Community Meeting

September 24, 2015
Lake Grove Presbyterian Church
7:00 – 9:00 PM

Presentation Overview

- Project Background
- Schedule
- Progress
- Next steps

Project Outcomes

Boones Ferry Road - Centerpiece of the Lake Grove area

- Safe, welcoming and convenient pedestrian and bicycle environment
- Auto traffic accommodated efficiently and safely
- Stormwater treated naturally
- Businesses needs met successfully

Project Limits

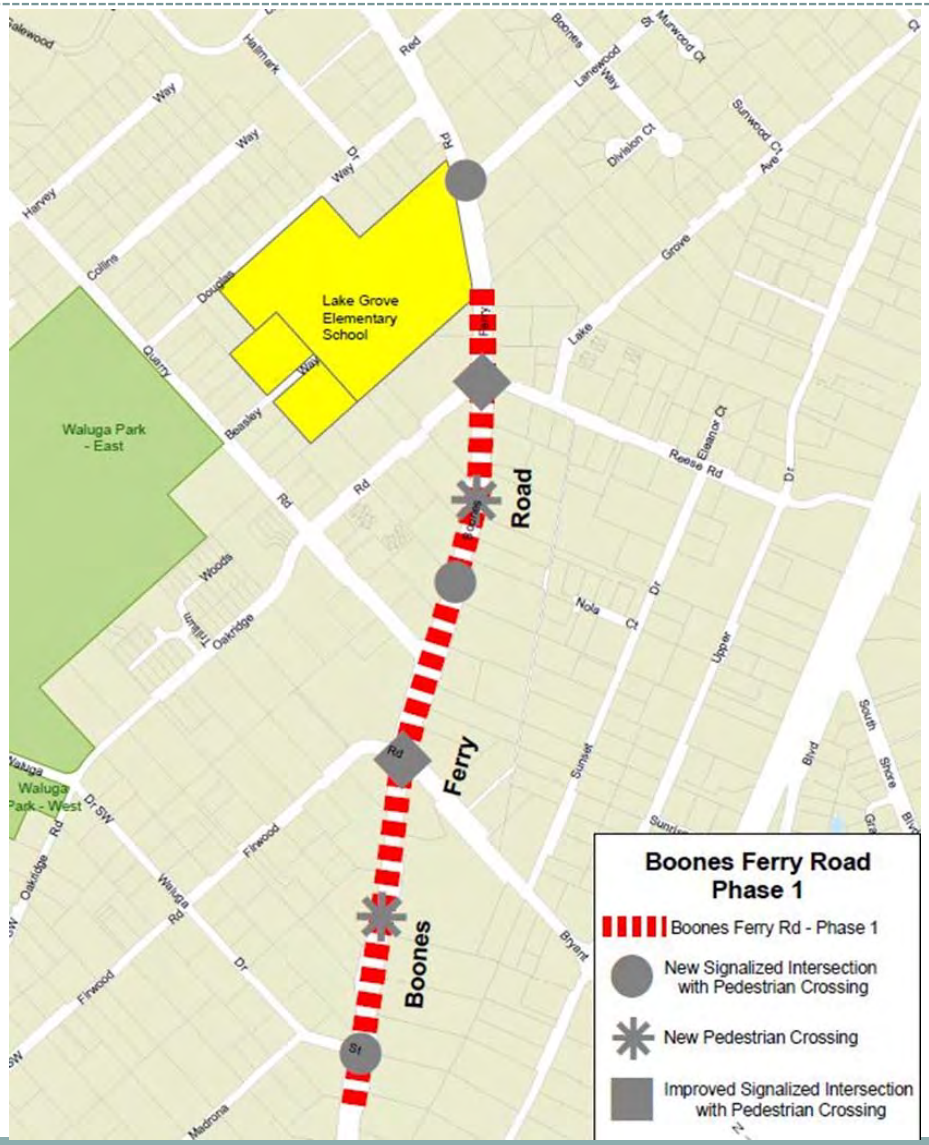
Phase 1 street improvements north of Oakridge/Reese to just south of Madrona

Traffic signals upgraded at Oakridge/Reese and Bryant/Firwood

New traffic signals installed at Lanewood, the McDonald's driveway, and Madrona

New pedestrian crossings

Phase 2 extends north to approximately Mercantile Drive



Design and Construction Schedule

- 2015
  Project Development and Preliminary Design
- 2016 to mid-2017
  Final Design and Right-of-Way Acquisition
- Mid-2017 to 2018
  Construction

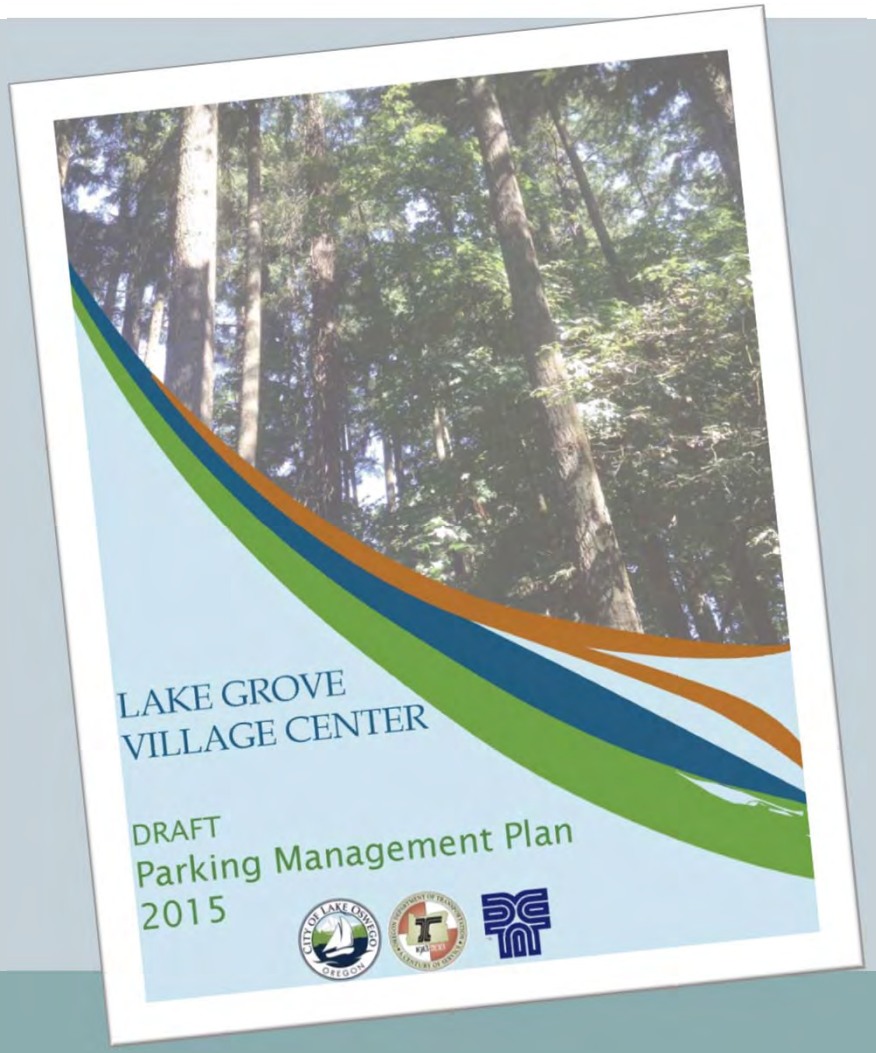
Preliminary Funding Plan

Phase 1 estimate:
$26.9 million

- $17.4 million
  City Bonds (backed by TIF)
- $5 million
  General Obligation Bond
- $4 million
  Oregon Department of Transportation Federal Grant
- $500,000
  Transportation System Development Charges

