



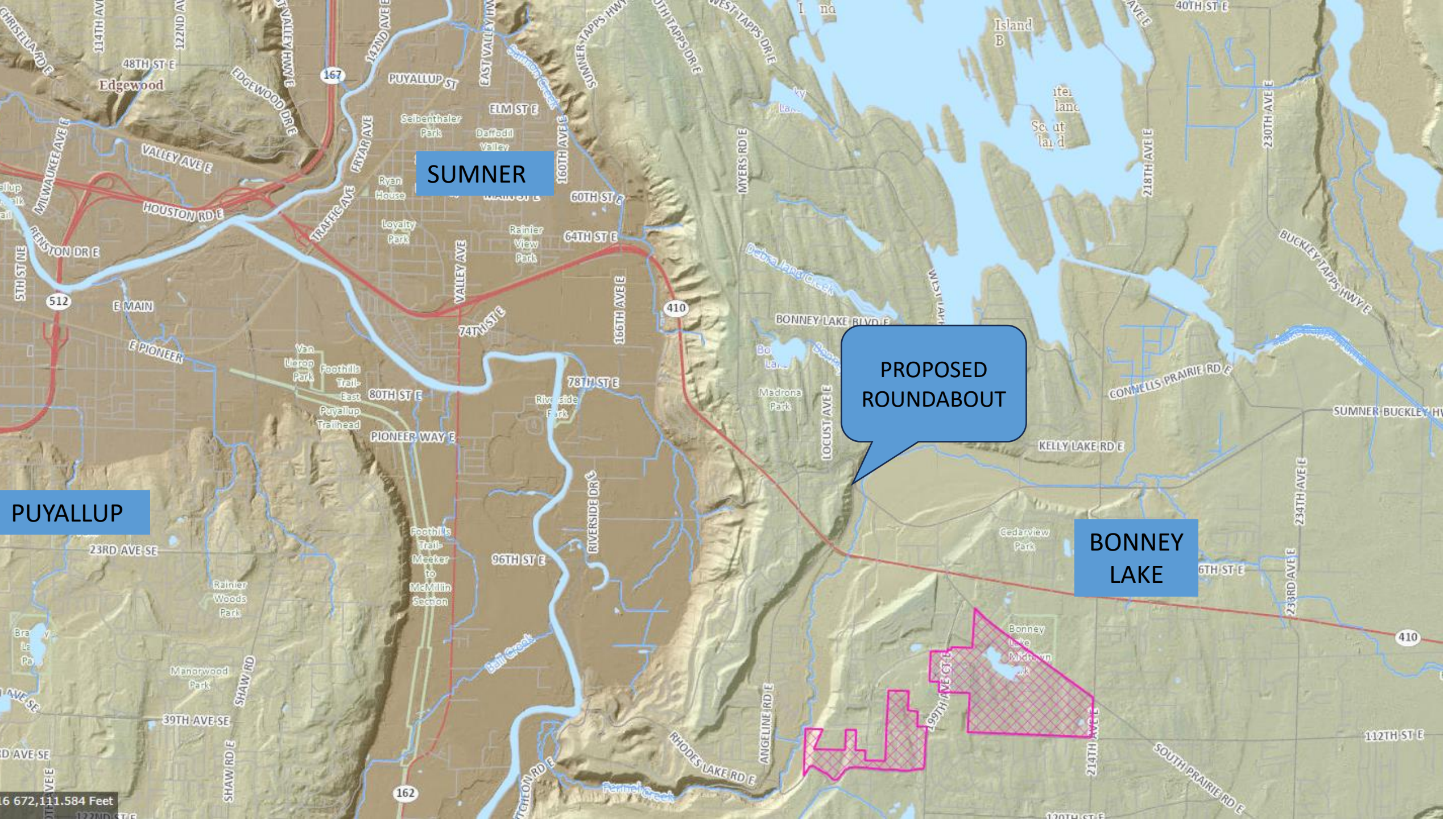
Roundabout at the intersection of Angeline Road and Veterans Memorial Drive

