

Board of Commissioners Special Study Session Agenda
March 13, 2023, 3:00 p.m.



Virtual Meeting Participation Information:
Dial: 1-253-215-8782 Meeting ID No. 89336385915
Webinar link: <https://us02web.zoom.us/j/89336385915>

Physical Meeting Location:
Pierce Transit Training Center
3720 96th Street SW
Lakewood, WA 98499

The Regular Board meeting will be held after this meeting at 4:00 p.m.

Call to Order

Roll Call

Review/Discussion

1. Status Update of the Maintenance Operations and Base Improvement (MOBI) Project

Brian Matthews
Sr. Project Manager

2. Preliminary Discussion Whether to Pursue a Ballot Measure in 2023 to Collect Additional Sales Tax

Ryan Wheaton
E.D. of Planning and Community Development

Executive Session – None Scheduled

Adjournment



Maintenance and Operations Base Improvements (MOBI)

Program Status Update

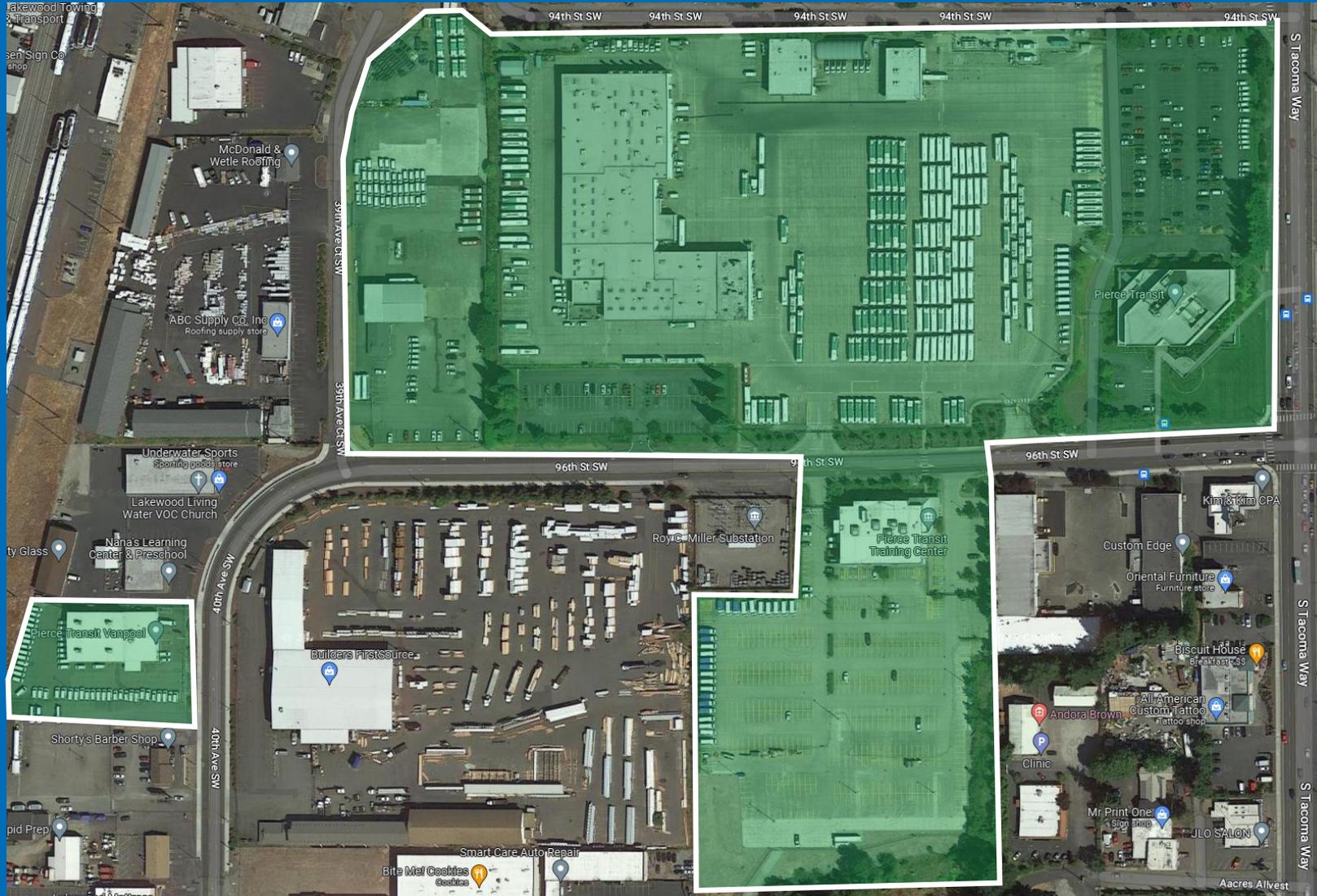
Presented by: Brian K. Matthews, PE, Senior Project Manager

Date: March 13, 2023

MOBI Project Objectives

- Improve safety.
- Add capacity for electric buses and other vehicles.
- Reduce time required to service buses.
- Provide ability to service articulated buses for future BRT routes.
- Provide ability to support Sound Transit articulated and double decker buses.

