

imagine
jasper avenue



Change is coming!

Jasper Avenue | 109 Street to 124 Street

Streetscape Concept Plan

Public Event 3 | November 30, 2016

Edmonton

Meeting Purpose

Tonight you can:

- ❖ Learn about Imagine Jasper Avenue
- ❖ Learn what we heard during public, business owner and stakeholder consultation
- ❖ View and comment on the draft design plan

We want to hear from you:

- ❖ Provide feedback on the draft design plan



Project Overview

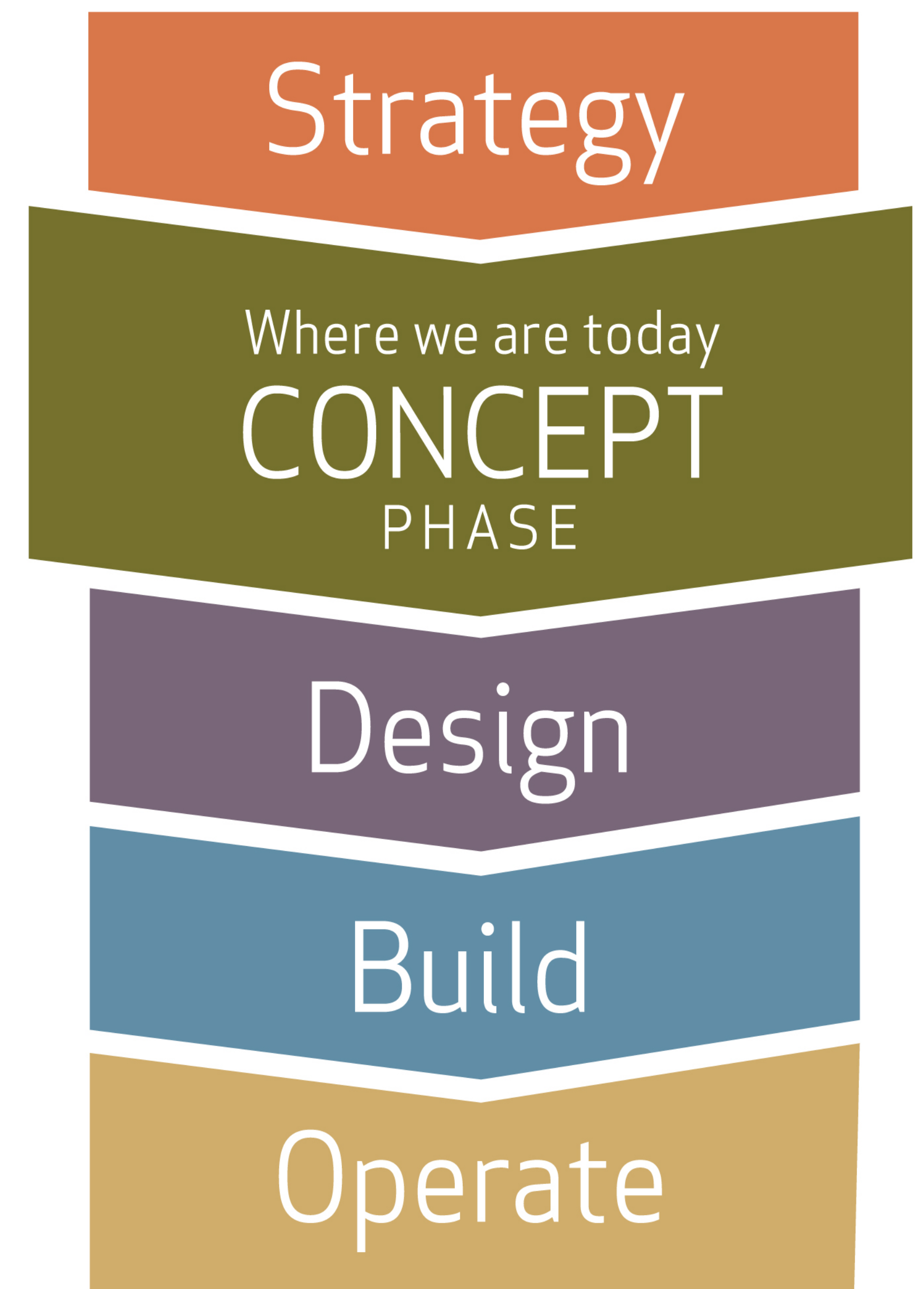
The purpose of Imagine Jasper Avenue is to develop a streetscape concept plan for Jasper Avenue between 109 Street and 124 Street.

Project Goal:

To envision an innovative, vibrant and relevant streetscape that will strive to balance the needs of the community, commuters, businesses and visitors.

Project Timeline:

Streetscape Concept Plan2015-March 2017
Preliminary and Detailed Design..... 2017-2018
Anticipated Construction Start.....2019



What is a Streetscape?

- ❖ Refers to how a street looks, feels and functions
- ❖ Considers how the street impacts all users (pedestrians, cyclists, transit riders and drivers)
- ❖ Addresses sidewalks, landscaping, lighting, street furniture, signage, connectivity, crosswalks, universal design, traffic management, parking, safety, maintenance and more



Sidewalk



Surrounding Character



Lighting/Banners



Planting



Crosswalks



Street Trees



Heritage



Street Furniture



Signage



Roadway/Lanes/Parking

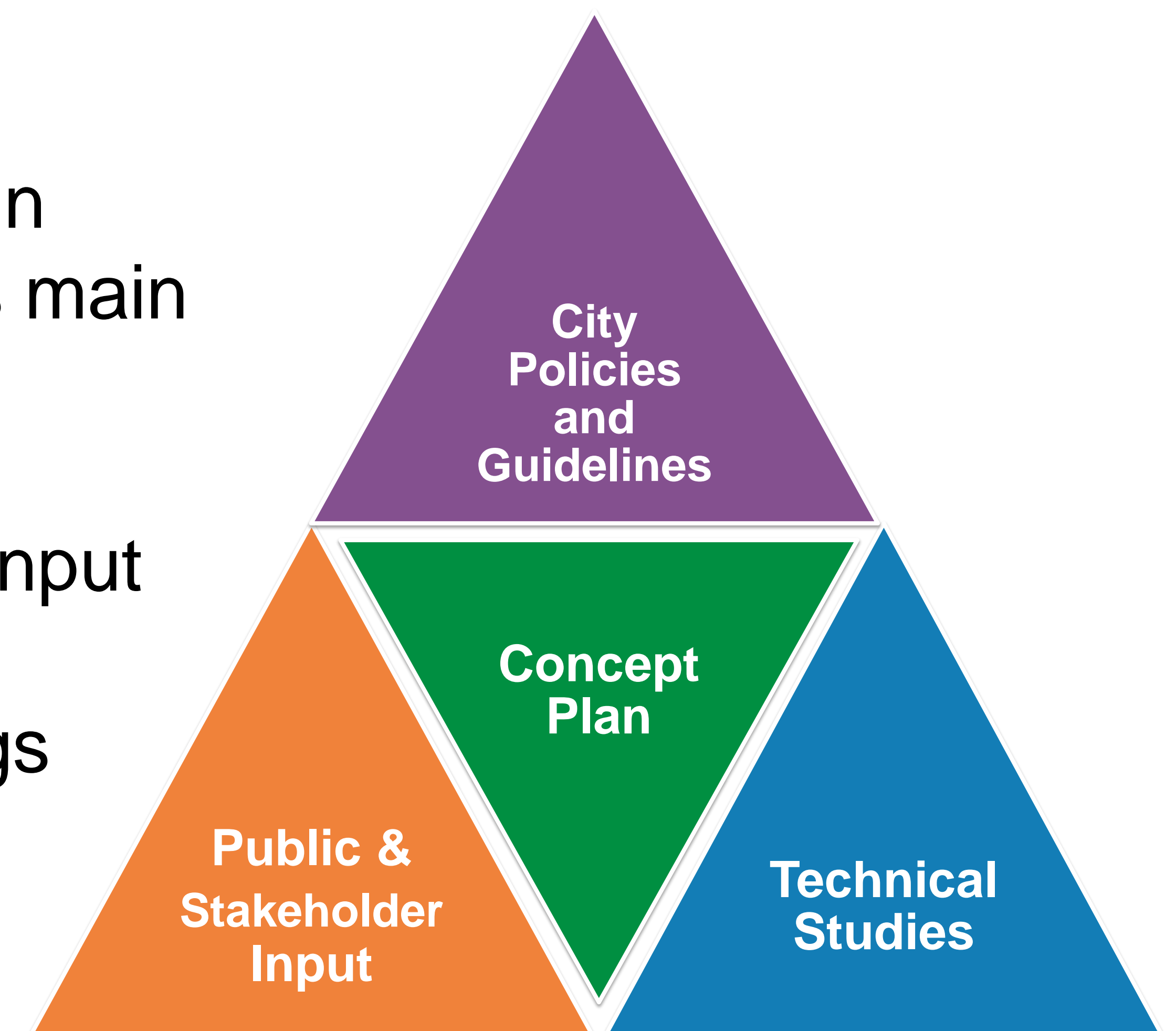
How Decisions are Made

The final design of Jasper Avenue will be informed by City Council policies, public and stakeholder input and technical studies.

