



# WELCOME

122 Avenue: 107 Street to Fort Road

**Collector Concept Plan**

April 27, 2016

5:00–8:00 p.m.

Edmonton

# 122 Avenue Collector Concept Plan

## Background

- ❖ 122 Avenue is an important east-west connection and transit corridor that provides access to five residential neighbourhoods between 107 Street and Fort Road.
- ❖ 122 Avenue (between 107 Street and Fort Road) is anticipated for reconstruction in 2017-2019. This will include the complete removal and reconstruction of the roadway, curbs, gutters, sidewalks, bus stops and streetlights.





# 122 Avenue Collector Concept Plan

## What We Heard

The project team met with stakeholders and held two Public Events with an online survey to gather information from residents and commuters.

Concern Raised	Proposed Corridor Improvements
Speeding and Shortcutting	Narrow roadway to slow vehicles down and prevent shortcutting from arterial roadways
Pedestrian Safety	Increase boulevard width and enhance pedestrian crossings for locations which were identified as unsafe or difficult to use
Intersection Congestion	Geometric improvements to 97 Street and 82 Street configuration and traffic signal phasing changes
Mature Trees along Corridor	Existing trees will not be removed or relocated by the proposed roadway upgrades. Minor impacts may occur during construction, which will be monitored by Urban Forestry.
On-Street Parking	Due to the Collector classification of 122 Avenue, on-street parking must be maintained along the corridor. Changes to parking west of 105 Street will include time restrictions



# 122 Avenue Collector Concept Plan

## Recommended Corridor Improvements



Wide roadway  
allows speeding and  
shortcutting

Large crossing distance  
for pedestrians and  
cyclists

Wider boulevard for  
pedestrian comfort,  
snow storage and trees

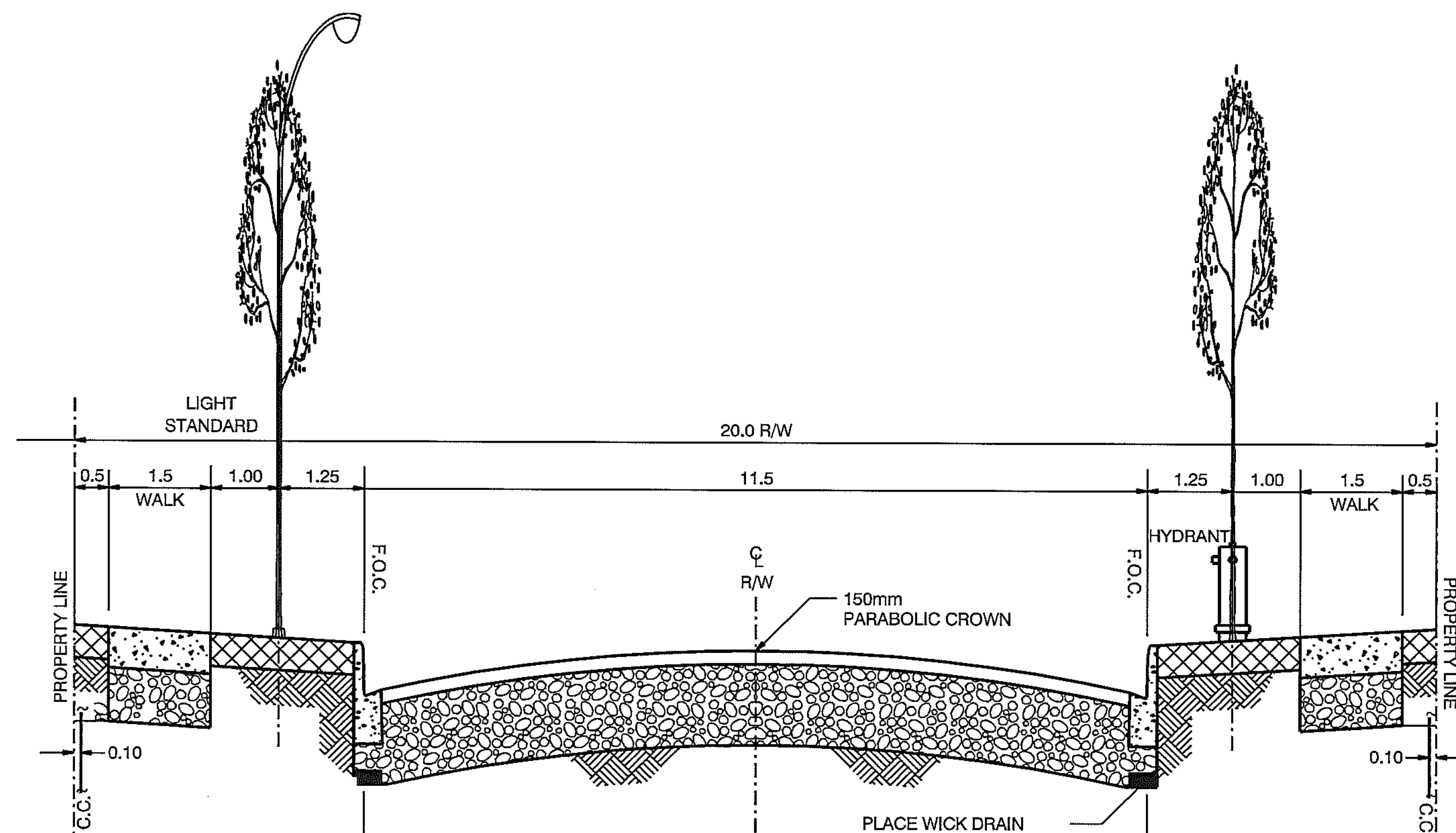
Current standard  
collector roadway  
width encourages  
lower speeds



