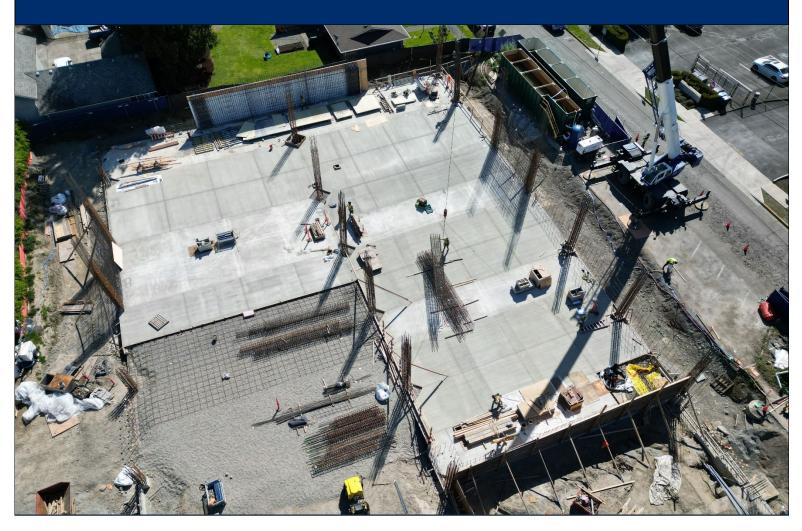


# System Expansion Monthly Status Report

Reporting Period: April 2025



Aerial photo of Sumner Station Parking and Access Improvement project – foundations completed and first floor slab at-grade, columns and walls being cast

# **Monthly Executive Summary**



# Notable updates since last month

### Schedule:

- DRLE: Opened for service on May 10.
- WSLE: NEPA Record of Decision (ROD) was issued on April 29.
- BLE: DEIS issuance delayed; targeting Q3 2025 publication.
- **TDLE:** Published Draft EIS Comment Summary report. The Board will confirm, modify, or identify the preferred alternative in June 2025.

**Safety:** One recordable injury incident in **Pinehurst Station**.

## **Active procurement:**

- OMF: Progressive Design-Build.
- MATOC: Environmental and Design.
- Union Station: Fire Detection & Alarm System Replacement.
- Kent Garage: Concrete Restoration construction project (State of Good Repair).
- Stride BRT: Construction for BT105 Renton TC, BT305 Seattle/Shoreline SR523 Stations & Roadwork, and BT307 Kenmore/Bothell SR 522 Roadwork & Stations.

# **Summary of board actions:**

- WSLE: Contract award for engineering design services.
- BLE/WSLE: Contract amendment for Program Management Support Services.
- **TDLE:** DEIS comments & project administration agreement with the City of Tacoma for the planning phase of the project.
- LLE/Pinehurst Station: Increased contingency funds for certain project agreements and contracts.
- Stride BRT: Modified contract for construction services for BRT station, shelters, furnishing, and systems and awarded the Bus Base North construction contract.

# **Sound Transit future service**



# **Project descriptions**

# Link light rail program

**Ballard Link Extension:** The project includes 7.7 miles of light rail from downtown Seattle to Ballard's Market Street area, adding nine light rail stations. The route will run through a new downtown Seattle rail-only tunnel, an elevated and tunnel guideway, and a new crossing across Salmon Bay.

**Boeing Access Road Infill Station:** The project will plan, design, and construct a new light rail infill station in Tukwila near South Boeing Access Road, I-5, and East Marginal Way.

**Downtown Redmond Link Extension:** The project builds a new light rail from the Redmond Technology Station to downtown Redmond. Light rail will travel along SR 520 with two new stations in southeast Redmond, at Marymoor Park, and downtown Redmond. May 10, 2025, is the established opening date.

**East Link Extension:** The project expands light rail to East King County via I-90 from downtown Seattle to the Overlake Transit Center area of Redmond, with stations serving Rainier Avenue/I-90, Mercer Island, South Bellevue, downtown Bellevue, Overlake Hospital, the Bel-Red corridor, Overlake Village, and the Redmond Technology Center. Revenue Service commenced on April 27, 2024, between Redmond Technology Center and South Bellevue Station. The final phase opening will link South Bellevue to downtown Seattle.

**Everett Link Extension:** The project adds six Snohomish County stations plus one provisional station (SR 99/Airport) to the growing light rail network. The 16-mile project extends Link service north from Lynnwood City Center to the SW Everett Industrial Center, SR 526/Evergreen Way, and downtown Everett.

**Federal Way Link Extension:** The design-build project extends approximately 7.8 miles of light rail from the Angle Lake Station in the City of SeaTac to the Federal Way City Center. The extension parallels SR 99 and I-5 freeway with stations at Kent Des Moines near Highline College, Star Lake, and Federal Way.

**Graham Street Infill Station:** The project will plan, design, and construct a new light rail infill station in the Rainier Valley at S Graham Street and Martin Luther King Jr. Way S.

**Pinehurst Station:** This project will construct foundation and substructure elements for an elevated, side-platform infill light rail station at NE 130th Street and 5th Ave in Seattle.

**Series 2 Light Rail Vehicle (LRV) Fleet Expansion:** The project includes the design, manufacturing, inspection, testing, delivery, and commissioning of 162 low-floor LRVs for service requirements of Northgate, East Link, Lynnwood Link, downtown Redmond, and Federal Way Link Extensions and improved operating capacities.

**Series 3 LRV Fleet Expansion:** The project includes the design, manufacturing, inspection, testing, and delivery of approximately one hundred LRVs with options for additional LRVs. Vehicles will support revenue service for future operations of the existing system, extensions under construction to Bellevue/Redmond and Federal Way, and extensions to Tacoma Dome, West Seattle, Ballard, Everett, and South Kirkland to Issaquah.

**Operations and Maintenance Facility South:** The project, located in the City of Federal Way, includes a 100,000-squavore-foot operations and maintenance facility that will maintain, store, and deploy an expanded light rail fleet of 144 vehicles. Additionally, the facility will receive, test, and commission new LRVs for the entire Link light rail system.

**Tacoma Dome Link Extension:** The project will extend light rail 8.5 miles from South Federal Way to the Tacoma Dome area in the City of Tacoma with four elevated stations at South Federal Way, Fife, Portland Ave, and the Tacoma Dome area.

**Tacoma Dome Station Parking and Access Improvement:** The project will plan, design, and construct up to 300 stalls of surface parking and/or bicycle, pedestrian (non-motorized), and transit improvement projects.

**West Seattle Link Extension:** The project includes 4.1 miles of light rail from SODO to West Seattle's Alaska Junction neighborhood. It includes four light rail stations. The route will run on elevated and tunnel guideway with a new rail-only bridge over the Duwamish River.

# Sounder commuter rail program

**DuPont Extension:** The project will plan, design, and construct a Sounder service extension from Lakewood to DuPont to include two new stations at Tillicum and DuPont, second mainline track & signal improvements, layover track improvements, and ancillary improvements.

**Lakewood Station Access Improvements:** The project is in the final design phase. This effort will improve access to the existing station for bicyclists, pedestrians, bus riders, and drivers. Improvements include investments in safer walking, rolling and bicycling connections with surrounding neighborhoods, better pick-up and drop-off areas, additional station lighting, weather shelters, and more.

**Sounder South Capacity Expansion:** The project will plan, design, and deliver capital elements to improve Sounder South's access, capacity, and services. Elements will include track and signal improvements, additional trips, platform extensions, and access improvements for pedestrians, bicyclists, and bus riders. Current components in active planning include the Sounder Rail Track and Signal Improvements project and the King Street Station Platform Area Improvements project, which are both advancing through environmental analysis.

**Sounder South Tacoma Station Access Improvements:** The project is in the final design phase. This effort will provide access improvements to the existing station for bicyclists, pedestrians, bus riders, and drivers. Improvements include investments in safer walking, rolling and bicycling connections between stations and surrounding neighborhoods, better pick-up and drop-off areas, additional station lighting, weather shelters, and more.

**Sounder South Sumner Kent Auburn Station Parking Access Improvements:** The Sumner, Kent, and Auburn Stations Parking and Access Improvements projects include bicycle, pedestrian, lighting, and parking access improvements at three Sounder South Stations. In January 2023, the Sound Transit Board authorized Resolution No. R2023-02, which combined the project budgets for the Sumner, Kent, and Auburn Stations Parking and Access Improvements projects into one project baseline budget with shared contingencies. The combined project budget provides agency administration, design, acquisition of right-of-way, construction, construction services, and third-party activities. This project includes an alternative concept allowance available to the three contracts to address procurement opportunities and innovation.

# Stride bus rapid transit program

**BRT Bus Operations & Maintenance Facility (Bus Base North):** The project establishes the operations and maintenance facility necessary to support Bus Rapid Transit (BRT) operations. The Bus Base will accommodate 120 buses, serving I-405 and SR 522/145th BRT ST Express routes.

I-405 Bus Rapid Transit: The project establishes BRT from the Lynnwood Transit Center to Bellevue Transit Center (S1 Line) and Burien Transit Center via I-405 and SR 518 (S2 Line). The project relies on the I-405 express toll lane system where available, Business Access Transit (BAT) lanes, and bus-only lanes. Project elements include parking, station access improvements, and 11 pairs of stations, including a new transit center in Renton. Stride is partnering with WSDOT to integrate BRT project elements with the I-405 Master Plan at several key locations: NE 44th Street in Renton, NE 85th Street with connections to downtown Kirkland, and the Brickyard-to-Canyon Park segment, including the new Bothell-Woodinville Transit Center. WSDOT is also delivering Stride's new Tukwila International Boulevard Station, which will directly connect to the Tukwila light rail station.

**SR 522 Bus Rapid Transit:** The project establishes BRT from the Link station at I-5 and Northeast 145th Street to UW Bothell. On Northeast 145th Street, this project includes transit priority spot treatments to facilitate BRT movement through corridor bottlenecks. On SR 522, most of the corridor through Lake Forest Park, Kenmore, and Bothell will feature BAT lanes, with transit-supportive enhancements on arterials from downtown Bothell to UW Bothell. This project includes nine pairs of stations, with additional parking at Lake Forest Park, Kenmore, and Bothell. Stride is partnering with the City of Bothell to construct a BAT lane within city limits and is contributing funding to the City of Shoreline for the roundabouts project at the NE 145th Street and I-5 Interchange.

# **Table of Contents**

Mor	nthly Executive Summary	2
Sys	stem expansion service map	3
Pro	ject descriptions	4
I.	Report purpose summary	8
II.	Program overview	8
A.	Accomplishments and innovations	8
B.	Program performance	11
C.	Community development	12
D.	Environmental affairs and sustainability	12
III.	Projects in planning and design	13
A.	Executive overview	13
B.	Risks, concerns, and opportunities	14
C.	Monthly Performance Tracker for projects in planning and design	15
C1.	Link extension project detail in planning and design	17
D.	Monthly Performance Tracker for Stride projects in planning and design	19
E.	Monthly Performance Tracker for Other Support projects in planning and design	20
F.	Projects in planning and design schedule	21
IV.	Projects in construction	22
A.	Executive overview	22
B.	Risks, concerns, and opportunities	22
C.	Monthly Performance Tracker for projects in construction	23
D.	Monthly Performance Tracker for Stride projects in construction	24
E.	Monthly Performance Tracker for Other Support projects in construction	24
F.	Projects in construction schedule	25
V.	TIFIA detailed project reports	26
A.	Downtown Redmond Link Extension	27
B.	East Link Extension / Series 2 LRV Fleet Expansion	39
C.	Federal Way Link Extension	60
D.	Pinehurst Station	75
E.	Sounder South Station Parking and Access Improvements	86
KPI	Legend	104
Acr	onyms	105

# I. Report purpose summary

This report provides an overview of progress and performance for Projects in Planning/Design and Projects in Construction and detailed reports for all TIFIA-funded projects. The report is published monthly, based on data from the previous month. This report is available at <a href="https://www.soundtransit.org/get-to-know-us/documents-reports/system-expansion-monthly-status-report">https://www.soundtransit.org/get-to-know-us/documents-reports/system-expansion-monthly-status-report</a>.

## II. Program overview

# A. Accomplishments and innovations

Sound Transit continued to push 2025 initiatives forward in the categories of People, Process, and Tools. Below is a partial list of program-level activities and accomplishments for April 2025.

 Cost Savings Workplan — Process and Tools: ST3 projects are assessing and applying opportunities to make projects more affordable as part of the Cost Savings Workplan initiative generated by Board Motion M2024-59 from October 2024.

The Cost Savings Workplan encompasses project-level opportunities and programmatic or portfolio-wide opportunities to determine savings across capital projects:

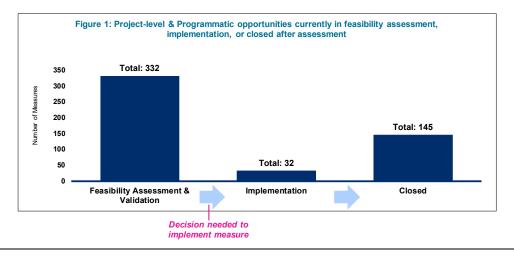
**Project-level opportunities** have been identified for all ST3 Link expansion projects and other capital projects. Opportunities are assessed, estimated, and applied to individual projects.

 Example: Applying station standards and other design optimizations to reduce bulk and scale of stations.

**Programmatic opportunities** are identified, assessed, estimated, and applied as a percentage reduction across ST3.

 Example: Refining Division 1 Specifications to remove redundant requirements and administrative tasks that do not benefit the project, thus reducing the amount contractors will charge.

For project-level and programmatic opportunities, savings are being identified at various decision-making levels, including project/department, agency, and third-party/Board. Overall, approximately 500 cost savings measures have been identified at the project and programmatic levels, with more than 330 currently in feasibility assessments, as shown in Figure 1.



- Project Management Information System (PMIS) Process and Tools: ST's core PMIS
  implementation team, our PMIS vendor, and implementation consultants are implementing PMIS
  and will complete the following deliverables over the next 90 days:
  - Portfolio Manager and Project Directory deployment.
  - Program Charter.
  - Implementation plan and schedule.
  - Process workflow mapping and re-engineering.
  - Communications Plan with Roles and Responsibilities Matrix.
  - System Expansion Committee update (targeted for Q3 and Q4 2025).
- Quarterly Procurement Forecast Process and Tools: The updated Quarterly Procurement,

as shown in Figure 2, was posted on April 14. The page can be found here: **Procurement**, **contracts**, **and agreements**.

- Doing Business with Us Webpage Update People: On April 30 Sound Transit created a new webpage that provides easy access to agency standards and design criteria. The page can be found here: <u>Doing business with</u> <u>us.</u>
- Construction Manual Update Process: A benchmarking review of Sound Transit's Construction Manual was completed this month against five peer agency manuals. The findings

Cupartierty Procurement Forecast

The sport of partners are only or internative approaches only in the secondary approaches only ino

Figure 2: Quarterly Procurement Look Ahead

from the peer review effort will help determine the required updates to the manual, slated to be completed by Q4 2025.

- Project Controls Policies & Procedures (PCPPs) Update Process: Capital Delivery is reviewing agency PCPPs to streamline processes. In support of the WSLE Expedited Project Delivery (EPD) application requirements, eight (8) PCPPs were identified to be fast-tracked, and the team continued those efforts during the month of April with an anticipated completion in Q3 2025. The remaining PCPPs will be re-engineered once the fast-track effort is complete.
- 102nd Quarterly FTA Meeting People: ST will be hosting the next FTA and PMOC Quarterly meeting in May 2025.
- Industry & Community Events People: As ST continues to build industry and community partnerships, CDD led, participated in, and/or attended the following:
  - On April 17, Terri Mestas, Deputy CEO, alongside Ernest Kandilige, Deputy General Manager of King County Metro, presented on the future of transit services in the region at the Washington State Transportation Commission (WSTC) meeting in Bellevue.
  - On April 18, CDD leadership presented at/participated in a panel at the Pacific Northwest Chapter of the Construction Management Association of America (PNW CMAA) Annual Construction Conference. ST representatives presented at the following panels:

- Upcoming PNW Agency Project Pipelines.
- Navigating MATOC.
- Three New Technologies Changing the Way We Manage Project Info.
- Retrospective of a MEGA Project Sound Transit's LLE.
- On April 24, CDD executives hosted leaders from the Transbay Joint Powers Authority (TJPA) for a roundtable discussion and a tour of the I-90 bridge and Northgate tunnels.
- On April 28, Sound Transit and the American Council of Engineering (ACEC) hosted the Architectural & Engineering (A&E) Summit, as shown in Figure 3.
- On April 30, Sound Transit conducted the ELE First Responder Training Workshop.

## Project awards:

- Conference of Minority Transportation Officials
   (COMTO) of Washington State recognized
   Sound Transit with two coveted industry awards,
   the Emerging Leader of the Year Award to ST's Sherise Williams and for Agency of the Year,
   at its annual scholarship gala on April 11.
- To date, LLE has received 15 awards, with two more pending. In April 2025 LLE received the 2025 National AGC Baldwin Group Build America Award for Highway and Transportation (L200), the Construction Management Civil (L300), and L300 was awarded the 2025 Build America Grand Award categories, as shown in Figure 4.



Figure 4: Skanska accepting the Grand Award for LLE at the AGC Conference on April 9

The tables below show the program overview for Payments on Systems Expansion Contracts and Construction Safety.

- Payment on System Expansion Contracts: This month CDD has made significant progress in the prompt payment process, successfully surpassing the 30-day target by averaging 25 days this month, as shown in the table. This reduced invoice processing times by six days compared to last month.
- Construction Safety: There was an OSHA recordable injury incident this
- Payments on System Expansion Contracts KPI associated with the Average Davs Paid \* Total Invoice Paid 1, 2 71 **Total Value Paid** \$47.5M Average days from invoice date to paid date 3 25 (100%) Number of invoices approved within 30 days 58 (82%) Number of invoices approved over 30 days 13 (18%) Total invoice value approved within 30 days \$39.0M (82%) Total invoice value approved over 30 days \$8.5M (18%)
- A/E/Construction contracts for System Expansion projects only; does not include Government agreements.
- 2. Payment based on Accounts Payable Management Guidelines.
- 3. Target is 100% payment within 30 days of invoice date.

month, causing the Recordable Injury Rate (RIR) to rise above the Program Goal, which maintains the KPI at yellow status. This month there was 7,258 more labor hours causing the Lost-Time Injury Rate (LTIR) to be below the Program Goal, which changes the KPI from red to green in April, respectively shown in the table.

The RIR incident occurred on the **Pinehurst Station** project, where a worker sustained a laceration to his left index finger while cutting an overhead all-thread rod with a portable band saw.

Sound Transit is actively mitigating to prevent such incidents from occurring in the future. It is important to note that, year-to-date (2025), Sound Transit has experienced three (3) OSHA recordable incidents over 579,928 labor hours – a relatively low incident rate that reflects ongoing safety efforts.

The figures below shows this month's Program Monthly RIR and LTIR rates compared to the Program Goal and the National Average, respectively:

- RIR (1.48) 28.6% above the Program Goal but 35.7% below the National Average, as shown in Figure 5.
- LTIR (0) 100% below the Program Goal and the National Average, as shown in Figure 6.

	Construction Safety													
Program Monthly KPI <sup>1</sup> *		Program Monthly <sup>1</sup>	Program Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average <sup>4</sup>									
	RIR	1.48	1.29 <sup>5</sup>	1.15	2.30									
1 LTIR		0.00	0.34 <sup>6</sup>	0.50	1.00									

- 1. Program Monthly rates based on monthly safety data.
- 2. Program Average rates based on 12-month rolling averages.
- 3. Program Goal <50% of the National average of RIR/LTIR.
- 4. National Average based on annual Bureau of Labor Statistics data for Construction.
- The Program Average Recordable Injury Rate (RIR 1.29) is 12.3% above the Program Goal but is 43.9% below the National Average, as shown in Figure 5.
- The Program Average Lost-time Injury Rate (LTIR 0.34) is 31.1% below the Program Goal and 65.6% below the National Average, as shown in Figure 6.

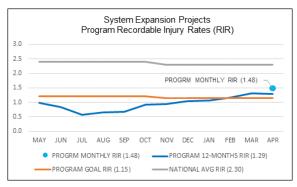


Figure 5: Recordable Injury Rate

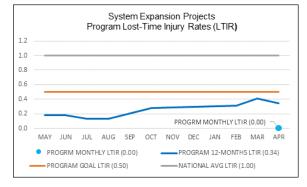


Figure 6: Lost-Time Injury Rate

# C. Community development

#### **Current conditions and opportunities:**

- Coordinating construction for OMF East TOD Phase I and Angle Lake TOD.
- Preparing Kent Des Moines North TOD and Overlake Village TOD for construction starts in the second half of 2025. This effort includes a design review by internal stakeholders.
- Engaging the City of Federal Way on their interest in potentially developing TOD Site 3 or 4 at Federal Way Downtown Station.
- Renegotiating terms of the remaining market-rate phase(s) at OMF East TOD.
- Preparing joint development concepts, relative cost information, and value potential for BLE and WSLE.
- Exploring with the City of Seattle potential zoning/regulatory needs to enable joint development above BLE and WSLE.
- Exploring potential anti-displacement strategies with partners and stakeholders near the Evergreen Station on EVLE.
- Developing a TOD/Community Development Strategic Plan to maximize public benefit, inclusion, and economic development in collaboration with local communities, jurisdictions, and stakeholders on affordable commercial space strategies, small business development, and workforce development.
- Supporting the City of Renton in an upcoming Request for Interest that the city would issue to gain insights into a potential expedited delivery of the park-and-ride stalls with a TOD at the Renton Transit Center (with potential city funding).

# **Dependencies and interrelationships:**

- Development of the TOD Strategy will guide future implementation.
- Transit project acquisitions and station site plans influence the viability of TOD and "exit strategies" for any excess/surplus property.

#### **Notable activities:**

- Executed contract amendment for PMSS contract for joint development support on BLE and WSLE.
- Hosted 5<sup>th</sup> Technical Assistance Panel for joint development on BLE/WSLE through the agency partnership with Urban Land Institute, focused on creative financing approaches.
- Provided an annual report to Executive Committee and a joint development on BLE/WSLE update to both Executive and System Expansion committees.
- Advanced contracting for consultant support of the TOD Strategy.

#### D. Environmental affairs and sustainability

#### **Current conditions and opportunities:**

 FTA staffing and capacity: Region 10 has successfully assigned multiple FTA environmental staff in HQ and other regions to assist with Sound Transit's substantial environmental review workload this year. However, we expect additional Reduction in Force (RIF) staff losses.

- BLE Draft EIS publication date of May 30 is at risk due to document revisions and additional reviews
  from the FTA and DOT Office of General Counsel for consistency with the Administration's Executive
  and Secretarial Orders. ST team is seeking confirmation or updated schedule from FTA. The Center of
  Excellence and Transformation staff continue to collaborate on environmental milestone tracking and
  integration with the master capital project schedule.
- Potential loss of contracted staff at NMFS/USFWS could extend Section 7 ESA consultations by an additional 1.5 years.

# **Dependencies and interrelationships:**

None.

#### Notable activities:

- ECD staff continue the ELE, FWLE, LLE, DRLE, and Sounder Stations(s) access improvement construction site inspections.
- Received an official opinion letter from the Washington State Department of Ecology confirming their
  agreement with our proposed contamination mitigation measures at the Y Pay Mor site in Federal Way.
  This approval clears the way for TOD to proceed on the property, supporting our redevelopment plans.
- Led meeting with Puyallup Tribe of Indians and Army Corps of Engineers to discuss OMF South off-site mitigation.
- FTA issued its NEPA ROD for the **WSLE** on April 29. This milestone enables the project to proceed with property acquisition and final design.
- FTA completed its review of the Stride BRT South Renton Transit Center Biological Assessment (BA) and a BA coordination meeting with the Services and FTA is being scheduled for May.

# III. Projects in planning and design

The following section provides details on all projects currently in the planning or design phases (pre-baselined).

Note: The Agency also continues to monitor the voter-approved projects in the pre-planning stage. Examples of these projects include South Kirkland–Issaquah Link Extension, Tacoma Community College Extension, Edmonds & Mukilteo SPAI, Sounder Maintenance Base, ST Express Reliability Investments (Bus on Shoulder, North Sammamish P&R, ST Express Bus Base), and System-Wide (HCT Environmental Studies, HCT Planning Studies, Investments SR 162). Once these projects advance to the planning phase, they will be documented in greater detail within the section.

#### A. Executive overview

- Most ST3 projects are in the planning phase, with many projects at approximately 10% of design development or concept drawings.
- Project teams are gathering cost data across their projects to include current and historical cost data, market conditions, and programmatic and project-level cost-saving opportunities.
- Initiated weekly priorities for FTA staff to manage project schedule considering FTA staff capacity constraints.
- BLE, EVLE, WSLE, OMF North, OMF South, TDLE, and Sounder project teams are utilizing the Cost Savings Workplan tool or Opportunity Register to capture cost-saving measures, perform feasibility studies on validated measures, and track benefits monitoring for those measures approved for implementation.

- On April 25 Seattle Mayor and Sound Transit Board Member Bruce Harrell announced a <u>new legislation</u> to support the expansion of light rail in Seattle, with a goal of cutting permit review times in half. Revising Seattle's land use code will lead to better neighborhood transit connections through faster permitting and strengthening the City of Seattle's (City) partnership with Sound Transit. The proposed changes would simplify and streamline station design along the entire **BLE** and **WSLE** projects by creating consistent standards.
- **WSLE** received the ROD from FTA on April 29, completing the planning phase that began in 2017 and allowing the project to advance into the next stage of development: design.
- The Board authorized a contract for Phase 1 Engineering Design Services for the WSLE and a contract for Phase 2 Program Management Support Services for BLE / WSLE projects in April.
- TDLE Draft EIS was published on Dec. 13, 2024, and Sound Transit held an official 60-day extended comment period that ended on February 10, 2025. The Comment Summary report was completed in April 2025 and the project team will brief the System Expansion Committee and Board in May on the DEIS comments. The Board will confirm, modify, and/or identify a Preferred Alterative in Q2 2025.
- **EVLE** continues to progress towards target Draft EIS publication in January 2026. Ongoing elected official briefings and third-party coordination meeting with AHJs, WSDOT, WDFW, Utilities, and FTA.
- OMF South released the Request for Qualification (RFQ) and Request for Proposal (RFP) in April. CDD is treating the group of maintenance facilities as a portfolio to leverage efficiencies and optimize performance across the system.
- The BRT Bus Operations & Maintenance Facility (Bus Base North) construction contract bids were submitted April 4, 2025. Three bids were received and all were under the engineer's estimate. PCL Construction Services, Inc. was determined to be the lowest responsive and responsible bidder. CDD will request Board authorization to execute the construction contract in May.
- Stride BRT has an active procurement process for the Contracted Service Provider (CSP) and
  has negotiated with Hoffman Construction for the Maximum Allowable Construction Cost (MACC)
  negotiation of the Stations, Furnishings, and Systems General Contractor/Construction
  Management (GC/CM) contract. The Board authorized a contract modification to the construction
  contract in April.
- Sounder South Capacity Expansion Project (SSCE). The King Street Station Platform Area Improvement project's conceptual engineering (10% design) qualitative risk assessment workshop occurred in February 2025. Draft results were shared with senior management in April 2025. A final report will be prepared in May 2025. Phase 3 Preliminary Engineering is planned to commence in the summer of 2025.
- SSCE and Sounder DuPont Extension. The SRTSI project completed conceptual engineering
  designs and submitted to external stakeholders for review and comment. The project team
  continues to coordinate with the Federal Railroad Administration on next steps for environmental
  review, including the approach for completing Section 106.

