



# 127 Street Collector Concept Planning Open House

## Stony Plain Road to 118 Avenue



June 17, 2015

Edmonton



# Agenda

- Welcome and Introduction
- Project Overview
- Where We Are Now
- What We Heard
- Key Design Elements
- Design Options



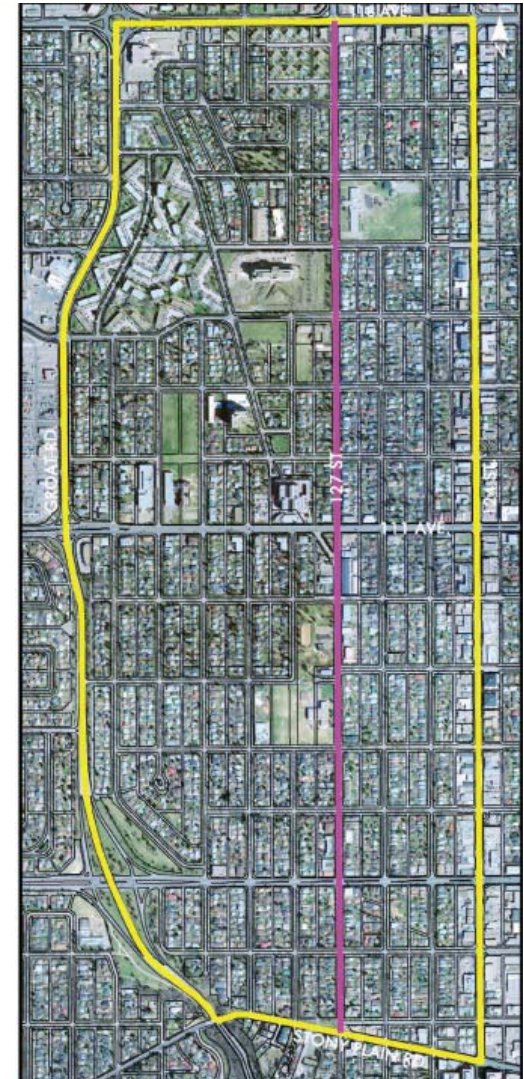
# Welcome and Introductions

- Project Team
- Stakeholders



# Project Overview

- 127 Street corridor given special attention as part of the Westmount Neighbourhood Renewal Complete Streets Pilot Project
- As part of the Neighbourhood Renewal Program, 127 Street will be constructed as follows:
  - Stony Plain Road to 111 Avenue: 2017 (Westmount)
  - 111 Avenue to 118 Avenue: 2019 – 2022 (Inglewood)







# Project Overview

- 127 Street (Stony Plain Road to 118 Avenue)
  - Collector road
  - 1 travel lane northbound; shared-use lane for cyclists and motorists
  - Vehicle parking on the east side
  - Contra-flow bike lane for southbound cyclists on the west side
  - 50 km/hr speed limit
  - School zones with 30 km/hr speed limit



# Project Overview

## ➤ Daily Traffic Volumes

- Approximately 800 vehicles per day north of 105 Avenue
- Approximately 2,300 vehicles per day south of 117 Avenue