Pierce Transit Maintenance Base and Headquarters



Current MOBI Program – Project Overview

LEGEND

BUILDINGS

| | |
|-----|--|
| B1 | BUILDING 1* - VEHICLE MAINTENANCE |
| B2 | BUILDING 2* - BUS WASH & FACILITIES MAINT. |
| B3 | BUILDING 3* - FUEL & MONEY COUNTERS |
| B4 | BUILDING 4 - ADMIN / OPERATIONS |
| B5 | BUILDING 5 - ADMIN / TRAINING |
| B6 | BUILDING 6 - UNOCCUPIED / MISC |
| CNG | COMPRESSED NATURAL GAS YARD |
| F&W | FUEL & WASH FACILITY |

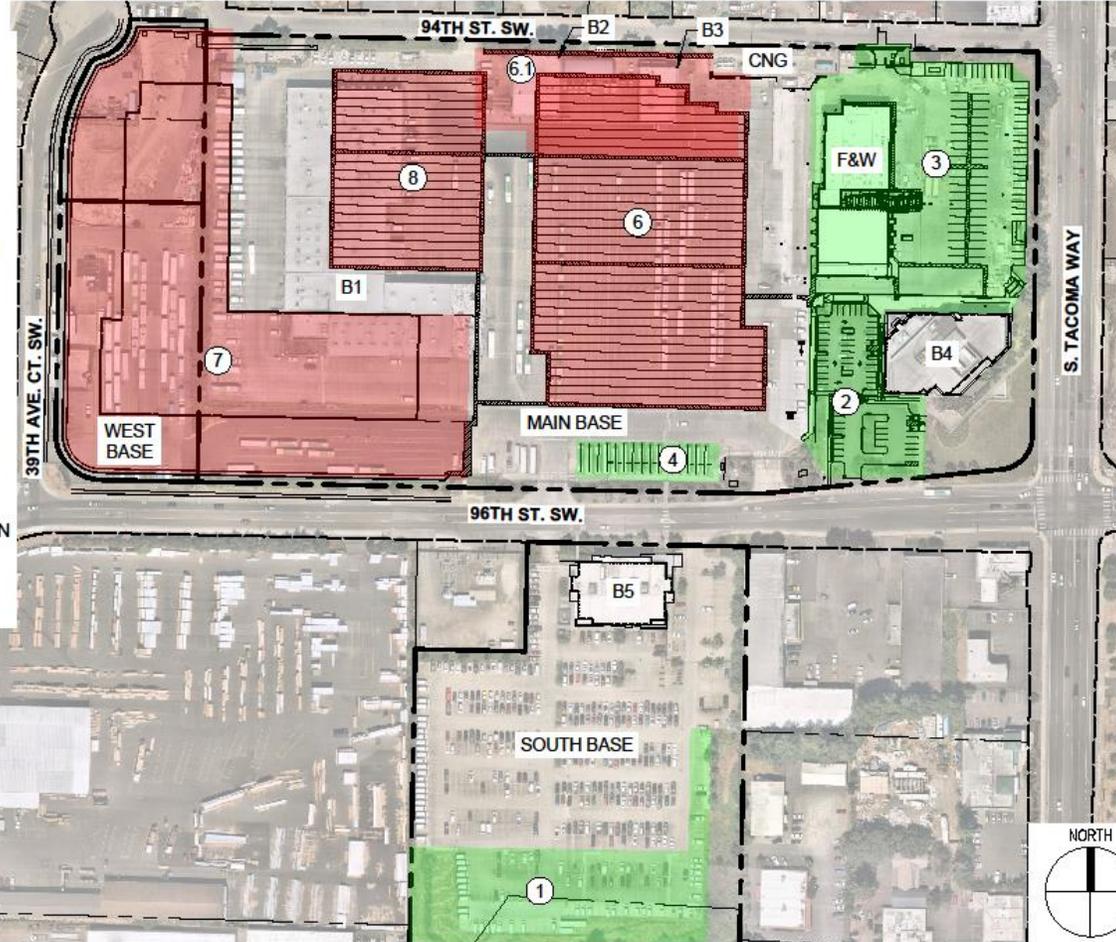
*BUILDING TO BE DEMOLISHED IN A LATER PHASE

PROJECTS COMPLETED / UNDER CONSTRUCTION

- ① SOUTH BASE PARKING IMPROVEMENTS & EV CHARGERS
- ② BUILDING 4 PARKING IMPROVEMENTS
- ③ NEW FUEL & WASH BUILDING
- ④ ELECTRIC BUS CHARGERS
- ⑤ BUILDING 6 IMPROVEMENTS

PROJECTS PROPOSED / PENDING FUNDING

- ⑥ REORIENTED BUS PARKING
- ⑥.1 BUILDING 2 & 3 DEMO, UTILITIES, RESTORATION
- ⑦ NEW BUILDING 1
- ⑧ EXISTING BUILDING 1 DEMOLITION & ADDITIONAL BUS PARKING



PIERCE TRANSIT MOBI PROJECT VICINITY MAP
LAKEWOOD, WASHINGTON

Project #1 - South Base Electric Vehicle Charging Stations and Facility Improvements



Project Status – Complete

Improvements:

- Installed 6 electric vehicle charge stations capable of charging 12 vehicles (2 vehicles per station).
- Constructed stormwater water quality improvements.
- Created 38 new parking spaces for Vanpool parking.
- Improved area lighting and pedestrian safety.
- Constructed public safety and maintenance equipment storage area.

Project cost - \$2,415,551



Project #2 - Building 4 Parking Facilities ADA and Capacity Improvements

Project Status – Complete

Project Results:

- Visitor parking expansion and increased pedestrian safety.
- Secure parking for staff meeting ADA requirements.
- Enhanced stormwater runoff treatment.
- Includes Fuel and Wash building civil improvements.

Project cost - \$6,224,982



Project #3 – New Fuel and Wash Facility and Parking



Project Status – 98% Complete – Completion June 2023

Project Results:

1. Increase the fueling capacity by 3 times.
2. Provides 2 new mechanical bus wash lanes.
3. Provides 2 new lanes for detail cleaning operations.
4. Installed above-grade fuel tanks for greater environmental safety.
5. Improved site lighting and pedestrian safety.
6. New parking areas for shuttles and support vehicles.

