

Washington State Transportation Commission

Interstate Improvement Plan City of Lacey

Exit 109 & 111 Interchange Justification Report (IJR)

Wednesday, November 19, 2014

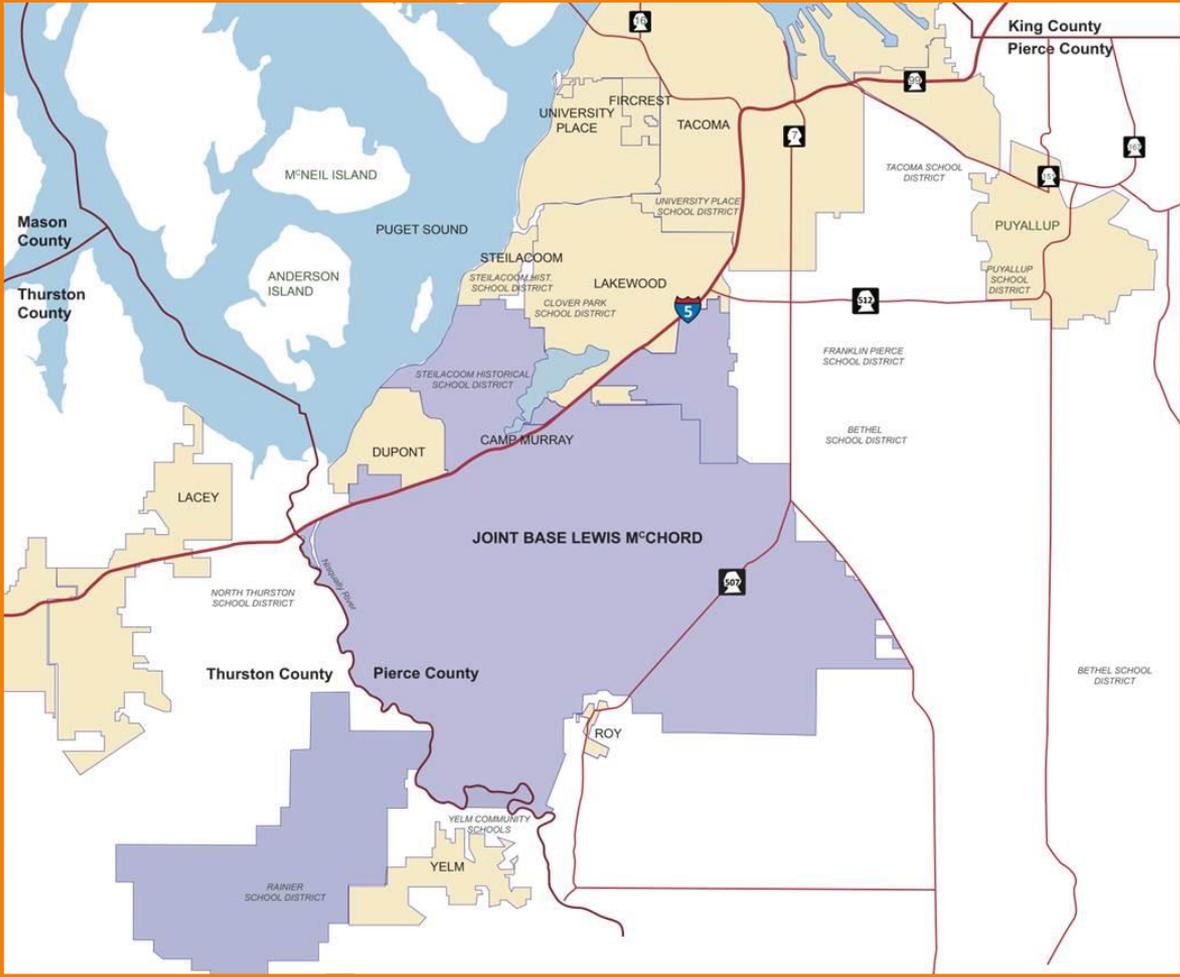
Presented By Roger Schoessel



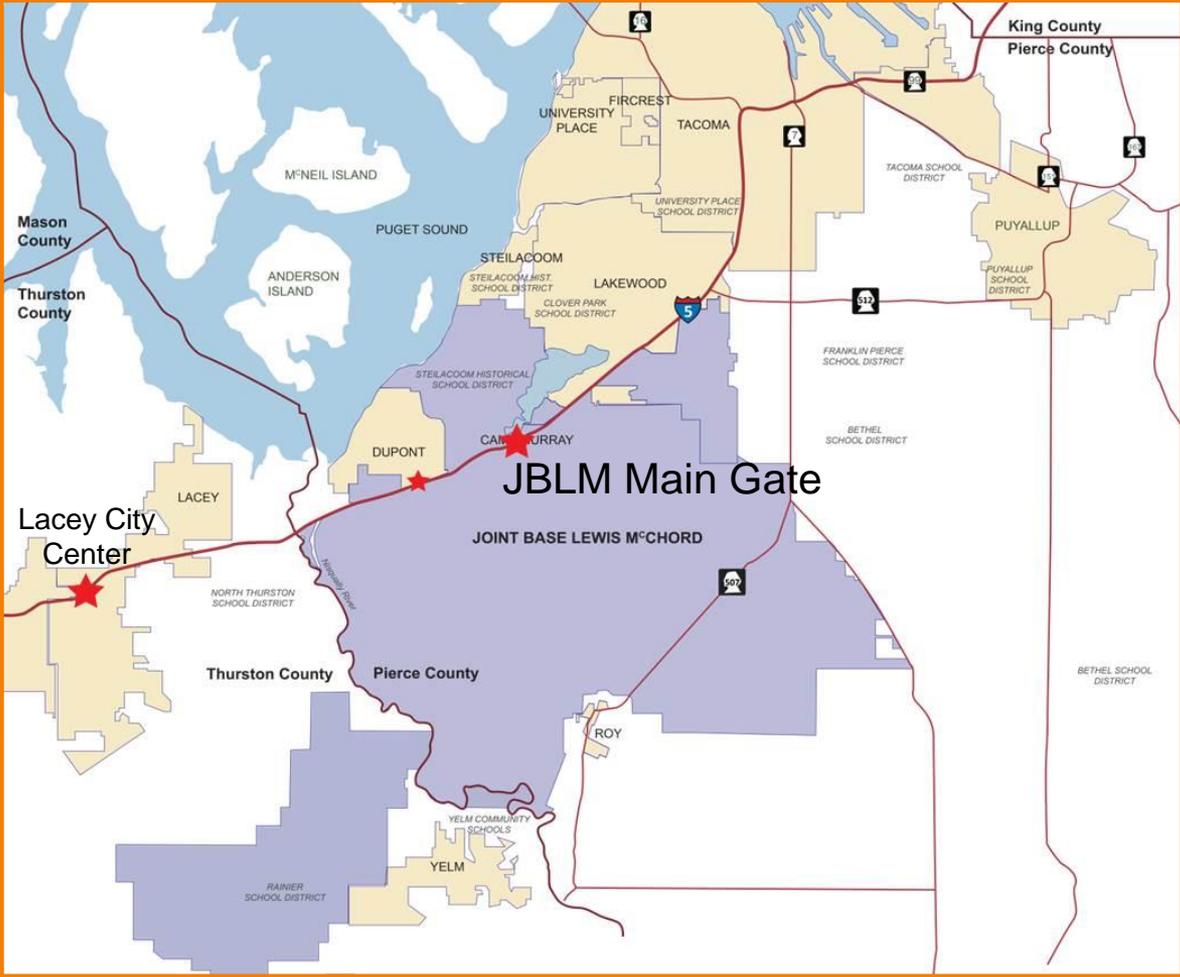
Agenda

- Demographics and Economics
- Stakeholders
- IJR Process
- Background Study
- Plan For Approval

