

122 Avenue Collector Concept Plan

107 Street to Fort Road



Open House Presentation

TRANSPORTATION PLANNING | November 24, 2015

Edmonton

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Welcome and Introductions





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Overview

- ❖ Project Purpose
- ❖ Meeting Purpose
- ❖ Project Objectives
- ❖ Work Completed to Date
- ❖ Share Draft Concept Plan
- ❖ Next Steps



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Project Purpose

To develop a **Concept Plan** for 122 Avenue between 107 Street and Fort Road, which passes through five neighbourhoods:

- ❖ Westwood
- ❖ Delton
- ❖ Alberta Avenue
- ❖ Eastwood
- ❖ Elmwood Park



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Meeting Purpose

- ❖ Provide a summary of work completed to date
- ❖ Share results of public and stakeholder input from Phase 1
- ❖ Present the draft concept plan for 122 Avenue
- ❖ Answer questions about the draft concept plan
- ❖ Gather your feedback on the draft concept plan



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Project Objectives

- ❖ Accessibility and efficient movement of people
- ❖ Consistent roadway and sidewalk widths
- ❖ Improvement of pedestrian crossings
- ❖ Enhanced sidewalk and bus stop connections
- ❖ Streetlight renewal and upgrades
- ❖ Operational and safety improvements



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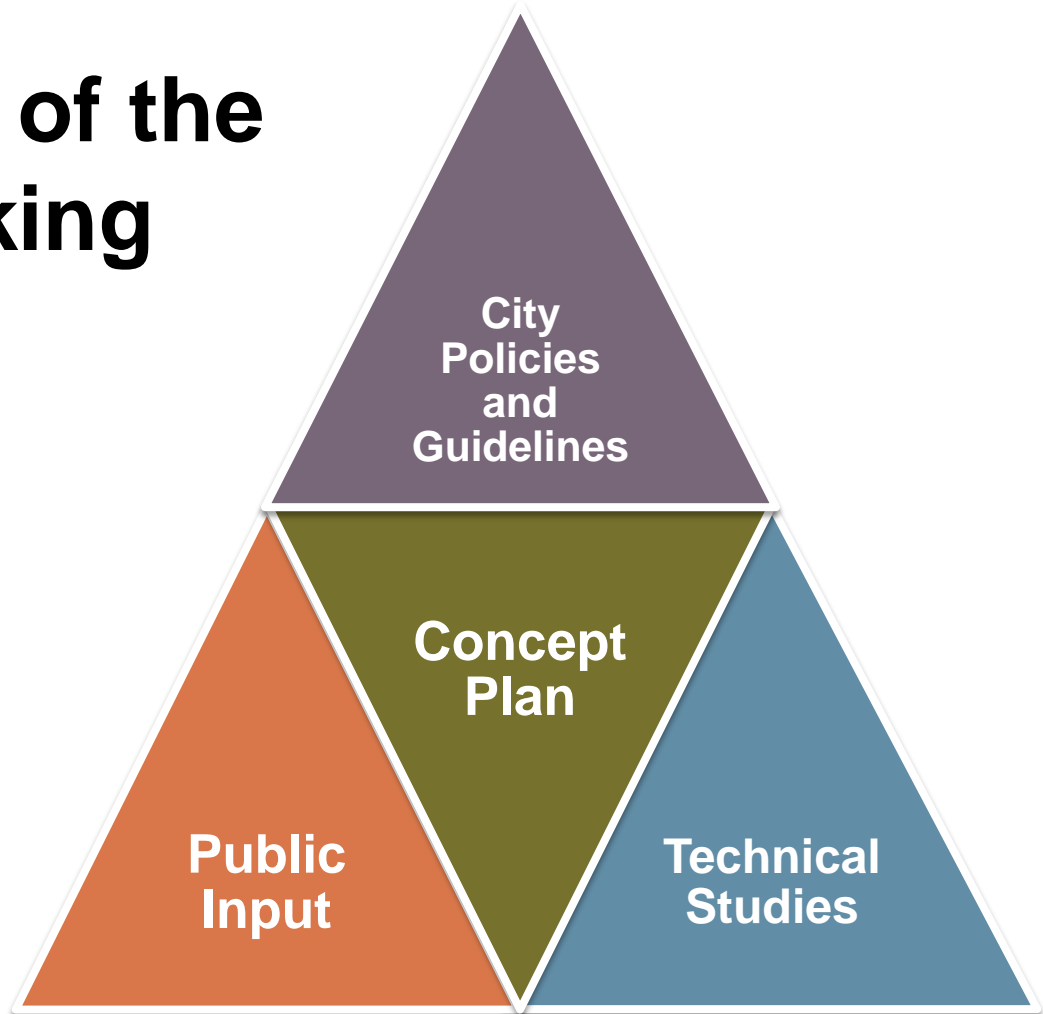
Work Completed to Date

- ❖ Background information gathering
- ❖ Issues and opportunities identification
- ❖ Traffic analysis and option development
- ❖ Share draft concept plan (**TODAY**)

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Components of the Decision Making Process






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Bylaws and Policies

- ❖ **Public Involvement Policy (2006)**
- ❖ **Sidewalk Strategy (2008)**
- ❖ **The Way Ahead (2009-2018)**
- ❖ **The Way We Move (2009)**
- ❖ **Complete Streets Guidelines (2013)**

