewal. Some may need to be considered beyond this renewal project. To help with decision making, please rank the following list of ideas and options according to how important they are to you.

1 being most important and 6 being least important.

Open Space Improvements/Additions	Priority Level Rank 1-6 (1 highest)
Improve existing parks and playgrounds (End of Steel Park, McIntyre Park, Tubby Bateman Park, Strathcona Park)	
Add community garden space	
Add more benches/seating opportunities throughout the community	
Add another off leash dog area within the community	
Add new parks/open spaces east of 99 Street	
Improve connections/paths to open spaces (rail land corridors, east / west streets)	

Creating a Community Gathering Space

- 4b. An option to add community gathering space **east of 99 Street** would be to close a street to traffic (avenue to avenue with alley access open) to develop a new open space there.

Would you support this as an option? ☐ Yes ☐ No ☐ Don't know/Unsure

Why or why not? _____

- 4c. There are several possible locations **east of 99 Street** that could work to convert a street to an open space. If you support this option, please suggest a street where you think this option would work best for the community. (Include street and avenues)

Street Location: _____

5. Decorative Street lights


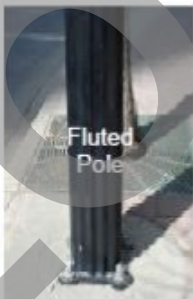






The City will be covering the full cost to replace all street lights with standard galvanized steel poles (see image to right), LED lights and street address blades. The community has the option to upgrade to decorative street lights as a cost share between the City and property owners. Costs are determined based on options selected and property owners will be notified by local improvement notices sent via registered mail.



5a. Would you be **in support** of **upgrading to decorative street lights** in Strathcona? ____ Yes ____ No ____ Don't know/Unsure

Why or why not? _____

5b. If yes, please identify your preferences for the following:

Options	Preference (please select one for each option)
Pole Style  	<input type="checkbox"/> Octagonal Pole <input type="checkbox"/> Fluted Pole
Decorative Arm Style   	<input type="checkbox"/> Newport Arm <input type="checkbox"/> Scroll Arm <input type="checkbox"/> Heritage Arm
Pole Colour   	<input type="checkbox"/> Blue <input type="checkbox"/> Black <input type="checkbox"/> Dark Green

6. VISION AND GUIDING PRINCIPLES

Strathcona Neighbourhood Renewal

A vision statement summarizes the values and future that residents see for their community and guiding principles help to guide the design of the neighbourhood to meet that vision. Input gathered from public input helped to draft the following Vision and Guiding Principles.

Vision (Draft)

- Strathcona is a welcoming, inclusive and vibrant neighbourhood designed to safely and conveniently connect a diverse mix of residents and visitors to the local businesses and services, festivals, parks, and public spaces in all seasons.
- Strathcona's design encourages walking and biking in the community. Strathcona is known for its unique historic character and natural beauty and the design will preserve these qualities.
- Strathcona enjoys safe, attractive and inviting public spaces that strengthen our sense of community.

Guiding Principles (Draft)

- I. To prioritize cycle and pedestrian spaces, and connections to all neighbourhood amenities, following Vision Zero principles, while considering the needs of vehicle users.
- II. To provide infrastructure, street crossings and public spaces that are accessible and safe for all ages and mobility levels, and in all seasons.
- III. To enhance/establish public spaces and parks that provide opportunities for community gathering, recreation, resting spaces and public events.
- IV. To incorporate design elements that reflect, protect and preserve the neighbourhood's history and natural elements.
- V. To design safe, user-friendly roadways and intersections that reduce vehicle speeds and discourage shortcutting.
- VI. To provide residents and visitors with convenient access to buildings on residential streets.

6a. Do you **agree or disagree** with the draft **Vision and Guiding Principles** for the Strathcona Neighbourhood Renewal project?

_____ **Agree** _____ **Disagree** _____ **Don't Know/Unsure**

DEMOGRAPHIC INFORMATION

Finally, we would like to get a little more information about you. The answers to these questions will not be associated with the rest of the survey and are meant to help the City measure how inclusive engagement events are.

1. What is your gender identity?

- ☐ Female
- ☐ Male
- ☐ I identify as _____

2.. Household makeup

- Number of people living in your household? _____
- Number of children under 12 in the household? _____
- Number of people over the age of 65 in your household? _____

3. Are you a member of any of the following groups? (Please check all that apply)

- ☐ Visible minority
- ☐ Persons with disabilities
- ☐ Indigenous
- ☐ New to Canada
- ☐ None of these
- ☐ Other please specify

4. What is the highest level of education you have completed? Please select one response only.

- ☐ Elementary/grade school graduate
- ☐ High school graduate
- ☐ College / technical school graduate
- ☐ University undergraduate degree
- ☐ Post-graduate degree
- ☐ Professional school graduate (e.g. medicine, dentistry, veterinary medicine, optometry)
- ☐ Other please specify
- ☐ _____

5. What is your current employment status?

- ☐ High School Student
- ☐ Post Secondary Student
- ☐ Employed
- ☐ Unemployed
- ☐ Retired
- ☐ Permanently unable to work
- ☐ Other please specify
- ☐ _____

6. Which of the following categories best describes your total household income in 2016 before taxes? Please select one response only.

- ☐ Under \$20,000
- ☐ \$20,000 to \$29,999
- ☐ \$30,000 to \$39,999
- ☐ \$40,000 to \$49,999
- ☐ \$50,000 to \$59,999
- ☐ \$60,000 to \$79,999
- ☐ \$80,000 to \$99,999
- ☐ \$100,000 to \$149,000
- ☐ \$150,000 and over
- ☐ Other please specify
- ☐ _____

Thank you for your input!

Please ensure your completed surveys are returned by May 11, 2018.

Completed Surveys can be returned: via email to: becky.redford@edmonton.ca

in person to:

Strathcona Community League **OR** Strathcona Library
10139 87 Avenue 8331 - 104 Street

Your Future Engagement:

Would you like to be notified of the next opportunity to provide feedback?

- ☐ Yes
☐ No

If Yes, please provide us with:

Name: _____

Email Address: _____

OR

Sign up for project updates at edmonton.ca/buildingstrathcona

This information is being collected in accordance with 33(c) of the *Freedom of Information and Protection of Privacy (FOIP)* Act and will be used for the administration of Building Great Neighbourhoods Strathcona Neighbourhood Renewal Project, including the providing responses to residents' inquiries or comment and to provide updates regarding the project. It is protected by the privacy provisions of F.O.I.P. If you have any questions about the collection and use of your personal information, contact Becky Redford at 780 496-4887, 8th floor Century Place 9803 - 102A Avenue, Edmonton, AB T5J 3A3 or becky.redford@edmonton.ca.