

Item #: 6B

Date: 4/11/23

Banana Yard Switch Upgrade

Project Authorization for Design and Approval of Grant Agreement

Norman Gilbert, Engineering Project Manager II

Port of Tacoma Regular Commission Meeting

April 11, 2023



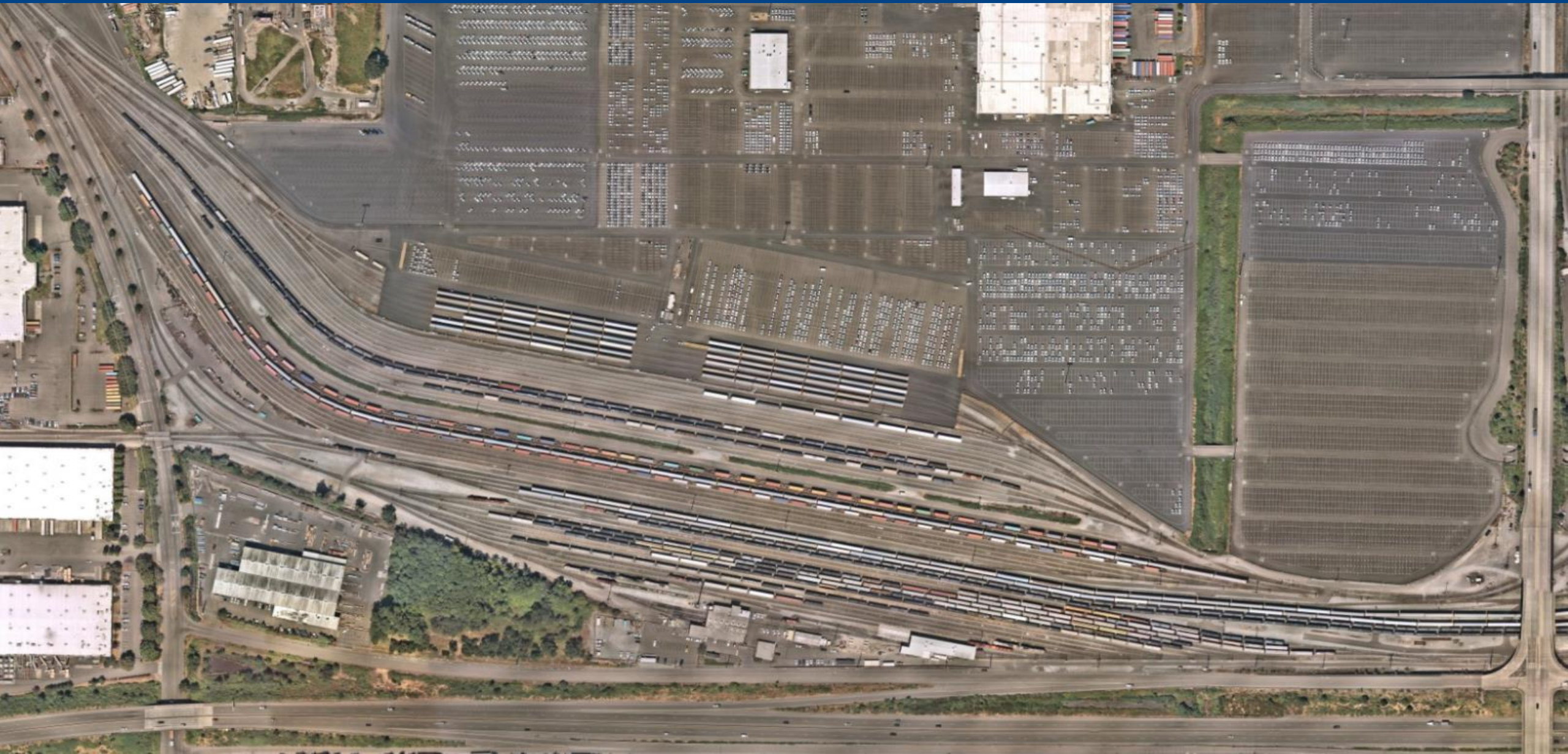
Banana Yard Switch Upgrade

1. Request authorization to enter into a grant agreement with the U.S. Department of Transportation's Federal Railroad Administration (FRA) for \$2,500,000 to implement the switch replacement at the Banana Yard.
2. Request project authorization in the amount \$200,000 for a total authorized amount of \$200,000 for work associated with the Banana Yard Switch Upgrade project, Master Identification No. 101615.01

Banana Yard Switch Upgrade – Background

- Rail cargo accounts for about 60% of container volume in Tacoma Harbor. In addition, this yard also supports automobile cargo and other commercial customers using rail services at the Port of Tacoma.
- The yard is designed to build and/or break the longer trains moving on the national rail network.
- Switches are the mechanisms that allow trains to be guided from one track to another.
- 15 switches have been identified for replacement and account for 8-10 service calls per month.
- Inoperable switches have reduced the yard's capacity as much as 50%.

Banana Yard – Aerial Photograph



Scope of Project:

- Grant administration including; developing a Project Management Plan (PMP), Detailed Project Work Plan (DPWP), grant reimbursement requests and reporting.
- Project design and permitting
- Construction and project closeout
- Project and Construction Management

Banana Yard Switch Upgrade – Project Schedule

Activity	Timeframe
Execute Grant	April 14, 2023
Complete Design	August 31, 2023
Advertise for Bid	September 30, 2023
Substantial Completion	October 31, 2024
Final Completion	November 30, 2024

- The estimated cost of the design for this project is \$200,000.
- The estimated budget for this project is \$4,290,000.
- The current Capital Investment Plan (CIP) allocates \$4,290,000 for this project.

Banana Yard Switch Upgrade – Financial Summary



Item	This Request	Total Previous Requests	Total Request	Total Project Cost	Cost to Date	Remaining Cost
DESIGN	\$200,000	\$0	\$200,000	\$200,000	\$0	\$200,000
CONSTRUCTION	\$0	\$0	\$0	\$4,090,000	\$0	\$4,090,000
PROJECT TOTAL	\$200,000	\$0	\$200,000	\$4,290,000	\$0	\$4,290,000

Banana Yard Switch Upgrade – Environmental Impacts/Review



Permitting:

This work is SEPA exempt and requires no environmental permits. FRA issued a Categorical Exclusion to NEPA on 01/24/23.

Remediation:

N/A

Stormwater:

Construction stormwater pollution prevention plan will be developed and implemented for this project.

Air Quality:

N/A

Banana Yard Switch Upgrade – Conclusion

1. Request authorization to enter into a grant agreement with the U.S. Department of Transportation's Federal Railroad Administration (FRA) for \$2,500,000 to implement the switch replacement at the Banana Yard.
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Questions & Discussion



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