

# 127 Street Planning Study

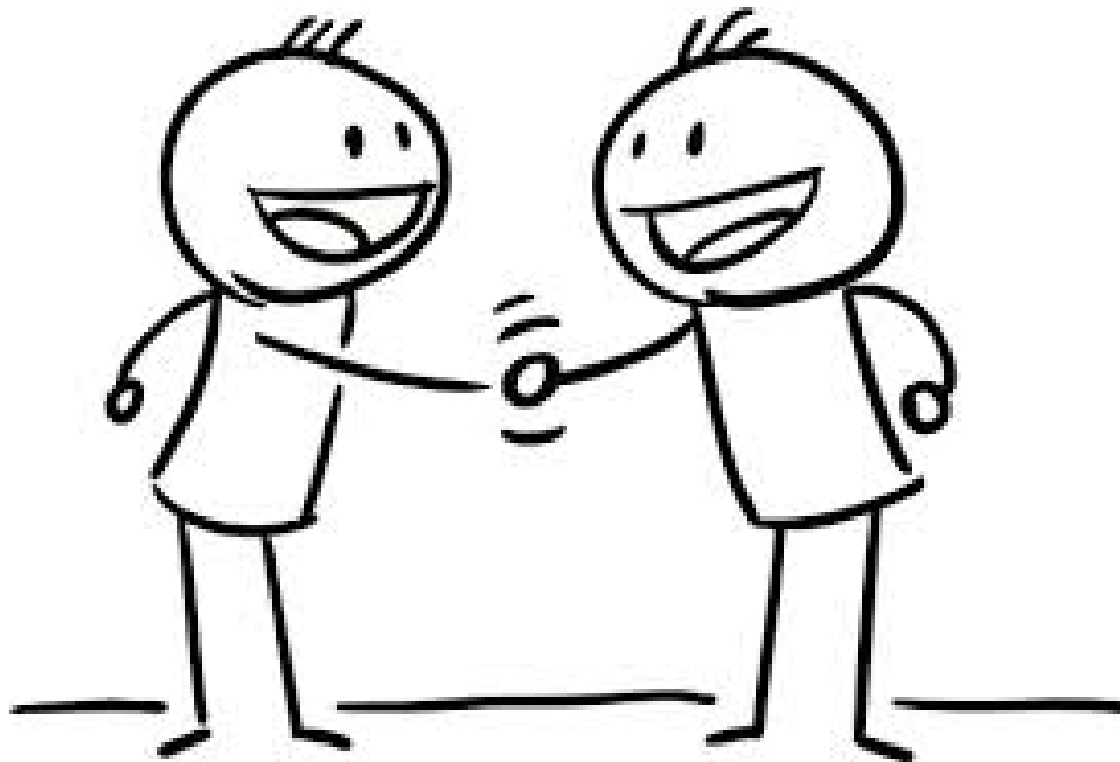
118 Avenue to Yellowhead Trail

## Open House

October 16, 2014



# Welcome and Introductions





# Agenda

- About the project
- Public Involvement
- Option Development
- Next Steps
- Questions

# Project Purpose

- 127 Street, from 118 Avenue to Yellowhead Trail, is scheduled for **road reconstruction in 2016**.
- The planned road renewal project allows us to explore the current and long term needs of the corridor through the completion of a **concept planning study**.
- The planning study considers all methods of travel:
  - Cars
  - Cycling
  - Walking
  - Transit





# Project Location



## Context

- Residential Neighbourhoods
- Commuter, Bike & Transit Route
- Other Area Plans
- Neighbourhood Renewal
- Community Traffic Management Plan