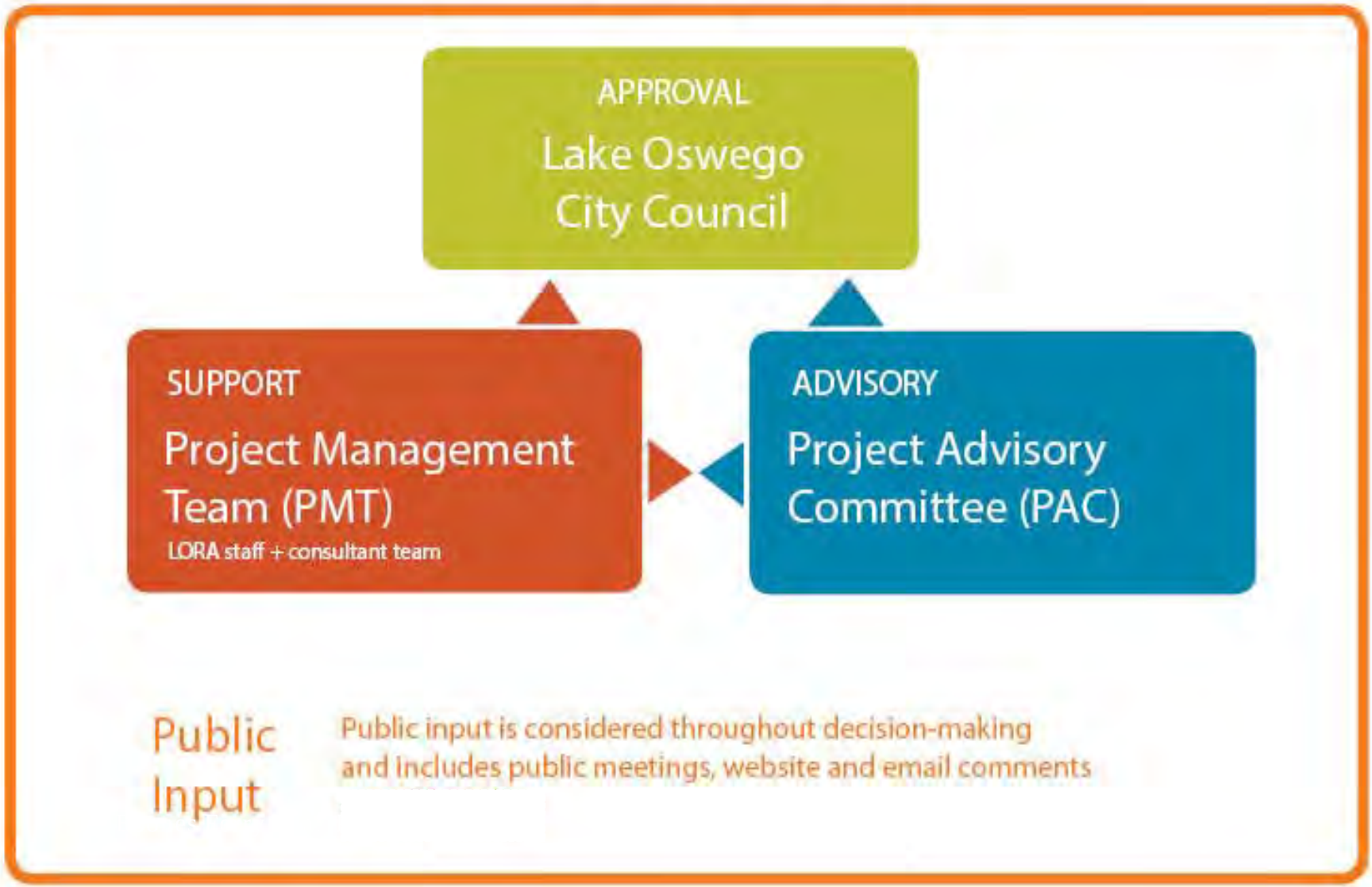
Other Planning Efforts Underway

- Lake Grove Village Center Parking Management Plan



Boones Ferry Road Improvement Project

Decision Making Structure



Progress to Date

- Six Project Advisory Committee Meetings
- PAC Direction on:
  - Roadway Design
  - Intersection Design
  - Identity / History
  - Streetscape Elements

Roadway Design

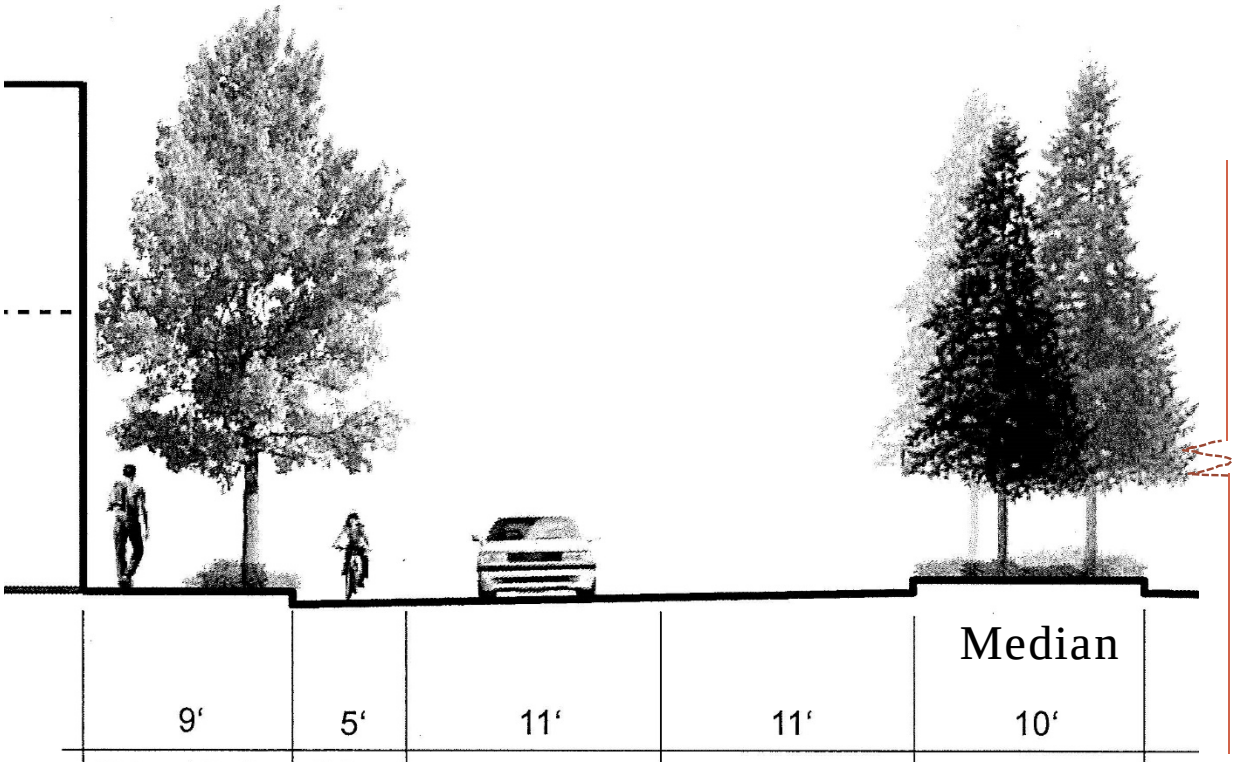
Enhance Safety, Connectivity and Convenience for All Modes of Travel

Lake Grove Village Center Goals: Roadway

- Goal 1: Transform Boones Ferry into a Great Street
- Goal 2: Enhance Alternative Modes of Travel
- Goal 3: Enhance the Pedestrian Environment and Connectivity

Enhance safety, connectivity & convenience for bicyclists & pedestrians.