# 122 Avenue Collector Concept Plan

## Current City Standards

- ❖ The 2012 City design guidelines use a 11.5m width for residential collector roadways.
- ❖ This width allows enough space for two-way operations and parking on both sides.



Standard cross section drawing



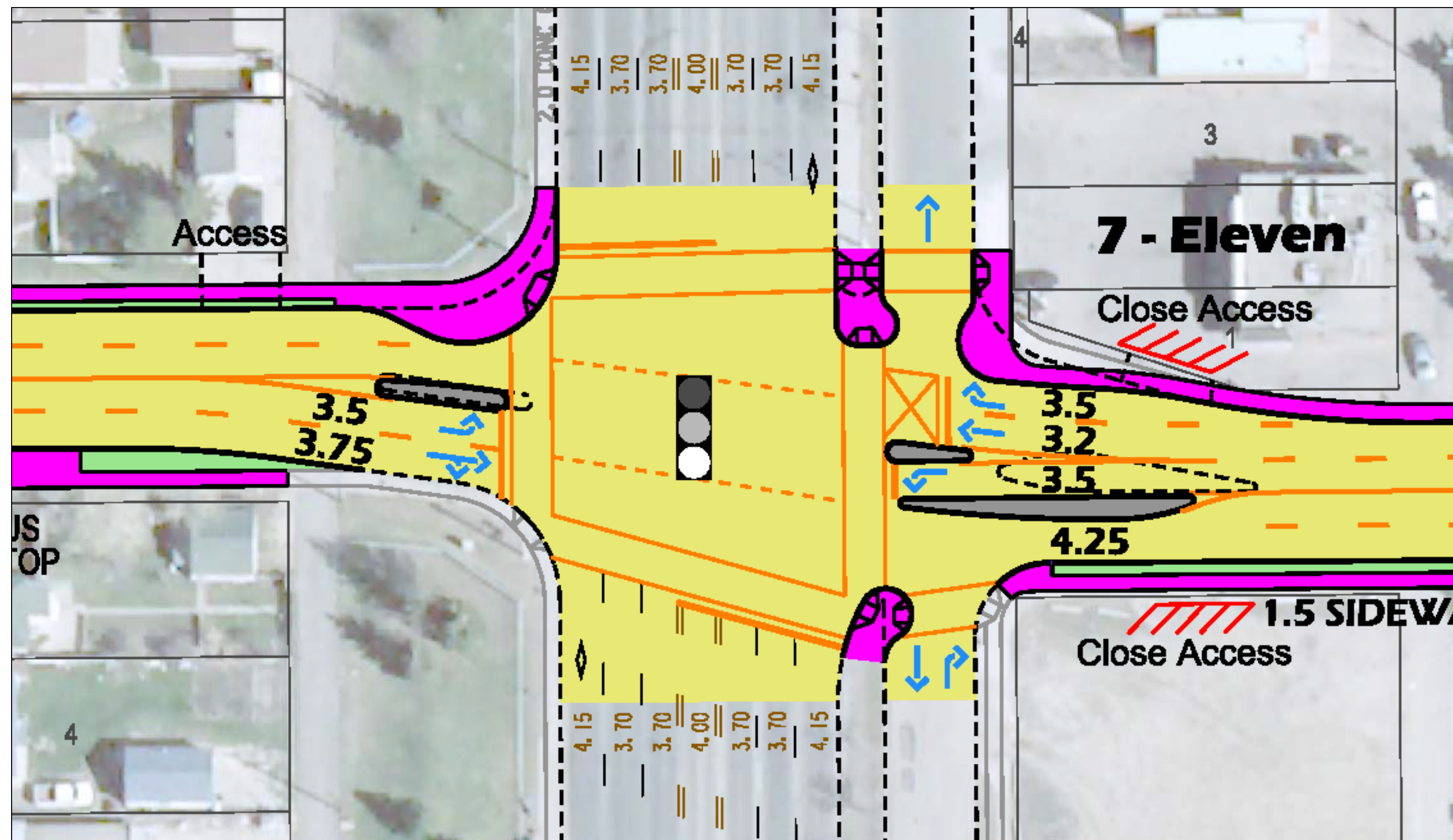
Example standard cross section