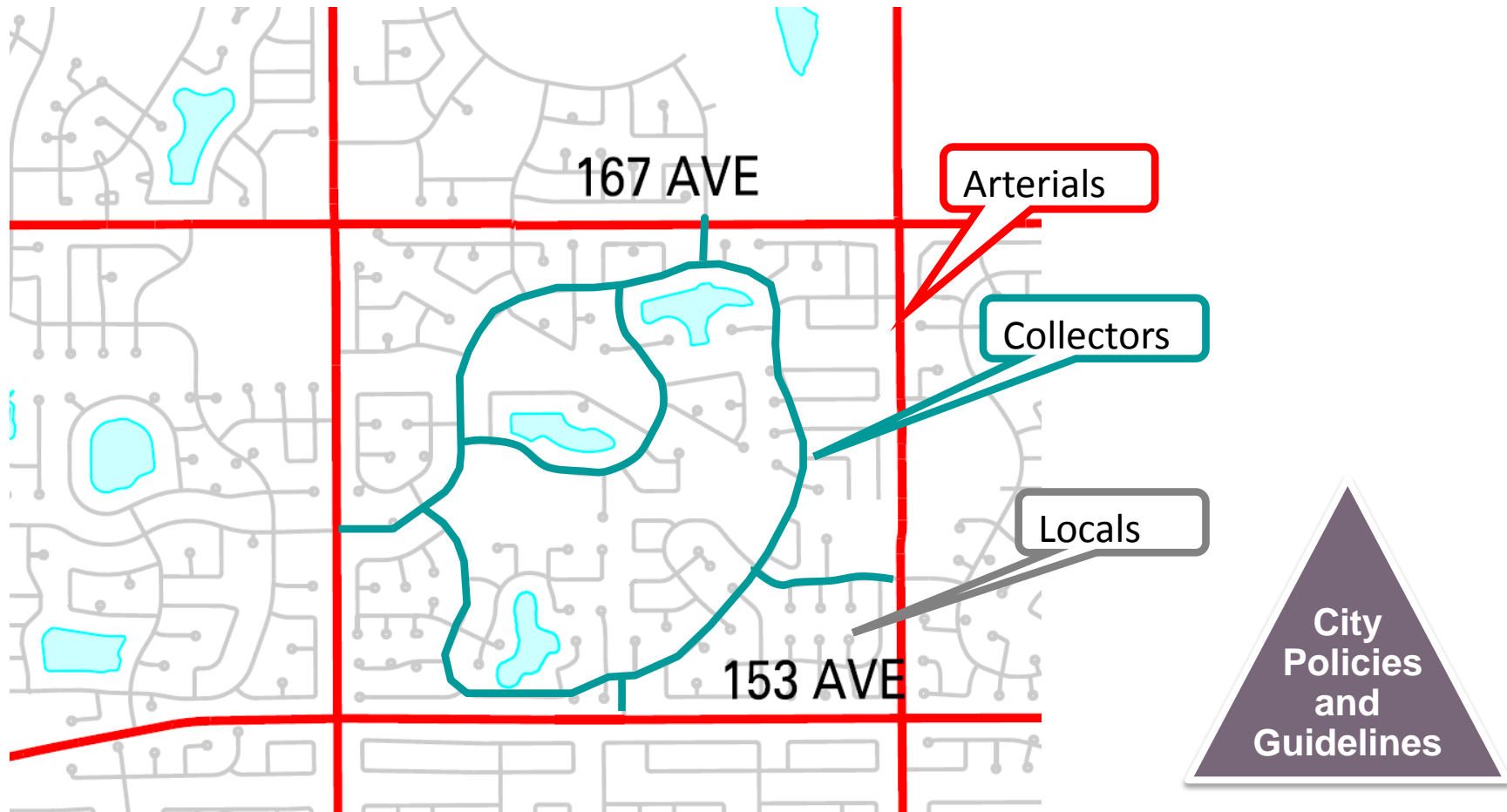


City
Policies
and
Guidelines

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Roadway Classification



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Roadway Design Standards

City
Policies
and
Guidelines



Collector Road (11.5 m)



Local Road (9.0 m)



