

A photograph of a forest stream with mossy rocks and a waterfall. The water is flowing over several large, moss-covered rocks, creating a small waterfall. The surrounding forest is dense with tall trees and a layer of snow on the ground.

Washington Park Reservoir Improvements Project

Contract Changes

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August 7, 2019



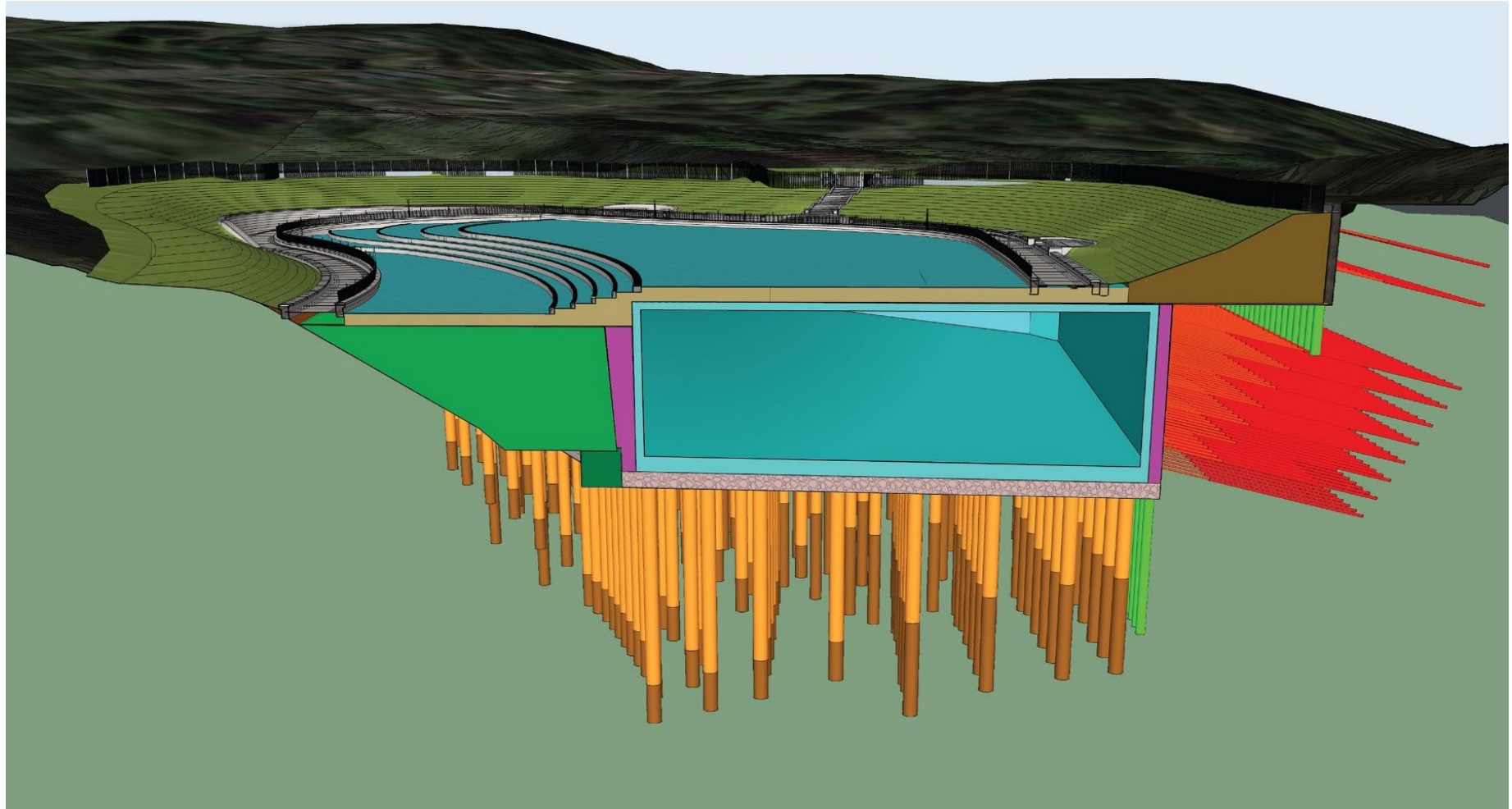
Council Requests

- Amend AECOM contract by \$1,000,000 to complete out their Engineer of Record (EOR) responsibilities through 2021.
- New sole source contract with West Yost through 2025 for \$6,200,000 for construction support services.
- Amend Cornforth contract by \$830,000 and extend contract time through 2023 for additional geotechnical EOR services.

