

WSF-CHARTING A NEW COURSE

WASHINGTON STATE TRANSPORTATION COMMISSION

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WSF STRATEGIC DIRECTION

Moving our iconic ferry system forward successfully, and in alignment with the WSDOT Strategic Plan, requires a focus on three simple strategic priorities



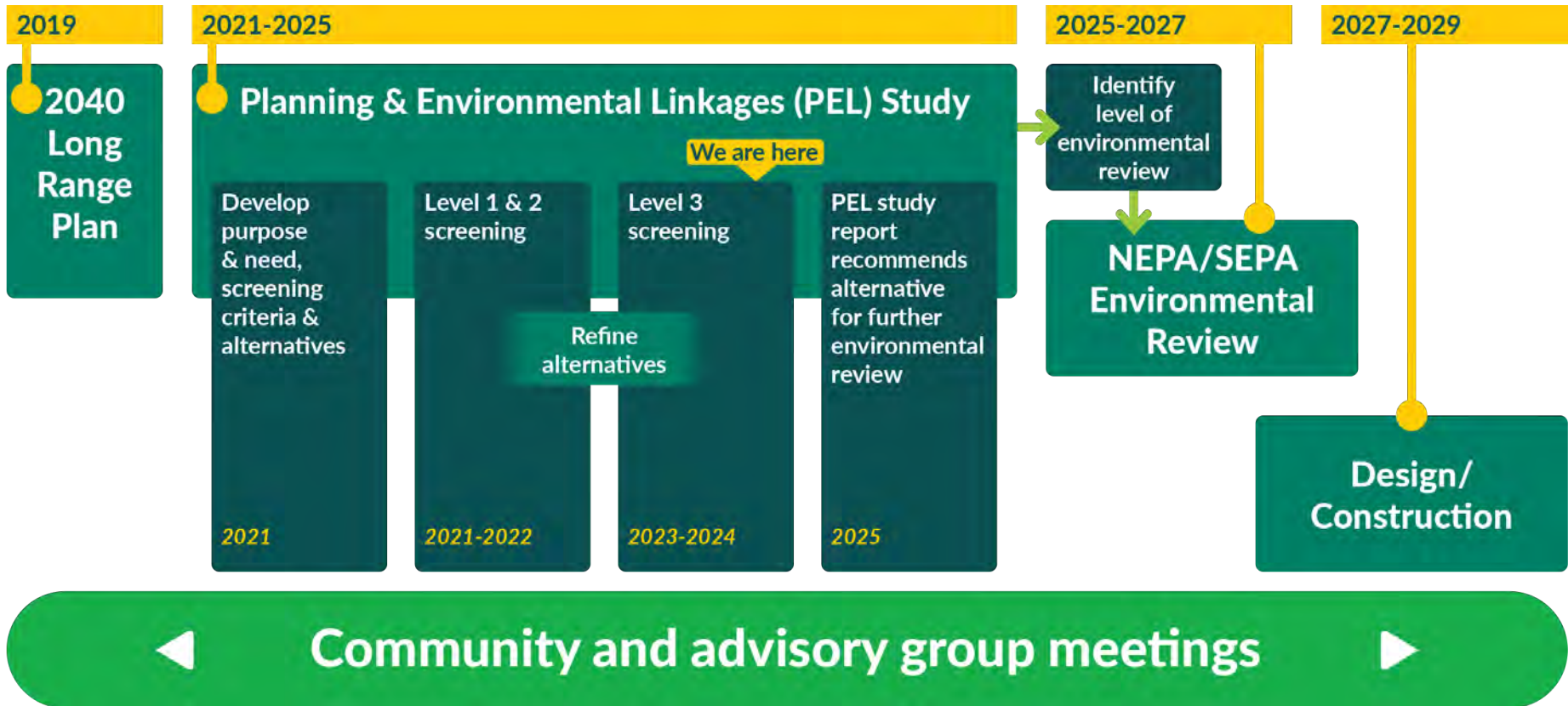
REPLACING THE FAUNTLEROY FERRY TERMINAL

WSF needs to replace the 70-year-old Fauntleroy ferry terminal

- Structural and seismic challenges
- Rising sea level
- Operational challenges



PROJECT TIMELINE



ALTERNATIVES



Good To Go! AND ADVANCED TICKETING

Goals

- Improve **operational efficiency**, including processing vehicles more efficiently and supporting on-time performance.
- Determine feasible **solutions for implementing *Good To Go!*** at Fautleroy that WSF could replicate at other terminals.
- Identify **policy changes** necessary to support *Good To Go!*
- Evaluate the viability of **maintaining the current dock size** at the terminal.



Good To Go! AND ADVANCED TICKETING



Approach

- Wave2Go advance ticketing and *Good To Go!* technology.
- Evaluate four *Good To Go!* options and one Wave2Go ticketing only option for all Level 3 alternatives.
- Measure processing time using traffic model data.