#### B. Risks, concerns, and opportunities

- The ST project workload going to the FTA over the next 6 months may exceed the current FTA capacity. It may affect project schedules and limit early acquisitions.
- Identifying ecosystem mitigation sites for OMF South continues to be challenging. ST is
  developing a mitigation package to satisfy all parties, including the City of Federal Way, US Army
  Corps of Engineers, and Puyallup Tribe, and has been actively coordinating with each entity.

# C. Monthly Performance Tracker for projects in planning and design

Projects	% Complete <sup>1</sup>	Development Phase	Cost KPI	Schedule KPI	Comments
Ballard Link	10%	DEIS / PE	<b>\_</b>		Project Cost: The Draft EIS is expected to be published in late Q2/early Q3. Based on cost trends, future cost estimates may exceed financial plan. The project team is applying the Cost Opportunity Workplan actions to this project and has begun to identify efficiencies and cost savings.  Environmental Phase Schedule: Project is advancing preliminary engineering and preparing the Draft EIS. Board action to confirm/modify Preferred Alternative would follow in late 2025.
Boeing Access Road Infill Station	<2%	Env Review / CE			Project Cost: Based on cost trends, future cost estimates may exceed financial plan.  Environmental Phase Schedule: Delay associated with design option refinement and additional analysis.
Everett Link	10%	DEIS / CE			Project Cost: The Draft EIS to be published in Q1 of 2026 will have the latest comparative cost information to support analysis of the alternatives; based on cost trends, the comparative cost information is expected to exceed the Financial Plan Value. The project team is applying the Cost Opportunity Workplan actions to this project and has begun to identify efficiencies and cost savings.  Environmental Phase Schedule: Project is advancing the preliminary design and preparing the Draft EIS. Board action to confirm/modify Preferred Alternative would follow in Q3 2026.  Note: OMF North is part of this project for environmental clearance purposes and will be carved out as a stand-alone project when appropriate.
Graham Street Infill Station	<2%	Env Review / CE	A	A	Project Cost: Based on cost trends, future cost estimates may exceed financial plan.  Environmental Phase Schedule: Delay associated with design option refinement and additional analysis. Project is advancing environmental review and conceptual engineering.
O&M Facility South	30%	Design and Construction Procurement			Project Cost: Project team realized the first round of cost-saving opportunities to bring the project close to the financial plan. The second round of opportunities are being evaluated now. The project is trending to be within the financial plan budget. The project is in the early stages of design.  Design Schedule: Procurement for progressive design-build services was released in April 2025.

\* Link to KPI Legend

<sup>&</sup>lt;sup>1</sup> "% Complete" based on full project to revenue service date, not based on development phase.

Projects	% Complete <sup>1</sup>	Development Phase	Cost KPI	Schedule KPI	Comments
Sounder Lakewood Station Access Improvements <sup>2</sup>	10%	Design	<b>(</b>		Project Cost: Baseline budget for the project is \$68M.  Design Schedule: Baseline schedule completion date is Q4 2030. Sound Transit station components of this project are beginning final design.
Sounder DuPont Extension	1%	CE / NEPA DCE			Sounder Rail Track & Signal Project is also funded by this project budget.
Sounder South Capacity Expansion Program	1%	CE / NEPA DCE	<b>(</b>		King Street Station Platform Area Improvement Project and Sounder Rail Track & Signal Project are funded by this program.
Sounder South Tacoma Station Access Improvements <sup>2</sup>	10%	Design			Project Cost: Baseline budget for the project is \$70M.  Design Schedule: Baseline schedule completion date is Q4 2030. Sound Transit station components of this project are beginning final design.
Tacoma Dome Link Extension	10%	DEIS/CE	<b>\$</b>		Project Cost: Based on cost trends, future cost estimates may exceed the Financial Plan Value. Project team is applying the Cost Opportunity Workplan actions and has begun to identify efficiencies and cost savings.  Environmental Phase Schedule: The Draft EIS was published Dec 2024. The Board will confirm, modify, and/or identify the Preferred Alternative in Q2 2025. Following the Board action, project will advance design and begin preparing the Final EIS. The project team continues examining potential schedule efficiencies.
Tacoma Dome Access Improvement	<2%	Alternatives Analysis			Coordinating development with TDLE.
West Seattle Link	30%	FEIS / PE	<b>\_</b>	<b>\$</b>	Project Cost: Latest cost data exceeds the Finance Plan budget for this project. Evaluation of potential cost reduction and financing opportunities through Cost Opportunity Workplan/Register is underway; reporting back to the Board quarterly. The next update is anticipated in Q2 2025.  Environmental Phase Schedule: ROD received April 29.

\* Link to KPI Legend

 $<sup>^{\</sup>rm 1}$  "% Complete" based on full project to revenue service date, not based on development phase.  $^{\rm 2}$  Project Baselined.

# C1. Link extension project detail in planning and design

This section provides details surrounding the BLE, EVLE, TDLE, and WSLE projects.

#### **Ballard Link Extension**

- Project development
  - Draft EIS in review with FTA; publication date to be confirmed.
  - Final EIS and ROD anticipated in 2027.
  - Planning to submit for Entry into Engineering after completion of ROD.
- Advanced engineering
  - Preparing bottom-up cost estimates.
  - Evaluating cost savings opportunities.
  - Continuing design coordination with third parties, including City of Seattle, King County, WSDOT, and Port of Seattle.
- Site investigation
  - Conducting geotechnical investigation along project corridor.
- Contracting
  - Board authorized contract amendment for Program Management Support Services in April.



Figure 7: Map of BLE Project Alignment

#### **Everett Link Extension**

- Project development
  - Draft EIS to be published Q1 2026.
  - Final EIS and ROD anticipated Q3 2027.
- Advanced engineering
  - o Preparing Advanced Conceptual Engineering.
  - Evaluating cost savings opportunities.
  - Continuing design coordination with third parties, including Cities of Everett, Lynnwood, Snohomish County, and WSDOT.
- Site investigation
  - Conducting geotechnical investigations along project corridor.
- Contracting
  - No current procurements, Phase 3 budget amendment Q2 2026.

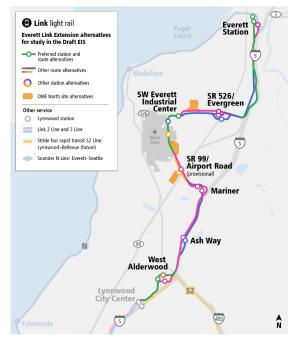


Figure 8: Map of EVLE Project Alignment

#### **Tacoma Dome Link Extension**

- Project development
  - Draft EIS published Dec. 2024.
  - Final EIS and ROD anticipated in 2027.
  - Planning to submit for Entry into Engineering after completion of ROD.
- Advanced engineering
  - Evaluating cost-savings opportunities.
  - Advancing design to up to 30% after Board action on the Preferred Alternative (Q2 2025).
  - Continuing design coordination with third parties, including Cities of Federal Way, Milton, Fife, Tacoma, and WSDOT.

## Site investigation

 Preparing for geotechnical and archaeological site investigations.

## Contracting

- Board authorized a Project Administration agreement with the City of Tacoma in April to provide reimbursement to the City for the costs of certain services and related products during the planning phase of the project.
- Budget amendment for Phase 3: Prepare Final EIS & PE expected in June 2025.

#### **West Seattle Link Extension**

- Project development
  - Final EIS Published September 2024.
  - o ROD received April 29.
  - Planning Expedited Project Delivery (EPD) Grant submittal Q1 2026.

#### Advanced engineering

- Phase 1 Engineering Design Services contract approved by Board in April; NTP May 2025.
- Continuing design coordination with key external stakeholders.
- Evaluating cost-savings opportunities.

# Site investigation

- Continuing geotechnical and archaeological investigation.
- Preparing for bi-directional load tests for Duwamish bridge.

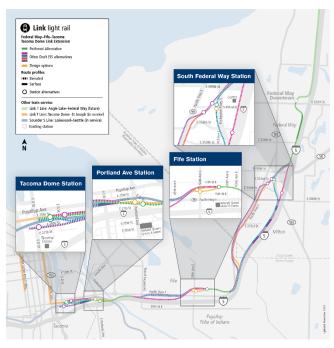


Figure 9: Map of TDLE Project Alignment



Figure 10: Map of WSLE Project Alignment

#### Contracting

- Board authorized contract amendment for Program Management Support Services in April.
- W205 Bi-Directional Load test Q4 2025.
- W200 Pre-Construction Services Q4 2025/Q1 2026.

# D. Monthly Performance Tracker for Stride projects in planning and design

Table below shows portion of the **Stride** projects that *Sound Transit manages*.

Projects	% Complete <sup>1</sup>	Development Phase	Cost KPI	Schedule KPI		
Stride Bus Base North ST-managed project <sup>2</sup>	100%	Design			Design Schedule: Bid opening took place on April 4. Construction contract award is planned for June 2025. Yellow Triangle KPI reflects the loss of float during design and procurement. Revenue Service Date (RSD) is still within the baselined milestone.	
Stride I-405 ST-managed projects (S1 and S2 Lines) <sup>2</sup>	86.0%	Design		S1 Line: BT102 Burien Transit Center progressing toward IFB.  S1 Line: BT105 Renton Transit Center de complete and construction contract being p for procurement. Yellow Triangle KPI reflect loss of float during design and start of proculate design changes may erode float further is still within the baselined milestone.		
	22.0%	Design			S2 Line: Final Design for <b>BT212 Lynnwood 196th/Poplar Way</b> is in progress.	
Stride SR 522, NE 145 <sup>th</sup> ST-managed project (S3 Line) <sup>2</sup>	96.0%	Design			Project Cost: Cost pressure due to inflation, market conditions (labor & materials), and permitting delays.  Design Schedule: Challenges with real estate acquisitions and permitting are causing delays.  Designs are complete for BT305 NE 145th and BT307 Bothell/Kenmore segments. Construction contract being prepared for procurement.  Preparing for procurement. BT306 Lake Forest Park design is heading toward completion.	

Table below shows portion of the **Stride** projects that *WSDOT manages*.

Projects	% Complete <sup>1</sup>	Development Phase	Cost KPI	Schedule KPI	Comments
Stride I-405 WSDOT- managed projects (S1 Line) <sup>2</sup>	80.0%	Design			S1 Line: The Inline <b>Tukwila International Boulevard Station (TIBS)</b> design is nearing completion for Design-Build contract procurement. TIBS cost estimate is trending higher, but ST expects it to be within the finance plan. Awaiting updated cost estimate information from WSDOT for the Inline TIBS.  In 2024, Inline TIBS was put on hold due to WSDOT culvert/fish-passage issues. ST mitigated the schedule delays by planning to open S1 with Interim Stride platform at the Light Rail TIBS.

\* Link to KPI Legend

<sup>&</sup>lt;sup>1</sup> "% Complete" based on full project to revenue service date, not based on development phase.

<sup>&</sup>lt;sup>2</sup> Project Baselined.

# E. Monthly Performance Tracker for Other Support projects in planning and design

The Operations Department is managing the Series 3 LRV Fleet Expansion project with support from the Capital Delivery department staff.

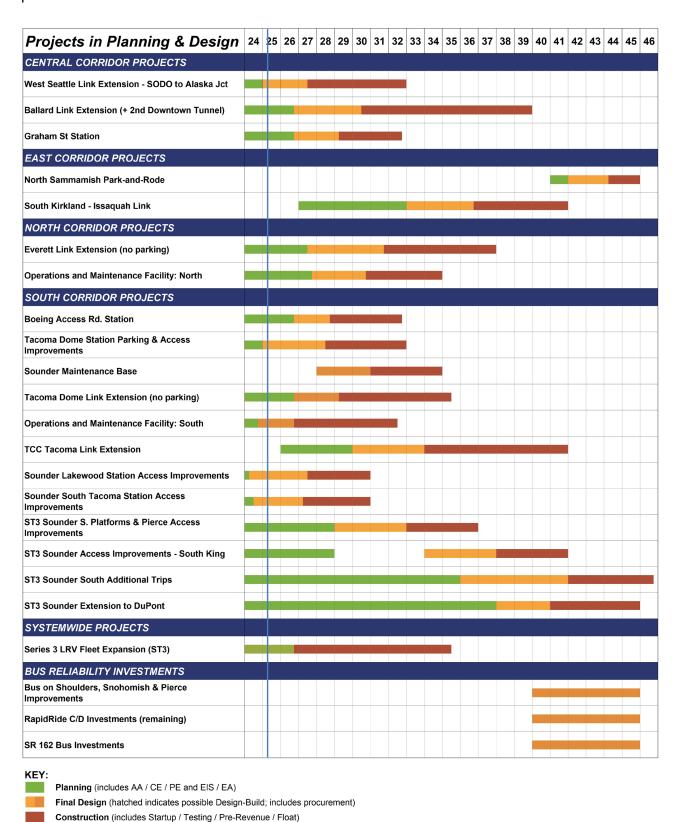
Projects	% Complete <sup>1</sup>	Development Phase	Cost KPI	Schedule KPI	Comments	
Series 3 LRV Fleet Expansion	<5.0%	Planning		<b>\$</b>	Project Cost: Based on cost estimates from 2024, vehicle cost expected to exceed financial plan. Also, more vehicles (compared to what is in the financial plan) are anticipated to meet ST3 service needs.  Procurement Schedule: Industry review on draft RFP received by ST. Delays to RFP publication due to additional analysis on ST3 project needs anticipated. Q3 2025 targeted for RFP publication and Board presentation.	

\* Link to KPI Legend

<sup>&</sup>lt;sup>1</sup> "% Complete" based on full project to revenue service date, not based on development phase.

# F. Projects in planning and design schedule

The graphic below shows the anticipated overall schedule for projects in the planning and design phases.



# IV. Projects in construction

#### A. Executive overview

 Advanced construction, early testing, and commissioning are underway across Link projects, including ELE, FWLE, and Pinehurst Station. All projects are undertaking final construction concurrently with preliminary integration testing underway for the ELE and FWLE as shown in photos below.



Figure 11: Unpowered LRV Clearance Tow Test across the East Channel Bridge in April



Figure 12: LRV System Integration Testing at FWLE Star Lake Station in April

- Systems Integrated Testing (SIT) on the north segment of FWLE is nearing completion and SIT on the south segment has begun. A series of early closures at Angle Lake Station are being planned to enable the tie-in of signals between the 1 Line and the new extension.
- The final review and assessment of readiness for revenue service was completed for DRLE, with the opening date set for May 10, 2025. Figure 13 shows photo of DRLE pre-revenue simulated testing.
- LLE opened for service on Aug. 30, 2024. The
  project team continues the close-out efforts with
  the AHJs and WSDOT. The Board authorized to
  increase the cumulative contingency to increase
  certain contract and/or agreement amounts as
  necessary to successfully complete and closeout
  the LLE.



Figure 13: Testing at DRLE Marymoor Village Station during pre-revenue simulated service in April

Sounder South Sumner, Kent, and Auburn Stations Parking and Access Improvements
 Project continue construction at all three locations. Sumner has started placing first level
 columns and shear walls. Kent and Auburn started at-grade foundation work and stormwater
 detention vault construction while awaiting full building permit approvals.

### B. Risks, concerns, and opportunities

- Hilltop Link Extension: Work is underway to address remaining open items within the existing
  project budget. Additional funds are required to address the balance of open items, including
  those with the City of Tacoma.
- Sounder South Sumner, Kent, Auburn Station Parking and Access Improvements: Permitting delays have affected the Sumner project schedule. Auburn and Kent continue to pursue their final permits. The team is working with the design-builders and the cities to finalize the remaining permits and mitigate this risk for Auburn and Kent.

# C. Monthly Performance Tracker for projects in construction

Projects	% Complete <sup>1</sup>	Cost KPI	Schedule KPI	Safety KPI	Comments
Downtown Redmond Link Extension <sup>2, 3</sup>	98.0%		•	•	Opening date of project established for May 10, 2025.  Safety (RIR): no recordable incident in April, but the project's 12-month average rate is currently still above the Program Goal and the National Average. See project TIFIA report for more details.
East Link Extension <sup>2, 3</sup>	99.5%	<b>\$</b>			Schedule driven by E130 track reconstruction and handover from civil to systems contractors; cost driven by E130 claims resolution, which may exceed available budget. Schedule KPI is measured against target date of Dec. 2025; however, the schedule has moved into early 2026 due to challenges with commissioning the cathodic protection system.
Federal Way Link Extension <sup>2, 3</sup>	96.5%				Schedule KPI is measured against the target date of March 2026. Testing has begun on the southern end of the alignment.
Pinehurst Station <sup>2, 3</sup>	72.0%			<b>•</b>	Continued stairway structural steel erection. Project continues to work on ancillary building and underground utility installation, mechanical, electrical, and plumbing along with platform glazing and under guideway conduit.  Safety (RIR): project experienced an OSHA recordable injury with 7,258 more labor hours in April. The RIR was above the Program Goal and the National Average. The incident involved an electrician with a laceration to his left index finger. See project TIFIA report for more details.
Sounder South Station I	Parking and A	ccess Impro	vements		
Sumner <sup>2,3</sup>	43.6%				Sumner: First floor columns and shear walls being placed.
Auburn <sup>2, 3</sup>	26.0%				Auburn: Foundations and detention vault construction is underway. Awaiting Building Permit.
Kent <sup>2</sup>	26.3%				Kent: Foundations and detention vault construction is underway. Awaiting final building permit.

<sup>\*</sup> Link to KPI Legend

 <sup>1 &</sup>quot;% Complete" based on full project to revenue service date, not based on development phase.
 2 Project Baselined.
 3 Projects that require detailed reports to meet TIFIA reporting requirements.

# D. Monthly Performance Tracker for Stride projects in construction

Table below shows portion of the **Stride** projects that WSDOT or a third party manages.

Projects	% Complete <sup>1</sup>	Cost KPI	Schedule KPI	Safety KPI	Comments	
Stride I-405 WSDOT-	37.0%			N/A	S1 Line: <b>NE 44<sup>th</sup> Inline Station</b> is in construction as part of the WSDOT I-405 Express Toll Bellevue-Renton.	
managed projects (S1 and S2 Lines) <sup>2</sup>	37.0%		(t)	N/A	S2 Line: Both <b>NE 85<sup>th</sup></b> and <b>Brickyard-Canyon Park</b> Design-Build contracts have been awarded. Construction is in progress.	
Stride SR 522, NE 145 <sup>th</sup> third-party– managed project (S3 Line) <sup>2</sup>	87.0%			N/A	City of Bothell completed <b>BAT Lane</b> construction within its city limits and constructing <b>NE 185</b> <sup>th</sup> <b>Roadway</b> in preparation for Stride.  City of Shoreline is constructing the <b>NE 145</b> <sup>th</sup> / <b>I-5 ramps roundabout</b> funded by Stride.  Safety for Stride projects: Management and monitoring is being handled by WSDOT or a third party overseeing construction contract administration.	

# E. Monthly Performance Tracker for Other Support projects in construction

The Service Delivery Department is managing the Series 2 LRV Fleet Expansion project with support from the Capital Delivery department staff.

Projects	% Complete <sup>1</sup>	Cost KPI	Schedule KPI	Safety KPI	Comments
Series 2 LRV Fleet Expansion <sup>2, 3</sup>	84.5%			N/A	Project Cost: Project budget is within the planned range.  Project Schedule: Schedule is proceeding per plan. Mitigation steps to improve reliability of LRV brake system and communication system are underway.  Safety: Management and monitoring is being handled by the third party overseeing the manufacture and assembly of the vehicle contract administration. Sound Transit receives delivery of the vehicles and tools upon completion.

<sup>\*</sup> Link to KPI Legend

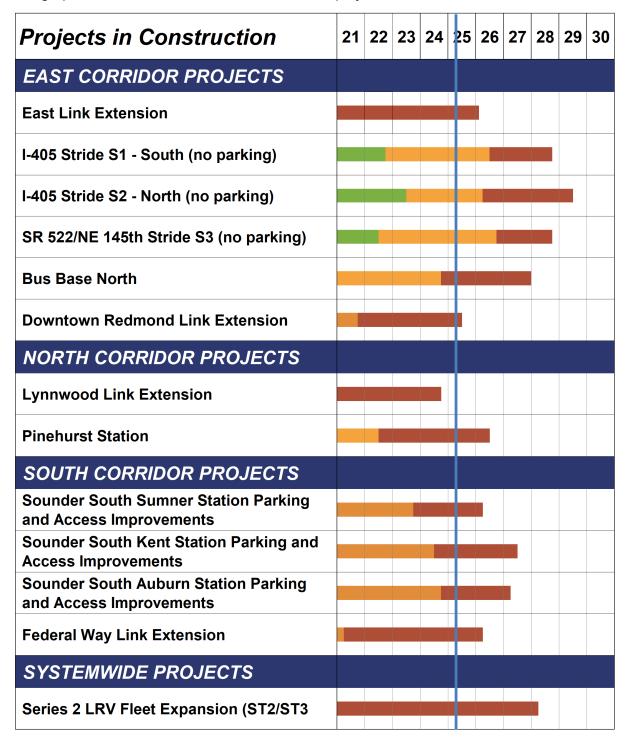
<sup>&</sup>lt;sup>1</sup> "% Complete" based on full project to revenue service date, not based on development phase.

<sup>&</sup>lt;sup>2</sup> Project Baselined.

<sup>&</sup>lt;sup>3</sup> Projects that require detailed reports to meet TIFIA reporting requirements.

## F. Projects in construction schedule

The graphic below shows the overall schedule for projects in construction.





Planning (includes AA / CE / PE and EIS / EA)

Final Design (hatched indicates possible Design-Build; includes procurement)

Construction (includes Startup / Testing / Pre-Revenue / Float)

# V. TIFIA detailed project reports

- A. Downtown Redmond Link Extension
- B. East Link Extension / Series 2 LRV Fleet Expansion
- C. Federal Way Link Extension
- D. Pinehurst Station
- E. Sounder South Station Parking and Access Improvements

# Page intentionally left blank



# CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY (SOUND TRANSIT)

# **TIFIA LOAN AGREEMENT**

# MONTHLY REPORT

**April 2025** 

# For the

DOWNTOWN REDMOND LINK EXTENSION PROJECT (TIFIA-2021-1006A, Issued Date: 09/10/2021)

# **Project Summary**

## Scope

Limits The Downtown Redmond Link Extension

(DRLE) builds new light rail from the Redmond Technology Station to downtown

Redmond.

Alignment The extension starts at Redmond

Technology Station and travels generally along SR 520 and SR 202 to downtown

Redmond.

Stations Two Stations: Marymoor Village and

Downtown Redmond

Systems Signals, traction electrification, and

communications (SCADA)

Phase Construction

**Budget** \$1.5 Billion (Baselined October 2018)

Schedule Baseline Revenue Service Date: Dec 2024

FTA Recovery Plan Service Date: Dec 2025

Sound Transit Board announced Revenue Service Date: May 10, 2025



Map of Downtown Redmond Link Extension

# **Key Project Activities**

- Revenue service will begin on May 10, 2025.
- Punch list work continues.
- Closeout documentation continues.
- Certificate of Occupancy acquired from City of Redmond.

# **Closely Monitored Issues**

None this month.

# **Project Cost Summary**

Voters approved funding for preliminary engineering for the Downtown Redmond Link Extension (DRLE) in 2008 in the Sound Transit 2 ballot measure. In response to the 2007-2009 Great Recession, the ST Board suspended the project. In February 2016, the ST Board restored funding to support preliminary engineering of the project prior to funding approval for final design and construction as part of the Sound Transit 3 Plan. This project has now been baselined and has been incorporated into the tables below. The first table below summarizes costs in accordance with Sound Transit's budget Work Breakdown Structure (WBS), while the second table is in the FTA's Standard Cost Categories (SCC) format. The figures in both tables are shown in millions.

This period approximately \$11M was incurred bringing the total expenditure to date is \$1,054M.

This period the project continues to forecast an Estimated Final Cost of \$1,142M with a budget underrun of \$388M.

#### **Cost Summary by Phase**

Project Phase	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred this Month	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
Administration	\$77	\$77	\$40	\$1	\$39	\$52	\$25
Preliminary Engineering	\$23	\$20	\$20	\$0	\$20	\$20	\$0
Final Design	\$5	\$5	\$2	\$0	\$2	\$2	\$3
Construction Services	\$58	\$66	\$54	\$1	\$56	\$56	\$10
Third Party Agreements	\$17	\$17	\$11	\$0	\$10	\$12	\$5
Construction	\$1,152	\$1,146	\$822	\$7	\$809	\$875	\$271
ROW	\$199	\$199	\$119	\$2	\$119	\$127	\$72
Total	\$1,530	\$1,530	\$1,068	\$11	\$1,054	\$1,142	\$388

**Cost Summary by SCC** 

SCC Element	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred This Month	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
10 Guideway & Track	\$332	\$370	\$251	\$1	\$253	\$251	\$81
20 Stations	\$262	\$190	\$199	\$1	\$196	\$200	\$62
30 Support Facilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40 Sitework & Special Conditions	\$287	\$224	\$212	\$5	\$203	\$213	\$75
50 Systems	\$109	\$75	\$75	\$0	\$73	\$75	\$34
Construction Subtotal (10 - 50)	\$990	\$858	\$737	\$7	\$725	\$739	\$251
60 Row, Land	\$169	\$141	\$119	\$2	\$119	\$124	\$44
70 Vehicles (Non-Revenue)	\$4	\$4	\$3	\$0	\$2	\$4	\$0
80 Professional Services	\$289	\$275	\$209	\$2	\$208	\$275	\$14
90 Unallocated Contingency	\$78	\$252	\$0	\$0	\$0	\$0	\$78
Total (10 - 90)	\$1,530	\$1,530	\$1,068	\$11	\$1,054	\$1,142	\$388

Tables across this report may have totals that do not equal line item sums due to decimal rounding.

# Risk Management

At this stage of project most of the risk has been mitigated or greatly reduced. The project continues to monitor event and is at the final touches of opening. Here are some items project team monitor closely:

- **Obtain Certificate of Occupancy:** Coordination meetings with City of Redmond on permit closeout including regular field walks. Development of timeline to track progress.
- WSDOT O&M and Air Space Lease (ASL): Close coordination with WSDOT to agree on terms and final language of O&M. Development of timeline to track progress.
- Completing Safety Certification: Timeline shows all but two items completed ahead of RSD. Workarounds will be approved for these items. Leading up to RSD, items that may not be completed ahead of RSD will have workaround developed and approved.
- **Completion of Device installation and SIT:** Timeline is established that shows work will be completed to support RSD. DB is working extra hours to complete installation and commissioning.





Sound Transit testing at Marymoor Village Station (above) and Art installed at Downtown Redmond Station (below)

# **Contingency Management**

The project baseline included a total contingency of \$435.8M. The total project contingency decreased to \$417.6M, when compared to \$417.8M from last month. The current contingency utilization is performing positively against the project's planned contingency drawdown.

**Design Allowance (DA)** was established to account for unquantified scope at the time of the cost estimate. DA is expected to be fully drawn down at the end of the project.

