



# Roundabout at the intersection of Angeline Road and Veterans Memorial Drive

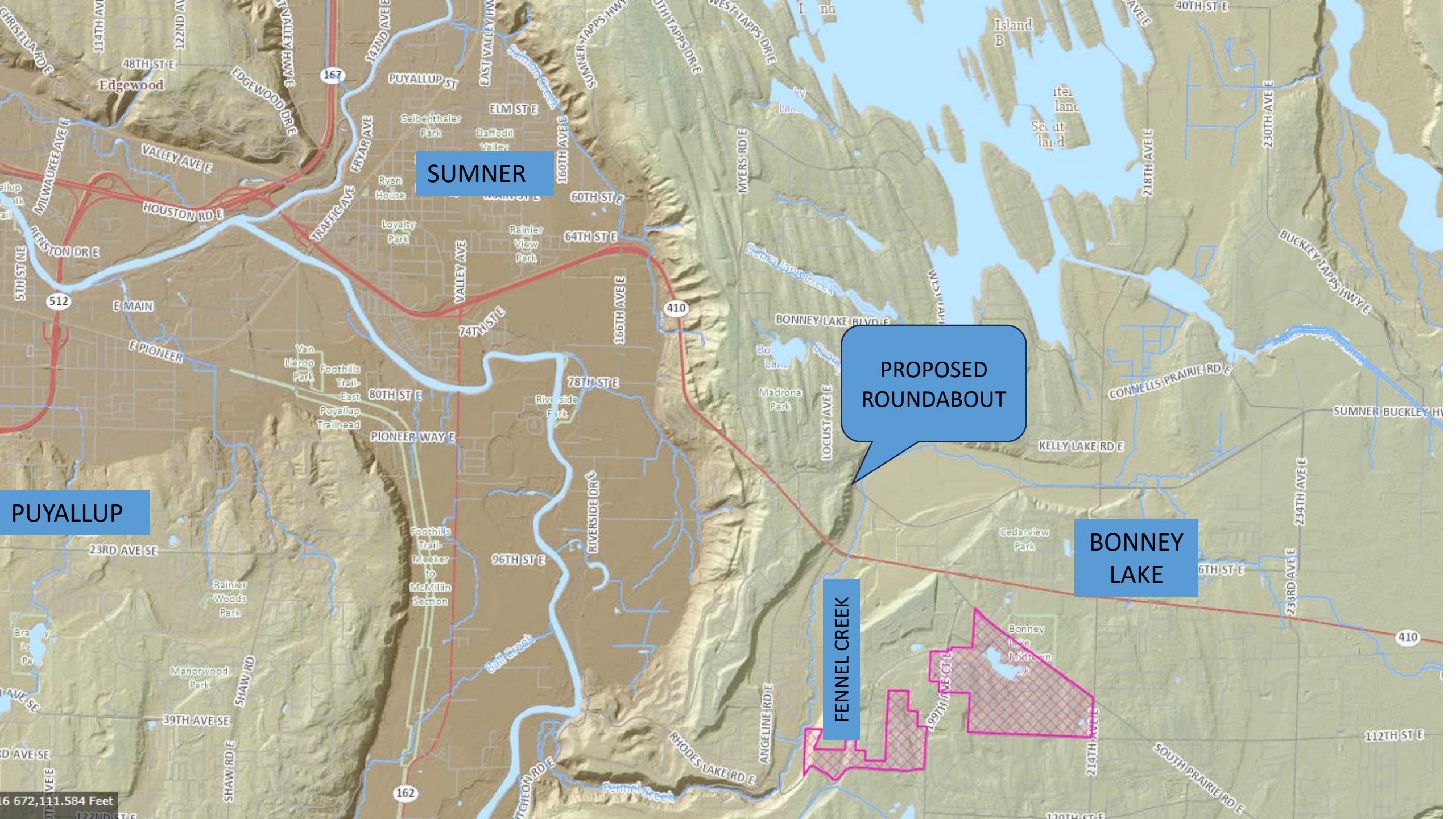
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Ken Gill, PE  
City Engineer

Patrick Holm, PE  
Project Manager, SCJ Alliance

David Rowland, PE  
Project Engineer, SCJ Alliance





SUMNER

PROPOSED ROUNDABOUT

PUYALLUP

BONNEY LAKE

FENNEL CREEK

# CONNECTS DOWNTOWN TO MIDTOWN CENTERS

## DOWNTOWN

- Countywide Growth Center
- Civic center of the city
- Future downtown mixed use project