Provide wider sidewalks, pedestrian crossings & on-street bike lanes.



East half of the roadway depicted

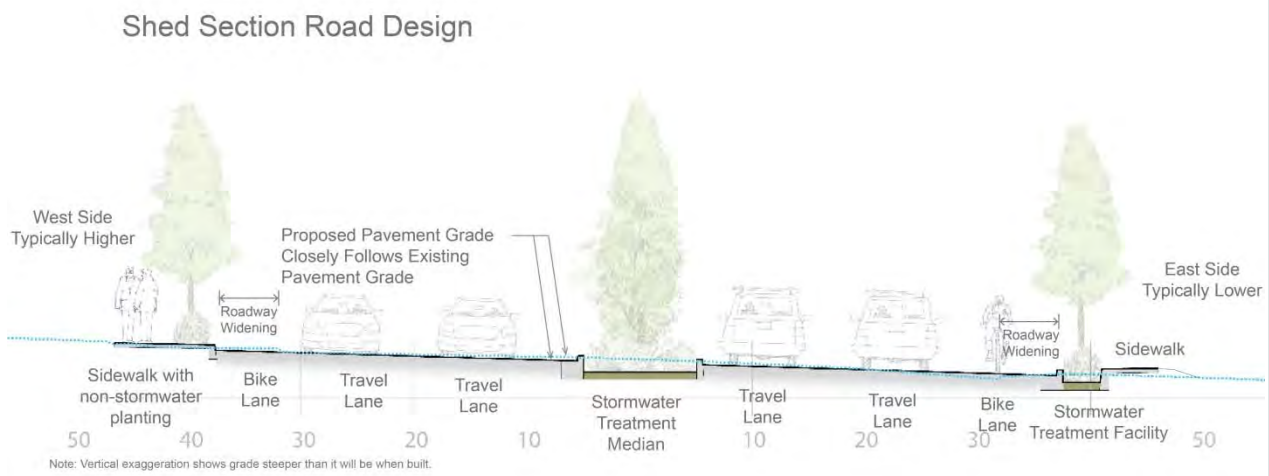
Roadway Design

Roadway Design: Shed Section

PAC adopted a “shed section” roadway cross-section

Better match to existing topography – lower grading costs

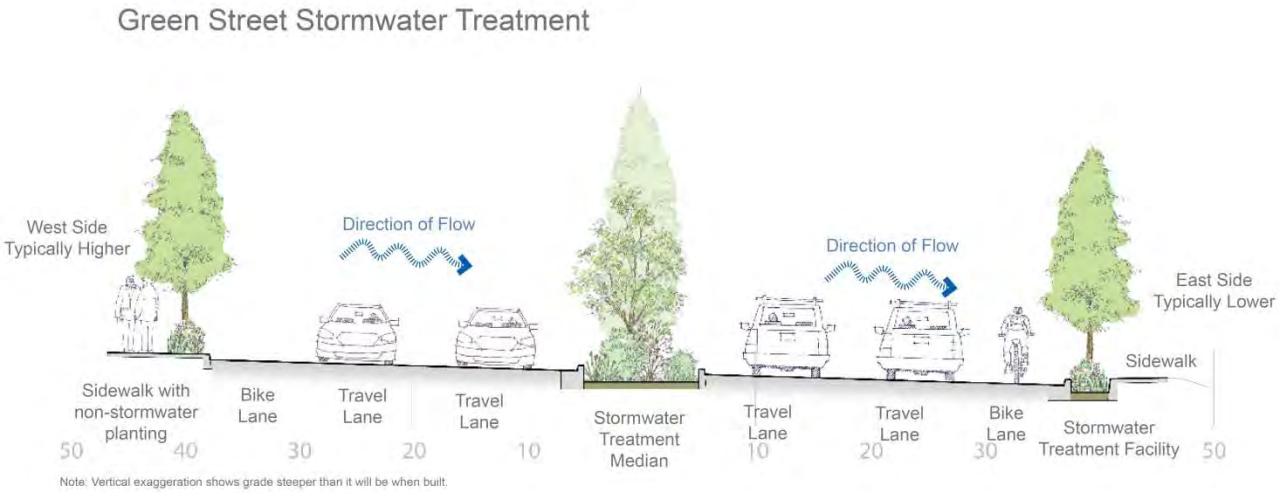
Minimizes impacts to properties



Roadway Design: Green Street

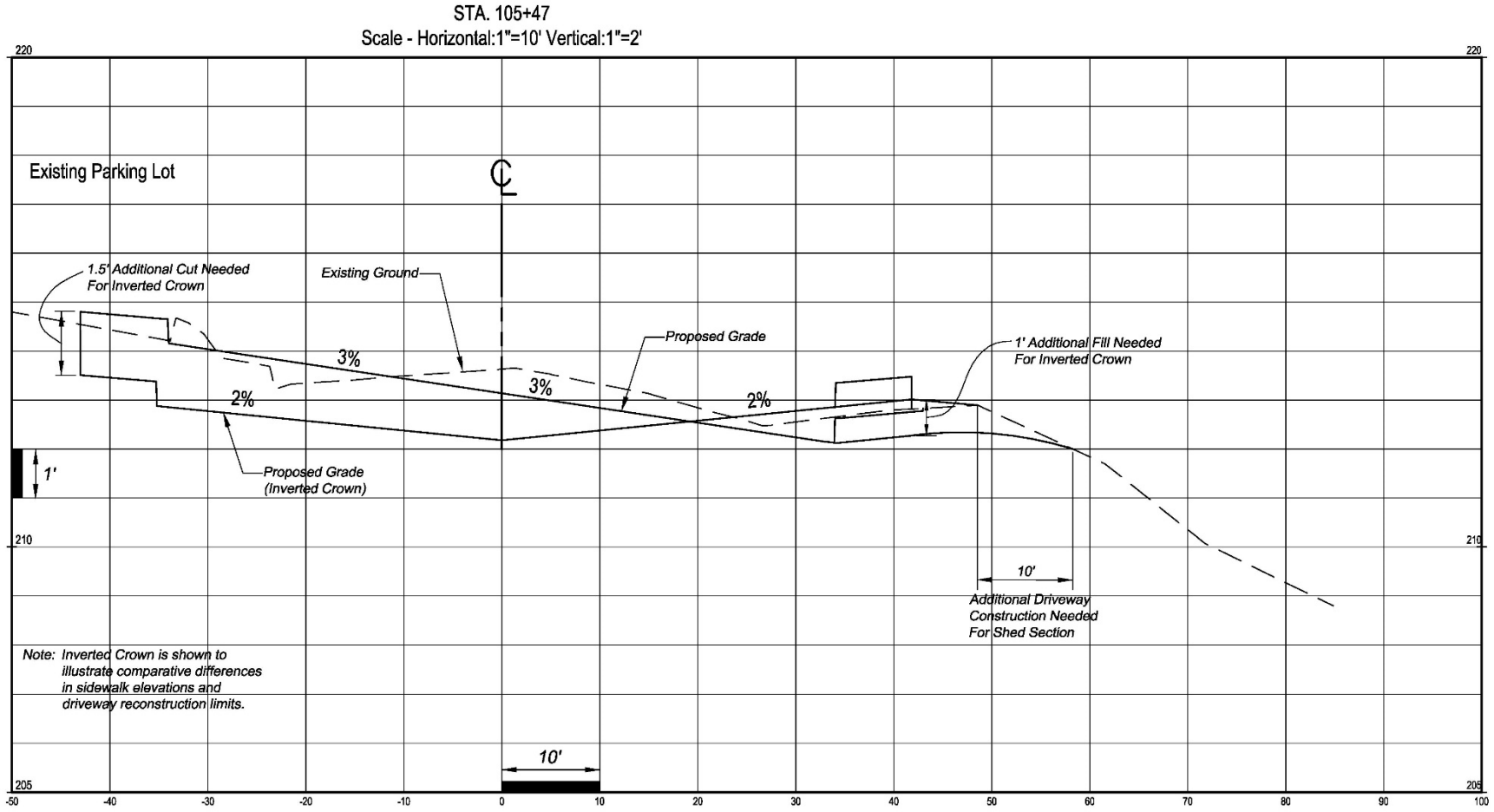
Treat stormwater runoff with "Green Street"