Doug Budzynski, PE
City Engineer

Ryan Shea, PTP
Senior Transportation Planner

Ken Gill, PE
Assistant City Engineer





SUMNER

PROPOSED ROUNDABOUT

PUYALLUP

BONNEY LAKE

CONNECTS DOWNTOWN TO MIDTOWN CENTERS

DOWNTOWN

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

PROJECT LOCATION

EASTOWN

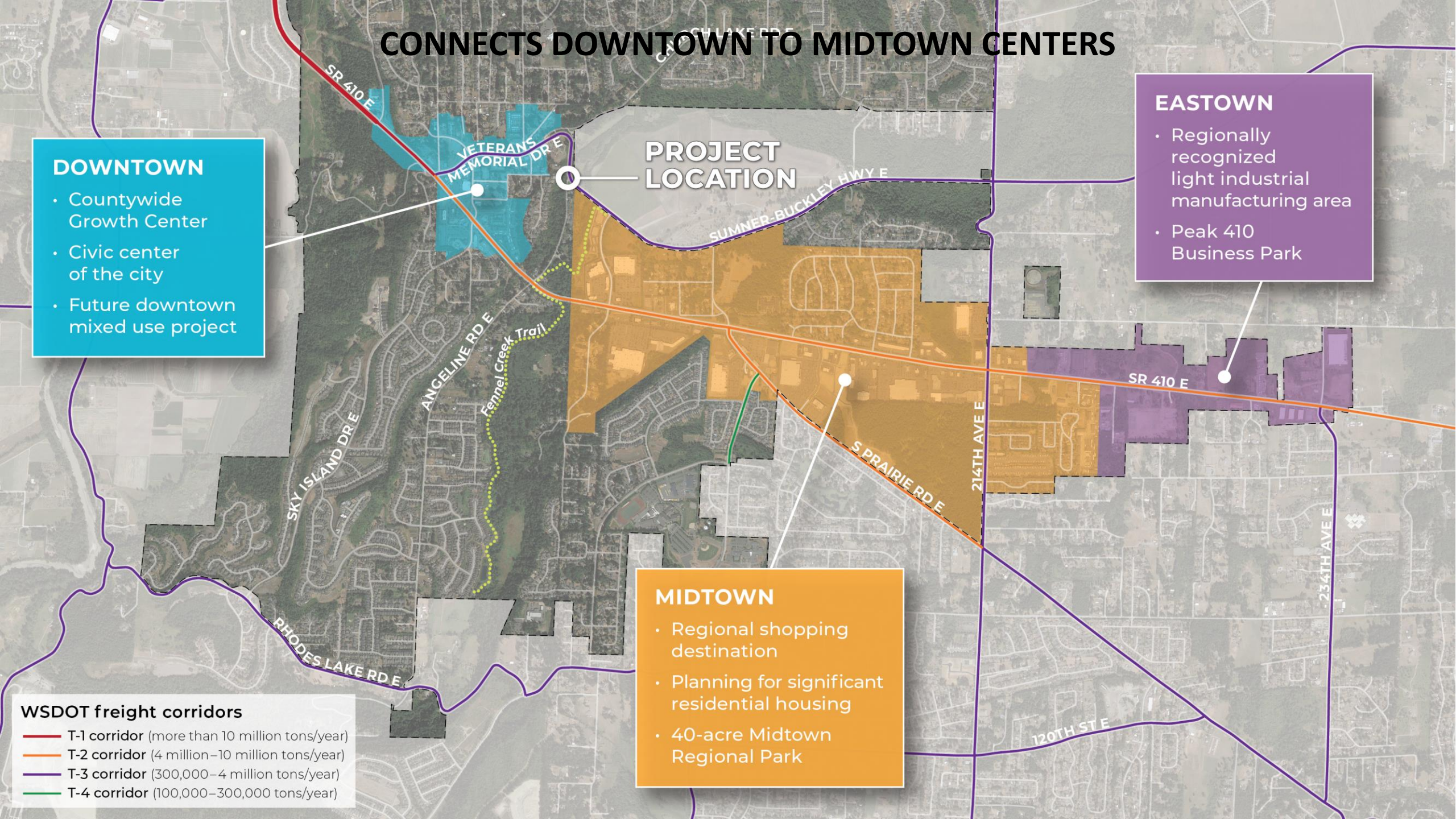
- Regionally recognized light industrial manufacturing area
- Peak 410 Business Park