Project cost - \$33,835,137

Project #4 – New Electric Bus Charging Stations



Project Status – Complete

Project Results:

- 9 new bus charging stations.
- Related pedestrian safety improvements.

Project cost - \$984,132

Project #5 – Building 6 Improvements – New Facilities Maintenance Location



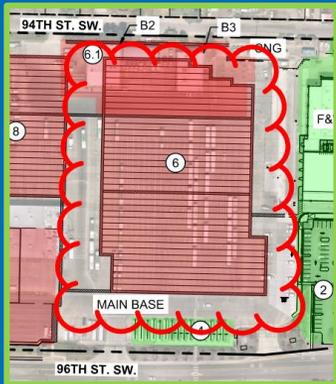
Project Status – Ongoing -
Approx. 20% Complete.

Project Purpose:
Upgrade existing building for
Maintenance and Operations.

Project cost - \$979,000



Project #6 – Expand and Reorient Bus Parking Lot and Demolish Bldgs 2 and 3.



Project Status – Anticipated start August 2023

Project Purpose:

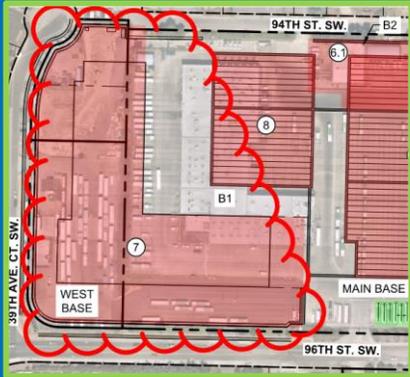
Safely abandon existing fuel tanks.

Reorient bus parking for fueling and operational efficiency.

Demolish Bldg. 2 and 3 and increase bus parking.

Estimated project cost - \$5,362,260

Project #7 – Construction of New Maintenance and Operations Building

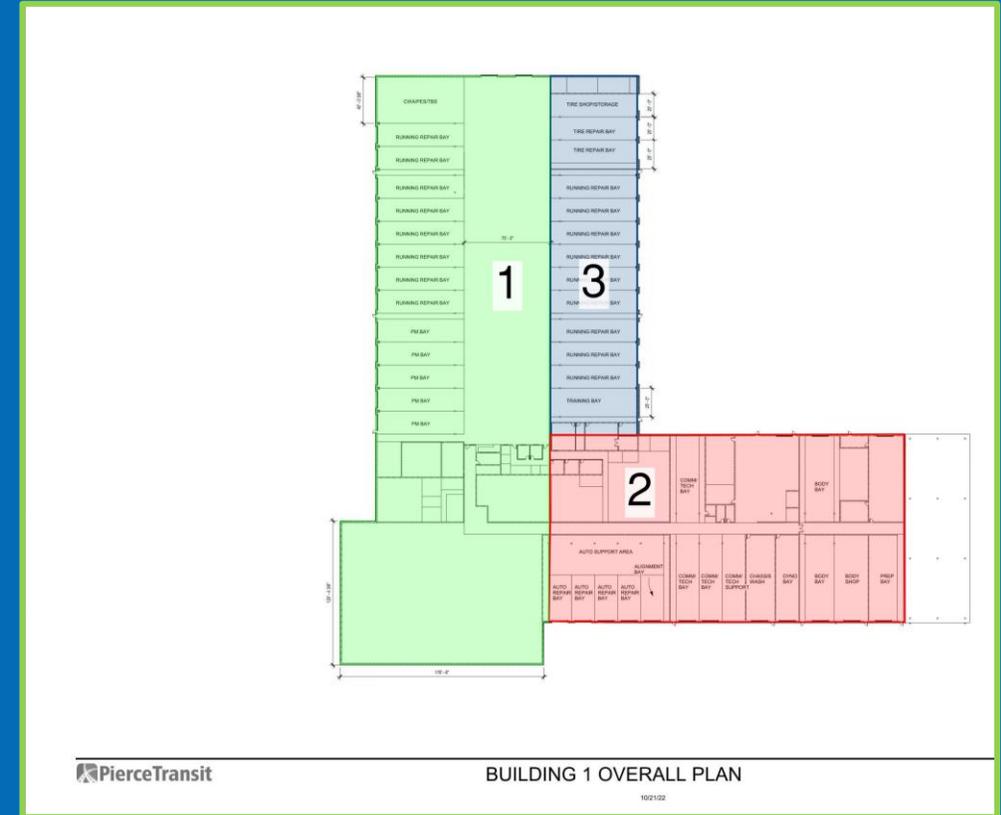


Project Status – Anticipated start September 2023

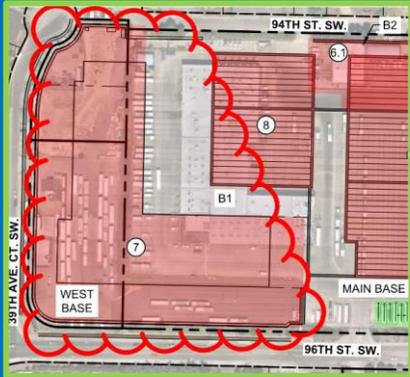
Project Purpose:

Replace existing Building 1 with a facility that can maintain a greater variety of fleet vehicles while improving efficiency and safety.