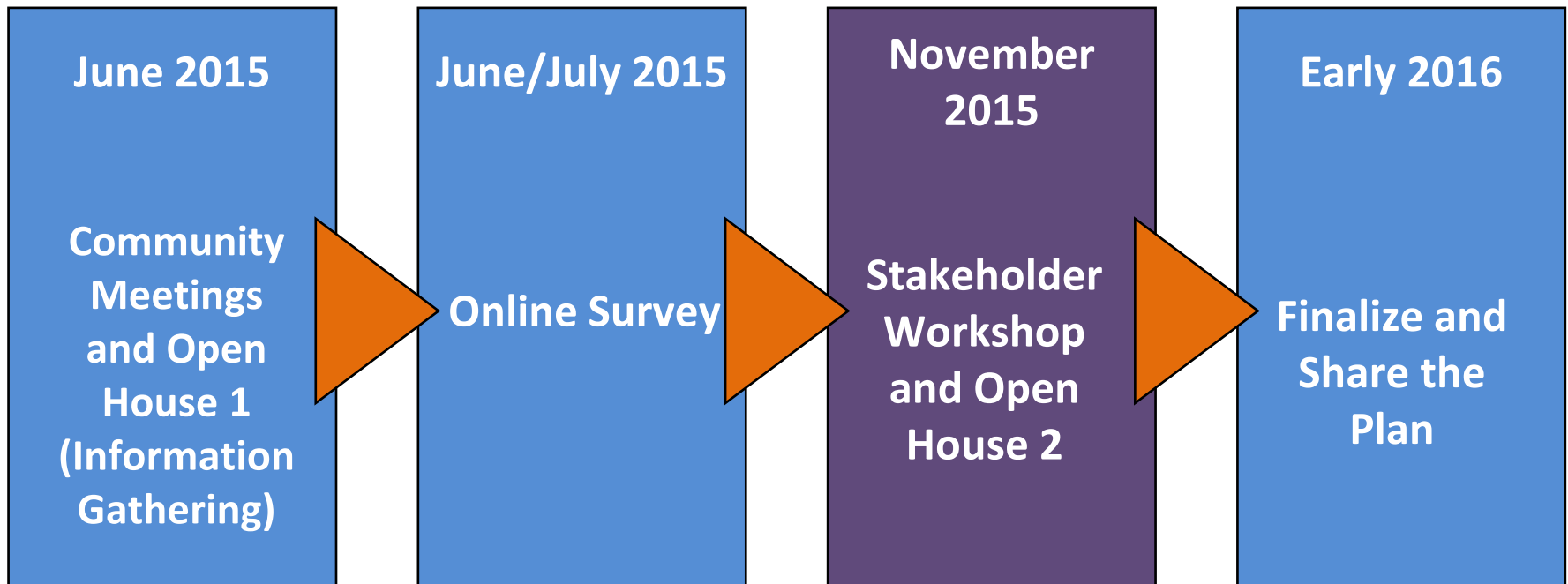
Arterial Road (min 13.9 m)



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Public Involvement Process





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What We Heard

- ❖ Speeding and shortcutting
- ❖ Pedestrian safety
- ❖ Intersection congestion
- ❖ Better sidewalk and streetlight facilities
- ❖ Protect mature trees
- ❖ On-street parking issues
- ❖ Access concerns



