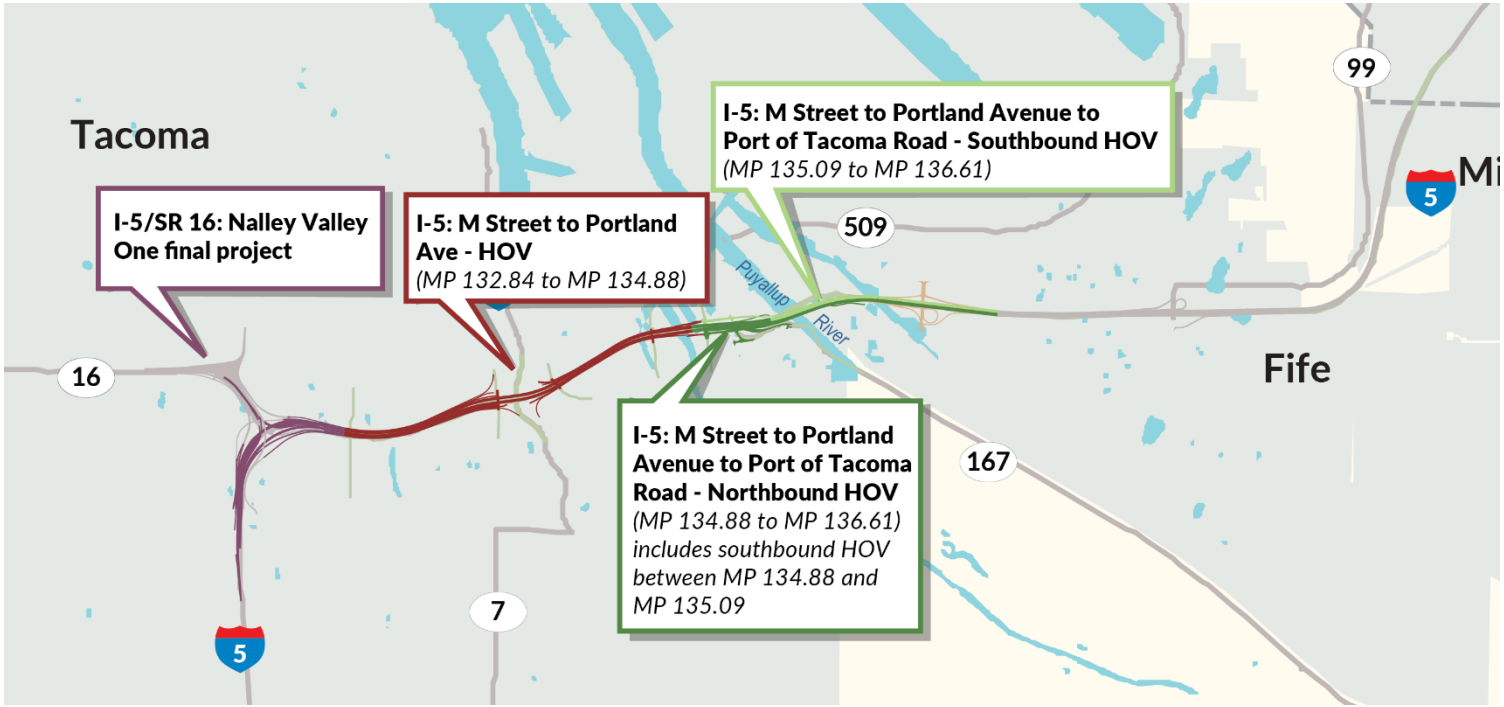
Tacoma Transportation Commission

Tacoma/Pierce County HOV Program

Gaius Sanoy, PE
WSDOT Project Engineer
October 17, 2018



- I-5: M Street to Portland Avenue HOV — Complete Fall 2018
- I-5: Portland Avenue to Port of Tacoma Road Northbound HOV — Complete Fall 2018
- I-5/SR 16: Realignment and Connections — Complete 2019
- I-5: Portland Avenue to Port of Tacoma Road Southbound HOV — Begins early 2019

I-5 – M Street to Portland Avenue HOV

2014

August 2018

I-5 – M Street to Portland Avenue HOV

- McKinley Way/ East D St. overpass expected completion Fall 2018

I-5/SR16: Realignment and HOV Connections

- Design-build project
- Builds direct HOV connections
- Construction began Feb. 2017
- Estimated completion early 2019.

I-5/SR16: Realignment and HOV Connections

- Crews currently building southbound I-5 alignment
- SR 16 and I-5 HOV connections

I-5 Portland Ave to Port of Tacoma Rd Northbound HOV

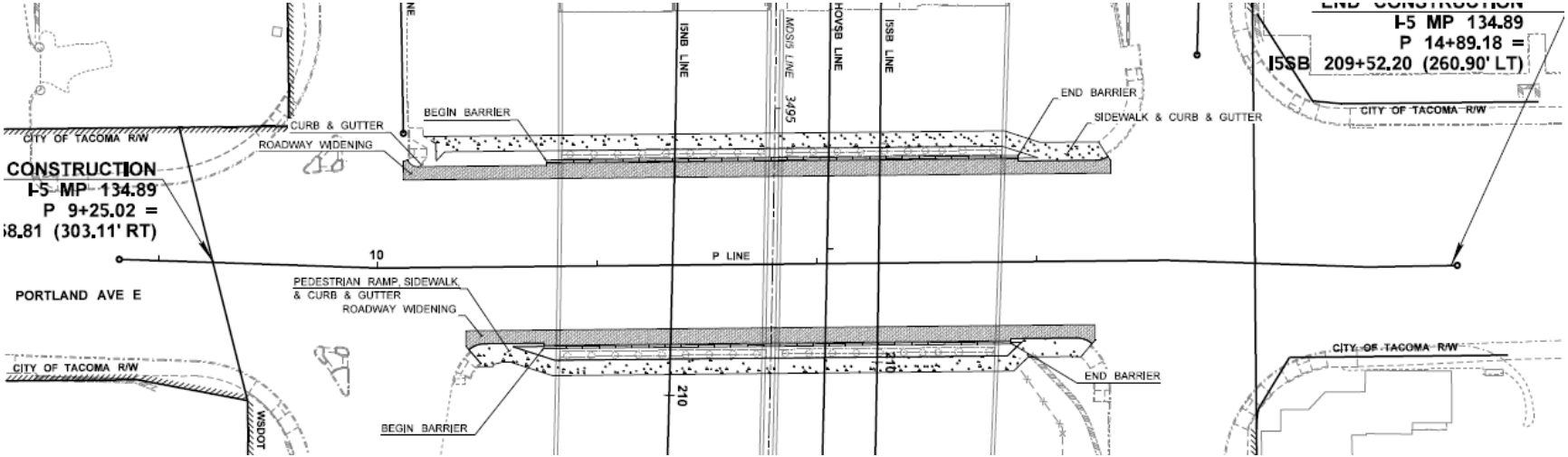
- New northbound I-5 bridge opened to all traffic May 2018

I-5: Portland Ave to Port of Tacoma Road Southbound HOV

- New southbound I-5 Bridge
- New L St. Bridge
- Portland Avenue Sidewalk Improvements
- Construction begins early 2019
- Final lane configuration with HOV lanes open by end of 2021.