Project cost - \$261,000,000

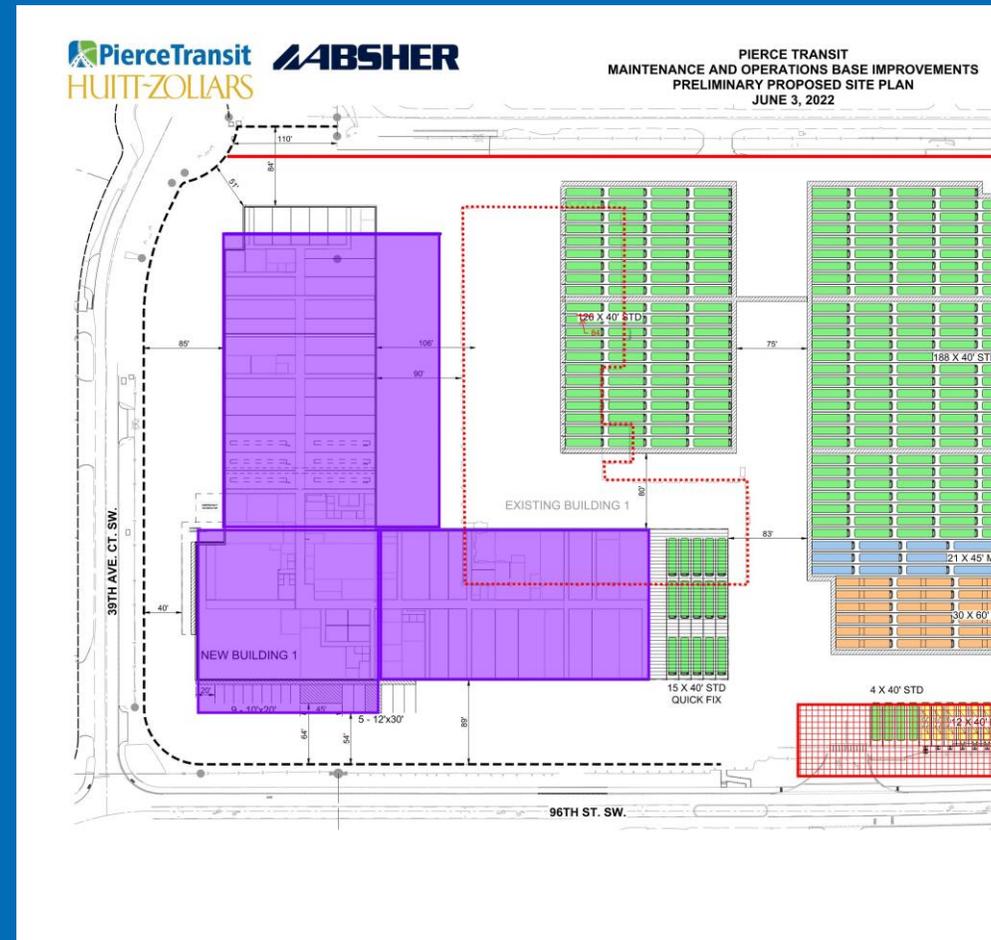


Project #7 – Construction of New Maintenance and Operations Building



Construction phasing is required to provide round-the-clock maintenance and operations.

Project requires 4 phases to complete.



Project #8 – Demolition of Old Maintenance and Operations Building



Project Status – Anticipated start 2028 (depending on funding)

Project purpose: Remove existing Building 1 and create additional bus parking.

Project Cost - \$10,000,000

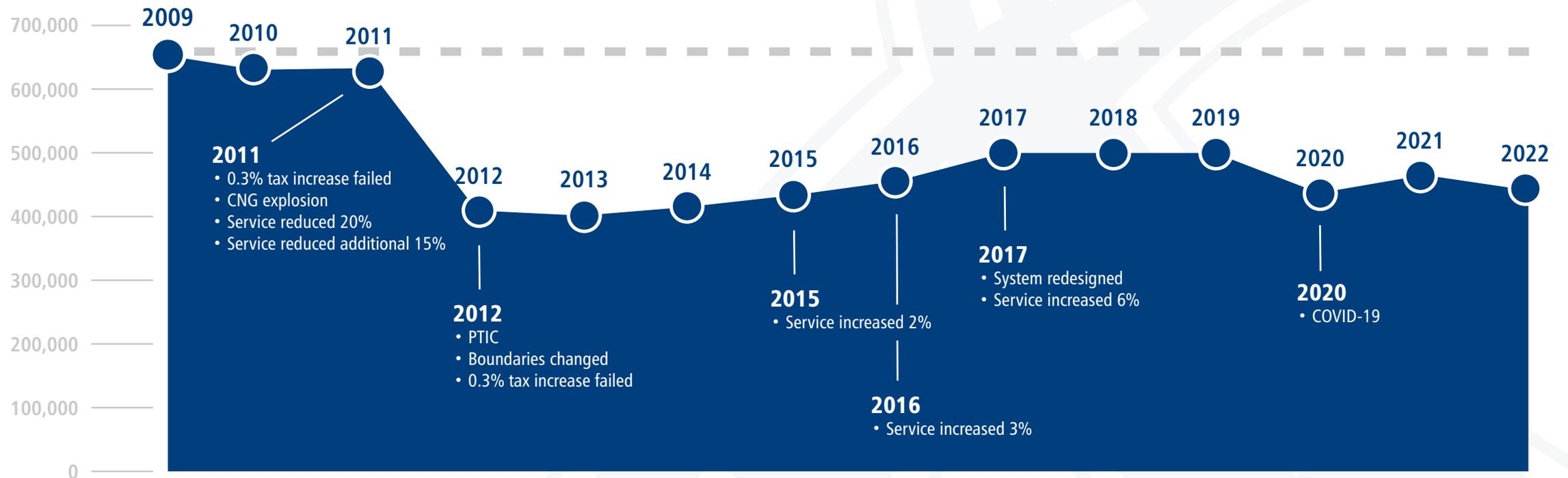
Questions?