Public
Input



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Technical Studies

- ❖ **Collision Analysis**
- ❖ **Traffic Analysis**
- ❖ **Operational Analysis**



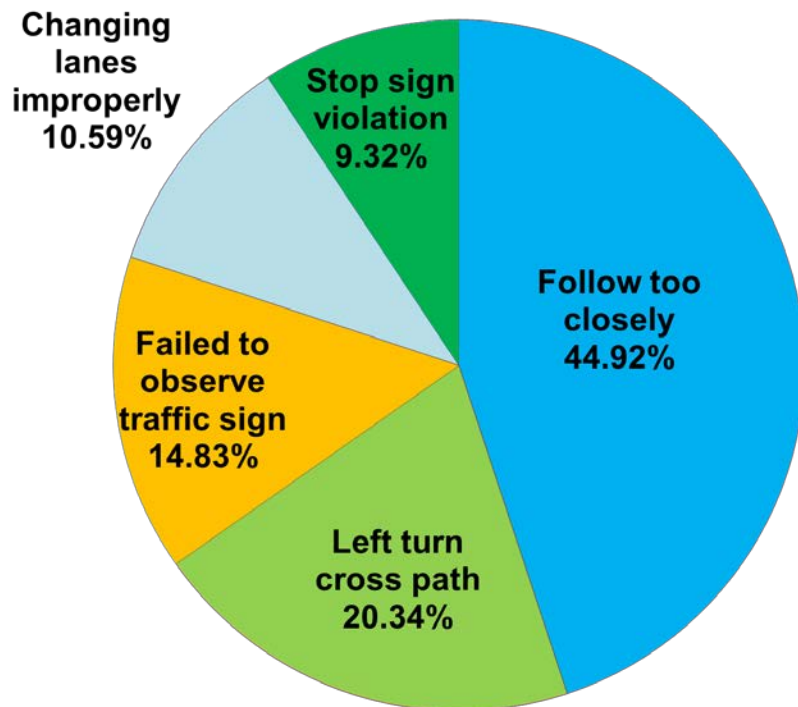
Technical
Studies

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Collision Analysis

Collisions by Top 5 Causes



❖ There were 251 collisions along the corridor between 2010 and 2014

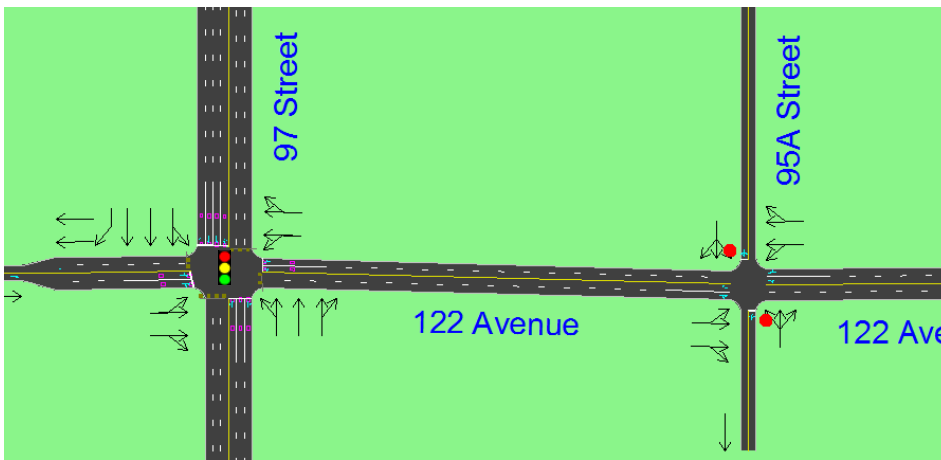
❖ The cause of approximately 45% of collisions is *“followed too closely”*

Technical
Studies

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Traffic Analysis



Analysis software

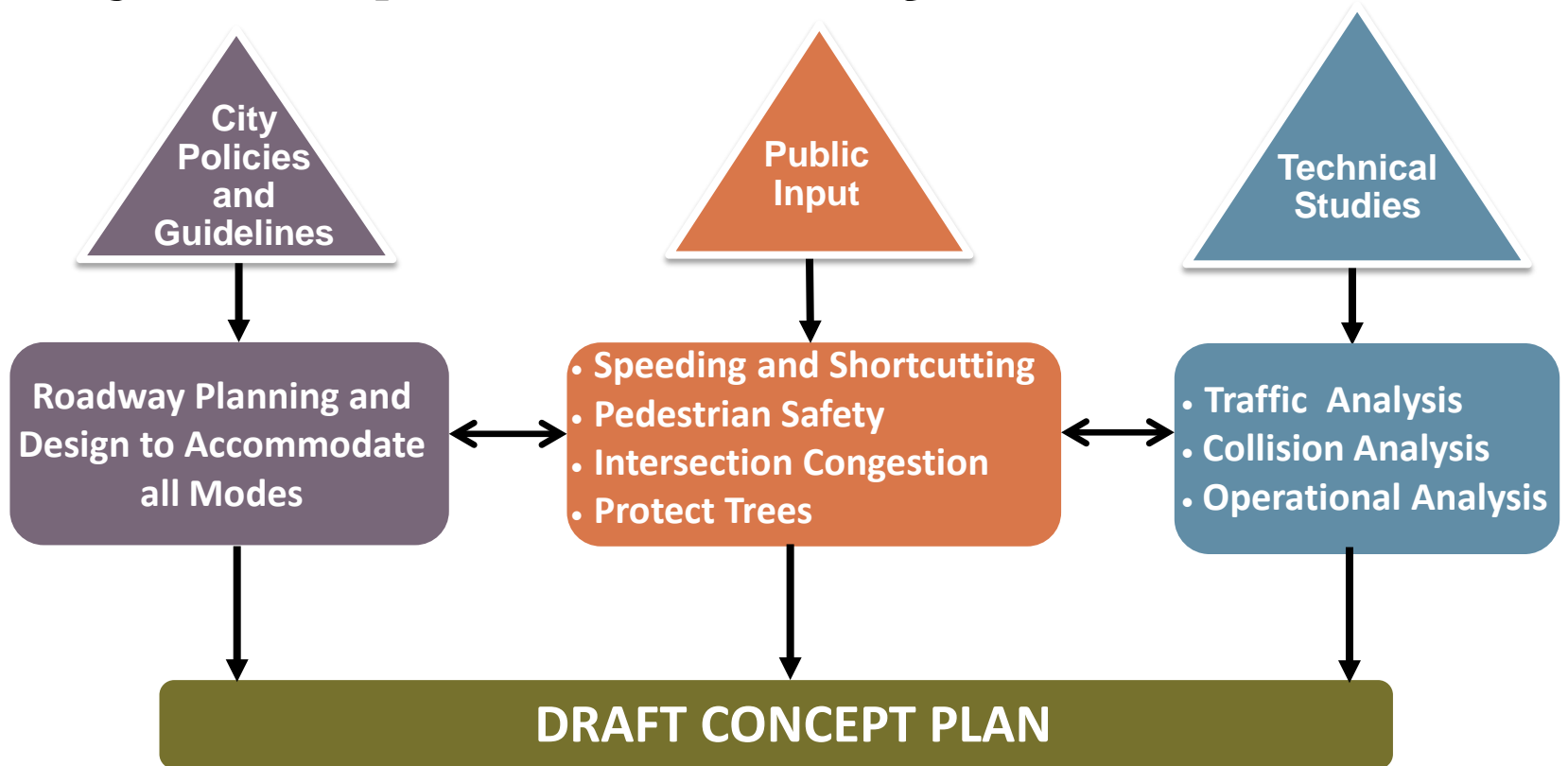
- ❖ Existing traffic volumes and future growth analyzed
- ❖ Traffic signal phasing at 97 Street and 82 Street optimized to improve traffic flow