Treatment occurs in the landscaped center median & sidewalk areas



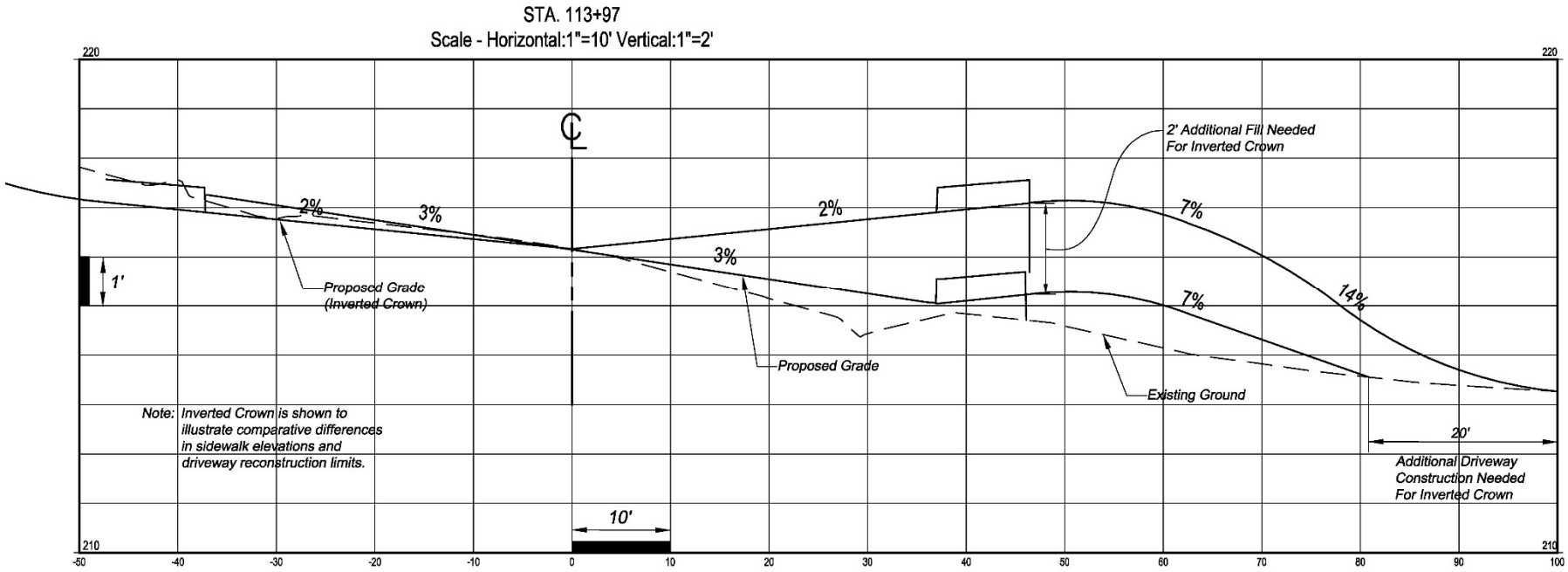
Example Cross-Section And Driveway Profile

Zupans



Example Cross-Section And Driveway Profile

Quarry Rd - Car Wash



Intersections

Optimize operations & safety at intersections

Support all Travel Modes

Lake Grove Village Center Goals: Intersections

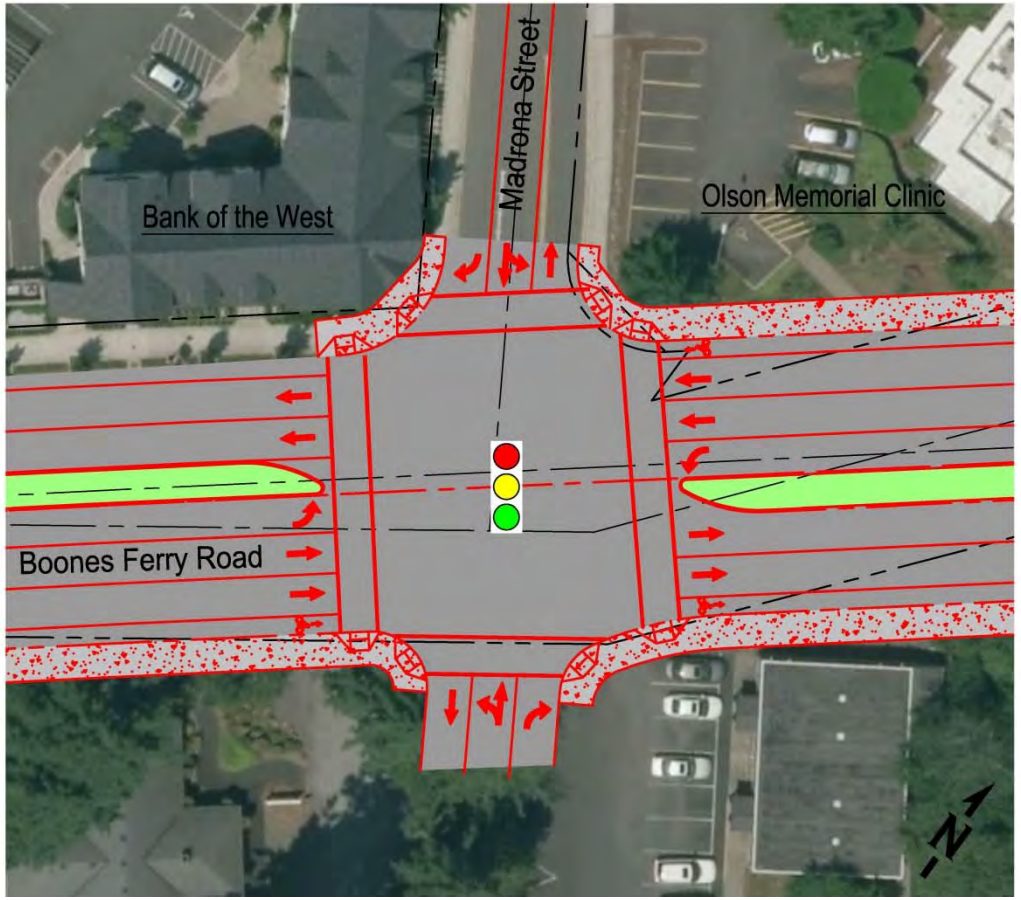
- Goal 1: Transform Boones Ferry into a Great Street
- Goal 3: Enhance the Pedestrian Environment and Connectivity

