

working for clean rivers

188247



Columbia Boulevard Wastewater Treatment Plant Outfall 3 Improvements

Council Item 154

Paul Suto, P.E.

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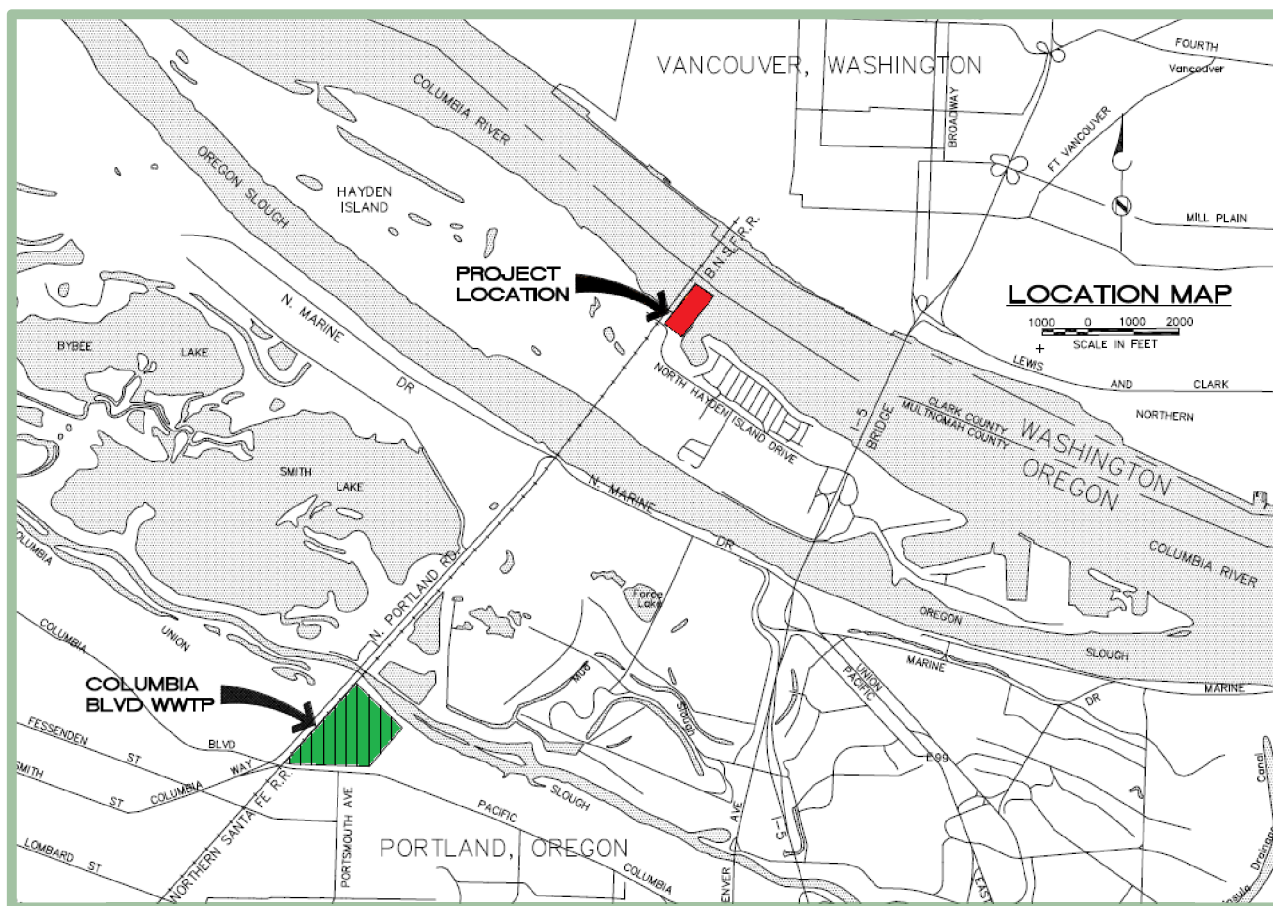
February 15, 2017