City Policy: Main Streets Guideline used to inform the design parameters and to ensure a consistent approach to the city's main streets

Public Input: Vision and Guiding Principles developed and input gathered through public events, stakeholder meetings and Community, Business, Resident Committee (CBRC) meetings

Technical Studies: Market analysis, drainage review, collision and traffic analysis completed to determine current and future requirements



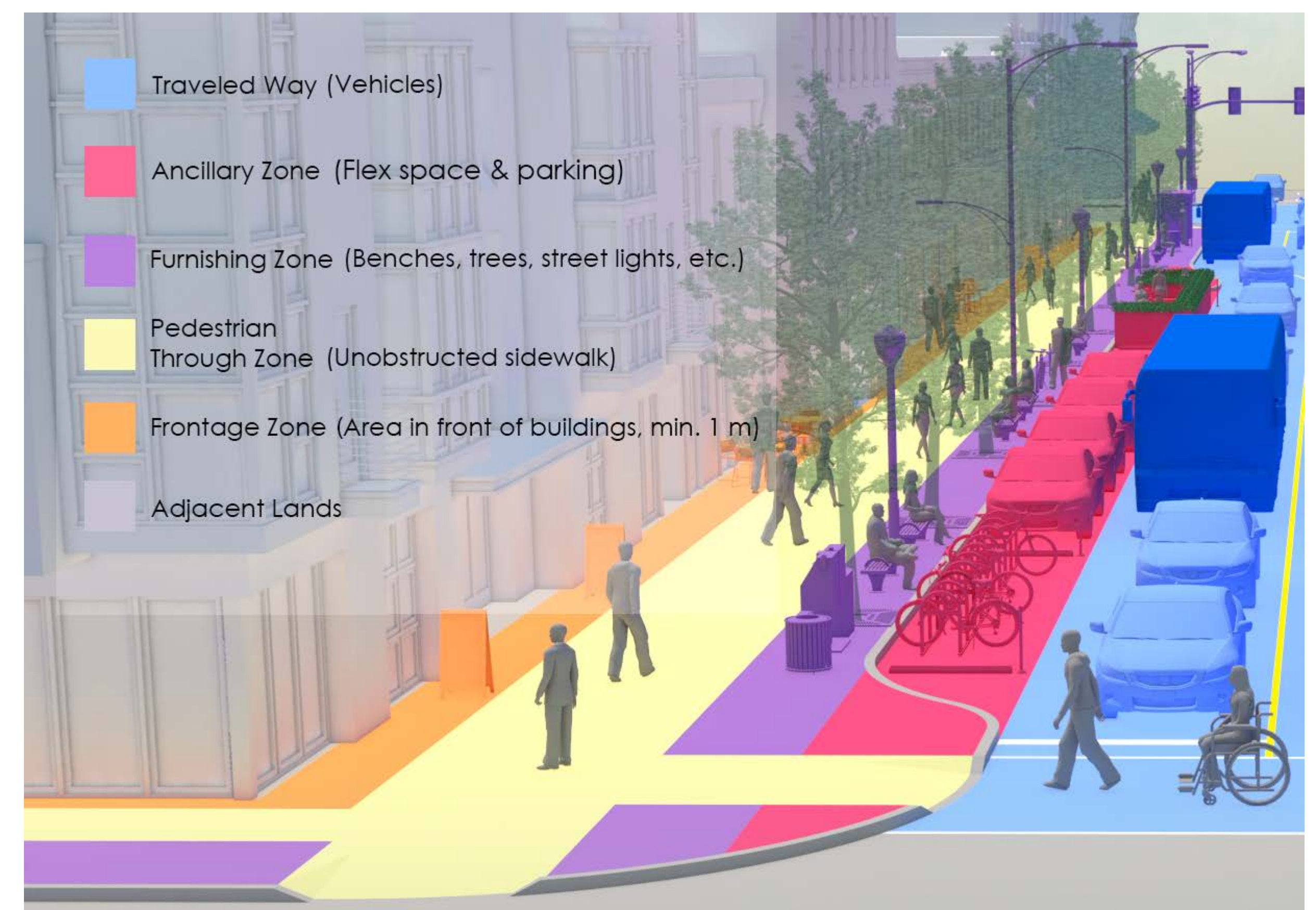
Main Streets Guideline

Edmonton's Complete Streets Policy now includes a Main Streets Guideline and a provision that main streets are to be designed and maintained to an enhanced standard. City Council designated Jasper Avenue a Main Street in 2015 and it is the first of several main streets to begin its transformation.

Main Streets are both a **Transportation Link** and a **Place**

Main Streets Principles

- Vibrant, all seasons people places
- Pedestrian priority streets
- Provide travel options
- Support a network of streets
- Adaptable
- Contribute to sustainability
- Cost effective and provide value



Main Streets Design Zones

Vision and Guiding Principles

**Jasper Avenue is Edmonton's premier
Main Street - a people place.**

- ❖ **Create a vibrant, all seasons destination**
a safe place of social gathering for all ages and abilities
- ❖ **Shape a community street**
celebrate the history and diversity of Jasper Avenue's people
- ❖ **Put pedestrians first, ensuring travel options for all users**
increase the priority on pedestrians, while recognizing the needs of all methods of transportation
- ❖ **Increase the green**
enhance and beautify Jasper Avenue with tree planting and landscaping
- ❖ **Consider the big picture**
reinforce connections to local destinations and promote high quality development

What We Heard - Phase 2

The second phase of consultation confirmed the Vision and Guiding Principles for the project, and identified public priorities for streetscape elements to include in the design.

Over 1,000 people provided input through comment forms, online surveys and at the event. Input was also gathered at stakeholder meetings with seniors and businesses.

Key project suggestions included:

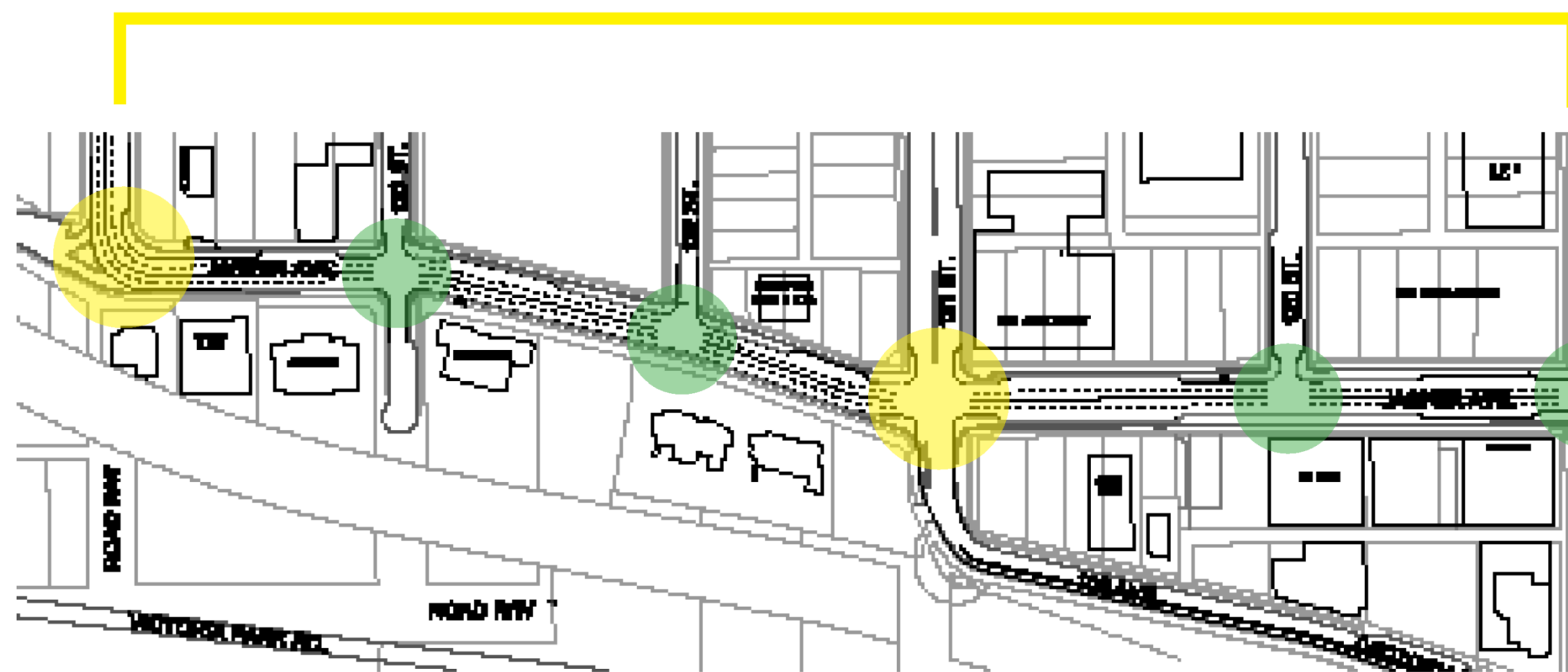
- Improve intersection safety
- Enhance pedestrian crossings
- Encourage future redevelopment
- Maintain parking
- Improve cycling connections
- Narrow and reduce travel lanes
- Slow traffic/reduce speed



Market Analysis

A market analysis was completed to review the nature of existing development and to identify areas that have a greater potential for redevelopment.