**Allocated Contingency (AC)** is used to address risks, complexity, and unforeseen conditions during the execution of work, including procurement. AC balance was reduced to \$165.5M when compared to \$165.7M from last month mostly due to DB Change Orders.

**Unallocated Contingency (UAC)** is used to address general project-wide cost risks and uncertainties. This period UAC balance remains the same at \$251.7M.

## **Contingency Status**

Contingency	Bas	eline	Current Status			
Type	Amount	% of Total Budget	Amount Remaining	% of Work Remaining		
Design Allowance	9 1 8148 1		\$0	0%		
Allocated Contingency	\$210	14%	\$166	35%		
Unallocated Contingency	\$78	5%	\$252	53%		
Latent Contingency	\$0	0%	\$0	0%		
Total:	\$436	28%	\$418	88%		

#### **Contingency by Type**

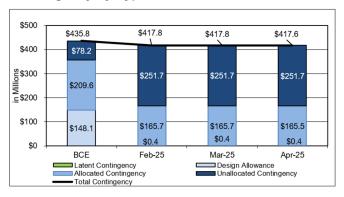
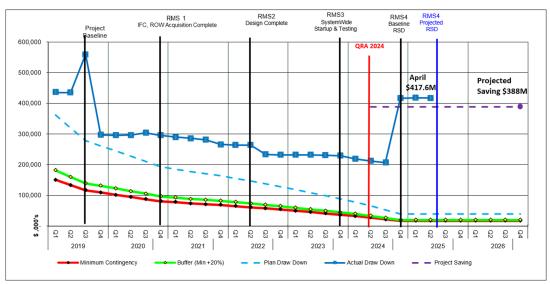


Table figures are shown in millions.

## **Contingency Drawdown**

DRLE project's total contingency drawdown trends better than planned and remains above the baseline drawdown projection. The trend is well above both the minimum contingency and the buffered (minimum plus 20%) contingency levels.

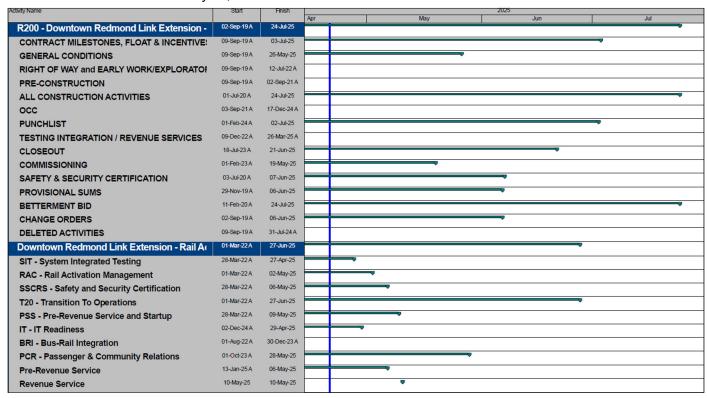


Contingency Drawdown as of April 30, 2025

# **Project Schedule**

The weighted percent complete of the R200 contract is estimated at 98% (last month was 97.4%).

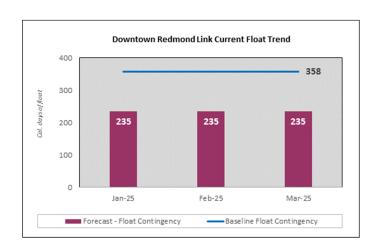
Sound Transit has reviewed and returned the Contractor's March schedule submissions. The April schedule submittal from the contractor is still under preliminary review and is not reflected here. Work continues on planting and restoration throughout the alignment and for System Integration Testing (SIT). Work also continues for finishing work on the communications and electrical rooms at the Marymoor Village garage and station and in the interior and plaza at the Downtown Redmond station. Pre-Revenue Operations commenced on the Guideway on January 13th. Revenue Service remains at May 10, 2025.



# **Project Float**

The project's Recovery Plan includes 358 days of project float for a Revenue Service Date of December 31, 2025. Float calculations have been adjusted this period to reflect project performance against the Substantial Completion Date laid out in the project recovery plan submitted in March 2023.

Contractor continues to work through station completion and punch list issues. Currently, the Revenue Service Date remains May 10, 2025, with 235 days of float remaining.



# **Critical Path Analysis**

The March update is shown below, developed by Sound Transit's Construction Management Consultant to provide an accurate forecast of remaining work. The schedule update April is currently under review and has not been accepted. The critical path continues to be driven by completion of Safety Certification and Pre-Revenue Service. Near-critical paths include completion of stations and garages. Off-guideway landscaping and site restoration will likely continue past the revenue service date.

Activity Name		Finish	2025				
				Apr		May	Jun
R200 - Downtown Redmond Link Extension - ST	02-Jun-21 A	24-Jul-25					
ALL CONSTRUCTION ACTIVITIES	13-Jan-25 A	24-Jul-25					
OFF GUIDEWAY ROADWORK and RESTORATION	13-Jan-25 A	24-Jul-25					
BETTERMENT BID	02-Jun-21 A	24-Jul-25					

# Right-of-Way

The Right-of-Way effort for this project involves the acquisition of a range of property interests which includes compensable (e.g., fee acquisitions, guideway easements, permanent easements, and temporary construction easements) and non-compensable rights (e.g., rights of entry). These acquisitions will result in owner and tenant residential and commercial relocations.

The Right-of-Way program status for this period is summarized in the following table.

Downtown Redmond Link Extension Property Acquisition Status*								
	ACQUISIT	RELOCATION						
Total Acquisitions*	Board Approved*	Offers Made to date	Closings to date*	Relocations Required	Relocations Completed to date			
84	94	66	83	1579	1579			

\*All numbers are cumulative totals, except where noted. Total number may differ from other reports due to timing of report periods.

Total Acquisitions: Defined as parcels recognizing only land, not owners.

Board Approved: Based on parcels and properties (including multi-unit acquisitions).

Offers/Closings: Based on inclusive offers made to separate owners and interest holders.

Relocations: Based on number of affected individuals; this incudes relocation of storage units by impacted individuals.

# **Major Contract Status**

Numbar/	Contractor/ Consultant	Base Contract Value	Value of Changes/ Amendments	Current Value	Expended Amount	Start Date (NTP)	Completion Date
			In-Progress	Contracts			
Preliminary / Design Consultant	Parametrix, Inc	\$13,287,633	\$7,942,472	\$21,230,105	\$21,217,428	12/6/2016	12/31/2024
DBPM *	WSP	\$1,663,998	\$52,632,489	\$54,296,487	\$55,653,011	\$54,678,011	12/24/2025
II Ontractor	Stacy Witbeck Kuney, JV \$719,936,000 \$65,128,083 \$785,064,083		\$778,685,736	\$775,378,477	5/26/2025		
s	ubtotal In-Prog	ress Contract	ts	\$860,590,675	\$855,556,175		
			Planned C	ontracts			
Sammamish River Mitigation Project	TBD	4-6M	NA	NA	NA	8/01/2026	10/31/2026
Monitoring and Maintenance of the Bear Creek Restoration Site	ST Environmental On-Call (TBD – procurement underway)	\$500-600K	NA	NA	NA	TBD	2032
Consultant services to evaluate park & ride impacts at the two DRLE stations	TBD	\$50-100K	NA	NA	NA	2026	2026
Subtotal Plan	ned Contracts						
Total Contrac	Total Contracts				\$855,556,175		

<sup>\*</sup> DB and DBPM reported numbers excludes betterment.

# **Community Engagement**

• Ongoing planning for system opening event.

# **Staffing Summary**

The planned Full-Time Equivalent (FTE) is an annual projection of ST project staff and consultants. Planned FTE is an annual projection and remains constant from month to month. The Year-to-Date (YTD) Performance is the total actual FTEs accumulated through this reporting period. Staffing status is summarized in the following table.

The variance in consultant utilization is a result of the judicious mobilization of the design-build project management team. The variance in ST Staff is due to higher than anticipated staff cross charges due to Testing and Commissioning. Over time, the variance should align more closely to the plan.

Planned FTE Monthly Average	YTD Actual FTE Monthly Average	Variance
21.2	31.3	(10.1)
14.5	32.0	(17.5)
35.7	63.3	(27.6)
	Monthly Average 21.2 14.5	Monthly Average Monthly Average  21.2 31.3  14.5 32.0

<sup>\*</sup> An FTE is the equivalent of 1,920 hours. YTD performance FTE hours are divided by a monthly factor of 160.

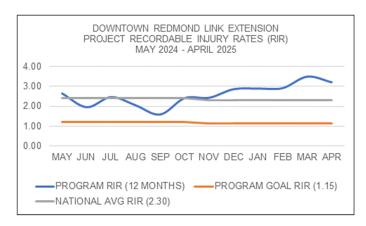
## **Sound Transit Board Actions**

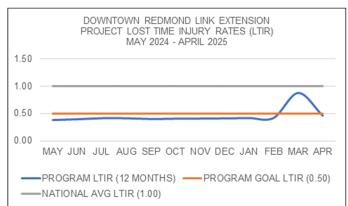
Board Action	Description	Date
	No action this period.	

# **Construction Safety**

#### \* Link to KPI

N	lonthly KPI	Construction Safety	Project Monthly <sup>1</sup>	Project Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average <sup>4</sup>	Notes
		Recordable Injury Rate (RIR)	0.00	3.20 <sup>5</sup>	1.15	2.30	There was no recordable incident or lost time incidents reported in April. However, the project's
		Lost-Time Injury Rate (LTIR)	0.00	0.46 <sup>6</sup>	0.50	1.00	12-month average RIR rate is still above the Program Goal and the National Average, see note below.





#### Notes:

- Project Monthly rates based on monthly safety data. Due to the timing of contractor's reporting periods, the current month's numbers above are a combination of actuals and estimates. The number from the previous month are reconciled and replaced with actuals the following month.
- 2. Project Average rates based on 12-month rolling average.
- 3. Program Goal is <50% of the National average of RIR/LTIR.
- 4. National Average RIR/LTIR is based on the annual Bureau of Labor Statistics data for Construction.
- 5. For reference the Project Average RIR (3.20) is 178.6% above the Program Goal and 39.2% above the National Average. Low labor hours coupled with early recordable has RIR temporarily higher than benchmark average. The RIR continues to trend in a positive direction compared to previous months.
- 6. For reference the Project Average LTIR (0.46) is 8.45% below the Program Goal and 54.2% below National Average.

# Link light rail Downtown Redmond Link Extension

# Contract R200 - DRLE Design Build

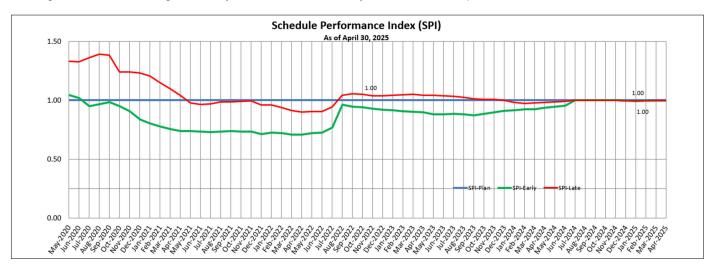
# **Current Progress**

### Construction:

- Cut and Cover Construction: Punchlist activities outside of alignment ongoing at 40th to 51st Street. Punchlist
  activities outside of alignment and landscaping ongoing at 51st to 60th Street. Punchlist activities outside of
  alignment and landscaping ongoing at 60th to Structure A.
- Marymoor Village Station (MVS) and Garage: Ongoing landscaping around station. Ongoing civil landscaping around garage and civil and landscaping work along 70th Street. Ongoing garage signage installation on columns. Purcell is working on garage punchlist and NCR items.
- SR 520/SR 202 Interchange: Ongoing landscaping and civil works along NE 76th and Redmond Way. Final cleanup of ped bridge and trail is ongoing. Picket fence on top of walls is being installed.
- Bear Creek to Downtown Redmond: Ongoing landscaping and final cleanup of trails and surface level for RCC Trail.
- Downtown Redmond Station: Ongoing hardscape, signage installation at all structures, irrigation installation, and planting. Ongoing punchlist activities at East Station Entry. Ongoing punchlist activities at West Station Entry. Signage installation at Station Platform Level is complete. Systems installation of Emergency Egress Lights on Maintenance Stair tower is ongoing.

#### **Schedule Performance Index**

R200 is currently scheduled to hand over all facilities to Sound Transit Operations on March 29, 2025 to begin the simulated service phase of pre-revenue service. Critical remaining work activities include Downtown Redmond Station (DTS) metal ceiling panels, SCADA programming update and installation, vertical transportation inspections, testing and commissioning, trackway maintenance walkway installation, and punch list work.



# Link light rail Downtown Redmond Link Extension

### **Next Period's Activities**

- RTS to Marymoor: Continue punchlist activities outside of alignment, landscaping, and tall fencing at Marymoor Park.
- Marymoor Village Station: Continue punchlist activities outside of alignment.
- Marymoor Garage: Continue landscaping around garage, civil and landscaping work along NE 70th Street, and grading around Frito Lay Yard as well as punchlist activities outside of alignment.
- Downtown Redmond Station: Continue punchlist activities.

# **Closely Monitored Issues**

- Station and garage progress: Punchlist activities.
- SIT progress: This work is complete.
- Submittals: Continue to work with the Design-Builder to improve the timing and turn-around of submittals.
- Transition deliverables such as training manuals, as-builts and training.

# **Cost Summary**

Present Financial Status	Amo	ount					
R200 Contractor – Stacy Witbeck Kuney, a Joint Ventur							
Original Contract Value	\$	719,936,000					
Change Order Value*	\$	65,128,083					
Current Contract Value	\$	785,064,083					
Total Actual Cost (Incurred to Date)	\$	778,685,736					
Percent Complete		97.4%					
Alternative Concept Allowance	\$	27,644,983					
Authorized Contingency	\$	95,281,617					
Contingency Drawdown*	\$	65,128,083					
Contingency Index**		1.66					

<sup>\*</sup>Excludes Betterments

<sup>\*\*</sup>Excludes Betterments & Alternative Conceptual Allowance



Testing at Marymoor Village Station



# CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY (SOUND TRANSIT)

# **TIFIA LOAN AGREEMENT**

# MONTHLY REPORT

**April 2025** 

For the

EAST LINK EXTENSION PROJECT (TIFIA-2021-1019A, Issued Date: 09/10/2021)

# TIFIA Project Cost Summary by SCC

(as of 4/30/2025; figures in million dollars)

#### Combined TIFIA Project (East Link, LRV (East Link) and I-90 HOV Stage 3)

SCC Element	Baseline Budget <sup>1</sup>	Current Budget <sup>5</sup>	Commitment to Date	Incurred to Date*	Estimate At Completion (EAC)	Current Budget vs. EAC <sup>4</sup>
10 Guideway & Track	\$744.6	\$981.6	\$960.2	\$957.8	\$922.4	\$59.2
20 Stations	\$397.7	\$480.9	\$484.4	\$483.2	\$485.4	(\$4.5)
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$989.1	\$758.7	\$740.2	\$732.7	\$762.5	(\$3.8)
50 Systems	\$353.8	\$460.5	0.5 \$446.3 \$430.	\$430.4 \$462	\$462.6	(\$2.1)
Construction Subtotal (10 - 50)	\$2,485.2	\$2,681.7	\$2,631.0	\$2,604.0	\$2,632.9	\$48.6
60 Row, Land	\$288.5	\$281.5	\$281.0	\$280.7	\$281.5	\$0.0
70 Vehicles	\$218.9	\$215.7	\$207.5	\$188.7	\$215.7	(\$0.1)
80 Professional Services	\$932.2	\$977.9	\$930.3	\$908.3	\$977.8	\$0.1
90 Unallocated Contingency	\$202.1	\$34.5	\$0.0	\$0.0	\$34.5	\$0.0
Total TIFIA Project (10 - 90)	\$4,126.9	\$4,191.3	\$4,049.8	\$3,981.8	\$4,142.5	\$48.7

<sup>\*</sup> Amount was estimated

#### East Link - Cost Summary by SCC

SCC Element	Baseline Budget <sup>2</sup>	Current Budget	Commitment to Date	Incurred to Date	Estimate At Completion (EAC)	Current Budget vs. EAC <sup>4</sup>
10 Guideway & Track	\$744.6	\$981.6	\$960.2	\$957.8	\$922.4	\$59.2
20 Stations	\$397.7	\$480.9	\$484.4	\$483.2	\$485.4	(\$4.5)
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$808.5	\$571.8	\$553.2	\$548.0	\$575.6	(\$3.8)
50 Systems	\$353.8	\$460.5	\$446.3	\$430.4	\$462.6	(\$2.1)
East Link Construction Subtotal	\$2,304.6	\$2,494.7	\$2,444.0	\$2,419.4	\$2,446.0	\$48.7
60 Row, Land	\$288.5	\$281.5	\$281.0	\$280.7	\$281.5	\$0.0
70 Vehicles (non-revenue)	\$2.8	\$0.0	(\$0.0)	(\$0.0)	\$0.0	\$0.0
80 Professional Services	\$898.4	\$947.3	\$900.0	\$878.0	\$947.3	(\$0.0)
90 Unallocated Contingency	\$182.9	\$33.6	\$0.0	\$0.0	\$33.6	\$0.0
Total East Link	\$3,677.2	\$3,757.2	\$3,625.1	\$3,578.2	\$3,708.4	\$48.7

#### Light Rail Vehicles (East Link Portion Only)

SCC Element	Baseline Budget <sup>3</sup>	Current Budget	Commitment to Date	Incurred to Date	Estimate At Completion (EAC)	Current Budget vs. EAC <sup>4</sup>
70 Vehicles (Light Rail)	\$216.1	\$215.7	\$207.5	\$188.7	\$215.7	(\$0.1)
80 Professional Services	\$7.5	\$7.5	\$7.7	\$7.7	\$7.5	\$0.1
90 Unallocated Contingency	\$0.5	\$0.9	\$0.0	\$0.0	\$0.9	\$0.0
Total East Link LRV's	\$224.1	\$224.1	\$215.1	\$196.4	\$224.1	\$0.0

### I-90 Two-way Transit & HOV Operations Stage 3

SCC Element	Baseline Budget	Current Budget	Commitment to Date	Incurred to Date	Estimate At Completion (EAC)	Current Budget vs. EAC <sup>4</sup>
40 Sitework & Special Conditions	\$180.6	\$187.0	\$187.0	\$184.6	\$187.0	\$0.0
80 Professional Services	\$26.3	\$23.1	\$22.6	\$22.6	\$23.1	\$0.0
90 Unallocated Contingency	\$18.7	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total I-90 HOV Stage 3	\$225.6	\$210.0	\$209.6	\$207.3	\$210.0	\$0.0

#### <u>Notes</u>

- 1 Per the TIFIA Loan Agreement, if the aggregate change in the Project Budget is less than 1% of the budget at the time of Baseline (without taking into account any costs for the Overlake Transit Center Components, totaled \$53M), the Project Budget will be adjusted to reflect the new baseline budget.
- 2 East Link project was baselined in April 2015 in the amount of \$3,677.2M. Compared to the East Link's TIFIA budget of \$3,648M, which is \$3,595M Original TIFIA budget for East Link without Vehicles + \$53M Overlake Transit Center Components), it is less than 1% different. Therefore, TIFIA Project Budget was adjusted to reflect the new baseline budget, and subsequent project reporting will be based on the new baseline budget.
- 3 Light Rail Vehicles is managed as a separate project. The East Link TIFIA agreement includes up to 46 light rail vehicles or 30.26% of 152 total LRV Order.
- 4 On this page, the most right column compares Current Budget versus Estimated Final Cost (EFC).

  For the East Link Extension Project, the variance of Current Budget vs. EFC in the Construction SCC's was due to consolidation of budget capacity of major construction contracts that have been awarded to SCC 90 Unallocated Contingency.
- 5 Board authorized Project Budget Allocation by \$80M (Resolution R2024-23).

# **Project Summary**

Scope

Limits Fourteen-mile extension from Downtown

Seattle to Mercer Island, Bellevue and the

Overlake area of Redmond.

Alignment East King County via I-90 from Downtown

Seattle to the Overlake Transit Center area

of Redmond.

Stations Judkins Park (JPS), Mercer Island (MIS),

South Bellevue (SBS), East Main, Bellevue Downtown (BDS), Wilburton, Spring District/120th, Bel-Red/130th, Overlake Village (OVS) and Redmond Technology

(RTS).

Systems Signals, traction electrification, and

communications systems.

Phase Construction (South Bellevue to Seattle)

Revenue Service (RTS to SBS)

Budget \$3.7 Billion (Baseline April 2015, revised

October 2024)

Schedule Baseline Revenue Service Date: June 2023

FTA Recovery Plan Service Date: May 2026

East Link Starter Line (ELSL) Revenue Service Date: RTS to South Bellevue April 27, 2024 (actual)

Possible Opening Timeline for ELE: South Bellevue to International District Station Q1 2026 (pending approval)



- Seattle to South Bellevue (E130): Advanced non-conforming track adjustments and final surveys from International District Station to the west approach of the floating bridge, including removal/repair/replacement of damaged nylon inserts and track fasteners; Substantial Completion granted for the West Segment from Mercer Island Station to South Bellevue project limit.
- **Mercer Island Transit Integration (E135):** Ongoing landscape maintenance activities, closing out remaining permits, and working to complete administrative items for final acceptance.
- **South Bellevue (E320):** Substantial completion achieved on August 29, 2022. Independent follow-on contractor work continues; acceptance granted for landscaping and plant establishment activities.
- Downtown Bellevue to Spring District (E335): Contract acceptance and substantial completion issued effective August 23, 2023. Continued site wide change notice work, and maintenance activities. Continued close-out of commercial items.
- **Bel-Red (E340)**: The contract reached Acceptance of all work (Milestone 4) and a final settlement agreement executed and paid. The contract is officially in closeout and working on achieving Final Acceptance.
- SR 520 to Redmond Technology Station (E360): All major commercial items have been finalized. Substantial completion achieved on September 30, 2023. Certificate of Occupancy for RT Garage granted September 7, 2023, for RT Station on September 28, 2023, and for Overlake Village Station on October 23, 2023. RT Garage opened for parking on October 30, 2023. The contract is officially in closeout and working on achieving Final Acceptance. Specifically working on finalizing the project's Record Drawings.
- Systems (E750): The remaining end-to-end portion of the contract as related to the whole of the E130 area continues as follows: Systems Integration has started in two out of three sections of the I-90 alignment, while the systems contractor stands by for the segment across the floating bridge to become available. Interface discussions between the E750 and E130 Contractors continues.



Map of East Link Extension Alignment

# **Closely Monitored Issues**

- Quality Issues: E130 track plinth reconstruction on the floating bridge and cathodic protection system corrective action are driving handover of the floating bridge to the E750 contractor.
- Claims: Significant contractor claims on E130 remain. Settlement agreements have been reached on E320, E335, E340, E360, and E750.
- Overall Challenges: Late civil completion of segment 3, late design changes, safety and security adjustments, theft
  of equipment or materials, operational needs, third party requirements, and/or corrections identified during
  commissioning could result in impacts to schedule and/or cost.

# **Project Cost Summary**

The project cost is summarized below in two cost categories. The first table summarizes costs in accordance with Sound Transit's budget Work Breakdown Structure (WBS). The second table summarizes costs in accordance with the FTA's Standard Cost Categories (SCC) format. The figures in both tables are shown in millions. The project budget increased by \$80M from \$3.677B to \$3.757B (Board action Resolution R2024-23).

This period approximately \$8M was incurred, bringing the total expenditure to date at \$3.58B.

Project commitments are now at approximately \$3.63B with all major construction contracts in place or near completion.

The Estimated Final Cost (EFC) is slightly higher than last month at approximately \$3.708B, but still within the Authorized Project Budget Allocation.

Note: There are construction contractor claims still pending settlement agreements. The cumulative contractor claims and other closeout work may exceed the project's remaining contingency. The EFC may potentially exceed the project's authorized Project allocated budget. The project team is closely monitoring.

#### East Link - Cost Summary by Phase

Project Phase	Baseline Budget	Current Budget	Commitment to Date	Incurred to Date	Estimate At Completion (EAC)	Current Budget vs. EAC
Administration	\$186.2	\$184.5	\$165.9	\$165.4	\$184.5	\$0.0
Preliminary Engineering	\$55.9	\$54.8	\$54.8	\$54.8	\$54.8	\$0.0
Final Design	\$283.0	\$270.1	\$263.4	\$260.7	\$270.1	\$0.0
Construction Services	\$257.5	\$314.1	\$308.5	\$295.3	\$314.1	\$0.0
3rd Party Agreements	\$52.2	\$44.2	\$38.2	\$35.7	\$44.2	\$0.0
Construction	\$2,544.3	\$2,607.9	\$2,513.3	\$2,485.6	\$2,559.2	\$48.7
Light Rail Vehicles	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
ROW	\$298.2	\$281.5	\$281.0	\$280.7	\$281.5	\$0.0
Total	\$3,677.2	\$3,757.2	\$3,625.1	\$3,578.2	\$3,708.4	\$48.7

### East Link - Cost Summary by SCC

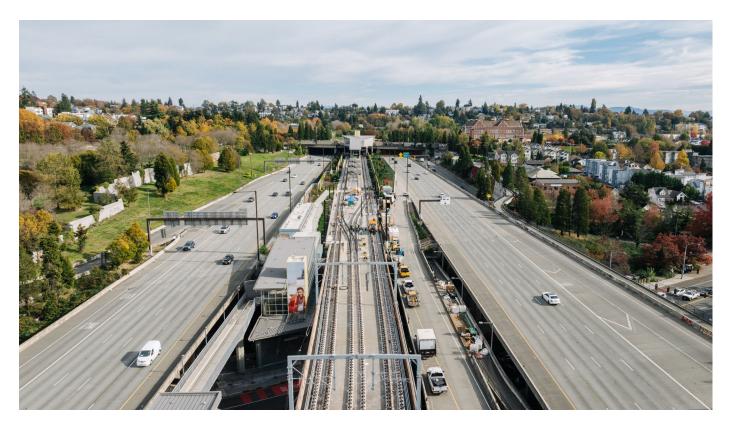
SCC Element	Baseline Budget	Current Budget	Commitment to Date	Incurred to Date	Estimate At Completion (EAC)	Current Budget vs. EAC
10 Guideway & Track	\$744.6	\$981.6	\$960.2	\$957.8	\$922.4	\$59.2
20 Stations	\$397.7	\$480.9	\$484.4	\$483.2	\$485.4	(\$4.5)
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$808.5	\$571.8	\$553.2	\$548.0	\$575.6	(\$3.8)
50 Systems	\$353.8	\$460.5	\$446.3	\$430.4	\$462.6	(\$2.1)
East Link Construction Subtotal	\$2,304.6	\$2,494.7	\$2,444.0	\$2,419.4	\$2,446.0	\$48.7
60 Row, Land	\$288.5	\$281.5	\$281.0	\$280.7	\$281.5	\$0.0
70 Vehicles (non-revenue)	\$2.8	\$0.0	(\$0.0)	(\$0.0)	\$0.0	\$0.0
80 Professional Services	\$898.4	\$947.3	\$900.0	\$878.0	\$947.3	(\$0.0)
90 Unallocated Contingency	\$182.9	\$33.6	\$0.0	\$0.0	\$33.6	\$0.0
Total East Link	\$3,677.2	\$3,757.2	\$3,625.1	\$3,578.2	\$3,708.4	\$48.7

Tables across this report may have totals that do not equal line item sums due to decimal rounding.

