



# Newport TSP Update

**COMMUNITY WORKSHOP - 21 NOVEMBER 2020**

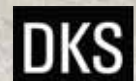
Transportation Concepts

PLEASE sign in by adding your name to the chat.

NOTE = We are recording this meeting.

Add your questions to the chat or submit a comment form.

The online open house is available through 12/13/20.

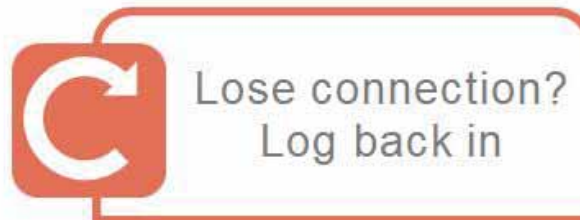
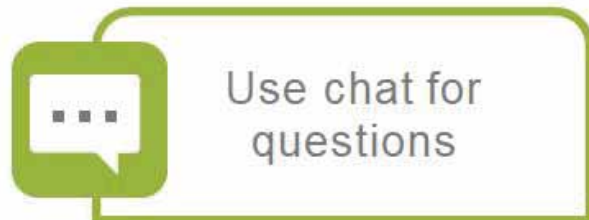
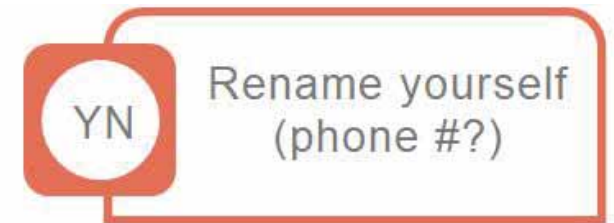
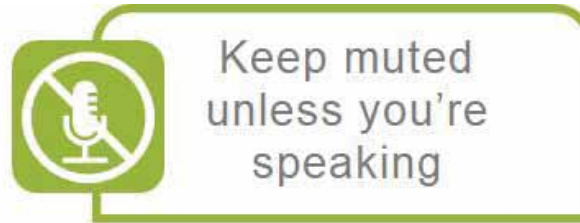
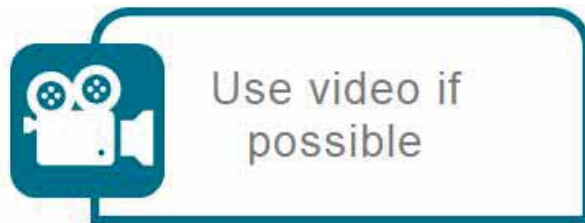


# Today's Workshop

<b>Time</b>	<b>Agenda Item</b>
10 am	Welcome, project overview, and meeting logistics
10:20 am	Brief presentation about the Newport TSP
10:30 am 10:45 am 11:00 am 11:15 am	Divide into/rotate through the breakout rooms: <ol style="list-style-type: none"><li>1. Citywide issues</li><li>2. Agate Beach, Nye Beach, Bayfront</li><li>3. Downtown/Central Core</li><li>4. Yaquina Bridge and South Beach</li></ol>
11:30	Report out to the larger group
Noon	Work Session ends (please visit/share the online open house at <a href="http://www.NewportTSP.org">www.NewportTSP.org</a> )

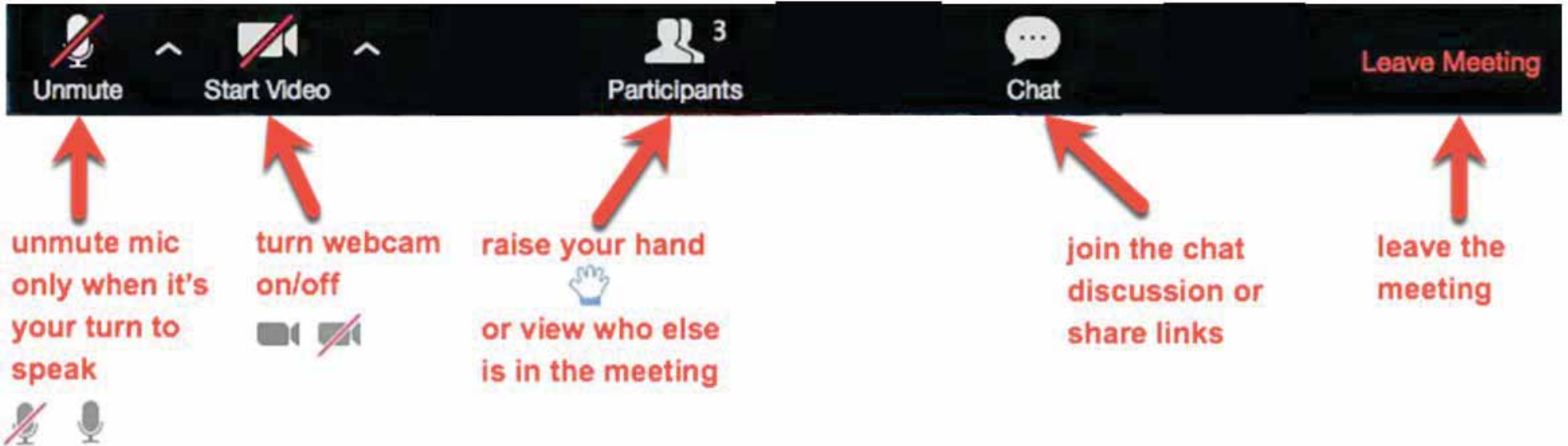
<https://forms.gle/nuaSELq3NSmkw7AF6>

# Technical Help



**Having problems?** Send a chat to "HOST" or "everyone" and we can help you out. Or return to the "lobby" during the break out sessions.

# Using Zoom



# Welcome and Project Overview

**Thanks for coming today!**

You can also learn more and submit comments on the draft concepts via the Online Open House (at [www.NewportTSP.org](http://www.NewportTSP.org) through 12/13/20

# Project Schedule

## ANTICIPATED PROJECT SCHEDULE



Community workshop series



Planning advisory committee meeting



## REVIEW PUBLIC INPUT

### Learn & Understand

- Introduce project to stakeholders.
- Evaluate existing conditions and future growth trends.
- Discuss community values and transportation goals.
- Develop performance measures and evaluation.
- Coordinate with state and regional plans.

### Analyze & Evaluate

- Determine future conditions.
- Develop alternative solutions for all modes of travel.
- Evaluate and refine draft solutions with the community.

### Recommend & Adopt

- Identify preferred alternatives.
- Develop draft plan for public review.
- Hold public meetings with city boards, commissions and council.
- City Council adopts TSP.

