

BRT Program

Stride BRT Program Update and Start-Up Activities

Rider Experience and Operations Committee

07/15/22

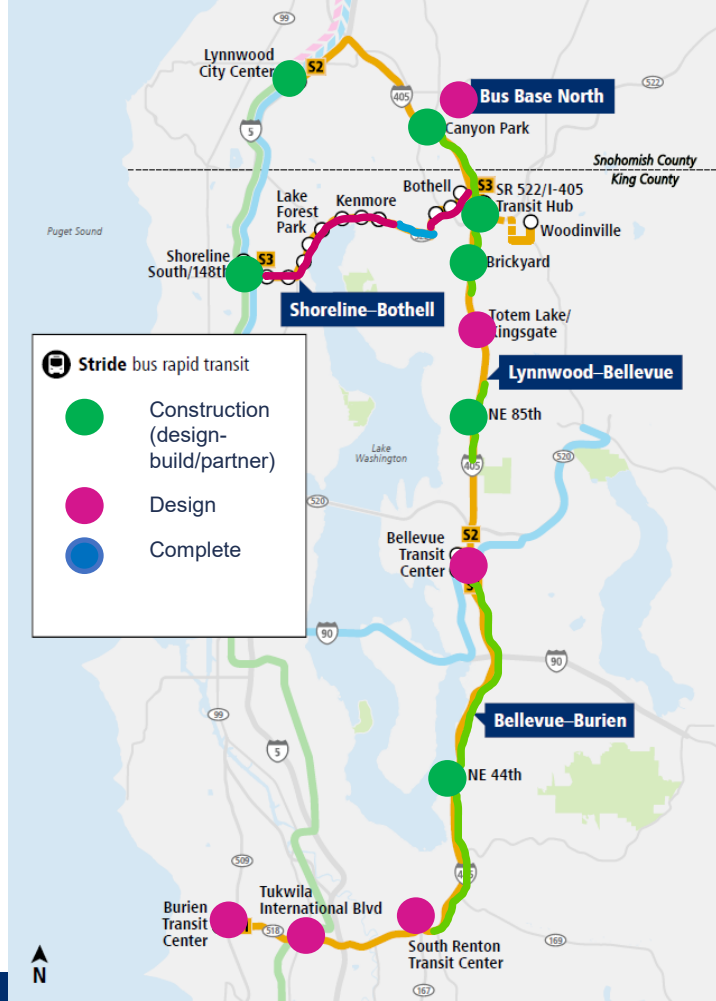
Why we are here

- Program progress and near-term look-ahead to planned Q1 2023 Board baseline action
- Cost estimate and schedule update
- Start-up activities and upcoming operations procurements

Program Update

Progress since Realignment

- Projects to be built: S1, S2, S3, BBN
- Executed ~\$500m third party delivery
- Final Design across Program
- ROW acquisition authorized
- Station design



Fleet and Stations

- State of the art passenger information
- Offboard fare payment, except for cash
- Bicycle accommodations: front racks on the bus & storage at select stations
- Currently evaluating double-decker propulsion options



S1 & S2 (I-405)



Double-deck buses for highway service

S3 (SR 522)



Articulated battery electric buses for shorter arterial route

Cost Estimates (in 2022\$)

	2019	2020	2021 Realignment	2022 (30% Design)
I-405 BRT (S1 & S2)	\$1,255	\$1,199	\$1,199	\$1,135
SR 522/NE 145th BRT (S3)	\$757	\$627	\$627	\$663
Bus Base North	\$242	\$278	\$337	\$353
Total Program with Parking	\$2,254	\$2,103	\$2,163	\$2,152
Deferred Parking Projects	N/A	N/A	(\$361)	(\$361)
Total without Parking	N/A	N/A	\$1,802	\$1,791

Stride Schedule – Update

	Realignment	January 2022	June 2022
Bus Base North	2025	2026	2026
S1 (I-405S)	2026	2027	2027
S2 (I-405N)	2027	2028	2027
S3 (SR-522)	2026	2027	2027

Aggressively pursuing schedule recovery

- Identifying strategies to accelerate schedule – informed by design
- Design and construction methods – ensure lasting quality
- Sound Transit policies and procedures – risk/speed
- Partners: review and permitting – regulatory flexibility