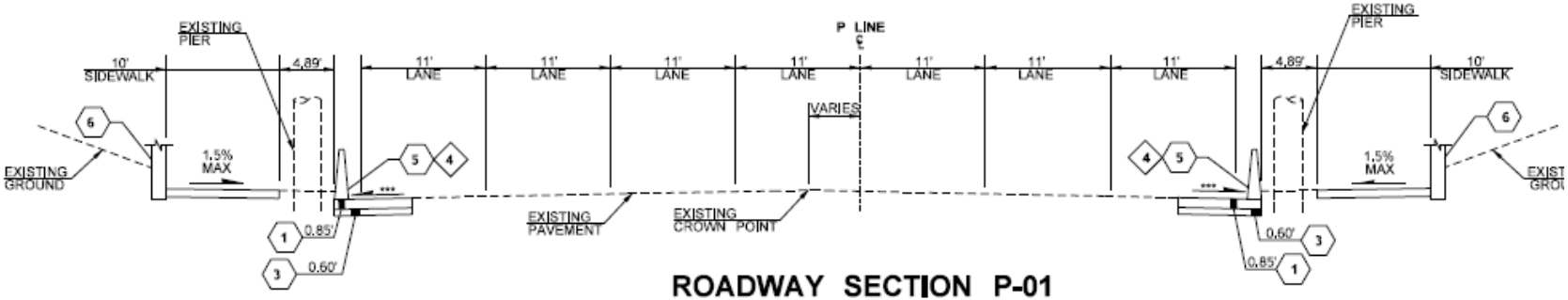
I-5: Portland Ave to Port of Tacoma Road Southbound HOV

Portland Avenue Improvements



I-5: Portland Ave to Port of Tacoma Road Southbound HOV

Portland Avenue Improvements



Questions?

Puget Sound Gateway Program

SR 167 Completion Project

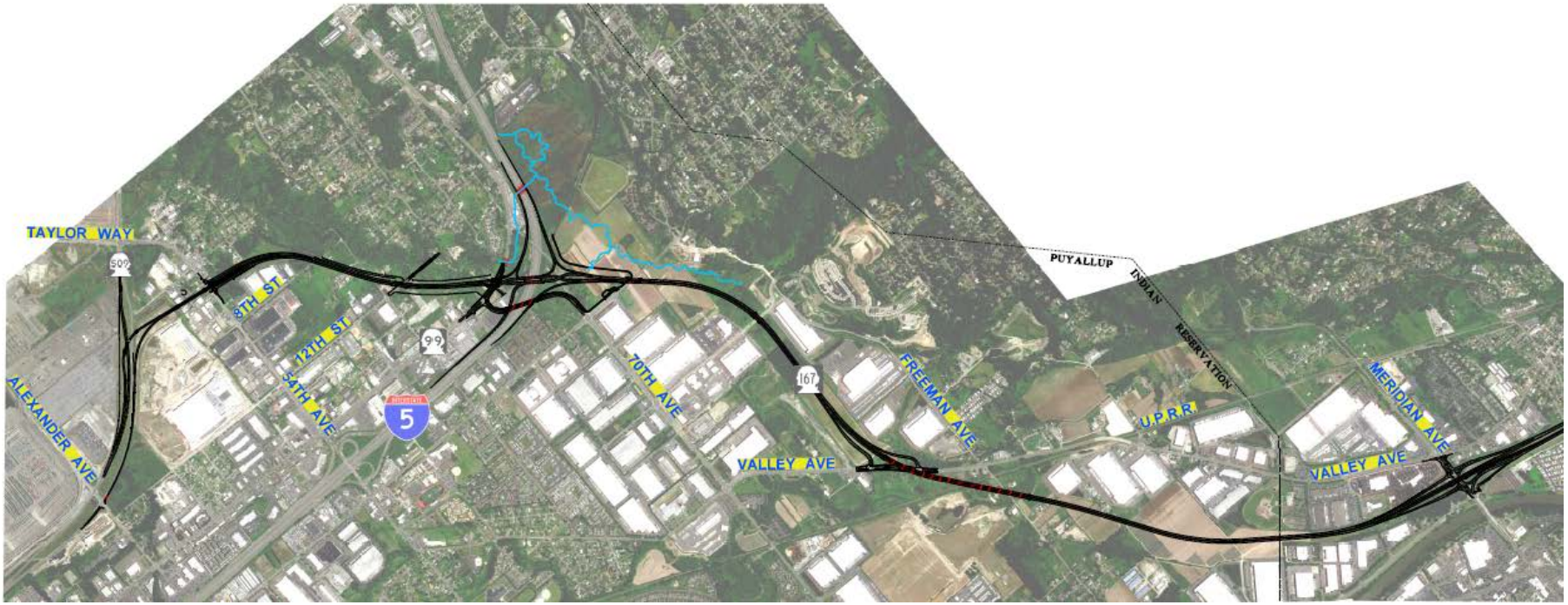
Tacoma Transportation Commission
October 17, 2018