Distance to JBLM

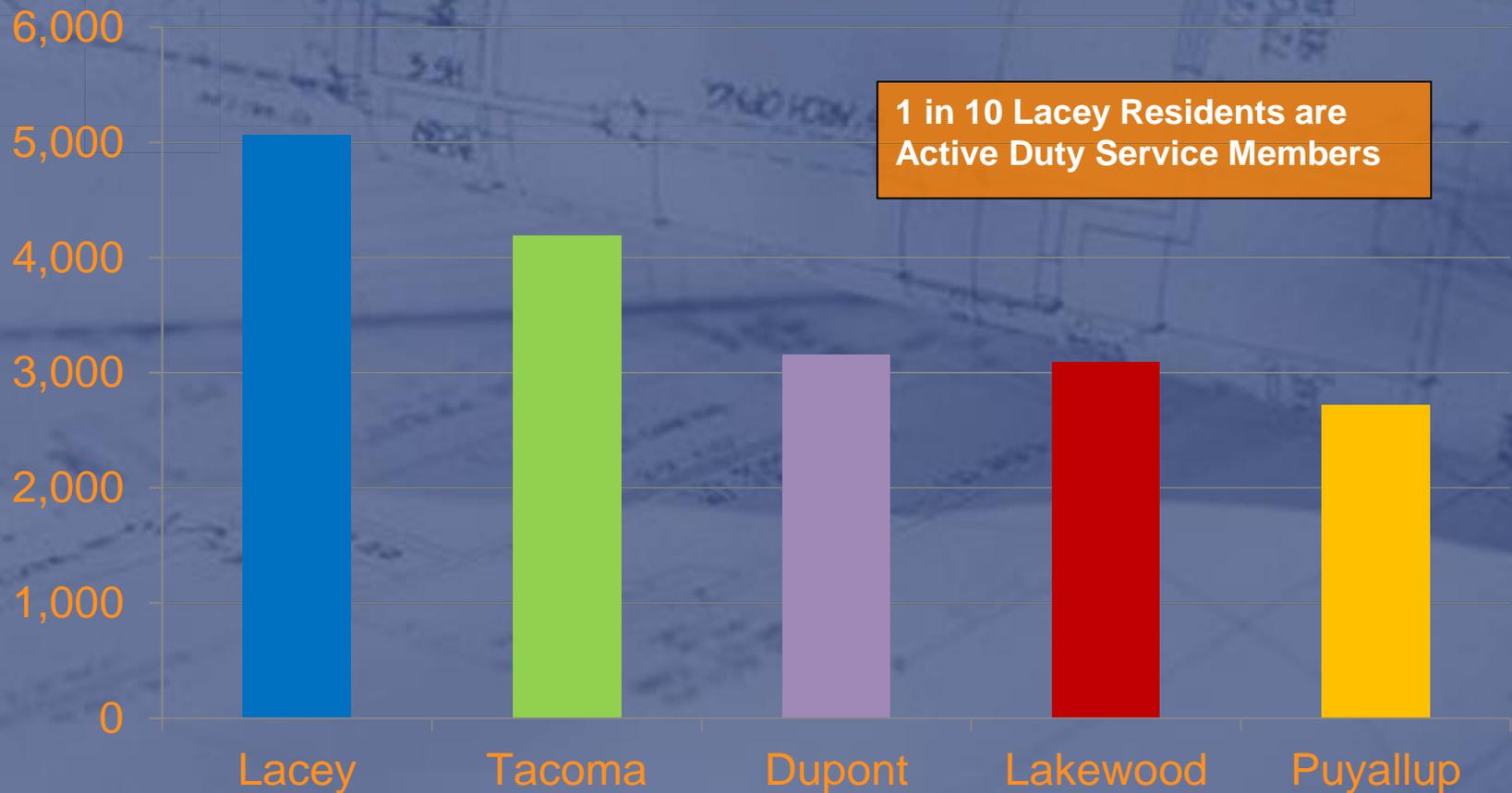


Distance to JBLM



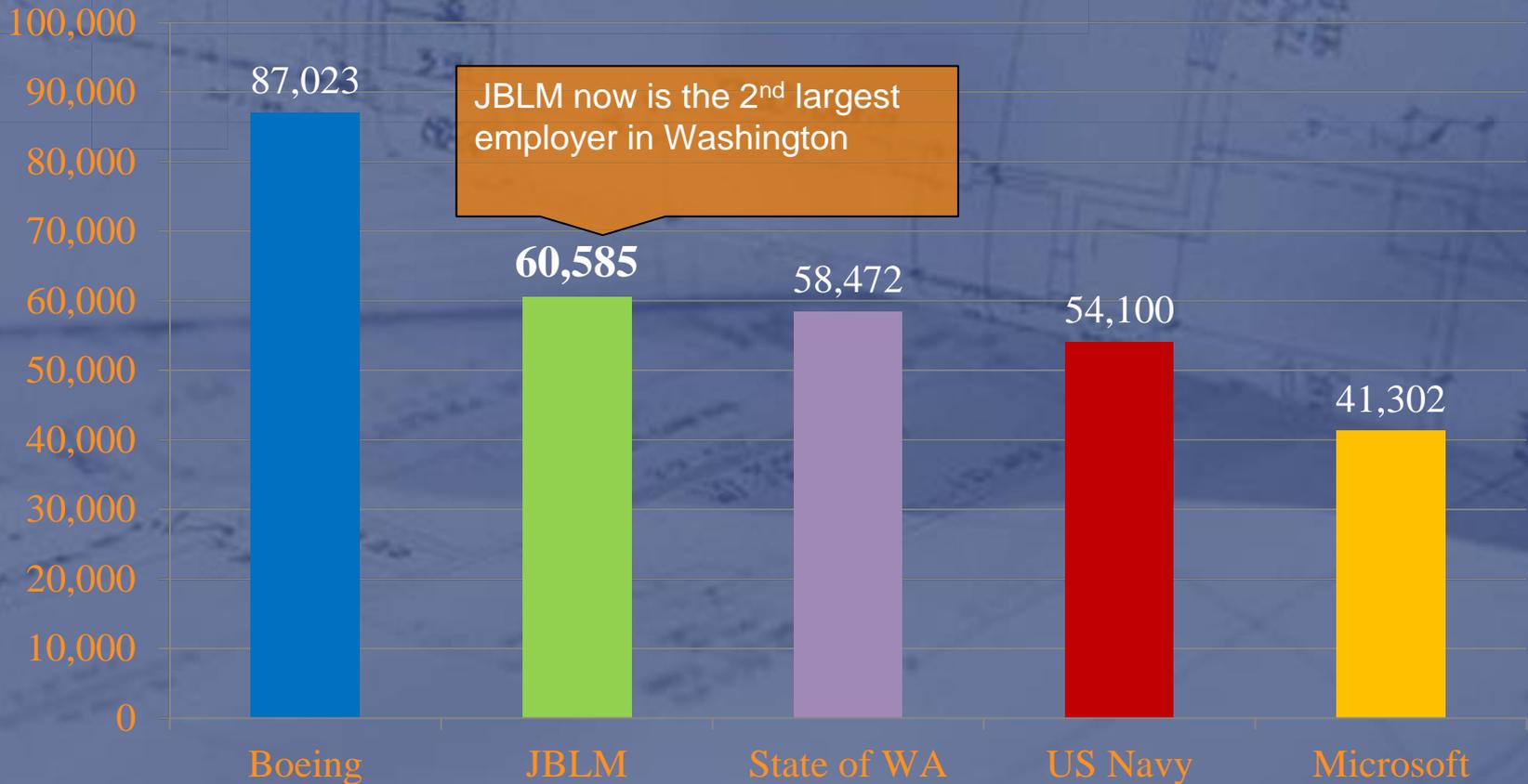
JBLM Importance

Top Communities with Active Duty Military



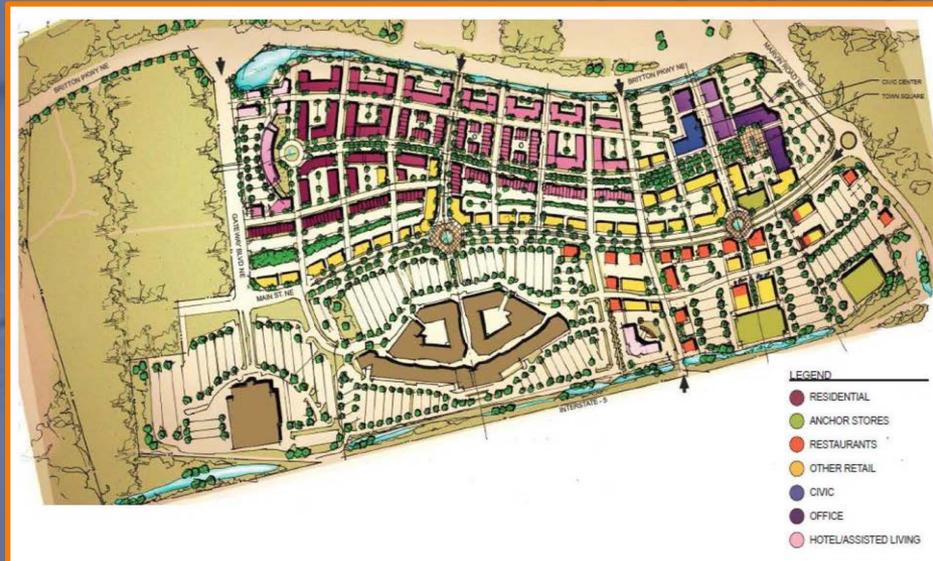
JBLM Importance

JBLM Statewide Importance

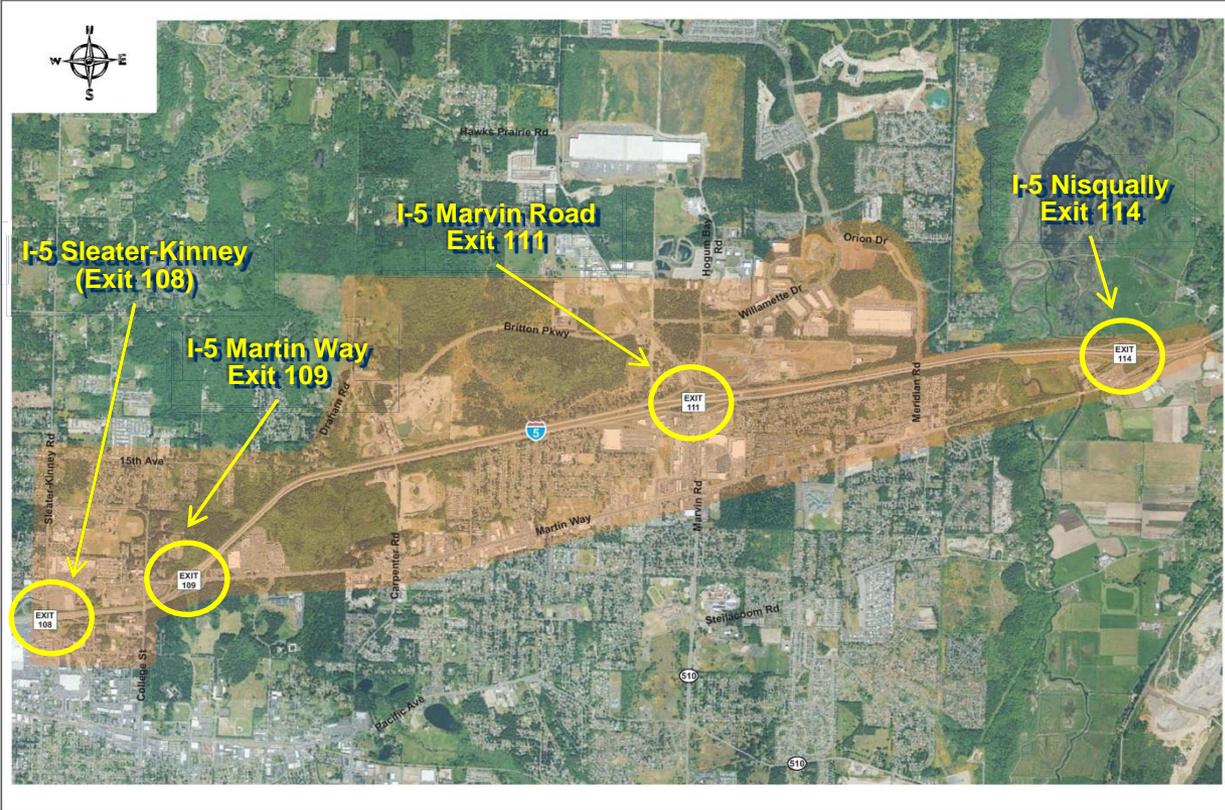


Lacey Gateway Site

- \$56M in transportation and utility infrastructure improvements completed in the Hawks Prairie vicinity
- 7,000 new jobs created in Lacey since 2001
- When built out, Lacey Gateway will include 2 million ft² of high-quality commercial, retail, professional, residential, civic and recreational facilities



Lacey Interstate 5 Corridor



Study Area

Figure 1
Study Area
Transportation Systems Analysis
and Alternatives Evaluation

Stakeholders

- City of Lacey / Consulting Team
- Federal Highway Administration (FHWA)
 - Area Engineer
 - Safety / Design Engineer
- Regional
 - Thurston Regional Planning Council
 - Thurston County
 - Intercity Transit

Stakeholders

- WSDOT Headquarters
 - Access
 - Traffic
 - Design
- WSDOT Olympic Region
 - Project Development
 - Traffic Operations
 - Planning

Chronology IJR Process

June 1996

- **NE Area Transportation Study**

June 2006

- **Lacey Transportation Systems Analysis and Alternatives (LTSAAE)**

- **Objectives**

- **Interchange Improvements Exit 108-111**
- **Interchange at Carpenter Road**

- **Methodology**

- **Modeled Surface Streets**
- **Developed Interchange Alternatives**
- **Selected “Best” Alternatives**

