



Stride: Battery-electric buses

Sound Transit is designing the Stride S1, S2, and S3 lines along I-405 and SR 522, which will provide fast, frequent, and reliable service from Shoreline to Bothell on the S3 Line, service from Lynnwood to Bellevue on the S2 Line, and service from Bellevue to Burien on the S1 Line.

This line will include Sound Transit's first ever battery electric-bus (BEB) fleet. There will be a fleet of double-decker buses on S1 and S2 as well as 60-foot articulated buses on S3. Coaches can travel the entire route on one charge with a full passenger load. The new Bus Base North, a bus maintenance and operations building, will maintain and repair buses for Stride bus rapid transit (BRT). This bus base will also accommodate conversion of the entire BRT fleet and some ST Express routes to zero-emissions. This is a major step toward achieving carbon-free operations for facilities and fleets by 2050.

Why battery-electric buses?

A battery electric-bus will allow for quieter and cleaner operations along the entire corridor when compared to conventional diesel buses. These buses will reduce criteria air pollutants as well as greenhouse gas emissions. Additionally, because they have no exhaust and vibrate less, they even reduce noise pollution. Battery-electric buses are more sustainable than ever before.

Where are we now?

We're planning new ways to connect communities and expand access to new job opportunities while finding ways to use sustainable buses. We will have 14 battery-electric buses by the start of service in 2028 and more in the following months.

Where are we going?

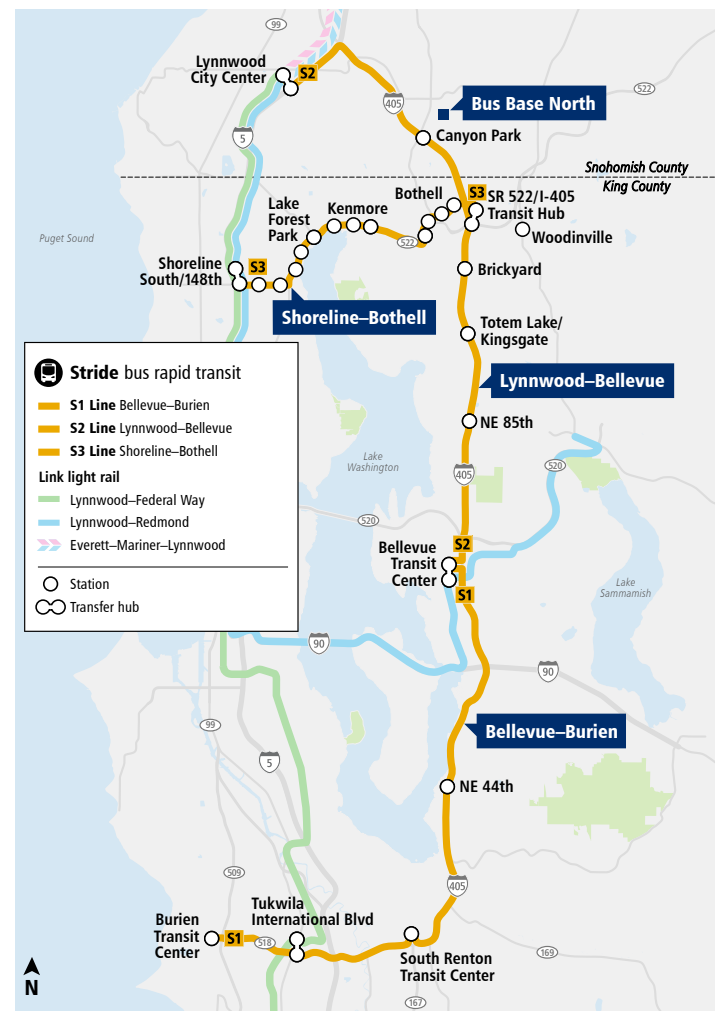
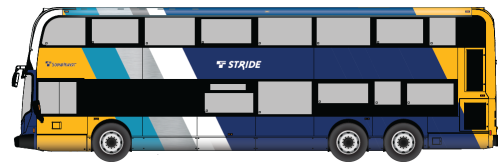
Sound Transit plans to operate a fully zero-emission fleet across all transit modes by 2050. This will create more green jobs in the region and support a cleaner environment for all.

Follow our progress

While we're working on the project, we will be communicating and informing the public about design changes as the project progresses. The project team will continue engaging with and providing feedback opportunities for the public, community groups, businesses, elected officials, and the wider community.

Learn about Stride BRT and subscribe to updates:

 soundtransit.org/stride



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