



SOUND TRANSIT TECHNICAL ADVISORY GROUP

TASK 1: COMPREHENSIVE REVIEW

Sound Transit Board System Expansion Committee

October 13, 2022





Today's Presentation

- Meet the Technical Advisory Group (TAG)
- Tasks
- Timeline and Process
- Task 1
- Key Recommendations
- Key Takeaways
- Next Steps
- Q&A

Meet the TAG



**CONNIE
CRAWFORD**



**GRACE
CRUNICAN**



**ERIC
GOLDWYN**



**KEN
JOHNSEN**



**GREG
JOHNSON**



**JIM
LINTHICUM**



**ROGER
NATSUHARA**



**DENNIS
O'NEILL**

Tasks

SOUNDTRANSIT

ST3 COST ESTIMATE & GENERAL ASSESSMENT SERVICES

TASK 1: Draft Report of Significant Findings and Recommendations

(RTA/RP 0229-20)

REVISED APPENDIX A

PREPARED BY
Triunity Inc.
Ott-Sakai & Associates LLC
Commonstreet Consulting
Capo Projects Group
Arcadis

TRIUNITY

NOVEMBER 15, 2021

Comprehensive review

Sound Transit future service

- Link light rail**
 - Future service:
 - 1 Line: Everett-Seattle
 - 2 Line: Everett-Redmond
 - 3 Line: Everett-West Seattle
 - 4 Line: South Ballard-Longship
 - 5 Line: Tacoma-Duwamish-Tacoma Community College
 - In service:
 - Northgate-Airport-Lake
 - Tacoma-Duwamish-Thruway District
- Sounder trains**
 - Future service:
 - 1 Line: Everett-Seattle
 - 2 Line: Everett-Redmond
 - 3 Line: Everett-Seattle
 - In service:
 - 1 Line: Everett-Seattle
 - 2 Line: Everett-Redmond
- Stride bus rapid transit**
 - Future service:
 - S1 Line: Bellevue-Burien
 - S2 Line: Lynnwood-Bellevue
 - S3 Line: Shoreline-Bellevue
 - In service:
 - 1 Line: Seattle-University
- ST Express buses**
 - Future service:
 - S1 Line: Everett-Seattle
 - In service:
 - 1 Line: Everett-Seattle

For more details, including current project schedules, go to: soundtransit.org/system

SOUNDTRANSIT

Case study



Final report

Timeline and Process



July 2022:
Committees
established

October 2022:
Comprehensive
review

December 2022:
Case study (*tent.*)

June 2022:
TAG convened

August 2022: In-person,
two-day workshop in
Seattle

Ongoing: Weekly TAG and committee
meetings, ST staff, Board member, and
consultant interviews, collaboration with the
Board's Independent Consultant

Q1 2023:
Final
report





SOUNDTRANSIT

ST3 COST ESTIMATE & GENERAL ASSESSMENT SERVICES

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Task 1

- Review relevant documents, including:
 - *System Expansion Implementation Plan*
 - *Triunity recommendations*
 - *Eno Center for Transportation's 2021 report "Saving Time and Making Cents: A Blueprint for Building Transit Better"*
 - *Associated General Contractors of WA recommendations*
- Provide an expert opinion(s) of applicability and expected results from incorporating recommendations



Key Recommendations

- Organizational structure and governance
- Early action
- Project reporting

Organizational Structure & Governance

EXISTING RECOMMENDATION	WHAT IT DELIVERS
Create a position clearly responsible for overall capital program, accountable to CEO	Clear accountability for overall capital program and streamlined decision-making
Discipline in maintaining board and executive roles: Board of Directors focused on policy, executive focused on project delivery and operations	Stronger accountability and better decision-making
Assign project directors that oversee each ST3 project from conception to completion	A project champion to push the project forward
Small, multi-disciplinary teams of experienced capital delivery staff for each project with authority and expectation to make <i>on the spot decisions</i>	Nimble decision-making to create and maintain momentum