# 122 Avenue Collector Concept Plan

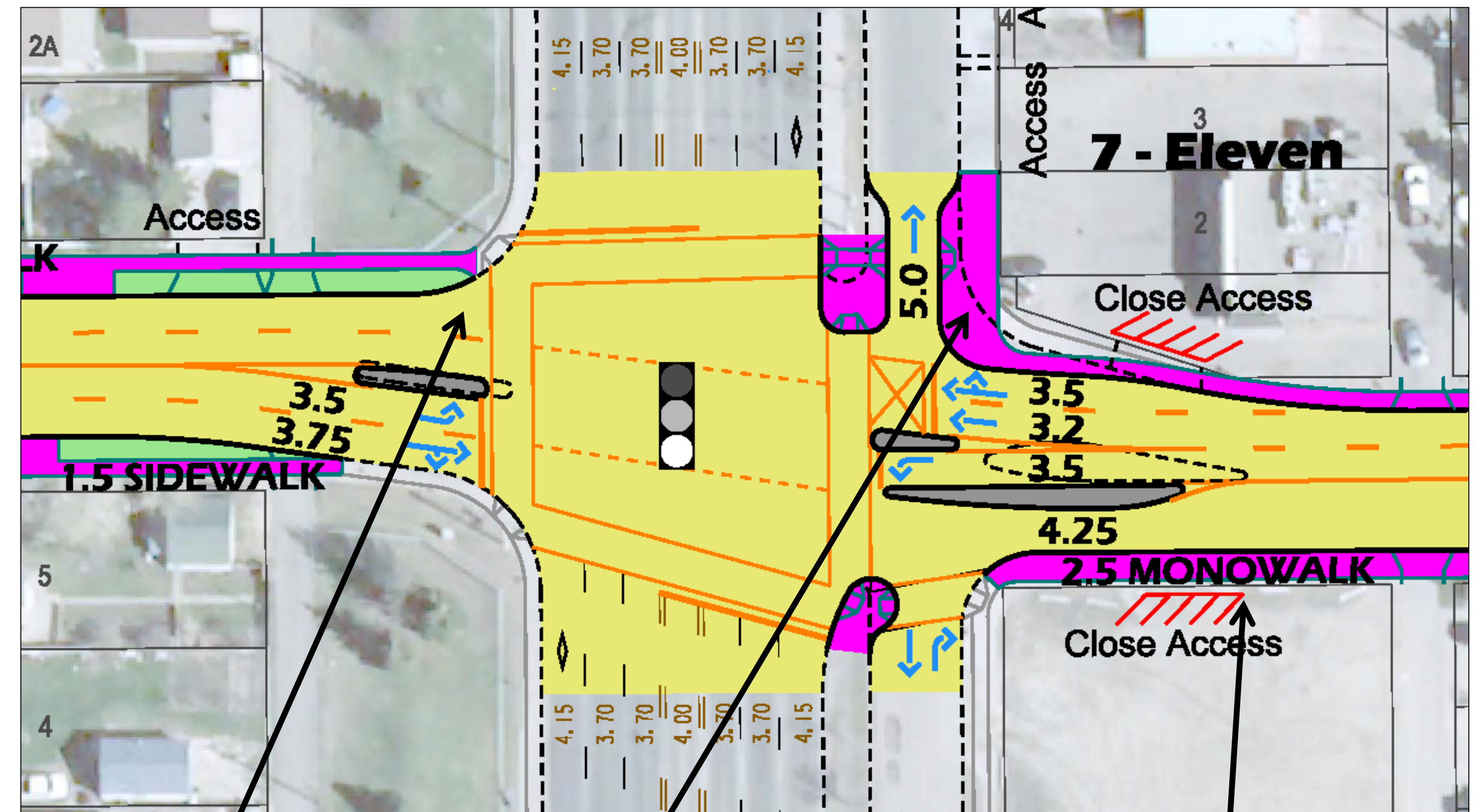
## 97 Street Intersection Improvements

Proposed Design Option: November 2015



The recommended changes increase intersection safety and enhance traffic flow

Recommended Design



Curb extension removed to allow southbound to westbound bus movements

Curb extension extended to better define new one-way operations and shorten crossing distance

