

**Item No:** 8C

**Date of Meeting:** July 6, 2022



**THE NORTHWEST  
SEAPORT ALLIANCE**  
Gateway to Solutions

# Project Construction Authorization For NIM Crossing Panel Replacement

Presenter: Kyle Smith, PE  
Engineering Project Manager

# Project Authorization

## NIM Crossing Panel Replacement

*As referenced in NWSA Resolution No. 2020-02, Exhibit A, Delegation of Authority Master Policy, Paragraph 8.c.iii., states project costs exceeding \$300,000 require approval from Managing Members.*

**Request project authorization in the amount \$598,000, for a total authorized amount of \$648,000 for the NIM Crossing Panel Replacement project, Master Identification No. 201141.01.**



# Background

## NIM Crossing Panel Replacement

- The rail crossing in the North Intermodal (NIM) yard facilitates ingress and egress of vehicle traffic from Husky Terminal and East Sitcum Terminal
  - Straddle carriers use this crossing
- Concrete panels sit between rail tracks to facilitate vehicle traffic through the NIM between Husky Terminal and East Sitcum Terminal
  - Concrete Panels at two of the tracks have cracked and broken sections
  - Asphalt paving at a third track is also damaged
  - Pavement has deteriorated to the point of creating hazardous conditions for vehicles



# Background

## NIM Crossing Panel Replacement



# Background

## NIM Crossing Panel Replacement



# Background

## NIM Crossing Panel Replacement



# Project Description and Details

## NIM Crossing Panel Replacement

- **The proposed improvements include the following:**
  - Reduce/eliminate safety hazards
  - Demolish a 100-foot-long section across two tracks and 50 feet of a third track
  - Rebuild the three rail tracks with new rail and steel cross-ties
  - Rebuild the track underlayment and surface paving between rails with cast-in-place concrete



# Project Schedule

## NIM Crossing Panel Replacement

Activity	Timeframe
Advertise Bids	July 18, 2022
Bid Opening	August 8, 2022
Contract Award	August 15, 2022
Contract Completion	December 12, 2022





# Source of Funds

## NIM Crossing Panel Replacement

- **The estimated cost of the Construction for this project is \$603,000.**
- **The estimated budget for this project is \$657,000.**
- **The current Capital Investment Plan (CIP) allocates \$657,000 for this project.**
- **This work and associated budget is consistent with the NWSA valuation.**



# Financial Summary

## NIM Crossing Panel Replacement

Item	Budget Estimate	Cost to Date	Remaining Cost
DESIGN	\$54,000	\$8,316	\$45,684
CONSTRUCTION	\$603,000	\$0	\$603,000
<b>PROJECT TOTAL</b>	<b>\$657,000</b>	<b>\$0</b>	<b>\$648,684</b>



# Environmental Impacts/Review

## NIM Crossing Panel Replacement

**Permitting: None**

**Remediation: Any exported soil/water will be tested for appropriate disposal.**

**Water Quality: Contractor will be required to implement all necessary best management practices (BMPs) to protect water quality.**

**Air Quality: None**



# Conclusion

## NIM Crossing Panel Replacement

**Request project authorization in the amount \$598,000, for a total authorized amount of \$648,000 for the NIM Crossing Panel Replacement project, Master Identification No. 201141.01.**