124 Street to 119 Street



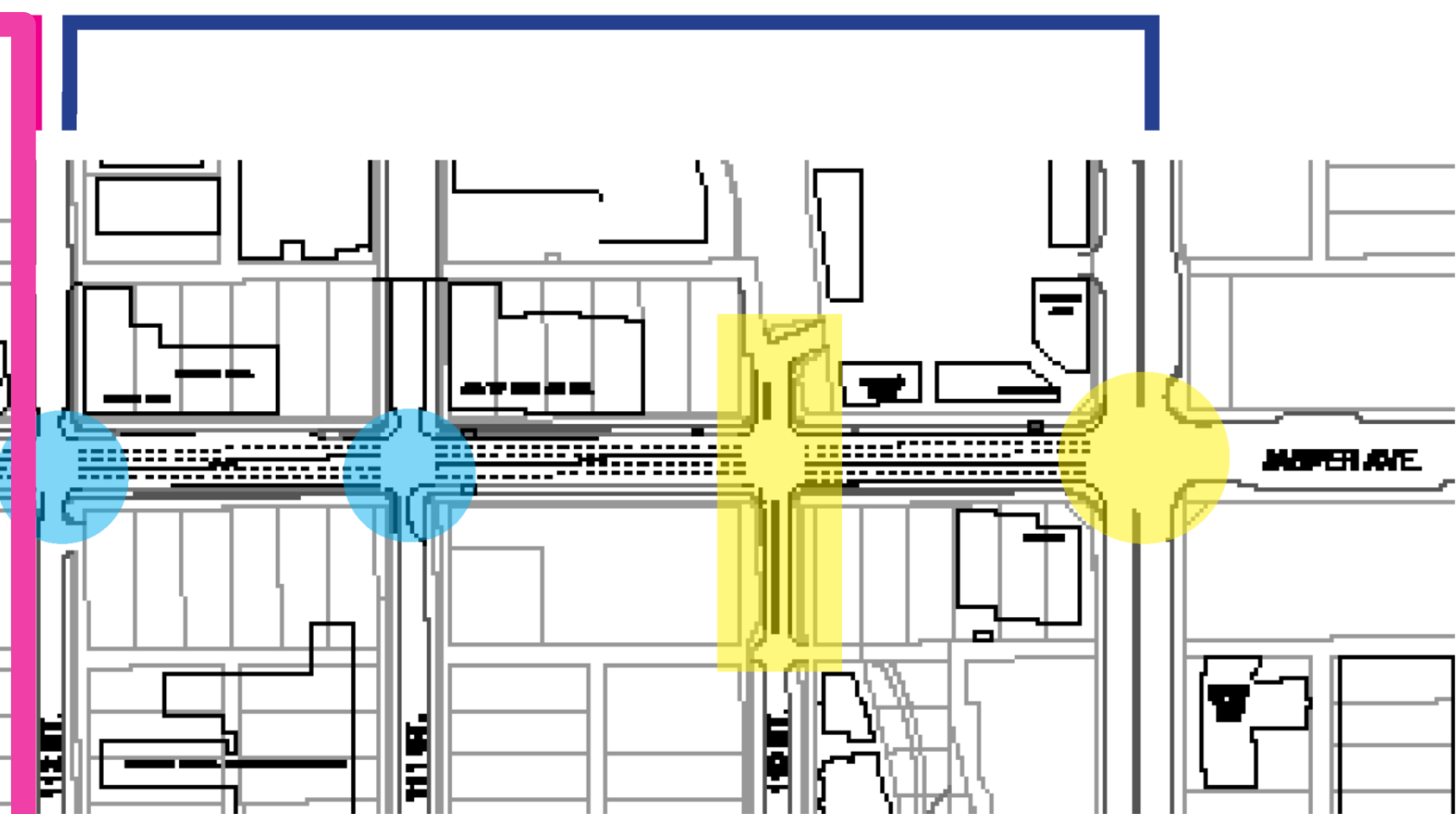
- Community-focused businesses
- Greater need for pedestrian space

119 Street to 112 Street
Highest redevelopment potential

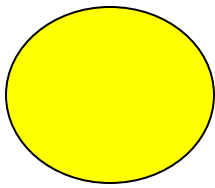


- Mix of community and destination focused businesses
- Greater need for access and parking

112 Street to 109 Street



- Gateway into Downtown
- Mix of office, retail and institutional uses

 **Major Transportation Intersection**
• Vehicles, pedestrians or cyclists

 **Community Intersection**
• Higher pedestrian space needs

 **Minor Intersection**
• Higher access needs

Traffic Analysis

A main street must act as both a destination and a transportation link. Detailed traffic analysis was completed to determine the impact of changes to the existing configuration and operations of the avenue.

To improve the pedestrian space, the removal of the outside peak-hour bus/off-peak parking lanes was required.

Main options tested:

- Four lanes with left turn lane
- Four lanes only (left turns from travel lanes)

For both options:

Full signals at every intersection, with signals timed for pedestrian walking speed along Jasper Avenue.

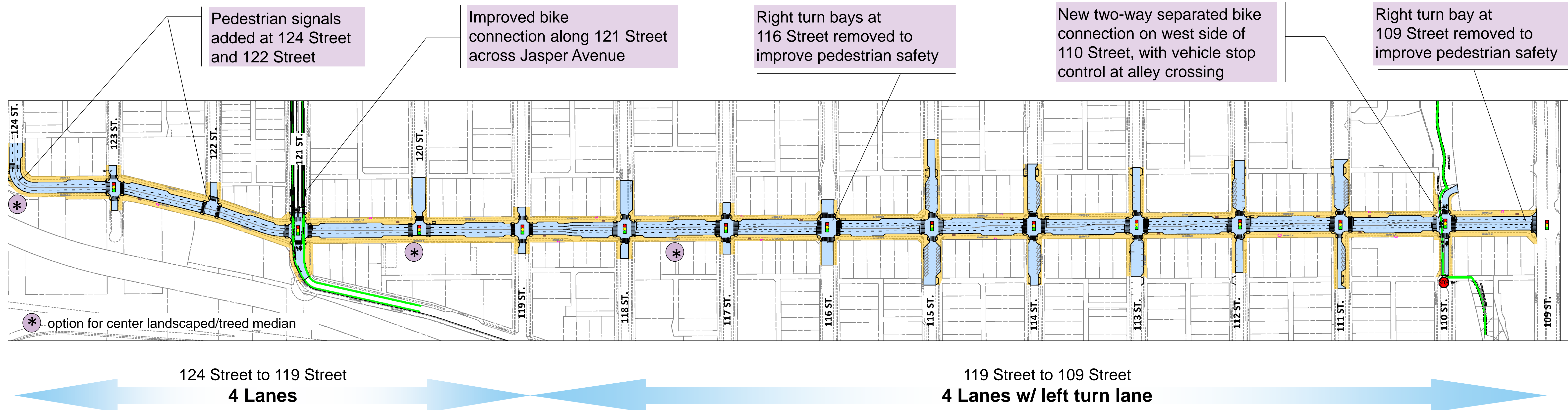
Traffic Analysis Results

Four lane option functions well between 124 Street and 119 Street

Four lane with left turn lane option needed east of 119 Street to avoid grid-lock and to accommodate access to surrounding areas

3-4 minute increase in overall travel times compared to today

Draft Design Summary



Overall Design Features:

- ❖ Increased pedestrian space by reallocating space from existing outside peak hour bus/off-peak parking lanes
- ❖ Trees included on both sides of the avenue
- ❖ Sidewalk space maximized near intersections to reduce crossing distance and where future redevelopment may occur
- ❖ Flex space (can be used for parking, bike corrals, patios, etc.) provided to support existing businesses and community activities
- ❖ Full signals at every intersection with pedestrian crossings on all sides
- ❖ Improved signal timing with pedestrian priority
- ❖ Pedestrian-oriented lighting provided along the avenue
- ❖ Bike parking locations proposed at every other intersection
- ❖ Side street parking increased through angle parking where possible

