

January 9, 2019

TO: John Wolfe, Chief Executive Officer

FROM: Mark Little, Director, Contracts and Purchasing

SUBJECT: **DECLARATION OF EMERGENCY
EMERGENCY CULVERT REPAIR AT INGRESS/EGRESS ROAD
PROVIDING ACCESS FROM ALEXANDER AVENUE TO THE PORTAC
SITE.**

Description

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 site (Photos 1-6 attached). 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 (Photos 7-10 attached). 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.

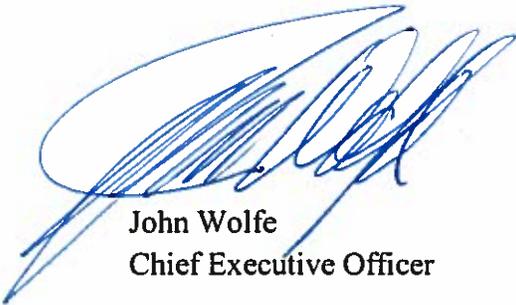
Justification

While access across the culvert has been restricted, this action has led to trucks queuing along Alexander Avenue, SR509 and Taylor Way which is creating a significant traffic hazard and

consequently a public safety issue. The scope of work will entail pulling out the existing culvert and replacing it with a more stable solution.

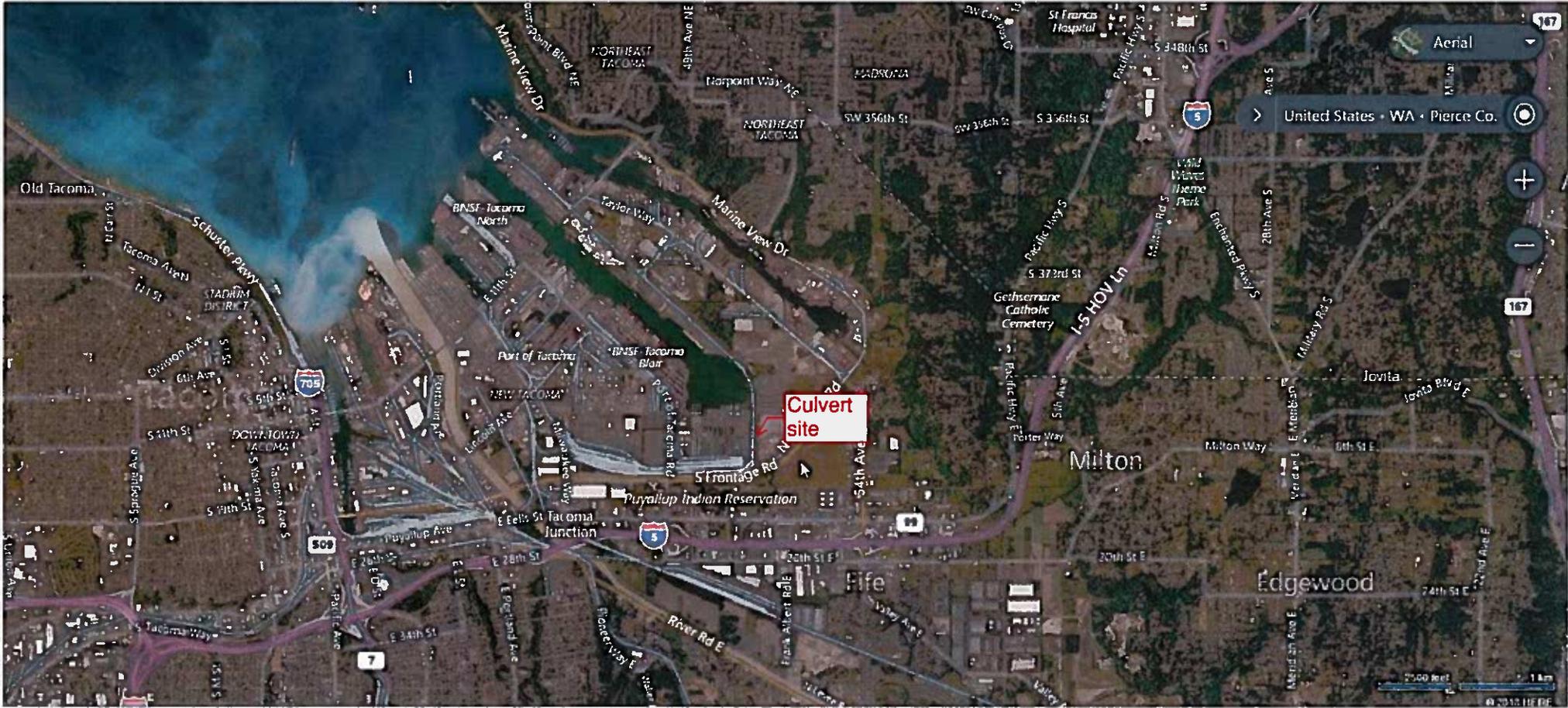
Therefore, in accordance Northwest Seaport Alliance policy and applicable law (RCWs 39.04.020 and 39.04.280), and with the Chief Executive Officer's signature below, an emergency is hereby declared and staff is authorized to proceed with immediate repairs relative to the above-described conditions. The declaration of emergency will be ratified by the Managing Members at the next scheduled meeting and published in a newspaper of general circulation within seven days.

