



Early Engagement Vendor Session

SIGN IN

<https://forms.office.com/g/XUdApLCw2t>

Housekeeping Items

- Please put phones on silent or vibrate mode.
- Any information provided today is not legally binding.
- Audience introductions and questions will be after the presentation.
- WSSC Water reserves the right to not answer questions asked and/or submitted.
- Presentations and sign-in sheets will be posted here:
<https://www.wsscwater.com/work-us/procurement/early-engagement-vendor-sessions/past-contract-events-documentation>
- To receive up-to-date contracting information, visit the Procurement Office's website at www.wsscwater.com/secondary-landing-page/procurement

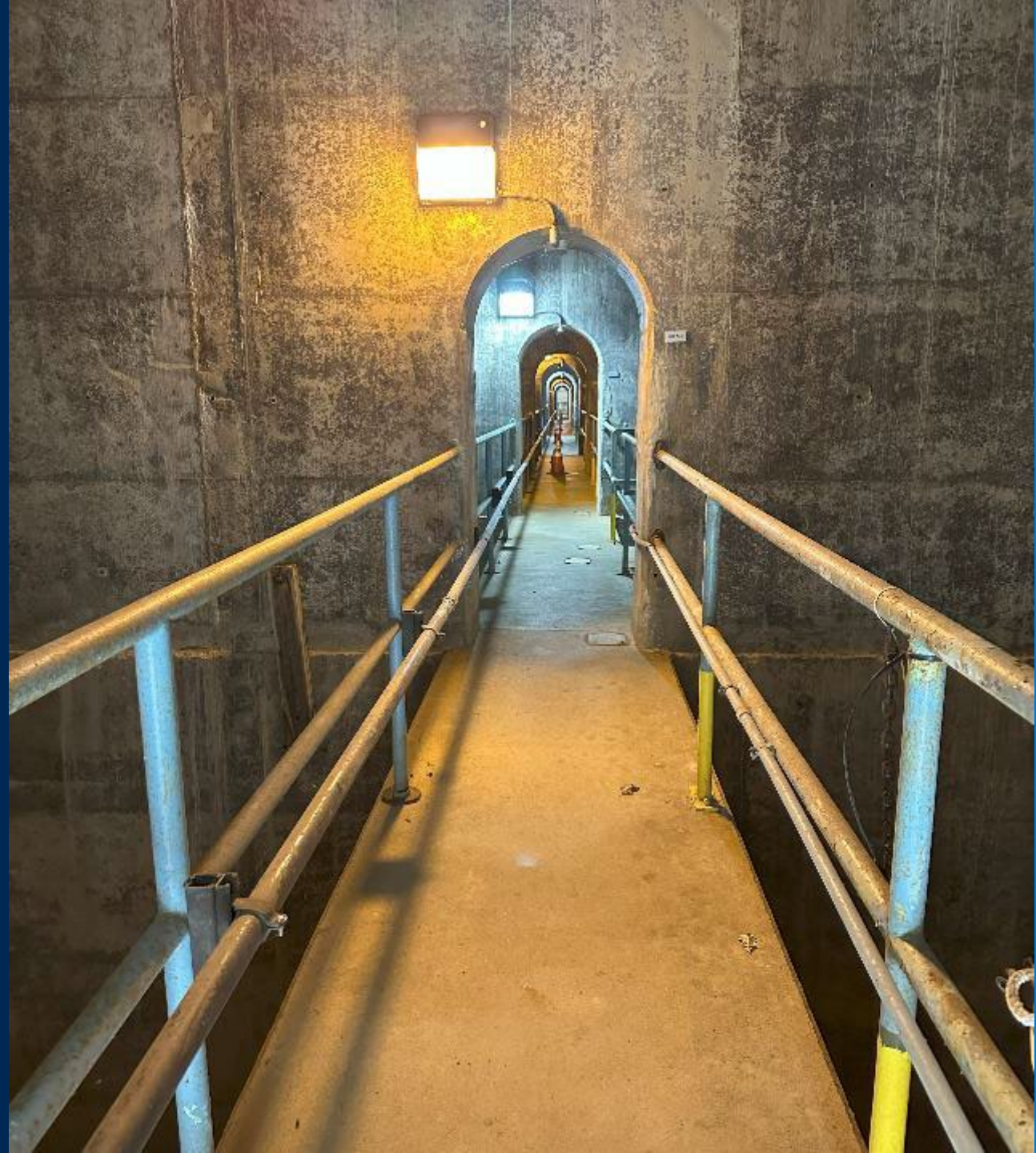


Piezometer Automation at WSSC Water Dams

Keith Solomon, PE, PMP

Project Manager

August 26th, 2026





WSSC Water at a Glance

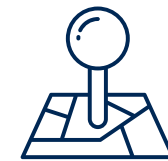
As a not-for-profit public utility, we serve our customers, not shareholders. Every dollar collected is reinvested into our infrastructure, technology and workforce to strengthen reliability, improve service and protect public health for generations to come. That commitment has helped us achieve **108 years without a single drinking water quality violation, ever.**