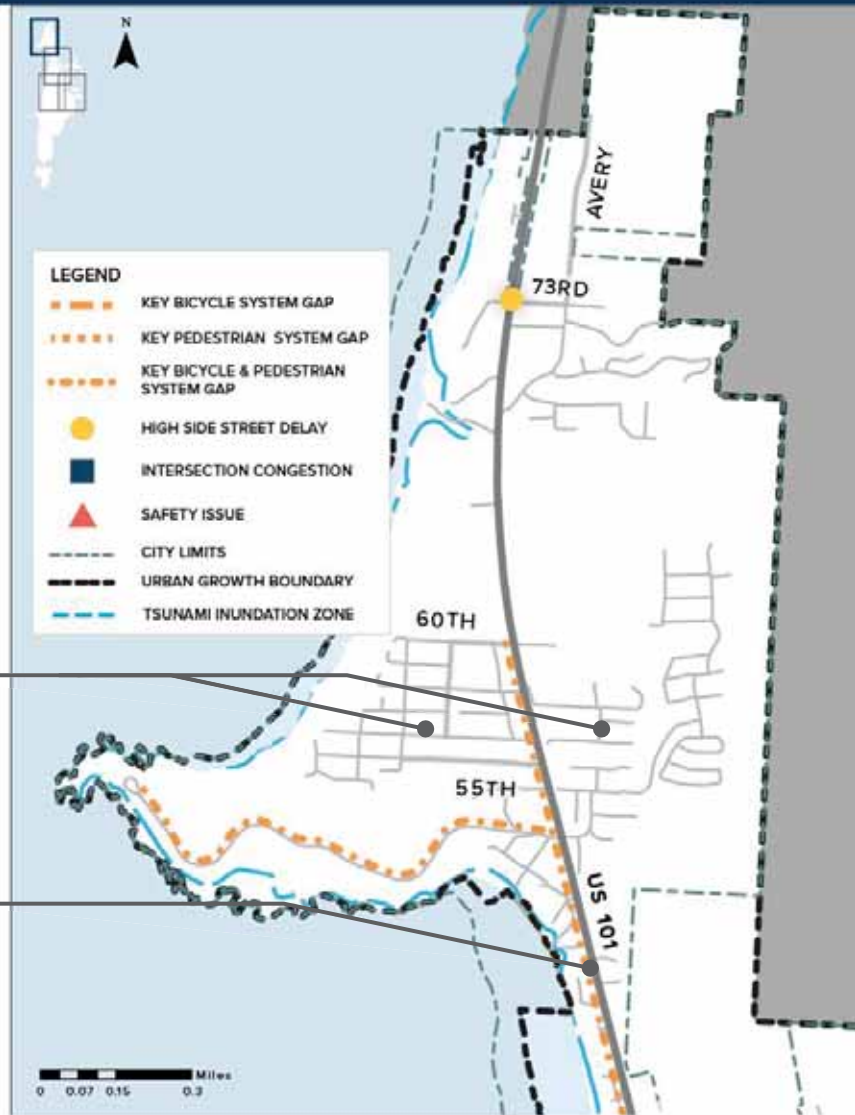


# DISCUSSION GEOGRAPHIES

---

- Transportation concepts for specific areas of Newport and citywide

# EXISTING SYSTEM ISSUES MAP A



Agate Beach  
local streets

Connections to  
downtown



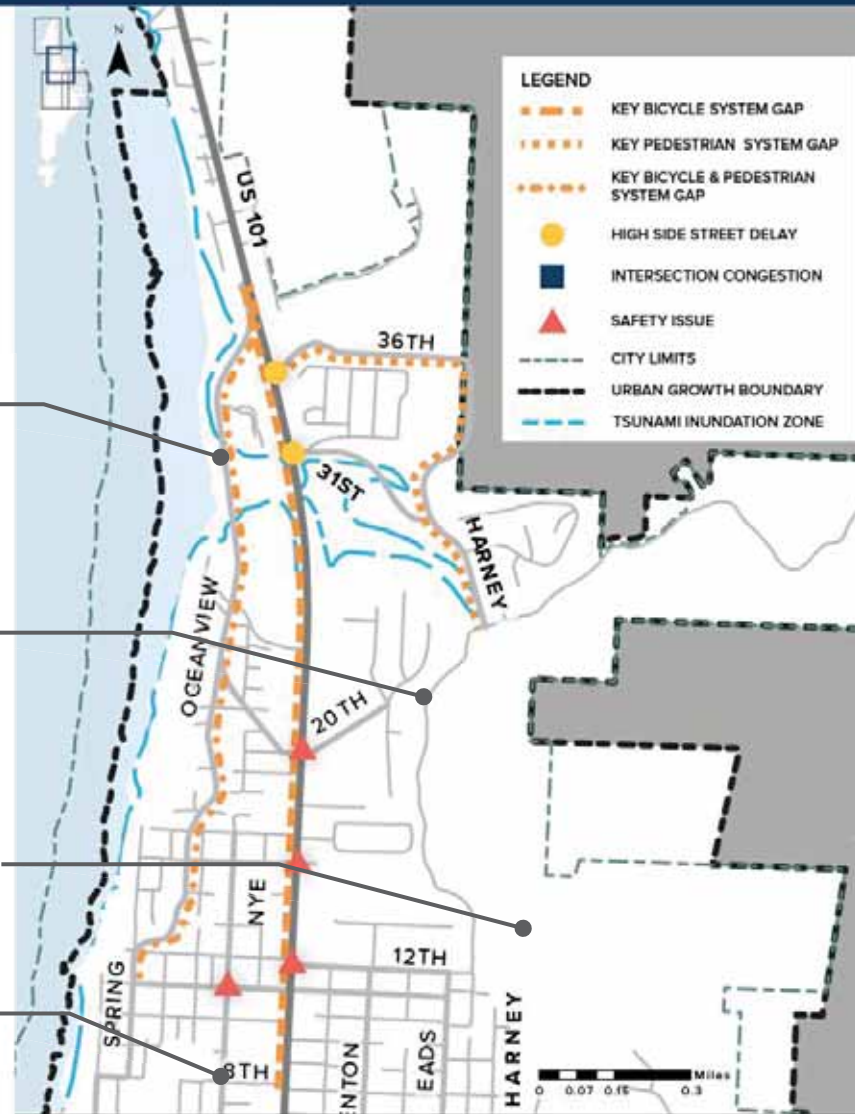
# EXISTING SYSTEM ISSUES MAP B

Oceanview connections

Future of Big Creek

Harney extension

NW Nye links



# EXISTING SYSTEM ISSUES MAP C

Nye Beach

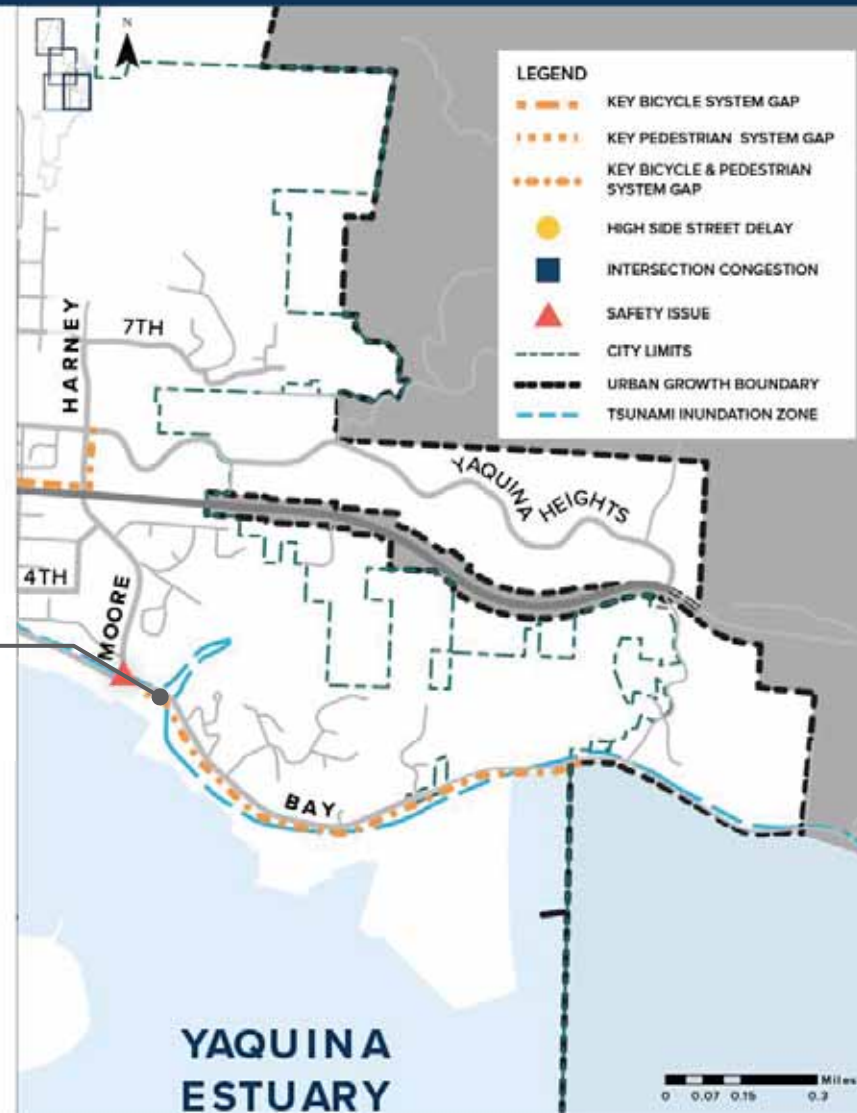
Harney Street

Hwys 101 and 20

Yaquina Bridge



# EXISTING SYSTEM ISSUES MAP D



Bayfront streets  
and circulation

# Geographies and Topics



CITYWIDE

WITH  
DERRICK!



AGATE BEACH /  
NYE BEACH /  
BAY BLVD

WITH  
CARL!



CITY CORE

WITH  
BEN!



HWY 101 BRIDGE /  
SOUTH BEACH

WITH  
JAMES!



# AGATE BEACH / NYE BEACH / BAY BLVD

---

- What is the future of these semi-improved streets?
- How does Agate Beach connect to the city?

# Key Issues - Agate Beach



- Possible changes to unimproved streets
- Property impacts
- Erosion
- Stormwater



- Crossing 101 to connect neighborhoods
- Connections from Agate Beach to city core

# NW Biggs

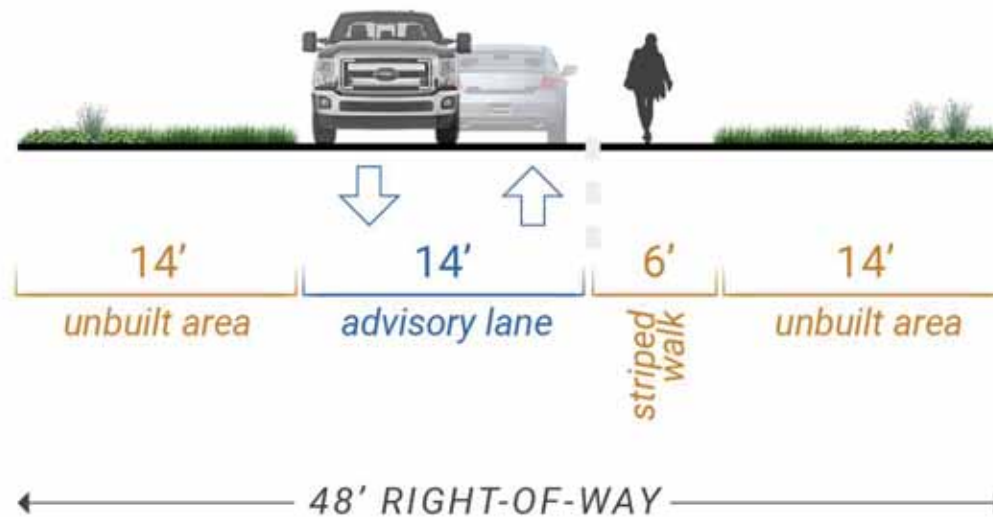
EXISTING



- Text

# Advisory Street

## CONCEPT



- Low-cost: narrowest paved or gravel width
- Low impact to current stormwater drainage
- Doesn't provide much separation of users

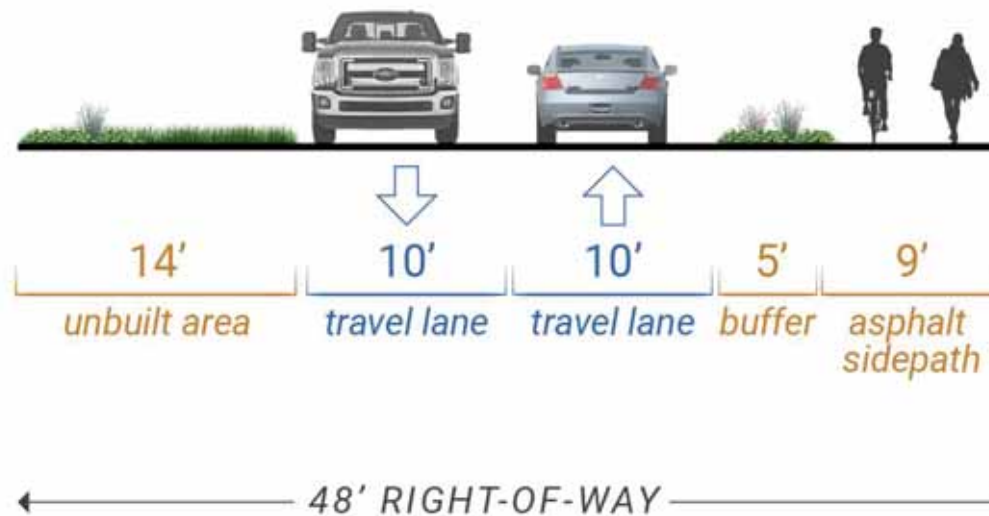


# Example - Advisory Street



# Sidepath

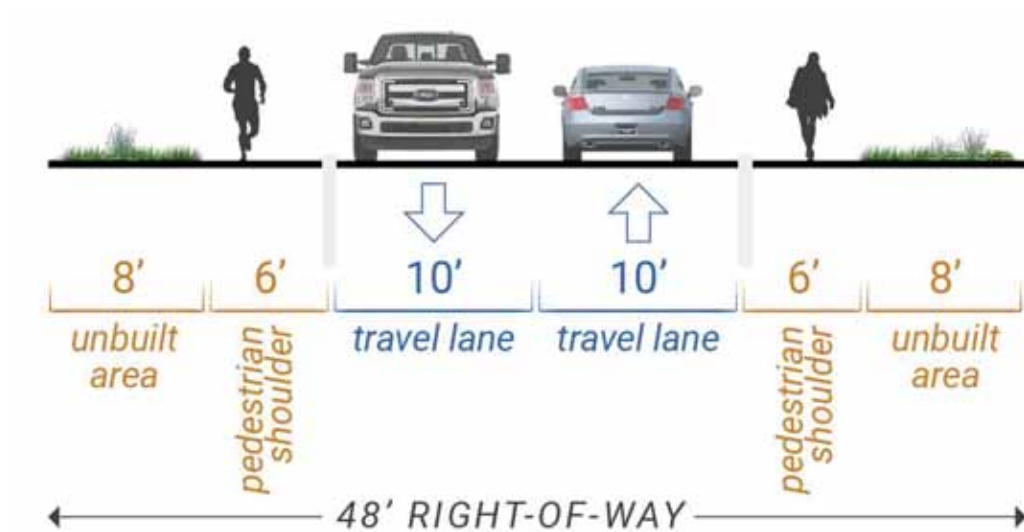
## CONCEPT



- Moderate-cost: new construction of sidepath
- Flexible: use different sides of street; pave or not the street
- More impactful to people's perceived front yard space

# Pedestrian Shoulder

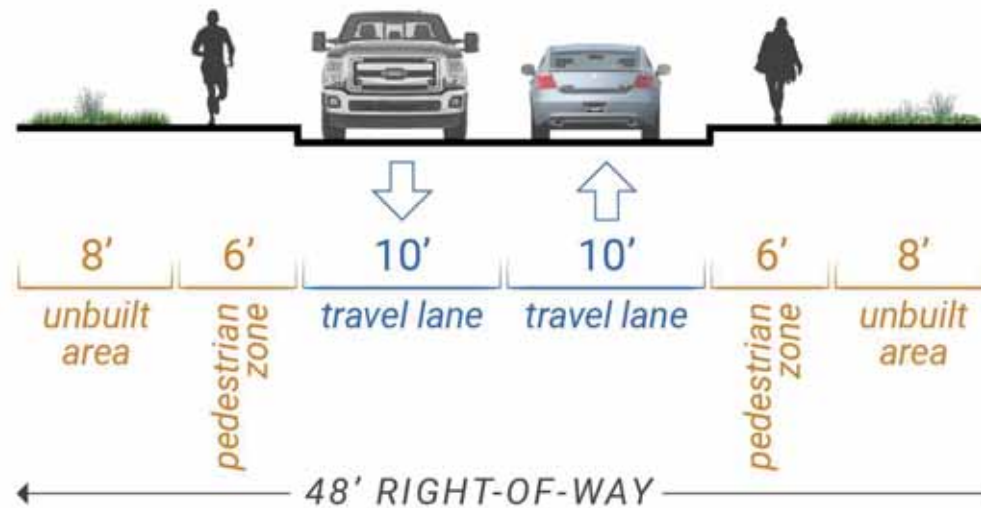
## CONCEPT



- Moderate-cost: wider paved width; possible stormwater needs
- Provides walking routes on both sides
- Risk of confusion between walking route and parking

# Full Sidewalks

## CONCEPT



- High-cost: street paving, new sidewalks, curbs, and gutters
- Better separation of people walking from vehicles
- Removes current informal on-street parking

# Examples



Shoulder walkway/bikeway



Newly paved local street with stormwater gutter

# NW Nye

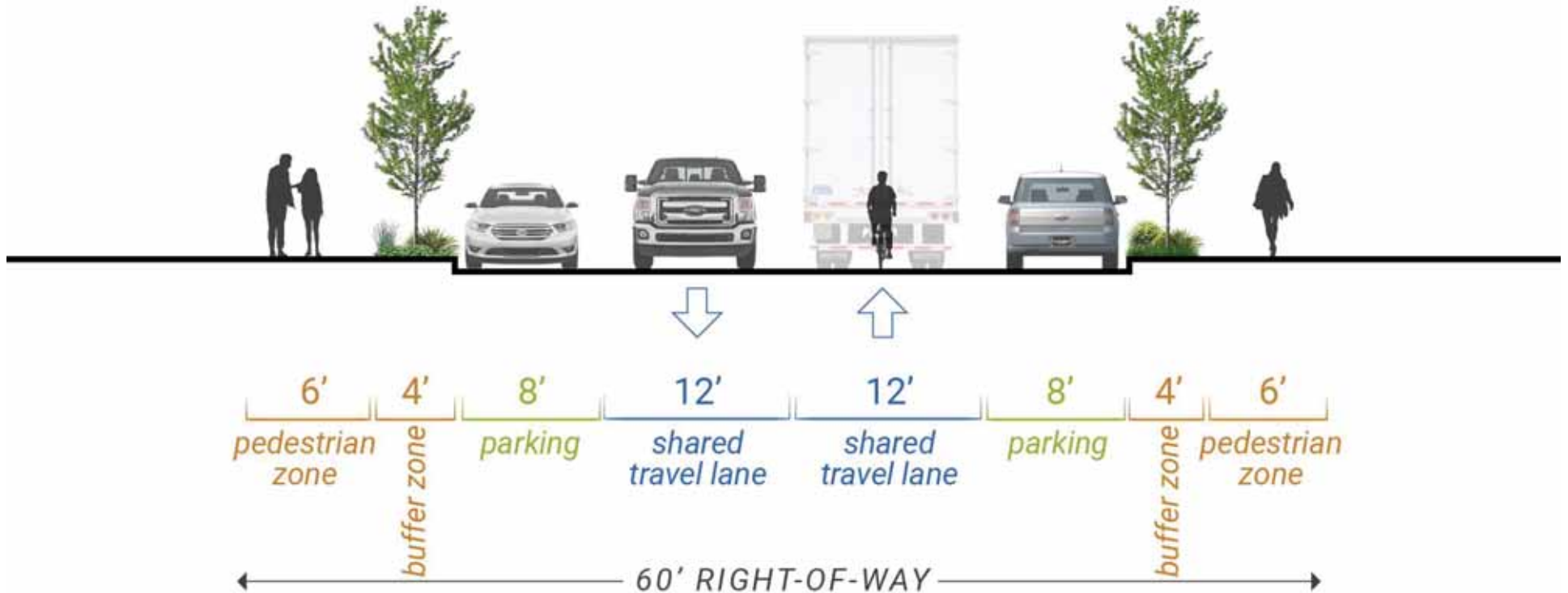
EXISTING



- Typical local/collector street
- Major sidewalk gaps
- Lacking bicycle facilities