Chronology IJR Process

December 2009

- **Approved Study “LTSAAE”**

September 2010

- **Stakeholder Consultant Selection**

May 2011

- **Begin Interchange Justification Report Process**

Chronology IJR Process

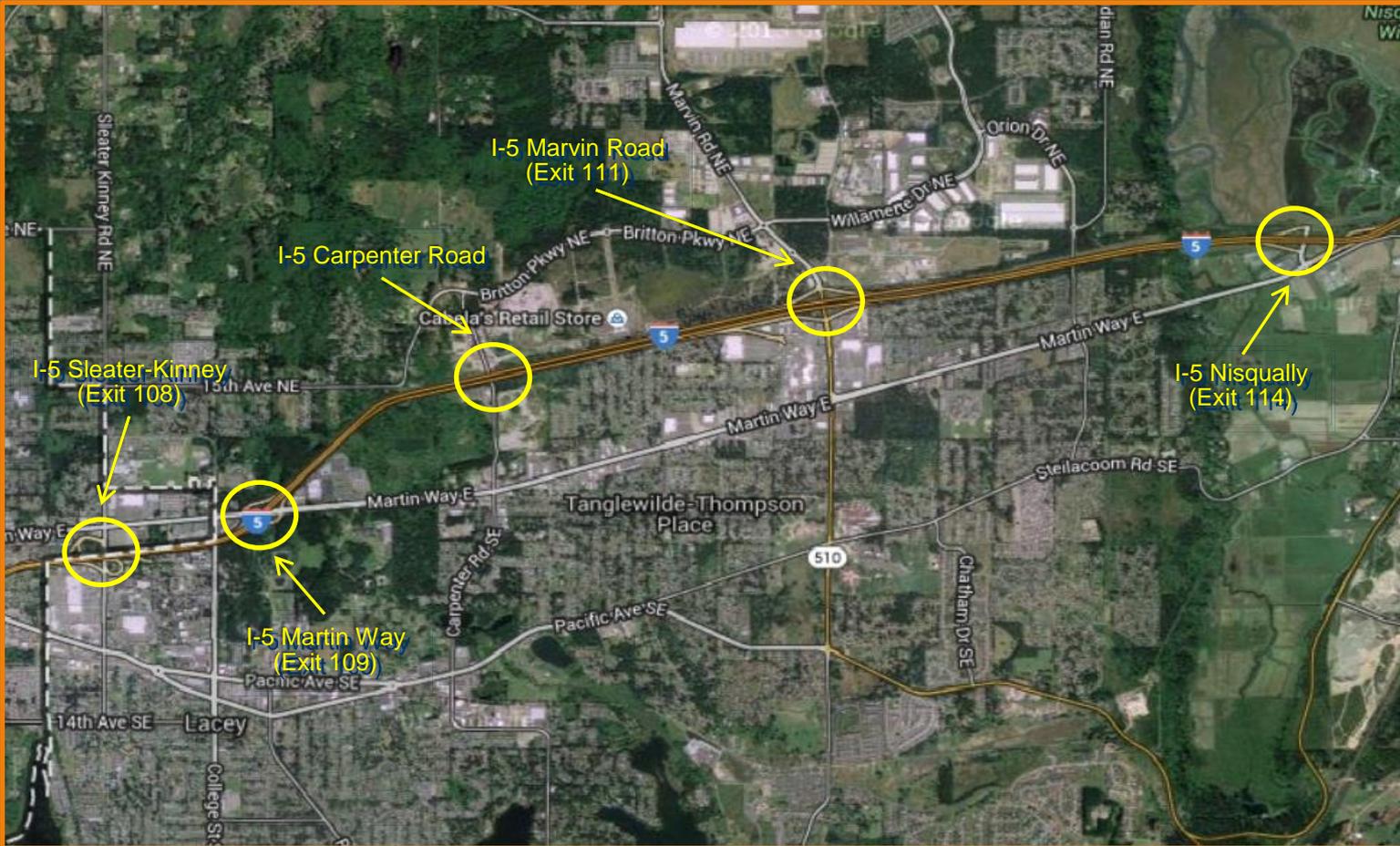
September 2013

- **Selected Confirmed Alternatives**
 - Exit 109 (Martin Way)
 - Exit 111 (Marvin Road)