## PROJECT LOCATION

## EASTOWN

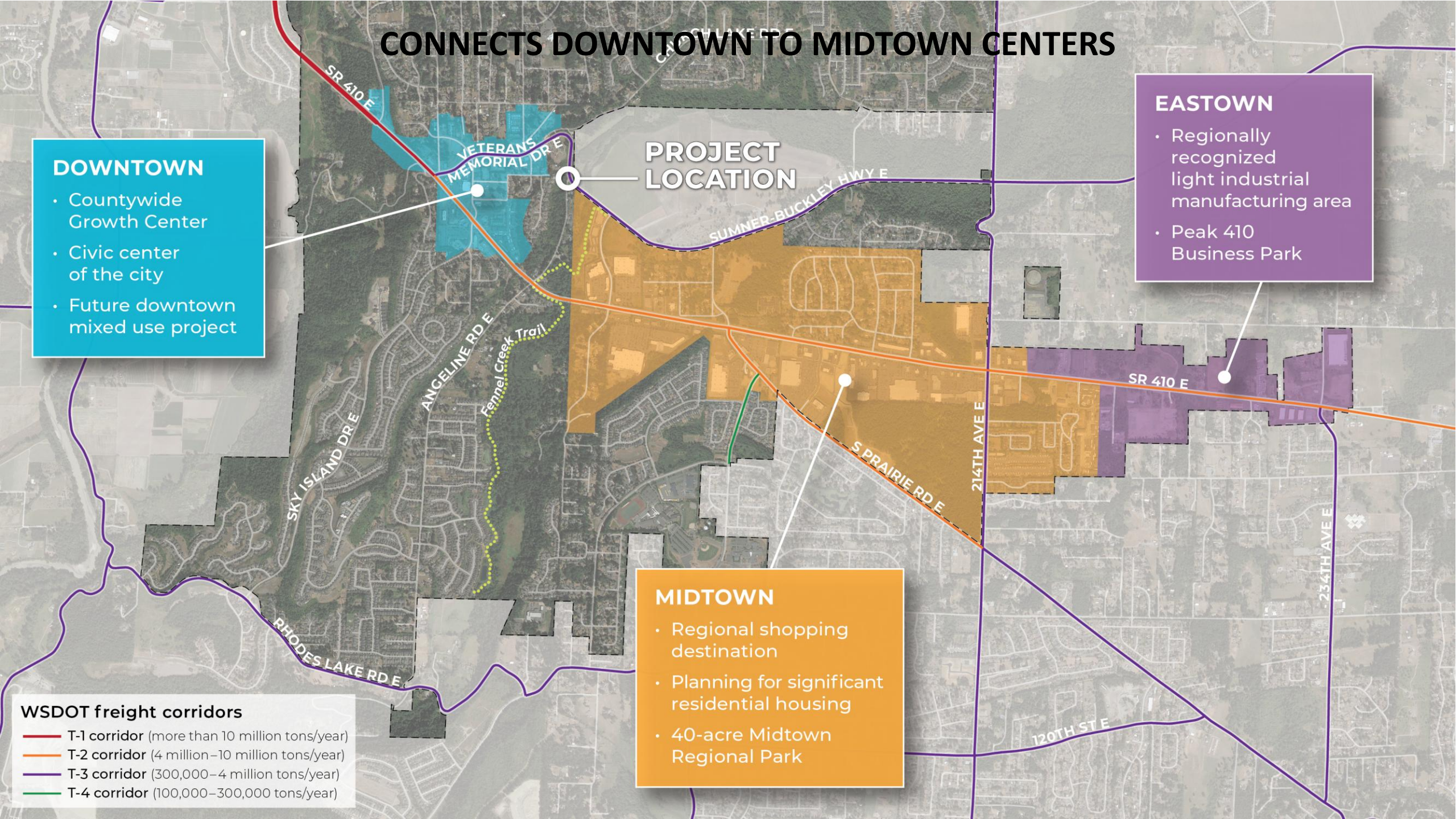
- Regionally recognized light industrial manufacturing area
- Peak 410 Business Park

## MIDTOWN

- Regional shopping destination
- Planning for significant residential housing
- 40-acre Midtown Regional Park

### WSDOT freight corridors

- T-1 corridor (more than 10 million tons/year)
- T-2 corridor (4 million–10 million tons/year)
- T-3 corridor (300,000–4 million tons/year)
- T-4 corridor (100,000–300,000 tons/year)