Technical
Studies

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Project Input Summary



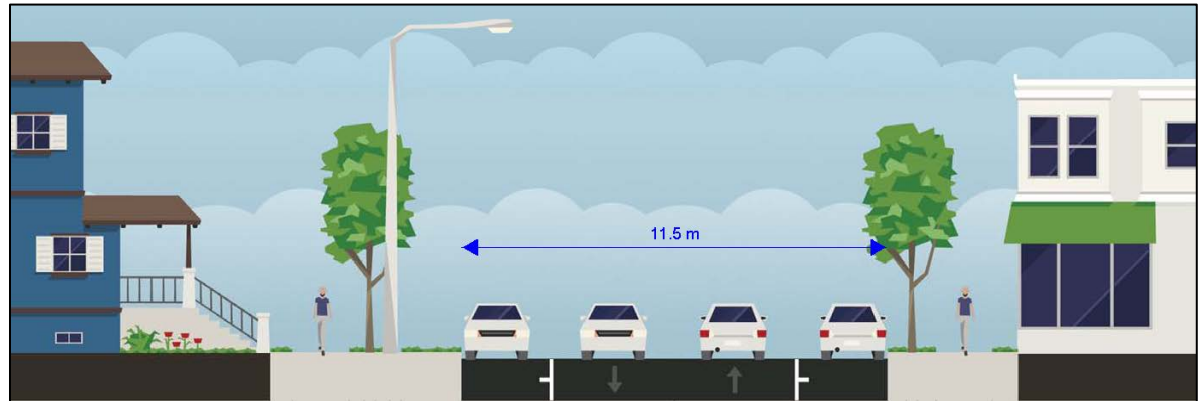
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Highlights of Proposed Plan