Understanding a Ballot Measure

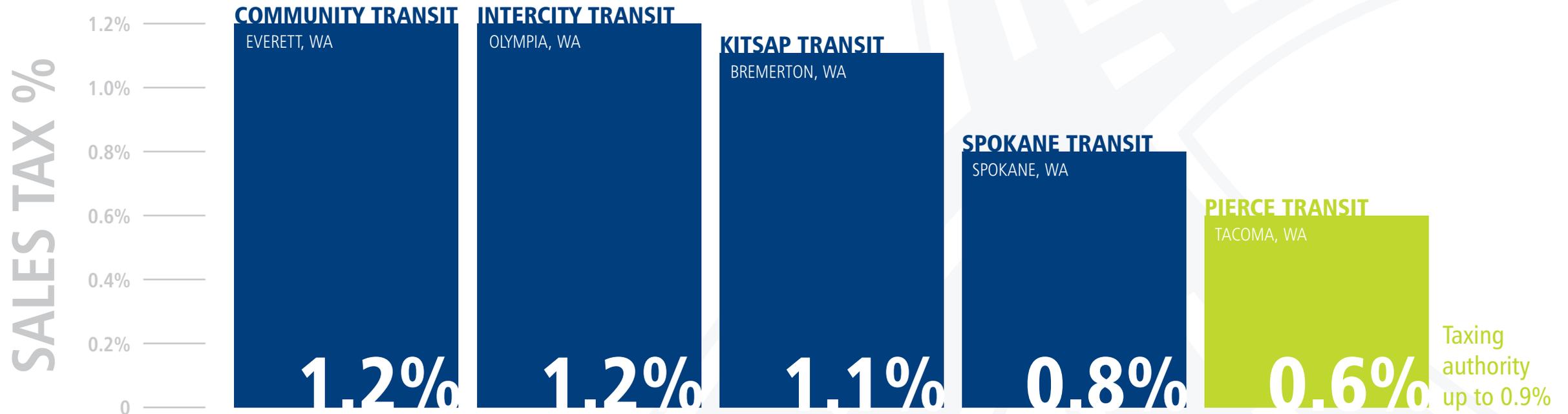


Operating **Below** Pre-Recession Levels

SERVICE HOURS



Careful Stewards of Taxpayer Dollars



Comparable Transit Agencies under PTBA* Authority

*Public Transportation Benefit Area

Current Sales Tax Rates

(AS OF MARCH 1, 2023)

10.3%

Tacoma

10.1%

Auburn, Pacific

10.0%

Edgewood, Fife, Fircrest, Lakewood, Milton, Puyallup, Ruston, Steilacoom, University Place, and Unincorporated Pierce County

8.8%

Gig Harbor

0.9% = **706,000**

SALES TAX

ANNUAL SERVICE HOURS

49%

SERVICE HOUR INCREASE

MORE FREQUENT TRIPS

- Mainline routes 15 minutes daytime/weekdays
- 6 most productive local routes 20 minutes daytime/weekday
- All routes increase frequency on weekends
- All routes have frequency of 30 minutes or less

INCREASE OPERATING HOURS

- Mainline routes run until midnight on Weekdays/Saturdays
- All other routes run until 10 pm on Weekdays/Saturdays
- All local routes run until 8 pm on Sundays

NEW ROUTES

- Route 2 Bus Rapid Transit (Downtown-TCC-Lakewood)
- Portland Ave. between Parkland and 72nd Street Transit Center
- N-S between Lakewood, University Place and Tacoma
- Ruston Way

MICROTRANSIT

- Two zones for four vehicles at 3,000 hours per vehicle per year

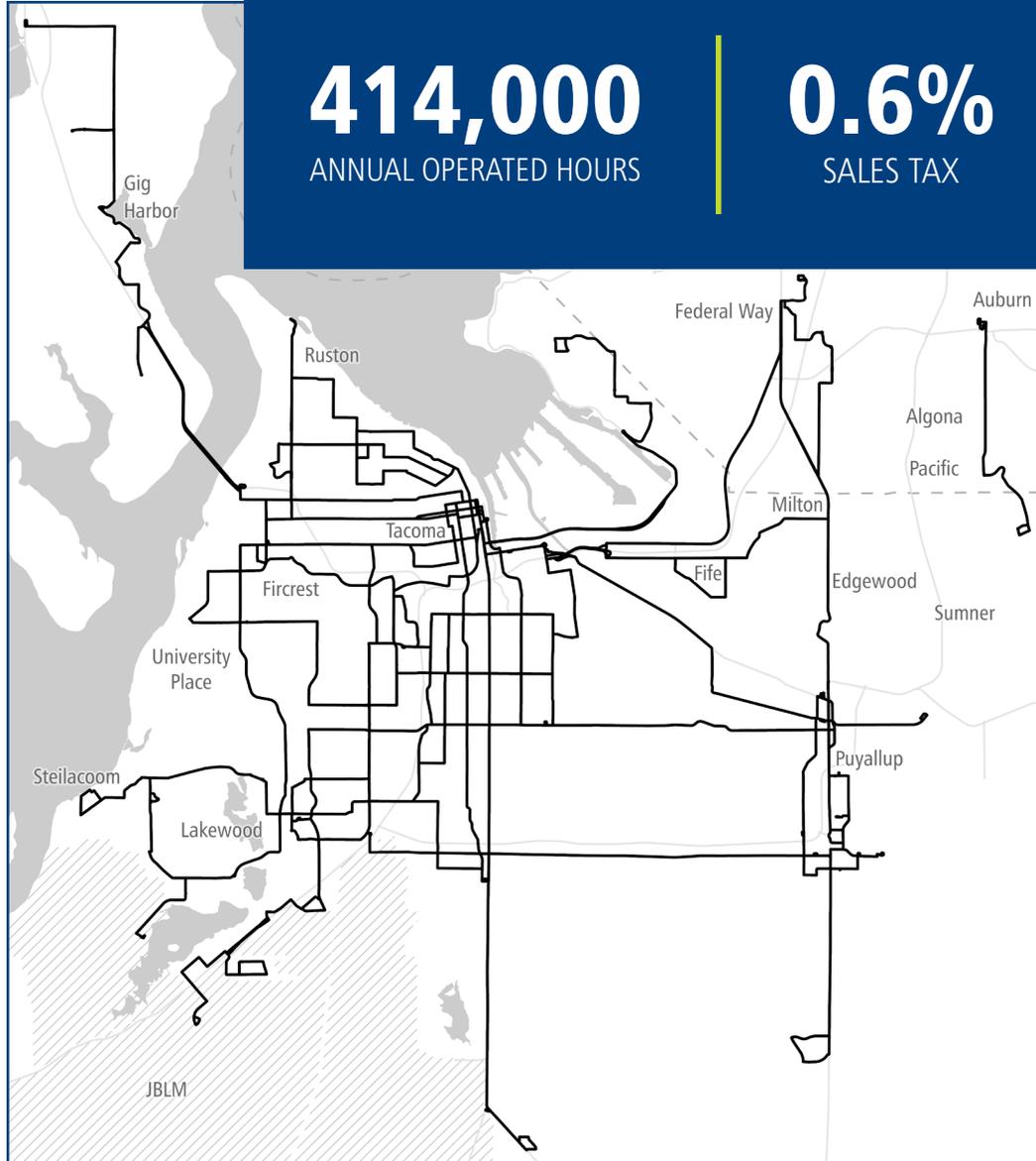
current **0.6%** sales tax = **414,000** annual operated hours