# NW Nye - Shared Lanes

CONCEPT



- Shared bicycle and vehicle lanes
- Sidewalk area improvements

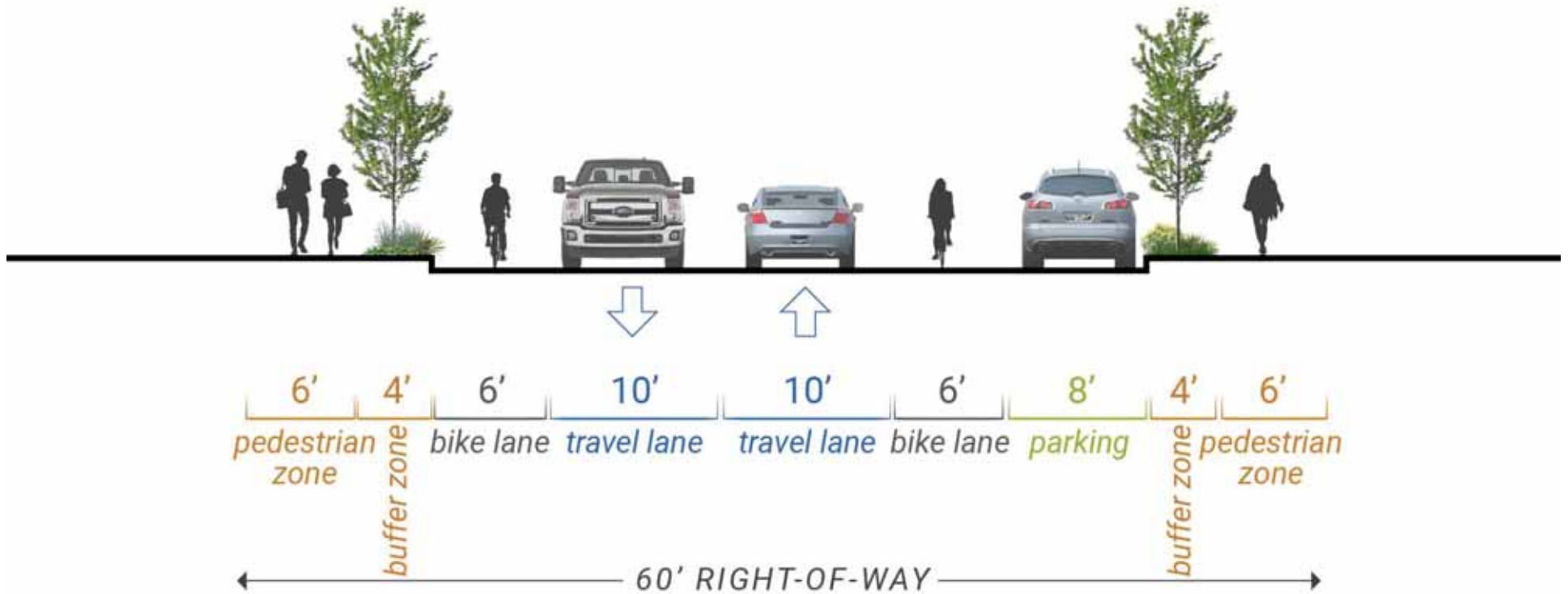
# Example - Shared Street





# NW Nye - Basic Bike Lanes

CONCEPT



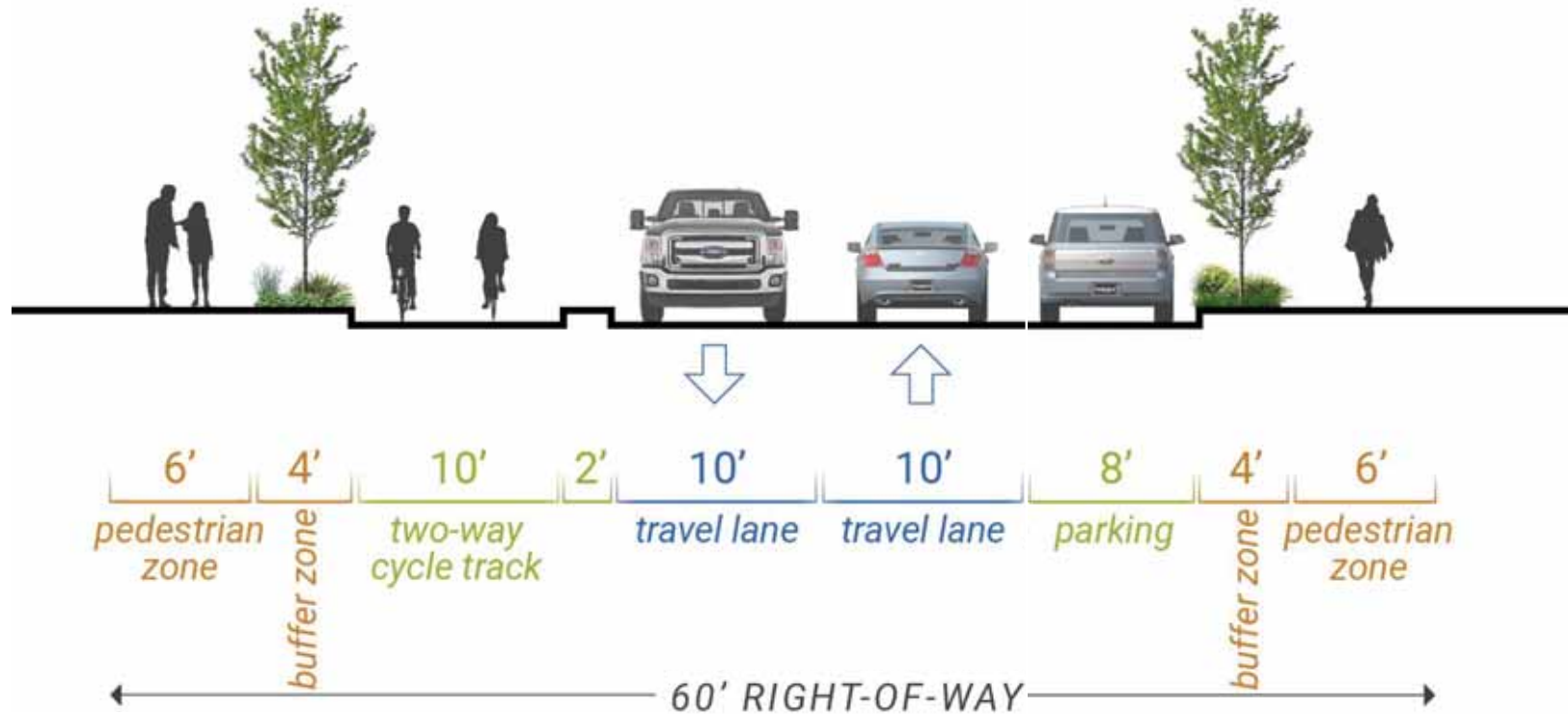
- Bike lanes in both directions
- Parking formalized on one side

# Example - Bike Lanes



# NW Nye - 2-Way Cycletrack

CONCEPT



- Protected cycletrack provides north-south connections
- Sidewalk and landscape improvements

# Example - 2-Way Cycletrack



# NW Oceanview

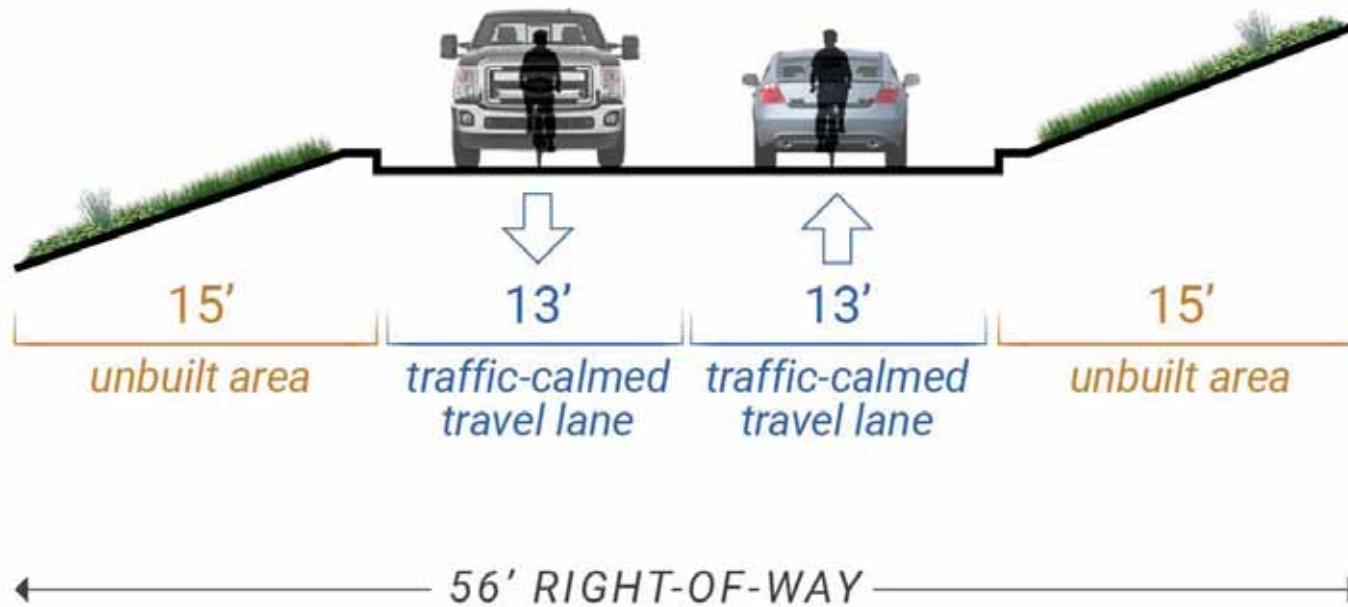
EXISTING



- Conventional 2-lane street
- No sidewalks or bicycle facilities
- Steep side slopes constrain options

# NW Oceanview - Shared Lanes

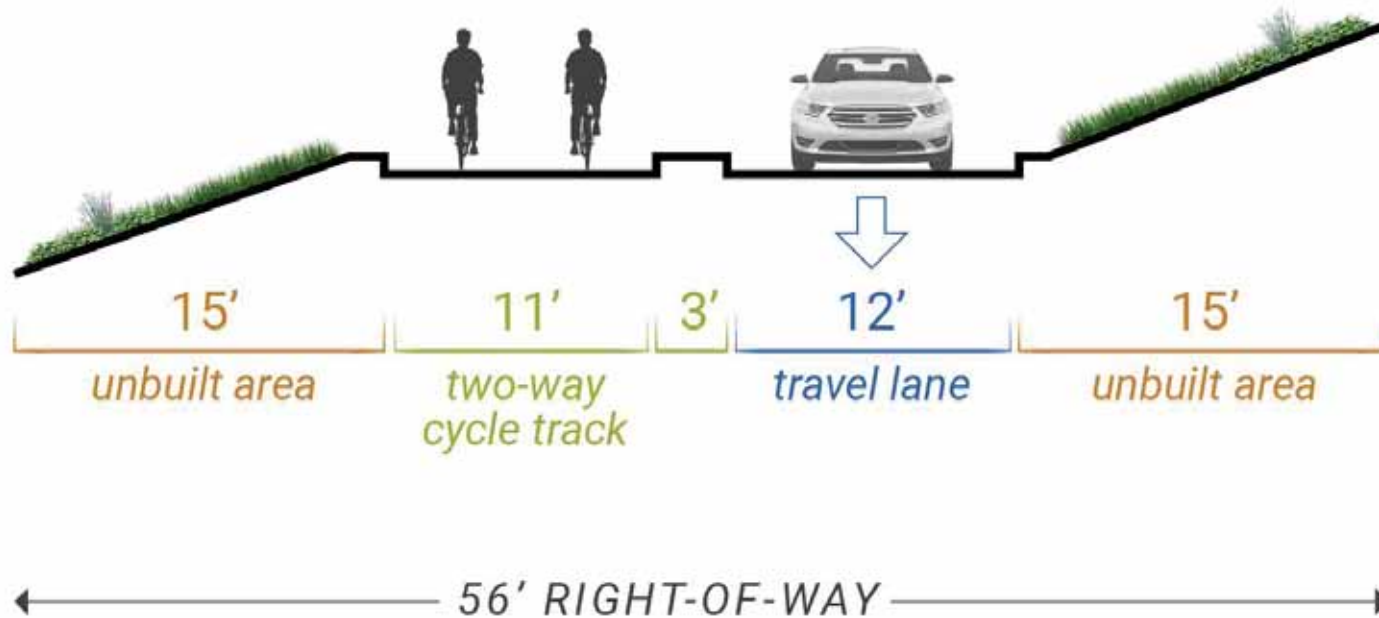
CONCEPT



- Traffic calming and slowing to make bicycle riding in the lane safer

# NW Oceanview - Bikes and 1-way cars

CONCEPT



- Vehicles adjusted to 1-way southbound
- 2-way cycletrack connection

# Key Issues



## NYE BEACH

- Pedestrian Safety
- Parking
- Congestion
- Business Access



## BAY BLVD

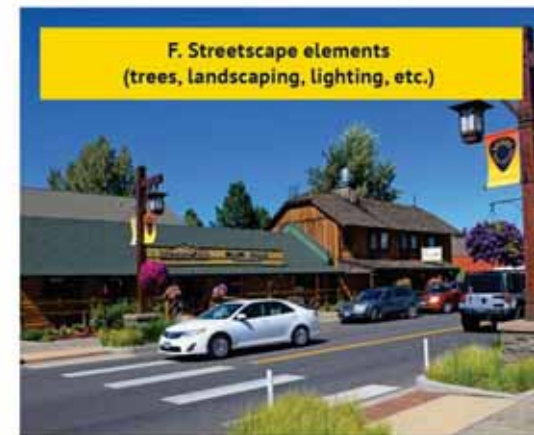
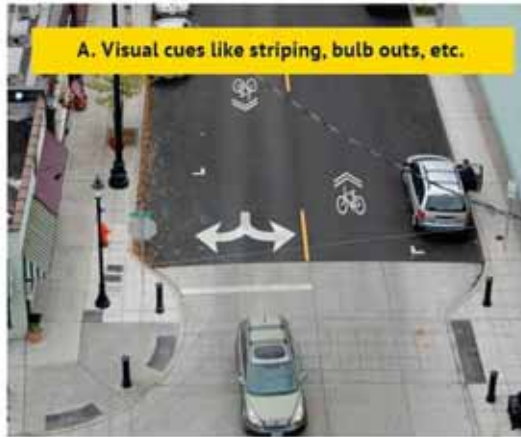
- Pedestrian Safety
- Parking
- Congestion
- Freight Access



