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Item No. 8j\_supp  
Date of Meeting March 14, 2023

Landside Pavement Program  
Authorization for Design

Landside Pavement Program

- SEA has 2.5 million square feet of Pavement Condition Index (PCI) Landside pavement
- Maintain a minimum pavement condition at the lowest total cost of ownership
- Goal is to maintain pavements at PCI rating of 70 or more

Pavement Useful Life

2

Landside Pavement Program  
60 • Completed assessment of

50 existing Landside pavements

40 • Landside pavement program  
Percent of Area renewal prioritized by condition  
30

- Leverage other capital projects to 20 maximize delivery

10

0  
Pavement Condition  
Very Good Good Poor Very Poor

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Project Purpose and Scope

Purpose:

The Landside Pavement Program will rehabilitate SEA landside pavements in order to maximize the useful life of assets and ensure operations

Scope:

- Pavement rehabilitation will include pavement overlay or replacement
  - Removal of abandoned utilities within work areas
  - improvements to related surface water drainage facilities
  - Comply with required codes or standards (e.g., signage, lighting, sidewalks, bicycle lanes)
- Locations include the South Parking Entrance, Northern Airport Expressway, Air Cargo Rd, S 190th St, Starling Dr, and S 160th St

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Project Location

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Project Photos: South Parking Entrance

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Project Budget and Schedule

Original Budget: \$20,000,000 Key Schedule Milestones:

Revised Budget: \$10,000,000 • Design Start: Q1 2023

• Budget reduced during COVID-19 • Construction Start: Q2 2024  
health emergency • In-Use Date: Q4 2024

• Puget Sound Regional Council

pavement preservation grant to

reimburse up to \$638,000

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Cone of Certainty

We are here

Project Risks

Risk /

Description Probability Impact Mitigation Plan

Opportunity

Actual pavement condition

Evaluate during design and

Risk could vary requiring different M H

determine appropriate remedy

remedy

Higher than anticipated

Risk pavement costs due to oil price M M Monitor and track during design

changes

Deliver pavement remediation Identify potential opportunities

Opportunity H M

scope through other projects and include in Acquisition Plan

Obtain a sales tax exemption for Submit request to Department

Opportunity H M

the work (Tax Rule 171) of Revenue during Design

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