# Existing Conditions

## Existing Volumes:

- Angeline Rd ADT – 4,700
- Veterans Memorial Dr ADT – 13,300
- Freight in Tons Per Year – 3,723,250
- No room for bicyclists or pedestrians

## Existing Operations

- AM Peak Hour – LOS D
- PM Peak Hour – LOS F
- Several frustrated drivers



*Looking West from Angeline Road*

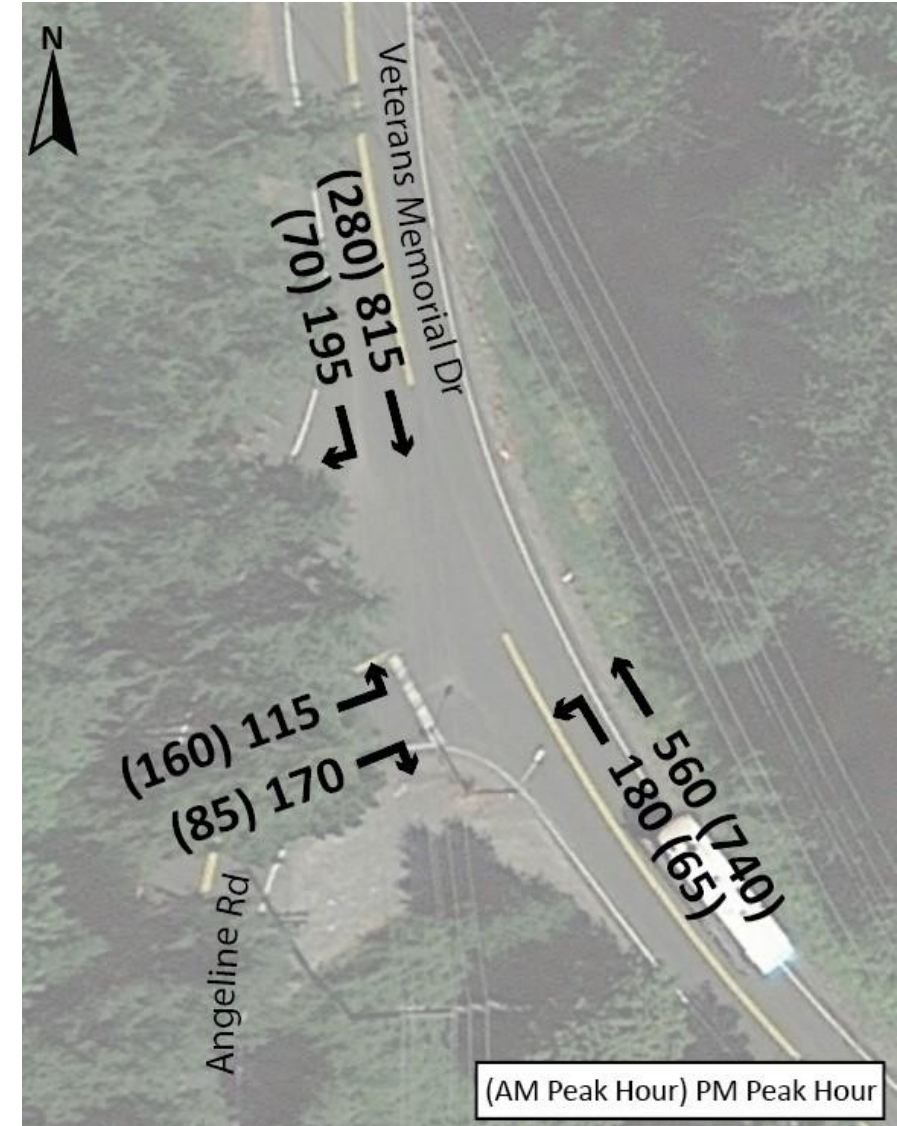


*Looking East from Angeline Road*

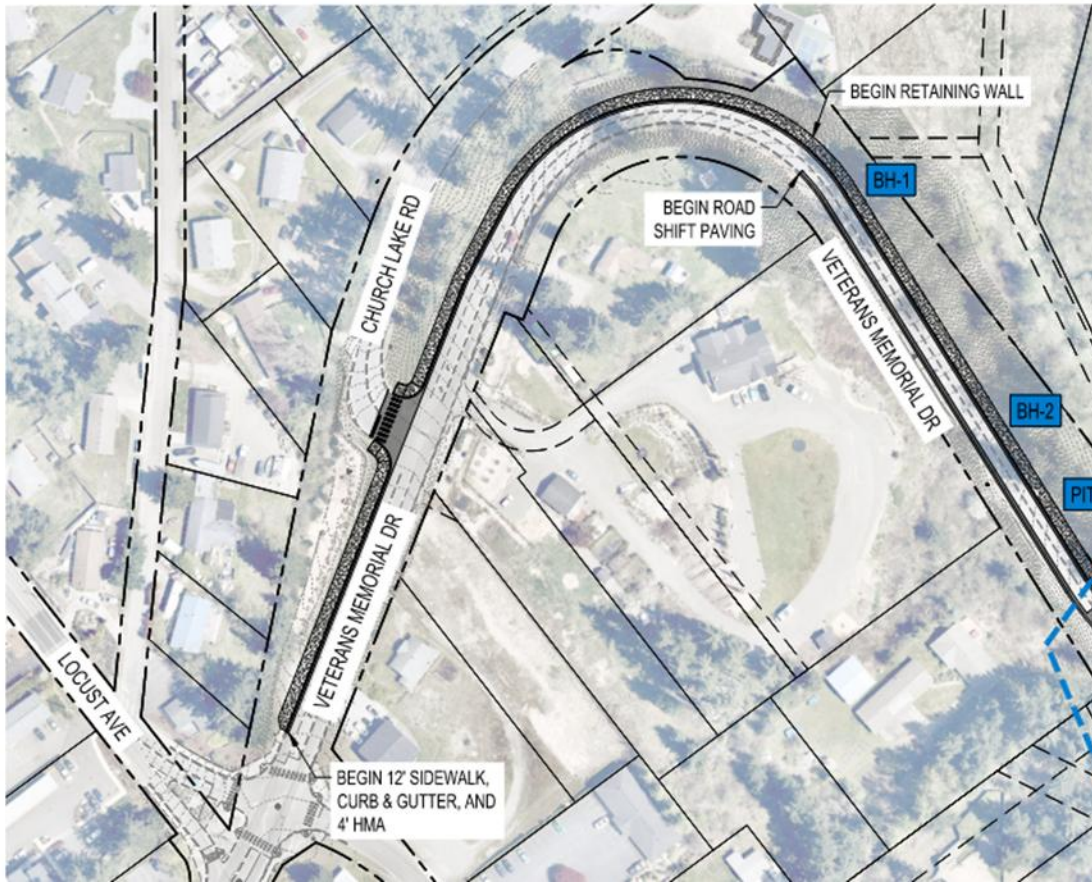
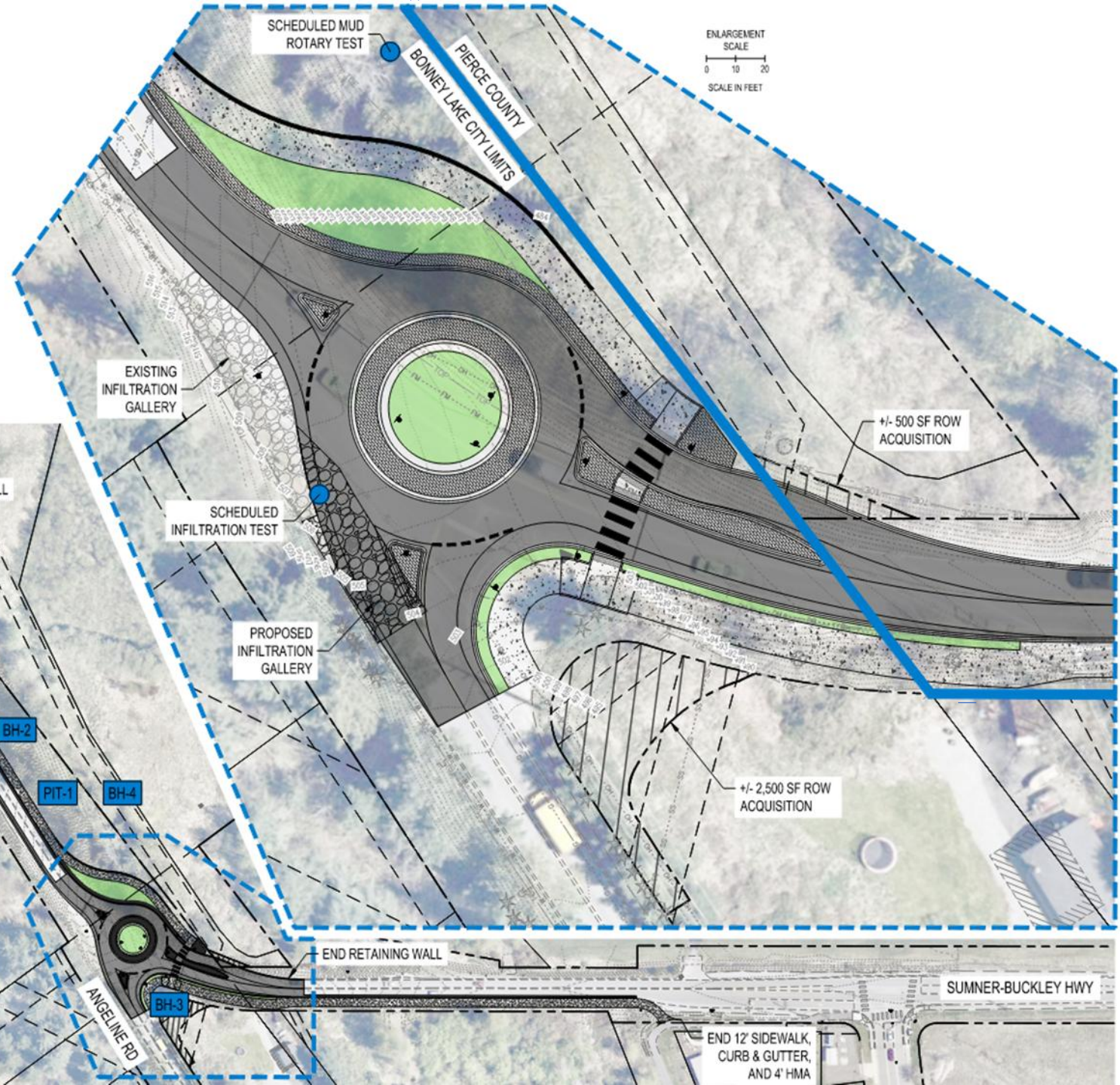
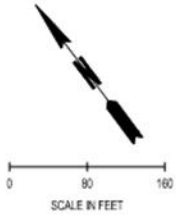
# Intersection Control Evaluation