# Constraints

Intersection at 118 Avenue

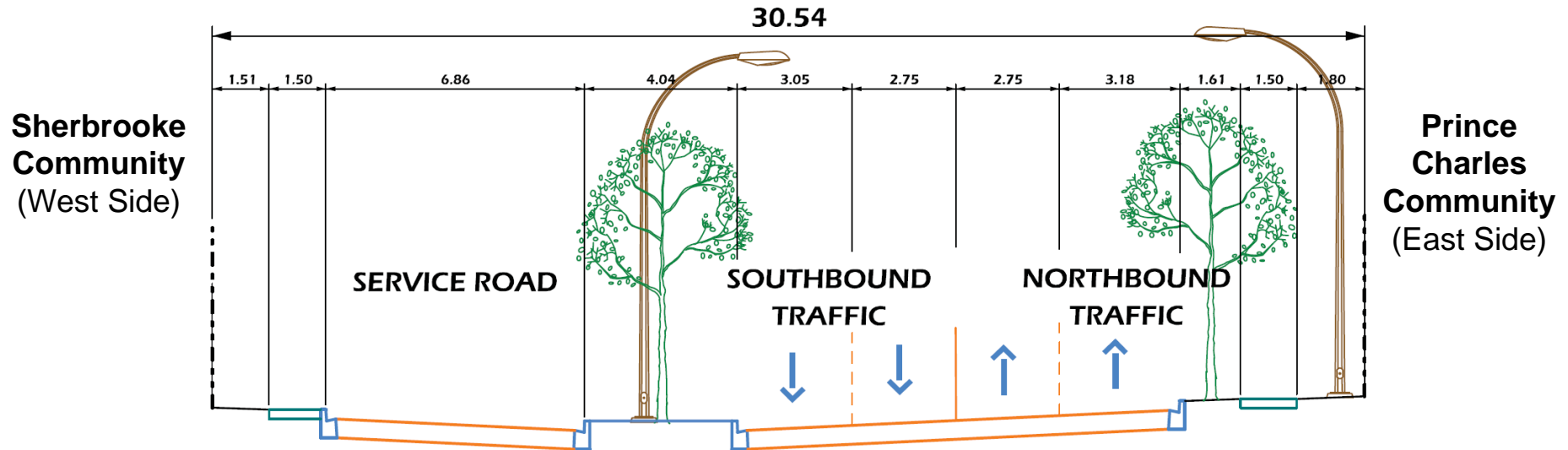


Mature Trees  
Narrow Lanes



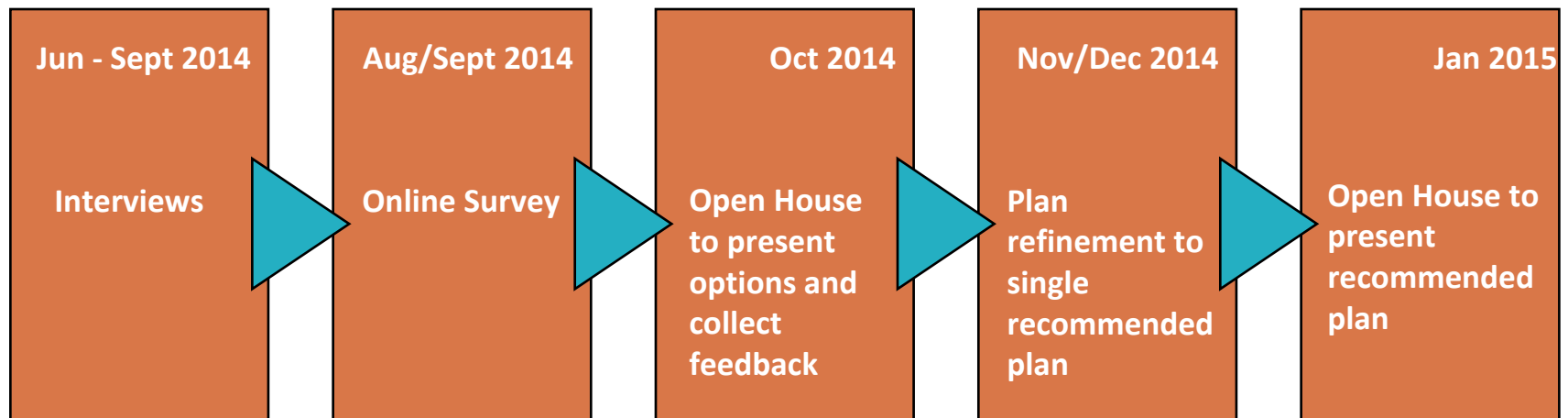
Service Road

# What exists today?





# Public Involvement

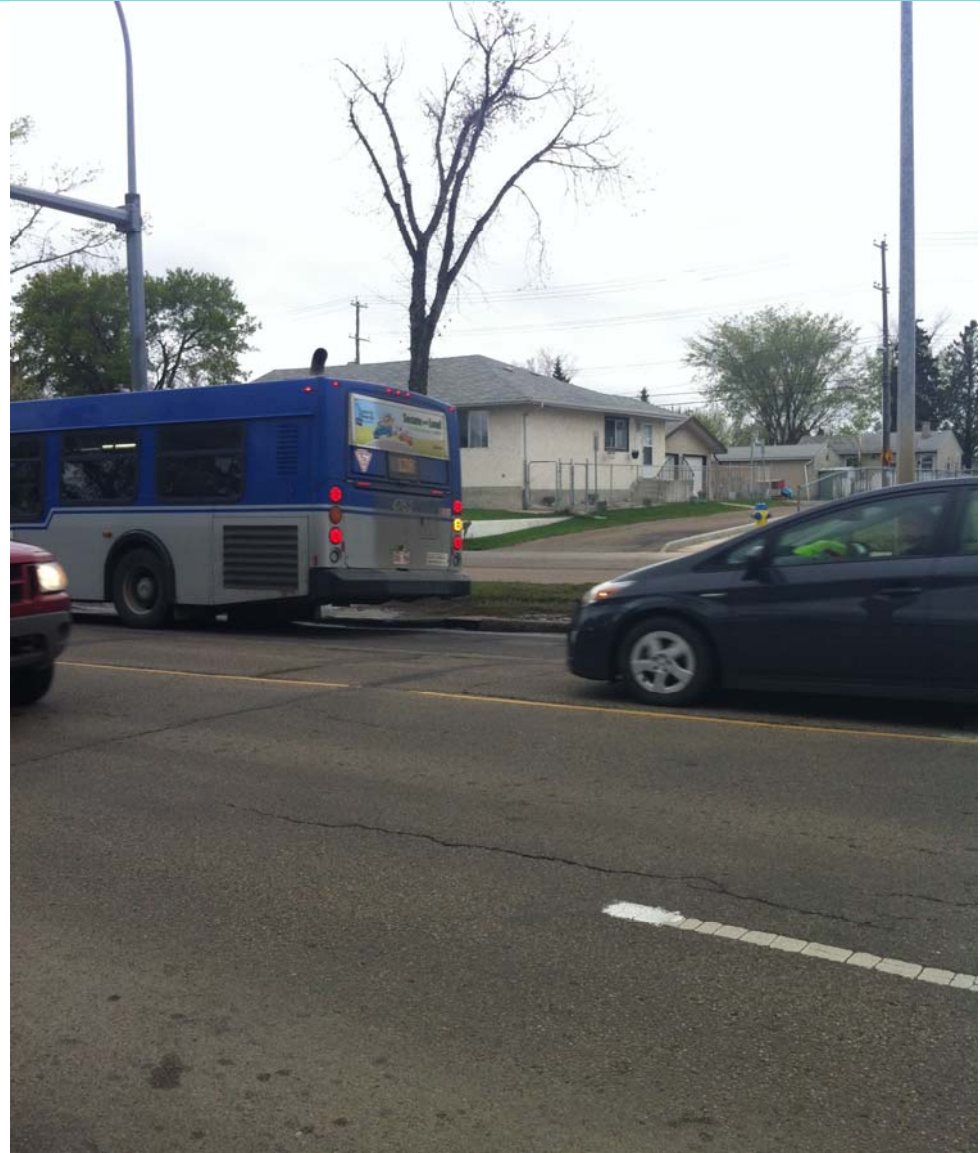


We are  
here



# What We've Heard So Far

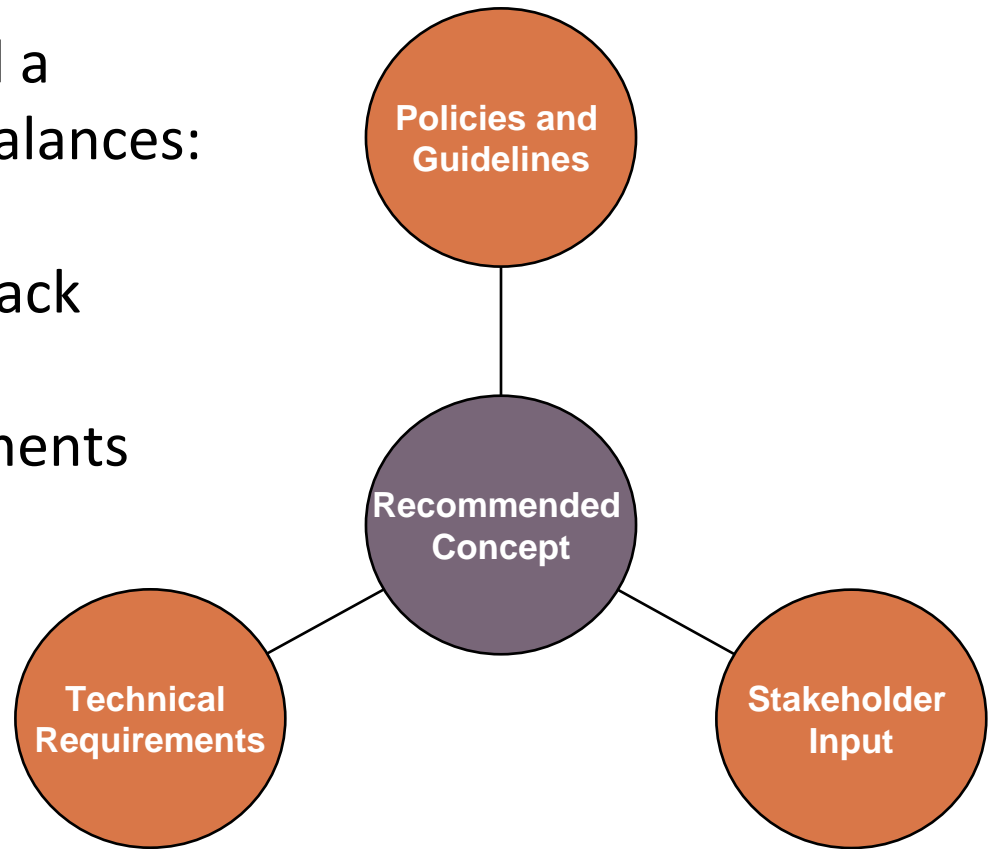
- Narrow lanes
- Congestion
- Transit delaying traffic at bus stops
- Pedestrian safety
- Mature Trees



# What influences the final plan?

The City will recommend a concept plan that best balances:

- Stakeholder feedback
- Technical requirements
- City policies





# Option Development

- Consideration of several factors
  - Public input for area needs
  - Technical requirements
  - City Policy
- Numerous options were evaluated for viability
  - Removing lanes
  - Adding lanes



# Option Development

- Constraints may require “Trade-Offs”
- Public input helped guide option development to address area concerns
  - Narrow lanes
  - Transit
  - Mature Trees
  - Pedestrian Safety
  - Congestion



# Why Not Add Lanes?

- Widening can increase the capacity of a road
- 127 Street is constrained by the intersection at 118 Avenue
- Adding one more lane to 127 Street would double the delay experienced today
- Intersections are the “bottleneck” on a road. They are where the delays occur.