Dated this 9th day of January 2019.



John Wolfe
Chief Executive Officer

Cc: Managing Members
Chief Financial Officer
Chief Commercial
Chief Facilities Officer



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Failed culvert

United States, WA, Pierce Co., New Tacoma



Labels



2



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Labels

Failed culvert

3



4



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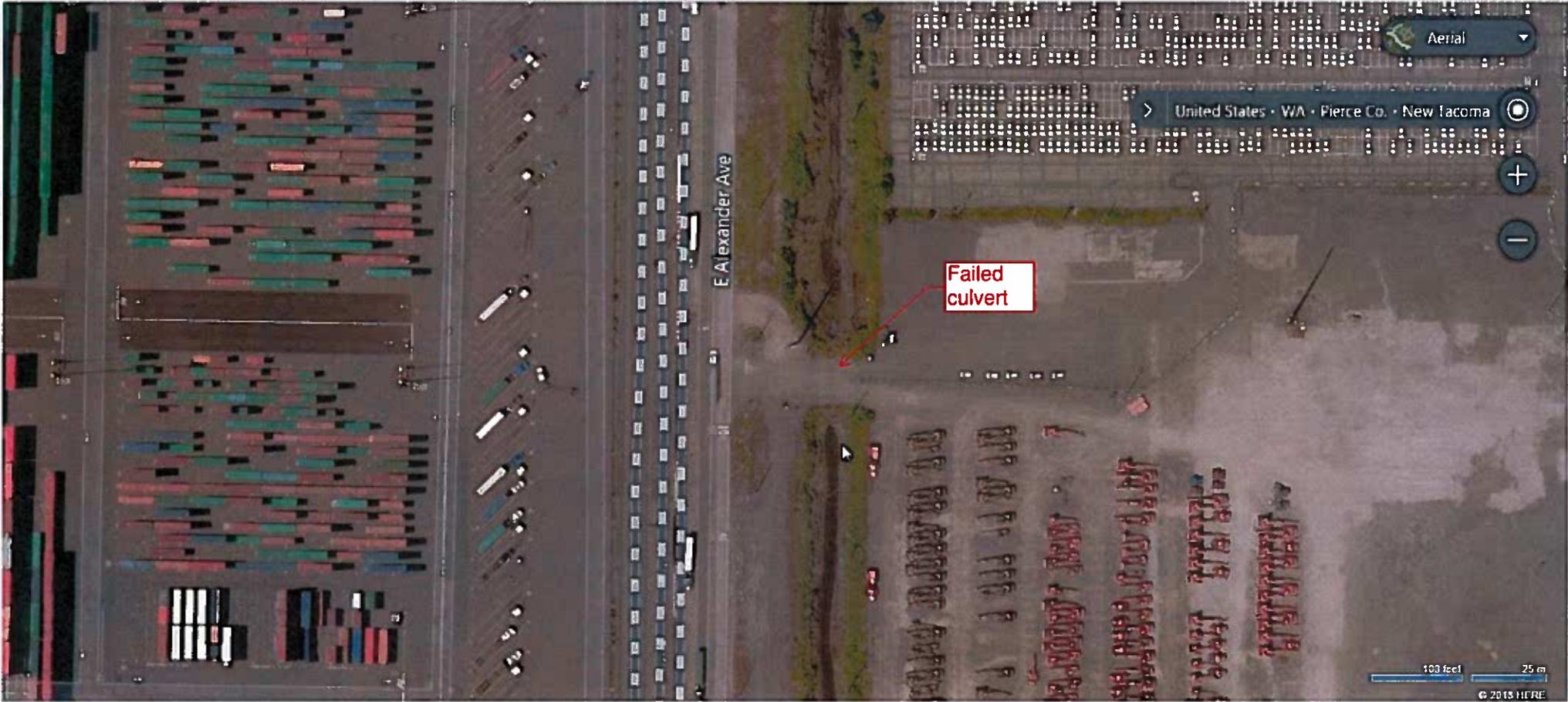