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

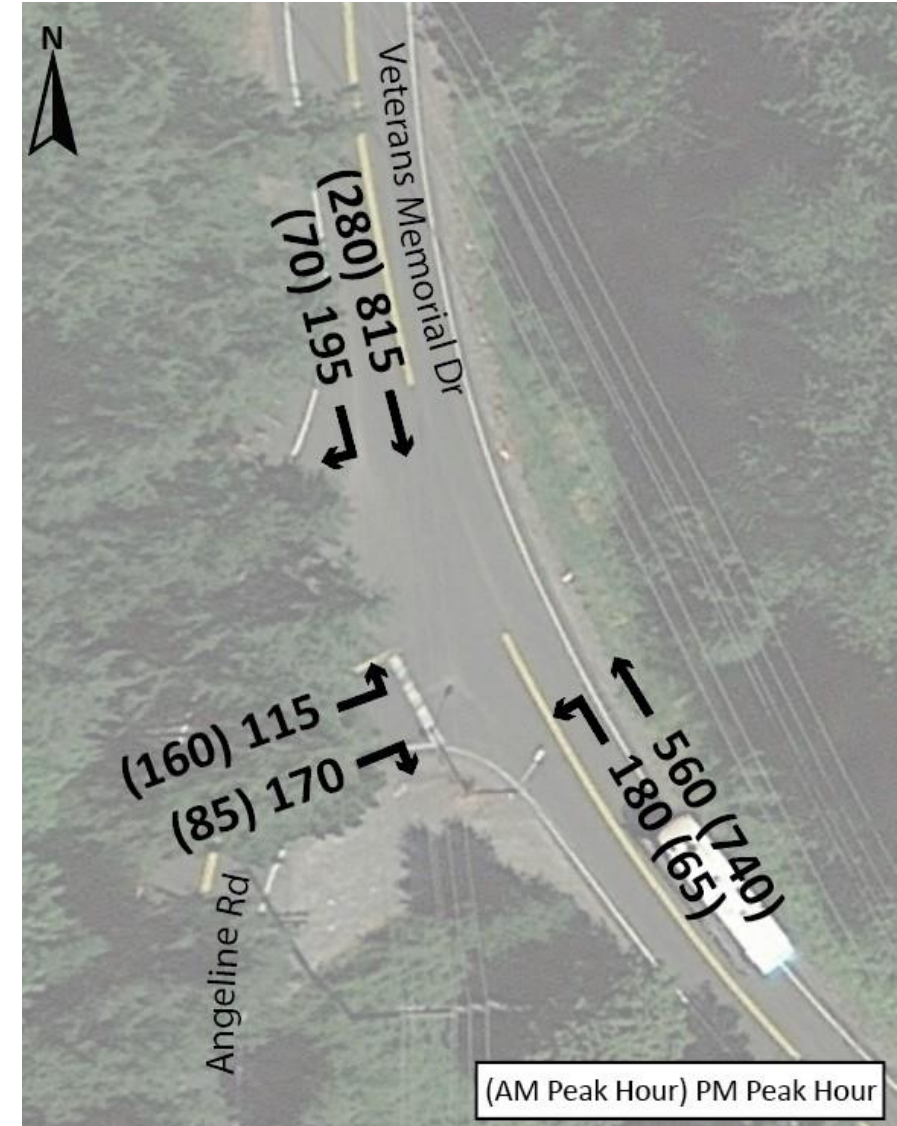