# Management Options to Consider

- Pedestrian Safety
  - Improve crossing visibility
  - Improve sidewalk connectivity
  - Slow vehicles using visual cues or traffic calming
- Parking
  - Limit parking duration
  - Apply parking fees
  - Add more space in nearby surface lots
  - Provide circulator shuttle to off-site parking
- Congestion
  - Improve parking management
  - Encourage/enhance travel options to arrive by walking, biking or transit
- Business & Freight Access
  - Prioritize curb space for commercial vehicles

# Traffic Calming Options



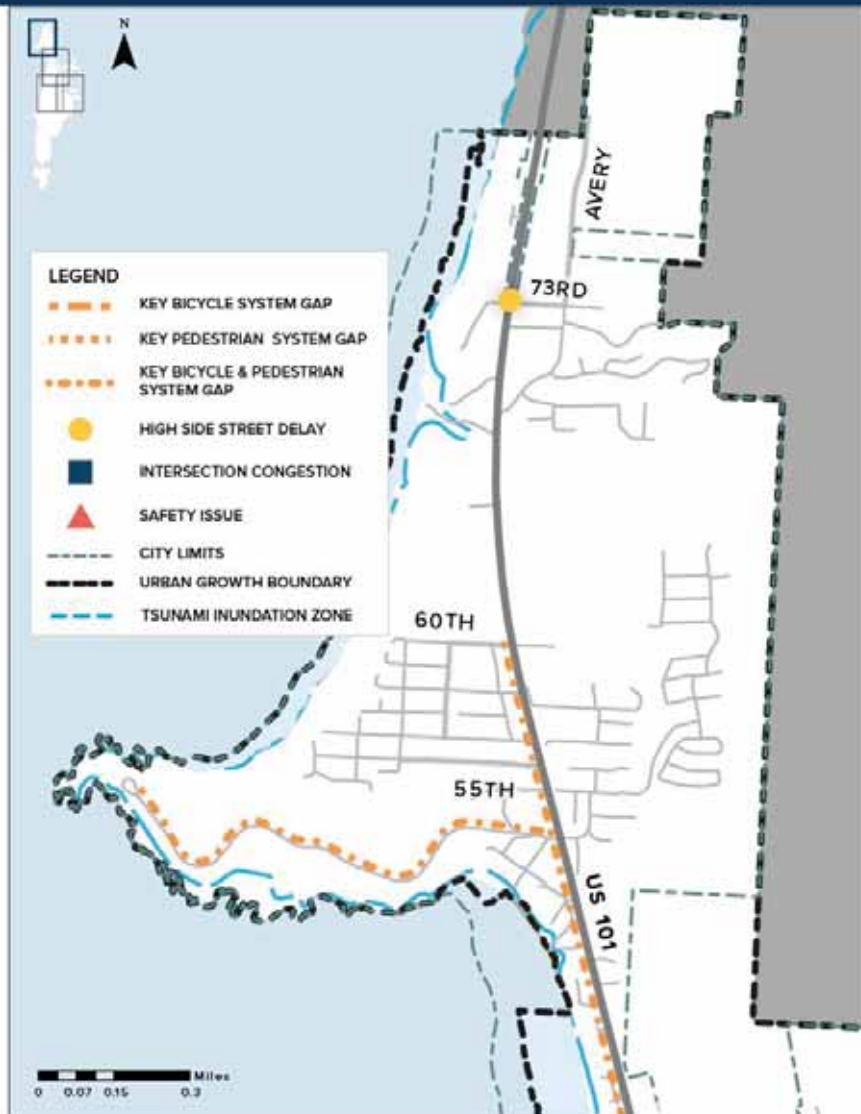
An aerial photograph of a coastal city, likely San Diego, showing a large bay, a sandy beach, and a densely populated urban area. The city is situated on a peninsula or coastal plain, with mountains visible in the background under a clear blue sky. The water in the bay is a deep blue, and the beach is a light tan color. The city buildings are a mix of white and light-colored structures.

# CITYWIDE

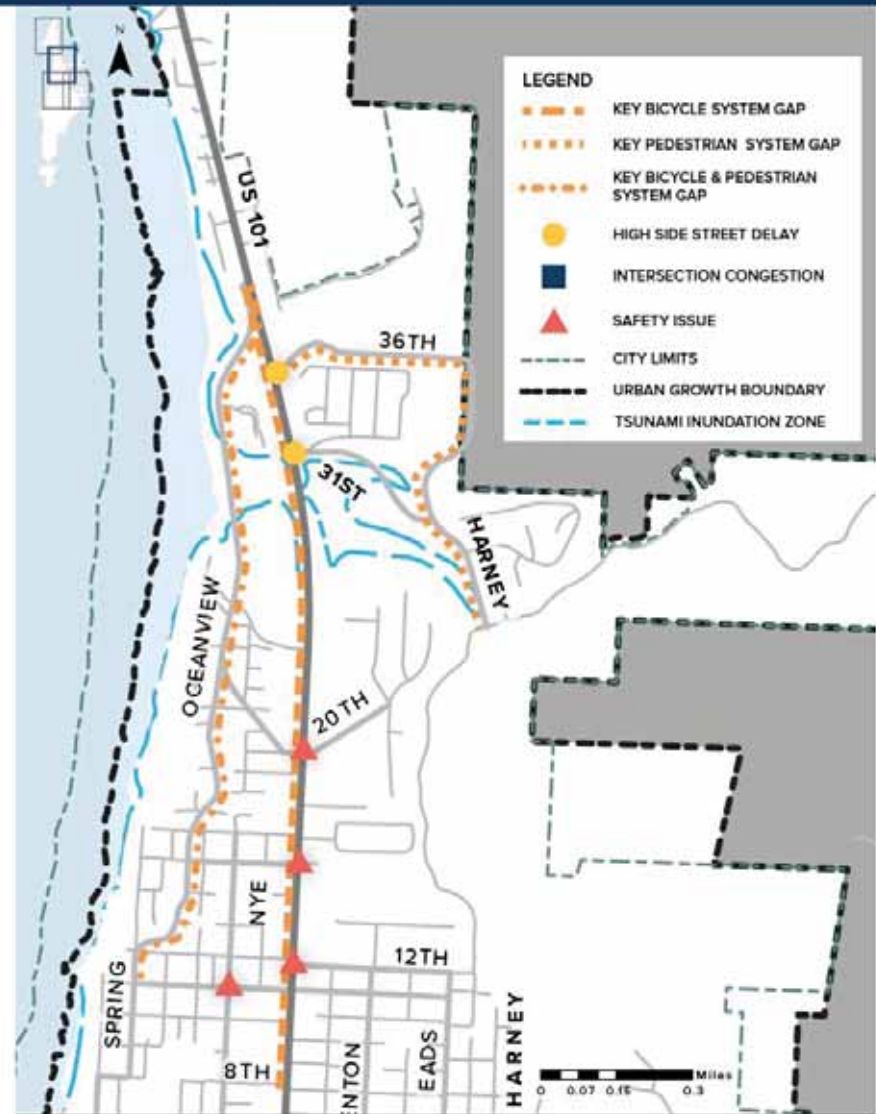
---

- How do you provide important non-highway connections?
- What street standards and safety improvements?
- Where should improved and new bikeways go?

# EXISTING SYSTEM ISSUES MAP A



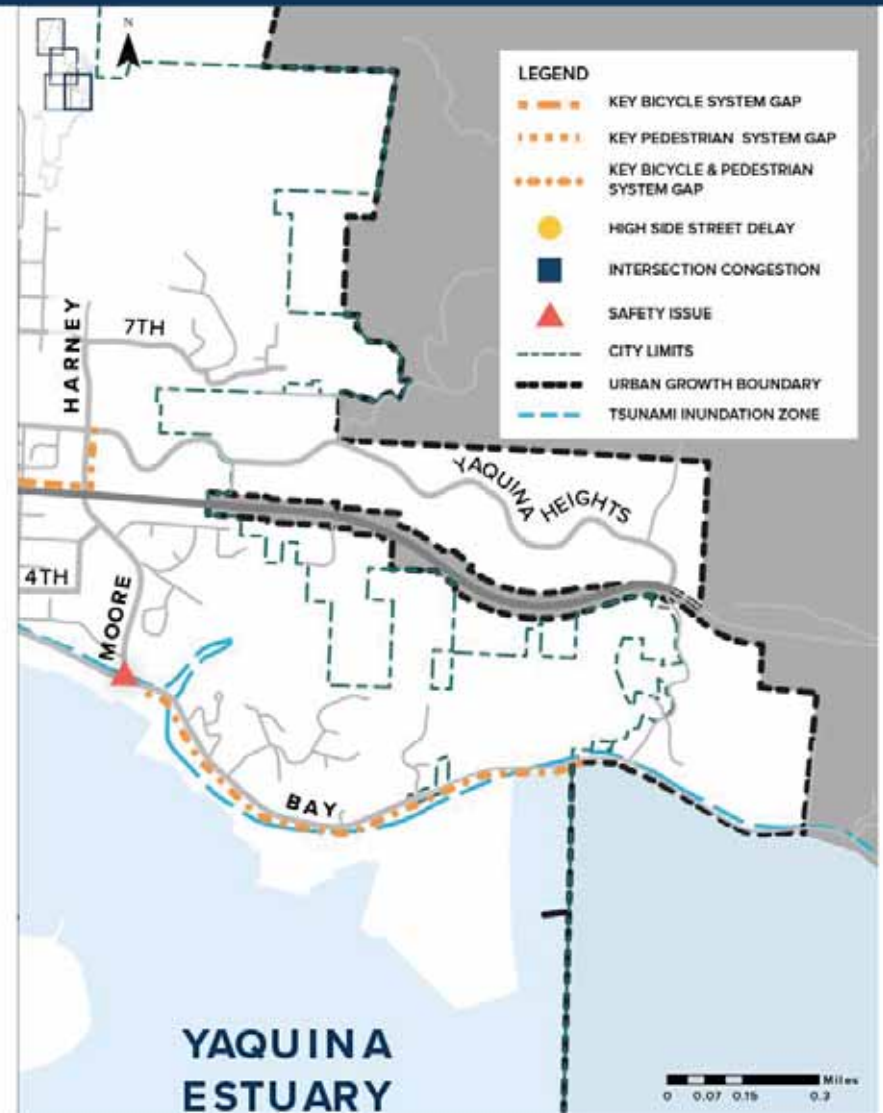
# EXISTING SYSTEM ISSUES MAP B



# EXISTING SYSTEM ISSUES MAP C



# EXISTING SYSTEM ISSUES MAP D



# Key Issues



## LOCAL STREETS

- Disconnected sidewalks
- Unclear parking options
- Potential to be part of bikeway network



## BIG CREEK

- Potential local connection

# Highway Alternatives

Oceanview / Nye / 7th

Big Creek

Harney Extension



# Bikeway Options

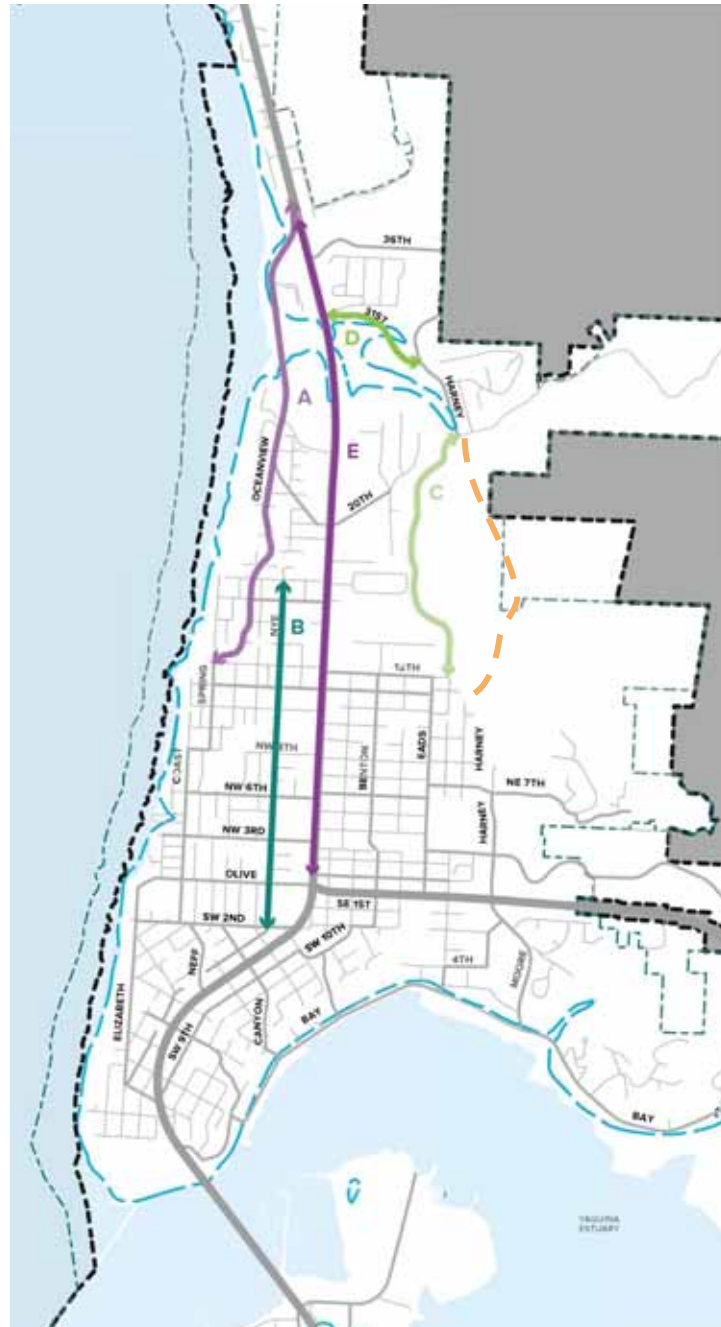
Oceanview

Nye

Big Creek / Harney / 31st

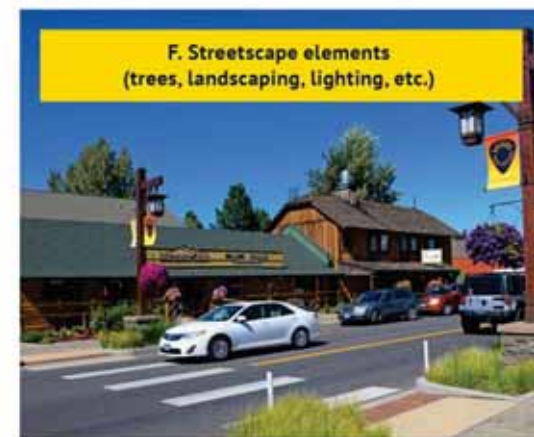
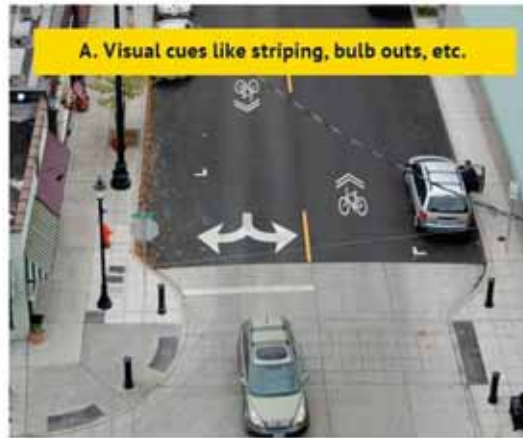
Harney Street extension

