

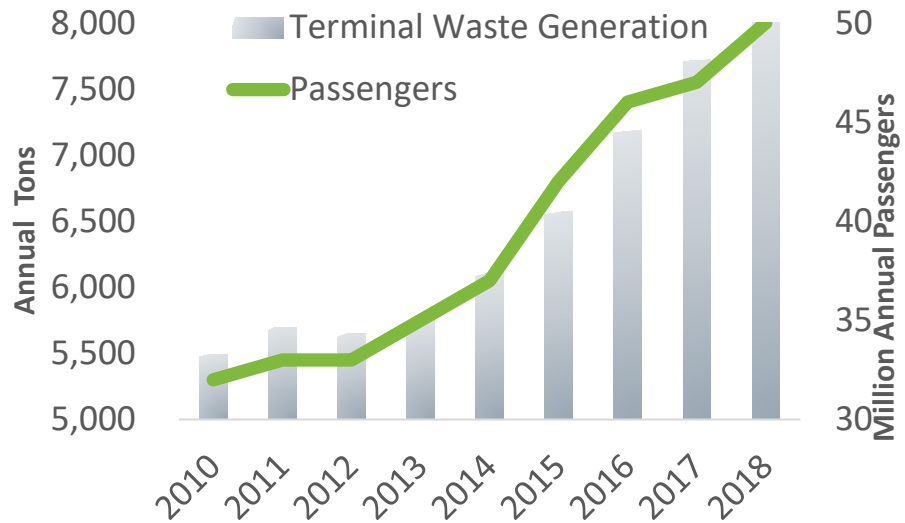
Item No.	8h_supp
Date of Meeting	April 12, 2022

Airport Terminal Solid Waste Project Construction Authorization

Commission Meeting
April 12, 2022

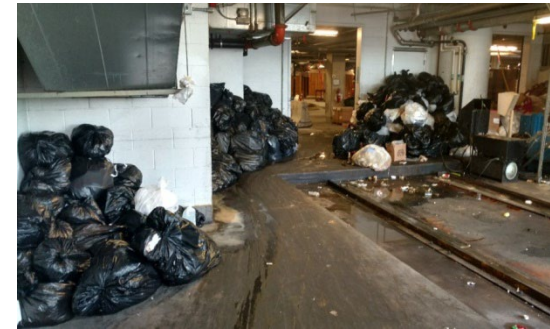


Project Purpose



Project addresses waste from Terminal:

- Passenger Growth
- Diversion Goals
- Sanitation Concerns
- Capacity Challenges
- Lack of Space
- Need for Wash Stations