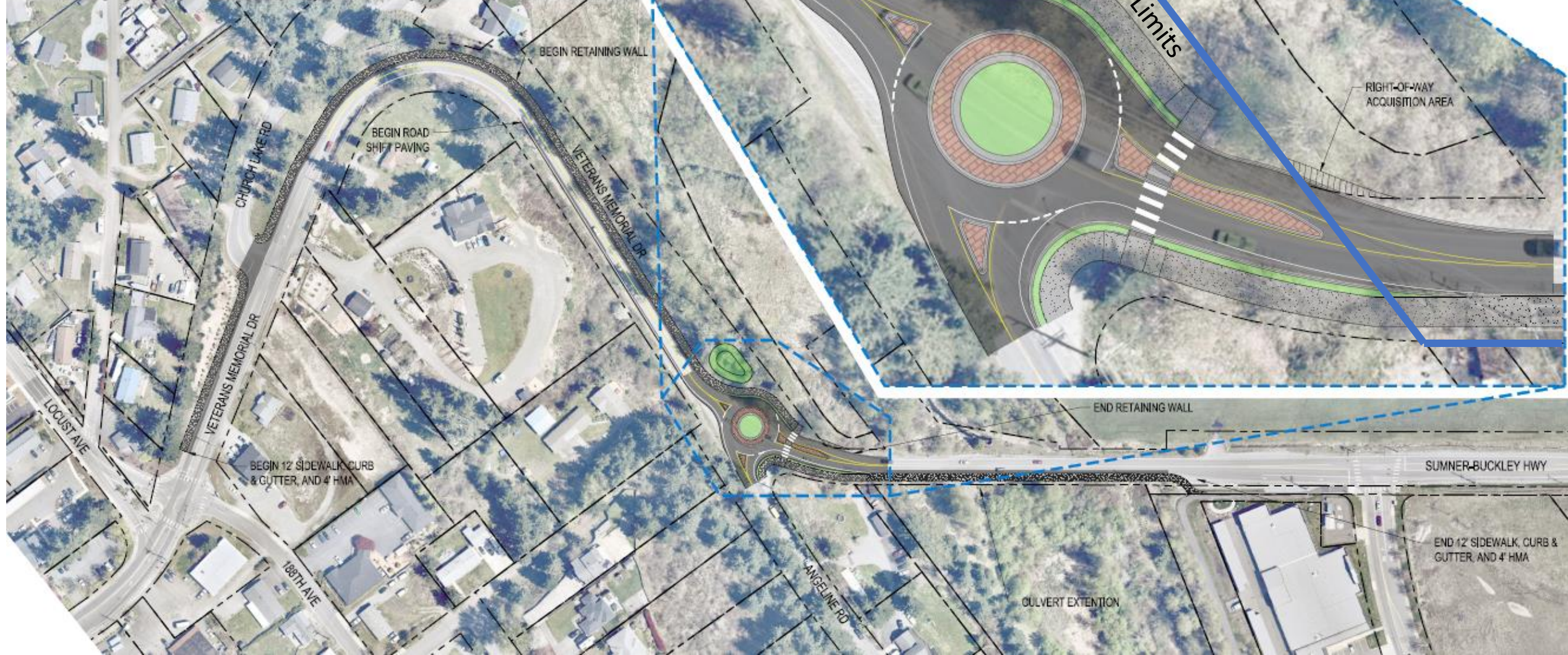
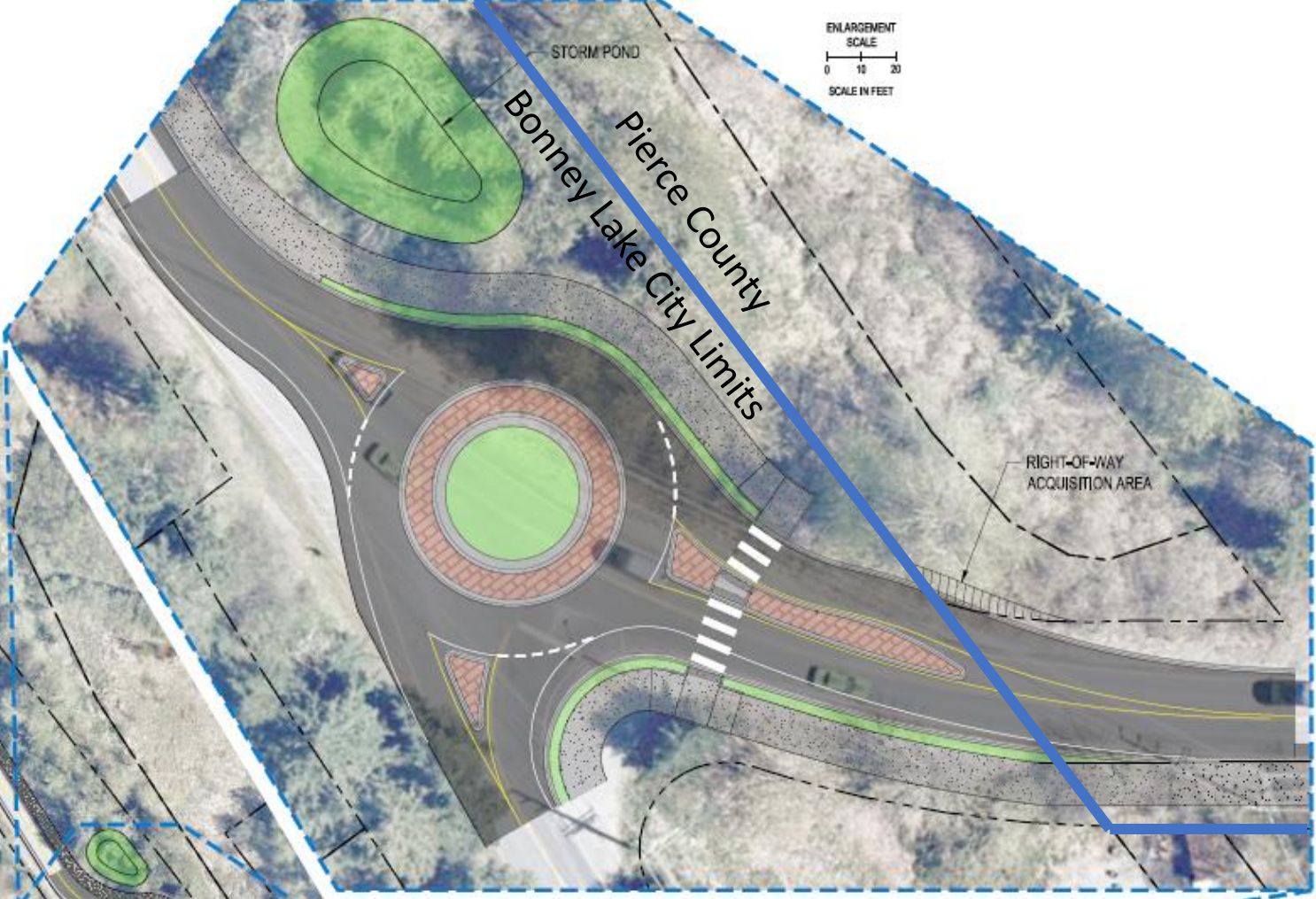
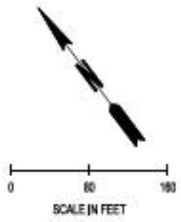
Looking East from Angeline Road

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'