Hwy 101

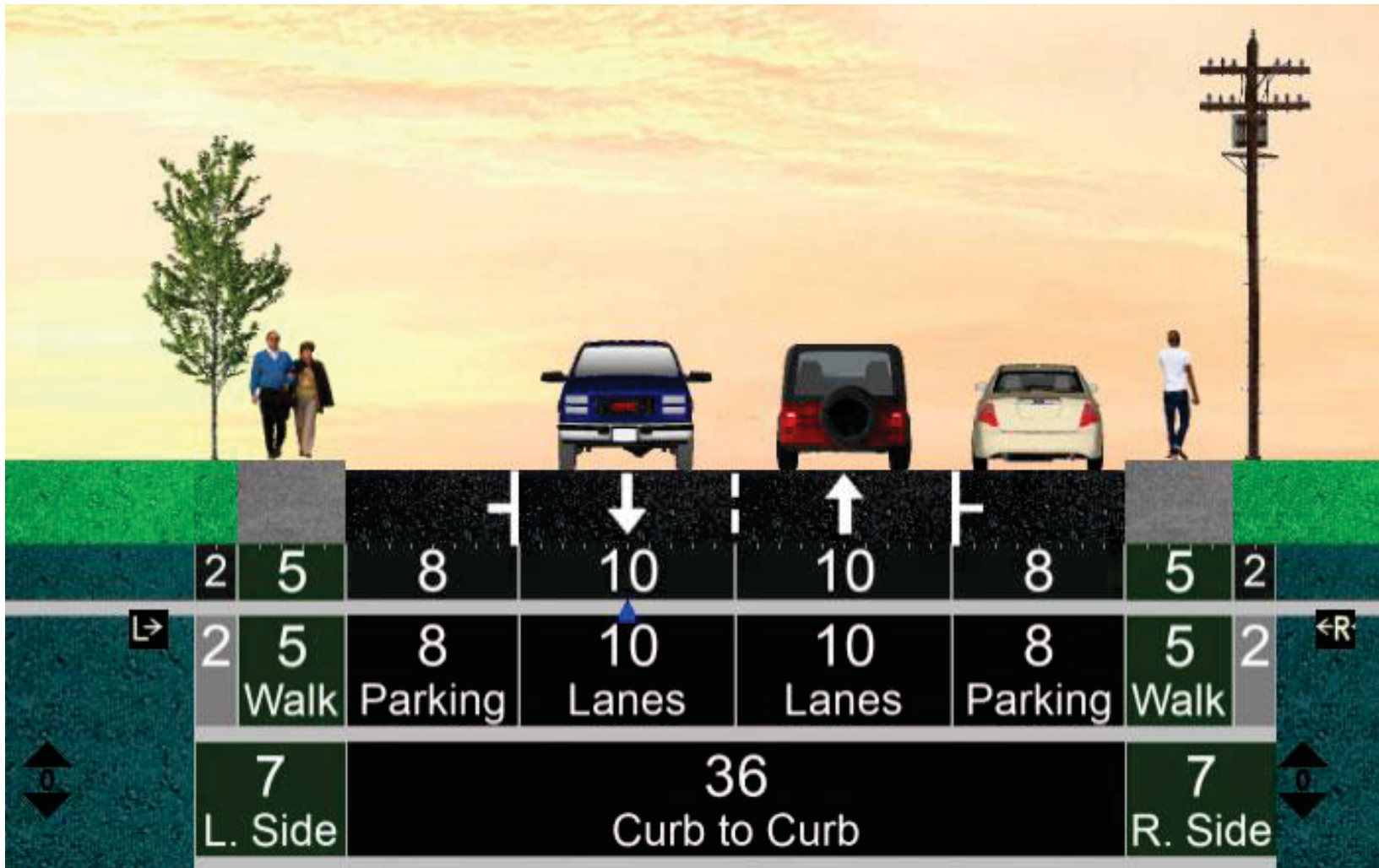




# Traffic Calming Options



# Neighborhood Street Standards

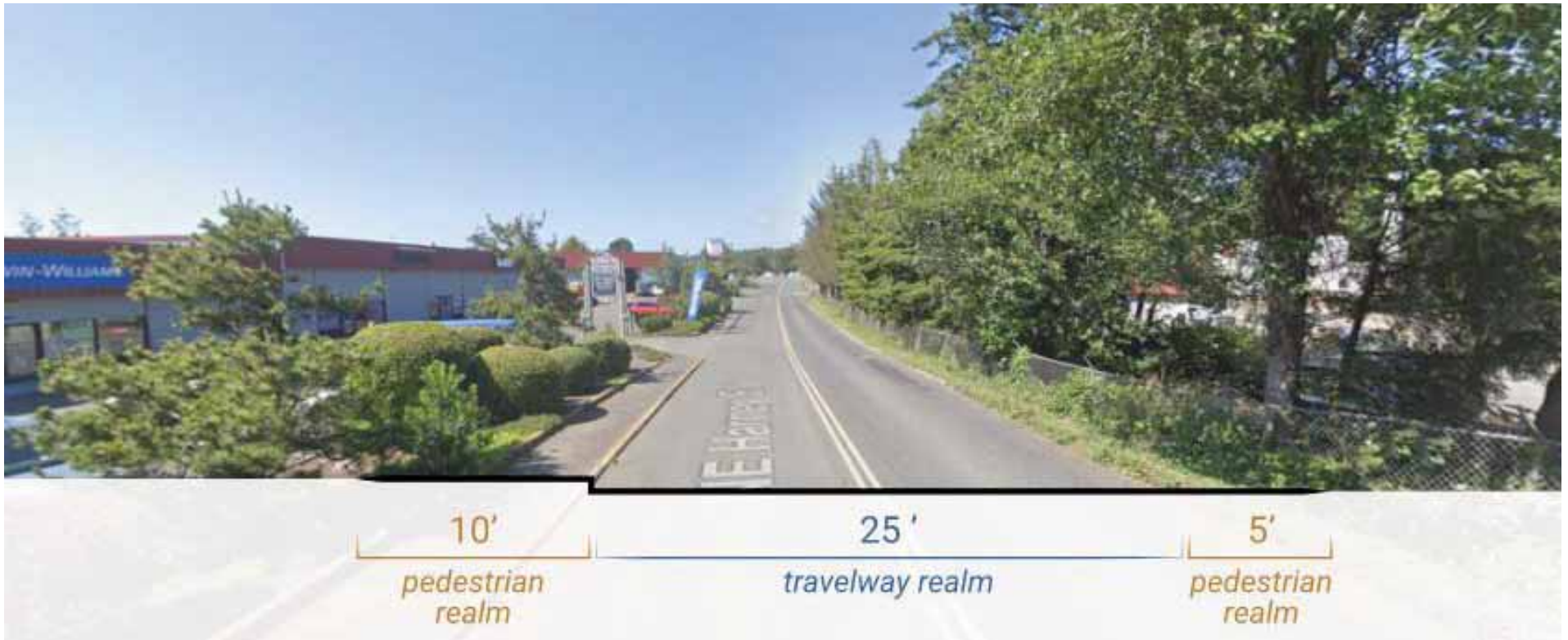


# Electric Vehicles



# NE Harney - between Hwy 20 and 3rd

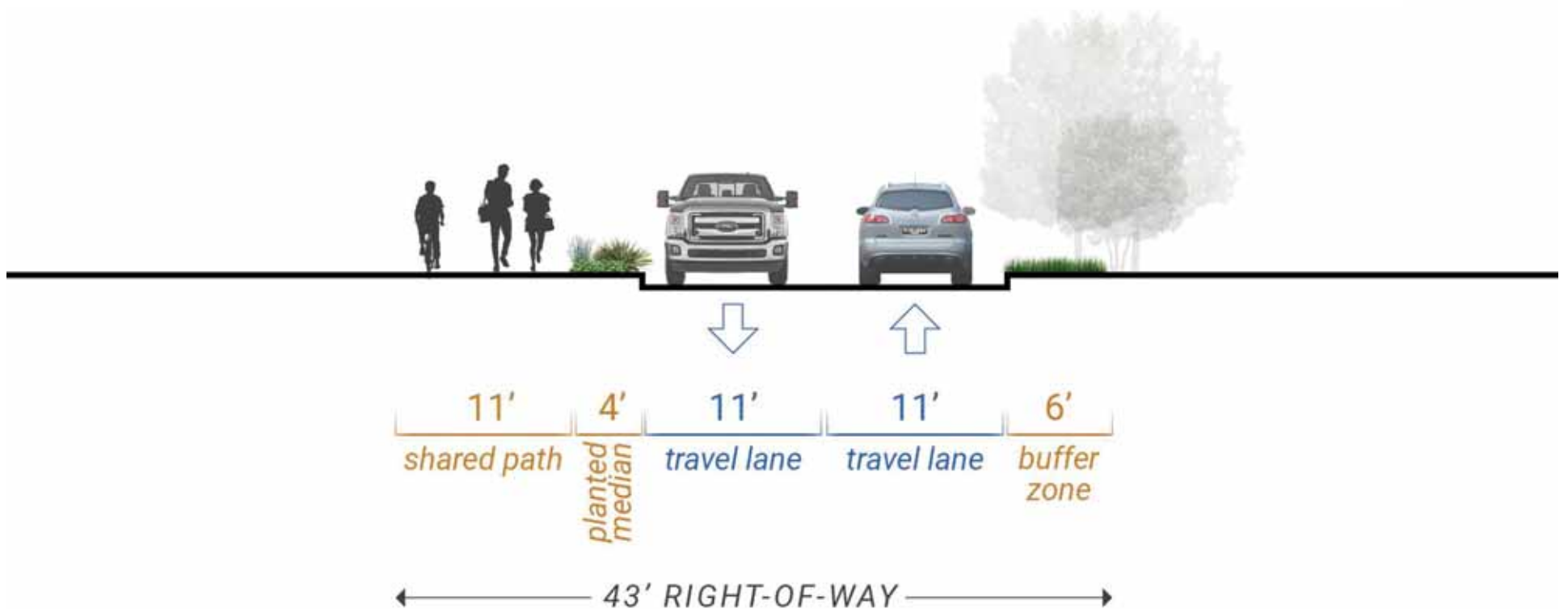
EXISTING



- Vehicle lanes
- No bicycle facilities
- Curb-tight, very narrow sidewalk

# NE Harney - Shared Path

CONCEPT



- New shared path for two-way walking and biking

# NE Harney - north of 3rd

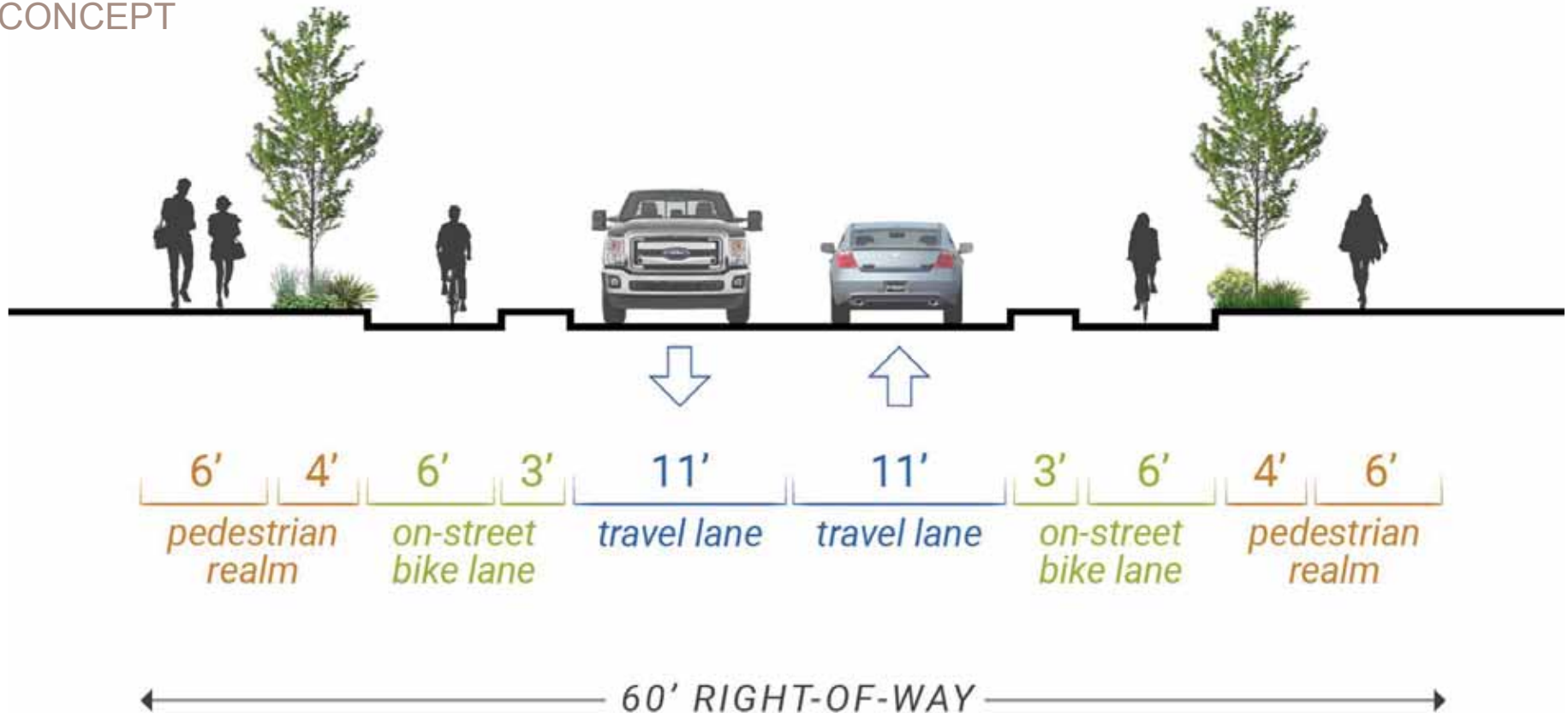
EXISTING



- Vehicle lanes
- Bike lanes
- Parking
- Curb-tight sidewalks

# NE Harney - Protected Bikelanes

CONCEPT



- Retain vehicle lanes
- Add protected bike lanes
- Improve sidewalks and landscape/buffer
- Remove on-street parking

A photograph of a city street intersection. In the foreground, a tall black street lamp stands on the sidewalk. The street is paved and has a crosswalk. In the background, there are several buildings, including a pinkish one and a darker one with a 'BANK OF WEST' sign. A yellow pedestrian crossing sign is visible on the right. The sky is overcast.