Proposed Improvements



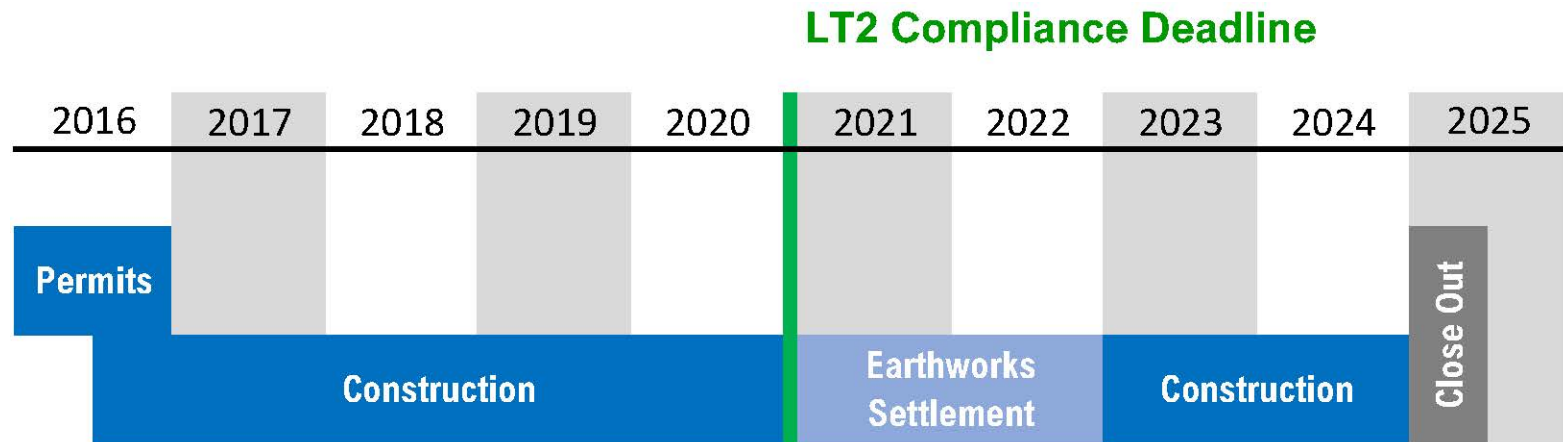
Washington Park Reservoir 3



Project Timeline

- Mar 2009 - Plan approved to replace the open reservoirs
- Dec 2012 - Alternative contracting process approved
- 2012 – PTE solicitations estimated construction 2016 - 2021
- Sep 2015 - Council Work Session estimated total project cost of \$170 M with a Moderate Confidence Level
- May 2016 – Construction contract through 2024 approved
- Jun 2021 - AECOM contract expires
- May 2023 - Cornforth contract expires if approved
- 2024-25 – Expected construction completion
- Jun 2025 - West Yost contract expires if approved

Project Schedule



Key LT2 Compliance Dates	
Start Construction	July 1, 2016
Reservoir 3 in Service *	December 31, 2020
Reservoir 4 Disconnected **	December 31, 2020

* Reservoir construction and commissioning completion date modified with OHA approval

** Disconnected means physically separated from the public water system

Amend AECOM contract

1. AECOM's role has been reduced to Engineer of Record (EOR) observations and design clarifications required for construction of the reservoir structure.
2. Primary consultant project management duties have been assigned to West Yost as a subconsultant.
3. It is necessary to retain AECOM Technical Services, Inc. in the role of EOR for construction of the reservoir structure for building code compliance.

Recommendation: Amend current AECOM contract by adding \$1,000,000 for Engineer of Record services required to complete the Reservoir Structure.

New contract with West Yost Associates

1. Primary consultant project management duties have been mutually assigned to West Yost as a subconsultant.
2. West Yost's subcontract expires in 2021 with AECOM's contract, but construction completion is in Fiscal Year 2024-2025.
3. This is an appropriate time to transition to a new contract with West Yost to complete the construction support services required for the Project.

Recommendation: Authorize new \$6,200,000 sole source contract for construction services for West Yost.

Amend Cornforth contract

1. Cornforth provides geotechnical engineering services.
2. The original construction budget was established prior to design of the Project and the knowledge of permitting requirements or the Project complexities.
3. Cornforth contract needs to be extended through 2023 to provide geotechnical construction services (which includes a soil settling period before the surface features are built).

Recommendation: Amend Cornforth contract to extend the contract through 2023 and increase contract amount by \$830,000 for additional engineering services.

Reservoir 3 – Construction



Disadvantaged, minority-owned, women-owned, emerging small business (DMWESB) Participation

	AECOM	Cornforth	West Yost
DMWESB \$ at original contract	\$4,316,500	\$481,886	\$1,169,100
% DMWESB at contract	28.4 %	11.4 %	18.8 %
DMWESB payments to date	\$3,649,702	\$486,303	---
% DMWESB to date	19.4 %	10.6 %	---

Project Budget Update

- All changes are within the existing \$205M budget.

	90% Design (Sept. 2015)	CM/GC Contract (May 2016)	Construction Support Adjustments (May 2019)
Construction	\$140 M	\$152 M	\$152 M
Design	\$22 M	\$24 M	\$24 M
Other	\$8 M	\$13 M	\$28 M
Community Benefit		\$1.14 M	\$1.14 M
Total	\$170 M ± 20%	\$190 M ± 10%	\$205 M
Confidence Rating	Low - Moderate	High	High

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Questions