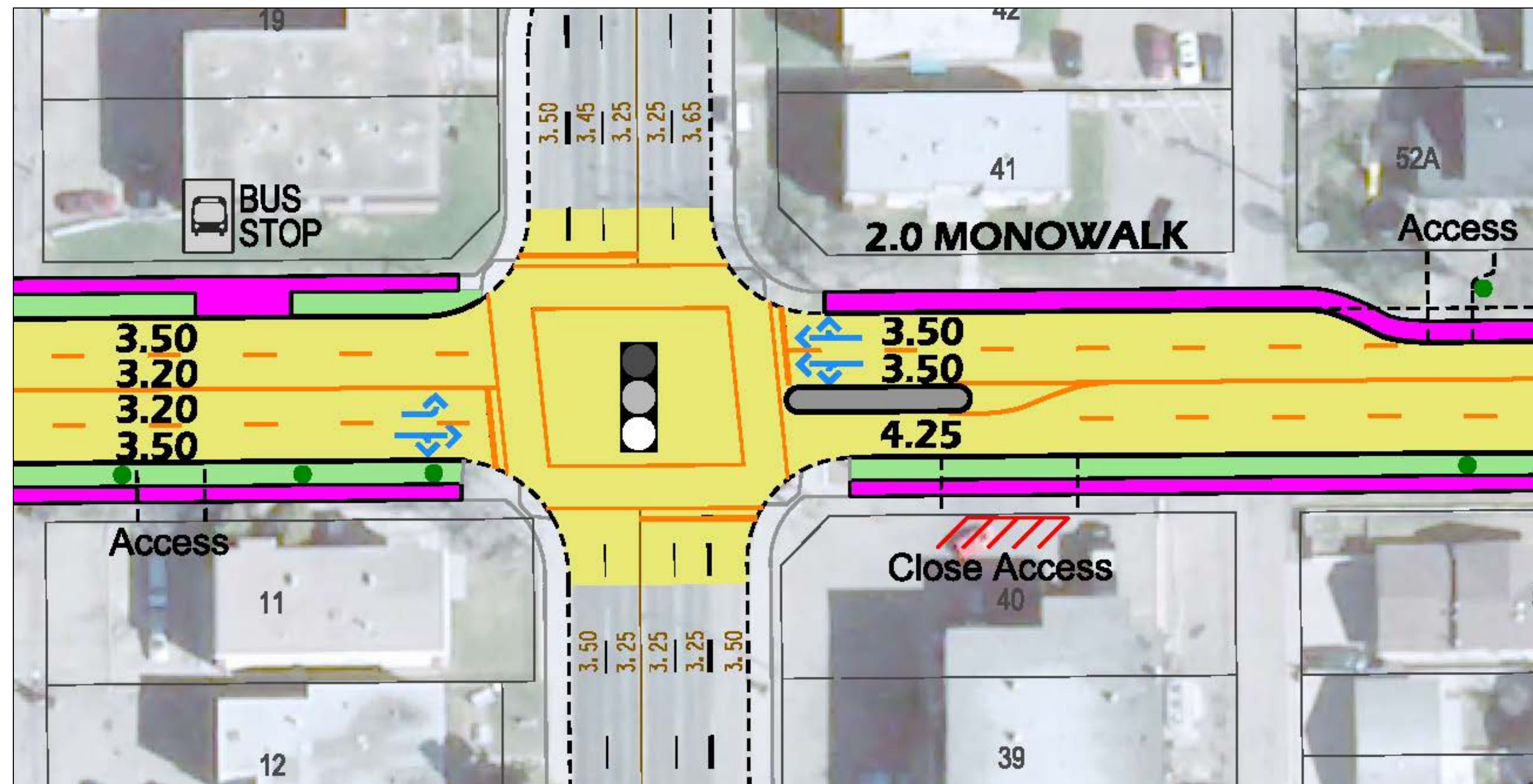
Sidewalk widened and boulevard removed to increase safety for transit riders and pedestrians