# CITY CORE

---

- Future of Hwy 101 and Hwy 20 in city core
- How can street design improve the business and pedestrian environment?
- How do we fix the toughest intersections?



# Key Issues



## HWY 101

- Seasonal congestion and turn movement issues
- Business access
- Poor crossing safety



## HWY 20

- Turning congestion
- Unfriendly business environment
- Poor walking / biking

# Hwy 101

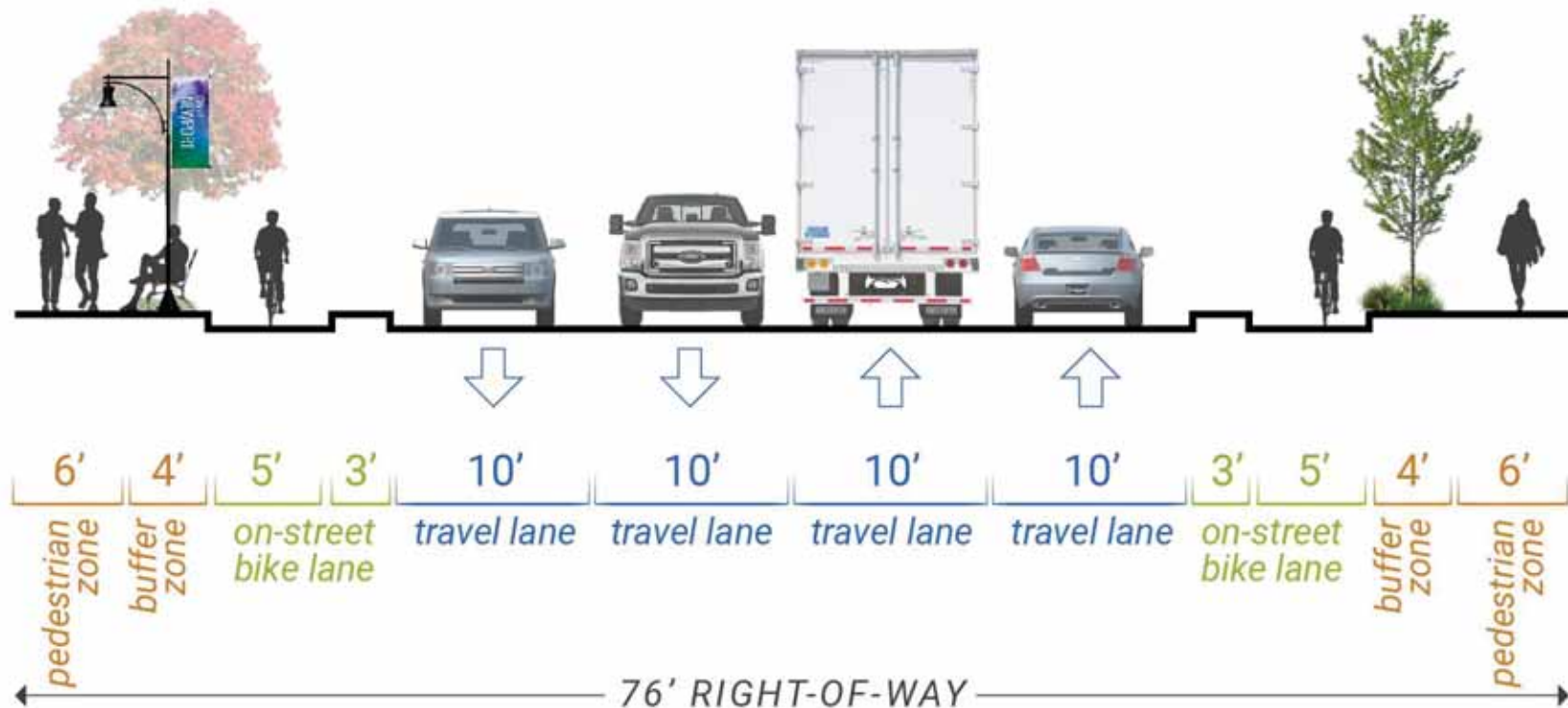
EXISTING



- Narrow sidewalk widths
- Lack of any streetscape features
- Poor and infrequent crossing locations
- Congestion and turn-movement backups

# Hwy 101 - 2-way improvements

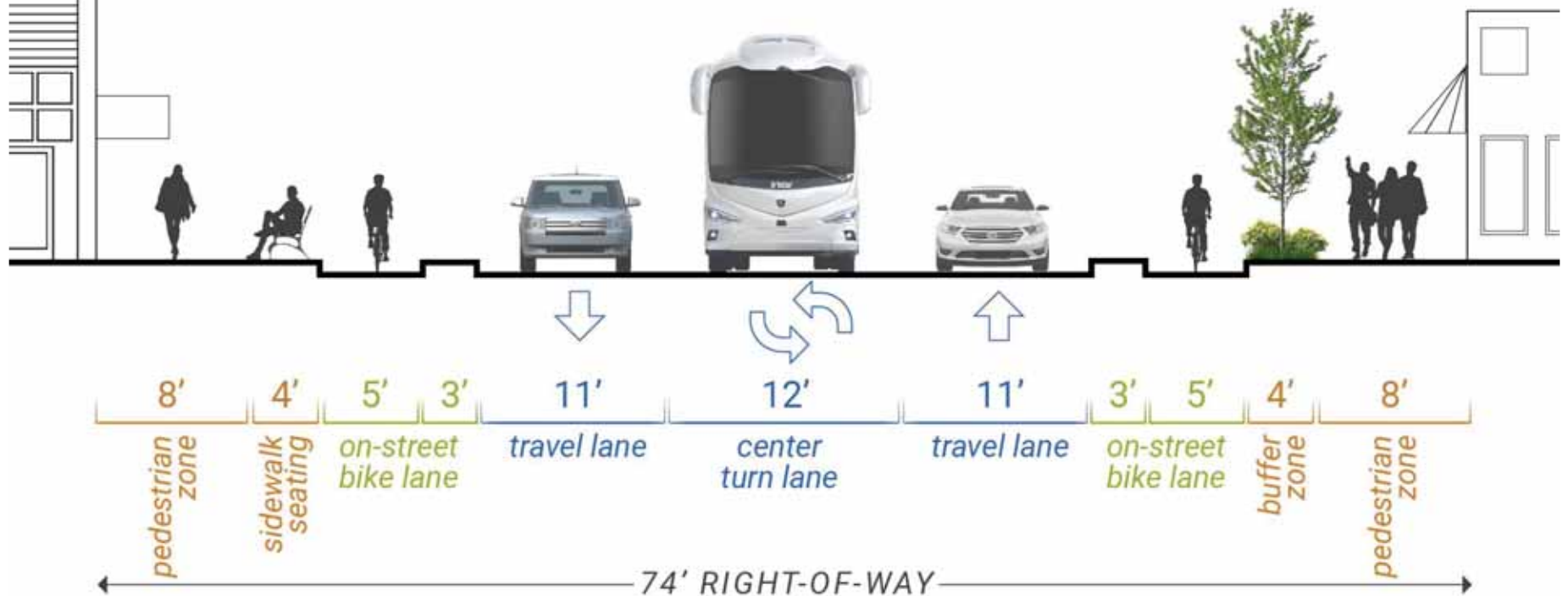
CONCEPT



- Narrow sidewalk - but with landscape and buffers
- Adds protected bike lanes (removed parking)
- Maintains 2-way, 4-lane travel
- Options for turn restrictions to ease congestion

# Hwy 101 - 2-way with turn lane

CONCEPT



- Widens sidewalk and adds landscape and buffer zone
- Adds protected bike lanes (removed parking)
- Reconfigures road to 3-lane

# Hwy 101 Couplet

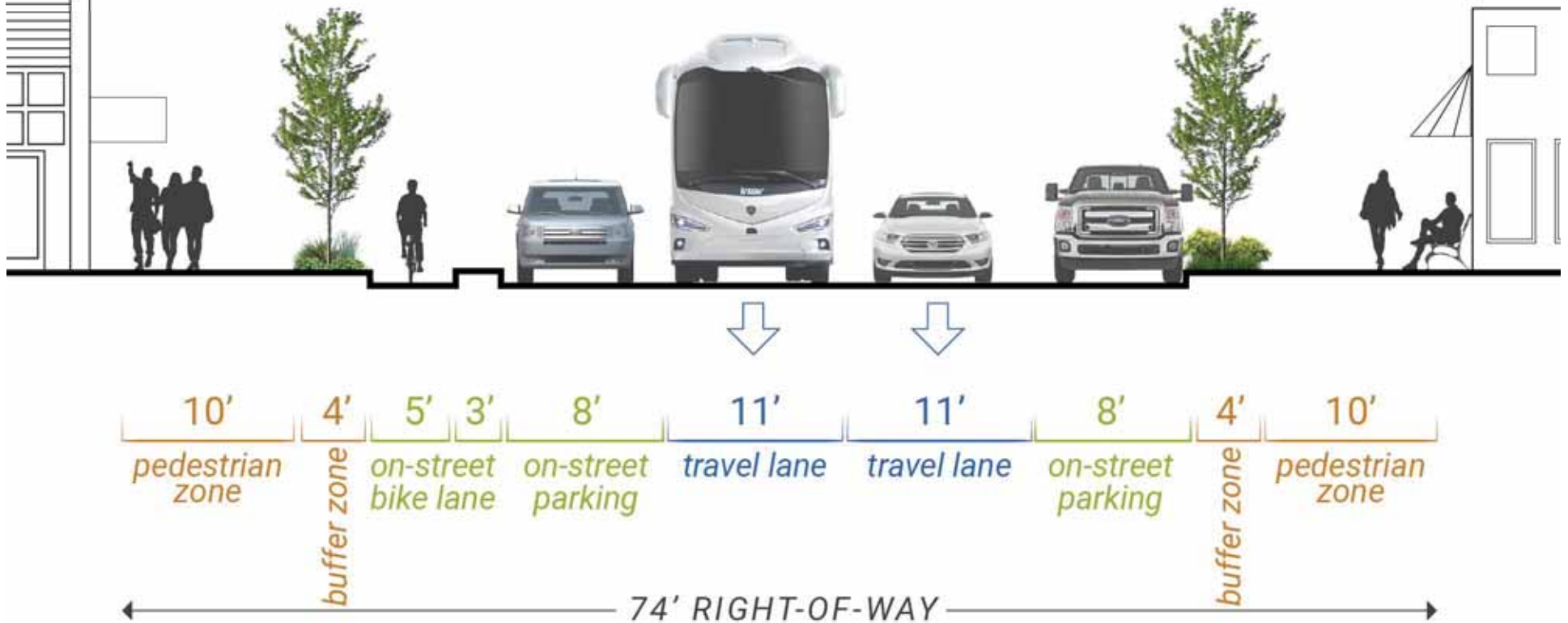
Core 101 Couplet

Extended 101 Couplet



# Hwy 101 - 1-way couplet

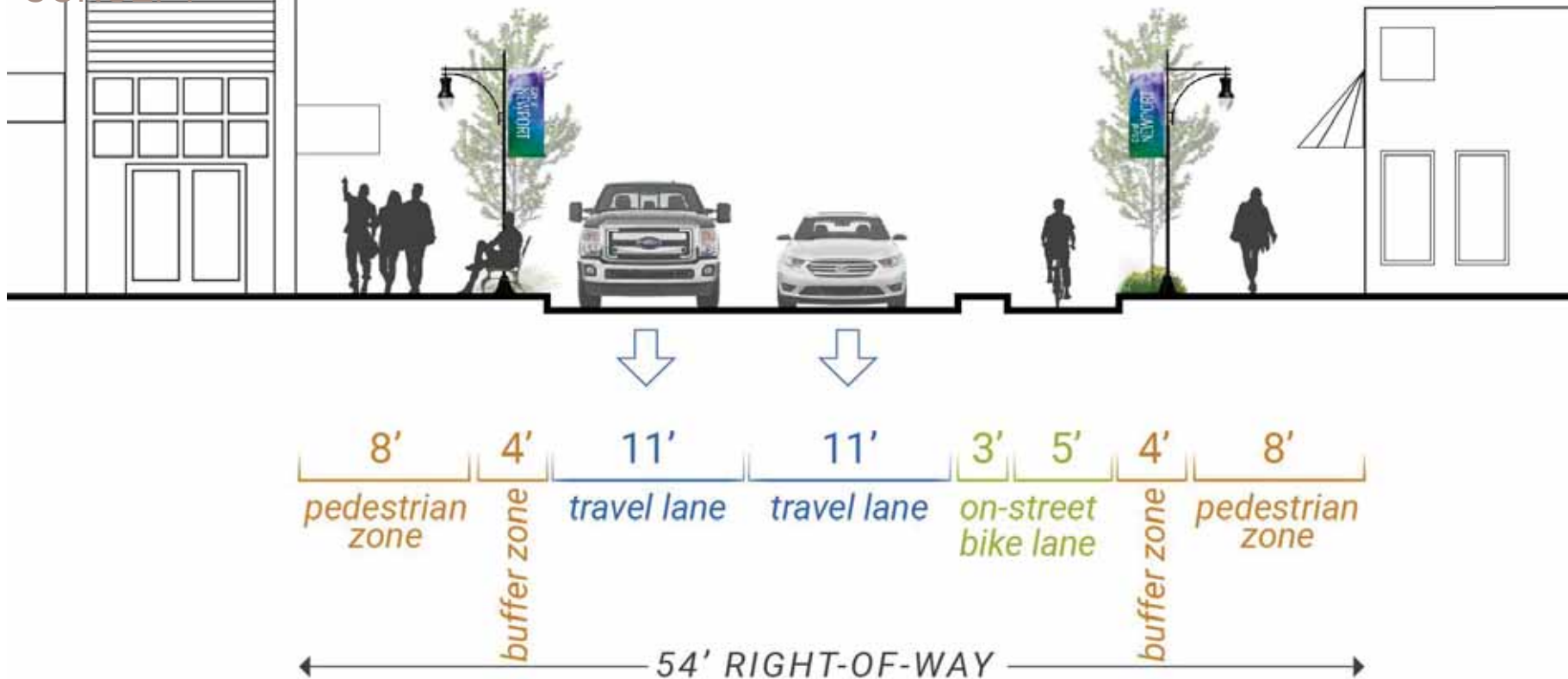
CONCEPT



- Widens sidewalk and adds landscape and buffer zone
- Adds protected bike lane
- Preserves parking
- Reconfigured to 2-lanes (southbound)