Public Space Improvements

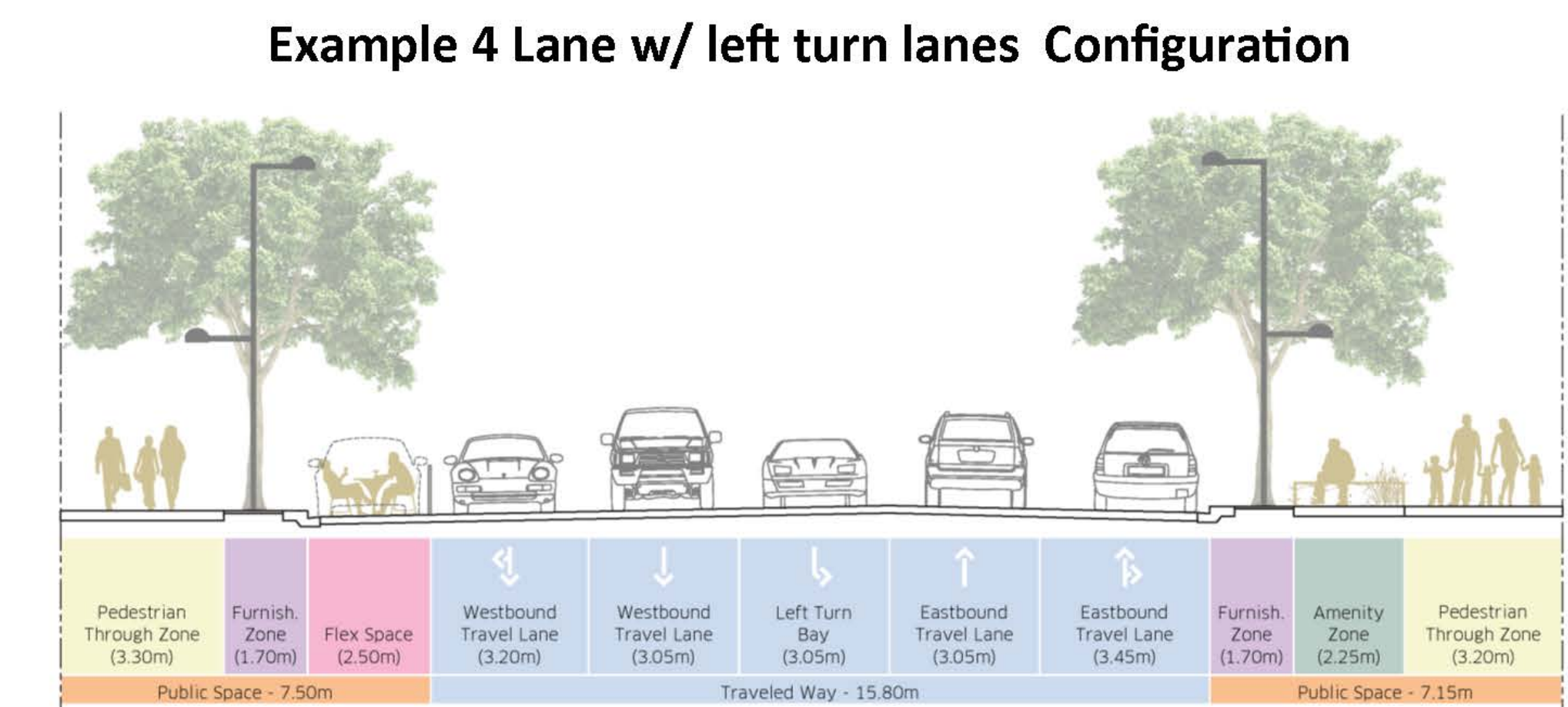
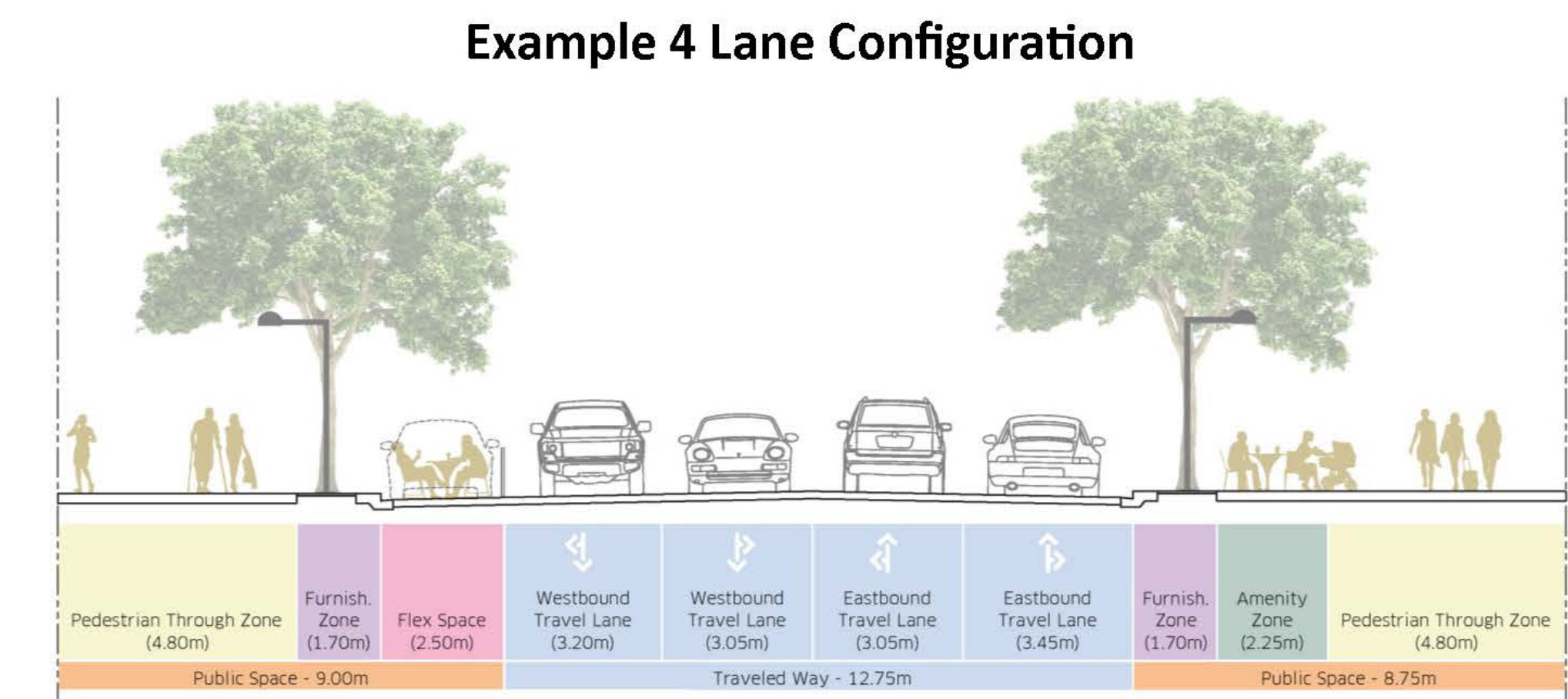
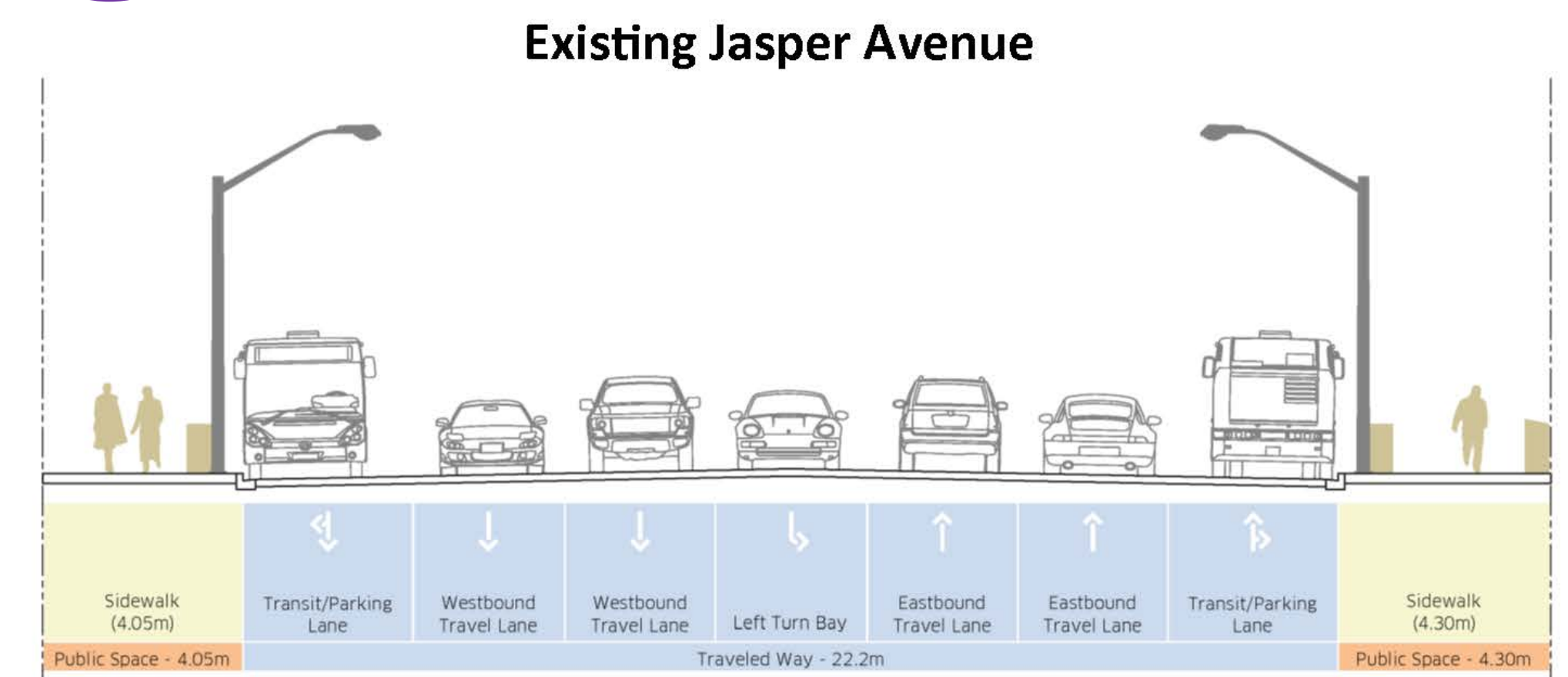
Proposed design includes the following additions to the total public space:

- Separate **furnishing zone** for trees, lighting, benches, etc.
- **Flex space** for parking, temporary patios, bike corrals, etc.
- **Amenity zone** for enhanced landscaping, or business use

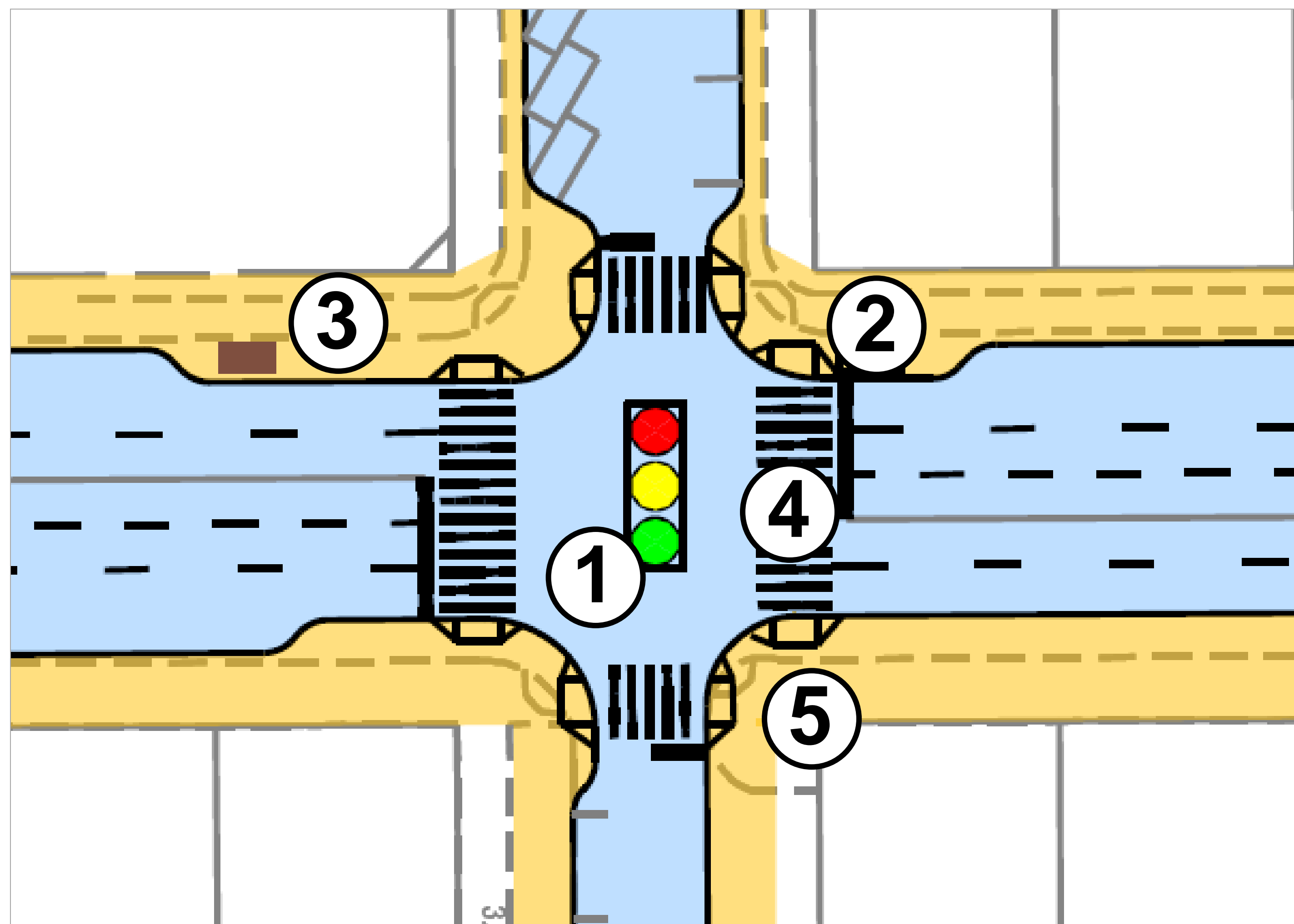
The furnishing zone is provided along the entire avenue, while the flex space and amenity zone are interchangeable as needed.