Labels

Failed culvert



5



6



Pavement settlement on
12/21/18

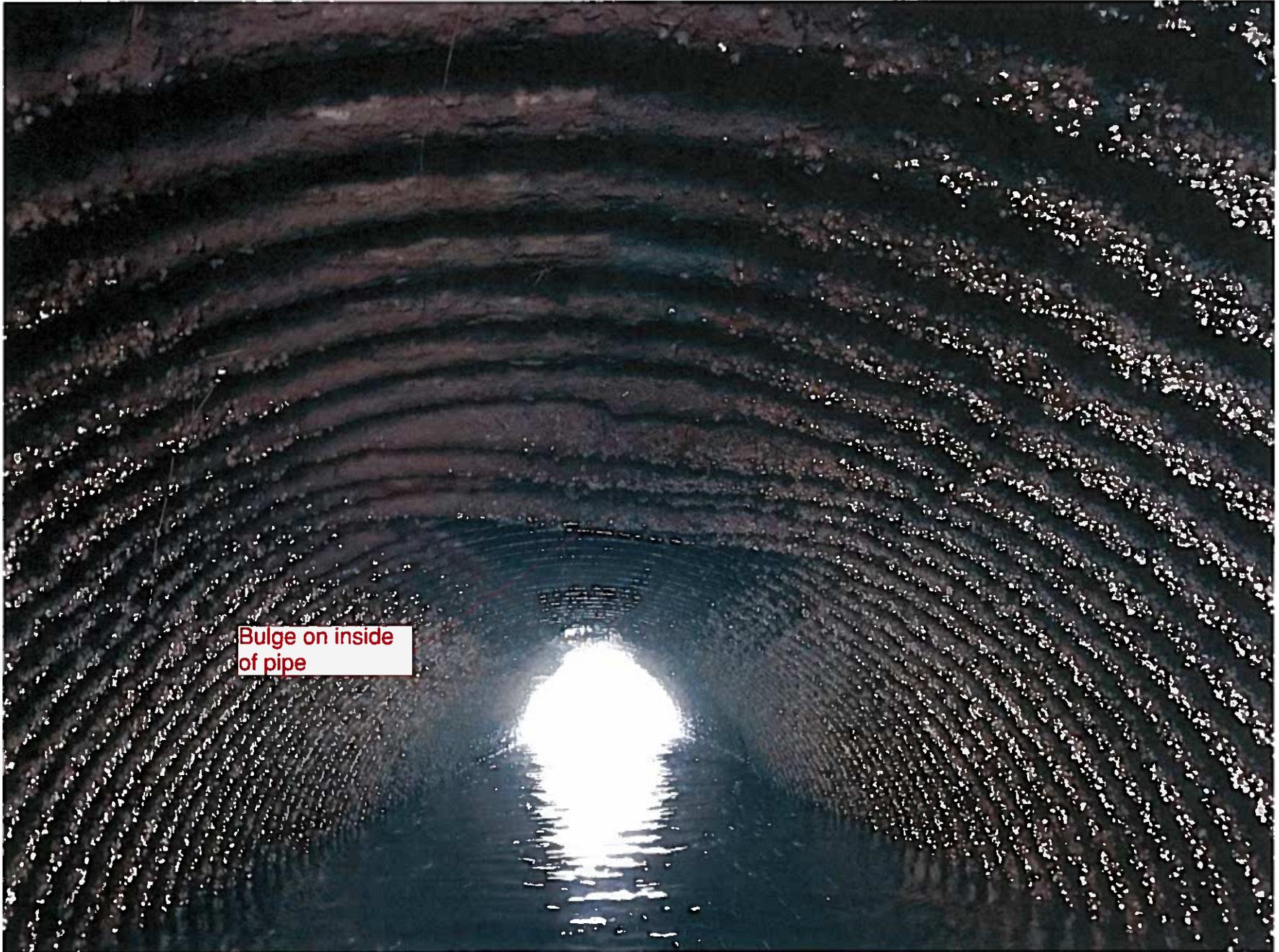
12 21 2018

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Pavement settlement on
12/27/18







Bulge on inside
of pipe