# **Risk Management**

The following are the top risk areas that may impact project cost and schedules:

- Nylon insert product replacement (beyond replacement in-kind for failed inserts) (E130.151).
- Dual block spall repairs (large-scale, beyond currently known 41 locations) (E130.152).
- Inability to acquire replacement dual blocks (supplier refusal / lack of availability to produce additional blocks) (E130.153).
- Late civil completion of Segment 3 for handover to systems for System Integration Testing (E130.150).
- EIC availability (E750.040).



Aerial view of Judkins Park Station and Guideway

# **Contingency Management**

The East Link project budget was baselined in April 2015 with a total contingency of \$795.9M. All major construction contracts have been procured and the total contingency balance, including the additional contingency that was added via Resolution 2024-23, stands at \$91.5M (previously \$91.6M). The current contingency balance is consistent with the project's planned contingency drawdown.

Design Allowance (DA) DA is now fully depleted.

**Allocated Contingency (AC)** is used to address risks, complexity, and unforeseen conditions during the execution of work, including procurement. This period, allocated contingency changed to \$57.9M, a net decrease of \$0.1M, due mostly to change orders.

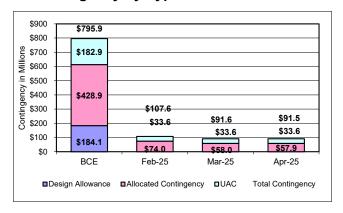
**Unallocated Contingency (UAC)** is used to address general project-wide cost risks and uncertainties. This period, the UAC remains the same at \$33.6M.

### **Contingency Status**

Contingency	В	CE	Current Status		
Status	Amount % of Total Budget		Remaining Amount	% of Work Remaining	
Design Allowance	\$184.1	4.9%	\$0.0	0.0%	
Allocated Contingency	\$428.9	11.4%	\$57.9	66.2%	
Unallocated Contingency	**   \$1829   49%		\$33.6	38.4%	
Total:	\$795.9	21.2%	\$91.5	104.6%	

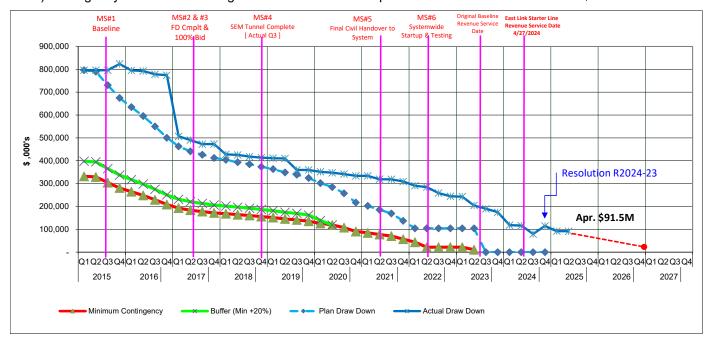
Dollar figures on this page are displayed in millions.

# **Contingency by Type**



### **Contingency Drawdown**

The East Link Project's total contingency drawdown continues to trend within plan with an overall contingency balance of approximately \$91.5M (previously \$91.6M). With all major construction contracts procured, it remains above the baseline drawdown projection and above both the minimum contingency and the buffered (minimum plus 20%) contingency levels. The contingencies at the end of this period recorded a net decrease of \$0.1M.



Contingency Drawdown as of April 30th, 2025

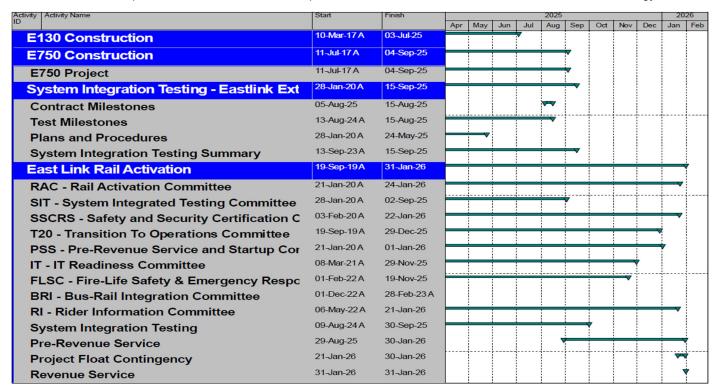
# **Project Schedule**

The weighted percent complete for the remaining major construction contracts is estimated at 99.5% (last month was 99.4%).

The schedule below shows the schedule through February. The March schedule submittal is still pending.

- **E130** continued floating bridge trackwork and cathodic protection, as well as commissioning and punch list work for stations and guideway.
- E320 and E360 have achieved substantial completion and are working toward Acceptance.
- E330, E335, and E340 have achieved Acceptance or Final Acceptance.
- **E750** is ready to start Systems Integration Testing (SIT), but is pending civil completion of Floating Bridge track. Performing OCS and signal work on west segment between International District / Chinatown Station and the east portal at the Mount Baker Tunnel.

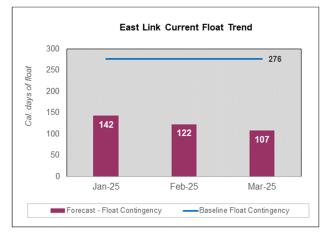
Note: Sound Transit opened the 2-Line for service on April 27, 2024, between South Bellevue and Redmond Technology Stations.



# **Project Float**

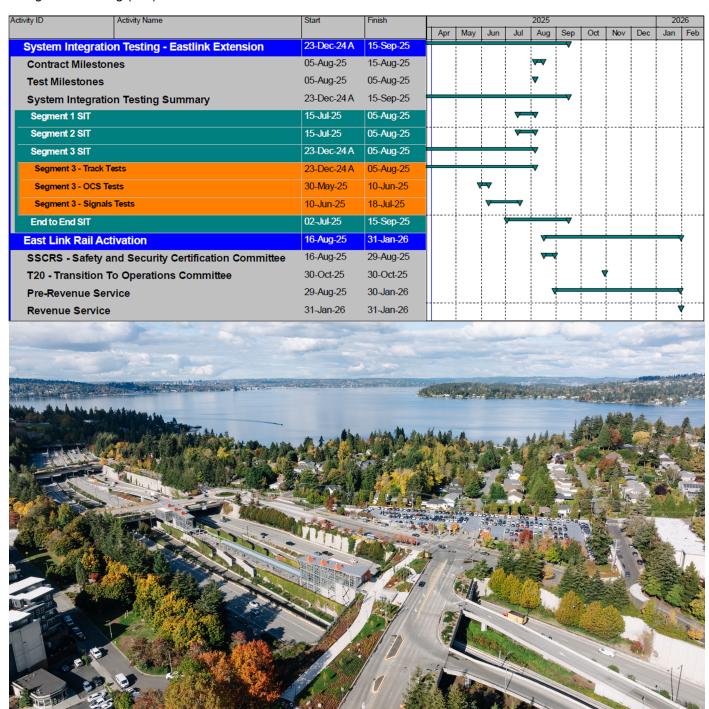
The project's Recovery Plan includes 276 days of project float for a Revenue Service Date (RSD) of May 18, 2026. Float calculations have been adjusted this period to reflect project performance against the Substantial Completion Date laid out in the latest project recovery plan.

Completion of trackwork in Segment 3, the floating bridge remains the driving factor in the E130 contract, and subsequent handover of the track to the E750 systems contractor. Currently, the project is forecast to enter RSD by January 31, 2026, with 107 days of float remaining.



# **Critical Path Analysis**

The East Link critical path for the February update continues to run through E130 completion of trackwork on the floating bridge, and E750 access to complete Overhead Catenary System (OCS) installation, and perform Systems Integration Testing (SIT).



Aerial View of Mercer Island Station

# **Staffing Summary**

The planned Full-Time Equivalent (FTE) is an annual projection of ST project staff and consultants. Planned FTE is an annual projection and remains constant from month to month. The Year-to-Date (YTD) Performance is the total actual FTEs accumulated through this reporting period. Staffing status is summarized in the following table.

Consultant utilization is dependent on the efforts to manage construction. The monthly average is trending over the plan, but is forecasted to decline over time. The current overage is not indicative of an immediate budget overage. That said, the longer than anticipated construction duration due to quality issues and potential delay in transitioning to operations will require more labor resources.

Resource Type	Planned FTE Monthly Average		
ST Staff	40.6	44.9	(4.3)
Consultants	93.1	105.9	(12.8)
TOTAL	133.7	150.8	(17.1)
* An ETE is the equivalent of	1 020 hours VTD porformance E	TE house are divided by a month	ly factor of 160

<sup>\*</sup> An FTE is the equivalent of 1,920 hours. YTD performance FTE hours are divided by a monthly factor of 160.

### **Sound Transit Board Actions**

Board Action	Description	Date
	No action this period.	

# **Community Engagement**

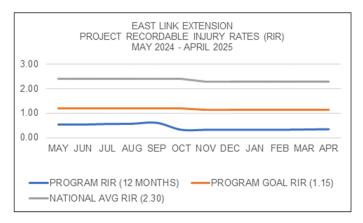
April's focus included, but was not limited to:

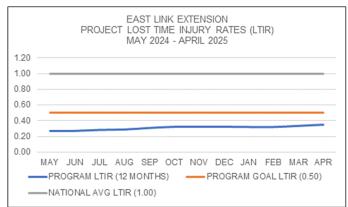
- Continued to respond to numerous questions about the Cross Lake Connection of the 2 Line.
- Notified residents on Mercer Island about an electrical conduit run that will impact driveways.
- Updated the project web pages for Mercer Island and Judkins Park Stations.

# **Construction Safety**

### \* Link to KPI

Monthly KPI	Construction Safety	Project Monthly <sup>1</sup>	Project Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average <sup>4</sup>	Notes
	Recordable Injury Rate (RIR)	0.00	0.35 <sup>5</sup>	1.15	2.30	There were no recordable or lost
	Lost-Time Injury Rate (LTIR)	0.00	0.35 <sup>6</sup>	0.50	1.00	time incidents reported in April.





#### Notes:

- 1. Project Monthly rates based on monthly safety data. Due to the timing of contractor's reporting periods, the current month's numbers above are a combination of actuals and estimates. The number from the previous month are reconciled and replaced with actuals the following month.
- 2. Project Average rates based on 12-month rolling average.
- 3. Program Goal is <50% of the National average of RIR/LTIR.
- 4. National Average RIR/LTIR is based on the annual Bureau of Labor Statistics data for Construction.
- 5. For reference the Project Average RIR (0.35) is 70.0% below the Program Goal and 85.0% below the National Average.
- 6. For reference the Project Average LTIR (0.35) is 31.0% below the Program Goal and 65.5% below National Average.

# **Major Construction Contract Packages**

Below are the major construction contract packages for the project with a brief scope description of each contract segment.

R8A Stage 3A: Modification of HOV Ramp between I-90 and Bellevue Way SE. [Design-bid-build]

Status: Completed and Closed.

**E130 Seattle to South Bellevue:** International District Station (IDS) modification, retrofit of existing WSDOT structures, I-90 Center Roadway and two light rail stations. [Heavy Civil GC/CM]

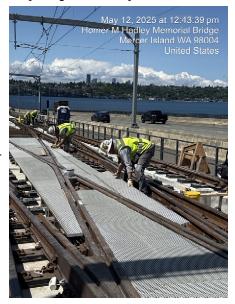
Status: See following pages under Contract E130.

**E135 Mercer Island Transit Integration:** Road improvements including a roundabout at N. Mercer Way and 77th Ave SE. to enhance bus/rail transfer and connect pedestrian and bicyclist to the Mercer Island light rail station. [Design-Bid-Build]

Status: Substantial Completion achieved on March 16, 2023. Acceptance Issued on May 31, 2024

**E320 South Bellevue:** One (1) Light Rail Station and a Parking Garage at South Bellevue P&R; aerial, at-grade, and retained-cut guideway along Bellevue Way SE and 112th Avenue SE. [Design-bid-build]

Status: Substantial Completion achieved on Aug. 29, 2022.



**E130:** Crew is performing dry fitting of fiberglass grating at crossover

**E330 Downtown Bellevue Tunnel:** Sequential Earth Method (SEM) tunneling along 110th Ave. NE in Downtown Bellevue. [Design-bid-build]

Status: Substantial Completion on July 13, 2020. Acceptance Issued on Nov. 17, 2020.

**E335 Downtown Bellevue to Spring District:** Four (4) Light Rail Stations; aerial, at-grade, and retained-cut guideway from Downtown Bellevue, over I-405 to 124th Ave. NE. [Heavy Civil GC/CM]

Status: Substantial Completion and Project Acceptance issued Aug. 23, 2023.

**E340 Bel-Red:** One (1) Light Rail Station, aerial, and at-grade guideway from 124th Ave. NE to NE 20th. [Design-bid-build]

Status: Acceptance issued on March 2, 2023 and working on Final Acceptance.

**E360 SR520 to Redmond Technology Station:** Two (2) Light Rail Stations; one (1) garage, one (1) pedestrian bridge; aerial and retained-cut guideway along SR 520 in the Overlake area of Bellevue and Redmond. [Design-Build]

Status: Achieved Substantial Completion on Sept. 30, 2023 and working on Final Acceptance.

**E750 Systems:** Light rail systems elements, including traction power electrification, overhead catenary system, train signals and communication system. Combined with Northgate Link N830. [Heavy Civil GC/CM].

Status: See following pages under Contract E750.

# **Major Contract Status**

### East Link Major Contract List as of 4/30/2025

Contract Number/Name	Contractor / Consultant	Base Contract Value	Value of Changes / Amendments	Current Contract Value	Incurred Amount incl. Accruals	Amount Remaining	Start Date (NTP)	Completion Date
Completed Contracts								
Civil CE ELE LR&Systems	CH2MHill	\$ 3,960,521	\$ 11,584,326	\$ 15,544,847	\$ 15,544,847	\$ -	2/20/2006	5/28/2009
Civil PE ELE LR&Systems	CH2MHill	\$ 28,257,220	\$ 5,414,315	\$ 33,671,535	\$ 33,671,535	\$ -	5/28/2009	3/25/2019
TrackBridge System Phase 1 & Phase 2	Parson Brinckerhoff	\$ 4,376,072	\$ 10,917,351	\$ 15,293,423	\$ 15,293,423	\$ -	2/28/2011	3/5/2021
R8A-3A I-90 East/North Ramp	Washington Dept. Transportation	\$ 12,200,000	\$ (2,533,067)	\$ 9,666,933	\$ 9,666,933	\$ -	4/23/2013	11/14/2017
120th Roadway Improvement	City of Bellevue	\$ 9,350,728	\$ (1,305,274)	\$ 8,045,454	\$ 8,045,454	\$ -	8/22/2016	5/2/2018
124th Roadway Improvement	City of Bellevue	\$ 10,954,948	\$ (978,396)	\$ 9,976,552	\$ 9,976,552	\$ -	8/12/2019	7/28/2021
E330 - Civil Downtown Bellevue Tunnel	Atkinson	\$ 121,446,551	\$ (1,109,097)	\$ 120,337,454.21	\$ 120,337,454.21	\$ -	2/8/2016	7/13/2020
E130 GC/CM Pre-	Kiewit-Hoffman, A Joint Venture	\$ 4,792,156	\$ 20,306	\$ 4,812,461.6	\$ 4,812,462	\$ -	12/1/2015	9/9/2019
Construction E335 GC/CM Pre-	Stacy and Witbeck / Atkinson	\$ 2,510,215	\$ 421,301	\$ 2,931,516	\$ 2,931,516	\$ -	1/5/2015	4/30/2017
Construction E750 GC/CM Pre-	JV	, , , ,						
Construction	Mass Electric Construction	\$ 1,496,769	\$ (107,918)		\$ 1,388,851	\$ -	1/19/2016	12/31/2018
Follow On Package 2	Combined Construction Inc.	\$ 1,761,420	\$ 264,213		\$ 1,883,734	\$ 141,899	8/7/2023	3/31/2024
Total Completed Contracts				\$ 223,694,660	\$ 223,552,761	\$ 141,899		
In-Progress Contracts								
Contract Number/Name	Contractor / Consultant	Base Contract Value	Value of Changes / Amendments	Current Contract Value	Incurred Amount	Amount Remaining	Start Date (NTP)	Forecast Substantial Completion Date
FD/DSDC - Seattle-Bellevue	Parsons-Brinckerhoff/WSP, USA	\$ 27,885,000	\$ 44,455,767	\$ 72,340,767	\$ 70,981,940	\$ 1,358,827	11/5/2012	6/30/2025
FD/DSDC - Bellevue	НЈН	\$ 4,800,000	\$ 138,673,772	\$ 143,473,772	\$ 142,965,534	\$ 508,238	3/8/2012	9/30/2025
FD/DSDC - System	Hatch	\$ 17,707,707	\$ 9,573,285	\$ 27,280,992	\$ 27,190,658	\$ 90,334	8/1/2012	6/30/2026
FD/DSDC - MI Transit Integration	David Evans Associates	\$ 709,239	\$ 414,272	\$ 1,123,511	\$ 1,099,360	\$ 24,151	10/25/2019	6/30/2025
CMC - Seattle - Bellevue	Jacobs PM Co.	\$ 4,721,795	\$ 103,697,555	\$ 108,419,350	\$ 100,136,604	\$ 8,282,746	12/21/2015	1/31/2026
CMC - Bellevue	HDR Engineering Inc.	\$ 3,445,455	\$ 121,994,545	\$ 125,440,000	\$ 123,880,678	\$ 1,559,322	9/12/2014	6/30/2026
DBPM - Redmond	Hill International	\$ 898,636	\$ 21,345,384	\$ 22,244,020	\$ 22,223,229	\$ 20,791	12/10/2014	9/30/2025
CMC - Systems	Northwest Transit System Partners - NWTSP	\$ 25,455,931	\$ 16,254,230	\$ 41,710,161	\$ 38,163,833	\$ 3,546,328	8/15/2016	4/30/2025
E130 Civil / Seattle - Bellevue	Kiewit-Hoffman, East Link Constructors	\$ 665,000,000	\$ 79,890,316	\$ 744,890,316	\$ 740,353,200	\$ 4,537,116	3/15/2017	9/30/2025
E135 Civil - Mercer Island Transit Integration	Johansen Construction CO.	\$ 5,922,391	\$ 496,658	\$ 6,419,049	\$ 6,419,049	\$ -	2/7/2022	12/31/2024
E320 Civil - S.Bellevue	Shimmick-Parsons, Joint Venture	\$ 321,098,000	\$ 44,371,973	\$ 365,469,973	\$ 365,069,973	\$ 400,000	12/1/2016	6/30/2023 *1
E335 Civil - Belllevue	Stacy and Witbeck/Atkinson JV	\$ 228,398,210	\$ 219,857,032	\$ 448,255,242	\$ 448,255,242	\$ -	4/24/2017	8/23/2023
E340 Civil Bell-Red	Max J. Kuney Co.	\$ 93,170,012	\$ 19,833,241	\$ 113,003,253	\$ 113,003,253	\$ -	2/24/2017	9/30/2022 *1
E360 Civil Redmond	Kiewit Hoffman	\$ 225,336,088	\$ 5,757,453	\$ 231,093,541	\$ 231,083,520	\$ 10,021	7/13/2016	9/30/2023 *1
E750 Systems	MEC	\$ 255,768,128	\$ 84,779,570	\$ 340,989,930	\$ 324,219,272	\$ 16,770,658	6/12/2017	5/31/2025
152nd/24th Improvement	City of Redmond	\$ 1,338,822	\$ -	\$ 1,338,822	\$ 1,338,822	\$ -	4/1/2018	12/31/2024
Follow On Package 1	Howard S. Wright	\$ 2,617,791	\$ 10,892,669	\$ 13,510,460	\$ 12,327,546	\$ 1,182,914	3/13/2023	7/4/2025
Fare Collection (TVM/Wayside Readers)	INIT	\$ 2,981,549	\$ -	\$ 2,981,549	\$ 1,992,805	\$ 988,744	~ 2021	timed for RSD
Customer/ Passenger Signage	Tube Art	\$ 4,174,894	\$ 31,265	\$ 4,519,372	\$ 2,662,910	\$ 1,856,462	~ 2022	5/31/2027
Misc. Start-Up & Station Maintenance	CBRE	\$ 2,404,602	\$ 3,136,356	\$ 5,540,958	\$ 3,280,626	\$ 2,260,332	~ 2022	4/30/2026
ELE Mitigation Project - 76th Ave SE & 80th Ave SE	TITAN Earthworks	\$ 3,070,644	\$ 208,553	\$ 3,279,197	\$ 2,620,843	\$ 658,354	5/31/2024	5/20/2025
Total In-Progress Contracts				\$ 2,823,324,235	\$ 2,779,268,897	\$ 44,055,338		

Notes: \*1 Contract not closed out, residual work or warranty works remains.

 $<sup>^{\</sup>star}$  Where applicable, Contract Value includes Betterments & ST Art.

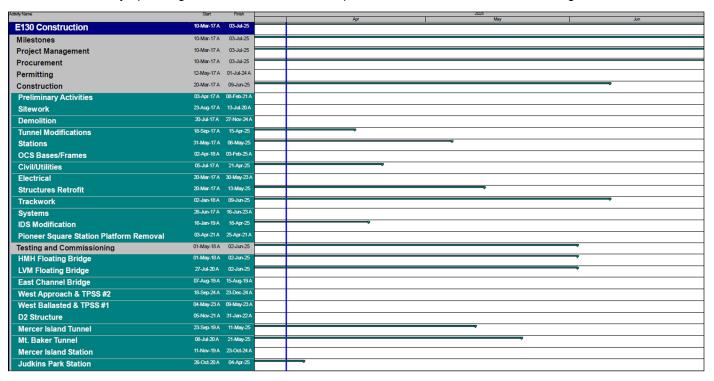
# Contract E130 - Seattle to South Bellevue Heavy Civil GC/CM

# **Current Progress**

- West Segment: Progress submittal of jet fan test data for Mt Baker Tunnel; ongoing track remediation, including thermite weld grinding and emergency guardrail installations.
- **Center Segment:** Ongoing cathodic protection maintenance on floating bridge; continue track remediation including polyurea application, bolt torquing, insert replacement, and installation of rail anchors.
- **East Segment:** Substantial Completion granted; ongoing punchlist/maintenance; continue final jet fan testing, Mercer Island Tunnel.

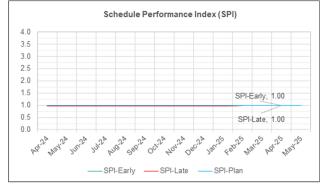
# Schedule Summary

The contractor's March schedule update forecasts a June 2, 2025 substantial completion; 460 calendar days later than the contractual milestone date of February 28, 2024. The contractor's April schedule update has been received and is still in initial review. The critical path to substantial completion runs through the trackwork on the floating bridge and then through the handover of the floating bridge to the E750 systems contractor. The E130 and E750 teams are currently operating under a coordinated work plan to achieve overall schedule savings.



#### Schedule Performance Index

The E130 contract substantial completion date was originally scheduled for Q4 2020 and is currently forecast to occur in Q2 2025. Remaining critical work to achieve substantial completion includes reconstruction of nonconforming direct fixation track work, replacement of nylon inserts, and other Non-Conformance Report (NCR) work. By definition, at substantial completion the schedule performance index is 1.0, because all planned work is completed.



### **Next Period's Activities**

- West Segment: Track remediation, punchlist; planting and landscape punchlist; install crossing panel ramps at International District Station.
- **Center Segment:** Cathodic protection auto-potential process; rail remediation punchlist.
- East Segment: Remaining punchlist activities, installation of pedestrian panels at Mercer Island Tunnel.

### **Closely Monitored Issues**

- Completion of track reconstruction.
- Final rail alignment survey discrepancies.
- · Resolution of commercial issues.
- Closeout and transition to operations.
- Integrated E130/E750/SIT Readiness schedule.

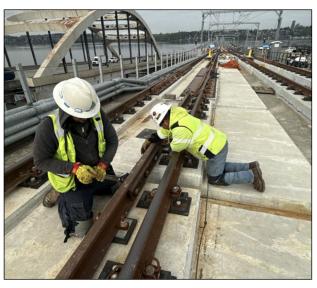
# **E130 Construction Segments**



# **Cost Summary**

Present Financial Status	Amount*					
E130 Contractor - Kiewit-Hoffman						
Original Contract Value (incl. Phase 2 MACC)	\$665,000,000					
Change Order Value	\$79,890,316					
Current Contract Value*	\$742,965,975					
Total Actual Cost (Incurred to Date)	\$740,353,200					
Percent Complete	99.4%					
Authorized Contingency	\$85,660,541					
Contingency Drawdown	\$79,890,309					
Contingency Index	1.07					

<sup>\*</sup> Contract Value excludes Betterments



Crews adjusting bolts on the east approach track emergency guardrail

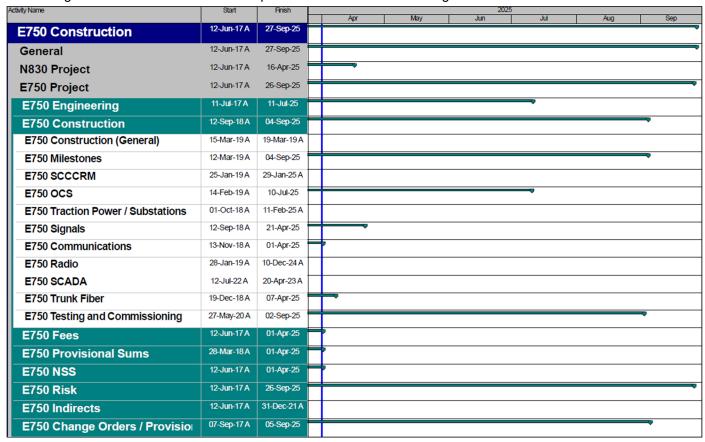
# Contract E750 – Systems Heavy Civil GC/CM

# **Current Progress**

- System integration testing (SIT) and punch list items between South Bellevue and Redmond Technology Stations (East Link Starter Line) is complete; 2-Line opened for service on April 27, 2024.
- Continuing overhead catenary system (OCS) and signals installations as track and guideway is available in coordination with the E130 contractor.

# Schedule Summary

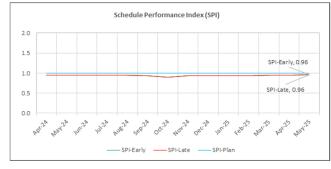
The contractor's March schedule forecasts a August 19, 2025 Substantial Completion date; 324 calendar days later than the contractual milestone date of September 29, 2024. The March schedule update is still in the initial stage of review. The April schedule has not yet submitted. The critical path for this contract continues to be driven by track handover from the E130 civil contractor, which is significantly delayed. The E130 and E750 contractors are continuing to maintain a coordinated work plan to achieve schedule savings.



#### Schedule Performance Index

E750 contract substantial completion date anticipated to occur in Q3 2025. The SPI-Early and SPI-Late is 0.96. The SPI index indicates the contractor is behind early/late planned work compared to the baseline plans.

The lag is due to delayed access to civil segments, primarily within the I-90 segment. The East Link team continues to monitor and evaluate various mitigation options should the late plan slip further.



### **Next Period's Activities.**

- Reinstalling systems work removed on I-90 work for the replacement of the direct fixation track.
- Commencing System Integration Testing on the floating bridge portion of the I-90 segment.