New signal for safe crossings

Improved neighborhood and business access

Signalized pedestrian crossings on all sides

Combined with neighborhood traffic calming

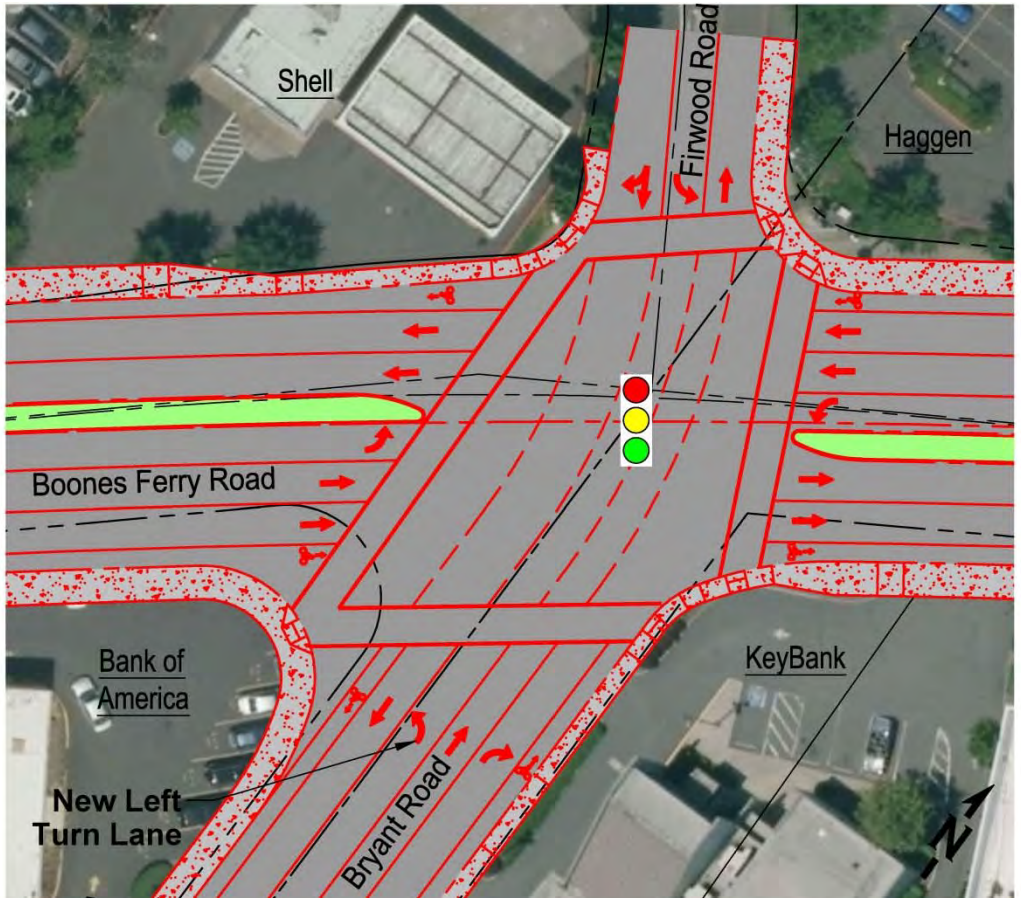


Madrona

Exclusive left turn lane on Bryant to improve ease of left turn and increase safety

Improve safety by increasing storage Boones Ferry left turn lane (southbound)

Signalized pedestrian crossings on all sides



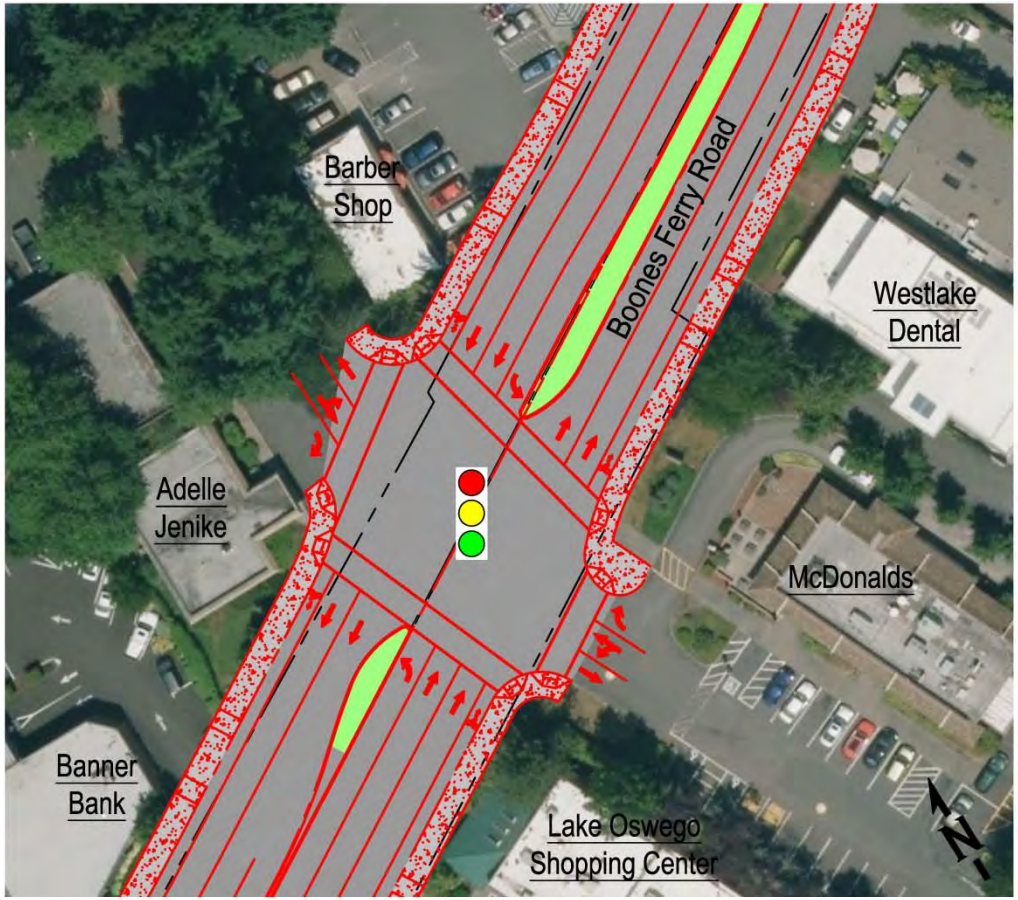
Boones Ferry Road / Bryant Road / Firwood Road