## Alternatives Analysis

Concept	AM Peak Hour		PM Peak Hour	
	LOS (Delay)	Worst Queue	LOS (Delay)	Worst Queue
Existing 2023	D (26)	95 feet	F (82)	365'
Projected 2049 - Existing	F (132)	295'	F (200+)	1,830'
Projected 2049 - Signal	B (10)	225'	C (24)	575'
Projected 2049 - RAB	A (6)	160'	A (8)	355'



# Project Status?



END 12' SIDEWALK,  
CURB & GUTTER,  
AND 4' HMA

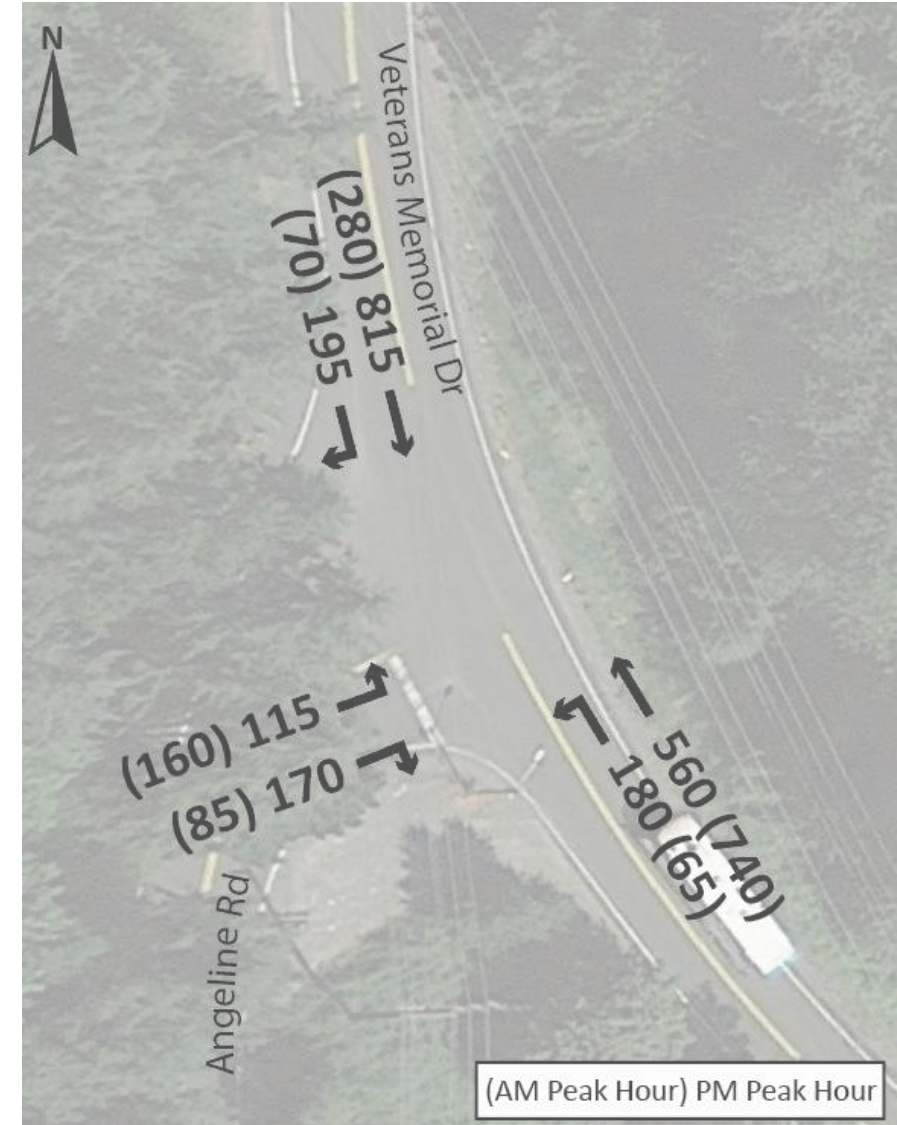
# Safety Improvements

## 5-year Crash History (2021-2025):

- 28 total crashes
- 8 injury crashes
- No Bike and Ped crashes but only because no room to ride or walk now

## Projected Crash Reduction

- Traffic Signal – 14% reduction in injury crashes
- Roundabout – 88% reduction in injury crashes



# Letters of Support



Pierce County

**CORLISS**  
MANAGEMENT GROUP

SINCE 1892  
**CORLISS**  
MANAGEMENT GROUP

**KELLEY FARM**



Pierce County  
Planning & Public Works

2702 South 42nd Street, Suite 109  
Tacoma, Washington 98409-7315  
[piercecounitywa.gov/ppw](http://piercecounitywa.gov/ppw)

Jen Tetatzin, PE, PMP — Director

July 11, 2023

Mayor Michael McCullough  
City of Bonney Lake  
9002 Main Street East, STE 200  
Bonney Lake, WA 98391

**Re: Letter of Support for Roundabout at Angeline Road East and Veterans Memorial Drive East**

Dear Mayor McCullough:

On behalf of Corliss Management Group, LLC a family held business that has operated in the Bonney Lake area for over 100 years, it is our pleasure to add a letter of support to Bonney Lake's application for a \$650K grant for design funding from the Puget Sound Regional Council (PSRC) Rural Town Centers and Corridors Program (RTCCP).