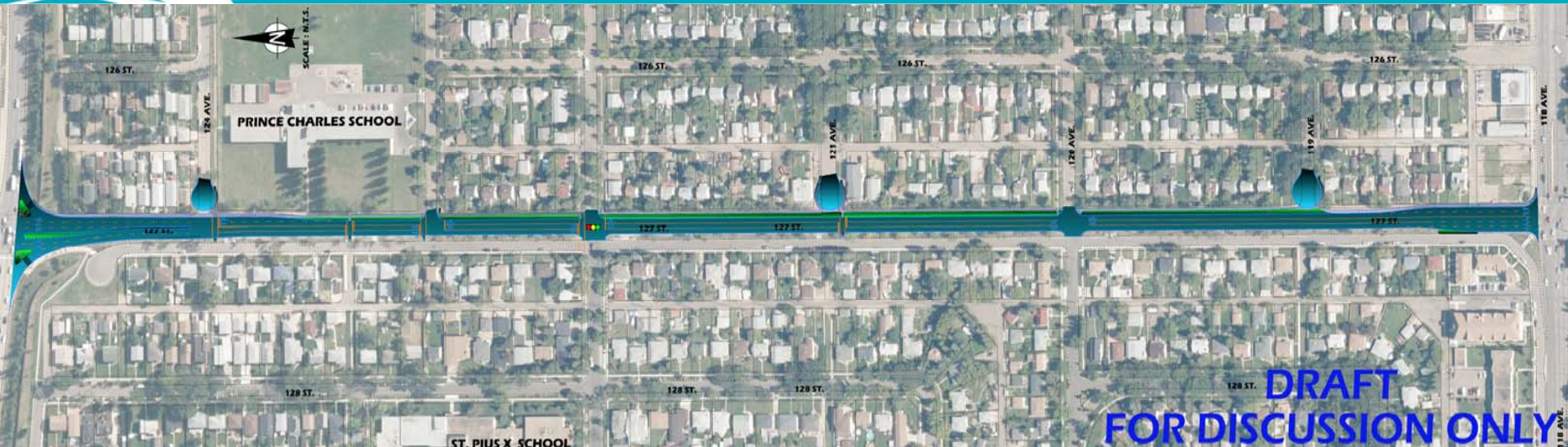




# Option Development

- Two options were explored beyond the first viability review
- Common elements to each option
  - Pavement reconstruction
  - East sidewalk reconstruction
  - Maintain service road

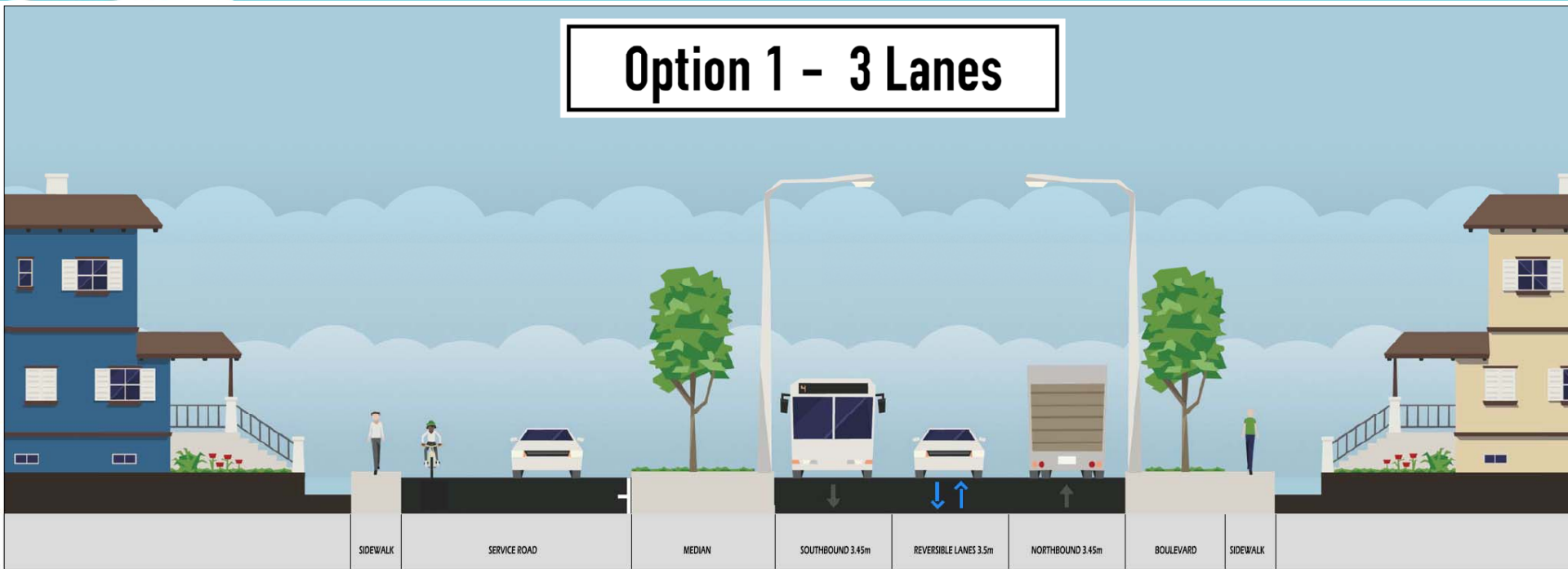
# Option 1



- 3 travel lanes
- 2 lanes in peak direction through use of lane control
- Maintain existing trees on both sides of 127 Street
- Maintain service road
- Left turn ban during peak hours
- Culs-de-sac closing some access to Prince Charles