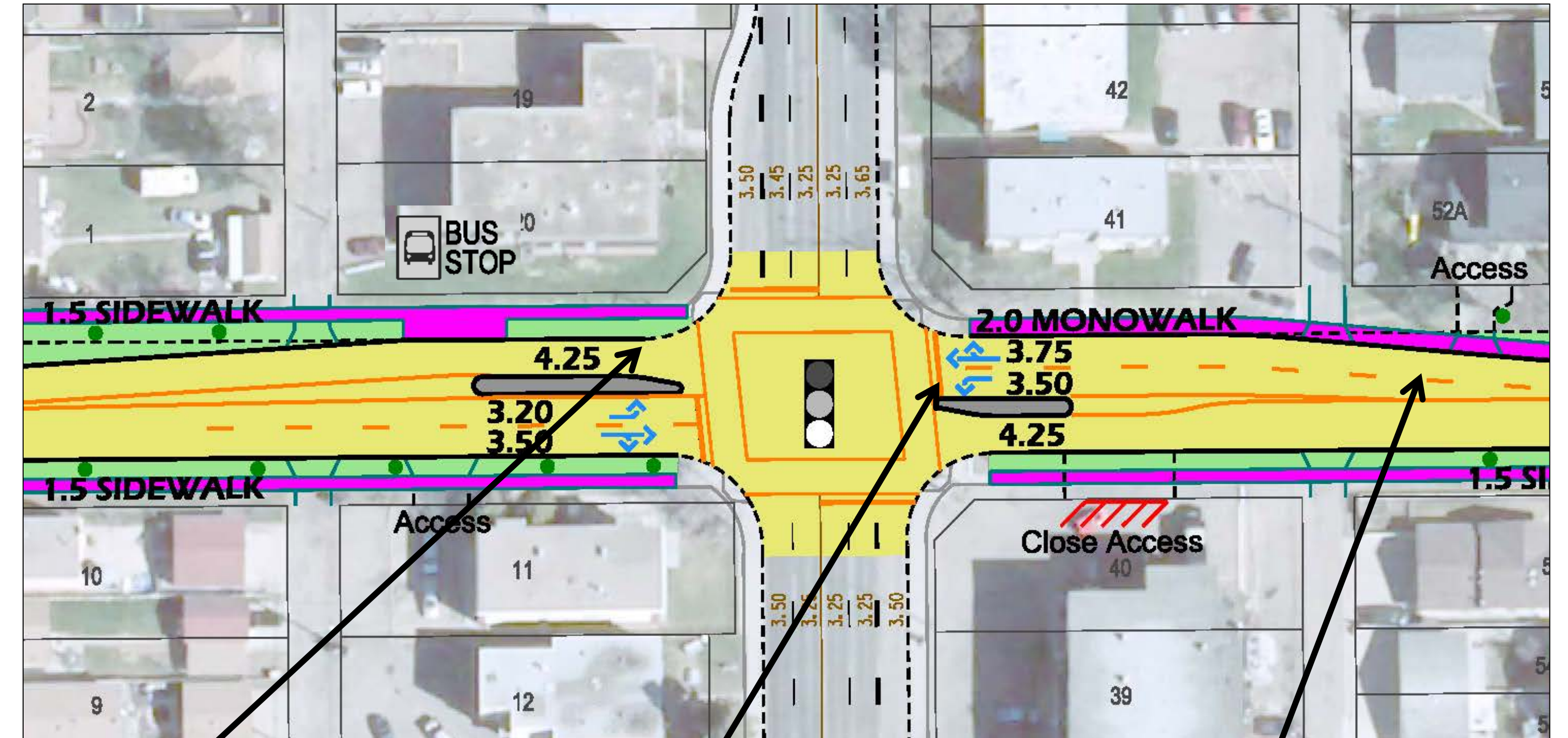
# 122 Avenue Collector Concept Plan

## 82 Street Intersection Improvements

Proposed Design Option: November 2015



Recommended Design



The recommended changes increase