414,000

ANNUAL OPERATED HOURS

0.6%

SALES TAX

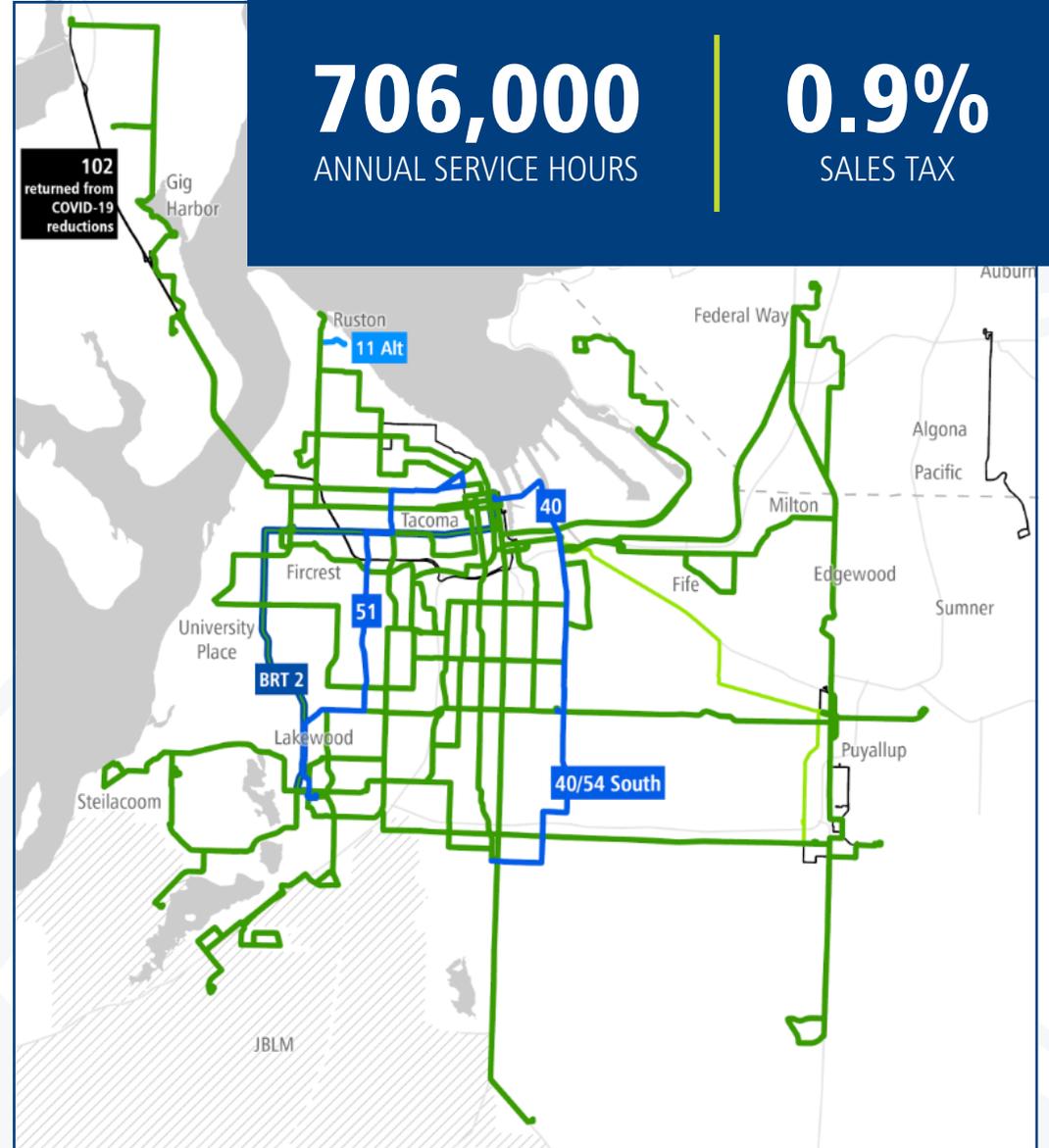


706,000

ANNUAL SERVICE HOURS

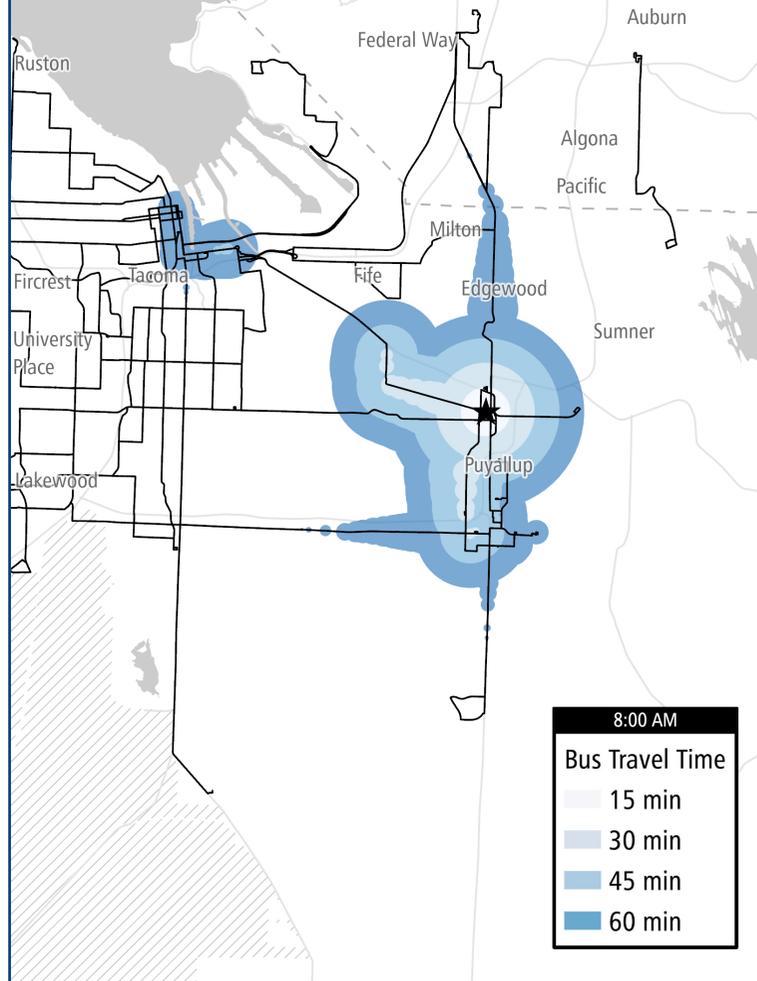
0.9%

SALES TAX