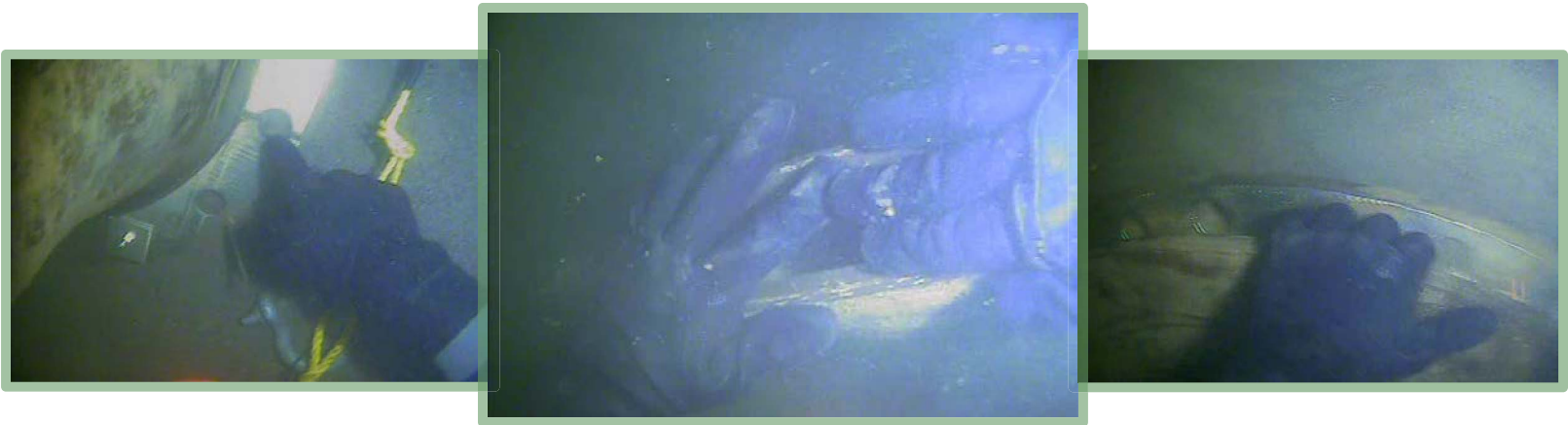
**ENVIRONMENTAL SERVICES
CITY OF PORTLAND**

NICK FISH, COMMISSIONER
MICHAEL JORDAN, DIRECTOR

Project Location



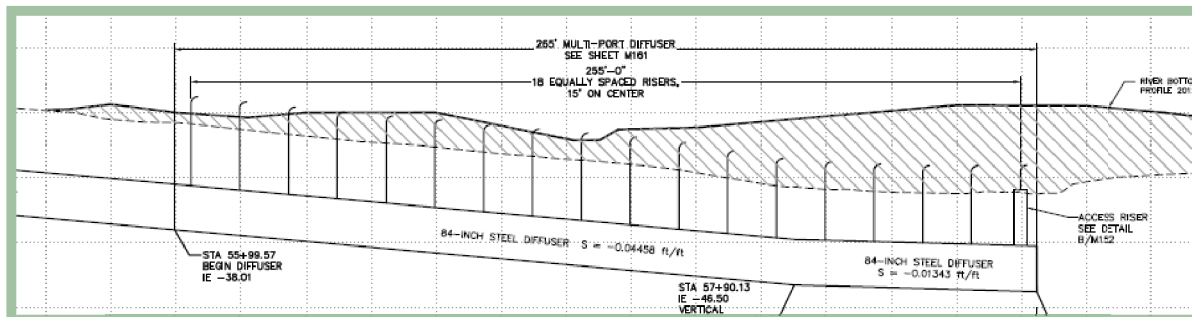
Project Objectives



- Columbia Blvd WWTP Outfall 3 (OF 3) was constructed in 1999 as part of the Combined Sewer Overflow (CSO) Program.
- OF 3 has been inspected and is need of improvements to restore complete function and capacity.
- Inspection showed that there is some damage and issues due to sediment deposits.



Project Scope



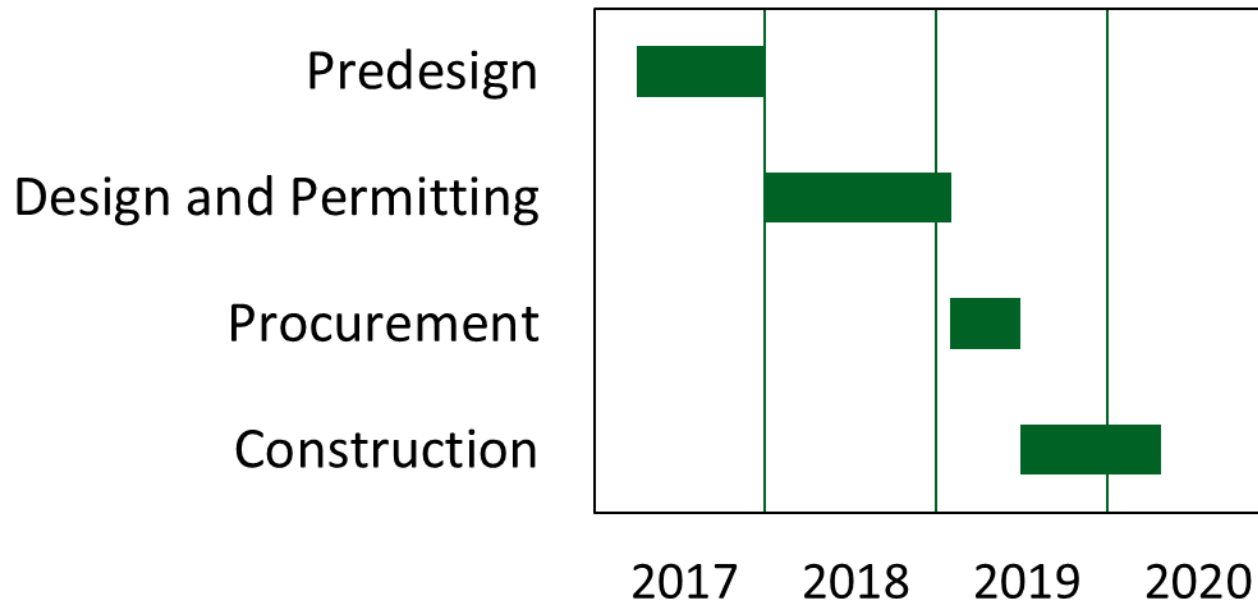
Improvements to Outfall 3 include:

- River hydraulics and sediment transport modeling
- Diffuser extension and repair design and construction
- In-water work permitting



Project Budget and Schedule

- Total project cost at completion is estimated at \$2,354,000.
- The estimated construction contract cost is \$1,100,000.
- Project estimate includes 15% contingency.
- Proposed Project Schedule:



PTE Contract Selection

- CH2M Hill Engineers was selected based on a competitive qualification based selection process.
- 5 proposals were received.
- Selection committee included Minority Evaluator Program Participant.
- Total negotiated not to exceed fee: \$674,612
 - Base Task M/W/ESB Subcontracts at 10.7% of total contract NTE limit: \$54,389.
 - Total Contract M/W/ESB Subcontracts at 23.5% of total contract NTE limit: \$158,289.



Recommendation

Authorize a contract with CH2M HILL Engineers, Inc. for professional services for the CBWTP Outfall 3 Improvements for \$674,612.



Questions

Thank you