Tell us what you think!

On the large map of Jasper Avenue, tell us where flex space should be provided, and where an enhanced amenity zone would be most beneficial.



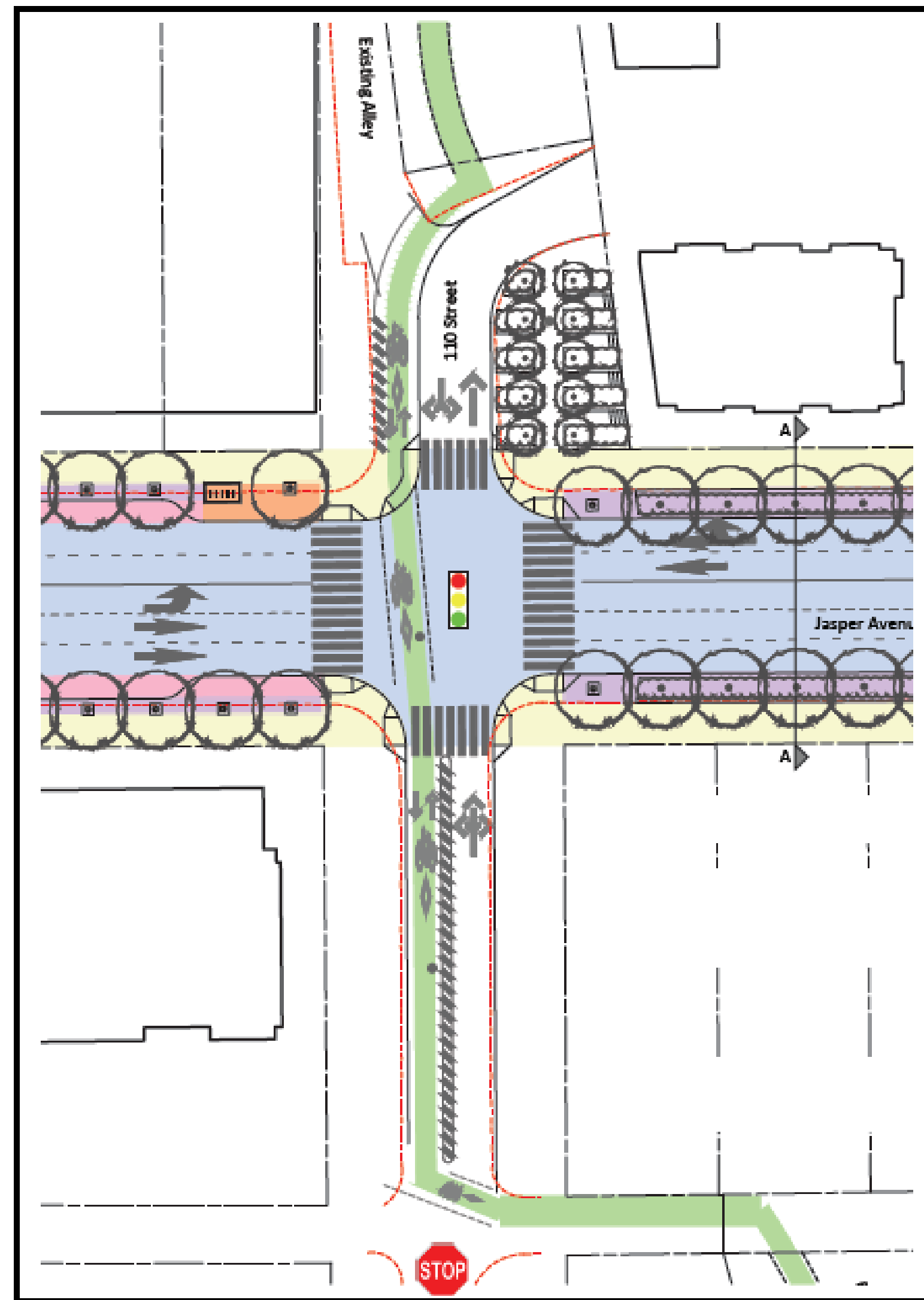
Intersection Improvements



- ① Full signals at all intersections for crossings on all sides
- ② Curb bulbs to reduce crossing distance
- ③ Bus stops in curb bulbs to allow buses to load from travel lane
- ④ Zebra markings to increase visibility of pedestrian crossings
- ⑤ Dual curb ramps to line up with pedestrian crossing directions

Cycling Connection Improvements

110 Street

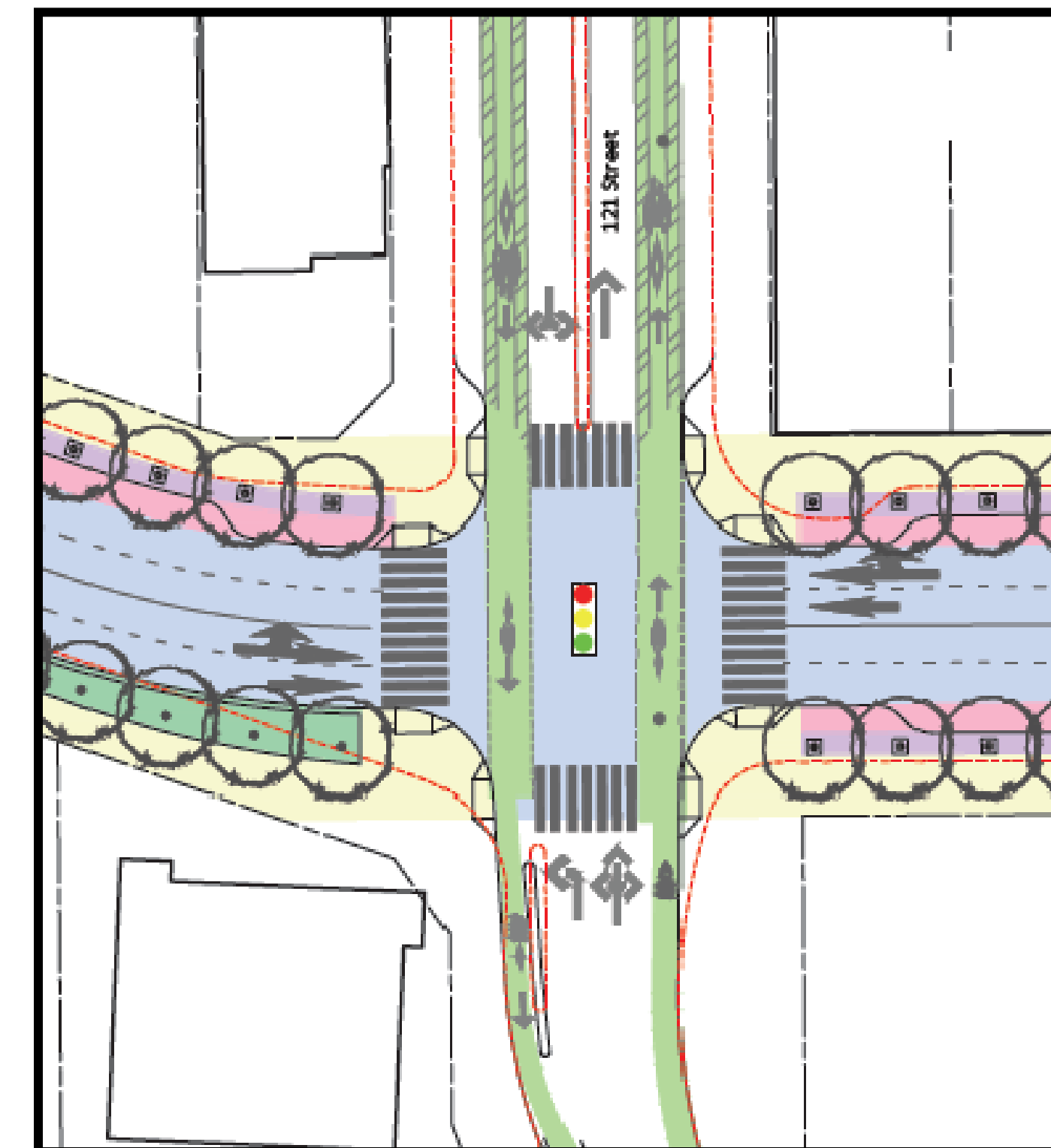


Improved pavement markings

New two-way cycle path on west side of 110 Street

New stop control for vehicles at crossing into alley south of Jasper Avenue

121 Street



Improved pavement markings

Changed northbound sharrow to painted bike lane

Tell us what you think!