THOMAS SLIMAK, PE SR 167 ASSISTANT PROJECT MANAGER

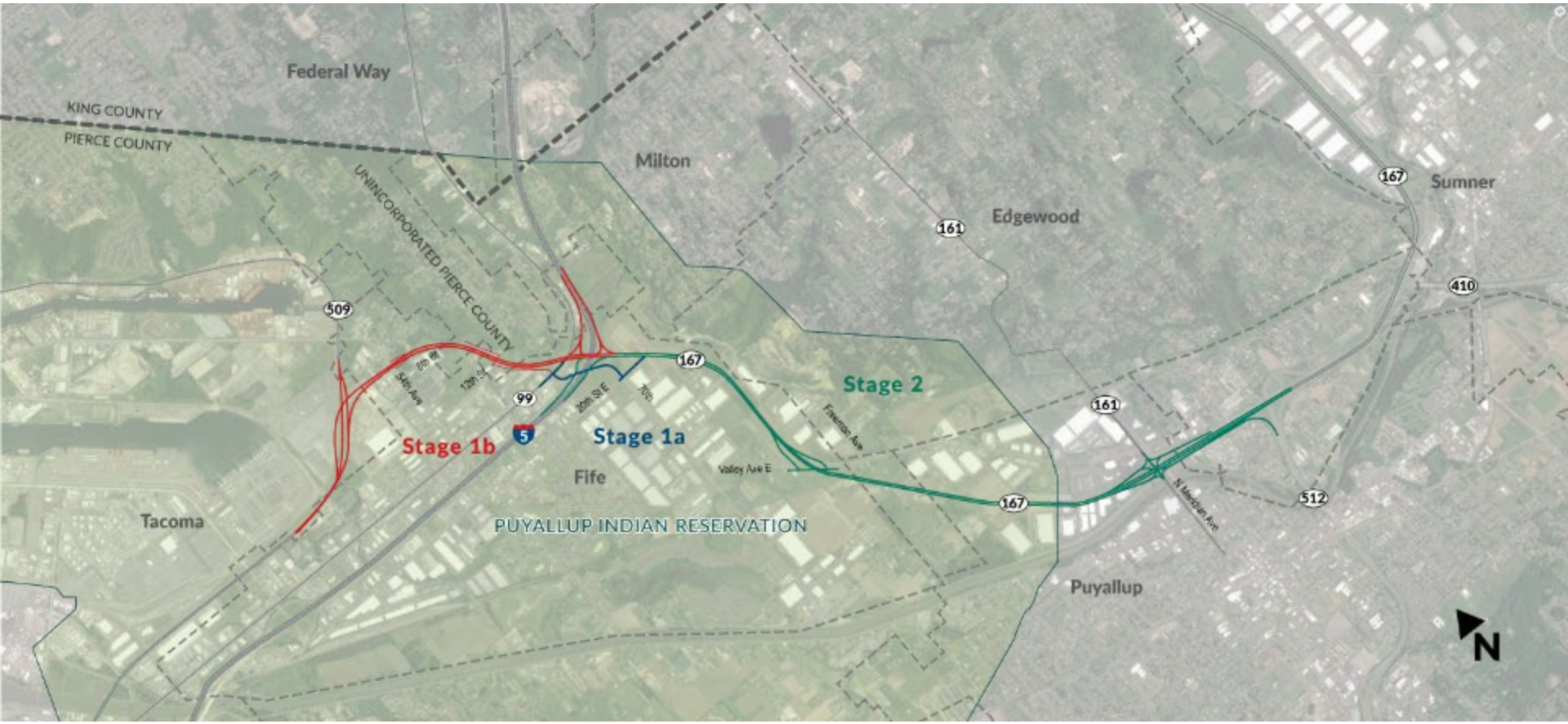
Agenda

- SR 167 Completion Phase 1 Overview
- SR 167 Construction Staging Overview
- SR 167 Active Transportation Components Overview
- Next Steps