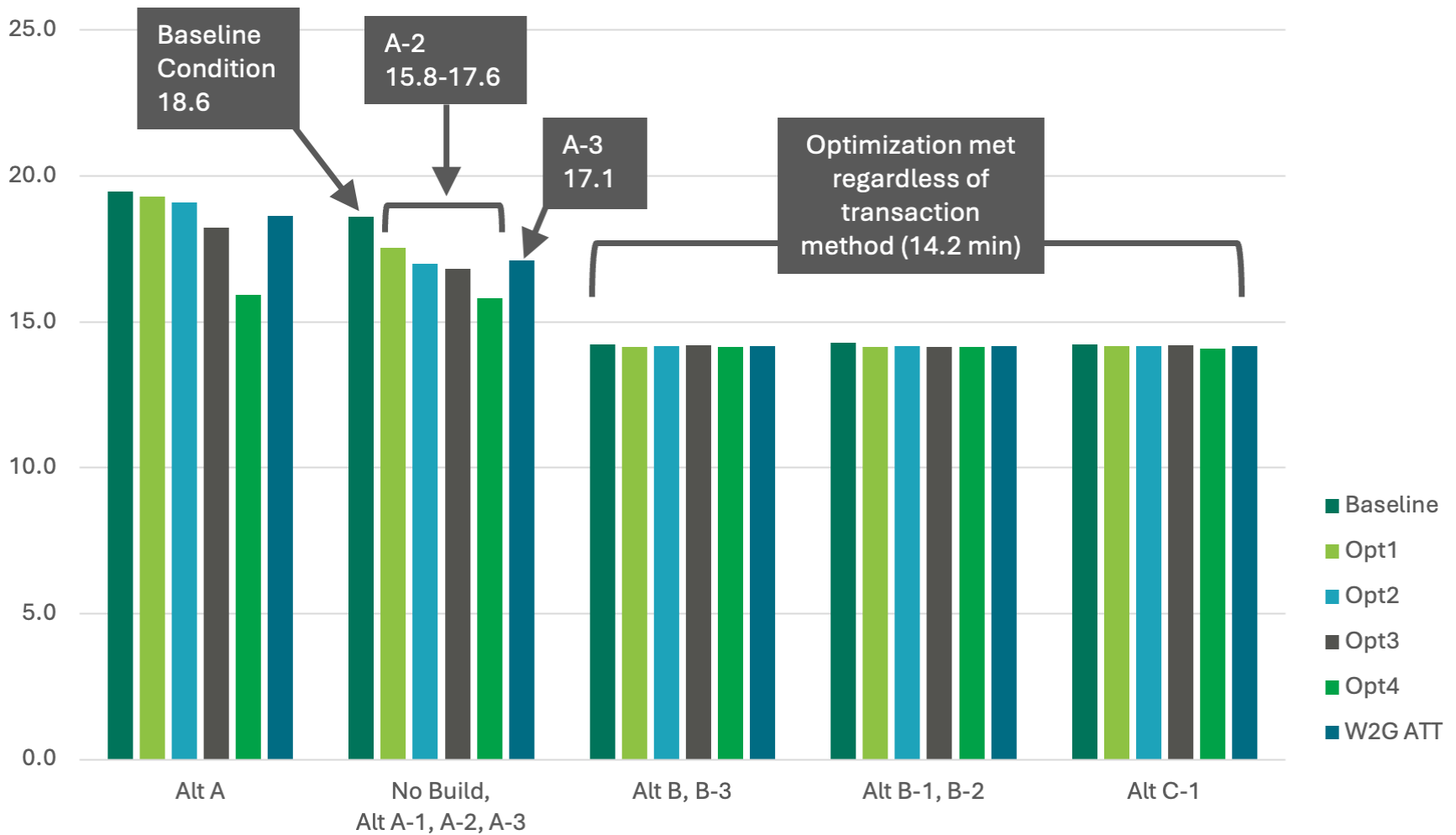
SCREENING CRITERIA

Criteria	Performance factors
Ability to improve operational efficiency (i.e., minimize dwell time, process vehicles more efficiently, maintain on-time performance).	<ul style="list-style-type: none">• How does the alternative maintain or improve ferry schedule reliability (timely and reliable loading and unloading)?• How does the alternative change vehicle queuing on Fauntleroy Way?
Alignment with current project schedule .	<ul style="list-style-type: none">• What is the timeline to construct?
Project cost (design, planning, right of way, risk, construction) alignment with funding.	<ul style="list-style-type: none">• What is the estimated cost compared to available funding?• What is the estimated cost of temporary facilities and operations during construction to maintain service?
Policy risk .	<ul style="list-style-type: none">• Based on existing policies, does the alternative present risk for substantial project delay?

STUDY METRICS

- **Schedule sailing dwell time versus model dwell time:** Three-boat scheduled sailing dwell times compared to model unload and load time.
- **Queuing:** Vehicle queue length and queue length over time.
- **Implementation costs and schedule:** Cost and time to implement.
- **Customer experience:** Fares, on time departures, less time unloading and loading, lower toll booth payment wait times, less backup along Fauntleroy Way SW, etc.
- **Policy and fares:** Balance technology and revenue neutrality with policies.

STUDY RESULTS



STUDY RESULTS

