A New Line of Business

- Opens in 2024
- Two Corridors (I-405 and SR 522/ NE 145th)

**BRT Systems Elements of Success**

- Transit speed, reliability and access improvements
- BRT stations (signage, shelter, amenities)
- Parking facilities
- New BRT bus fleet
- Bus operations and maintenance facility
- Branding
- Rider information system
Bus Rapid Transit – New Line of Service

Sound Transit welcomes STRIDE

Station Design Concept
Environmental Approach

- Environmental Review of BRT Program
  - SR 522/NE 145th BRT
  - I-405 BRT
  - Bus Base North (Operation and Maintenance Facility)

- Components with independent utility being advanced separately
  - NE 44th (I-405), NE 85th (I-405), and Bothell BAT Lanes (SR 522)
Project schedule

PLANNING 2018-2020
- Project refinement (2018)
  - Q1 2019 – Board advances refined project
- Conceptual Engineering & Environmental Review (2019)
- Preliminary engineering (2020)

PUBLIC INVOLVEMENT

DESIGN 2020-2023
- Final design of roadway improvements
- Final station designs and public art
- Obtain land use and construction permits

PUBLIC INVOLVEMENT

CONSTRUCTION Begins 2023
- Groundbreaking
- Construction updates and mitigation
- Construction of roadway improvements, parking and stations.

PUBLIC INVOLVEMENT

*Construction for most of the BRT projects are expected to begin by 2023 and be completed by 2024. Construction of some elements may begin before 2023 and others may occur after service starts in 2024.
522 BRT: Bothell BAT Lanes Construction Funding Agreement

System Expansion Committee

3/14/19
SR 522 / NE 145th BRT Project Overview

- 8,000-9,000 daily riders
- 8 miles, 6 cities
- Transit speed and reliability improvements:
  - Business Access and Transit lanes along SR 522
  - Intersection improvements/queue jumps
- 12 Stations:
  - 10 new station locations
  - Station at 145th LRT Station
  - Shared station at NE 195th with I-405 BRT
- 3 new parking facilities/access improvements
SR 522 / NE 145th BRT Project Components

- **Systemwide (shared with I-405 BRT)**
  - Bus Base North
  - Vehicle Procurement
  - Service Procurement

- **SR 522/NE 145th**
  - Transit Speed & Reliability Improvements
  - Stations – platforms and vertical const.
  - Parking & Access Improvements

- **Bothell BAT Lanes component**
  - Connects between existing BAT lanes
  - Sidewalks
  - Utilities
Bothell BAT Lanes

**Key features:**

- Funding construction of Business Access and Transit Lanes
- SR 522 / NE 145th BRT component funded in ST3
- Complete: Q4 2020
- Start of BRT service: 2024
Construction Funding Agreement

Sound Transit Responsibilities
- Review and concur with all change orders
- Reimburse the City for actual costs
- Attend construction meetings, with access to site

City of Bothell Responsibilities
- Serve as project administrator for construction and construction management
- Notify, consult, and gain approval from Sound Transit prior to the execution of all change orders
- Provide Sound Transit with monthly status reports, schedule updates, and invoices
SR522/NE 145th St BRT: Authorized Project Allocation to Date $52.56M

Allocation $ \quad Committee$ 

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<th>Year</th>
<th>Construction</th>
<th>Project Dev.</th>
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Uncommitted $48.13M

Preliminary Engineering $2.75M
Agency Administration, Right of Way, and Third Party $1.68M
SR522/NE 145th St BRT: Board Approves Contract $24.96M

**Allocation and Commitments**

- **Construction (F/D)**: $52.56M
- **Construction**: $24.96M
- **Preliminary Engineering**: $2.75M
- **Agency Administration, Right of Way, and Third Party**: $1.68M

**Uncommitted**: $23.17M

**Timeline**:
- 2017
- 2018
- 2019
- 2020
- 2021
- 2022
- 2023
- 2024
- 2025
- 2026
I-405 BRT Update & Consultant Contract Amendment