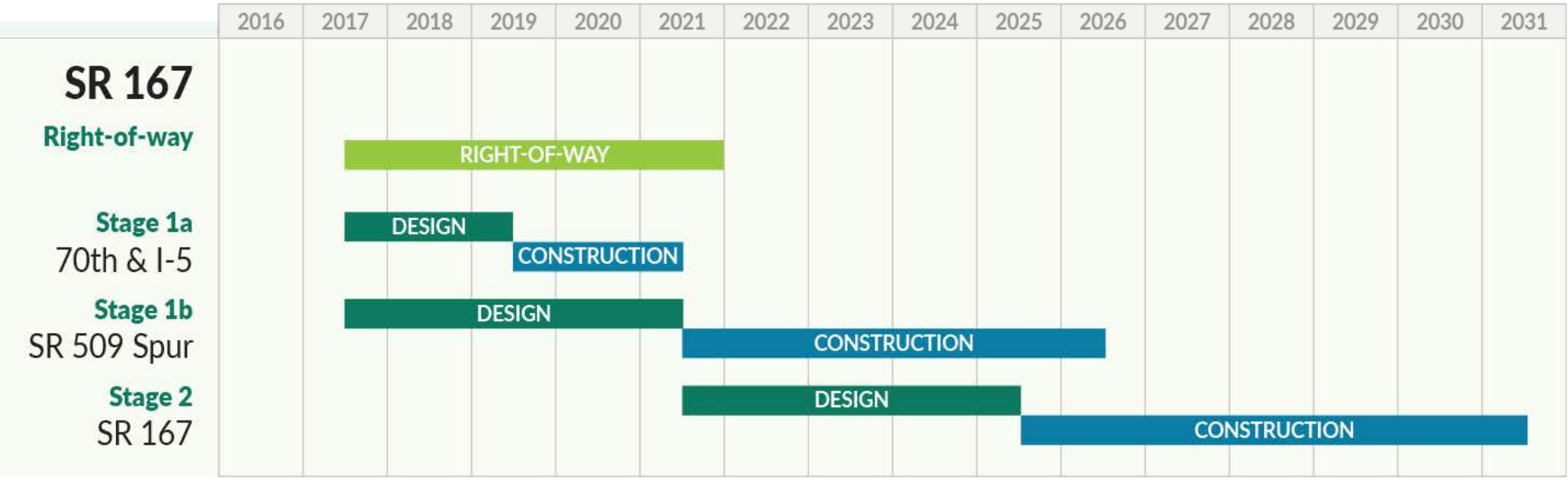
SR 167 Completion Phase 1



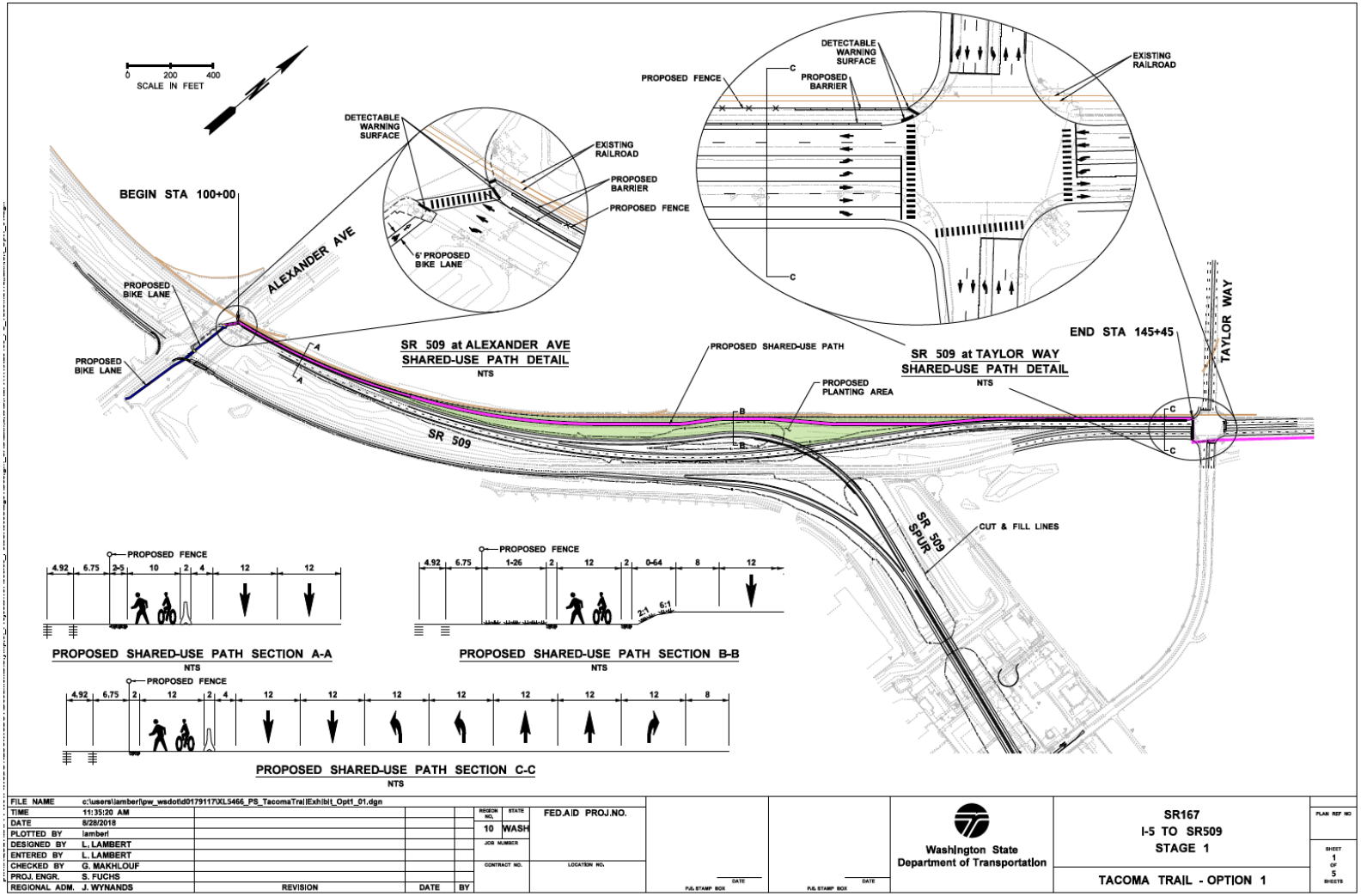
SR 167 Construction Stages



SR 167 Timeline

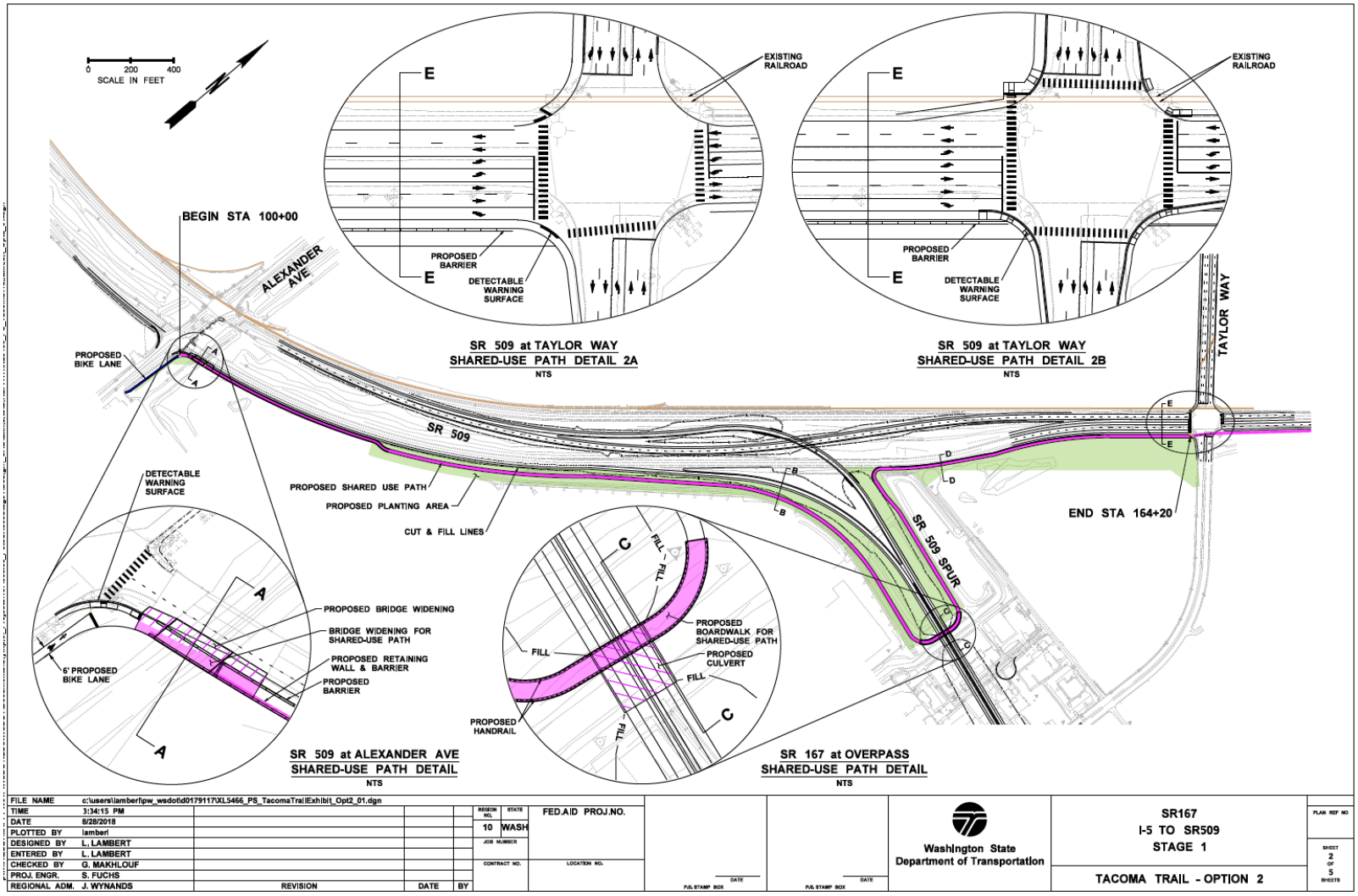


SR 167 Completion Project – Shared Use Path Concepts

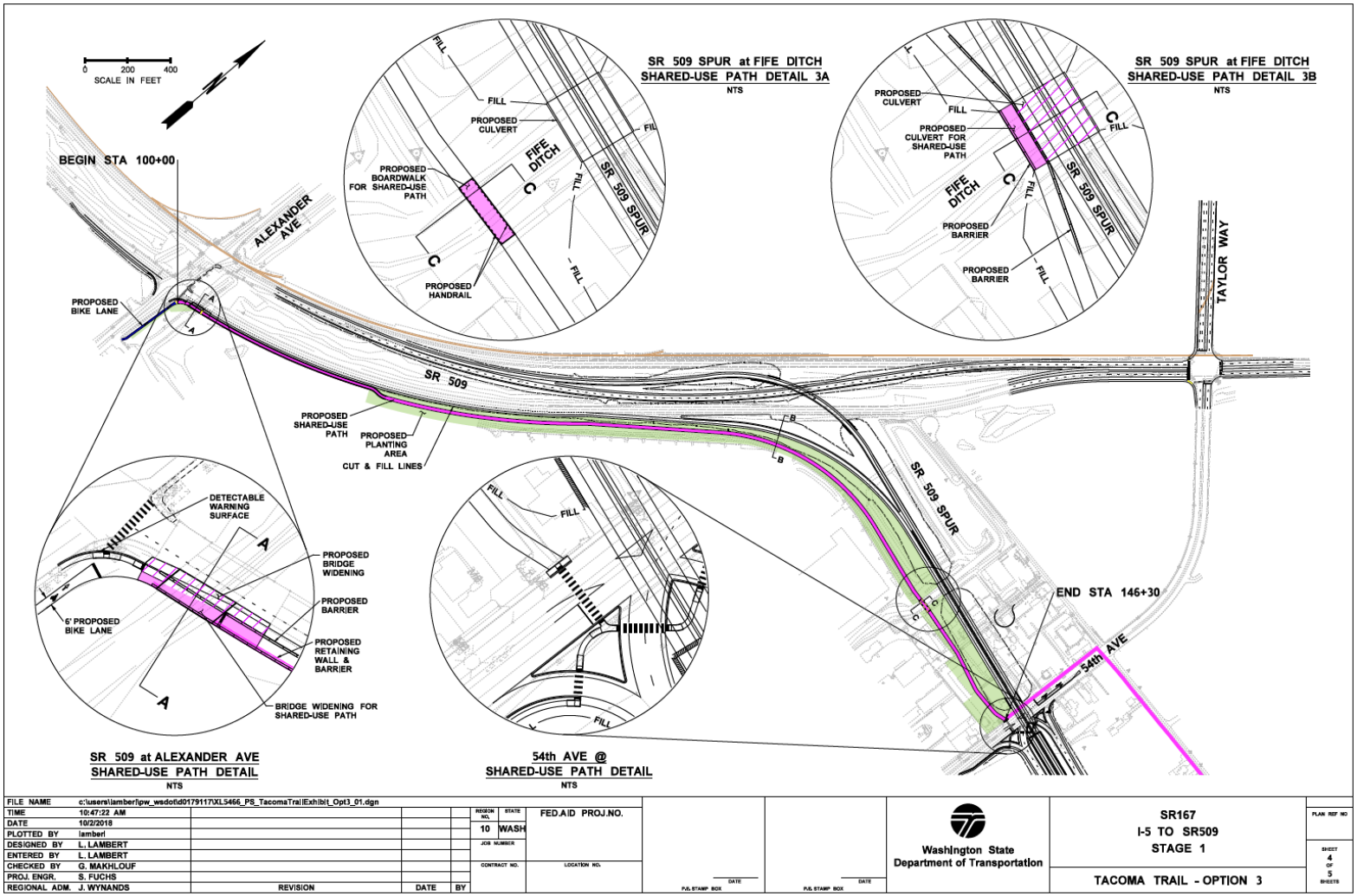


FILE NAME	c:\users\lamberl\pw_wsdotid0179117\XL5466_PS_TacomaTrail\Exhibit_Opt1_01.dgn				REGION NO. 10	STATE WASH	FED.AID PROJ.NO.	Washington State Department of Transportation	SR167 I-5 TO SR509 STAGE 1
TIME	11:35:20 AM				JOB NUMBER				
DATE	8/28/2018				CONTRACT NO.	LOCATION NO.			TACOMA TRAIL - OPTION 1
PLOTTED BY	lamberl								
DESIGNED BY	L. LAMBERT								
ENTERED BY	L. LAMBERT								
CHECKED BY	G. MAKHLOUF								
PROJ. ENGR.	S. FUCHS								
REGIONAL ADM.	J. WYNANDS	REVISION	DATE	BY					

SR 167 Completion Project – Shared Use Path Concepts



SR 167 Completion Project – Shared Use Path Concepts



SR 167 Next Steps