July 10, 2023

Mayor Michael McCullough  
City of Bonney Lake  
9002 Main Street East, STE 200  
Bonney Lake, WA 98391

**Subject: Letter of Concurrence for Roundabout at Angeline Road East and Veterans Memorial Drive East**

Dear Mayor McCullough:

The purpose of this letter is to provide our concurrence with the City of Bonney Lake's \$650K grant application for design funding from the Puget Sound Regional Council (PSRC) Rural Town Centers and Corridors Program. If the project is selected by the PSRC, our understanding is the federal funding will be used to design a roundabout at the intersection of Angeline Road East and Veterans Memorial Drive East.

DELIVERED ELECTRONICALLY

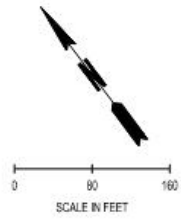
# Detour Route

- Key detour route parallel to SR 410 during peak traffic periods. June 27 collision @ on SR 410 caused traffic to divert to Veterans Memorial HWY.
- PM LOS F exacerbated when used as a detour route.



# Project Funding

- 2025/2026 Design - **\$730,000**
  - Local Funds: \$211,000
  - RTCC Funds: \$519,000
- 2026/2027 Right of Way - **\$110,000**
  - Local Secured Funds: \$67,000
  - RTCC Awarded Funds: \$43,000
- 2027/2028 Construction - **\$6,483,000**
  - Local Secured Funds: \$2,249,000
  - **RTCC Requested Funds: \$1,000,000**
  - Legislative Reasonably Expected Funds: \$3,234,000



# QUESTIONS?