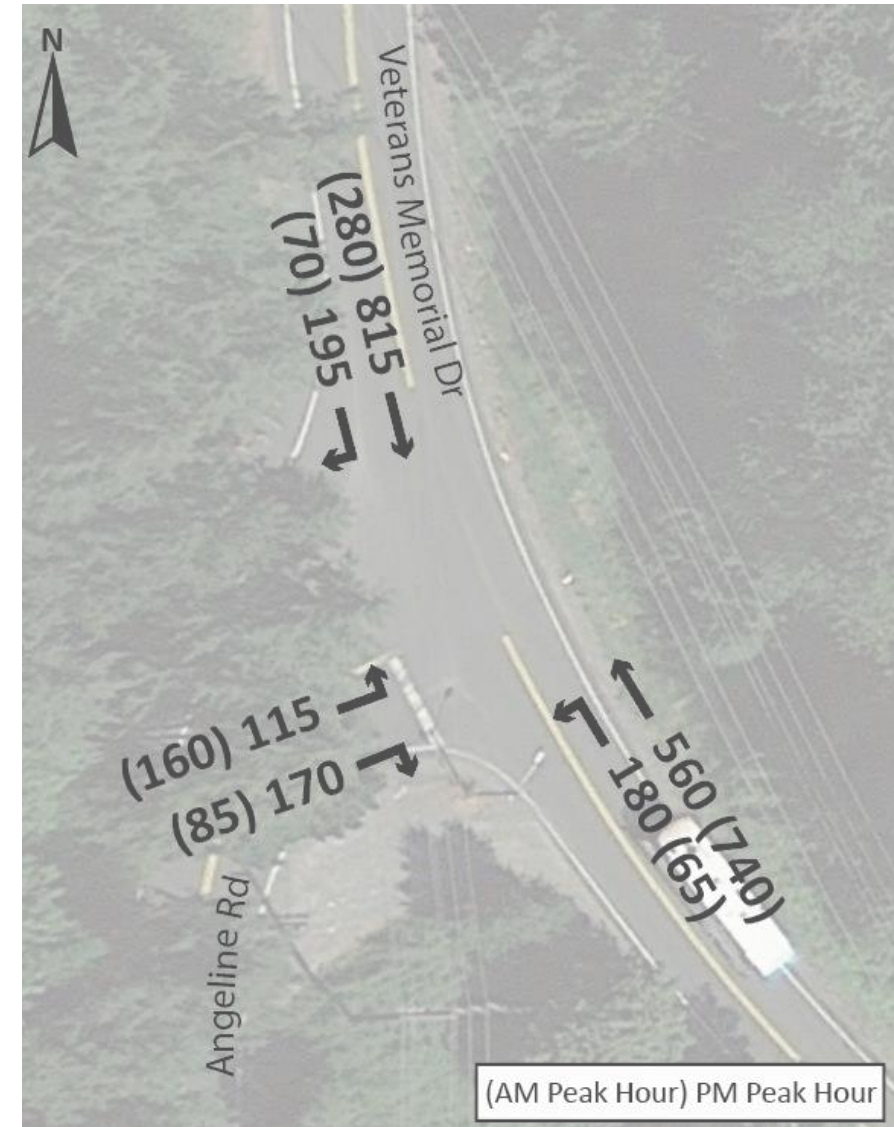
Safety Improvements

5-year Crash History (2017-2021):

- 24 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

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

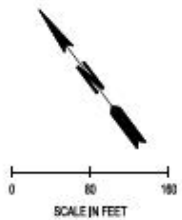
Detour Route

- 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

- 2024/2025 Design -\$600,000 RTCC Grant Application
- 2026 Right of Way - \$50,000 RTCC Grant Application
- 2027/2028 Construction- \$5,350,000
 - Traffic Impact Fees
 - TIB
 - RTCC
 - Local Road Safety Plan



QUESTIONS?

ENLARGEMENT
SCALE
0 10 20
SCALE IN FEET