- Kickoff the SR 167 Bike/Ped Subcommittee in December
- Continue dialog with Tacoma regarding active transportation opportunities along SR 509

- Continue right of way acquisition process
- Complete NEPA Re-Evaluation December 2018
- Increase coordination with Sound Transit regarding Tacoma Dome Link Extension

- Develop Stage 1A 30% design and design approval late 2018
- Continue coordination with Fife regarding the Interurban Trail design and construction
- Issue Stage 1A Request for Qualifications October 25, 2018
- Issue Stage 1A Request for Proposals February 28, 2019
- Issue Stage 1A Notice to Proceed to Design-Builder July 2019

- Accepting clean fill dirt

More information:

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SR 167 Project Manager
(360) 357-2623
FuchsS@wsdot.wa.gov

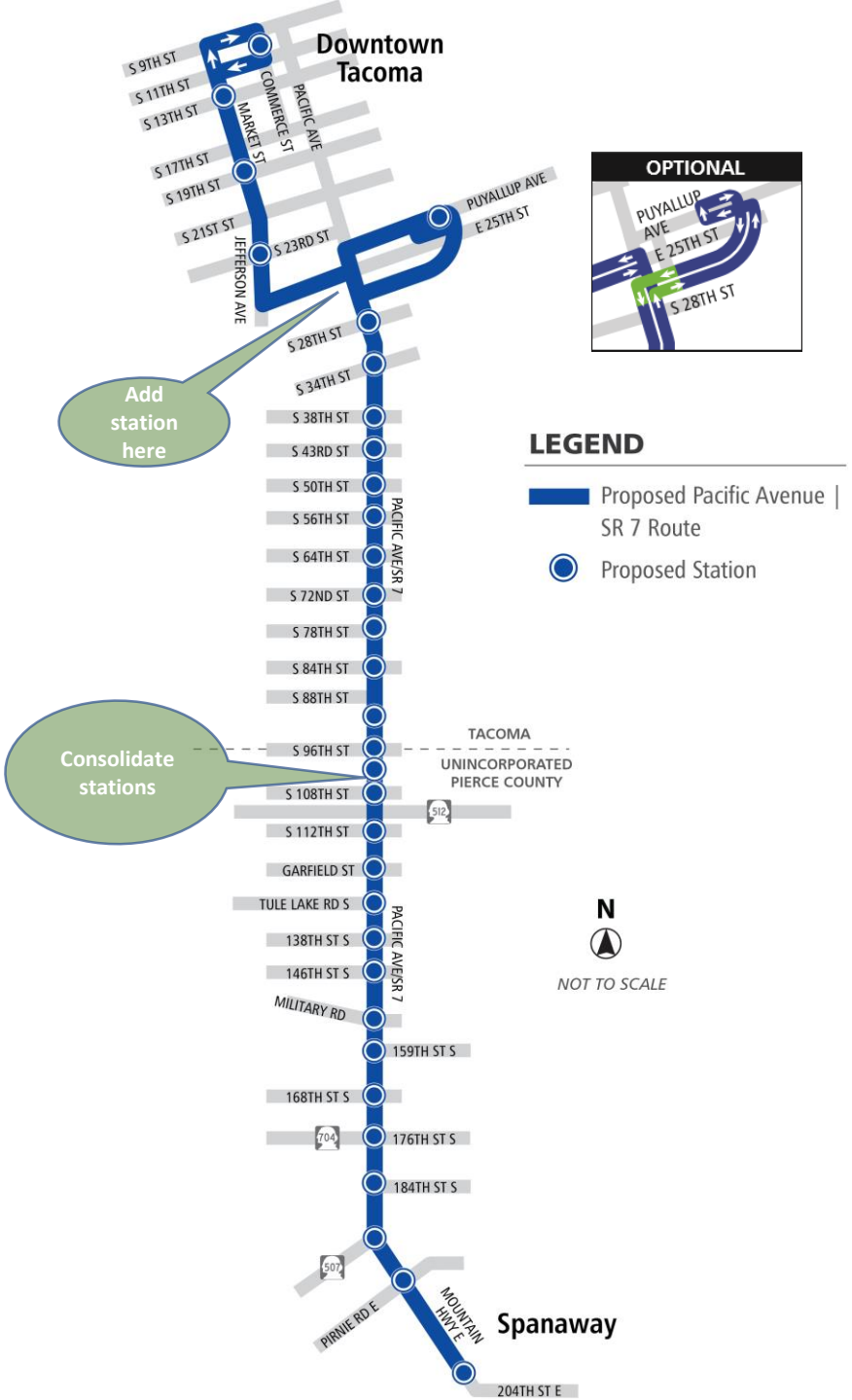
Thomas Slimak, PE
SR 167 Assistant Project Manager
(360) 357-2694
SlimakT@wsdot.wa.gov