# Hwy 101 - SW 9th as couplet pair

CONCEPT



- Widens sidewalk and adds landscape and buffer zone
- Adds protected bike lane
- Removes parking
- Reconfigured to 2-lanes (northboundbound)

# Hwy 20

EXISTING

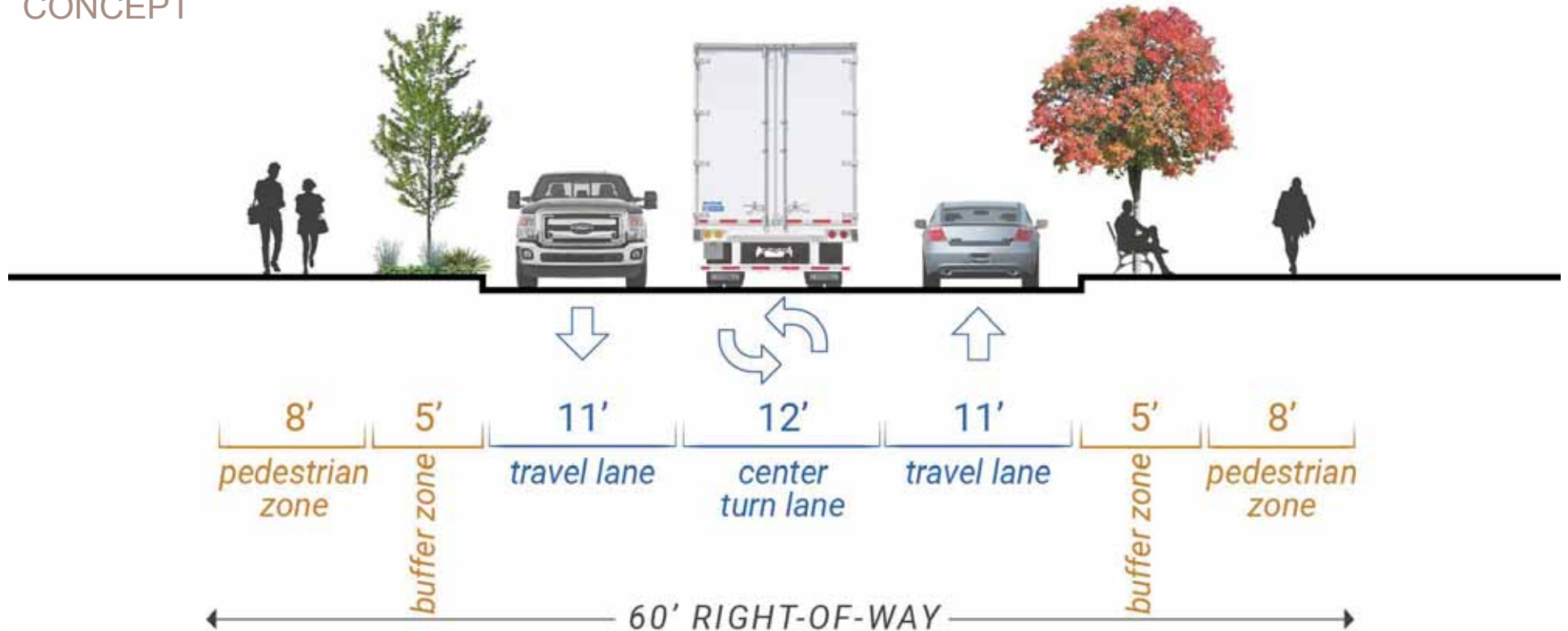


- Narrow sidewalk widths
- Unnecessarily wide lanes
- Unwelcoming for business growth and access



# Hwy 20 - Sidewalk improvements

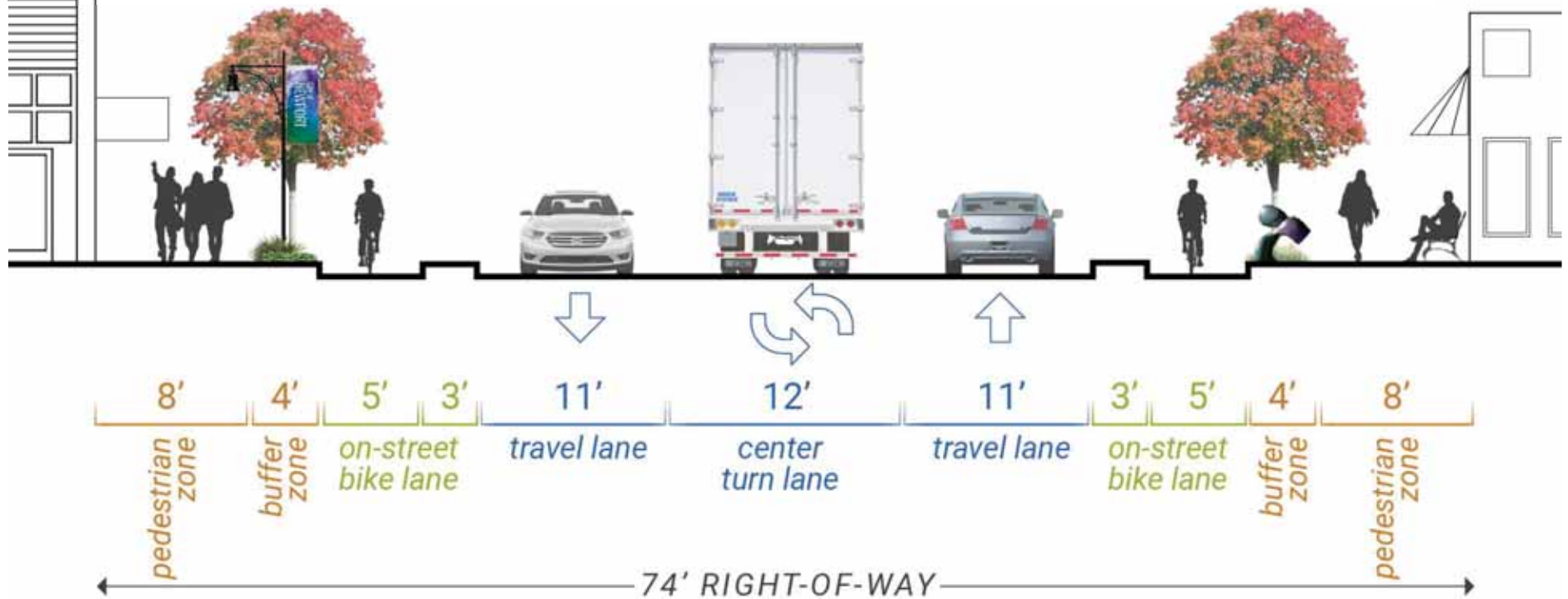
CONCEPT



- Vehicle lane narrowing to current standards
- Wider sidewalks and a new landscape/buffer zone

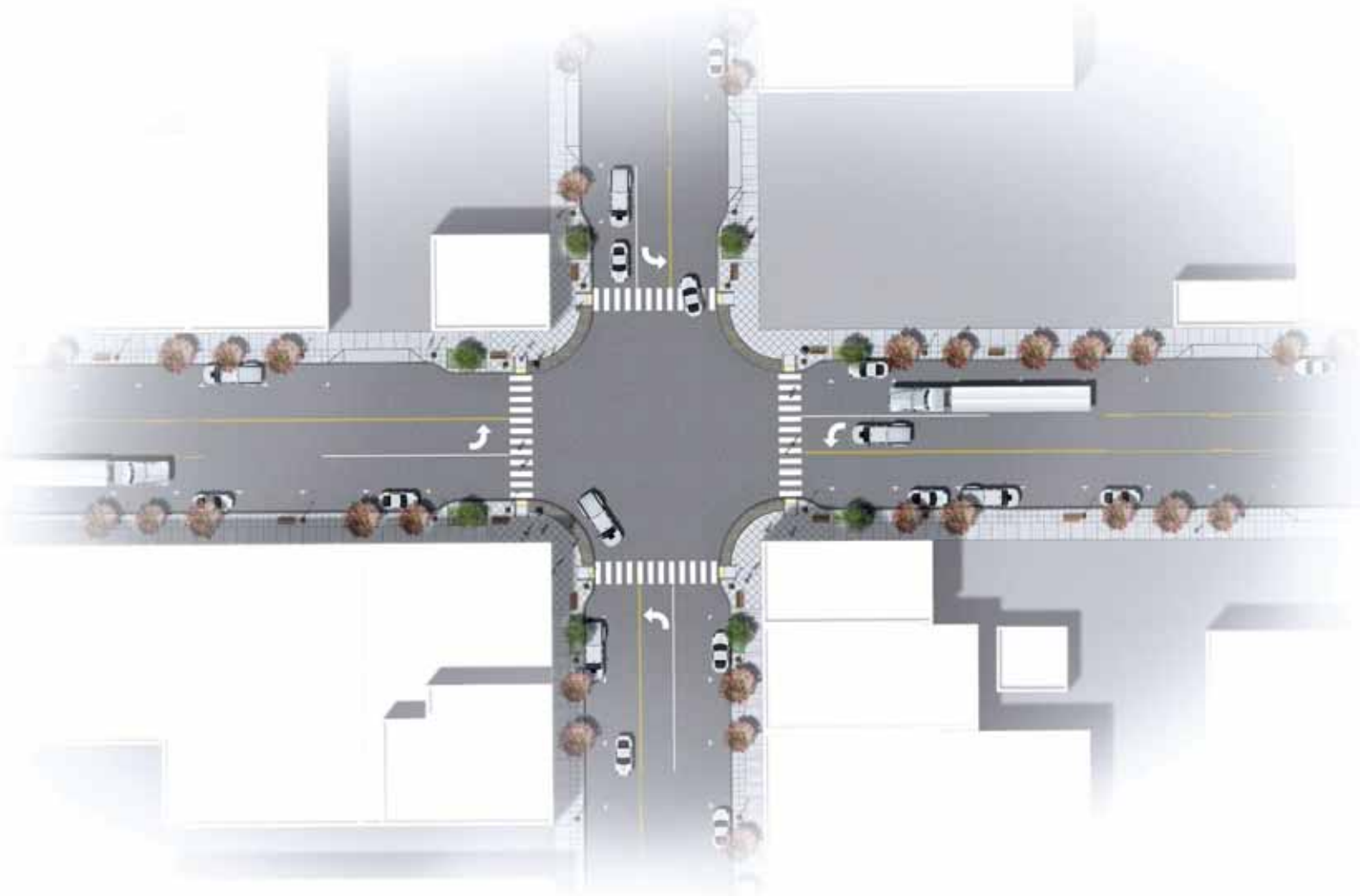
# Hwy 20 - Bikeways and Sidewalks

CONCEPT

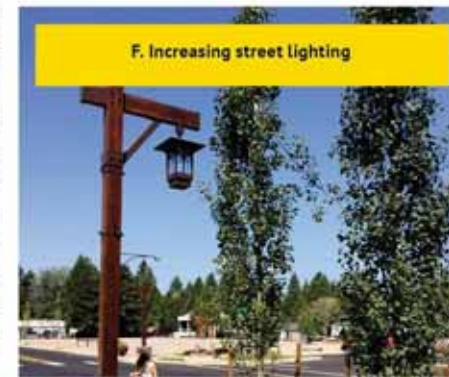


- Vehicle lane narrowing to current standards
- Wider sidewalks and a new landscape/buffer zone
- Protected bikeway added in both directions
- Required right-of-way expansion to 74'