Update at Q1 2023 Board Baseline Action

Capital Program – 2022 look ahead

- Complete 60%+ design
- Secure remaining ROW authority from Board
- Continued "early work" (SRTC clean-up)
- Third party agreements: KCM, Bothell
- Value engineering and QRA
- Continue to identify acceleration strategies
- Baseline

Operations Goals & Framework

Stride: Regional System

- S1: I-405 South
 - King County: 17 miles, 5 stations
- S2: I-405 North
 - Snohomish County: 7 miles, 2 stations
 - King County: 13 miles, 5 stations
- S3: SR 522
 - King County: 8 miles, 14 stations
- Bus Base North
 - Snohomish County



Current ST Express Routes

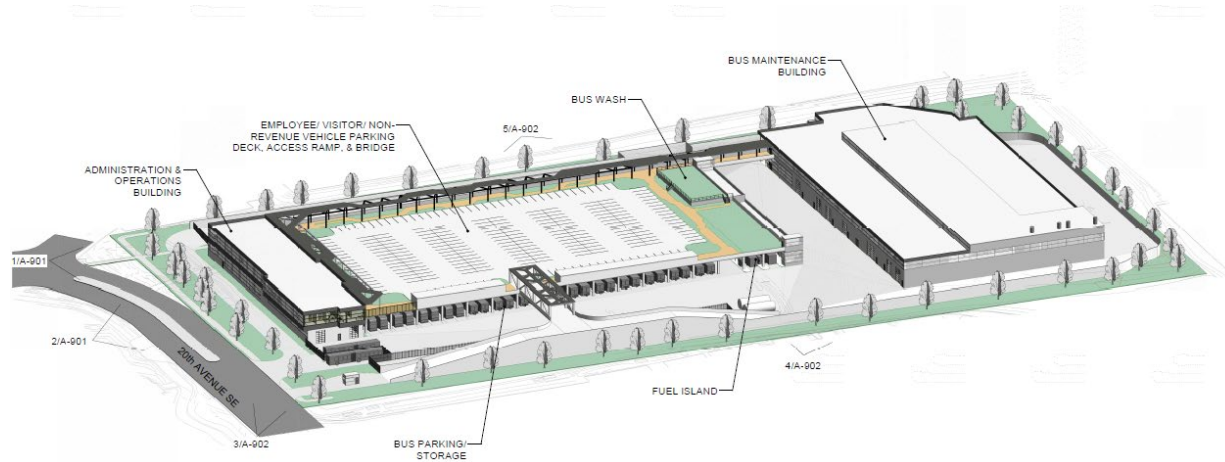
→ Stride Routes

- Stride routes will replace existing ST Express service
 - Route 560 (PT) → S1: I-405 South
 - Route 535 (CT) → S2: I-405 North
 - Route 522 (KCM) → S3: SR 522
- Bus Base North will have capacity for Stride & ST Express buses currently operated by CT

Bus Base North

Sized to support Stride plus some ST Express

- 120 coaches: mix of double-deck and 60' articulated
- BEB charging infrastructure for 522 deployment
- Incorporate plans for full ZEB conversion in the future



Outcomes: Stride Operating Goals

Active performance management

- Real-time control to ensure high quality service for our passengers

Resource management

- Cost responsible operations

Earliest reasonable opening of Stride service

- Trending towards 2027

Ensure optimal cost and performance

- Ability to periodically change operator or renegotiate contract terms, if needed

BBN / Stride Operations Structure

ST provide facilities, operating systems, and oversight

- Bus operating system procurement initiates in Q3/Q4 2022

Single contractor for bus operators & mechanics

- Competitive process to select the contractor
- Include interested partners in the process
- Process structured to support a commitment to workers including the right to bargain

Plan for Contract Operator

Competitive Process

- Structured to allow partners and private contractors to participate
- Evaluation criteria to support responsible contractor policy

RFI to get industry feedback

RFP: goal to have contractor in place two years before start of service

Operations Milestones / Board Actions

Stride Update focused on Operations Start-Up

- Board briefings / REO update – in advance of BOT procurement advertisement

Board Action: BOT Contract Award

- Mid-2023 Anticipate 6 months after advertise

Board Action: Vehicle Contract Award

- Mid-2023

Board Update on Operator RFI Findings prior to RFP advertisement

- End of 2023 / Early 2024

Thank you.



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