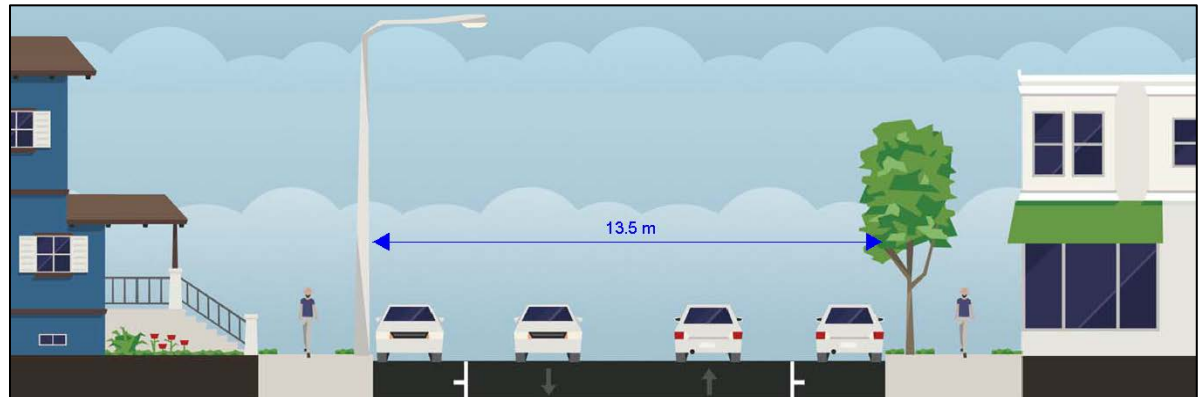
Proposed: 11.5m

- Wider boulevard on north side
- Narrow roadway for speed compliance



Existing: 13.5m

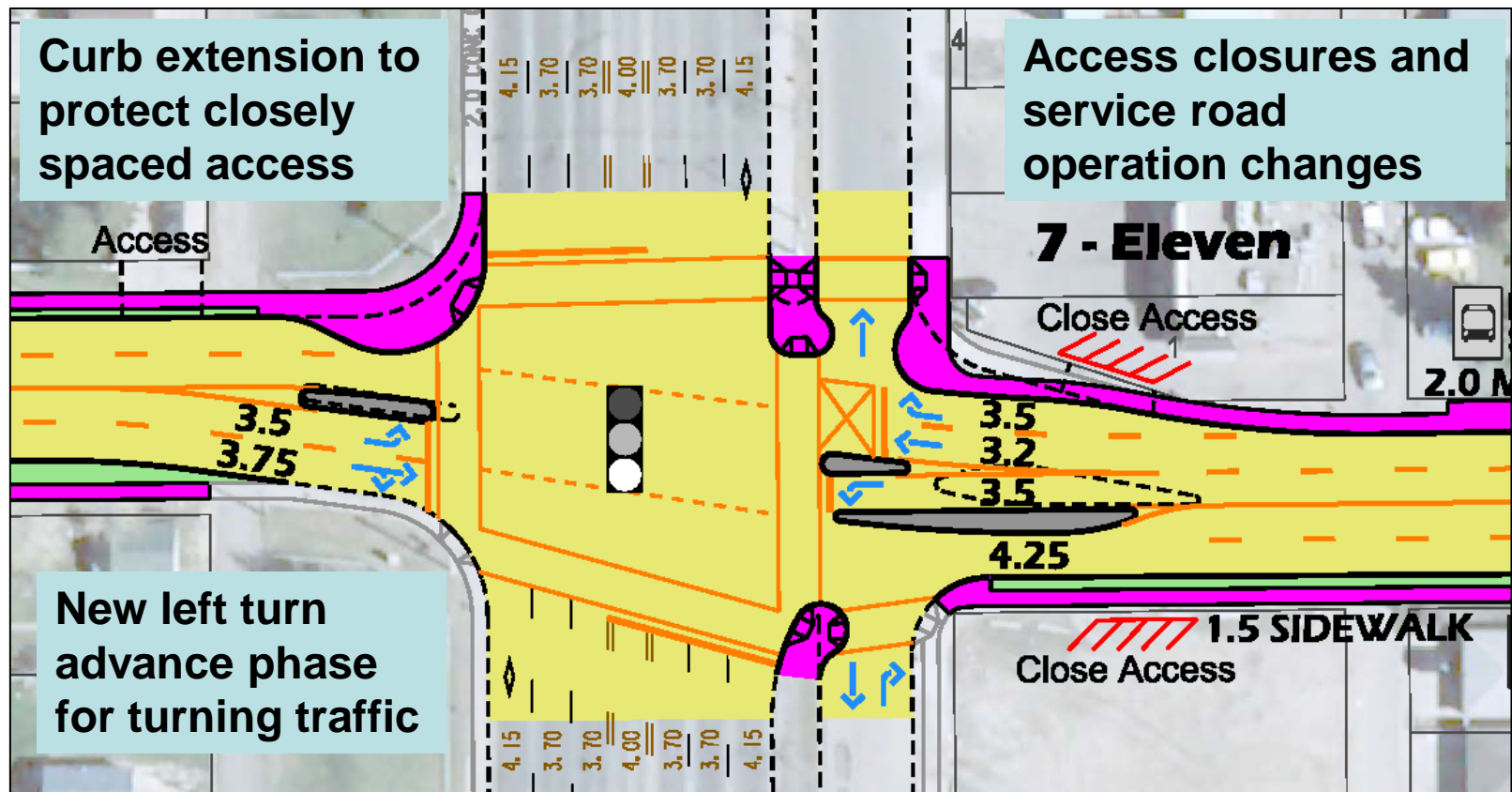
- Larger crossing distance for peds
- Wide roadway allows speeding



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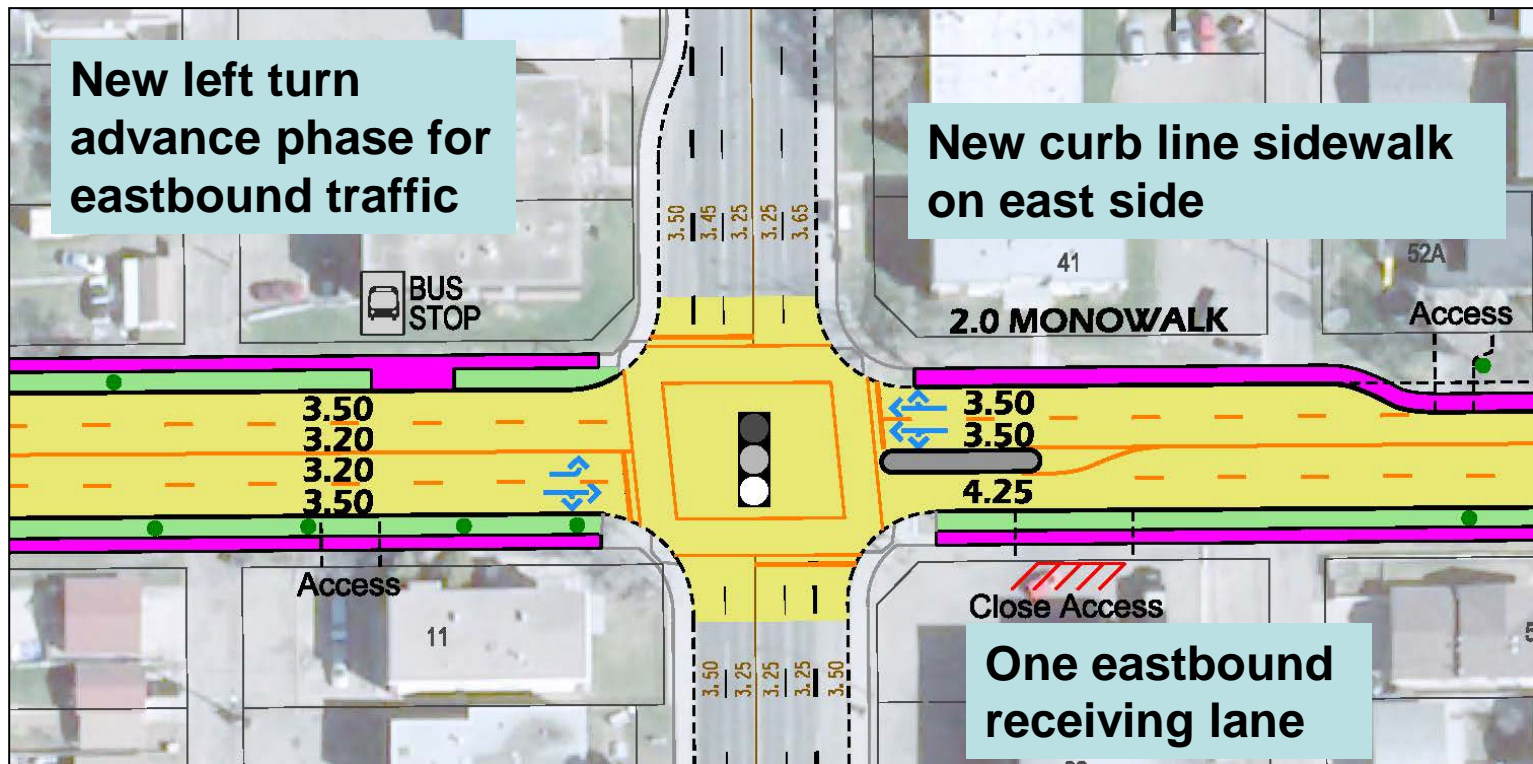
97 Street Intersection Improvements