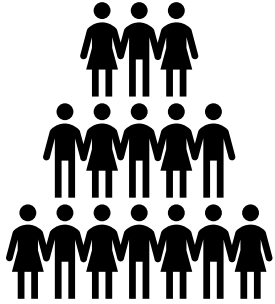
Early Action

EXISTING RECOMMENDATION	WHAT IT DELIVERS
Create an early action plan with resources for property acquisition	Saves time and money, builds momentum for project delivery
Reform policies and practices to address significant shortcomings related to utility relocation	Getting out ahead of potential utility issues earlier saves time and money
Create clear Board policies on what betterments and improvements can and cannot be granted	Eliminates uncertainty about betterments and expedites project delivery
Standardize project components (such as stations) wherever possible	Minimizes betterments, optimizes capital and maintenance costs
Have a more disciplined NEPA process	Shortens duration of the planning process

Project Reporting

EXISTING RECOMMENDATION	WHAT IT DELIVERS
Develop dashboard with clear information on current scope, schedule, budget, and risks for all ST3 projects	Enables board and executives to track progress and assess impacts of board and agency decisions
Maintain fully-developed risk register from beginning of projects	Promotes transparency and gives decision-makers information on long-term trends and issues in a specific project

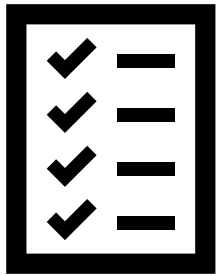
Key Takeaways



DECISION-MAKING

Organizational structure

Executive leadership, Board, and staff

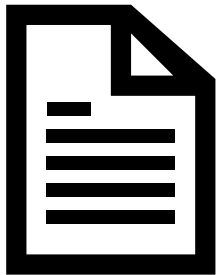


EARLY ACTION

Real estate and utilities

Third-party agreements

NEPA

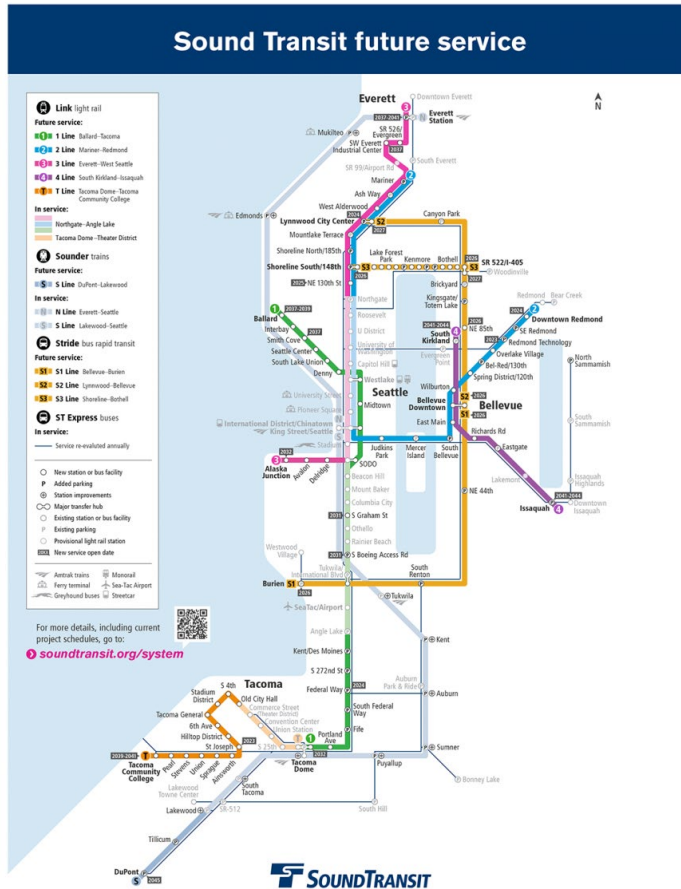


PROJECT REPORTING

Dashboard

Risk

Next Steps



Conduct case study



Final report

Questions?