System Expansion Committee

3/14/19
I-405 BRT Project

37-mile corridor: Lynnwood to Burien

- **Proposed refined project:**
  - 11 BRT stations across 8 cities
  - 3 new/expanded parking facilities
  - 1 transit center
  - Connections to Link light rail in Lynnwood, Bellevue and Tukwila
  - Estimated 25,800 riders daily by 2040

- **Start of service in 2024**
External Engagement and Project Partnerships

- 4* Elected Leadership Group (ELG) Meetings
- 8 Interagency Group Meetings
- 4 Open Houses
- 13 Community Briefings

*1 Joint meeting with the SR 522/145th BRT ELG

Thank you project partners!
Project Refinements: North Line

- Shoulder improvements for transit to extend North of Canyon Park
- UW Bothell/Cascadia: On going discussions on the connection between SR 522/NE145th and I-405 BRT
- NE 85th: Reduced scope for bus-only lanes. Explore transit speed, reliability and access improvements

Workshop 03/29
**Project Refinements: South Line**

- **Tukwila International Boulevard BRT Station:**
  - Non-motorized access and improvements to Link Lightrail station
  - Reduced highway and arterial widening
  - Improved travel time and ridership
Refined Project Performance

**Increased ridership estimates by:**
- North corridor boardings: +12%
- South corridor boardings: +22%
- Total boardings: +17%

**Improved travel time estimates by:**
- North corridor: 5 minutes
- South corridor: 7-9 minutes
Bus Base North

- Critical Path – Complete by 2023 for vehicle fleet

- Screening Criteria (30+ sites):
  - 12+ acres
  - Compatible zoning
  - Proximity to I-405 and SR 522 on major arterials
  - Minimize sensitive area impacts (wetlands)
  - Vacant or minimal displacements
  - Flat

- Representative site: Canyon Park, Bothell
WSP USA, Inc. Scope of work:

- **Conceptual Design**
  - Fieldwork, data collection and technical studies
  - Stakeholder involvement
  - Advance design for stations and other work (survey, geotech, ROW)
  - Evaluate potential BRT vehicle Fleet

- **Environmental Review: Develop NEPA/SEPA documentation**
Illustrative - Not to Scale

**I-405 BUS RAPID TRANSIT:** Project Allocation to Date $243.44M

**ALLOCATION $**  **COMMITMENTS**

- **F/D**
  - Uncommitted $218.04M

- **Constr.**
  - Uncommitted $218.04M
  - Project Dev.
    - Agency Admin, Third Party and ROW $3.14M
    - Preliminary Engineering $22.26M

- **$243.44M**
  - Construction
  - Uncommitted $218.04M
I-405 BUS RAPID TRANSIT: Board Approves Contract Amendment $8.42M

ALLOCATION $ COMMITMENTS

$243.44M

Construction

Agency Admin, Third Party and ROW $3.14M

Preliminary Engineering $22.26M

Uncommitted $209.62M

Approved

Today’s Action

Future Action
Thank you.
I-405 BRT: NE 44th Park and Ride
Budget Amendment
System Expansion Committee
3/14/19
NE 44th Park and Ride

Today’s Action

- Amend the Adopted 2019 Annual I-405 BRT Project Budget by $7,300,000 for the NE 44th Street Park-and-Ride Real Property costs

Overview

- Approximately 200-stalls for commuters
- Serves the future NE 44th Street BRT station
I-405 BUS RAPID TRANSIT: Board Approves Budget Amendment $7.3M

ALLOCATION $COMMITMENTS

- Constr. F/D
- ROW $7.3M
- Project Dev.

Construction $250.74M

Agency Admin, Third Party and ROW $3.14M

Preliminary Engineering $30.68M

Uncommitted $216.92M


approved  today’s action  future action
Thank you.

soundtransit.org
I-405 BRT: NE 44th Park and Ride Property Acquisition

System Expansion Committee

3/14/19
Thank you.
Thank you.