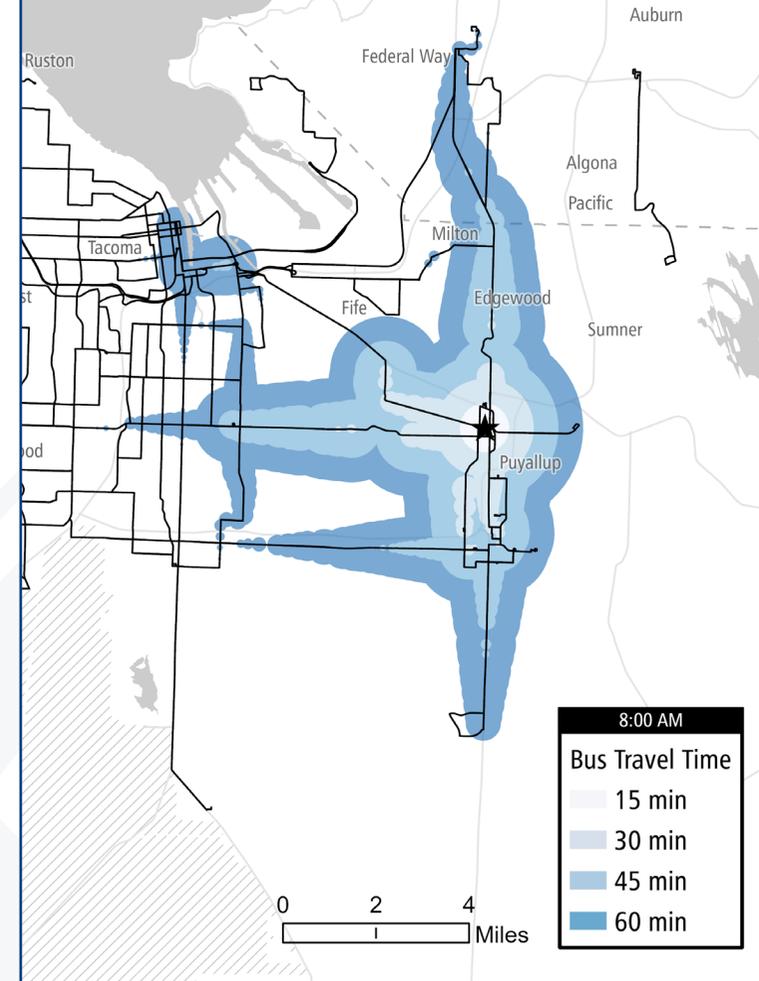
THE CITY OF
Puyallup

0.6%
SALES TAX



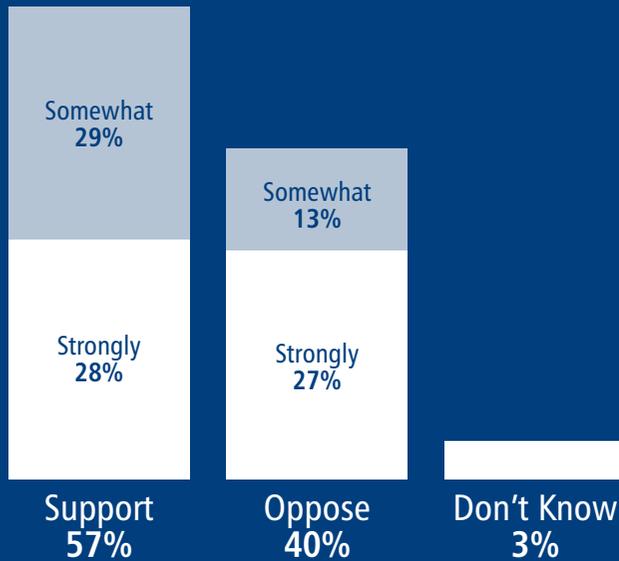
THE CITY OF
Puyallup

0.9%
SALES TAX

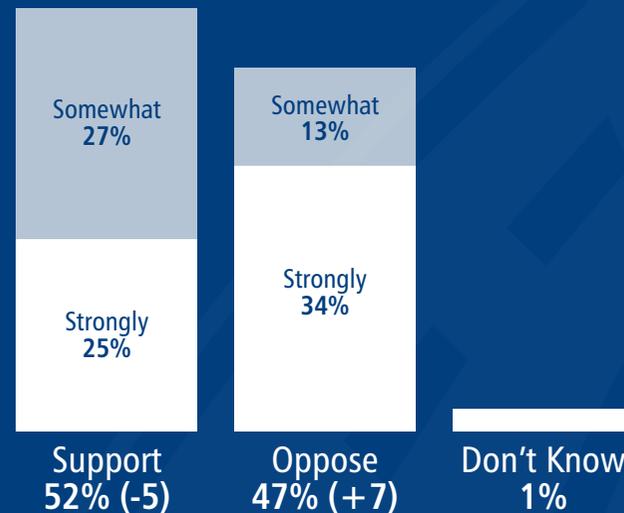