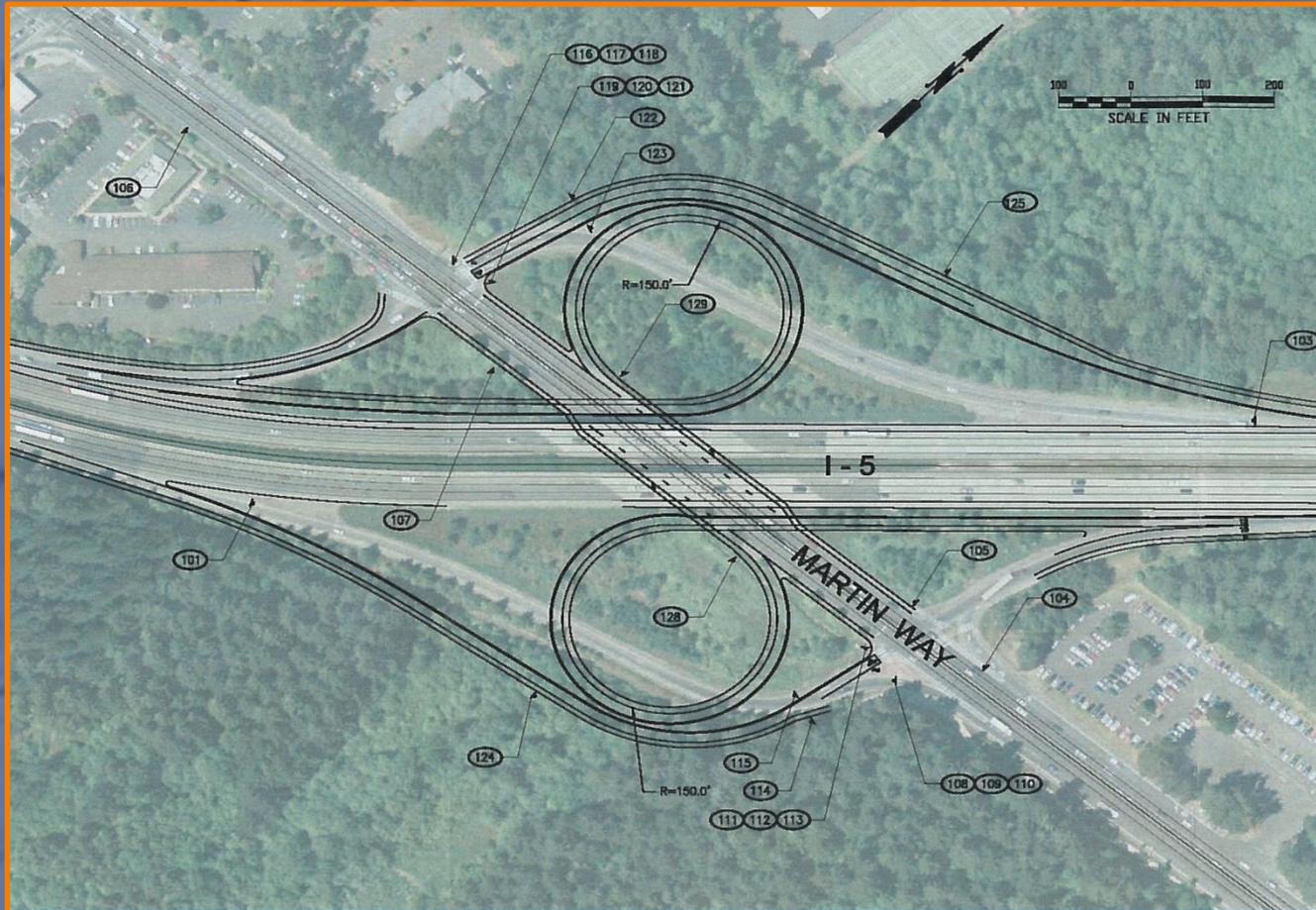
December 2013

- **Initiate Preliminary Design Process**
 - Survey
 - Roadway Design
 - Structural Design
 - NEPA/SEPA Documentation
 - Hydraulic/Drainage Design
 - Right of Way Plans