8th
Largest combined water and wastewater utility in the United States by population served



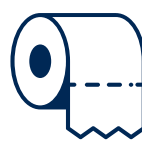
1.9M
Residents served



1,000 Sq. Mi.
Size of our service area



160M+ Gal.
Water produced daily at 2 filtration plants



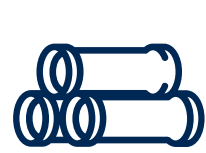
65M+ Gal.
Wastewater treated daily at 6 facilities



500,000+
Laboratory tests performed every year



1,800+
Team H₂O members deliver on our mission



11,000+
Miles of pipe



60+
Water storage tanks



47,000+
Fire hydrants



\$1.9B
FY 2027 Operating & Capital Budget



\$9B
In infrastructure assets maintained on behalf of our customers

Agenda

1. Team Introductions
2. Project Objectives
3. Project Overview
4. Keys to Success
5. Project Compliance
6. Supplier Portal and OpenGov Platforms
7. Questions

Team Introductions



Engineering & Environmental Services Division



Keith Solomon

Project Manager



Lei Fu

Principal Geotechnical
Engineer



Bob Pinciotti

AECOM, Owners Rep

Project Objective

Award **one (1) contract** for the Installation of Automated Data Acquisition Systems (ADAS) on existing piezometers at:

- T. Howard Duckett Dam
- Brighton Dam
- Little Seneca Dam

This project will support WSSC Water's Dam Monitoring Program by providing real time pressure data.