New signal to improve safety

Improved business access; provides signalized access

Reduce turns at adjoining intersections to improve operations

New signalized pedestrian crossings on all sides

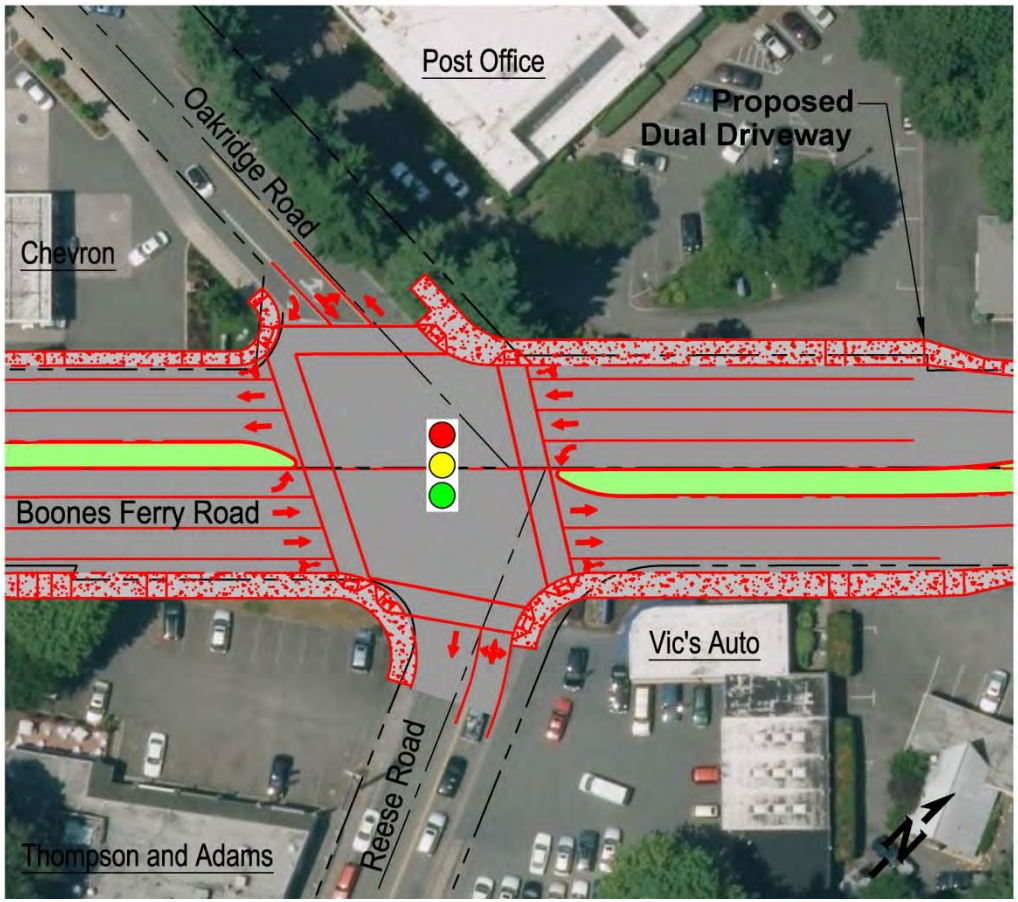


Boones Ferry Road / McDonalds

Lengthen southbound left turn lane to improve safety and capacity

Eliminate dangerous left turn into Post Office

More signalized pedestrian crossings (now on all sides)



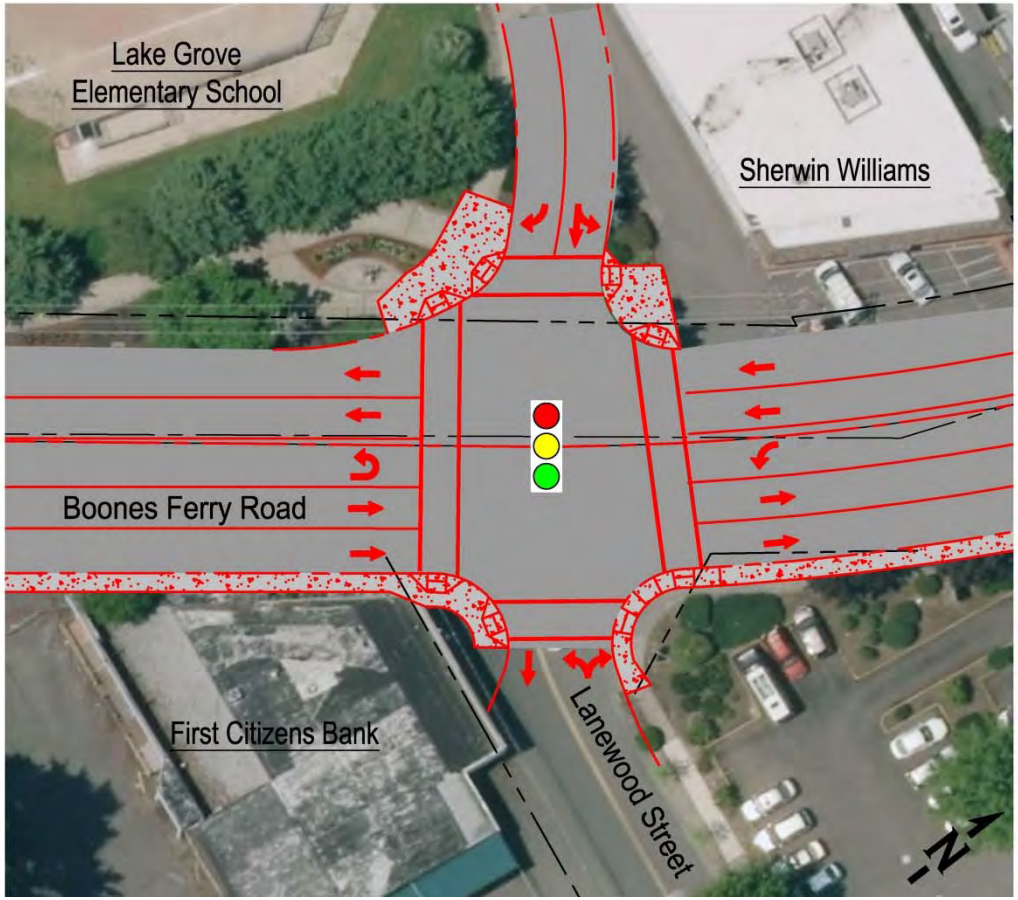
Boones Ferry Road / Oakridge Road / Reese Road

New signal and realigned intersection

Add exclusive left turn lanes for safety

Allows northbound u-turn for business access

Signalized pedestrian crossings on all sides to improve school safety



Boones Ferry Road / Lanewood Street

Identity/ History

Connect the Roadway with
its current surroundings
and with its past

Lake Grove Village Center Goals: Identity/History

- Goal 6: "Enhance Village Character" by developing a design theme for buildings, landscaping and urban design

Eclectic Mix

Reflects the Lake Grove Character

Focus on nature, history, art and sustainability

Urban Design: Identity

LAMPSHADES

GIANT
8203824
www.usps.com

How Lake Grove was named

Clalpooia/Kalapuya

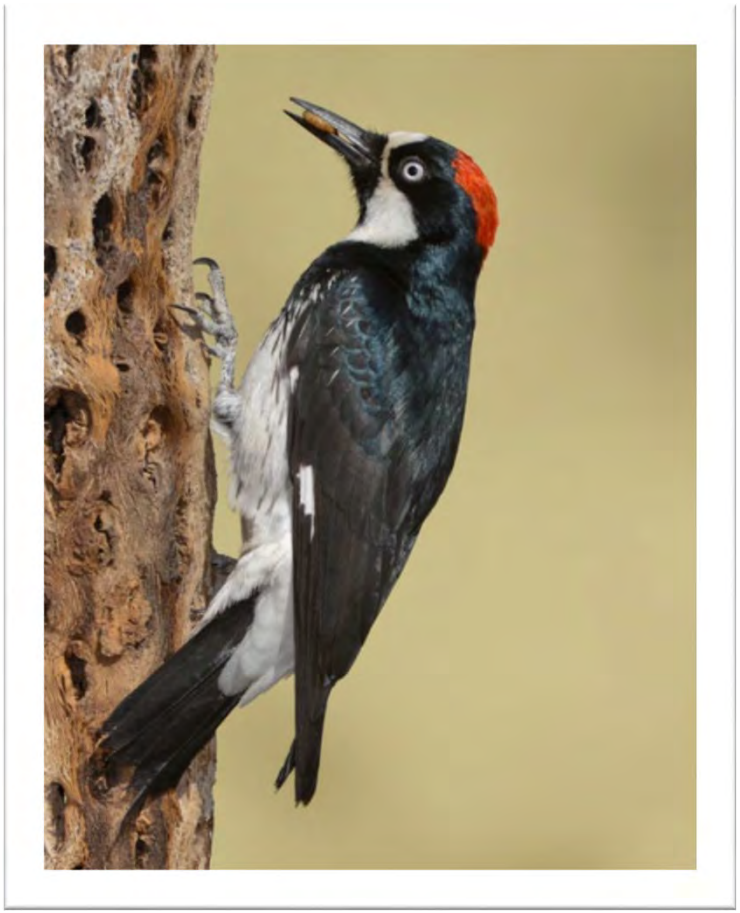
Boring Lava Fields

Economic history – horse society to car society / farm cultural to today's business mix