- **VISSIM Model Development**

Lacey Interstate 5 Corridor



Exit 109 Interchange Improvements (Martin Way) IJR Concept Drawing



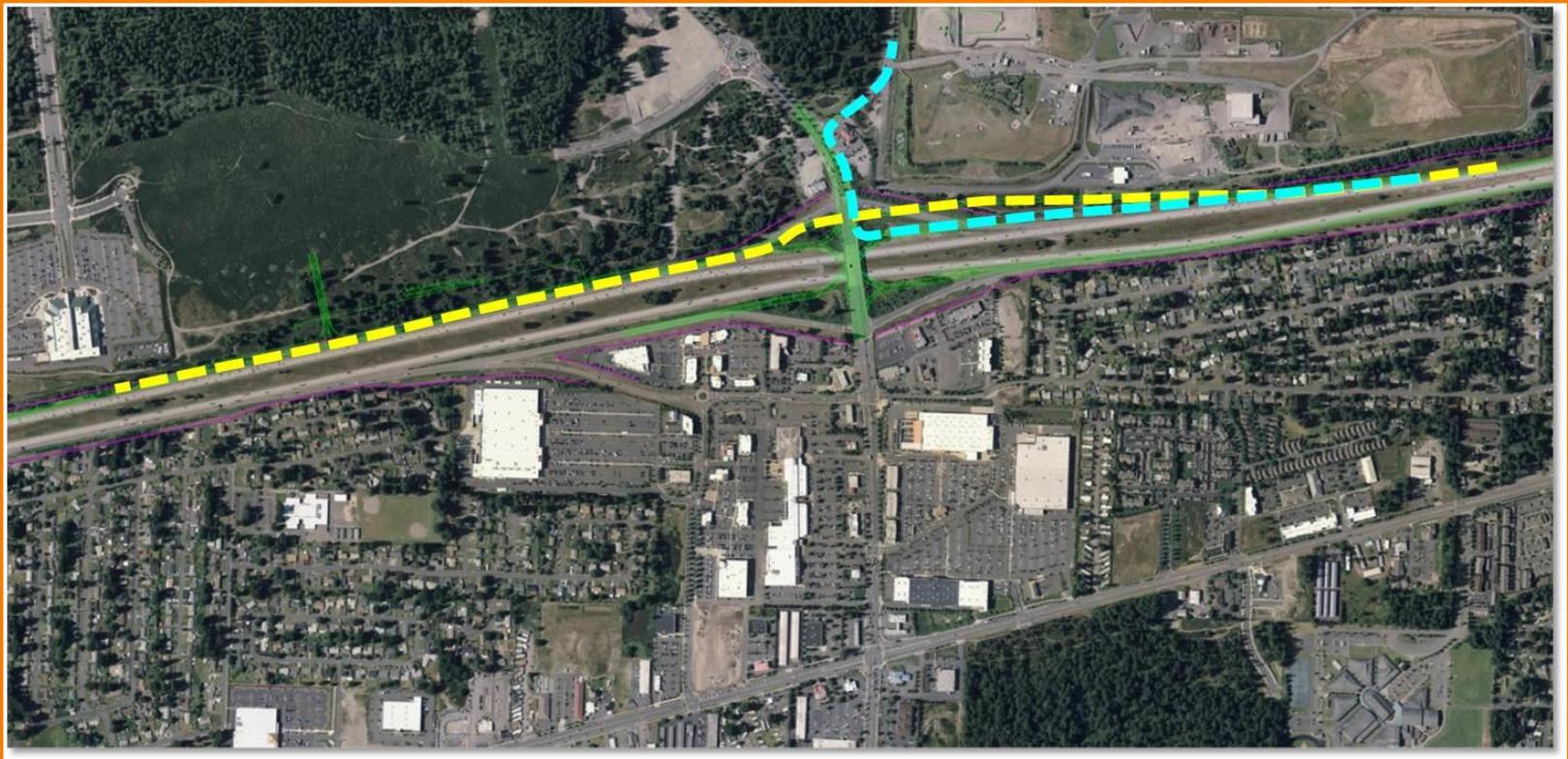
Exit 111 Interchange Improvements (Marvin Road) IJR Concept Drawing