# Example: 3-lane



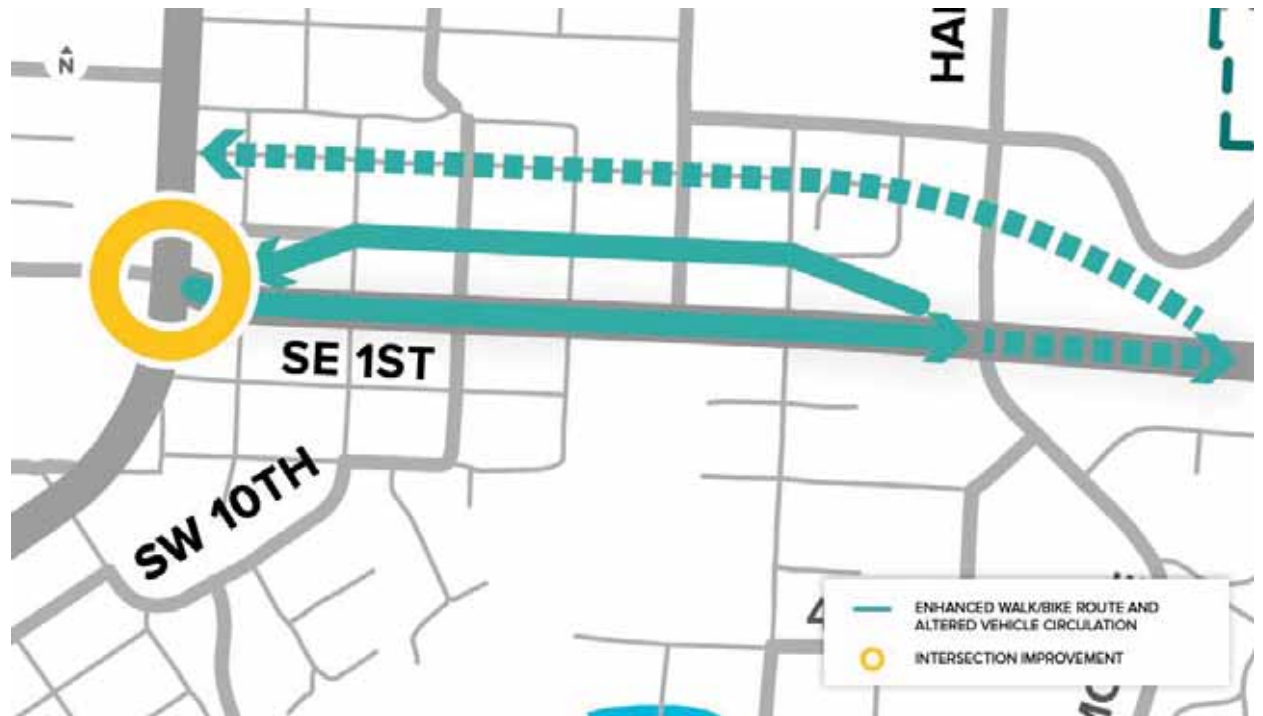
# Examples: Highway Improvements



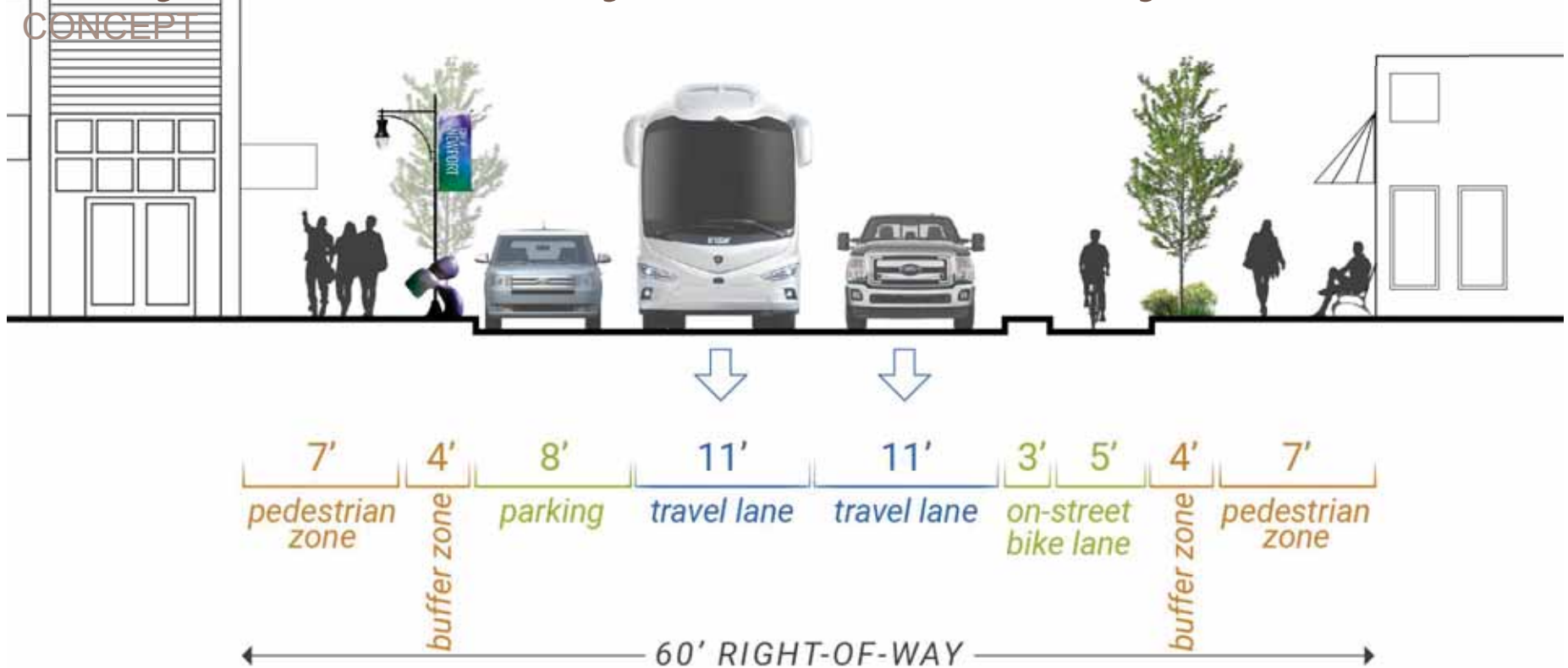
# Hwy 20 Couplet

 Couplet using NE 1st  
for westbound

 Couplet using NE 2nd  
for westbound



# Hwy 20 - 1-way with bikeway



- Street converted to 1-way as part of a couplet; 2-lanes
- Landscape/buffer zone added to sidewalk
- Protected bikeway added
- Parking added on one side - improved access to businesses

# Example: Couplet



# Example: Couplet







Albany, OR



Winslow, WA



Tillamook, OR



Walla Walla, WA



Klamath Falls, OR



Eugene, OR



Bozeman, MT



Portland, OR



Sisters, OR

# Traffic Operations

- Peak hour congestion is highest at US 101 & US 20
- By 2040, congestion at US 101 & US 20 will be severe
- High pedestrian crossing volumes on US 101

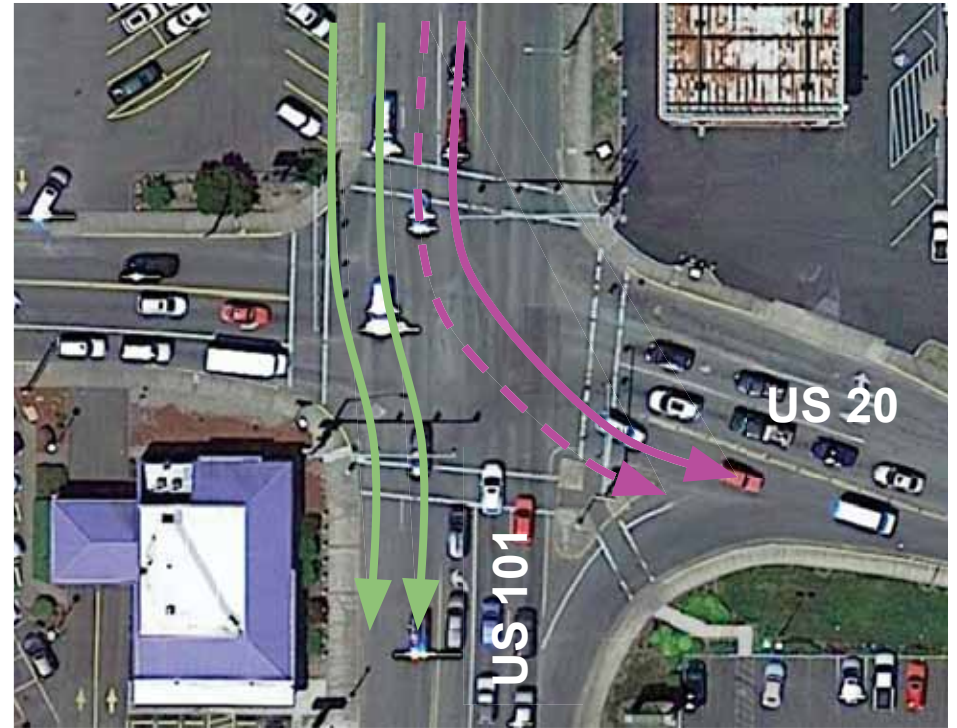


# Intersection: Hwy 101 / Hwy 20



## RIGHT TURN SLIP LANES

- Separates right turn moves and clears the thru lanes
- Longer crosswalks, but could have islands



## MORE LEFT TURN LANES

- Increases 101-20 capacity
- Requires larger intersection
- Make longer walking crossings

# Example: Downtown Highway



\*2-lane configuration unlikely in Newport

# Example: Couplet



# Intersection: Hwy 101 / Hwy 20



- Turn-movement delays
- Long pedestrian crossings with long delays
- Access management issues with nearby streets and driveways

A large steel arch bridge spans across a body of water. In the background, a city skyline is visible, featuring several tall buildings. The scene is captured from a low angle, looking up at the bridge's structure. The sky is overcast and grey.

# HIGHWAY 101 BRIDGE AND SOUTH BEACH

---

- Current maintenance work
- Hwy 101 signal improvement projects
- Oregon Coast Bike Route options





# Yaquina Bay Bridge Maintenance

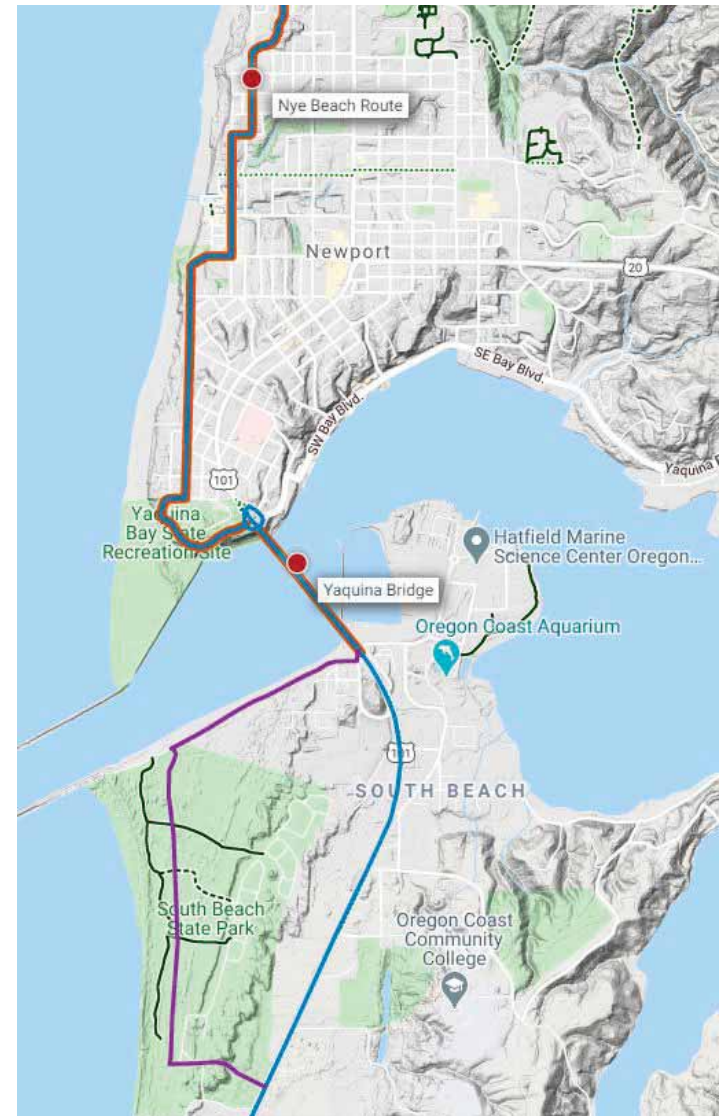
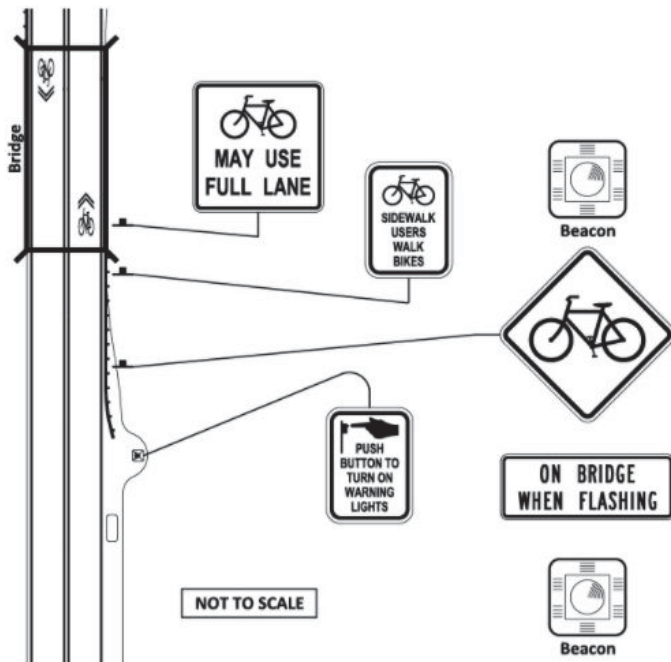
- Duration: 2020 - 2023
- Corrosion protection
- Concrete repairs
- Seismic upgrades





# Oregon Coast Bike Route Options

- Shared lane marking
- Flashing beacons
- Variable speed controls
- Shuttle or ferry bypass



# Hwy 101 / SE 32nd Signal Project

- Duration: Jan 2021 - late 2021
- Signal moved to SE 35th and 101
- New 35th St
- Ferry Slip / US 101 Closed
- Multi-use path extended across Hwy 101
- New US 101 Sidewalk
- Utilities Undergrounded