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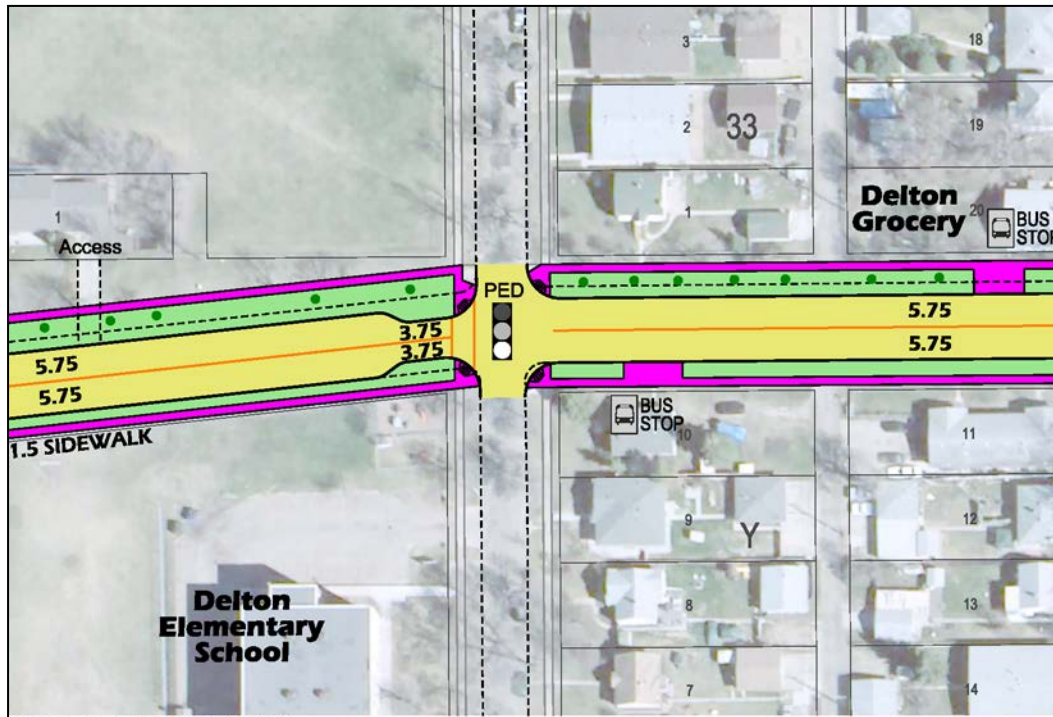
82 Street Intersection Improvements



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Crossing Improvements



Curb Extensions at 89 Street

Curb Extensions reduce the crossing distance for pedestrians and slow vehicles down at crossing locations

Curb Extensions are proposed at locations with higher volumes of pedestrian activity:

- 105 Street
- 83 Street
- 89 Street
- 81 Street
- 85 Street

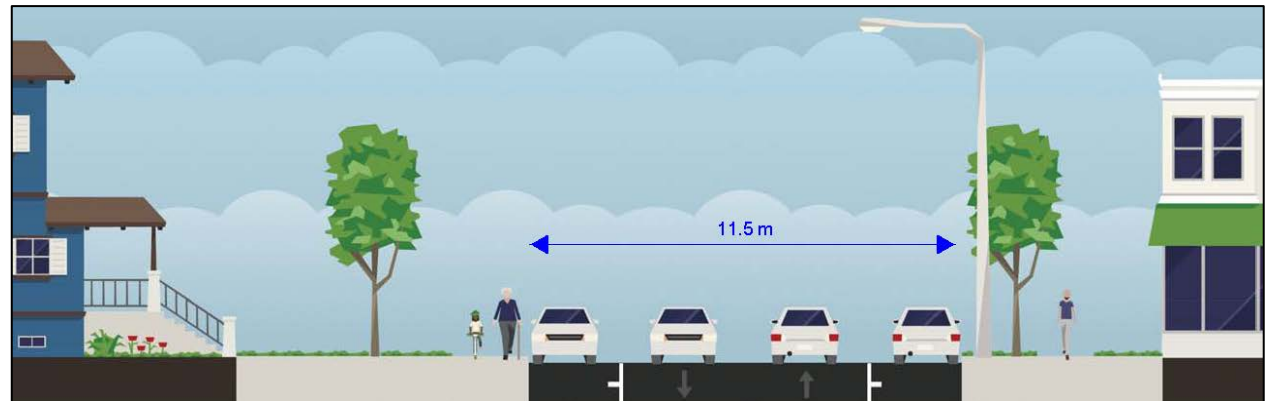
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82 Street to Fort Road Options