Exit 111 Interchange Improvements (Marvin Road) IJR Concept Drawing



Exit 111 Interchange Improvements (Marvin Road) IJR Concept Drawing





LACEY

Washington

Shaping Our Community Together

LTSAAE Study

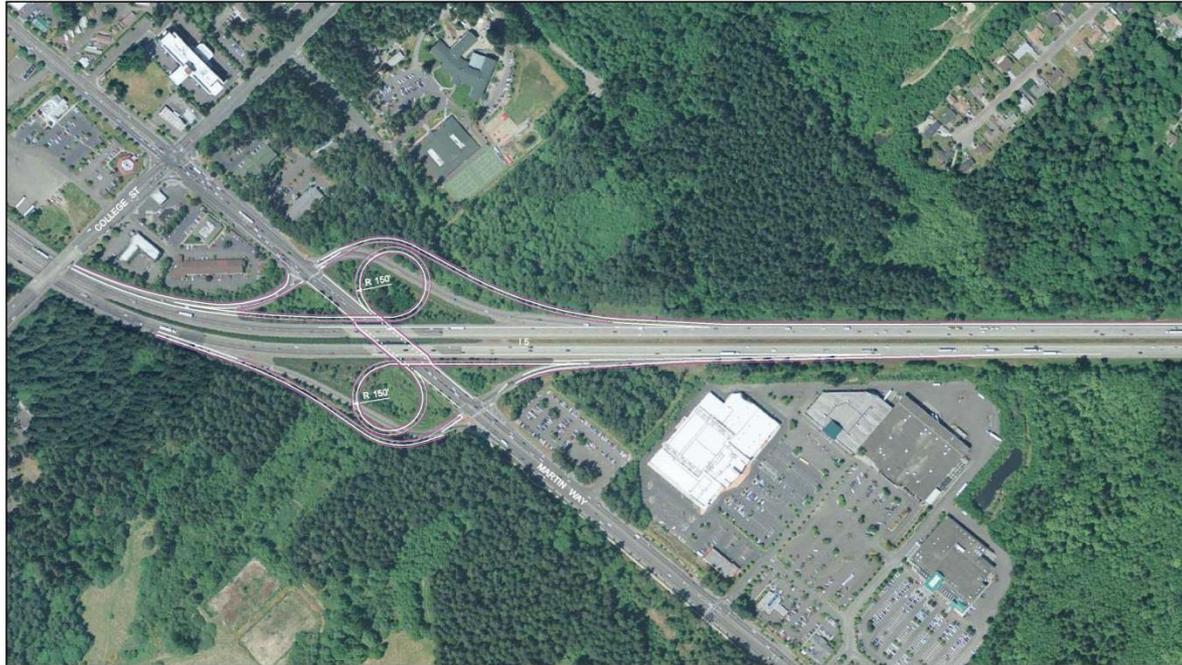


Parametrix DATE: 08/18/16 FILE: 016166



Option 2A
Sleater Kinney Northbound
Connection
Figure 16

LTSA AE Study



Parametrix DATE: 08/18/15 FILE: 015155



Option 5
Martin Partial Clover
Figure 17

LTSAAE Study



Parametrix DATE: 08/18 FILE: 01/18
0 100' 200' SCALE IN FEET

Carpenter - Marvin C/D Braid South
Sheet 1 of 5
Figure 18

LTSAAE Study



Parametrix DATE: 8/2018 FILE: 013438
0 100' 200' SCALE IN FEET

Carpenter - Marvin C/D Braid South
Sheet 2 of 5
Figure 19

LTSAAE Study



Parametrix DATE: 08/18/15 FILE: 05/15/15
0 40' 80'
SCALE IN FEET

Carpenter - Marvin C/D Braid South
Sheet 3 of 5
Figure 20

Exit 109 Interchange Improvements (Martin Way) IJR 30% Design Drawing

