

Meeting Date: December 8, 2020  
Item No.: 8d\_Supp

# **P69 Underdock Utility Replacement Design Funding Request (CIP #C801102)**



# Pier 69 Underdock Utility Replacement

- Underdock utilities are approximately 30 years of age -- well exceeded the typical 20-year service life
- 2019 underdock utility condition assessment revealed some utilities are in poor to very poor condition
- Utilities of concerns: electrical power, communications, sanitary sewer, potable water, and fire protection water lines
- Proactively replacing the end-of-life underdock utilities would allow scheduled replacement and avoid the need to perform emergency repairs at a higher cost and prolonged operational impacts

# Existing Underdock Utilities



Corroded Electrical Equipment



Corroded Electrical Conduits



# Existing Underdock Utilities



Galvanized Water Main



T91 Potable Water Pipe with Similar Age to P69 Pipe



# Existing Underdock Utilities



Corroded Sewer Lines and Hangers



# Challenging Underdock Working Conditions



Subject to Tides and Low Light Conditions

# Schedule

- Commission Design Authorization Q4,2020
- Final Design and Permitting Q4,2020 – Q2, 2021
- Construction Funding Authorization Q2, 2021
- Construction Q3, 2021 – Q1/Q2, 2022