Will the proposed changes improve cycling operations across Jasper Avenue? Where else should we provide cycling connections?

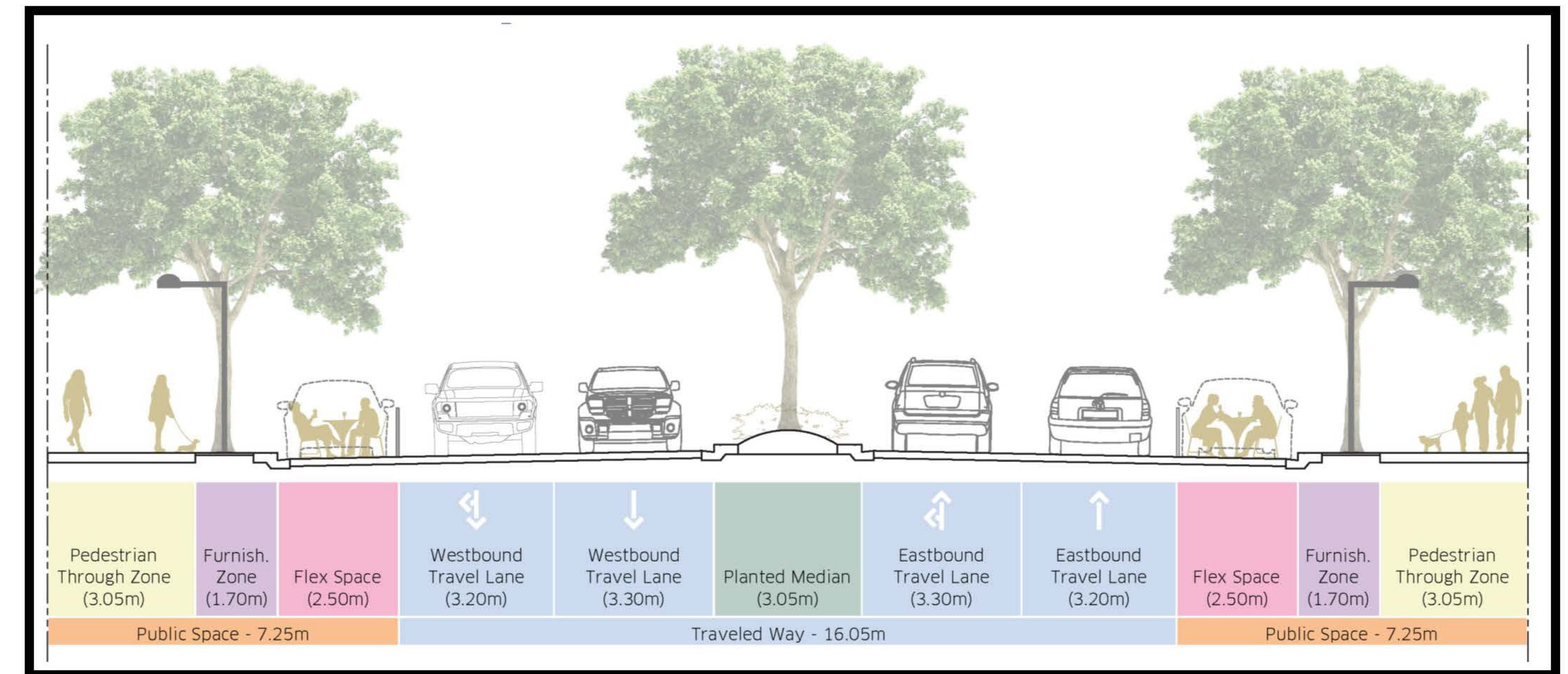
Median Options

The addition of a center treed median is possible within the four lane (no left turn lane) segment of the draft plan.

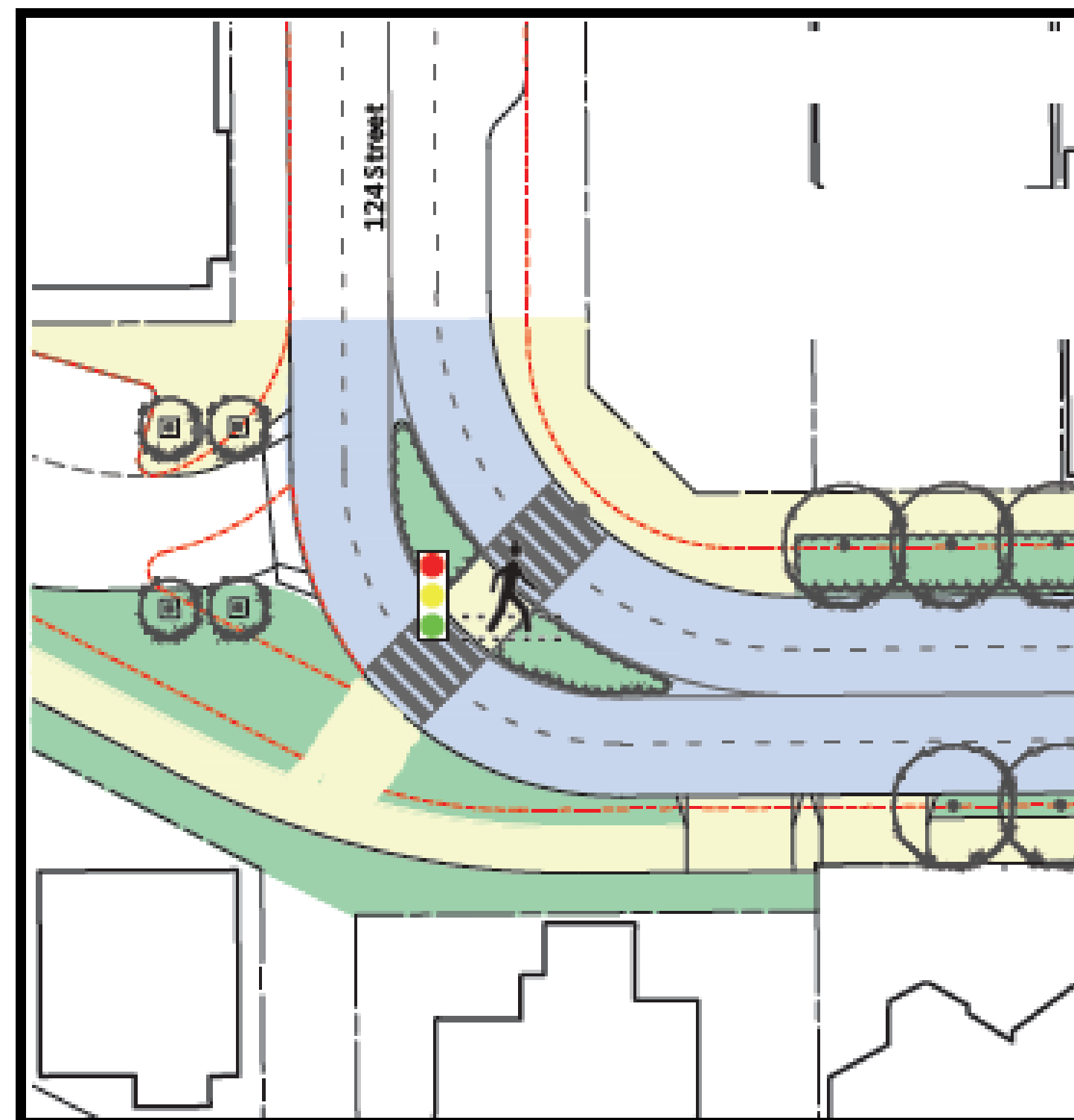
Tell us what you think!

Which of the options do you prefer?