intersection safety and aim to reduce shortcutting

Single westbound receiving lane to discourage shortcutting

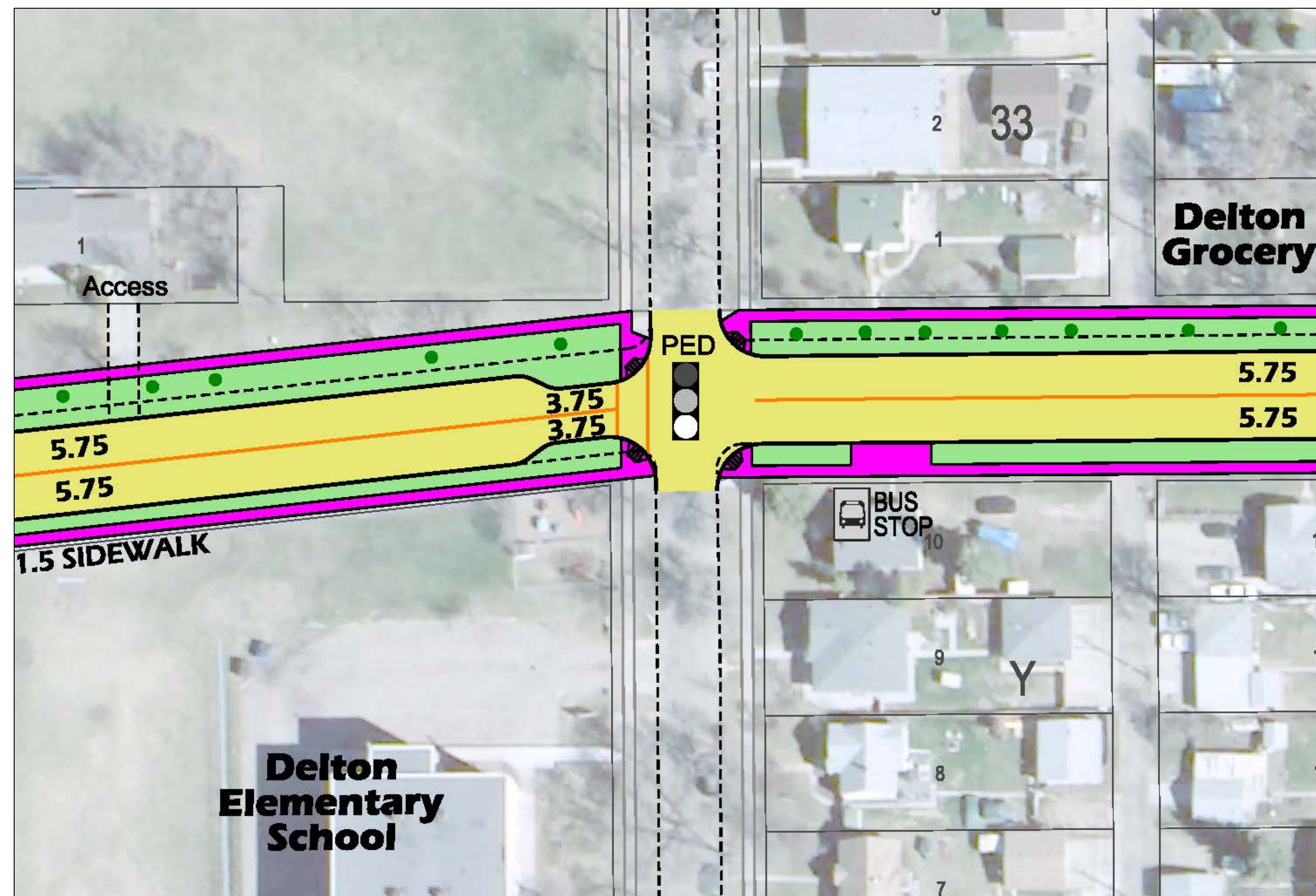
Left turn only lane introduced to allow east and west advance signal