Selected vehicles to tell the Lake Grove story

Interactive history & art

History



". . . the most luxuriant and the most extravagantly beautiful of all the
alpine gardens I ever beheld in all my mountain-top wanderings."
–John Muir, conservationist, 1889

Streetscape

Enhance sense of place and community

Lake Grove Village Center Goals: Streetscape

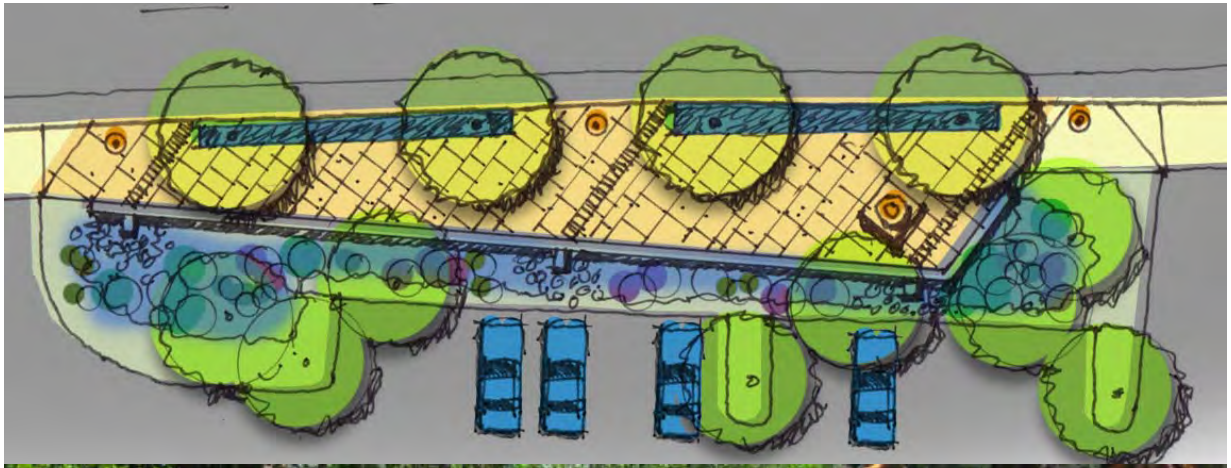
- Goal 3: Enhance the Pedestrian Environment and Connectivity
- Goal 5: Strengthen the Lake Grove Sense of Place and Community
- Create the "String of Pearls" plazas in accordance with the Lake Grove Village Center Plan

Sidewalks

Public gathering space

Expanded sidewalk areas are key to this project

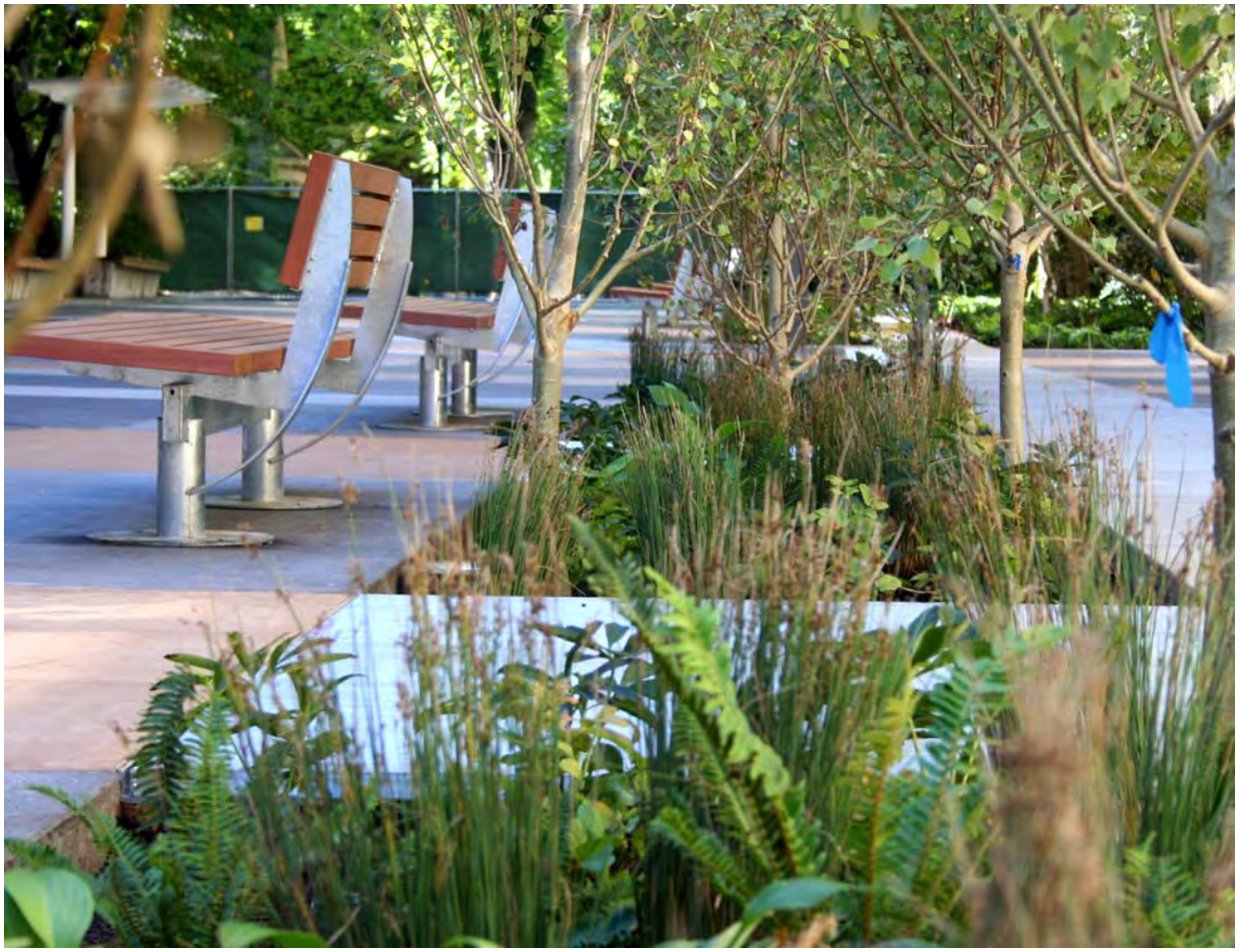
Make places people want to be and experience the community



Streetscape

Components of a streetscape:

- Stormwater elements
- Hardscape
- Street Furnishings
- Plantings
- Unique Things / Interpretive / Art