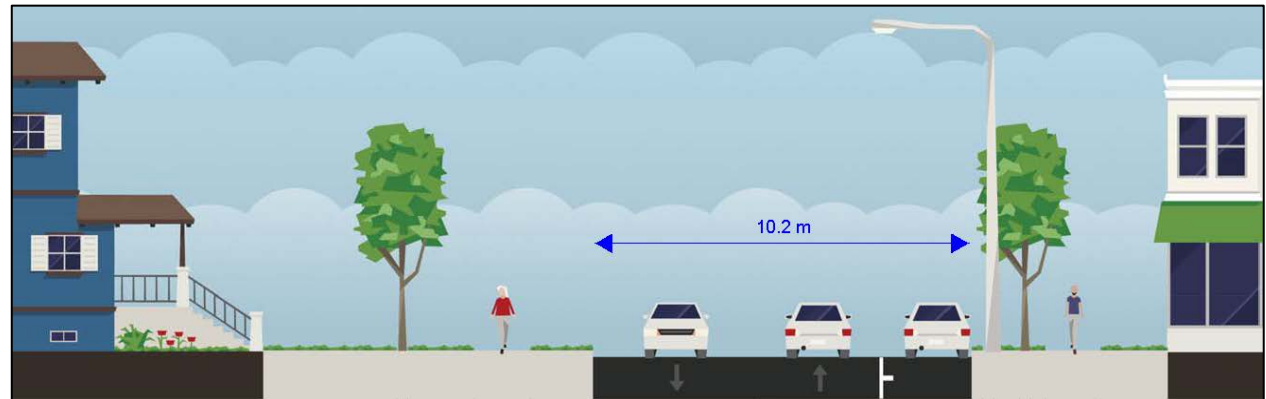
Option A (11.5m):

- Curb line sidewalk on north side
- Parking on both sides



Option B (10.2m):

- Boulevard sidewalk on north side
- No parking on north side

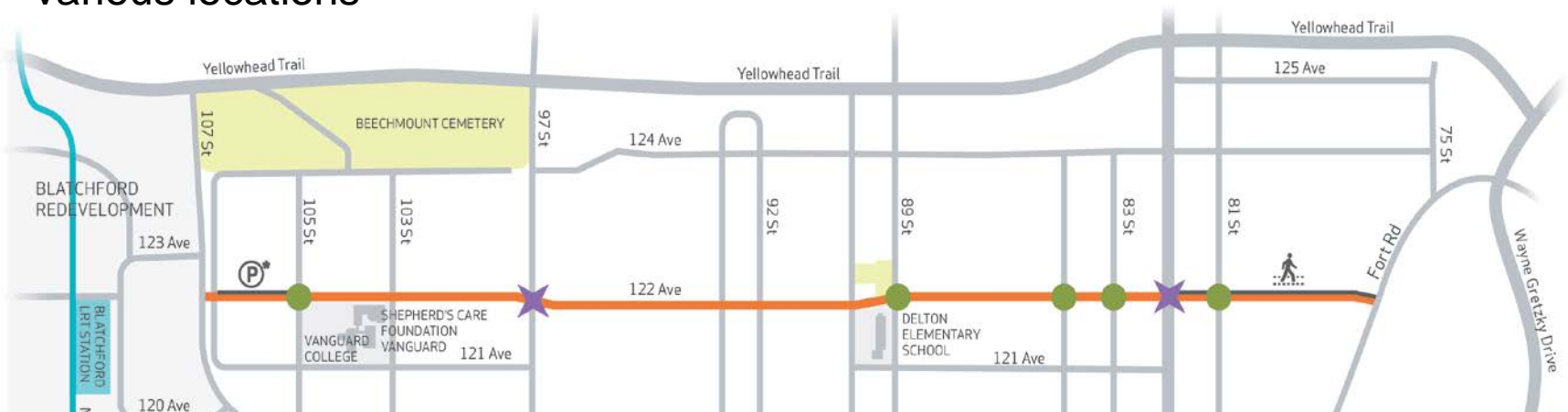


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Summary of Proposed Improvements

- ❖ Roadway will be repaved, and sidewalks/streetlights will be replaced
- ❖ Roadway will be narrowed to 11.5m from 13.5m to increase north side boulevard
- ❖ Mature trees will not be impacted and new trees will be planted where possible
- ❖ Sidewalk will be added on north side between 82 Street and Fort Road
- ❖ Intersection improvements at 82 Street and 97 Street and curb extensions at various locations





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Next Steps

1. Refine concept plan based on tonight's feedback.
2. Finalize and share the recommended plan by early 2016
3. Preliminary/Detailed Design phase 2016-2017.
4. Tentative schedule for construction 2017-2018.



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Please Provide Your Feedback

THANK YOU FOR ATTENDING!

- Tonight we are seeking your feedback on the draft concept plan.
- Comment forms are available at the door for you to complete.
- Your feedback will help to refine the draft concept plan.

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Questions?