Community Support

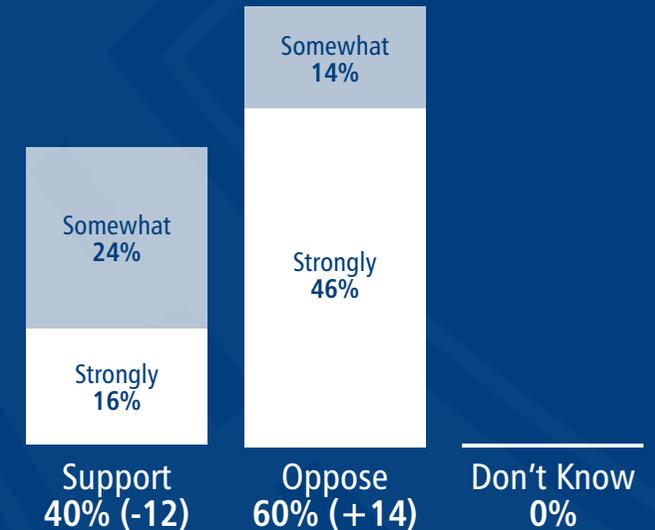
2019



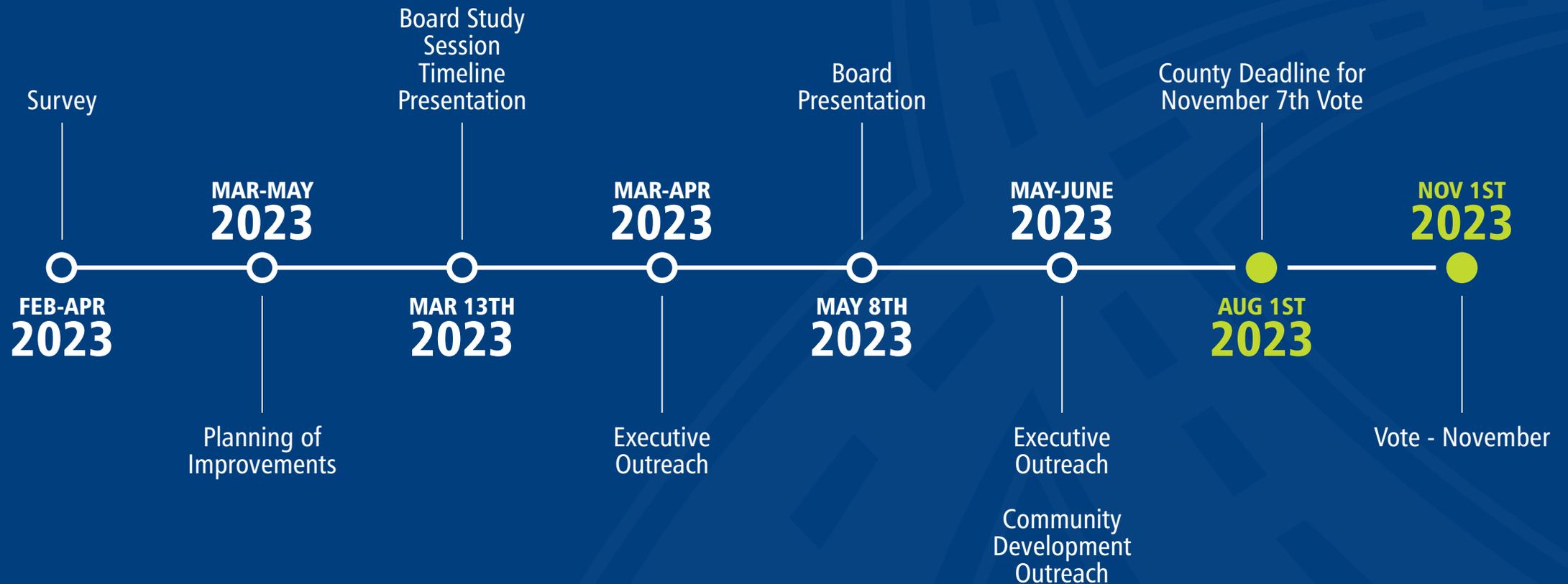
2021



2022



Transformation Timeline





Pierce Transit