# **Closely Monitored Issues**

- Timing for completion of system integration testing.
- Completion of the stray current monitoring system for the floating bridge.



# **Cost Summary**

Present Financial Status	Amount					
E750 Contractor - Mass Electric Construction Co.						
Original Contract Value	\$255,768,128					
Change Order Value	\$85,221,802					
Current Contract Value	\$340,989,930					
Total Actual Cost (Incurred to Date)	\$324,219,272					
Percent Complete	95.1%					
Authorized Contingency	\$100,788,406					
Contingency Drawdown	\$85,221,802					
Contingency Index	1.3					

<sup>\*</sup>The N830 and E750 Systems is a joint procurement. The table above represents E750 Systems only.



I-90 Signals Installations

# **Project Summary**

Design, manufacturing, assembly,

inspection, testing and delivery of 162 low

Scope floor LRVs for predominantly service

requirements of Northgate, East Link and Lynnwood Link, Federal Way and

Downtown Redmond Extensions.

Phase Manufacturing, delivering, testing &

\$836.9 Million (Baseline Sept 2015, 122

Budget LRVs; Amended Apr 2017, 152 LRVs;

Amended Nov 2023, 162 LRVs)

Baseline Conditional Acceptance

Schedule (fleet enters revenue service)

152nd LRV: Q4 2025

162nd LRV: Q1 2028



Conditionally Accepted Siemens light rail vehicle placed into service

# **Key Project Activities**

- Continued Series 2 LRV deliveries to ST's Operations and Maintenance Facilities (OMF) East One LRV was
  delivered this month.
- Continued Conditional Acceptance (CA) activities on delivered Series 2 LRVs at ST's OMF Central One LRV was CA this month.
- Continued final assembly of Series 2 LRVs in Siemens' Sacramento facilities. 3 of the 10 additional 10 Series 2 LRVs' car shells assembly in progress.
- A total of 60 Series 1 LRVs were ATP retrofitted. The last 2 Series 1 LRVs ATP were retrofitted by Siemens at OMF East. Mainline testing is pending for these two cars.

# **Closely Monitored Issues**

- Eighteen fleet defects have been declared (four closed); the commissioning team efforts in responding to defects
  is contributing to delay in CA of additional LRVs. ST is working closely with Siemens to resolve and provide
  vehicle maintenance support.
- Limited OMF Central yard storage capacity in 2025 may affect recovery schedule, preventative maintenance or spares available to support peak service. Siemens' LRV delivery and onsite Series 1 & 2 LRVs transportation between OMF East and OMF Central is continuously managed and monitored.
- Manufacturer continued reporting supply chain interruptions impacting implementation of field modification instructions. Meeting weekly with Siemens to monitor progress.

# **Project Cost Summary**

The LRV Fleet Expansion Project has an approved baseline budget of \$836.9 M. The project cost is summarized into two cost tables. The first table is in accordance with Sound Transit's Work Breakdown Structure (WBS) displaying the cost summary by phase. The second table summarizes project cost by SCC, in accordance to the FTA Standard Cost Categories (SCC) format. Both tables show figures in millions.

This period approximately \$4.3M was incurred, bringing the total expenditure to date at \$669M. The majority of the cost attributed to the vehicles phase at approximately \$640.2M (approximately 96% of cost to date are attributable to the LRV manufacturing.) This period the project continues to forecast an Estimated Final Cost of \$836.9M.

### **Cost Summary by Phase**

Project Phase	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
Administration	\$18.0	\$18.0	\$10.5	\$10.5	\$18.0	\$0.0
Construction Services	\$31.7	\$31.7	\$25.2	\$18.3	\$31.7	\$0.0
Vehicles	\$787.2	\$787.2	\$754.8	\$640.2	\$787.2	\$0.0
Total	\$836.9	\$836.9	\$790.5	\$669.0	\$836.9	\$0.0

#### **Cost Summary by SCC**

SCC Elements	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
Construction Subtotal (SCC 10 - 50)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
60 ROW, Land, Existing Improvements	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
70 Vehicles	\$783.3	\$791.2	\$761.6	\$643.5	\$791.3	(\$0.2)
80 Professional Services	\$47.2	\$40.0	\$28.9	\$25.4	\$39.9	\$0.2
90 Contingency	\$6.3	\$5.7	\$0.0	\$0.0	\$5.7	\$0.0
Total (SCC 10 - 90)	\$836.9	\$836.9	\$790.5	\$669.0	\$836.9	\$0.0

Tables across this report may have totals that do not equal line item sums due to decimal rounding.

# **Contingency Management**

The project's budget was baselined in September 2015 and amended in April 2017 with \$78.0M of Total Contingency. This period the Total Contingency balance remains unchanged for a total of \$40.4M, an amount that approximates 31.7% of remaining work budgeted in the project.

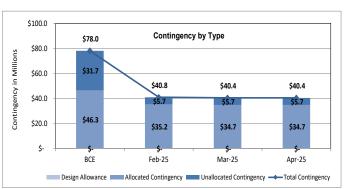
**Allocated Contingency (AC)** is used to address risks, complexity and unforeseen conditions during the execution of work, including procurement. The project baseline's allocated contingency was \$46.3M. This period the allocated contingency balance remained unchanged at approximately \$34.7M.

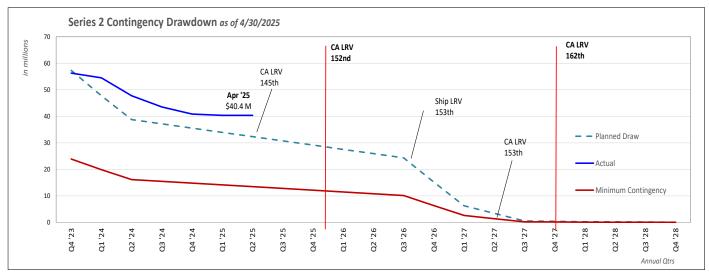
**Unallocated Contingency (UAC)** is used to address general project-wide cost risks and uncertainties. The current UAC balance remains unchanged at approximately \$5.7M.

#### **Contingency Status**

Contingency	Ba	seline	Current		
Status	Amount % of Total Budget		Remaining Amount	% of Work Remaining	
Design Allowance	\$0.0	0.0%	\$ -	0.0%	
Allocated Contingency	\$46.3	6.3%	\$ 34.7	27.2%	
Unallocated Contingency	\$31.7	4.3%	\$ 5.7	4.5%	
Total	\$78.0	10.7%	\$ 40.4	31.7%	

### **Contingency Type**





# Risk Management

The following are the top project risks:

- Delay in East Link rail access between OMF Central and OMF East results in cost and schedule inefficiency.
- Receiving Series 2 LRVs at OMF East before trucking to OMF Central create cost inefficiency and increased
  risk of double handling of LRV, as not all testing and commissioning activities can be performed at OMF East
  currently.
- The rate of Conditional Acceptance of Series 2 LRVs is sensitive to impacts from the risks described above.
   Any major strain imposed by these factors could affect the rate of Conditional Acceptance and potentially impact pre-revenue service start dates of Link extension projects.

# **Project Schedule**

Percent complete of the contract payment milestones is calculated at 84.5% (last month was 83.9%).

The summary schedule below supports each of the project startup needs by identifying Conditional Acceptance (CA) testing of Light Rail Vehicles (LRVs) from Siemens' March 2025 schedule update.

CA of 142 LRVs has been completed to support revenue service.

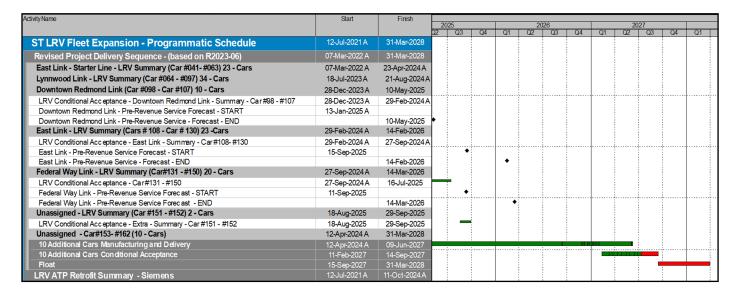
One (1) CA was completed in April and one (1) total LRVs are currently in acceptance testing.

The remaining delivery, commissioning, and testing of the 150 LRV order is projected to be complete in August 2025. The Conditional Acceptance of the final two (2) LRVs (#151-152) is expected in September 2025 due to availability of components during the final assembly of these LRVs. The team will be evaluating the schedule milestones in Q3 of this year.

For the 10 additional LRVs added to the contract (#153-162), production will start on the first car in Q2 2025, and the schedule continues to reflect that the last LRV (#162) will be conditionally accepted by Q4 2027.

# **Critical Path Analysis**

The critical path is completing the on-site vehicle performance qualification test, acceptance testing, and burn-in of all LRVs that have been delivered to the Sound Transit sites.

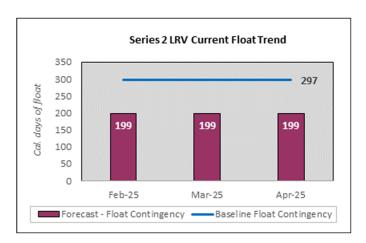


# **Project Float**

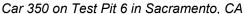
The Series 2 LRV Fleet Expansion project was re-baselined with 297 days of program float in December 2023.

The schedule float is measured against completion of Conditional Acceptance of all cars of the option for 10 additional LRVs (#153-162).

This month there is 199 days of float remaining, which reflects the availability of components during the final assembly of these LRVs.









Car 353 car shells construction in Sacramento, CA

LRV Delivery and Testing Progress as of April 30, 2025							
LRV status  Received / Delivered  Received / Testing In Progress Accepted  Conditionally Accepted Services							
*Planned	152	6	146	146			
Actual (Seattle)	133	1	132	132			
Actual (Bellevue)	12	2	10	10			

<sup>\*</sup> Updated based on the Final Term Sheet revised schedule signed between ST and Siemens in June 6, 2024.

# **Staffing Summary**

The planned Full-Time Equivalent (FTE) is an annual projection of ST project staff and consultants. Planned FTE is an annual projection and remains constant from month to month. The Year-to-Date (YTD) Performance is the total actual FTEs accumulated through this reporting period. Staffing status is summarized in the following table.

The planned FTE monthly average is the monthly annualized average; whereas, the YTD monthly average only reflects the actuals for month ending April 2025. The variance are minor and likely attributed to ST staff cross charge. The aggregation of administrative time offs among ST staff and consultants should average out.

Resource Type	Planned FTE Monthly Average*	YTD Actual FTE Monthly Average	Variance
ST Staff	6.1	4.9	1.2
Consultants	7.3	5.4	1.9
TOTAL	13.4	10.3	3.1

<sup>\*</sup> An FTE is the equivalent of 1,920 hours. YTD performance FTE hours are divided by a monthly factor of 160.

#### **Sound Transit Board Actions**

Board Action	Description	Date
	No action this period.	



# CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY (SOUND TRANSIT)

# **TIFIA LOAN AGREEMENT**

# **MONTHLY REPORT**

**April 2025** 

For the

FEDERAL WAY LINK EXTENSION PROJECT (TIFIA-2021-1013A, Issued Date: 09/10/2021)

# **TIFIA Project Cost Summary by SCC**

(As of 04/30/2025; figures in million dollars)

SCC Element	Revised TIFIA Application Budget	Authorized Project Allocation	Commitment to Date	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs EFC Budget	TIFIA vs EFC Budget
10 Guideway & Track	\$523.0	\$532.5	\$510.6	\$493.9	\$520.1	\$12.4	\$2.9
20 Stations	\$318.9	\$319.1	\$312.7	\$297.9	\$312.8	\$6.3	\$6.1
30 Support Facilities	\$5.3	\$11.3	\$12.0	\$11.5	\$12.0	(\$0.7)	(\$6.6)
40 Sitework & Special Conditions	\$542.5	\$565.0	\$505.3	\$468.4	\$600.0	(\$34.9)	(\$57.5)
50 Systems	\$153.8	\$136.0	\$130.2	\$125.4	\$131.4	\$4.6	\$22.4
Construction Subtotal (10 - 50)	\$1,543	\$1,564	\$1,471	\$1,397	\$1,576	(\$12)	(\$33)
60 Row, Land	\$341.6	\$287.7	\$245.1	\$242.9	\$257.5	\$30.3	\$84.1
70 Vehicles	\$99.2	\$102.5	\$97.1	\$86.9	\$102.5	(\$0.0)	(\$3.3)
80 Professional Services	\$386.6	\$513.5	\$426.3	\$421.5	\$500.2	\$13.3	(\$113.5)
90 Unallocated Contingency	\$637.4	\$540.8	\$0.0	\$0.0	\$81.5	\$459.3	\$555.9
Total (10 - 90)	\$3,008	\$3,008	\$2,239	\$2,148	\$2,518	\$491	\$491

#### TIFIA reporting nuances:

- 1) Excludes Finance Charges
- 2) Includes all project actuals (including Project Development actuals); and LRV Series 2.

# **Project Summary**

Scope

Limits The Federal Way Link Extension (FWLE)

adds approximately 7.8 miles of light rail from the Angle Lake Station in the City of SeaTac

to the Federal Way City Center.

Alignment The extension generally parallels SR 99 and

I-5 freeway.

Stations Station and garages at Kent Des Moines

(KDM), Star Lake (SL), and Federal Way

Downtown (FWD)

Systems Signals, traction power, and communications

(SCADA)

Phase Final Design/Construction

**Budget** \$2.45 Billion (Baseline Sept 2018)

Schedule Baseline Revenue Service Date: Dec 2024

FTA Recovery Plan Service Date: Dec 2026 \*

\*If there are changes it will be reflected in

future reports.



Map of Federal Way Link Extension

# **Key Project Activities**

- System Integrated Testing (SIT) on the north segment of alignment is nearing completion. SIT has begun on south segment.
- FWLE team continues minor utility relocations needed on FWLE project.
- Project team continues to work with City of Federal Way on permit issues.
- Project team continues to work with City of SeaTac, Des Moines, and Kent on permit closure.
- Project team is advancing the preparation of the O&M Agreement with WSDOT.
- Project team conducting community outreach for residents qualified for the Residential Sound Insulation Program (RSIP).
- Ongoing ROW acquisition and relocations continue and some related to Traffic Mitigation (F210).
- Construction activities (permitting, wetland, and utility coordination) are ongoing for Traffic Mitigation construction contract (F210).

# **Closely Monitored Issues**

None.

# **Project Cost Summary**

The project cost is summarized below in two cost categories; first cost table in accordance with Sound Transit's budget Work Breakdown Structure (WBS) and second cost table in accordance with the FTA's Standard Cost Categories (SCC) format. The figures in both tables are shown in millions. The tables below represent the Board-authorized FWLE project budget. Vehicles, P65 contingency, and finance charges included in the FTA FFGA budget of \$3.1B are not shown.

This period approximately \$14.5M was incurred, bringing the total expenditure to date at \$2,063M.

This period the project continues to forecast an Estimated Final Cost of \$2,420M with a budget underrun of \$31.2M.

\*NOTE: Incurred this Month does not include LRV cost.

### **Cost Summary by Phase**

Project Phase	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred this Month*	Incurred to Date*	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
Administration	\$96.5	\$111.5	\$72.3	\$1.2	\$71.4	\$111.5	\$0.0
Preliminary Engineering	\$46.5	\$46.1	\$45.4	\$0.0	\$45.4	\$45.4	\$0.7
Final Design	\$3.1	\$7.2	\$5.0	\$0.0	\$4.8	\$7.2	\$0.0
Construction Services	\$107.0	\$164.2	\$139.6	\$4.4	\$139.6	\$164.2	\$0.0
3rd Party Agreements	\$27.7	\$44.0	\$31.5	\$0.2	\$28.8	\$43.7	\$0.3
Construction	\$1,831.9	\$1,790.7	\$1,606.8	\$8.4	\$1,530.0	\$1,790.7	\$0.0
ROW	\$338.8	\$287.7	\$245.1	\$0.4	\$242.9	\$257.5	\$30.3
Total	\$2,451.5	\$2,451.5	\$2,145.7	\$14.5	\$2,063.0	\$2,420.3	\$31.2

# **Cost Summary by SCC**

SCC Element	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred this Month*	Incurred to Date	Estimated Final Cost (EFC)	Author- ized Allo- cation vs. EFC
10 Guideway & Track	\$523.0	\$532.5	\$510.6	\$2.5	\$493.9	\$520.1	\$12.4
20 Stations	\$318.9	\$319.1	\$312.7	\$2.3	\$297.9	\$312.8	\$6.3
30 Support Facilities	\$5.3	\$11.3	\$12.0	\$0.1	\$11.5	\$12.0	(\$0.7)
40 Sitework/Special Condition	\$558.4	\$565.0	\$505.3	\$2.4	\$468.4	\$600.0	(\$34.9)
50 Systems	\$153.8	\$136.0	\$130.2	\$0.9	\$125.4	\$131.4	\$4.6
Construction Subtotal(10-50)	\$1,559.4	\$1,563.9	\$1,470.8	\$8.2	\$1,397.2	\$1,576.2	(\$12.3)
60 ROW, Land	\$341.6	\$287.7	\$245.1	\$0.4	\$242.9	\$257.5	\$30.3
70 Vehicles	\$1.8	\$5.0	\$3.5	\$0.0	\$1.5	\$5.0	\$0.0
80 Professional Services	\$370.7	\$513.5	\$426.3	\$5.9	\$421.5	\$500.2	\$13.3
90 Unallocated Contingency	\$178.1	\$81.5	\$0.0	\$0.0	\$0.0	\$81.5	\$0.0
Total (10 - 90)	\$2,451.5	\$2,451.5	\$2,145.7	\$14.5	\$2,063.0	\$2,420.3	\$31.2

Tables across this report may have totals that do not equal line item sums due to decimal rounding.

# **Contingency Management**

The FWLE project budget was baselined in September 2018 with a total contingency of \$549.9M. The current contingency balance is \$235.1M. Additional contingency of \$459.3M (FTA P65 requirement in FFGA) is not reflected in the below contingency status but resides in ST Financial Plan.

**Allocated Contingency (AC)** is used to address risks, complexity, and unforeseen conditions during the execution of work, including procurement. This period the AC balance decreased by \$1.7M due mostly to F200 executed change orders. The AC contingency balance is \$153.6M.

**Unallocated Contingency (UAC)** is used to address general project-wide cost risks and uncertainties. During this period the UAC balance remained unchanged at \$81.5M.

	Base	eline	Current Status		
Contingency Status	Amount % of Total Budget		Remaining Amount	% of Work Remaining	
Design Allowance	\$139.6	5.7%	\$0.0	0.0%	
Allocated Contingency	\$232.2	9.5%	\$153.6	100.2%	
Unallocated Contingency	\$178.1	7.3%	\$81.5	53.1%	
Total:	\$549.9	22.4%	\$235.1	153.3%	

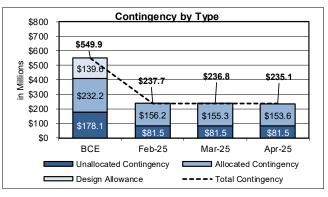
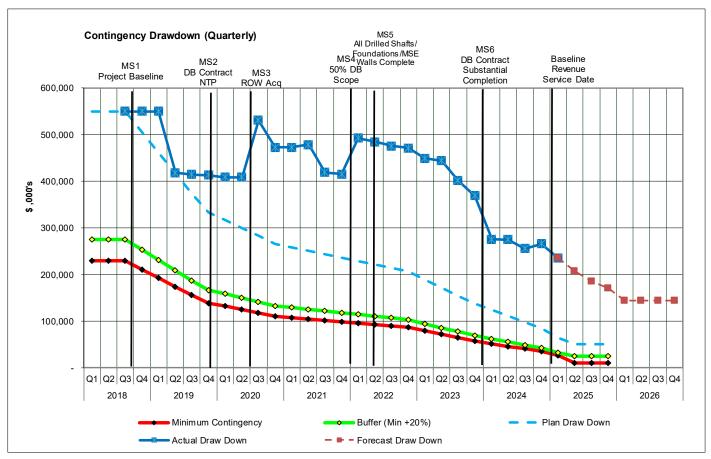


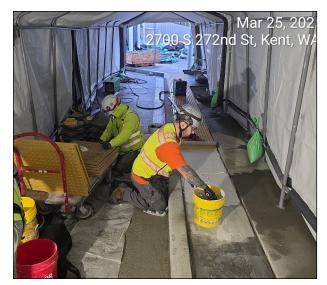
Table figures are shown in millions.



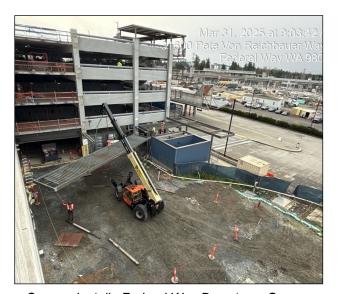
# **Risk Management**

Changes to the projects top risks are reflected below:

- Lack of Resources: Preceding project (ELE) opening late, results in inadequate or competing resources for completing SIT and moving through Pre-Revenue into simulated service.
- Late Changes: The integration of additional requirements for facilities and/or systems (by ST) could result in increased costs, as well as impacts to construction completion.
- Performance: Low productivity and inefficient performance by the Contractor could lead to schedule delays and increased cost.
- **Third Party Issues:** Delays to permits/stop work by City of Federal Way for code discrepancies and development agreement interpretation may require change orders to resolve.
- Theft: Theft occurring throughout the alignment.
- **Staff:** Due to the short interval between Eastlink and Federal Way link completion, passenger facing technology, and Operation Performance Reporting (OPR) updated, a delay may occur.
- **Staff:** Due to ST personnels moving between positions, term limited position for Operation Performance Reporting (OPR) may be delayed.
- **Utility/Permits:** As a result of Third Party utility relocation delays for Traffic Mitigation (F210), unanticipated requirements and permitting delays may occur.
- Project Testing: System Integration Testing( SIT) may take longer than what's shown on the CPM schedule
  due to testing failure.
- Permitting Process: Permitting process taking longer than expected with AHJ's impacts the Traffic Mitigation construction contract.



Star Lake Station Bus Loop Paving Tile Installation



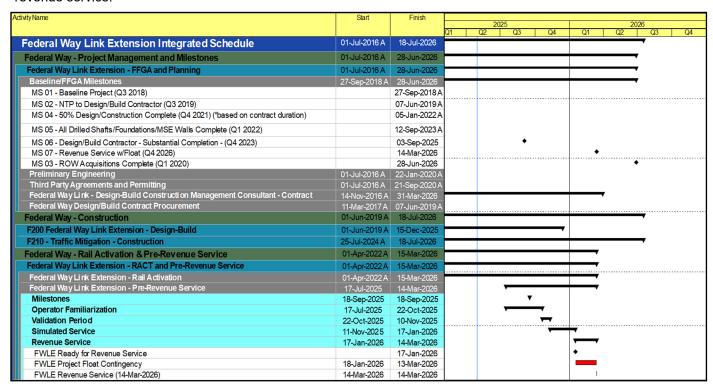
Canopy Install- Federal Way Downtown Garage

# **Project Schedule**

The weighted percent complete of major construction contracts this month is 96.5% (last month was 95.8%).

The snapshot below shows the project schedule through April. This accounts for the time and cost impact of the F200 Structure C Long Span. FFGA Milestone #7 represents an internally set "target" Revenue Service Date. Currently, the project is forecast to be ready for revenue service 69 days in advance of the March 2026 target.

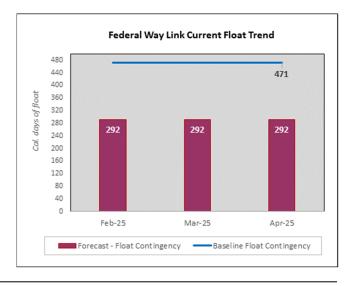
FFGA Milestone #3 is trending Q2 2026 due to delays in F200 ROW acquisitions, which do not impact the critical path. Notice to Proceed was issued in January 2025 for the F210 traffic mitigation project, with an anticipated Acceptance date one year later in January 2026. Currently, F210 is experiencing permitting impacts in some work areas that may cause them to miss their paving window for this fall, pushing contract completion into mid-2026. ST and the contractor are currently exploring mitigation options; this work does not impact the ability to enter into revenue service.



# **Project Float**

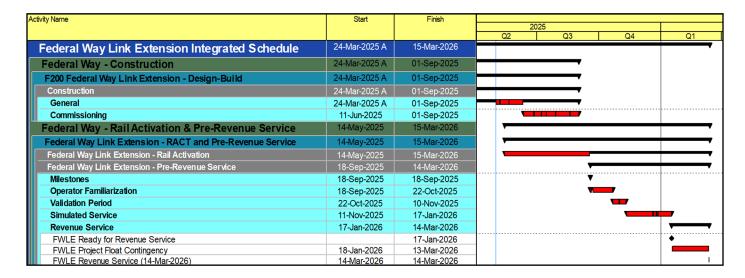
The project's Recovery Plan includes 471 days of project float for a Revenue Service Date of December 31, 2026.

Currently, the project is forecast to enter revenue service by March 14, 2026, with 292 days of float remaining.



# **Critical Path Analysis**

The critical path to revenue service currently runs through the completion of System Integration Testing critical to the start of pre-revenue service. The Forecast RSD is March 14, 2026, which currently includes 55 days of project float contingency.



# **Major Contract Status**

Contract Number	Contract Name	Contractor / Consultant	Base Contract Value	Value of Changes / Amendments	Current Value	Expended Amount	Start Date (NTP)	Completion Date	Status
Completed Contracts					\$ 49,134,189	\$ 48,960,681			
RTA/SW 0121-18	FWLE- Advance Demo Contract	A& D Quality Constr. Company	\$ 128,750	\$ 8,918	\$ 137,668	\$ 137,668	Jan-19	Jul-19	Done
RTA/AE 0044-12	Federal Way Transit Extension Architectural and Engineering Services	HDR Engineering, Inc	\$ 3,200,421	\$ 45,933,768	\$ 49,134,189	\$ 48,960,681	Jun-12	Dec-24	Done
In-Progress Contract	s				\$ 1,717,429,512	\$ 1,643,787,715			
RTA/AE 0021-21	Traffic Mitigation Final Design & DSDC	David Evans & Associates	\$ 1,179,063	\$ 1,727,126	\$ 2,906,189	\$ 2,744,632	Nov-21	Mar-26	Open
RTA/AE 0008-17	DesignBuild Project Management Services for Federal Way Link Extension Phase 1 and 2A, 2B	South County Transit Partners (SCTP)	\$ 4,604,473	\$ 134,784,496	\$ 139,388,969	\$ 139,515,639	Mar-18	Jun-26	Open
RTA/CN 0009-17	F200 Angle Lake to FWTC Design-Build	Kiewit Infrastructure West Co	\$ 1,285,200,000	\$ 320,337,636	\$ 1,539,865,493	\$ 1,483,910,007	Jun-19	Jan-26	Open
RTA/RP 0186-19	Capital Signage	Tube Art Displays	\$ 2,504,937	\$ 229,207	\$ 2,734,144	\$ 122,031	May-20	Dec-25	Open
	Cumulative Utility Relocation	Multiple Parties			\$ 20,886,576	\$ 16,196,621	varies	varies	Open
RTA/CN 0015-24	F210 Traffic Mitigation Improvement Construction	Stacy & Witbeck	\$ 11,648,140	\$ -	\$ 11,648,140	\$ 1,298,785	Jan-25	Jan-26	Open
Planned Contracts					\$ 1,000,000	\$ -			
	PSE Fiber	TBD			\$ 1,000,000				Agr pending
				Contract Totals	\$ 1,767,563,701	\$ 1,692,748,396			

# Right-of-Way

The Right-of-Way effort for this project involves the acquisition of a range of property interests which includes compensable (e.g. fee acquisitions, guideway easements, permanent easements and temporary construction easements) and non-compensable rights (e.g. rights of entry). These acquisitions will result in owner and tenant residential and commercial relocations.