RideBRT

BUS RAPID TRANSIT TACOMA TO SPANAWAY

Tacoma Transportation Commission

October 17, 2018


Downtown Tacoma
S 9TH ST
S 11TH ST
S 13TH ST
COMMERCE ST
MARKET ST
PACIFIC AVE
S 17TH ST
S 19TH ST
S 21ST ST
JEFFERSON AVE
S 23RD ST
PUYALLUP AVE
E 25TH ST
OPTIONAL
PUYALLUP AVE
E 25TH ST
S 28TH ST
S 28TH ST
S 34TH ST
S 38TH ST
S 43RD ST
S 50TH ST
S 56TH ST
S 64TH ST
S 72ND ST
S 78TH ST
S 84TH ST
S 88TH ST
PACIFIC AVE/SR 7
Add station here
Consolidate stations
S 96TH ST
TACOMA
UNINCORPORATED PIERCE COUNTY
S 108TH ST
512
S 112TH ST
GARFIELD ST
TULE LAKE RD S
138TH ST S
146TH ST S
MILITARY RD
PACIFIC AVE/SR 7
159TH ST S
168TH ST S
704
176TH ST S
184TH ST S
507
PIRNIE RD E
MOUNTAIN HWY E
Spanaway
204TH ST E
LEGEND
Proposed Pacific Avenue | SR 7 Route
Proposed Station
N
NOT TO SCALE

Additional Traffic Analysis

Corridor Analysis

- PM Synchro analysis of intersections
- Vissim for 46th to 72nd Street
- Existing Vissim for 108th to 112th
- Will evaluate:
  - Weaving/merging (transition zones)
  - Operations across 512 interchange
  - BRT vehicle stopping in curbside lane
  - Signal phasing, TSP, and queue-jumps
  - Impact of added U-turns (median lane segments)
  - Impact of added pedestrian crossing distance

