



**COMMISSION
AGENDA MEMORANDUM**

Item No. 8j

ACTION ITEM

Date of Meeting February 13, 2024

DATE: February 2, 2024

TO: Stephen P. Metruck, Executive Director

FROM: Wendy Reiter, Director Aviation Security
Eileen Francisco, Director, Aviation Project Management

SUBJECT: Automated Screening Lanes Checkpoint Conversion Project (CIP# C801420)

Amount of this request: \$12,000,000

Total estimated project cost: \$12,250,000

ACTION REQUESTED

Request a single Commission authorization for \$12,000,000 for the Executive Director to take all steps necessary, including the execution of all contracts, including Public Works, Alternative Public Work procedures in accordance with RCW 39.10, Goods and Services Personal Services, Professional Services, other consulting services, and any other types of contracts or agreements to complete this project.

EXECUTIVE SUMMARY

This project will replace Automated Screening Lanes (ASLs) with standard (non-automated) screening lanes at passenger Security Checkpoints 2 and 3 at Seattle-Tacoma International Airport (Airport). This work will be completed in Q2 2024 using a combination of design and construction contracts and port forces. This project is supported by the Transportation Security Administration (TSA) to mitigate security lines and improve customer service at the Airport.

JUSTIFICATION

Passenger loads continue to increase and create long lines at the Airport's passenger security checkpoints. There were 50.8 million passengers in 2023, and there is forecasted to be 52.6 million in 2024. Currently installed ASL's are not providing the passenger throughput expected, therefore creating inefficiencies at the passenger Security Checkpoints at which they are installed, Checkpoints 2, 3 and 5. In addition to underperforming, ASLs regularly go out of service for maintenance issues, causing frustrations for passengers and the TSA.

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Diversity in Contracting

For construction, the project team plans to utilize (1) an existing IDIQ design contract, which has a 25% WMBE goal, and (2) an existing Job Order Contract, which has a 6.3% DBE goal.

DETAILS

This project will make modifications to the screening lanes at passenger Security Checkpoints 2 and 3. The project will convert the Automatic Screening Lanes (ASLs) to standard screening lanes like those being used at Checkpoints 1, and 4, along with all supporting infrastructure. This project will provide the Airport with an additional four security checkpoint lanes and improved queuing space within the terminal. Achieving this project before the busy summer period has risks, specifically regarding: quality of design, reducing time for investigations, and construction pushing out beyond intended into the busy period.

Security Checkpoint 5 will be converted to all standard lanes, as well, inside of the scope for the SEA Gateway Project.

Scope of Work

Demolish existing security screening systems at checkpoints two and three. Deliver and install new security equipment, provide additional infrastructure as needed, and complete final system testing and integration of security lanes.

Schedule

Activity

Commission Design & Const. Authorization	2024 Q1
Design start	2024 Q1
Construction start	2024 Q2
In-use date	2024 Q3

Cost Breakdown

	This Request	Total Project
Design	\$1,500,000	\$1,750,000
Construction	\$10,500,000	\$10,500,000
Total	\$12,000,000	\$12,250,000

ALTERNATIVES AND IMPLICATIONS CONSIDERED

Alternative 1 – Checkpoints two and three would remain with ASLs in place, rather than removing and converting them back to traditional lanes. This would keep the number of lanes at eight and seven respectively and would not increase the number of lanes.

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Cost Implications: This would not seek to spend any money on increasing the number of lanes. There would be no cost implications.

Pros:

- (1) No capital cost.
- (2) Avoids the risk of construction spilling over into summer and causing increased congestion at checkpoints during a busy season.

Cons:

- (1) Does not address the current congestion issues due to lack of suitable lane numbers at the Port’s checkpoints.
- (2) Does not support new security directive of providing qualified equipment that meets the new Checkpoint Property Screening System (CPSS) requirements.

This is not the recommended alternative.

Alternative 2 – Replace 15 ASLs at with 19 traditional screening lanes. In this alternative the work would be undertaken with a full checkpoint shutdown at a time. Checkpoint two will be prioritized for K-9 screening, with construction for checkpoint three starting once checkpoint two is finished.

Cost Implications: This would be the less expensive alternative for the construction work. By shutting down a whole checkpoint, all stages of construction can more efficiently utilize the space.

Pros:

- (1) Faster than alternative two by shutting down a whole checkpoint at a time and allowing for more efficient construction work.
- (2) Once checkpoint two is back online, there will be additional lanes to ease some of the negative congestion effects during checkpoint three’s construction.

Cons:

- (1) Will have negative congestion effects during the construction periods.

This is the recommended alternative.

<i>Cost Estimate/Authorization Summary</i>	Capital	Expense	Total
COST ESTIMATE			
Original estimate	\$12,000,000	\$0	\$12,000,000
AUTHORIZATION			
Previous authorizations	\$250,000	0	\$250,000
Current request for authorization	\$12,000,000	0	\$12,000,000
Total authorizations, including this request	\$12,250,000	0	\$12,250,000
Remaining amount to be authorized	\$0	\$0	\$0

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ATTACHMENTS TO THIS REQUEST

None

PREVIOUS COMMISSION ACTIONS OR BRIEFINGS

None