The Right-of-Way program status for this period is summarized in the following table.

	Federal Way Link Extension Property Acquisition Status							
		ACQUISI"	RELOCATION					
	Total Board Acquisitions* Approved*		Offers Made to date	Closings to date	Relocations Required	Relocations Completed to date		
ĺ	272	371	454	440	445	443		

<sup>\*</sup>All numbers are cumulative totals, except where noted. Total number may differ from other reports due to timing of report periods.

Total Acquisitions: Defined as parcels recognizing only land, not owners.

Board Approved: Based on parcels and properties (including multi-unit acquisitions).

Offers/Closings: Based on inclusive offers made to separate owners and interest holders.

Relocations: Based on number of affected individuals, in the case of FWLE 18 parcels added for traffic mitigation and 5 parcel added to board approved April 1, 2022.

# **Community Engagement**

- FWLE Engagement team has coordinated and planned the Federal Way Touch A Truck event.
- FWLE engagement team conducted engagement on the Federal Way Transit Center demo.
- Continued Temporary Construction closeout/ activation coordination with property owners.



Aerial view of Downtown Federal Way TC construction

# **Staffing Summary**

The planned Full-Time Equivalent (FTE) is an annual projection of ST project staff and consultants, represented as a constant over the year. The Year-to-Date (YTD) Performance is the total actual FTEs accumulated through this reporting period. Staffing status is summarized in the following table.

Overall the project FTE is trending above the staffing plan for this period. DBPM utilization is dependent on the efforts to manage construction. This period the monthly average is trending over the plan and is predicted to continue to go over the plan as the project approaches revenue service date in 2026.

Resource Type	Planned FTE Monthly Average	YTD Actual FTE Monthly Average	Variance	
ST Staff	44.3	44.6	(0.3)	
Consultants	71.2	73.7	(2.5)	
TOTAL	115.5	118.3	(2.8)	
* An ETE is the equivalent of 1 020 hours, VTD performance ETE hours are divided by a monthly factor of 160				

<sup>\*</sup> An FTE is the equivalent of 1,920 hours. YTD performance FTE hours are divided by a monthly factor of 160.

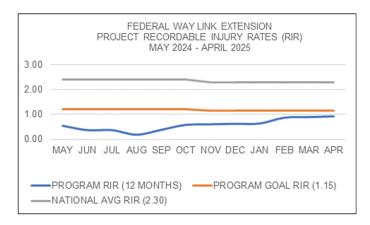
### **Sound Transit Board Actions**

<b>Board Action</b>	Description	Date
	No action this period.	

# **Construction Safety**

#### \* Link to KPI

Monthly KPI	Construction Safety	Project Monthly <sup>1</sup>	Project Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average <sup>4</sup>	Notes	
•	Recordable Injury Rate (RIR)	0.00	0.94 <sup>5</sup>	1.15	2.30	There were no recordable or lost	
	Lost-Time Injury Rate (LTIR)	0.00	0.24 <sup>6</sup>	0.50	1.00	time incidents reported in April.	





#### Notes:

- 1. Project Monthly rates based on monthly safety data. Due to the timing of contractor's reporting periods, the current month's numbers above are a combination of actuals and estimates. The number from the previous month are reconciled and replaced with actuals the following month.
- 2. Project Average rates based on 12-month rolling average.
- 3. Program Goal is <50% of the National average of RIR/LTIR.
- 4. National Average RIR/LTIR is based on the annual Bureau of Labor Statistics data for Construction.
- 5. For reference the Project Average RIR (0.94) is 18.0% below the Program Goal and 59.0% below the National Average.
- 6. For reference the Project Average LTIR (0.24) is 52.9% below the Program Goal and 76.5% below National Average.

# F200 Design Build Contract

# **Current Progress**

Status at the close of April 2025, the baseline schedule confirmed completion: Contract total = 96.5% (last month was 95.8%); see Project Schedule section for reason. Significant construction progress occurred on all segments in relation to the Guideway (track construction, systems, superstructure, substructure and commissioning). Construction progressed for KDM Station & Garage, Star Lake Station & Garage and FWD garage, station, and End of Line Facility.

#### Design:

All design packages are Issue For Construction (IFC).

#### **Construction:**

- Ballasted Track: Complete
- KDM Station (100% complete): Platform and plaza levels, exterior/interior elements. Testing & Commissioning.
- KDM Garage (100% complete): Finish work, Punchlist activities, and commissioning.
- Star Lake Station (97% complete): Extensive work on East/West Platform and Plaza levels. Testing & Commissioning.
- Star Lake Garage (99.9% complete): Extensive work on interior/exterior elements. Testing & Commissioning.
- Star Lake Ancillary Building: Testing and Punchlist activities.
- FWD Station (99.2% complete): Extensive work on North/South surface/platform levels. Testing & Commissioning.
- FWD Garage modification (94.6% complete): Extensive work on interior/exterior elements. Testing & Commissioning.
- Testing and Commissioning.
- End of Line Facility: Work on both interior/exterior elements. Testing & Commissioning.



Shoulder Restoration

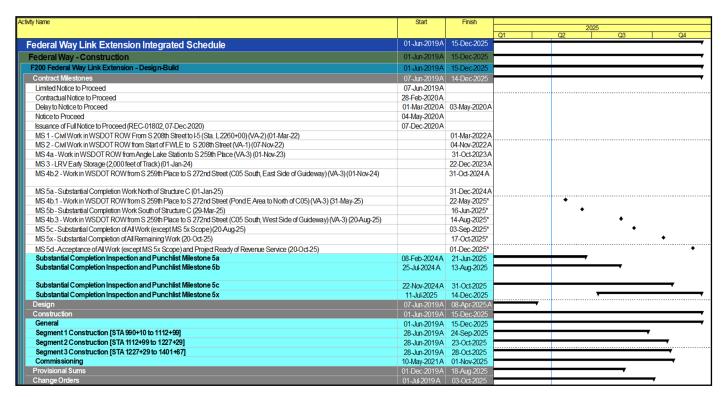


Concrete Side Walk Pour- Federal Way Downtown

#### Link light rail Federal Way Link Extension

#### **Schedule Summary**

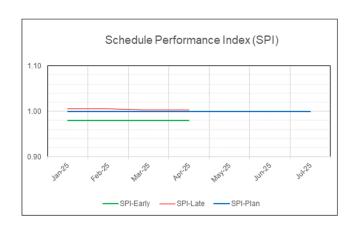
The schedule below represents the April 2025 CPM update. The weighted percent complete of major construction contracts is at 96.5% (last month was 95.8%). The Structure C Long Span impact and optimized contract milestones per change order #181 have been incorporated into the F200 schedule. All of the IFC design packages have been completed. As-built documentation and other design support work will continue until the end of the project. The Design-Builder continues to progress with systems installation, commissioning, and System Integration Testing, along with civil restoration and landscaping work throughout the alignment; training and contract closeout continues.



#### Schedule Performance Index

The Early SPI is 0.98 and Late SPI is 1.00. Current report calculated based on the April 2025 EV report.

The Early SPI early indicates contractor is behind plan. System works and Testing and Commissioning remain the same factors behind the schedule slippage this month.



#### Link light rail Federal Way Link Extension

#### **Next Period's Activities**

#### Design:

 No major design packages remain. All future design efforts will be managed through the NDC/FDC process.

#### **Construction:**

- KDM Garage: Finish work, Punchlist activities, and commissioning.
- KDM Station: To be complete
- Star Lake Station: Extensive work on both East/ West Platform and Plaza levels. Testing and Commissioning.
- Star Lake Garage: Work on interior/exterior elements. Testing and Commissioning.
- Star Lake Ancillary Building: Testing and Punchlist activities and commissioning.
- FWD Garage modification: Extensive work on interior/exterior elements. Testing and Commissioning efforts.
- FWD Station: Extensive work on North/South surface and platform levels. Testing and Commissioning.
- End of Line Facility: Work on both interior/exterior elements. Testing and Commissioning.

#### **Closely Monitored Issues (F200)**

- Environmental compliance.
- Non-Conformance Report progress.
- Testing and Commissioning Progress.

#### **Cost Summary**

Present Financial Status	Amount
F200 Contractor- Kiewit Infrastructure West Co	
Original Contract Value	\$1,285,200,000
Change Order Value (excludes betterments)	\$320,337,636
Current Contract Value	\$1,539,865,493
Total Actual Cost (Incurred to Date)	\$1,483,910,007
Percent Complete	96.5%
Authorized Contingency + Add'l Ctg	\$385,568,854
Contingency Drawdown (excludes betterments)	\$320,337,636
Contingency Index * *Excludes ATC/NTD, betterments	1.16



Soil Work at 317th St. S Federal Way



# CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY (SOUND TRANSIT)

#### TIFIA LOAN AGREEMENT

### MONTHLY REPORT

**April 2025** 

#### For the

PINEHURST STATION PROJECT (formerly named NE 130th Street Infill Station) (TIFIA-2023-1007A, Issued Date: 05/02/2023)

#### **TIFIA Project Cost Summary by SCC**

(As of 04/30/2025; figures in million dollars)

SCC Element	TIFIA Application Budget	Current Budget	Commitment to Date	Incurred this Month	Incurred to Date	Estimate to Complete	Estimated Final Cost (EFC)	TIFIA Budget vs EFC	Current Budget vs. EFC
10-Guideway & Track	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20-Stations	\$148.7	\$145.3	\$122.0	\$4.2	\$87.6	\$13.1	\$135.1	\$13.6	\$10.2
30-Support Facilities	\$0.4	\$0.4	\$0.0	\$0.0	\$0.0	\$0.4	\$0.4	\$0.0	\$0.0
40-Sitework I Special Conditions	\$7.4	\$6.6	\$5.5	\$1.0	\$1.7	\$1.1	\$6.6	\$0.8	(\$0.0)
50-Systems	\$16.2	\$16.2	\$15.1	\$0.2	\$7.2	\$1.1	\$16.2	(\$0.0)	(\$0.0)
Construction Subtotal	\$172.7	\$168.5	\$142.6	\$5.5	\$96.6	\$15.8	\$158.3	\$14.4	\$10.1
60-ROW	\$0.1	\$0.1	\$0.1	\$0.0	\$0.1	\$0.1	\$0.1	(\$0.0)	\$0.0
70-Vehicles	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
80-Professional Services	\$49.7	\$53.2	\$41.9	\$0.9	\$34.9	\$10.5	\$52.4	(\$2.7)	\$0.8
90-Unallocated Contingency	\$17.7	\$18.4	\$0.0	\$0.0	\$0.0	\$10.3	\$10.3	\$7.3	\$8.0
Total TIFIA Project	\$240.2	\$240.2	\$184.6	\$6.4	\$131.6	\$36.7	\$221.2	\$18.9	\$18.9

#### **Project Summary**

**Scope** Construct an elevated infill station at

NE 130th St and 5th Ave NE in Seattle.

Phase Construction

Budget \$240.2 Million

Schedule Revenue Service: Q2 2026

Projected Substantial Completion Date

June 2026\*

\*If there are changes it will be reflected

in future reports.



Rendering of Station as Viewed from I-5 Overpass

#### **Key Project Activities**

- Continued ancillary building mechanical, electrical, plumbing installation, and painting.
- Continued station underground utility installation.
- Continued stairway structural steel erection.
- Continued electrical room equipment setting.

#### **Closely Monitored Issues**

- Coordination of single tracking to complete platform roof, lighting and stair towers.
- Station switchgear delivery.
- Timely submittals to and approval from Authorities Having Jurisdiction (AHJs).

#### **Project Cost Summary**

The project cost table below is summarized in accordance with Sound Transit's budget Work Breakdown Structure (WBS). The second table summarizes costs in accordance with FTA Standard Cost Category (SCC) format. The figures in the tables are shown in millions.

This period approximately \$6.4M was incurred, bringing the total expenditure to date at \$131.6M. This period the project continues to forecast an Estimated Final Cost of \$221.2M with a budget underrun of \$18.9M.

#### **Cost Summary by Phase**

Project Phase	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred this Month	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
Administration	\$8.1	\$8.6	\$5.9	\$0.2	\$5.9	\$8.6	\$0.0
Preliminary Engineering	\$2.7	\$2.7	\$2.7	\$0.0	\$2.7	\$2.7	\$0.0
Final Design	\$17.6	\$21.0	\$16.7	\$0.1	\$16.3	\$21.0	\$0.1
Construction Services	\$17.3	\$17.2	\$12.7	\$0.6	\$9.0	\$17.2	\$0.0
3rd Party Agreements	\$1.7	\$1.3	\$0.9	\$0.0	\$0.7	\$1.3	\$0.0
Construction	\$192.6	\$189.1	\$145.5	\$5.5	\$96.9	\$170.2	\$18.9
ROW	\$0.1	\$0.1	\$0.1	\$0.0	\$0.1	\$0.1	\$0.0
Project Contingency	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Total	\$240.2	\$240.2	\$184.6	\$6.4	\$131.6	\$221.2	\$18.9

#### **Cost Summary by SCC**

Project Phase	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred this Month	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
10 Guideway & Track	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20 Stations	\$148.7	\$145.3	\$122.0	\$4.2	\$87.6	\$135.1	\$10.2
30 Support Facilities	\$0.4	\$0.4	\$0.0	\$0.0	\$0.0	\$0.4	\$0.0
40 Sitework & Special Conditions	\$7.4	\$6.6	\$5.5	\$1.0	\$1.7	\$6.6	\$0.0
50 Systems	\$16.2	\$16.2	\$15.1	\$0.2	\$7.2	\$16.2	\$0.0
Construction Subtotal(10 - 50)	\$172.8	\$168.5	\$142.6	\$5.5	\$96.6	\$158.3	\$10.1
60 ROW, Land	\$0.1	\$0.1	\$0.1	\$0.0	\$0.1	\$0.1	\$0.0
70 Vehicles (Non-Revenue)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
80 Professional Services	\$49.7	\$53.2	\$41.9	\$0.9	\$34.9	\$52.4	\$0.8
90 Unallocated Contingency	\$17.6	\$18.4	\$0.0	\$0.0	\$0.0	\$10.3	\$8.0
Total (10 - 90)	\$240.2	\$240.2	\$184.6	\$6.4	\$131.6	\$221.2	\$18.9

Tables across this report may have totals that do not equal line item sums due to rounding.

#### **Contingency Management**

The project budget was baselined in 2022 with a total contingency of \$48.6M. The current contingency balance is at \$45.7M.

**Allocated Contingency (AC):** Used to address risks, complexity and unforeseen conditions during the execution of work, including procurement. This period allocated contingency was not changed.

**Unallocated Contingency (UAC):** Used to address general project-wide cost risks and uncertainties. This period UAC did not change.

#### **Contingency Status**

#### Baseline Current Status Type % of Total Remainin Amount **Budget** g Amount Work Design \$0.0 0.0% \$0.0 0.0% Allowance Allocated \$30.9 12.9% \$27.4 43.5% Contingency Unallocated \$17.7 7.4% \$18.4 29.2% Contingency Total: \$48.6 20.2% \$45.7 72.7%

#### Contingency by Type

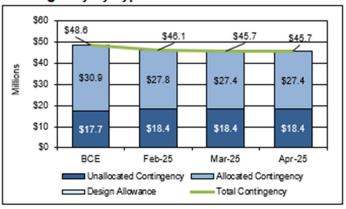
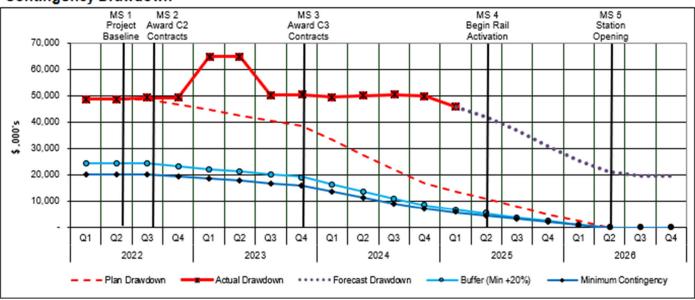


Table figures are shown in millions.

#### **Contingency Drawdown**



#### **Risk Management**

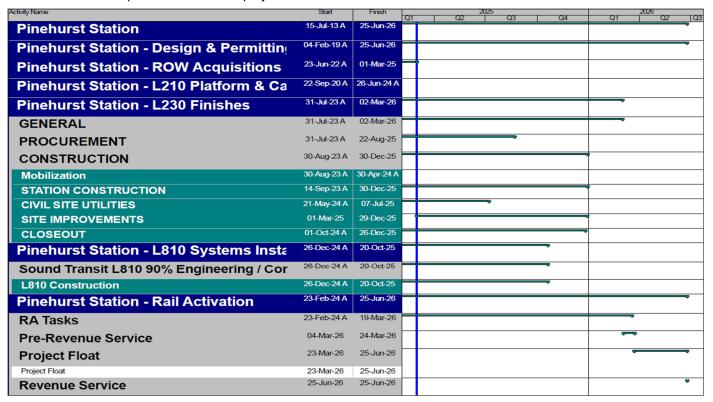
The following are the top project risks identified:

- Late design changes or omissions causing delay to the schedule.
- Contractor deferred submittals causing delay in jurisdiction approvals.
- Delay station opening to coincide with King County revised bus services causing added cost to maintain.

#### **Project Schedule**

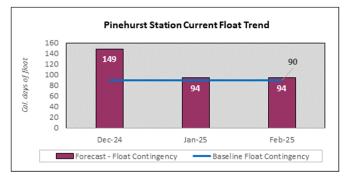
The weighted percent complete for the major construction contracts this month is estimated at 72.0% (last month was 68.0%).

The schedule below remains the integrated project schedule through February. The initial March schedule submittal from the contractor was not deemed accurate and is being revised. The L230 contractor continues work on the station ancillary building, support structures for vertical conveyance, as well communications infrastructure. Work on base slabs are completed. The current projected Revenue Service Date remains Q2 2026.



#### **Project Float**

Project float remains 94 days. Future updates may reflect a change in float shown as ST evaluates the impact of delays that have been incurred by the civil, L230 contractor. At this time the project remains on schedule for June 2026 opening.



#### **Major Contract Status**

Contract Number/Name	Contractor / Consultant	Base Contract Value	Value of Changes / Amendments	Current Value	Expended Amount	Start Date (NTP)	Completion Date
Completed/In Progress Cont	tracts						
PE, Civil FD, Civil DSDC	HNTB Jacobs	\$4.3	\$13.2	\$17.6	\$17.5	Feb 2019	Sep 2025
Systems FD, Systems DSDC	LTK Engineering	\$0.3	\$0.8	\$1.1	\$1.1	Jun 2020	Nov 2025
Systems FD, Systems DSDC	Hatch Assoc	\$0.0	\$0.5	\$0.5	\$0.1	Jun 2020	Nov 2025
Civil CMC	PGH Wong	\$0.4	\$11.5	\$11.9	\$8.3	Jul 2020	May 2026
Systems CMC	NWTSP	\$0.2	\$0.0	\$0.2	\$0.2	Jul 2024	May 2026
L210 Civil Construction	SKH	\$5.0	\$17.1	\$22.1	\$22.1	Jul 2020	Aug 2024
L230 Civil Construction	Absher	\$98.3	\$1.7	\$99.9	<b>\$</b> 65.5	Aug 2023	Oct 2025
L810 Systems Construction	Mass Electric	\$14.3	\$0.1	\$14.4	\$6.9	Feb 2022	Nov 2025
				\$167.8	\$121.7		

#### **Community Engagement**

This period the Community Engagement team continued efforts to keep the community informed by:

- Continuing to coordinate outreach and communications with Shoreline and Seattle on their respective project areas.
- Distributed alerts informing of upcoming I-5 closures and tree removals.

#### **Staffing Summary**

The planned Full-Time Equivalent (FTE) is an annual projection of ST project staff and consultants. Planned FTE is an annual projection and remains constant from month to month. The Year-to-Date (YTD) Performance is the total actual FTEs accumulated through this reporting period. Staffing status is summarized in the following table.

The YTD Actual FTE monthly average through the end of the current period is above the planned FTE monthly average, with Civil DSDC staffing more than planned due to high volume of RFIs, submittal reviews, and geotechnical review.

Resource Type	Planned FTE Monthly Average	YTD Actual FTE Monthly Average	Variance
ST Staff	16.3	9.4	6.9
Consultants	13.1	24.9	(11.8)
TOTAL	AL 29.4		(4.9)

<sup>\*</sup> An FTE is the equivalent of 1,920 hours. YTD performance FTE hours are divided by a monthly factor of 160.

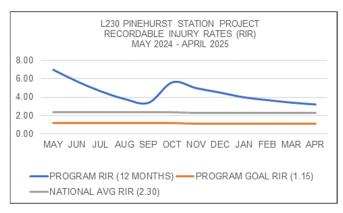
#### **Sound Transit Board Actions**

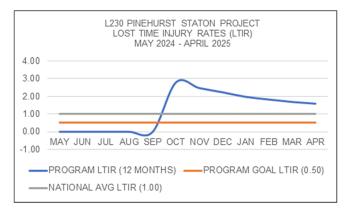
Board Action	Description	Date
M2025-18	Sound Transit Board authorized to increase certain Pinehurst Station contract and/or agreement amounts as necessary, for a total authorized cumulative increase not to exceed \$12,000,000, all within the Pinehurst Station project approved baseline budget.	4/24/2025

#### **Construction Safety**

#### \* Link to KPI

Monthly KPI	Construction Safety	Project Monthly <sup>1</sup>	Project Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average <sup>4</sup>	Notes
<b>♦</b>	Recordable Injury Rate (RIR)	13.59	3.20 <sup>5</sup>	1.15	2.30	On April 21 L230 experience an OSHA recordable injury with 7,258 more labor hours this month. An Apprentice Electrician from Valley Electric was using a manlift for access and was cutting an overhead all-thread rod using a portable band saw. Upon completion of the work, the portable band saw came down
	Lost-Time Injury Rate (LTIR)	0.00	1.60 <sup>6</sup>	0.50	1.00	resulting in the laceration to his left index finger. The worker received first aid at the Absher first aid station from a qualified first staff and was subsequently transferred to NW Hospital by vehicle for further evaluation and medical treatment. After the emergency doctor ordered an X-ray, the wound was stitched (six stitches), and the patient was later discharged by the physician.  This month the <b>Project Monthly</b> was the following:  RIR 1,081.5% above Program Goal and 490.7% above National Average.  LTIR 100% below Program Goal and National Average.





#### Notes:

- 1. Project Monthly rates based on monthly safety data. Due to the timing of contractor's reporting periods, the current month's numbers above are a combination of actuals and estimates. The number from the previous month are reconciled and replaced with actuals the following month.
- 2. Project Average rates based on 12-month rolling average.
- 3. Program Goal is <50% of the National average of RIR/LTIR.
- 4. National Average RIR/LTIR is based on the annual Bureau of Labor Statistics data for Construction.
- 5. For reference the Project Average RIR (3.20) is 177.9% above the Program Goal and 39.0% above the National Average. The previous and current RIR incidents are temporarily higher than benchmark average.
- 6. For reference the Project Average LTIR (1.60) is 219.6% above the Program Goal and 59.8% above the National Average. The project experienced two (2) OSHA recordable injuries in 2024 and one this month, one of which resulting in lost time.

#### **Contract L230 Station Finishes**

#### **Current Progress**

- Continued precast stair and elevator base structural steel installation, completing 3 of 4 stairway framing.
- · Continued underground utility installation.
- Continued ancillary building M/E/P and equipment setting.

#### **Schedule Summary**

The L230 contract schedule shown remains the February update. The March schedule submittal did not accurately incorporate acknowledged changes and is being revised. The critical path in the remains in the construction of the Ancillary Building. This reflects changes made to the work plan in conjunction with the contractor, in an effort to mitigate the impact of the stair tower fabrication. Near critical paths remain in the egress stairs, elevators, and escalators.

Activity Name	Start	Finish	JUJI ALSI OLNID	2024	2025   2   J F M A M J J A S O N D J	2026 FIM
Pinehurst Station - L230 Finishes	31-Jul-23A	02-Mar-26	V			-
GENERAL	31-Jul-23 A	02-Mar-26	-			_
Milestones (Start / Complete)	31-Jul-23A	02-Mar-26	•			_
Milestones (Interim Contract)	22-Nov-23 A	15-May-25	-		•	
Milestones (CIP Contractor Coordination MSs - Ab	26-Jun-25	10-Nov-25			<b>▽</b>	
Project Start-up	31-Jul-23A	11-Aug-25	•		•	
PROCUREMENT	31-Jul-23A	22-Aug-25	•			
Engineering/Procurement	31-Jul-23A	30-Nov-23 A	-			
Long Lead Procurement	14-Aug-23 A	22-Aug-25			~	
Traffic Control	20-May-24 A	14-Mar-25		-	7	
CONSTRUCTION	30-Aug-23 A	30-Dec-25				
Mobilization	30-Aug-23 A	30-Apr-24 A	<del>-</del>	*		
STATION CONSTRUCTION	14-Sep-23 A	30-Dec-25	9			
CIVIL SITE UTILITIES	21-May-24 A	07-Jul-25		€r	,	
SITE IMPROVEMENTS	01-Mar-25	29-Dec-25				
CLOSEOUT	01-Oct-24 A	26-Dec-25		•		
PROVISIONAL SUMS	19-Aug-24 A	02-Jan-26		*		
CHANGE ORDERS	28-Aug-24 A	15-May-25		<u> </u>		

#### **Cost Summary**

Present Financial Status	Amount
L230 Absher – Civil Construction	
Original Contract Value	\$98,270,000
Change Order Value	\$1,655,392
Current Contract Value	\$99,925,392
Total Actual Cost (Incurred to Date)	\$65,517,198
Percent Complete	66.9%
Authorized Contingency	\$14,740,500
Contingency Drawdown	\$1,655,392
Contingency Index	6.0



Under guideway conduit installation

#### **Contract L810 Station Systems**

#### **Current Progress**

- Prepare for ancillary room handover/access.
- Continued coordination with L230 of conduit installation.

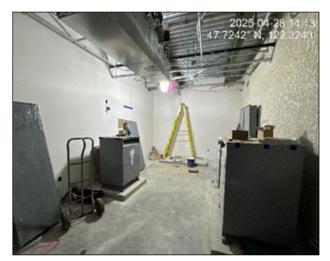
#### **Schedule Summary**

The L810 contract schedule has been updated through March. The April schedule submittal is under review. The critical path runs through the development of the SCADA software for the station. Near critical paths lie in the procurement and installation of the Panel Boards, as well as installation of the Comm/CCTV equipment.