Lane transition smoothed to guide drivers to through lane



# 122 Avenue Collector Concept Plan

## Crossing Improvements



**Curb Extensions at 89 Street**

**Curb Extensions** reduce the crossing distance for pedestrians and slow vehicles down to increase crossing safety

**Curb Extensions** will be added at locations with higher volumes of pedestrian activity, and to aid in transitions to major intersections:

- 105 Street
- 104 Street
- 101 Street
- 96 Street
- 89 Street
- 85 Street
- 83 Street



# 122 Avenue Collector Concept Plan

## Improvement Summary

- ❖ Roadway will be repaved, and sidewalks/streetlights will be replaced
- ❖ Roadway will be narrowed to current City standards (11.5m from 13.5m) to increase north side boulevard
- ❖ Mature trees will not be impacted and new trees will be planted where trees are missing, if possible
- ❖ Sidewalk will be added on north side between 82 Street and Fort Road
- ❖ Curb extensions and intersection improvements (see map below for locations)







# 122 Avenue Collector Concept Plan

## Project Timeline

- ❖ Concept Plan Development: 2015
- ❖ Concept Plan Completion: Early 2016
- ❖ Preliminary/Detailed Design Phase: 2016-2017
- ❖ Tentative Scheduled Construction: 2017-2019

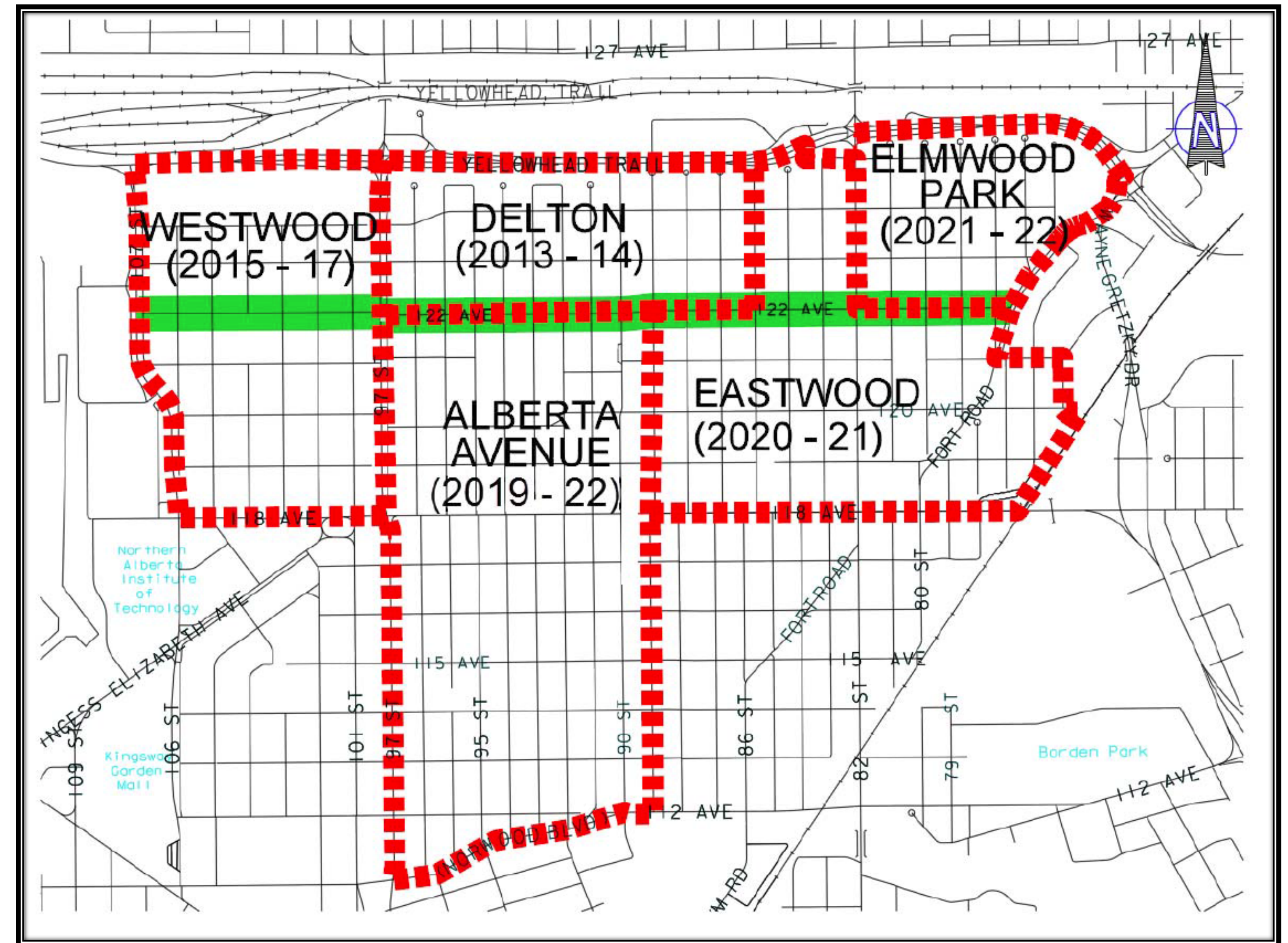




# 122 Avenue Collector Concept Plan

## Neighbourhood Renewal Schedule

- ❖ The Neighbourhood Renewal program began with Delton in 2013 and will continue with the reconstruction of the remaining neighbourhoods through 2022.
- ❖ 122 Avenue reconstruction will be completed separately from the Neighbourhood Renewal process.







# 122 Avenue Collector Concept Plan

# THANK YOU

Please provide any final comments on the recommended concept plan and complete a comment form. Comment forms can be left at the front desk tonight, or completed online at the project website: [edmonton.ca/122AveCollectorPlan](https://edmonton.ca/122AveCollectorPlan)

## Project Manager

**Satya Gadidasu, P.Eng**

City of Edmonton

780-496-2407

[satya.gadidasu@edmonton.ca](mailto:satya.gadidasu@edmonton.ca)

The logo for the City of Edmonton, featuring the word "Edmonton" in white text on a dark blue square background.