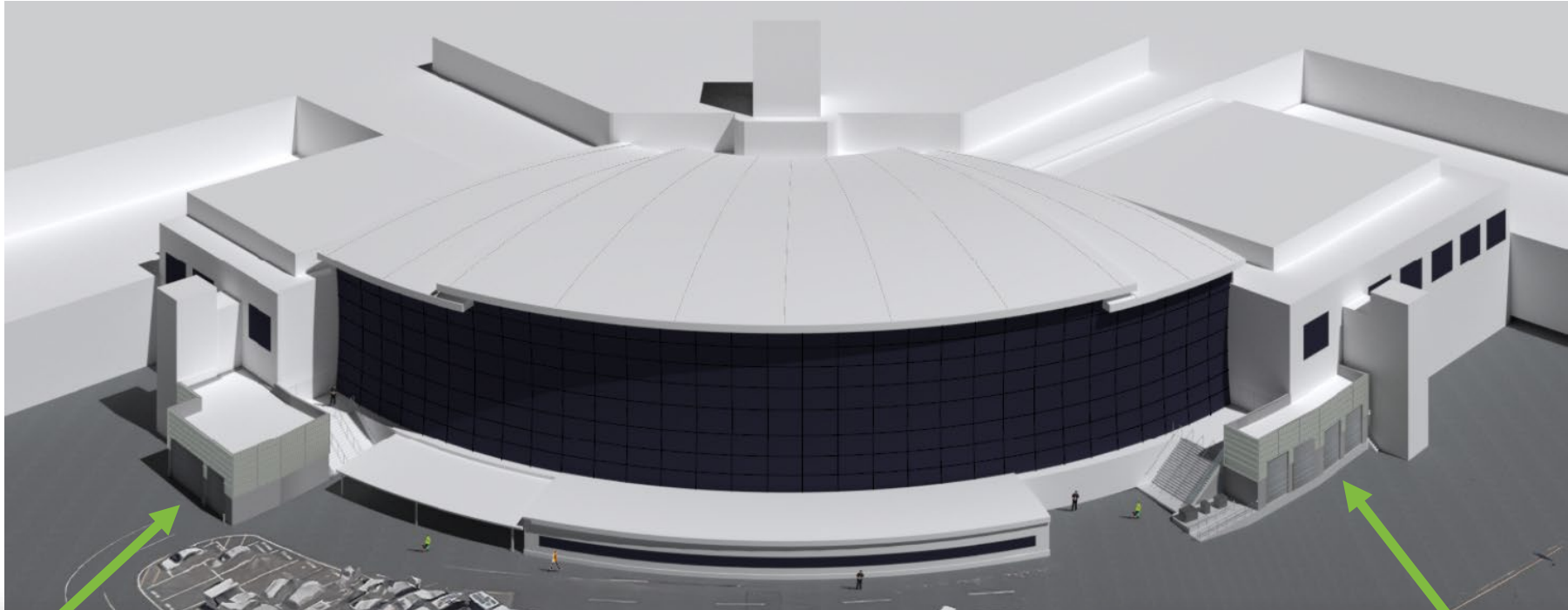


Project Scope

- Construct 2,400 SQ FT of dedicated refuse collection space at the ramp level of Central Terminal
- Install Sanitation/Cart Washing Stations at the Central Terminal, Concourse D, the South Satellite and Service Tunnel
- Provide modern compactor equipment to new spaces



Central Terminal Additions



Project Risks

RISK	DESCRIPTION	PROBABILITY	IMPACT	MITIGATION PLAN
Project Coordination	Project Construction schedule tied to the Baggage Optimization and C1 expansion projects finishing utility and build-out work at the Central Terminal Ramp by fall 2022.	L ●	M ●	Critical reviewers have been identified from surrounding projects to reduce impacts and overlap. Coordination meetings are ongoing.
Cost of Materials	Unanticipated price fluctuation of major equipment and materials.	M ●	M ●	Port authorized to issue 10-year compactor purchase contract to mitigate sudden price fluctuations. Escalation and material pricing updated in latest design estimates.
Complex Construction	Utility work will require removal and replacement of airfield ramp paving. Contractors unsure of all risks in area.	M ●	M ●	During Design extra validation time was allotted for field surveys, potholing and designer onsite visits.
Work affecting Tenant operations	Requires move of Tenant Refrigeration units affecting food/perishable storage.	M ●	L ●	Working with ADR on timing and duration of outages. Project will provide new condenser units and pressure test the new assembly prior to cut over. Alternative storage will be provided.

Primary Added Cost Drivers

	Additional Cost
Escalation / Material Costs	\$1,350,000
Utility Changes/Upgrades	\$1,250,000
Foundation Reinforcement	\$1,000,000
Code Change (IBC 2018 Structural)	\$750,000
Building Height for Bay Doors	\$675,000
Cart Wash Stations (regulatory)	\$625,000
Other Misc.	\$517,000
Budget Increase	\$6,167,000

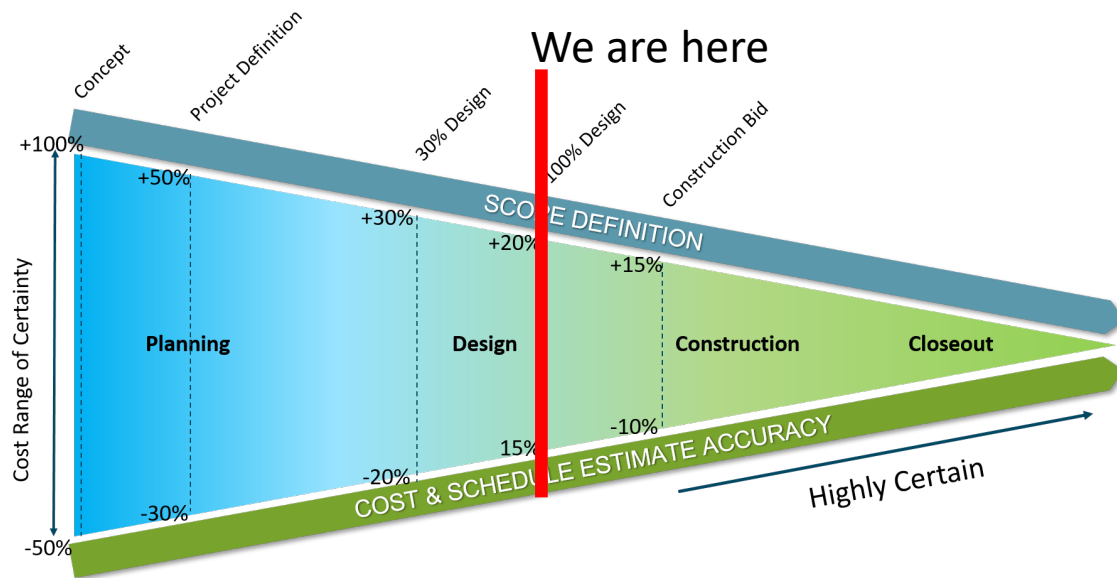
Project Cost and Schedule

Cost Breakdown

This Request

Total Project

Design	\$0	\$2,000,000
Construction	\$10,576,000	\$10,576,000
Total	\$10,576,000	\$12,576,000



Schedule

Construction Start: Q1 2023

Project in Use: Q4 2023

Action Requested

- (1) Increase the project budget for the Airport Terminal Solid Waste project in the amount of \$6,176,000;
- (2) Advertise and award a major public works contract for the Airport's Terminal Solid Waste Project; and
- (3) Use Port crews for construction support.

Total request for this action is \$10,576,000 for a project total authorization of \$12,576,000.