Activity Name	Start	Finish	2025					2026					
			Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
L810 UD-50, March 2025 Rev-0	10-Apr-23 A	19-Nov-25											
Sound Transit L810 90% Engineering / Cor	10-Apr-23 A	19-Nov-25											
L810 Engineering	10-Apr-23 A	19-Nov-25								•			
L810 Construction	26-Dec-24 A	20-Oct-25											
L810 Signals	31-Jan-25 A	25-Apr-25											
L810 Communications	26-Dec-24 A	19-Aug-25											
L810 SCADA	15-May-25	26-Sep-25							'				
L810 Testing and Commissioning	22-Jul-25	20-Oct-25				_							
L810 Fees	10-Apr-23 A	05-Nov-25								_			
L810 NSS	01-Apr-25	05-Nov-25								_			
L810 Risk	01-Nov-23A	05-Nov-25								_			
L810 Change Orders	25-Feb-25A	25-Feb-25 A											

#### **Cost Summary**

Present Financial Status	Amount							
L810 Mass Electric- Systems Construction								
Original Contract Value	\$14,305,865							
Change Order Value	\$141,208							
Current Contract Value	\$14,447,073							
Total Actual Cost (Incurred to Date)	\$6,897,496							
Percent Complete	53.1%							
Authorized Contingency	\$1,283,135							
Contingency Drawdown	\$141,208							
Contingency Index	4.8							



Electrical room



# CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY (SOUND TRANSIT)

#### TIFIA LOAN AGREEMENT

### **MONTHLY REPORT**

**April 2025** 

# SOUNDER SOUTH STATION PARKING AND ACCESS IMPROVEMENTS PROJECT

(RRIF-2023-0048, Issued Date: 05/02/2023)

**RRIF Project Cost Summary by SCC** 

#### **RRIF Project Cost Summary by SCC**

(As of 4/30/2025; figures in million dollars)

RRIF Project (Puyallup, Sumner, Auburn Station Parking and Access Improvements)

SCC Element	Original RRIF Loan Budget	Baseline Budget	Current Budget	Commitment to Date	Previously Incurred to Date	Incurred this month	Incurred to Date	Estimated Final Cost (EFC)	Baseline Budget vs. EFC
10 Guideway & Track	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20 Stations	\$94.3	\$127.8	\$151.8	\$117.7	\$55.7	\$1.7	\$57.4	\$134.7	\$32.3
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$90.3	\$60.3	\$31.2	\$24.0	\$12.5	\$0.4	\$12.8	\$29.5	(\$6.8)
50 Systems	\$6.9	\$3.8	\$6.3	\$6.3	\$6.3	\$0.0	\$6.3	\$6.3	(\$6.3)
Construction Subtotal (10 - 50)	\$191.5	\$191.9	\$189.3	\$148.0	\$74.4	\$2.0	\$76.5	\$170.5	\$19.2
60 Row, Land	\$22.1	\$20.8	\$31.4	\$27.4	\$27.3	\$0.0	\$27.3	\$32.1	(\$2.1)
70 Vehicles	\$0.0	\$0.0	\$0.2	\$0.0	\$0.0	\$0.0	\$0.0	\$0.2	\$0.0
80 Professional Services	\$89.5	\$84.1	\$87.6	\$78.9	\$67.9	\$1.2	\$69.1	\$85.8	(\$3.6)
90 Unallocated Contingency	\$11.3	\$14.5	\$10.3	\$0.1	\$0.1	\$0.0	\$0.1	\$6.3	\$7.7
Total RRIF Project (10 - 90)	\$314.4	\$311.3	\$318.8	\$254.3	\$169.7	\$3.3	\$173.0	\$294.8	\$21.2

#### Puyallup Project

SCC Element	Original RRIF Loan Budget	Baseline Budget	Current Budget	Commitment to Date	Previously Incurred to Date	Incurred this month	Incurred to Date	Estimated Final Cost (EFC)	Baseline Budget vs. EFC1
10 Guideway & Track	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20 Stations	\$33.3	\$47.1	\$31.9	\$31.0	\$31.0	\$0.0	\$31.0	\$31.0	\$16.0
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$10.7	\$1.0	\$9.5	\$9.4	\$9.4	\$0.0	\$9.4	\$9.4	(\$8.4)
50 Systems	\$3.8	\$0.0	\$6.3	\$6.3	\$6.3	\$0.0	\$6.3	\$6.3	(\$6.3)
Puyallup Construction Subtotal	\$47.8	\$48.0	\$47.7	\$46.7	\$46.6	\$0.0	\$46.6	\$46.6	\$1.4
60 Row, Land	\$6.7	\$5.4	\$6.8	\$6.7	\$6.7	\$0.0	\$6.7	\$6.7	(\$1.4)
70 Vehicles (non-revenue)	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
80 Professional Services	\$27.4	\$22.0	\$27.4	\$27.0	\$26.9	\$0.0	\$26.9	\$26.9	(\$4.9)
90 Unallocated Contingency	\$0.4	\$3.7	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$3.7
Total Puyallup Project	\$82.3	\$79.1	\$81.9	\$80.4	\$80.3	\$0.0	\$80.3	\$80.3	(\$1.2)

#### Sumner Project

SCC Element	Original RRIF Loan Budget	Baseline Budget	Current Budget	Commitment to Date	Previously Incurred to Date	Incurred this month	Incurred to Date	Estimated Final Cost (EFC)	Baseline Budget vs. EFC
10 Guideway & Track	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20 Stations	\$20.9	\$21.0	\$54.9	\$39.1	\$13.0	\$1.5	\$14.5	\$46.5	\$8.4
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$43.8	\$43.8	\$10.6	\$6.6	\$1.9	\$0.2	\$2.1	\$10.5	\$0.1
50 Systems	\$2.3	\$2.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Sumner Construction Subtotal	\$67.0	\$67.1	\$65.6	\$45.7	\$15.0	\$1.6	\$16.6	\$57.0	\$8.5
60 Row, Land	\$4.6	\$4.6	\$4.4	\$4.3	\$4.2	\$0.0	\$4.2	\$4.4	\$0.0
70 Vehicles (non-revenue)	\$0.0	\$0.0	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1	\$0.0
80 Professional Services	\$32.5	\$32.5	\$33.2	\$29.5	\$25.2	\$0.4	\$25.6	\$32.6	\$0.5
90 Unallocated Contingency	\$4.8	\$4.8	\$4.8	\$0.1	\$0.1	\$0.0	\$0.1	\$2.8	\$1.9
Total Sumner Project	\$108.9	\$109.0	\$108.0	\$79.6	\$44.4	\$2.1	\$46.5	\$97.0	\$11.0

#### Auburn Project

SCC Element	Original RRIF Loan Budget	Baseline Budget	Current Budget	Commitment to Date	Previously Incurred to Date	Incurred this month	Incurred to Date	Estimated Final Cost (EFC)	Baseline Budget vs. EFC
10 Guideway & Track	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20 Stations	\$40.1	\$59.7	\$65.0	\$47.5	\$11.6	\$0.2	\$11.9	\$57.2	\$7.8
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$35.8	\$15.6	\$11.1	\$8.0	\$1.2	\$0.2	\$1.3	\$9.7	\$1.5
50 Systems	\$0.8	\$1.4	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
Auburn Construction Subtotal	\$76.7	\$76.8	\$76.1	\$55.6	\$12.8	\$0.4	\$13.2	\$66.8	\$9.3
60 Row, Land	\$10.8	\$10.8	\$20.1	\$16.4	\$16.4	\$0.0	\$16.4	\$20.9	(\$0.8)
70 Vehicles (non-revenue)	\$0.0	\$0.0	\$0.1	\$0.0	\$0.0	\$0.0	\$0.0	\$0.1	\$0.0
80 Professional Services	\$29.6	\$29.6	\$27.0	\$22.4	\$15.8	\$0.7	\$16.5	\$26.2	\$0.8
90 Unallocated Contingency	\$6.1	\$6.1	\$5.5	\$0.0	\$0.0	\$0.0	\$0.00	\$3.5	\$2.0
Total Auburn Project	\$123.2	\$123.3	\$128.8	\$94.4	\$45.0	\$1.2	\$46.2	\$117.5	\$11.3

#### Notes

<sup>1.</sup> Puyallup Station Parking and Access Improvements project was baselined in February 2019 in the amount of \$79.1M. The baseline contingency levels were insufficient and required an additional \$3.25M that was approved by the ST Board in April 2022. The project was not re-baselined which is the cause of the overrun on the Baseline Budget vs. EFC.

#### **Project Summary**

#### Scope

The project provides additional commuter parking at the Sounder stations located in the cities of Sumner, Kent, and Auburn. All three locations will have a new multi-story garage and potentially some amount of new surface parking stalls with the goal of building up to the environmentally cleared stall count within the project budget. Additionally, the project includes vehicular and pedestrian access improvements to the rail stations, non-motorized improvements, and associated utility, roadway, traffic, stormwater, lighting, and landscape improvements. The Kent station also includes an option to include scope for a bus layover facility for King County Metro.



Construction

Budget \$359.7 Million

#### Schedule

Baselined Revenue Service Dates / Projected Substantial Completion Dates\*

Sumner: March 2026 / November 2025 Auburn: March 2027 / December 2026

Kent: June 2027 / October 2026

\*If there are changes it will be reflected in future reports.



Sumner Station Parking & Access Improvements



Kent Station Parking & Access Improvements



Auburn Station Parking & Access Improvements

#### **Key Project Activities**

#### Sumner:

- Design-Builder placed first slab on grade sections and cast first level one vertical shear wall and columns.
- Design-Builder has completed all design package IFC's and continues to incorporate any post IFC design changes.
- Underground utility rough in continues within the garage footprint.
- Harbor Pacific is preparing to form the first elevated post tensioned slab in May. Submittals and construction work plans under review.

#### **Key Project Activities (continued)**

#### Kent:

- First pile caps and perimeter footing were placed.
- Installation of dewatering system completed.
- The detention system downstream filters and pump vaults were installed, and the primary detention vault was
  excavated and bottom slab forms and rebar underway.
- Grade beams and pile caps were placed in zone.
- Design Package Status:
  - ° DP-02 Site and Foundations Package: Permit IFC issued.
  - ° DB-03 Garage: Absher updating design and coordinating with City of Kent for permit resubmittal.
  - DP-04 KCM layover yard: Design progressing with removal of electrification. Absher updating alleyway deviation request based on comments received from City of Kent.
  - ° DP-05 Offsite work: Absher continuing to 100% design and permit submittal with City of Kent.

#### Auburn:

- · Absher completed ground improvements.
- Draft agreement with King County Metro for bus stop improvements is under review by Sound Transit.
   Anticipated completion in Q3 2025.
- Transformer street vacation request status: Appraisal currently in development by ST.
- Design packages status:
  - DP-03 Building package: 100% building package review complete. Package in comment resolution phase.
     Permit from City still in review.
  - ° DP-04 Off-site work package: Absher continuing to 100% design and permit submittal with City of Auburn.

#### **Project Cost Summary**

The project cost is summarized below in two cost categories. The first table summarizes costs in accordance with Sound Transit's budget Work Breakdown Structure (WBS). The second table summarizes costs in accordance with the FTA's Standard Cost Categories (SCC) format. The figures in both tables are shown in millions.

This period approximately \$6.1M was incurred, bringing the total expenditure to date at \$129.8M.

This period the project continues to forecast an Estimated Final Cost of \$325.1M with a budget underrun of \$34.5M

#### **Cost Summary by Phase**

Project Phase	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred this Month*	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
Administration	\$26.2	\$26.2	\$15.0	\$0.4	\$15.0	\$25.2	\$1.0
Preliminary Engineering	\$8.2	\$8.2	\$8.2	\$0.0	\$8.2	\$8.2	\$0.0
Final Design	\$0.1	\$0.1	\$0.1	\$0.0	\$0.1	\$0.1	\$0.0
Construction Services	\$33.1	\$33.1	\$27.6	\$1.0	\$13.2	\$30.7	\$2.4
3rd Party Agreements	\$8.1	\$8.1	\$8.0	\$0.0	\$6.6	\$8.1	\$0.0
Construction	\$252.7	\$252.7	\$175.8	\$4.7	\$60.5	\$221.7	\$31.1
ROW	\$31.2	\$31.2	\$26.4	\$0.0	\$26.3	\$31.2	\$0.0
Total	\$359.7	\$359.7	\$261.1	\$6.1	\$129.8	\$325.1	\$34.5

#### **Cost Summary by SCC**

SCC Element	Baseline Budget	Authorized Project Allocation	Commitment to Date	Incurred this Month	Incurred to Date	Estimated Final Cost (EFC)	Authorized Allocation vs. EFC
10 Guideway & Track	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
20 Stations	\$135.3	\$184.5	\$134.0	\$2.7	\$38.4	\$163.3	\$21.3
30 Support Facilities	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0
40 Sitework & Special Conditions	\$85.1	\$37.7	\$24.8	\$1.6	\$6.0	\$33.0	\$4.7
50 Systems	\$5.1	\$0.0	\$0.1	\$0.0	\$0.1	\$0.1	(\$0.1)
Construction Subtotal (10 - 50)	\$225.5	\$222.3	\$159.0	\$4.3	\$44.5	\$196.4	\$25.9
60 ROW, Land	\$24.5	\$30.5	\$26.4	\$0.0	\$26.3	\$30.5	\$0.0
70 Vehicles	\$0.0	\$0.3	\$0.0	\$0.0	\$0.0	\$0.3	\$0.0
80 Professional Services	\$92.5	\$90.5	\$75.7	\$1.9	\$59.1	\$87.0	\$3.5
90 Unallocated Contingency	\$17.2	\$16.2	\$0.0	\$0.0	\$0.0	\$11.0	\$5.2
Total (10 - 90)	\$359.7	\$359.7	\$261.1	\$6.1	\$129.8	\$325.1	\$34.5

Tables across this report may have totals that do not equal line item sums due to decimal rounding.

<sup>\*</sup>Note: Incurred this month does not include Puyallup.

#### **Contingency Management**

The combined Sumner, Kent and Auburn project budget was baselined in January 2023 with a total contingency of \$77M. The current total project contingency balance is \$81.1M, same as last month.

**Design Allowance (DA)** was established to account for unquantified scope at the time of the cost estimate. This period the DA reflects no change.

**Allocated Contingency (AC)** is used to address risks, complexity and unforeseen conditions during the execution of work, including procurement. This period the AC reflects no change.

**Unallocated Contingency (UAC)** is used to address general project-wide cost risks and uncertainties. This period the UAC reflects no change.

**Contingency Status (Monthly)** 

	Base	eline	Current	Status	
Туре	Amount	% of Total Budget	Remaining Amount	% of Work Remaining	
Design Allowance	\$22.1	6.1%	\$1.1	0.74%	
Allocated Contingency	\$37.7	10.5%	\$63.8	42.90%	
Unallocated Contingency	\$17.2	4.8%	\$16.2	10.90%	
Total:	<b>\$77.0</b>	21.4%	\$81.1	54.53%	

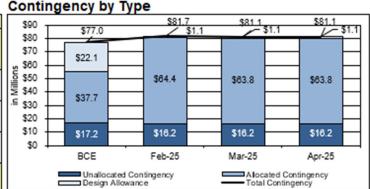
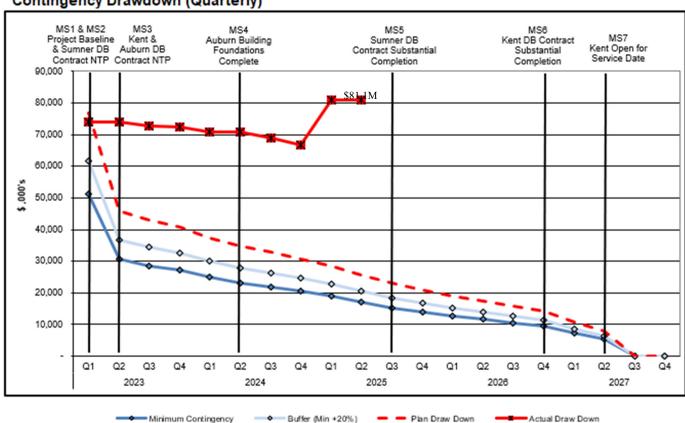


Table figures are shown in millions.

#### Contingency Drawdown (Quarterly)



#### **Project Schedule**

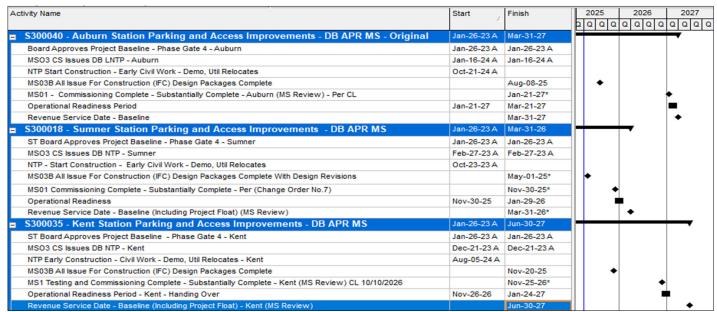
The combined Performance Percent complete for the three design-build contracts is 31.0% (last month was 27.9%).

The schedule below shows the schedule through May 1 for Sumner and Kent and thru April 1 for Auburn. The Sound Transit Board approved the baseline for the project in January 2023. The baseline Revenue Service Dates (RSDs) are: Sumner - Q1 2026, Auburn - Q1 2027, and Kent - Q2 2027. All RSDs remain intact this update cycle. Milestone schedules for the combined three projects are shown below.

**Sumner:** Notice to Proceed (NTP) was issued in February 2023. City of Sumner approved Lot Line Adjustment permit and Frontage Lighting Redesign. Updated Building Permit still under City review. Place/finish slab on grade for L1Z1, L1Z2 are completed along with Form, reinforce and pour Ret Wall GLF of L1Z4. Electrical and mechanical rough–in work for Z1, Z2, and Z3 are completed as well. Contractor working on completing Concrete Vertical Circulation work in L1Z1, L1Z2, L1Z4 along with related mechanical and electrical Work.

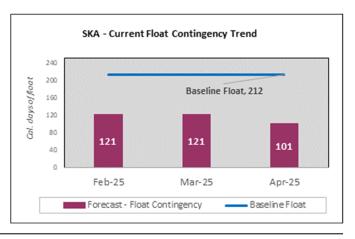
**Auburn:** NTP was issued in January 2024. Auburn IFC Design Package (DB) 01 is still in the final stage. DP02 IFC is under ST review and DP03 and DP04 100% package are still in progress. Design Builder is incorporating City comments for DP04 Permit and the City of Auburn is reviewing re-submittal of DP03 Permit. Site deep soil mixing for Zone 1 is near completion and potholes at A, and 1st Streets are completed.

**Kent:** NTP was issued in December 2023. City of Kent continues 2nd permit review for DP03. IFC DP002 is completed. The Design Builder continues working on 100% DP03, DP04, and DP05. Zone 1 foundation excavation and grade beam form and rebar are In Progress.



#### **Project Float**

The Sumner, Kent, and Auburn Stations Parking and Access Improvements Project was baselined with 212 days of project float. 111 days of overall project float days have been consumed due to extended negotiations with the City of Auburn related to real property, delaying issuing Notice to Proceed for Auburn. All but 10 days of the Auburn baseline float have been exhausted delaying 20 days from last update. ST continues working with the design-build contractor to recover the Auburn schedule. Overall, the project still has 101 days of float remaining.



#### **Major Contract Status**

Contract Number	Contract Name	Contractor/ Consultant	Base Contract Value	Value of Changes/ Amendments	Current Value	Expended Amount	Start Date (NTP)	Completion Date	Status
Completed Cont	racts				4,891,608	4,891,608			
	Prelim. Eng./ Design Consultant	CDM Smith, Inc.	449,827	2,075,522	2,525,349	2,525,349	10/21/2016	7/31/2021	Done
	Prelim. Eng./ Design Consultant	Parametrix, Inc.	402,341	1,963,919	2,366,259	2,366,259	5/15/2013	4/2/2021	Done
In-Progress Cor	ntracts				128,279,738	48,837,018			
RTA/AE 0613-18	DBPM/ Auburn	HNTB Corporation	1,800,002	7,631,918	9,431,920	3,974,462	7/1/2019	12/31/2027	Open
RTA/DB 0050-22	ASAI Contractor DB	Absher Construction Co	60,000,000	402,818	60,402,818	17,438,721	1/16/2024	12/31/2026	Open
RTA/AE 0613-18	DBPM/ Sumner	HNTB Corporation	6,100,115	523,834	7,030,402	4,941,772	7/1/2019	12/31/2027	Open
RTA/DB 0252-19	SSAI Contractor DB	Harbor Pacific Contractors, Inc.	49,000,000	2,414,598	51,414,598	22,482,064	2/27/2023	11/30/2025	Open
Planned Contra	ed Contracts								
None									
Total Contracts					133,171,346	53,728,627			

#### **Risk Management**

The following are the top Project-wide risks:

- Permitting process could delay Auburn or Kent projects.
- Additional scope and project change requests from stakeholders could cause project delay during permit approval.
- Increasing market costs could impact the design-builder's project buy-out going forward.

#### **Closely Monitored Issues**

- Auburn: Property acquisition in Auburn court appeal process is underway and outcome may impact final ROW budget expenditure.
- **Auburn:** Progressing the Auburn partial street ROW acquisition to support Absher's preferred electrical service vault location (opportunity rather than risk).
- **Kent:** Alleyway deviation request to City of Kent for Bus Layover Yard (DP-04). Deviation is necessary to ensure safe bus movements into within, and out of Bus Layover Yard. Absher, ST, and KCM working toward resolution with City of Kent.
- Reviewing project staffing given ST re-organization.

#### **Community Engagement**

- Sumner: Tabled at the city of Sumner Spring Open House providing community with information on project.
   Ongoing construction engagement for impacted stakeholders, answering questions and concerns via project email inbox, phone, and text inquiries.
- Auburn: Ongoing construction engagement for impacted stakeholders including construction alert for sidewalk
  and side street parking closure. Ongoing construction engagement for impacted stakeholders, answering
  questions and concerns via project email inbox, phone, and text inquiries.
- **Kent:** Ongoing construction engagement for impacted stakeholders, answering questions and concerns via project email inbox, phone, and text inquiries.

#### **Sound Transit Board Actions**

Board Action	Description	Date
	No action this period.	

#### **Staffing Summary**

The planned Full-Time Equivalent (FTE) is an annual projection of Sound Transit project staff and consultants. The Planned FTE is annually projected and remains consistent each month. The Year-to-Date (YTD) performance is the total actual FTEs accumulated through this reporting period. Staffing status is summarized in the following table.

Less than anticipated level of effort by Sound Transit staff due to availability constraints of resources. Consultant level of effort is anticipated to increase to meet the planned average as the Kent and Auburn projects progress further in construction.

Resource Type	Planned FTE Monthly Average	YTD Actual FTE Monthly Average	Variance					
ST Staff	18.3	14.5	3.8					
Consultants	20.0	18.0	2.0					
TOTAL	38.3	32.5	5.8					
* An ETE is the equivalent of 1 020 hours, VTD performance ETE hours are divided by a monthly factor of 160								

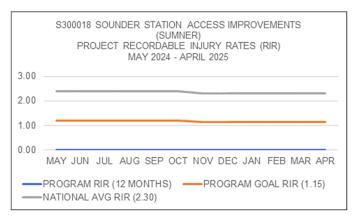
<sup>\*</sup> An FTE is the equivalent of 1,920 hours. YTD performance FTE hours are divided by a monthly factor of 160.

#### **Construction Safety**

#### **Sumner Station Parking & Access Improvements**

#### \* Link to KPI

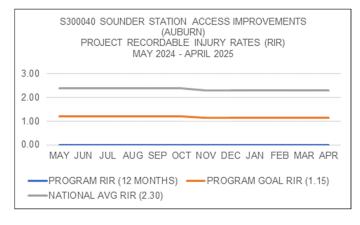
Monthly KPI	Construction Safety	Project Monthly <sup>1</sup>	Project Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average⁴	Notes
	Recordable Injury Rate (RIR)	0.00	0.00 5	1.15	2.30	There were no recordable or lost
	Lost-Time Injury Rate (LTIR)	0.00	0.00 <sup>6</sup>	0.50	1.00	time incidents reported in April.

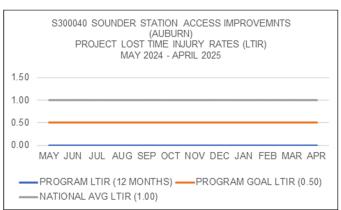




#### **Auburn Station Parking & Access Improvements**

Monthly KPI	Construction Safety	Project Monthly <sup>1</sup>	Project Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average⁴	Notes
	Recordable Injury Rate (RIR)	0.00	0.00 <sup>5</sup>	1.15	2.30	There were no recordable or lost
<b>(</b>	Lost-Time Injury Rate (LTIR)	0.00	0.00 <sup>6</sup>	0.50	1.00	time incidents reported in April.



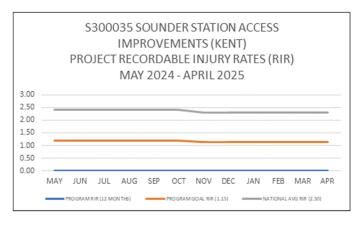


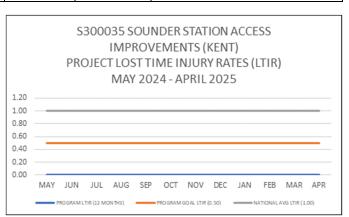
#### **Construction Safety (continued)**

#### Kent Station Parking & Access Improvements

#### \* Link to KPI

Monthly KPI	Construction Safety	Project Monthly <sup>1</sup>	Project Average <sup>2</sup>	Program Goal <sup>3</sup>	National Average <sup>4</sup>	Notes
	Recordable Injury Rate (RIR)	0.00	0.00 5	1.15	2.30	There were no recordable or lost
	Lost-Time Injury Rate (LTIR)	0.00	0.00 <sup>6</sup>	0.50	1.00	time incidents reported in April.





#### Notes:

- Project Monthly rates based on monthly safety data. Due to the timing of contractor's reporting periods, the current month's numbers above are a combination of actuals and estimates. The number from the previous month are reconciled and replaced with actuals the following month.
- 2. Project Average rates based on 12-month rolling average.
- 3. Program Goal is <50% of the National average of RIR/LTIR.
- 4. National Average RIR/LTIR is based on the annual Bureau of Labor Statistics data for Construction.
- 5. For reference the Project Average RIR for Sumner, Auburn, and Kent is zero.
- 6. For reference the Project Average LTIR for Sumner, Auburn, and Kent is zero.

#### Design / Build Contract - Sumner Station Parking & Access Improvements

#### Current Progress (Based on April Update - Under Review)

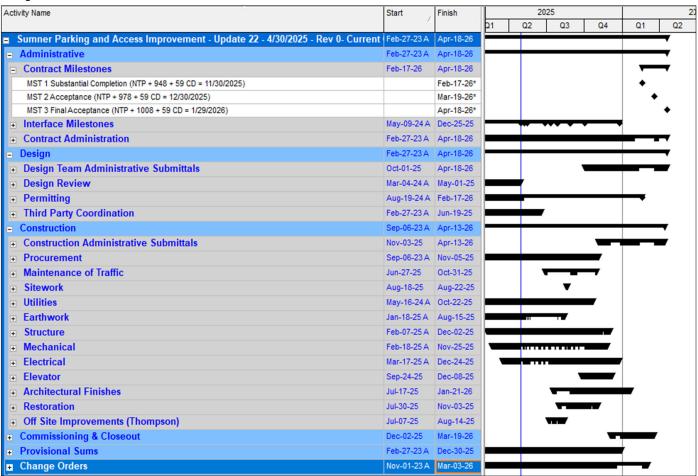
The **Sumner** SPAI Contractor, Harbor Pacific, is continuing work on site as follows:

- 100% DP02 Submittal Structural and Arch

   Finalizing Comment Resolution.
- Elevators, signage, lighting, vertical circulation structural steel, fire suppression piping, façade structural steel, station signage, and lighting material submittals are still under review and approval.
- Fabricate/deliver structural steel embeds, diesel generator, and switchgear are in progress.
- Form/rebar/pour columns and sheer walls activities of L1, Z1 thru Z4 are in progress.
- Mechanical and electrical rough-in activities are in progress.

