

COMMISSION AGENDA

Item No: 2C

Meeting: 02/05/19

DATE: January 28, 2019

TO: Managing Members

FROM: John Wolfe, Chief Executive Officer

Sponsor: Dakota Chamberlin, Chief Facilities Development Officer

Project Managers: Trevor Thornsley, Sr. Project Manager

Mark Little, Director, Contracts and Purchasing

SUBJECT: Declaration of Emergency Contract – Culvert Repair at Ingress/Egress Road Providing Access from Alexander Avenue to the PORTAC Site

A. ACTION REQUESTED

In accordance with the Master Policy, staff requests Managing Member ratification of Emergency Contract No. 071080, Master Identification No. 201070.01 for the Culvert repair.

B. BACKGROUND

On December 21, 2018, the Port was notified of pavement settling occurring at the ingress/egress road providing access from Alexander Avenue to the Portac. The Portac site is utilized for truck queuing for Pierce County Terminal. The settlement occurred over an existing 6-foot diameter CMP culvert that allows for passage of the Wapato Creek. The settled area was immediately coned off and restricted from traffic. Further inspection of the situation was completed on December 27, 2018. During that inspection, the settlement had noticeably increased and once the tide had receded, inspection of the interior of the culvert pipe yielded the fact the pipe had a significant bulge at the top of the pipe over about 5-feet and a bulge along the side of the pipe of extending about 30-feet. Based on these findings, Port of Tacoma Facilities and Maintenance determined that it was unsafe for any traffic to continue to cross the culvert and barriers were installed to prevent truck traffic from entering the Portac site.

Research has indicated that the culvert was likely installed around 1970 and, based on the visible deterioration of the inside of the pipe, it is apparent the pipe is beginning to collapse. It is speculated that the bottom of the pipe may be compromised, and the truck loads are simply beginning to buckle the pipe. The result of the investigation is that the pipe needs to be replaced. Replacement design alternatives are being considered and discussed with the various agencies that will be involved with permitting. Work is expected to be completed by April/May 2019.

In accordance with the Master Policy, the Chief Executive Officer immediately declared an emergency and Port staff promptly issued a contract in the amount of \$169,224.00 plus Washington State Sales Tax to Pivetta Brothers Construction, Inc (Contractor) to provide an interim bridging solution to allow truck traffic to access the Portac site again and eliminate the traffic back up on SR 509. This interim solution will remain in place until such time that a permanent solution is developed and implemented.

C. SCOPE OF WORK

The Contractor's scope of work is to furnish all labor, materials, and equipment to:

- Install a temporary bridge over the culvert
- Install a permanent culvert replacement solution once designed and permitted by the regulatory agencies

C. TIMEFRAME/PROJECT SCHEDULE

Declaration of Emergency and Notice to Managing Members	January 9, 2019
Emergency Contract Published	January 24, 2019
Contract Period of Performance	April/June 2019

D. FINANCIAL SUMMARY

Cost

The estimated cost range for the initial investigations, design and construction of the interim bridge solution and preliminary design of the permanent solution is from \$350,000 to \$400,000. The variance in the estimate allows for the temporary fix, design, and installation as well as unforeseen conditions. The cost of the replacement structure is not included at this time as it may vary significantly based on agency requirements.

Source of Funds

The 2019-2023 Capital Investment Plan (CIP) allocates \$503,000 for this project.

Financial Impacts

Project costs for the temporary solution will be expensed as incurred.

Project costs for the permanent solution will be capitalized and depreciated over an estimated 10-year life, resulting in annual depreciation of \$35,000 to \$40,000.

E. NEXT STEPS

The temporary work has already been started and is estimated to be completed by February 1, 2019. Preliminary design work has already commenced and is expected to be complete by the end of February at which time work on the permanent design and construction will commence.

Attachment: Declaration of Emergency