# Option 1 - Cross-section

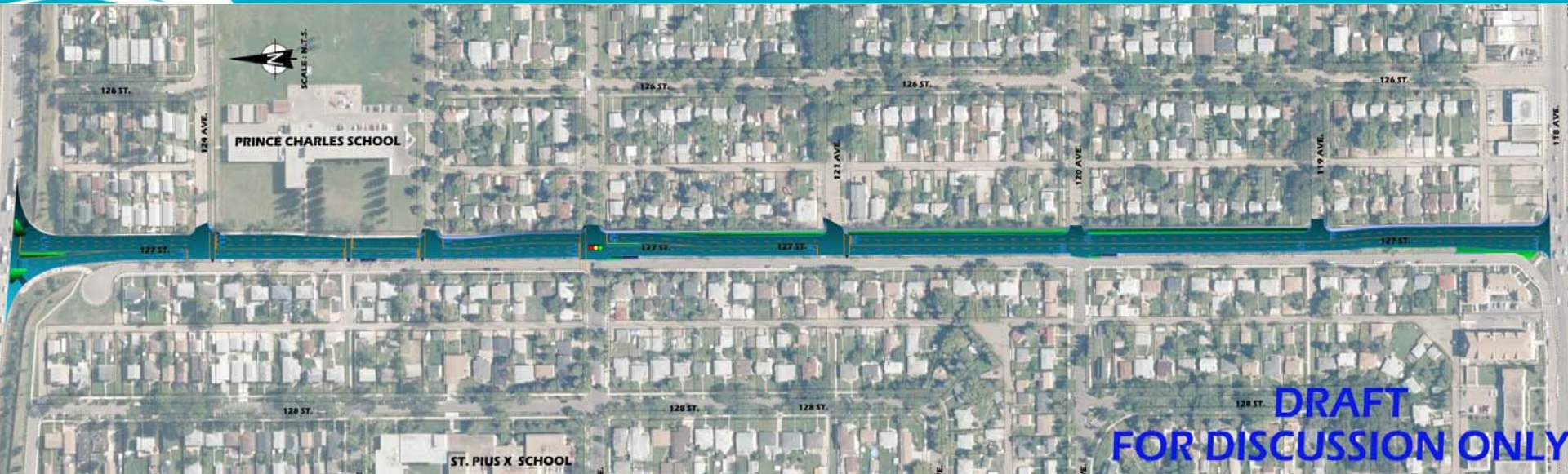
## Option 1 - 3 Lanes



- 3 travel lanes
- 2 lanes in peak direction through use of lane control
- Maintain existing trees on both sides of 127 Street
- Maintain service road



# Option 2



- 4 travel lanes
- Narrow median to widen lanes
- Relocate or remove existing trees on the west side of 127 Street
- Maintain service road
- Left turn lane southbound at 122 Avenue

# Option 2 – Cross-section



- 4 travel lanes
- Relocate/remove trees on west side of 127 Street
- Maintain service road



# Next Steps

October 2014 – Receive your feedback on options and elements of the options

November 2014 – Develop one plan for circulation to internal City stakeholders for comment

November / December 2014 – Prepare draft of recommended concept plan

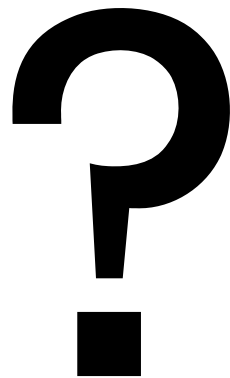
January 2015 – Open House to present recommended concept plan and receive comments on the recommendation

Spring 2015 – Concept finalized

2016 – Construction



# Questions?







**Please provide your feedback**

**THANK YOU FOR ATTENDING!**

For project updates please visit our website at:  
[www.edmonton.ca/127StreetUpgrade](http://www.edmonton.ca/127StreetUpgrade)