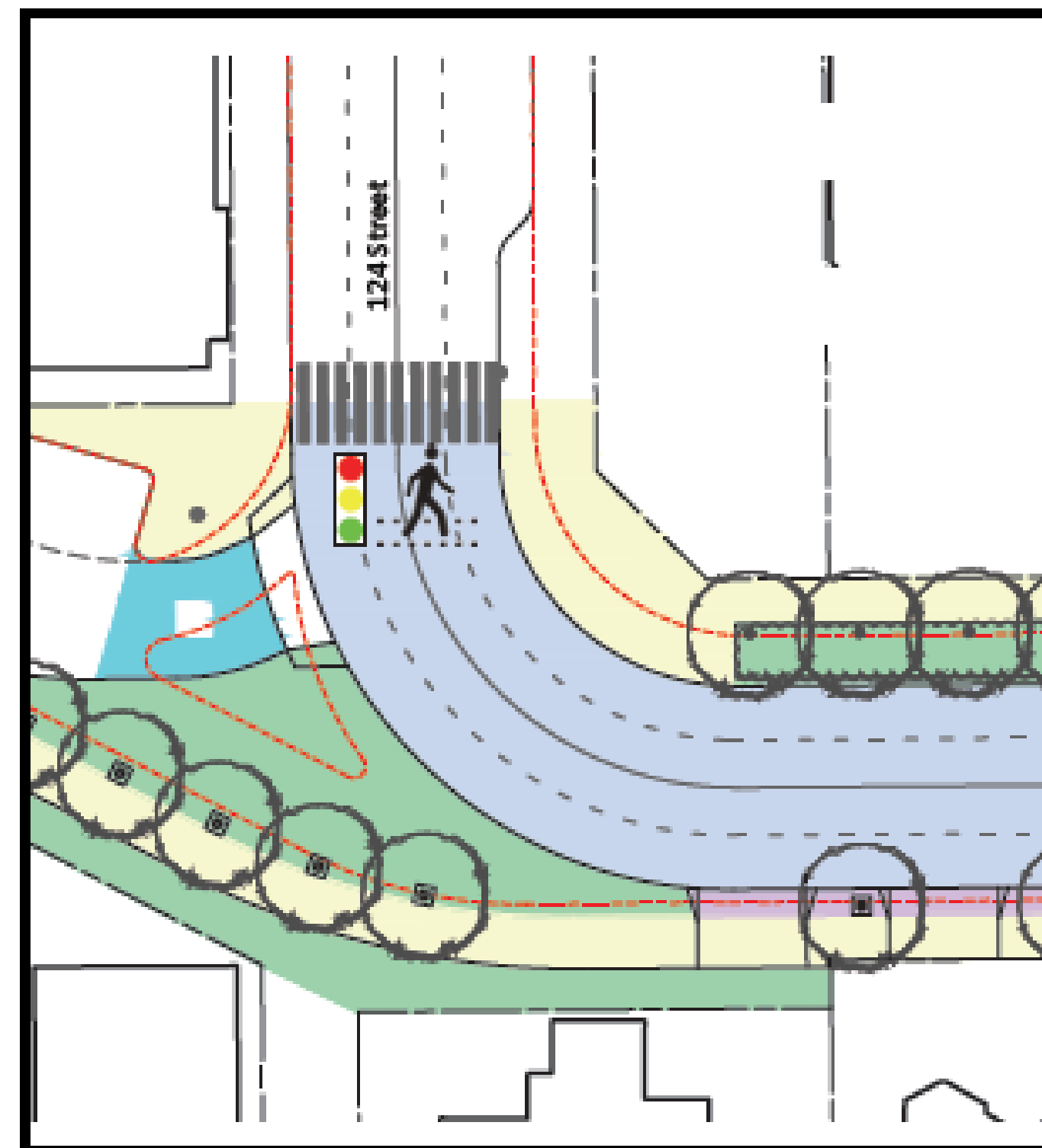
Median Option



Median Option

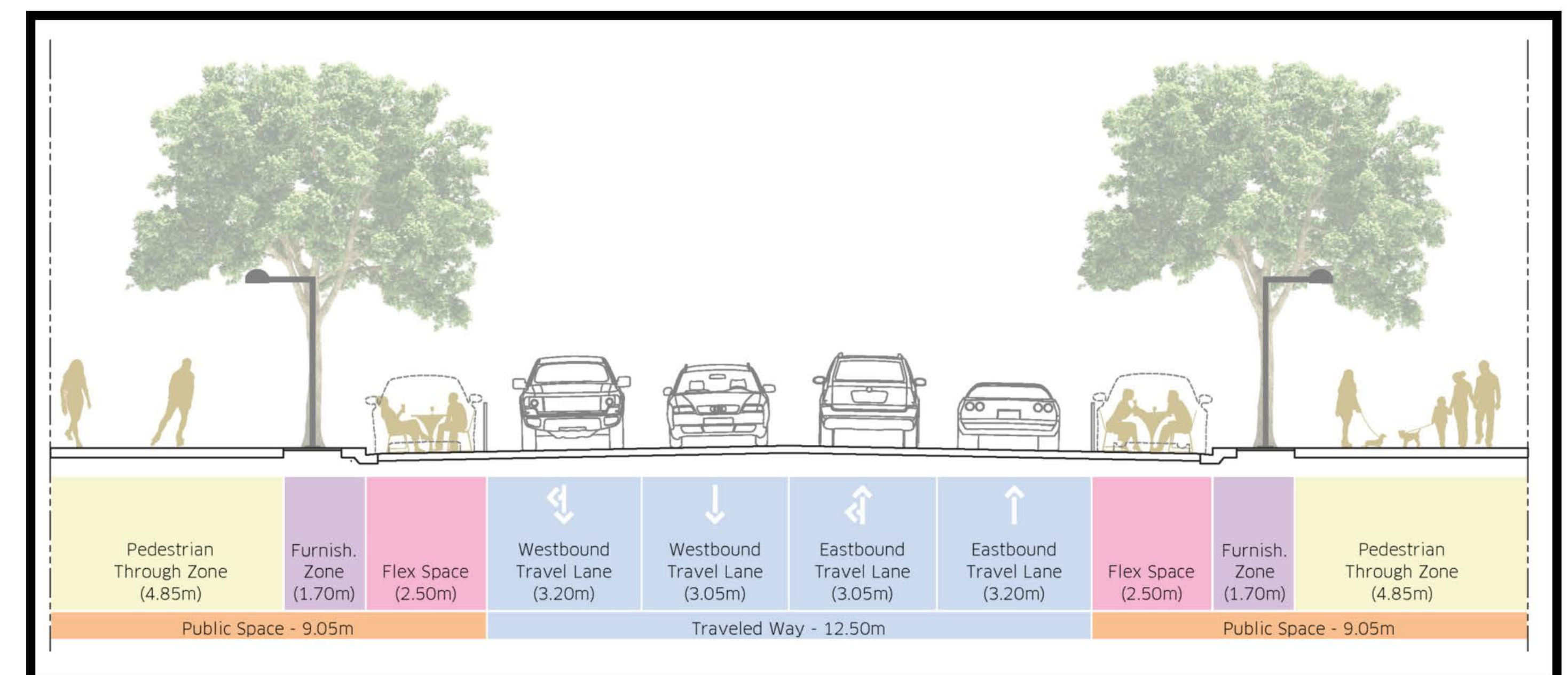


No Median Option



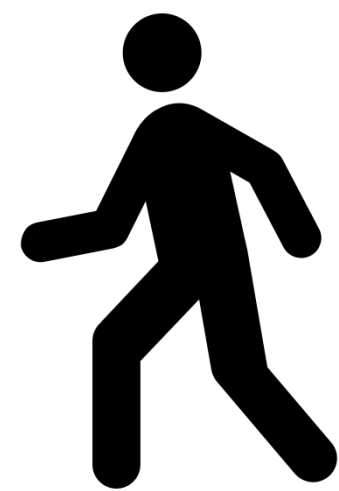
124 Street intersection

No Median Option



117 Street to 121 Street

Changes by Travel Method



Pedestrian

- Increased space for unobstructed walkways
- Pedestrian priority signal timing
- Shorter crossing distances at intersections
- Street trees and furnishings

Tell us what you think!

Where to provide amenity or flex space



Transit

- Buses operate and load from travel lane
- Bus shelters at every stop
- Bus stops placed separate from walk space

Tell us what you think!

Where to provide larger shelters



Vehicle

- Maintained current vehicle capacity
- Retained left turn lanes where required
- 3-4 minute impact to overall travel time
- On-street parking provided in flex space or through angle parking on side streets

Tell us what you think!

Where to provide on-street parking



Cyclist

- Added bike parking
- Improved existing side street connections to parallel routes

Tell us what you think!

Where to provide additional connections

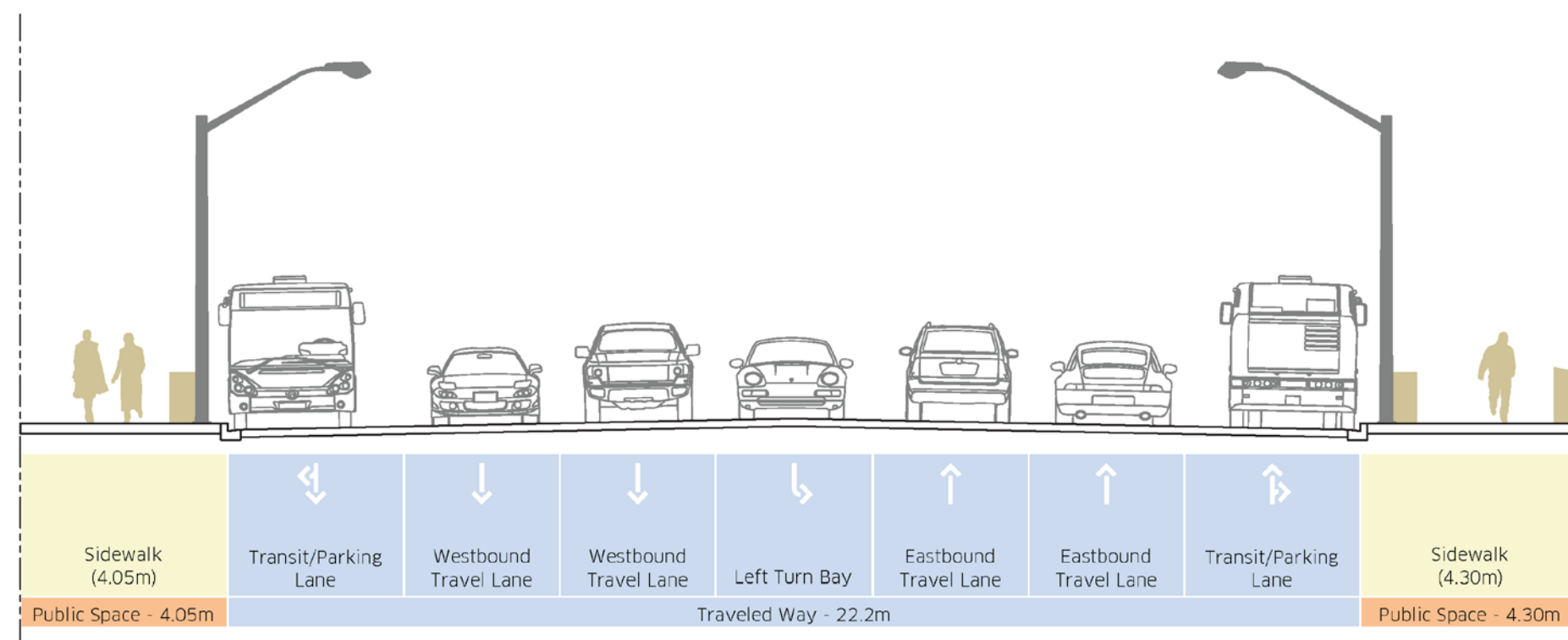


How Key Priorities were Addressed

Streetscape Element	How was it included?
Sidewalk cafes and patios	Space included for business use where possible, and flex space included elsewhere that may be used for patios in the summer.
Street trees and landscaping	Trees and/or landscaping on both sides of street. Possibility of treed median between 117 Street and 121 Street and landscaped median at 124 Street.
Wide, unobstructed sidewalks	Minimum clear width of 3 m will be maintained where possible. Street furnishings and trees given their own space.
Promote high-density, mixed-use buildings through zoning	Zoning decisions by City Council for Jasper Avenue will be informed by the Main Streets guideline and criteria
Maintain commuter capacity during peak hours	Existing number of vehicles travelling down Jasper Avenue is accommodated and operational during peak hours
Pedestrian-oriented lighting	Fixtures that light both the sidewalk and the street will be incorporated, but the exact design is yet to be determined
Maintain parking	On-street parking possible in flex space. Additional angle parking on some side streets.
Pedestrian crossings	Curb bulbs reduce crossing distances. Full signals timed for pedestrians at all intersections. Zebra markings to improve visibility of crossings.