#### **Schedule Summary**

The schedule below represents April Schedule which is still under review. Logic still needs to be revised to mitigate delays. Change Order No. 10 has been approved and incorporated in both schedule and Baseline update. Work continues on updating and approving Building Permit. Design Builder continues working on acquiring mechanical and fire permits, developing numerous construction and material submittals, early utility, mechanical and electrical rough-in, concrete FRP columns and sheer walls for L1Z1, L1Z2, L1Z3, and L1Z4.



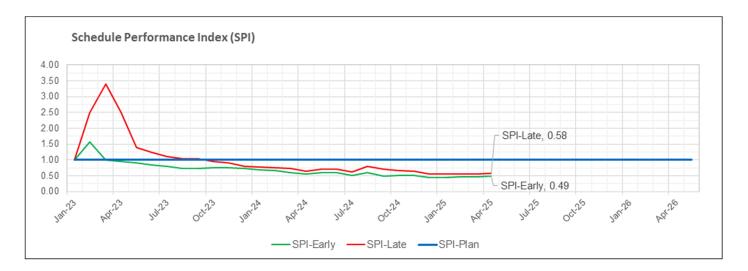
#### Design / Build Contract - Sumner Station Parking & Access Improvements

#### **Critical Path Analysis**

The critical path is based on April Update which is still under review. Seventeen activities on the longest path. The current critical path is passing thru CCTV Equipment Procurement, installation of security and CCTV equipment, electrical communication systems, startup/commission building systems, punchlist, and final documentation submittals. Design Builder needs to revise logic for a realistic critical path.

#### Schedule Performance Index

Early SPI represents progress against an optimistic version of the contract baseline schedule. April period early SPI is 0.49 (increase from 0.47 reported last period). Late SPI represents progress against a more conservative schedule. Late SPI is 0.58 (increase from 0.55 reported last period). Main contributors of the Early SPI are fabrication/delivery of lighting, switch gear, and installation of brick façade at knee walls and roofing vertical circulation. None of which are on the critical path. Fabrication, delivery, and Installation of security and CCTV equipment are on longest path with minor contribution to the schedule variance. Many other Fabrication and delivery activities are contributing to the current SPI but are not on the longest path.



#### Design / Build Contract - Sumner Station Parking & Access Improvements

#### **Next Period Activities:**

- Finalizing Comments Resolution for DP02 100%.
- FRP columns and sheer walls L1Z1 thru L1Z4.
- Utilities and earthwork—different phases.
- Continue development, submit, and review and approval of material/equipment submittals.
- Mechanical and electrical rough-in for L1Z3, L1Z4, and L1Z5.
- Acquire mechanical and fire permit

#### **Closely Monitored Issues:**

- Change orders related to extensive coordination with City of Sumner permitting process.
- Focus on quality as permanent construction commences
- Finalizing BNSF coordination of Maple Street intersection

#### **Cost Summary**

Present Financial Status	Amount
SCR670 DB Contractor—Harbor Pacific	Contractors
Original Contract Value	\$49,000,000
Change Order Value	\$2,414,598
Current Contract Value	\$51,414,598
Total Actual Cost (Incurred to Date)	\$22,482,064
Percent Complete	44%
Authorized Contingency	\$10,880,000
Contingency Drawdown	\$2,414,598
Contingency Index	2.0



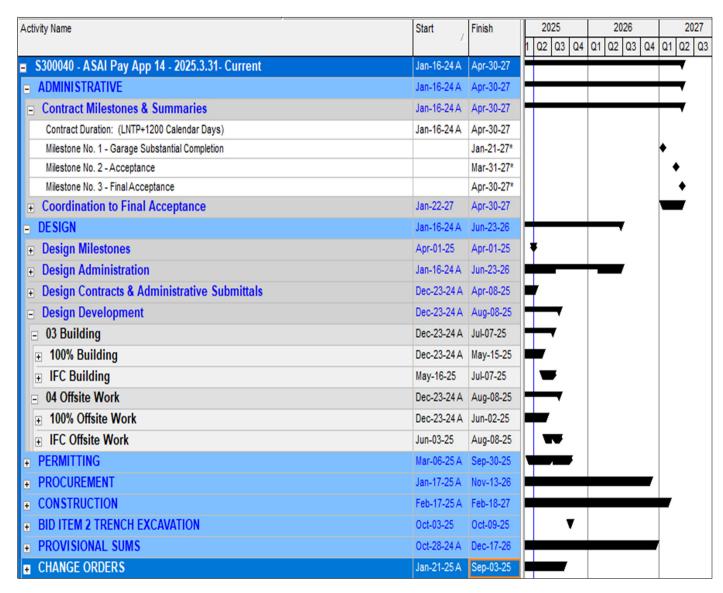
Forming & pacing pile caps/grade beams at Sumner

#### Design / Build Contract - Auburn Station Parking & Access Improvements

#### **Current Progress (Based on March Schedule Update)**

The Auburn SPAI Contractor, Absher, has accomplished the following:

- IFC DP02 foundation and utilities Completed.
- 60% DP03 Package completed Comment Resolution
- 60% DP04 Completed Comment Resolution.
- DP03 Building Permit under City of Auburn review.
- DP04 Offsite Work Permit under Address City review.
- Zone 2: Deep soil mixing for garage foundation Completed.
- A and 1st Street potholes Completed.



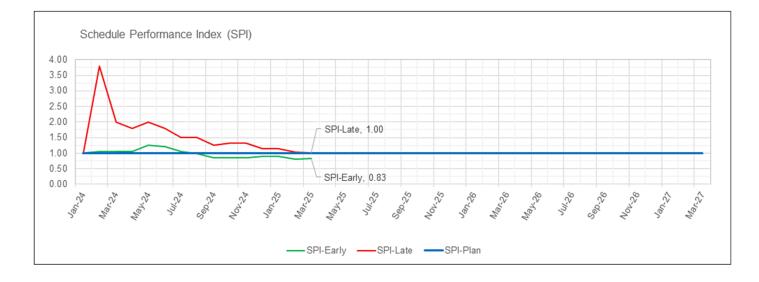
#### Design / Build Contract - Auburn Station Parking & Access Improvements

#### **Critical Path Analysis**

The critical path is based on April schedule's longest path. 266 activities are on the longest path. It starts with site and foundation design permitting, vaults, foundations garage structure, and elevator shaft construction. The path continues goes through elevator installations, testing, commissioning, substantial completion, and final acceptance.

#### **Schedule Performance Index**

Early SPI represents progress against an optimistic version of the contract baseline schedule. March period early SPI is 0.83 (compared to 0.81 last period). Late SPI represents progress against a more conservative schedule. Late SPI is 1.00 (compared to 1.02 last period). Main contributors of the Early SPI are deep soil mixing of Zones 1 steel fabrication—buyout and 100% building design. Deep soil mixing is on the longest path.



#### Design / Build Contract - Auburn Station Parking & Access Improvements

#### **Next Period Activities (March Schedule):**

- Completing DP03 and DP04 100% Drawings.
- Completing DP03 permit comment Incorporation and DP04 Permit City of Auburn comment receipt.
- Continue development/submittal, review and approval of designs, precast concrete, masonry, structural steel submittals, and others.
- Complete soil mixing in Zone 1.
- Form, rebar and Pour storm detention vault and Zone 1 spread, continuous and retaining walls footings.

#### **Closely Monitored Issues:**

- Finalizing permits.
- Completing Design Packages.
- Coordination with City of Auburn regarding ROW improvements and associated permits.

#### **Cost Summary**

Present Financial Status	Amount
SCR672 DB Contractor—Absher Const	ruction Co
Original Contract Value	\$60,000,000
Change Order Value	\$402,818
Current Contract Value	\$60,402,818
Total Actual Cost (Incurred to Date)	\$17,438,721
Percent Complete	29%
Authorized Contingency	\$11,000,000
Contingency Drawdown	\$402,818
Contingency Index	7.9

### **KPI Legend**

#### **Status Trend**

Status Indicator				
	Favorable Trend	Level Trend	Unfavorable Trend	
Meets or Exceeds Target			0	Color indicates performance against target.
Not meeting Target Minor Variance			A	Arrow direction indicates trend.  UP Arrow is Favorable.
Not meeting Target Major Variance	•		•	DOWN Arrow is Unfavorable.

#### **KPI Definition**

Cost			
	Current Estimate at Completion (EAC) is no more than 10% over the current published 2024 Financial Plan figure.		
	Current EAC is between 10% to 15% over the current published 2024 Financial Plan figure.		
	Current EAC is more than 20% over the 2024 Financial Plan figure.		

Schedule				
Current schedule reflects no change in RSD.				
Current schedule reflects possible change to RSD.				
Current schedule reflects change to RSD.				

Payn	Payment on System Expansion Contracts		
	Total invoice payment within 30 days of receipt of invoice; achieved 95% and above.		
	Total invoice payment within 30 days of receipt of invoice; achieved below 95%, but 80% and above.		
	Total invoice payment within 30 days of receipt of invoice; achieved below 80%.		

Construction Safety
Current Recordable Injury (RIR) and Lost-time Incident Rates (LTIR) are below 50% national averages.
Current Recordable Injury (RIR) and Lost-time Incident Rates (LTIR) are greater than 50% and less than 100% national averages.
Current incident rates are higher than the national averages.

#### **Acronyms**

Aoronym	Torminalogy
Acronym	Terminology
AA	Alternative Analysis
ACEC	American Council of Engineering Companies Washington State
AGC	Associated General Contractors of America
AHJ	Authority Having Jurisdiction
APTA	American Public Transportation Association
BAT Lanes	Business Access and Transit Lanes
BIM	Building Information Modeling
BLE	Ballard Link Extension
BNSF	Burlington Northern Sante Fe Railway
BRT	Bus Rapid Transit I-405 BRT Stride S1 Line and Stride S2 Line when referring to operations SR 522/NE 145th BRT Stride S3 Line when referring to operations
CCI	Consumer Cost Index
ССТВ	Close Circuit Television
CDD	Capital Delivery Department
CE	Categorical Exclusion, Conceptual Engineering, Cost Estimate
CM	Change Management, Construction Manager / Management
CO	Change Order
COE	Center of Excellence
СОМТО	Conference of Minority Transportation Officials
CPI	Consumer Price Index
CPM	Critical Path Method
CSP	Contracted Service Provider
CY	Current Year
DAHP	Department of Archaeology & Historical Preservation
DB	Design-Build
DBB	Design Bid Build
DBIA	Design-Build Institute of America
DBPM	Design-Build Project Management
DCE	Documented Categorical Exclusion
DEIS	Draft Environmental Impact Statement
DOT	Department of Transportation
DP	Design Package
DPD	Seattle Department of Planning and Development
DRLE	Downtown Redmond Link Extension
DSC	Differing Site Conditions
DSCR	Debt Service Coverage Ratio
DSDC	Design Support During Construction
DSRF	Debt Service Reserve Fund
EAC	Estimate at Completion
EFC	Estimated Final Cost
EIC	Employee-in-Charge
EIS	Environmental Impact Statement
ELE	East Link Extension
ELSL	East Link Starter Line (2 Line service between South Bellevue Station to Redmond Technology Station)

EMI Electro Magnetic Interference ESMS Environmental and Sustainability Management System EVLE Everett Link Extension FEIS Final Environmental Impact Statement FFGA Full Funding Grant Agreement FFGA Full Funding Grant Agreement FFGA Full Funding Grant Agreement FFWA Federal Highway Administration FSEIS Final Supplemental Environmental Impact Statement FTA Federal Transit Administration FTE Full Time Employee FWLE Federal Way Link Extension GG/CM General Contractor/Construction Management GEC General Engineering Contract HTLE Hilltop Tacoma Link Extension HVACA Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issus / Invitation for Bid IFC Issus for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KCM King County Metro KCM King County Metro ILINk lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Essaquan – Kirkland T Line (Effective May 2025) operates between Tacoma Dome and St. Joseph Hospital on Hilltop LISC Local Intitatives Support Corporation LLE Lynnwood Link Extension LIFT Light Rail Transit LRT Light Rail Transit LRT Light Rail Transit LRT Light Rail Transit LRT Light Rail Vehicle LTIR Moort Vehicle Excise Tax NCR Notification of Change Report NATOC Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NATOC Notification of Change Report NATOC Notification of Change Report NATOC Notification of Change Elimination System NPDES National Poliutant Discharge Elimination System NPDES National Poliutant Discharge Elimination System NPDEN Notice to Proceed	Acronym	Terminology
ESMS Environmental and Sustainability Management System  EVLE Everett Link Extension FEIS Final Environmental Impact Statement  FFGA Full Funding Grant Agreement FFGA Full Funding Grant Agreement FFWA Federal Highway Administration FSEIS Final Supplemental Environmental Impact Statement FTA Federal Transit Administration FTE Full Time Employee FWLE Federal Way Link Extension GC/CM General Contractor/Construction Management GEC General Engineering Contract HTLE Hillitop Tacoma Link Extension HVAC Heating, Venitlation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle LIRE Lynnwood Link Extension LIRT Light Rail Transit LIRT Light Rail Transit LRY Memorandum of Agreement MOU Memorandum of Agreement MOU Memorandum of Agreement MOU Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Verbicle Excise Tax NCR Notification of Change Report NEPA National Pollutant Discharge Elimination System		
EVLE Everett Link Extension FEIS Final Environmental Impact Statement FFGA Full Funding Grant Agreement FHWA Federal Highway Administration FSEIS Final Supplemental Environmental Impact Statement FTA Federal Transit Administration FTE Full Time Employee FWLE Federal Way Link Extension GC/CM General Contractor/Construction Management GEC General Contractor/Construction Management GEC General Engineering Contract HTLE Hillitop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective May 2025) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Believue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 5 Lical Initiatives Support Corporation LIE Lynnwood Link Extension LNTP Limited Notice to Proceed LRFP Log-range Financial Plan LRT Light Rail Transit LRV Light Rail Vehicle LTIR Lost-Time Injury Rate MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MATOC Multiple Award Task Order Contract MATOC Multiple Award Task Order Contract MOU Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax Nord Notification of Change Report NEPA National Pollutant Discharge Elimination System		
FEIS Final Environmental Impact Statement FFGA Full Funding Grant Agreement FHWA Federal Highway Administration FSEIS Final Supplemental Environmental Impact Statement FTA Federal Transit Administration FTE Full Time Employee FWLE Federal Way Link Extension GC/CM General Contractor/Construction Management GEC General Engineering Contract HTLE Hilltop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmod 3 Line Future lines between Everett — West Seattle 4 Line Future lines between Everett — West Seattle 4 Line Future lines between Everett — West Seattle 4 Line Future lines between Future Saquah — Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hoapital on Hilltop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Juderstanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Pollutant Discharge Elimination System		
FFGA Full Funding Grant Agreement FHWA Federal Highway Administration FSEIS Final Supplemental Environmental Impact Statement FTA Federal Transit Administration FTE Full Time Employee FWLE Federal Way Link Extension GC/CM General Contractor/Construction Management GEC General Engineering Contract HTLE Hillitop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KKP Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Tocoma Dome and St. Joseph Hospital on Hillitop LIRE Lynnwood Link Extension LIFE Lynnwood Link Extension LIFE Ling-range Financial Plan LRT Light Rail Transit LRY Light Rail Transit LRY Light Rail Transit LRY Light Rail Transit MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOA Memorandum of Agreement MOU Memorandum of Agreement MOU Memorandum of Agreement MOU Memorandum of Charge Report NEPA National Pollutant Discharge Elimination System		
FHWA   Federal Highway Administration		'
FSEIS Final Supplemental Environmental Impact Statement FTA Federal Transit Administration FTE Full Time Employee FWLE Federal Way Link Extension GC/CM General Contractor/Construction Management GEC General Engineering Contract HTLE Hillitop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle LIE Local Initiatives Support Corporation LLE Lynnwood Link Extension LNTP Limited Notice to Proceed LRFP Long-range Financial Plan LRT Light Rail Transit LRT Light Rail Transit LRY Light Rail Transit LRV Light Rail Vehicle LTIR Lost-Time Injury Rate MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOA Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NPDES National Pollutant Discharge Elimination System		
FTA Federal Transit Administration FTE Full Time Employee FWLE Federal Way Link Extension GC/CM General Contractor/Construction Management GEC General Engineering Contract HTLE Hilltop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop LISC Local Initiatives Support Corporation LLE Lynnwood Link Extension LNTP Limited Notice to Proceed LRFP Long-range Financial Plan LRT Light Rail Transit LRV Light Rail Transit LRV Light Rail Transit LRV Light Rail Transit LRV Light Rail Transit MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOOU Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NPDES National Pollutant Discharge Elimination System		
FTE Full Time Employee FWLE Federal Way Link Extension GC/CM General Contractor/Construction Management GEC General Engineering Contract HTLE Hilltop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective August 2024) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle LISC Local Initiatives Support Corporation LIE Lynnwood Link Extension LITE Light Rail Transit LRT Light Rail Transit LRT Light Rail Transit LRT Light Rail Transit LRV Light Rail Vehicle LTIR Lost-Time Injury Rate MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOA Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NPDES National Pollutant Discharge Elimination System		
FWLE Federal Way Link Extension  GC/CM General Contractor/Construction Management  GEC General Engineering Contract  HTLE Hilltop Tacoma Link Extension  HVAC Heating, Ventilation, and Air Conditioning  ICD Integration Control Document  IFB Issue / Invitation for Bid  IFC Issue for Contract / Construction  JARPA Joint Aquatic Resource Permit Application  KCM King County Metro  KPI Key Performance Indicators  LIHI Low Income Housing Institute  Link lines I Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond  3 Line Future lines between Everett – West Seattle  4 Line Future lines between Issaquah – Kirkland  T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Transit  LRV Light Rail Vehicle  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Flumbing/Fire Sprinkler  MOA Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NPDES National Pollutant Discharge Elimination System		
GC/CM General Engineering Contract HTLE Hilltop Tacoma Link Extension HYAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective August 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation LLE Lynnwood Link Extension LNTP Limited Notice to Proceed LRFP Long-range Financial Plan LRT Light Rail Transit LRY Light Rail Transit LRY Light Rail Transit LRT Light Rail Transit LRT Light Rail Vehicle LTIR Lost-Time Injury Rate MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOA Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NPDES National Pollutant Discharge Elimination System		
GEC General Engineering Contract HTLE Hilltop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective May 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hillitop LISC Local Initiatives Support Corporation LLE Lynnwood Link Extension LINTP Limited Notice to Proceed LRFP Long-range Financial Plan LRT Light Rail Transit LRV Light Rail Transit LRV Light Rail Transit LRV Light Rail Vehicle LTIR Lost-Time Injury Rate MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOA Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NPDES National Pollutant Discharge Elimination System		·
HTLE Hilltop Tacoma Link Extension HVAC Heating, Ventilation, and Air Conditioning ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop LISC Local Initiatives Support Corporation LLE Lynnwood Link Extension LNTP Limited Notice to Proceed LRFP Long-range Financial Plan LRT Light Rail Transit LRY Light Rail Transit LRV Light Rail Transit LRV Light Rail Vehicle LTIR Lost-Time Injury Rate MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOA Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NPDES National Pollutant Discharge Elimination System		, and the state of
HVAC Heating, Ventilation, and Air Conditioning  ICD Integration Control Document  IFB Issue / Invitation for Bid  IFC Issue for Contract / Construction  JARPA Joint Aquatic Resource Permit Application  KCM King County Metro  KPI Key Performance Indicators  LIHI Low Income Housing Institute  Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation  LIEL Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Transit  LRV Light Rail Transit  LRY Light Rail Transit  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NDDES National Pollutant Discharge Elimination System		, ,
ICD Integration Control Document IFB Issue / Invitation for Bid IFC Issue for Contract / Construction JARPA Joint Aquatic Resource Permit Application KCM King County Metro KPI Key Performance Indicators LIHI Low Income Housing Institute Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Iffective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop LISC Local Initiatives Support Corporation LLE Lynnwood Link Extension LNTP Limited Notice to Proceed LRFP Long-range Financial Plan LRT Light Rail Transit LRV Light Rail Vehicle LTIR Lost-Time Injury Rate MACC Maximum Allowable Construction Cost MATOC Multiple Award Task Order Contract MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler MOA Memorandum of Agreement MOU Memorandum of Understanding MOW Maintenance of Way MUP Master Use Permit MVET Motor Vehicle Excise Tax NCR Notification of Change Report NOAA National Environmental Policy Act NOAA National Pollutant Discharge Elimination System		'
IFB Issue / Invitation for Bid IFC Issue for Contract / Construction  JARPA Joint Aquatic Resource Permit Application  KCM King County Metro  Key Performance Indicators  LIHI Low Income Housing Institute  Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond  3 Line Future lines between Everett – West Seattle 4 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Understanding  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Pollutant Discharge Elimination System		
IFC		ŭ
JARPA Joint Aquatic Resource Permit Application  KCM King County Metro  KPI Key Performance Indicators  LIHI Low Income Housing Institute  Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hillitop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
KCM         King County Metro           KPI         Key Performance Indicators           LIHI         Low Income Housing Institute           Link lines         1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop           LISC         Local Initiatives Support Corporation           LLE         Lynnwood Link Extension           LNTP         Limited Notice to Proceed           LRFP         Long-range Financial Plan           LRT         Light Rail Transit           LRV         Light Rail Vehicle           LTIR         Lost-Time Injury Rate           MACC         Maximum Allowable Construction Cost           MATOC         Multiple Award Task Order Contract           MEPF         Mechanical/Electrical/Plumbing/Fire Sprinkler           MOA         Memorandum of Agreement           MOU         Memorandum of Understanding           MOW         Maintenance of Way           MUP         Master Use Permit           MVET         Motor Vehicle Excise Tax           NCR         Notification of Change Report		
KPI Key Performance Indicators  LIHI Low Income Housing Institute  1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Pollutant Discharge Elimination System	_	
LIHI Low Income Housing Institute  Link lines 1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Pollutant Discharge Elimination System		· · ·
Link lines  1 Line (Effective August 2024) refers to Link light rail between Lynnwood and Angle Lake 2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax NCR Notification of Change Report  NCPA National Pollutant Discharge Elimination System		
2 Line (Effective May 2025) refers to Link light rail operating between South Bellevue and Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph Hospital on Hilltop  LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Fixed Tacom Tacom South Bellevue and Downton South Bellevue and Downton South Bellevue and Downton South Bellevue and Downton Bellevue and Do		ř
LISC Local Initiatives Support Corporation  LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Pollutant Discharge Elimination System		Downtown Redmond 3 Line Future lines between Everett – West Seattle 4 Line Future lines between Issaquah – Kirkland T Line (Effective September 2023) operates between Tacoma Dome and St. Joseph
LLE Lynnwood Link Extension  LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Pollutant Discharge Elimination System	LISC	·
LNTP Limited Notice to Proceed  LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Pollutant Discharge Elimination System		
LRFP Long-range Financial Plan  LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
LRT Light Rail Transit  LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Pollutant Discharge Elimination System		
LRV Light Rail Vehicle  LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		Ţ Ţ
LTIR Lost-Time Injury Rate  MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		-
MACC Maximum Allowable Construction Cost  MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
MATOC Multiple Award Task Order Contract  MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		·
MEPF Mechanical/Electrical/Plumbing/Fire Sprinkler  MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
MOA Memorandum of Agreement  MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
MOU Memorandum of Understanding  MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		· ·
MOW Maintenance of Way  MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		-
MUP Master Use Permit  MVET Motor Vehicle Excise Tax  NCR Notification of Change Report  NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
MVET       Motor Vehicle Excise Tax         NCR       Notification of Change Report         NEPA       National Environmental Policy Act         NOAA       National Oceanic and Atmospheric Administration         NPDES       National Pollutant Discharge Elimination System		
NCR       Notification of Change Report         NEPA       National Environmental Policy Act         NOAA       National Oceanic and Atmospheric Administration         NPDES       National Pollutant Discharge Elimination System		
NEPA National Environmental Policy Act  NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
NOAA National Oceanic and Atmospheric Administration  NPDES National Pollutant Discharge Elimination System		
NPDES National Pollutant Discharge Elimination System		·

Acronym	Terminology
NWCCC	Northwest Construction Consumer Council
ocs	Overhead Catenary System
O&M	Operations and Maintenance
OMF	Operations and Maintenance Facility
OSHA	Occupational Safety and Health Administration
PA	Public Address System
PE	Preliminary Engineering
PDB	Progressive Design-Build
PMIS	Project Management Information System
	·
PMOC	Project Management Oversight Consultant
PNW CMAA	Pacific Northwest Chapter of the Construction Management Association of America
PSCAA	Puget Sound Clean Air Agency
PSRC	Puget Sound Regional Council
Q	Quarter
QA	Quality Assurance
QC	Quality Control
QRA	Quantitative Risk Analysis
RE	Resident Engineer
RFC	Request for Change
RFD	Request for Deviation
RFEI	Request for Expression of Interest
RFI	Request for Information
RFP	Request for Proposal
RFQ	Request for Qualifications
RIR	·
	Recordable Injury Rates
RMP	Risk Management Plan
ROD	Record of Decision
ROW	Right-of-way
ROWI	Right-of-way Index
RSD	Revenue Service Date
SCADA	Supervisory Central and Data Acquisition
SCC	Standard Cost Categories
SCL SDEIS	Seattle City Light Supplemental Draft Environmental Impact Statement
SEPA	·
SIT	State Environmental Policy Act System Integrated Testing
SODO	South of Downtown
SOGR	State of Good Repair
Sounder lines	N Line – formerly Sounder North. Operates between Everett and Seattle
	S Line – formerly Sounder South. Operates between Lakewood and Seattle
SOW	Scope of Work
SPI	Schedule Performance Index
SRTSI	Sounder Rail Track & Signals Improvements Project
SSCE	Sounder South Capacity Expansion Project
ST	Sound Transit

Acronym	Terminology
TAG	Technical Advisory Group
TBM	Tunnel Boring Machine
TCAL	Temporary Construction Airspace Lease
TCE	Temporary Construction Easement
TDLE	Tacoma Dome Link Extension
TE	Traction Electrification
TIFIA	Transportation Infrastructure Finance and Innovation Act
TIP	Transit Improvement Plan
TJPA	Transbay Joint Powers Authority
TOD	Transit Oriented Development
TPSS	Traction Power Substation
TVM	Ticket Vending Machine
USFWS	U.S. Fish and Wildlife Service
VE	Value Engineering
VECP	Value Engineering Cost Proposal
VMS	Video Management Systems
WMATA	Washington Metropolitan Area Transit Authority
WDFW	Washington Department of Fish and Wildlife
WSDOT	Washington State Department of Transportation
WSLE	West Seattle Link Extension
WSTC	Washington State Transportation Commission
WTS	Women's Transportation Seminar
YOE	Year of Expenditure