The study results show *GTG!* and W2G offer **minimal benefits to operational efficiency** for Level 3 alternatives.

- **Minimal time savings:** Do not significantly help meet WSF's on-time performance metrics.
- **Fare increases:**
 - *GTG!* Options 1 and 2 do not increase fares.
 - *GTG!* Options 3 and 4 increase fares by about 30 percent to align with available technology.
- **Policy risk:** Fare increases with *GTG!* Options 3 and 4 do not align with:
 - Federal Transit Act: Requires fare discounts due to age and disability, tribal agreements and state laws.
 - Healthy Environment for All Act and Title VI plan: Disproportionate impacts to historically underserved and overburdened communities.
- **Cost and schedule:** *GTG! Options 3 and 4* costs \$14 to 17 million and would risk delay WSF's work to replace the terminal on time.

RECOMMENDATIONS

- Based on the study results, WSF recommends **pairing *GTG!* Option 2 with Alternative A-2** and **advancing A-3 (W2G advance ticketing only)** to Level 3 screening.
 - **Alternative A-2** with *GTG!* Option 2 best balances operational efficiency time savings up to 1.5 minutes or 10 percent, retains the current fare structure, costs less and aligns with the project schedule.
 - **Alternative A-3** W2G advance ticketing provides a shorter, lower-cost option saving up to 1.5 minutes or 10 percent. Future funding is planned to improve the W2G system with more efficient service and better customer experience.

Questions?

For additional information, please contact:

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