

Item No.	8e_supp
Date of Meeting	April 27, 2021

S. 188th Street Tunnel

Design Authorization

Project Budget and Schedule

Shared Port/City of SeaTac facility

Expanded scope and budget to include life safety systems

- Original Budget: \$ 6,200,000
- Revised Budget: \$24,500,000

Key Schedule Milestones:

- Design Start Q3 2021
- Construction Start Q2 2023
- In-Use Date Q2 2024



Project Scope

Scope Items:

- Structural (crack sealing/spall repair)
- Civil (sidewalk/pedestrian barrier, signage)
- Electrical (lighting, power, emergency power)
- Mechanical (ventilation, fire suppression)
- Communication and Special Systems (fire detection/alarm, carbon monoxide monitoring, security, egress/traffic management)



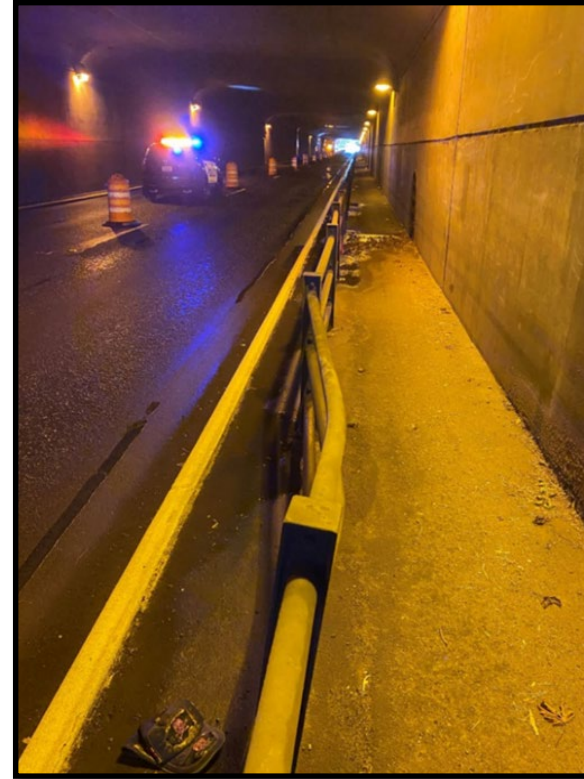
Existing Facility Conditions



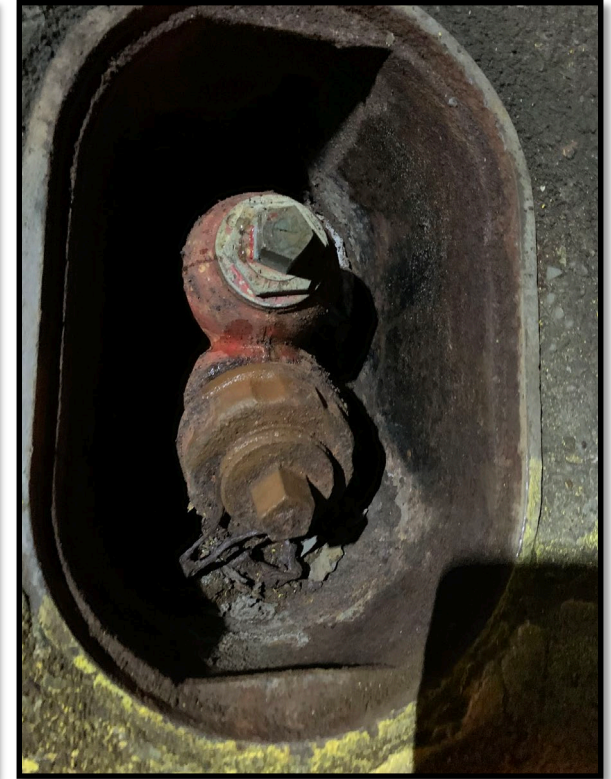
Egress Doorway



Fire Alarm Station

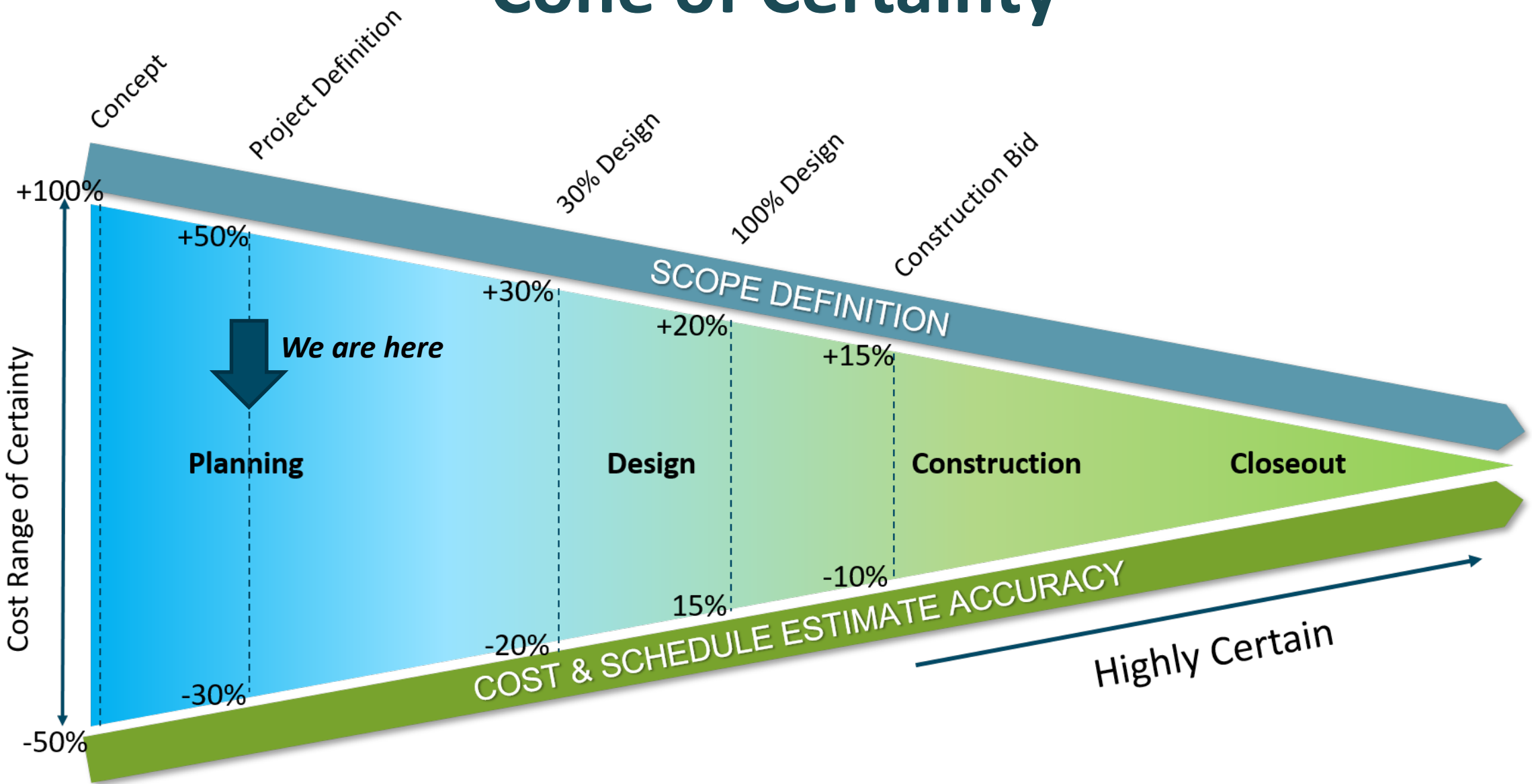


Railing



Fire Hydrant

Cone of Certainty



Lessons Learned from Previous Projects

Past Lessons Learned	Current Project Application
Engage 3rd Party Commissioning during design to determine Commissioning requirements	Included in budget and design phase schedule
Review sales tax exemption opportunities with transportation projects	Identified as opportunity to obtain approval for sales tax exemption

Project Risks

Risk	Description	Probability	Impact	Mitigation Plan
City of SeaTac/ Puget Sound Regional Fire Authority (PSRFA)	City of SeaTac or PSRFA request scope changes	High	Medium	Use ILA Pre-Application Checklist process to manage scope
Fiber Connection	Additional fiber capacity may be required than available	High	Medium	Define communication requirements; F&I and ICT defining existing pathways
Fire Analysis	Taxiway A/B Fire Analysis may add signage or other scope	High	Low	Coordinate with Taxiway A/B team to track progress
Taxiway A/B	Taxiway A/B may modify scope to support future compatibility	Low	Medium	Coordinate with Taxiway A/B team to identify requirements