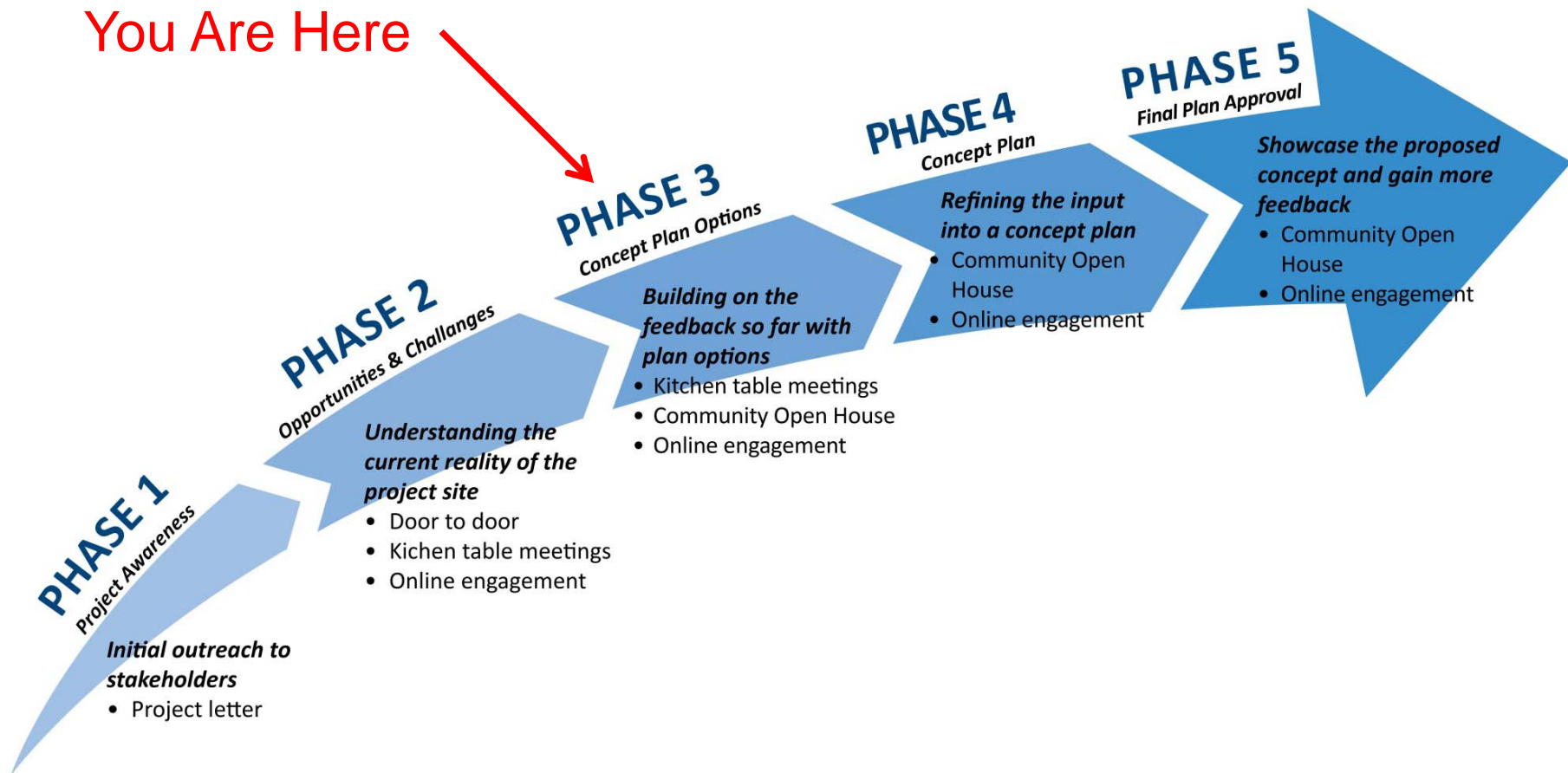
# Project Overview

- Speed Survey Results

Location	Average Speed (km/hr)	85 %-ile Speed (km/hr)
North of 105 Avenue	42	50
North of 108 Avenue	43	53
North of 109A Avenue	46	56
North of 112 Avenue	46	54
North of 116 Avenue	50	58

# Where We Are Now

You Are Here







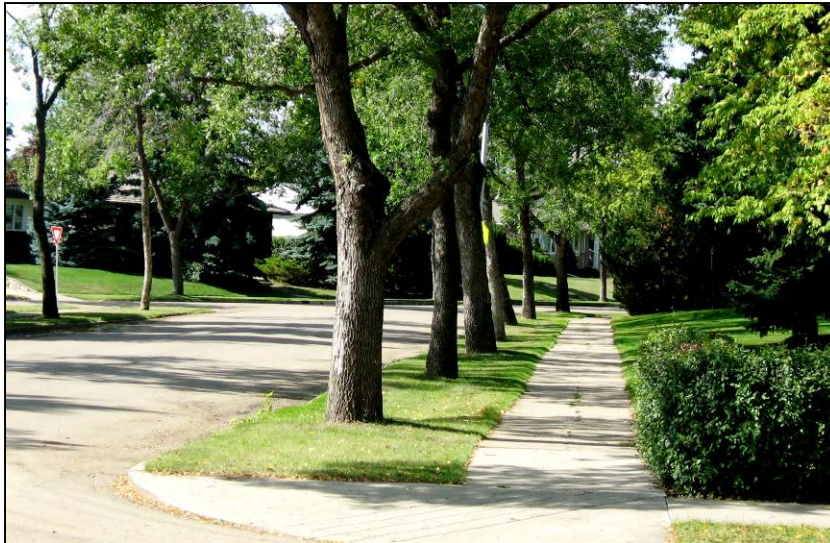
# What We Heard

- Need for traffic calming
- Enhanced walkability and bikeability
- Retain the one-way road
- Strengthen neighbourhood heritage and sense of community
- Preserve trees



# Complete Streets

- One size does not fit all
- Considers the area around the street
- All users are accommodated



# Key Design Elements

## ➤ Cycle Track

- Cyclists physically separated from vehicle traffic
- Consistent bike facility for two-way cycling
- Improved maintenance of bike lanes
- Median width allows for narrowing of travel lanes, which may reduce vehicle speeds





# Two-way Cycle Track





# Key Design Elements

## ➤ Curb Extensions

- Place the pedestrian in the driver's "cone of view" and reduces the crossing distance for pedestrians
- Reduces the lane width, which may reduce vehicle speeds
- Encourages slower turning speeds
- Localized loss of on-street parking
- May impede cyclists





# Curb Extensions



# Key Design Elements

## ➤ Traffic Circles

- Reduces vehicle speeds
- Addresses 4-way stop violations
- Requires cyclists to take the lane through the circle
- Increases walking distance for pedestrians crossing the road







# Traffic Circle





# Design Options

- Combining the Key Design Elements:
  - Cycle Track and Curb Extensions
  - Traffic Circles, Bike Lanes and Curb Extensions
  - Status Quo with Enhancements



# Cycle Track and Curb Extensions







# Thank You

- Please complete and return the comment form
- Online survey is available until June 30, 2015 at:

**[www.edmonton.ca/127StCollectorPlan](http://www.edmonton.ca/127StCollectorPlan)**

**Thank you for your participation!**