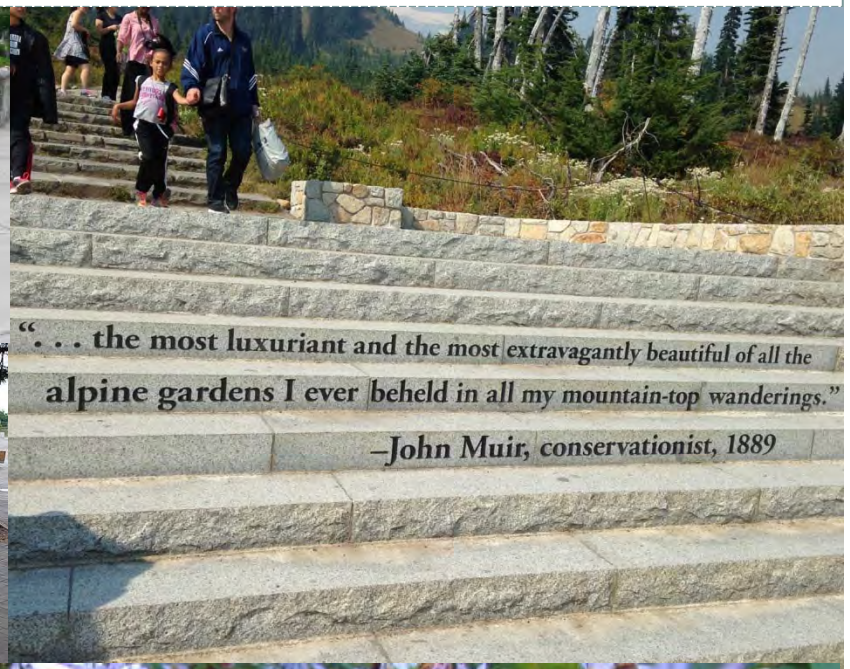


Streetscape

Reflect the natural character of the area

Native and climate appropriate plants

Use of materials that point towards a sense of nature. Stone, wood, stained concrete, etc...



Streetscape

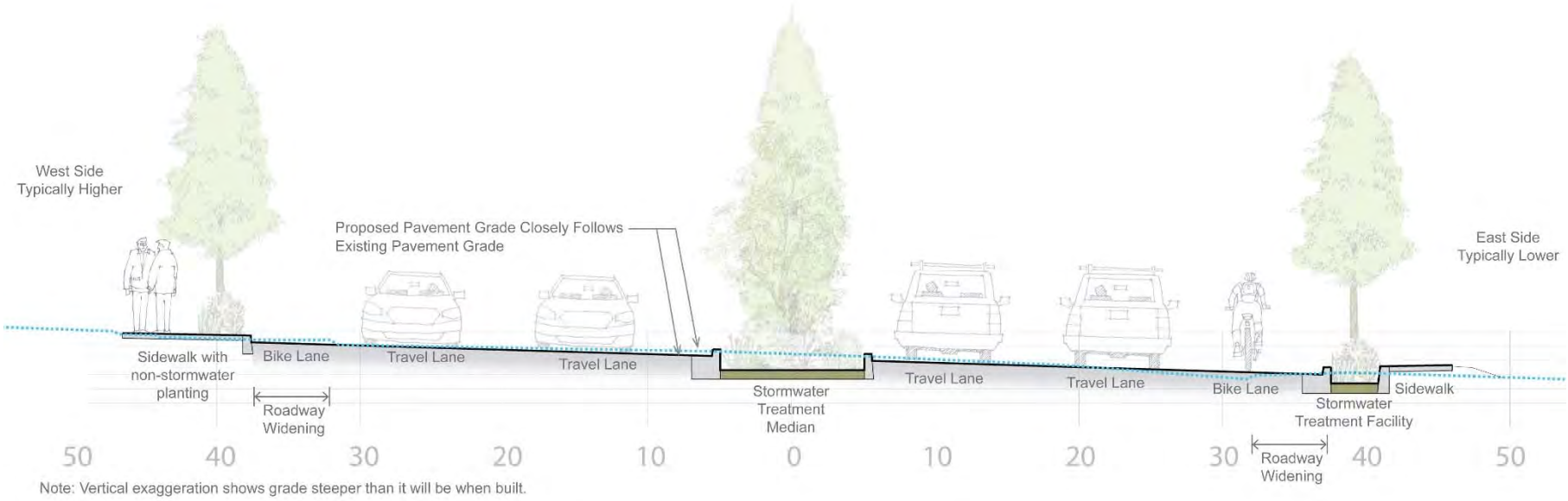
Next Steps

- PAC meetings continue monthly – Open to public
- 2016 Final Design and Right-of-Way Acquisition
- Community Meetings planned during Final Design
- Join the project email list
- Stay up-to-date at the project website

www.boonesferryproject.org

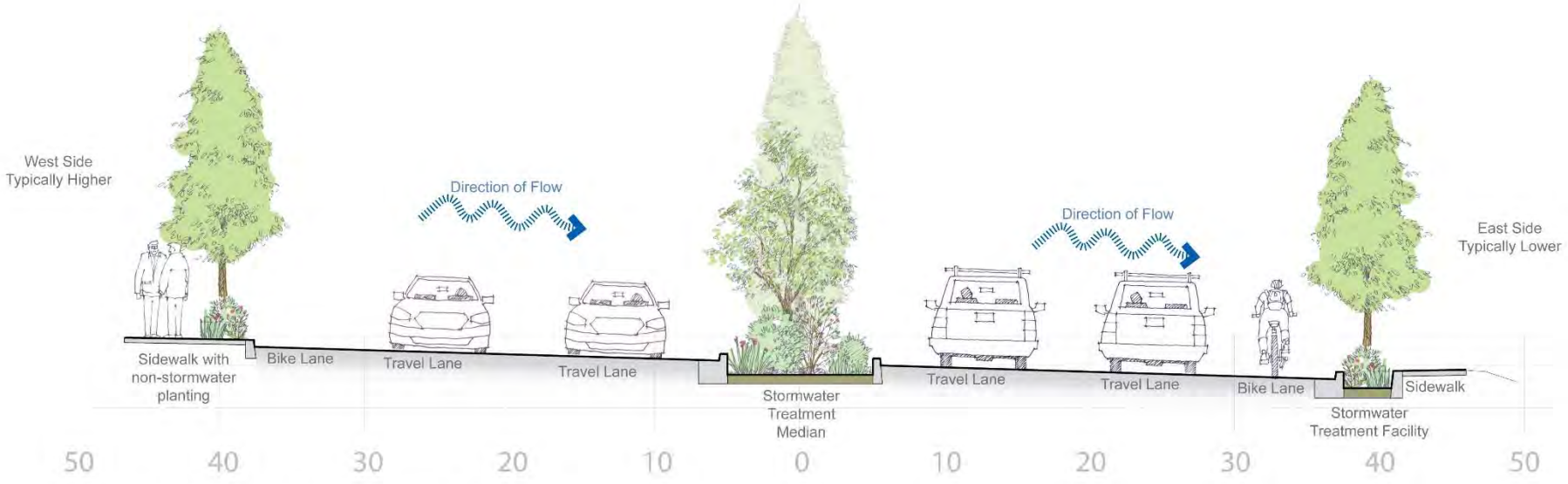
www.boonesferryproject.org

Shed Section Road Design



Note: Vertical exaggeration shows grade steeper than it will be when built.

Green Street Stormwater Treatment



Note: Vertical exaggeration shows grade steeper than it will be when built.