Additional Traffic Analysis

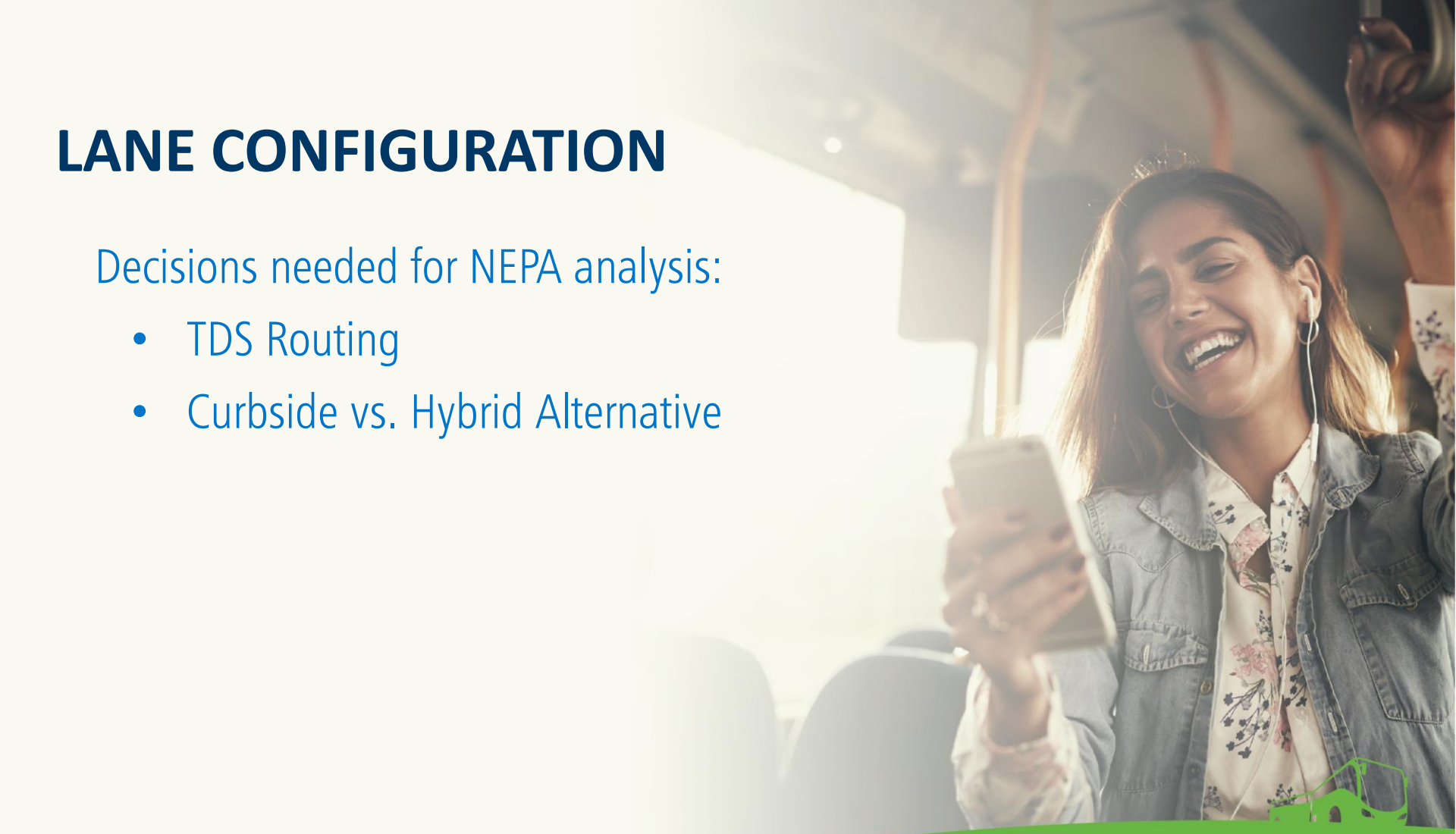
Tacoma Dome Station Routing

- Routing options
  - Clockwise loop of Puyallup/G/26th
  - In and Out on 26th Street
- AM/PM Synchro analysis of all 11 signalized intersections (existing and future year)
- Possible follow-up with Vissim analysis

LANE CONFIGURATION

Decisions needed for NEPA analysis:

- TDS Routing
- Curbside vs. Hybrid Alternative



RideBRT
BUS RAPID TRANSIT TACOMA TO SPANAWAY

Pierce Transit

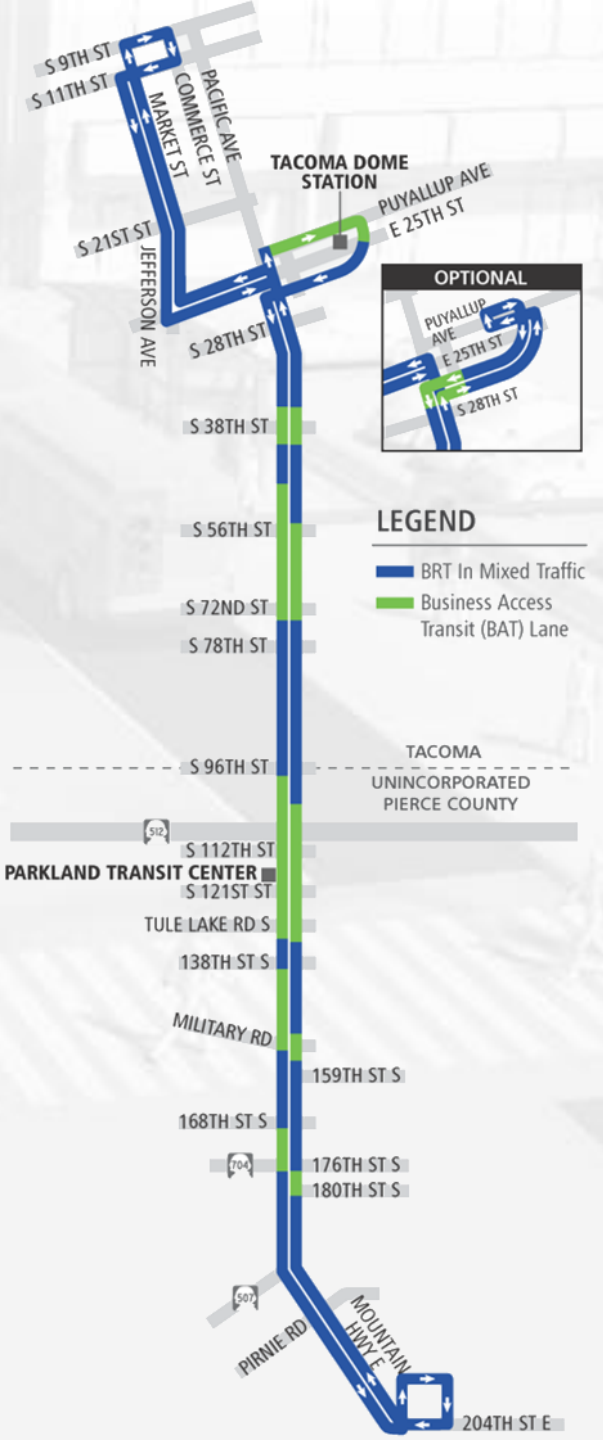
CURBSIDE ALTERNATIVE

BRT in Mixed Traffic

- 9.9 miles
- $5.1M per mile

BRT in BAT Lane

- 4.5 miles
- $14.0M per mile



HYBRID ALTERNATIVE

BRT in Mixed Traffic

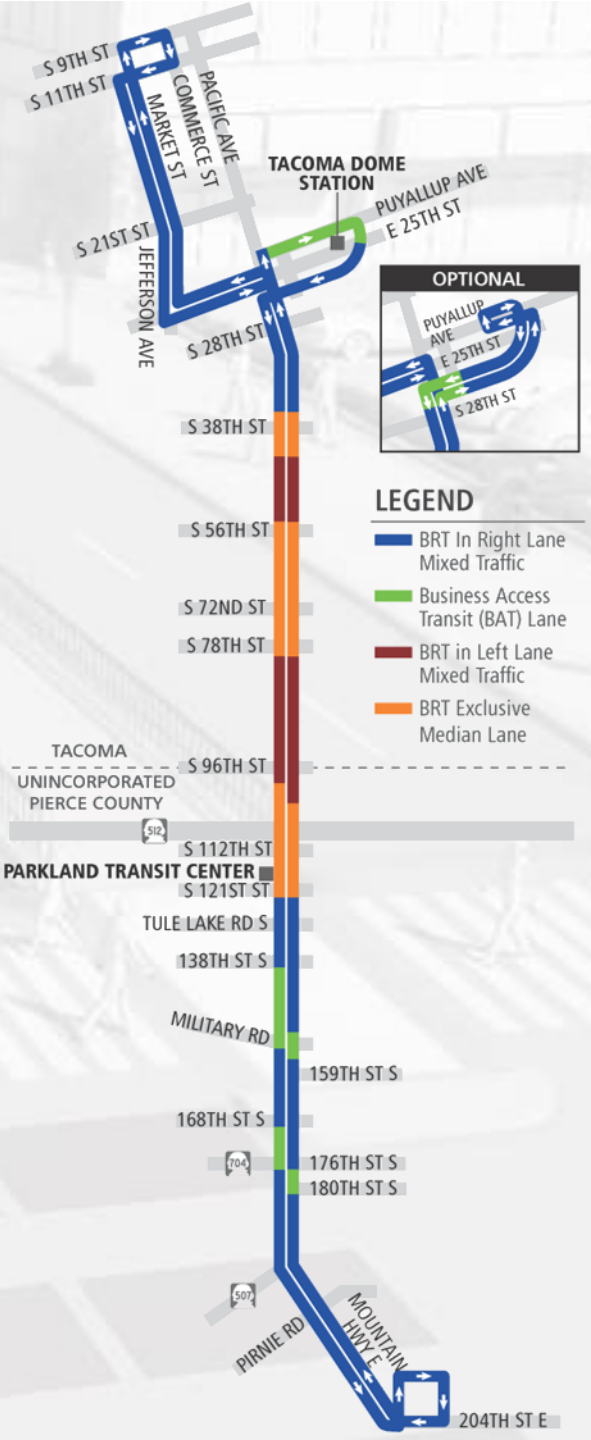
- 9.8 miles
- $6.6M per mile

BRT in BAT Lane

- 1.0 miles
- $14.0M per mile

BRT in Exclusive Lane

- 3.6 miles
- $11.8M per mile



BUS
BUS

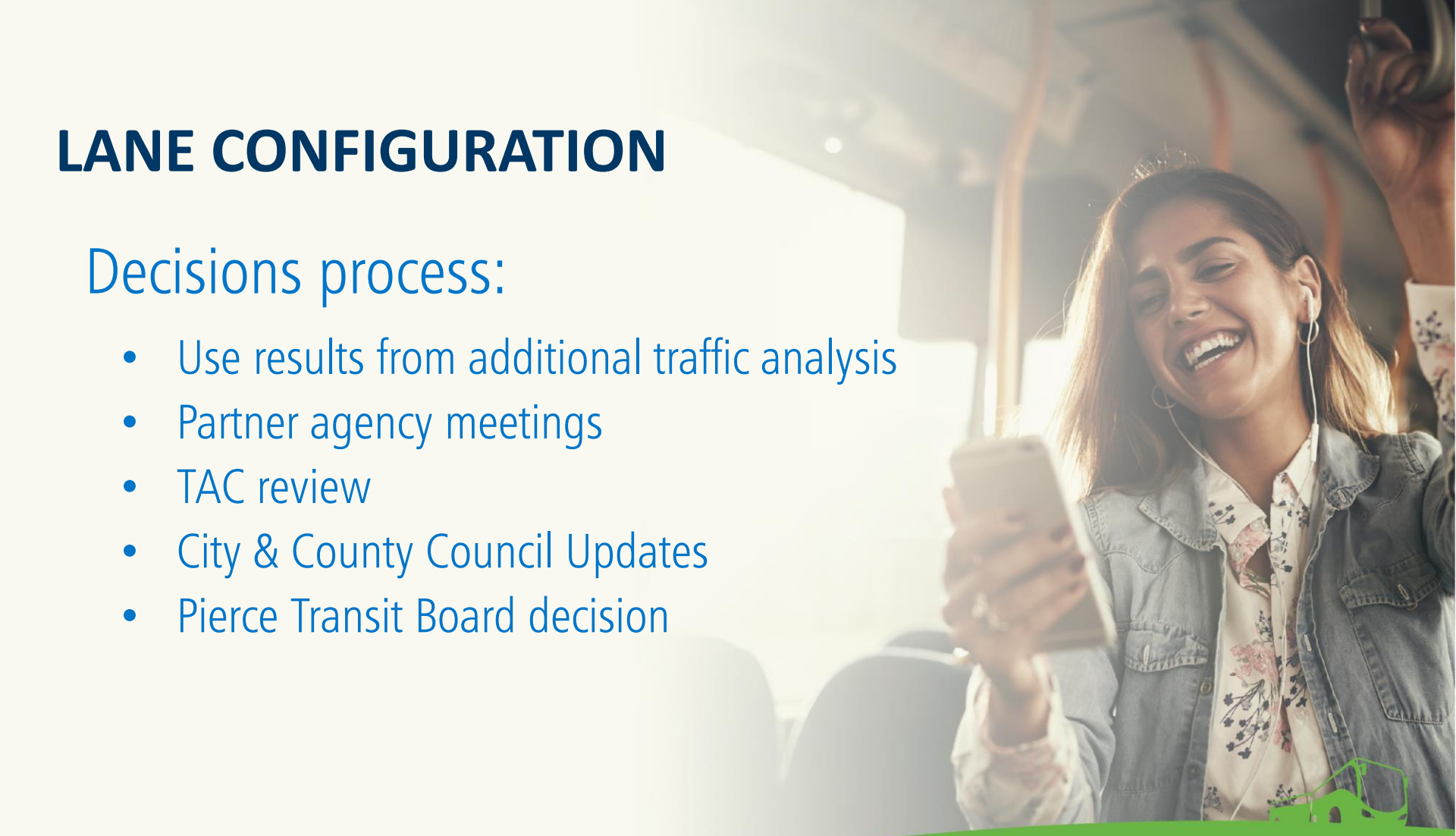
EVALUATION

	Current 2018	No Build 2040	Curbside 2040	Hybrid 2040
Daily Ridership	3,500	3,883	6,700 (73%)	7,064 (84%)
Travel Time: Spanaway to TDS	63 min	63 min	43 min (32%)	41 min (35%)
Travel Time: Spanaway to Downtown	62 min	62 min	55 min (11%)	53 min (15%)
Number of Stops/Stations (Pairs)	65	65	32	32
Capital Cost	N/A	$0M	$150M	$150M

LANE CONFIGURATION

Decisions process:

- Use results from additional traffic analysis
- Partner agency meetings
- TAC review
- City & County Council Updates
- Pierce Transit Board decision



PierceTransit

Proactive Public Outreach

COMMUNITY ENGAGEMENT 2017 TO NOW

GENERATED NEARLY 1 million IMPRESSIONS FROM DIGITAL ADS

along a corridor of **55,000** *residents with more than* **3,500** *weekday boardings*

729,266 IMPRESSIONS *in English*

205,188 IMPRESSIONS *in Spanish*

REACHED 20,242 PEOPLE *through* **POSTS**

PLACED 40 ADS *in print* **PUBLICATIONS**

MAILED *informational* **FLYERS** *to* *24,200 households*

& PRODUCED *25,000* **BILINGUAL** *brochures*

with comment card and open house dates

PierceTransit

Proactive Public Outreach

COMMUNITY ENGAGEMENT 2017 TO NOW

EARNED 11 **MEDIA** placements from 5 **DIFFERENT** press releases

DESIGNED & PUBLISHED an *informational website* with **UP-TO-DATE** *information* on the project 6,235 views

AS IT EVOLVES

ENGAGED *riders* on issues **FOR** 128 hours **OVER** 16 **DAYS**

ENGAGED WITH *general public* **AT** 14 *events* including fairs & farmers markets

& **HOSTED** 11 *open houses*

SHARED INFO *with riders through nearly* 80,000 **ONBOARD** *audio* **&** *scrolling messages*

LET'S GET MOVING

RideBRT

BUS RAPID TRANSIT TACOMA TO SPANAWAY

DON'T wait. Learn about BRT (Bus Rapid Transit) today – A reliable, comfortable, NEW transit option coming to the area.

RideBRT.com

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PROJECT SCHEDULE