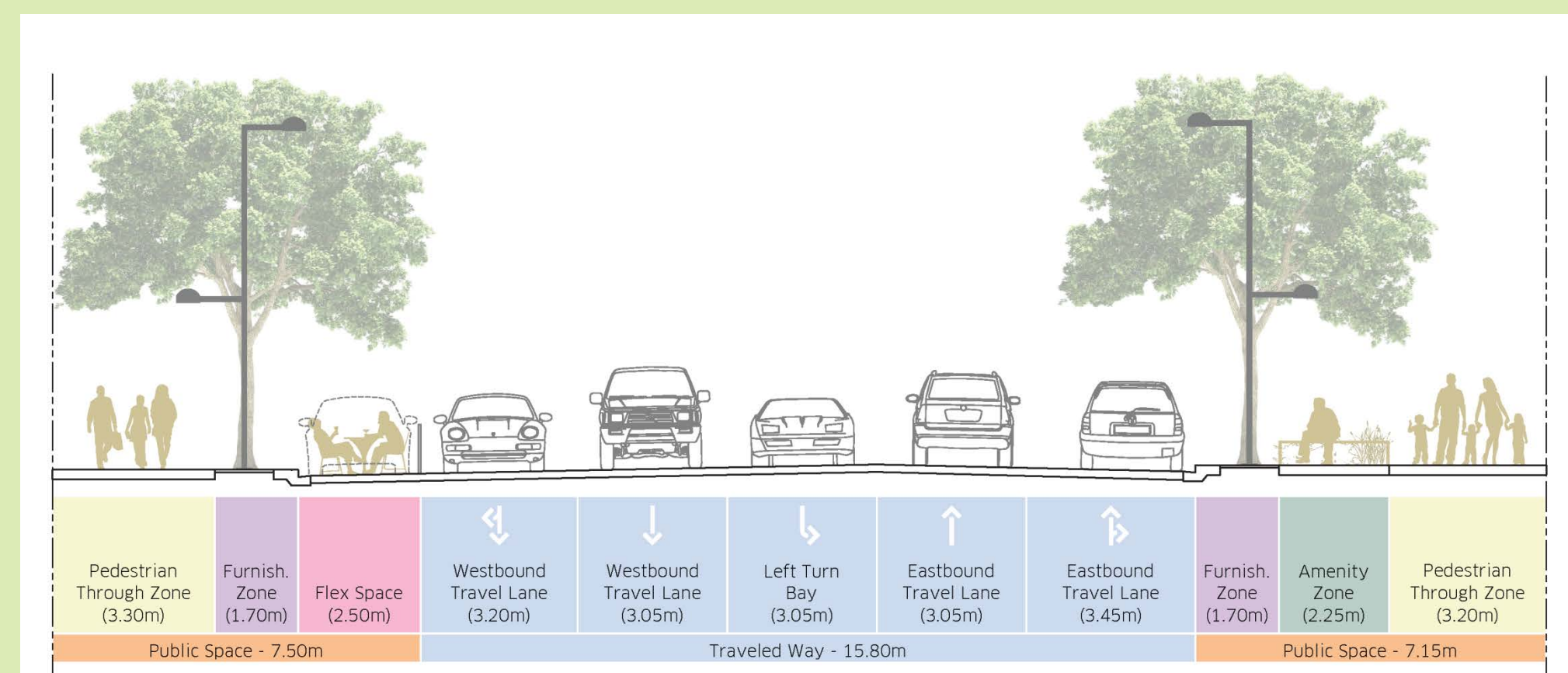
What's Changing?

Existing Jasper Avenue



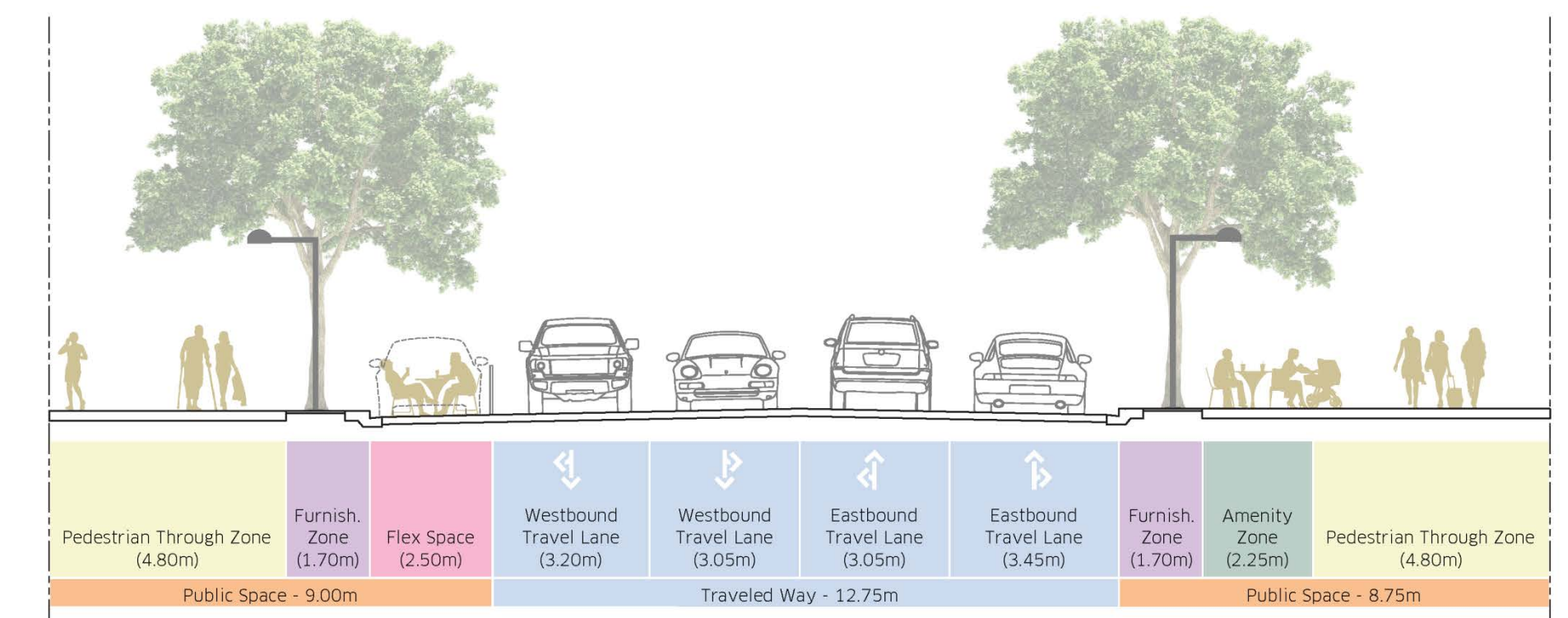
- Obstructed sidewalks (garbage bins, bus shelters etc. in walking space)
- Two travel lanes in each direction
- Outside peak-hour bus / off-peak parking lanes
- Left turn lane at every intersection
- Right turn lanes at 109 Street and 116 Street
- No trees or street furniture

109 Street to 118 Street



- Unobstructed pedestrian space (3m min)
- Two travel lanes in each direction
- Left turn lane at every intersection
- Trees and street furniture added in separate furnishing zone
- Pedestrian-oriented streetlights
- Flex space for 24/7 parking, temporary patios, bike parking, etc.
- Wider sidewalks with amenity space in some locations

118 Street to 124 Street



- Unobstructed pedestrian space (3m min)
- Two travel lanes in each direction
- Left turns from travel lanes
- Trees and street furniture added in separate furnishing zone
- Pedestrian-oriented streetlights
- Flex space for 24/7 parking, temporary patios, bike parking, etc.
- Wider sidewalks with amenity space in some locations

Public Engagement Timeline

Concept Phase

WE ARE HERE



Get Involved!

YOU are a valuable part of Imagine Jasper Avenue.

We want to hear your views and receive your comments to ensure we design the avenue so it reflects the values and vision of Edmontonians.

How to leave us your thoughts:

1. Complete a Comment Form

(tonight or online at edmonton.ca/ImagineJasperAvenue)

2. Leave your comments on 'sticky notes'
on the table maps

imagine
jasper avenue



Thank You!

Please complete a comment form or access the form online at edmonton.ca/ImagineJasperAvenue by December 14, 2016.

Twitter and Instagram: [#ImagineJasperAvenue](https://twitter.com/ImagineJasperAvenue)

Sign up for project updates: edmonton.ca/ImagineJasperAvenue