North End Project Area – Build Alternative

- I-5 Cross Section
- Bike and Pedestrian Path
- Thorne Lane
- Berkeley Street
- Gravelly Thorne Connector
I-5 CROSS SECTION – EXISTING & PROPOSED

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

Existing Typical Cross-Section

Sound Transit Right-of-Way

Existing Right-of-Way
3 General Purpose (GP) Lanes each direction

Proposed Typical Cross-Section

Sound Transit Right-of-Way

Add one lane each direction
I-5 MOUNTS ROAD TO THORNE LANE INTERCHANGE CORRIDOR IMPROVEMENTS

EXISTING I-5

PROPOSED IMPROVEMENTS I-5
HOW MUCH TIME WILL I SAVE ONCE I-5 IS WIDENED?
2020 BUILD VS. NO BUILD

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

- **From Thurston County to DuPont**
  - PM Peak Hour: 2 minutes faster
  - AM Peak Hour: 2 minutes faster

- **From SR 512 to DuPont**
  - PM Peak Hour: 13 minutes faster
  - AM Peak Hour: No change

**TO: DuPont Station Area**
HOW MUCH TIME WILL I SAVE ONCE I-5 IS WIDENED?
2020 BUILD VS. NO BUILD

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

FROM: DuPont Station Area

- From DuPont to SR 512
  - PM Peak Hour: 3 minutes slower
  - AM Peak Hour: No change

- From DuPont to Thurston County
  - PM Peak Hour: 2 minutes slower
  - AM Peak Hour: No change
I-5 TRAVEL TIMES – 2020 BUILD VS. NO BUILD

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

2020 Build/No Build PM Peak Period
SR 510 to SR 512

2020 SOUTHBOUND

Travel Time (mins)

Time of Day

2020 NORTHBOUND

Travel Time (mins)

Time of Day

[Graph showing travel times for southbound and northbound directions, comparing build vs. no build scenarios]
PROPOSED PHASE 1 SOUTHBOUND I-5 CAPACITY IMPROVEMENT AT DUPONT-STEILACOOM UNDERPASS
I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

Existing Lane Configuration – Southbound

Proposed Lane Configuration – Southbound
PROPOSED BIKE & PEDESTRIAN PATH

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

SECTION 1

SECTION 2

SECTION 3

SECTION 4

New WSDOT bike & pedestrian path
Connect to local bike network
PROPOSED BERKELEY STREET INTERCHANGE DESIGN VISUALIZATION

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT
HOW DO BICYCLES & PEDESTRIANS NAVIGATE THE INTERCHANGE ROUNDABOUTS?

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

Pedestrian paths and crossings
PROPOSED GRAVELLY THORNE CONNECTOR

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

Figure 2.2-6
Proposed Gravelly-Thorne Connector
I-5 JBLM Congestion Relief Study
Environmental Assessment

One Lane Southbound
Northbound Auxiliary Lane
Bicycle/Pedestrian Path
GRAVELLY THORNE CONNECTOR
PROPOSED CROSS SECTION

I-5 JBLM VICINITY CONGESTION RELIEF PROJECT

Existing

Proposed Gravelly Thorne Connector with Southbound Vehicle Lane & Non-Motorized Shared-Use Path

By 2017 approx. 14 high speed Amtrak trains per day