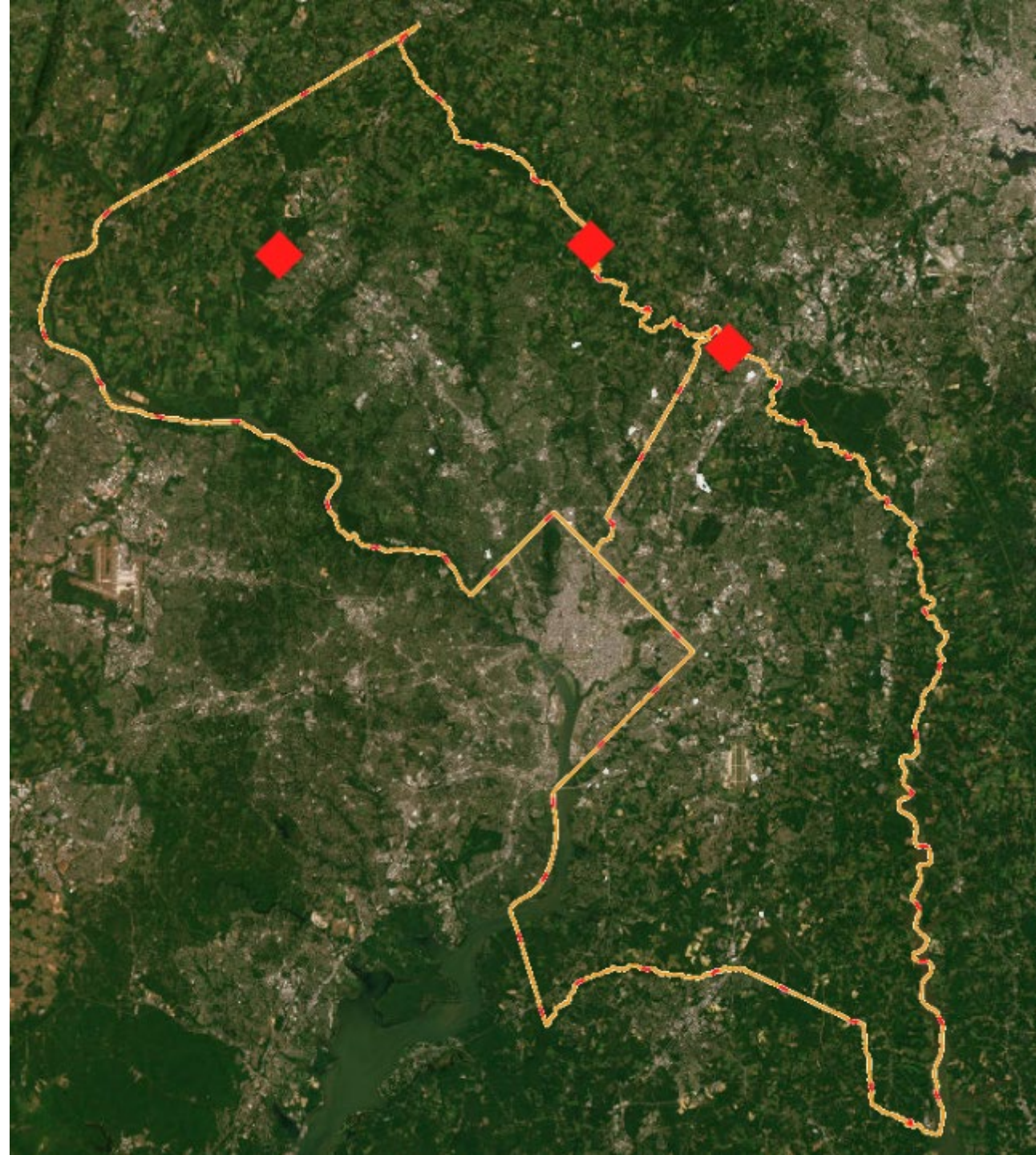


Project Overview

[1 of 2]

Dam Locations:

- **Duckett Dam:** 7400 Brooklyn Bridge Road, Laurel, MD, 20707
- **Brighton Dam:** 2 Brighton Dam Road, Brookeville, MD, 20833
- **Little Seneca Dam:** 13920 Wisteria Drive, Germantown, MD, 20874



Project Overview

[2 of 2]

Contractor shall install:

- Equipment
- Conduits
- Wiring
- Instrumentation cables
- Other items required for the ADAS system

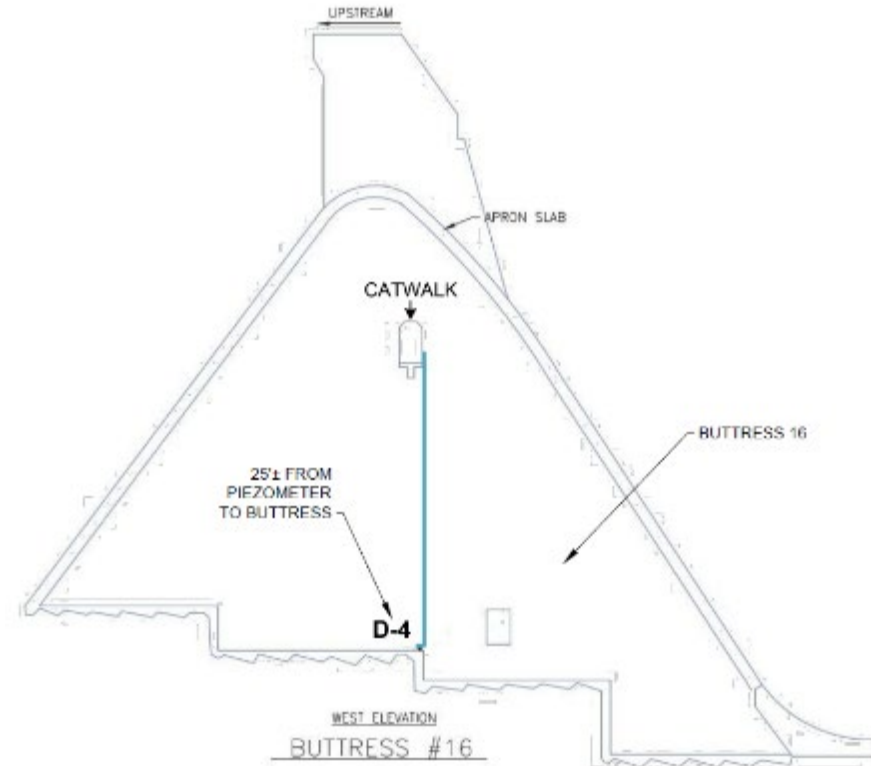
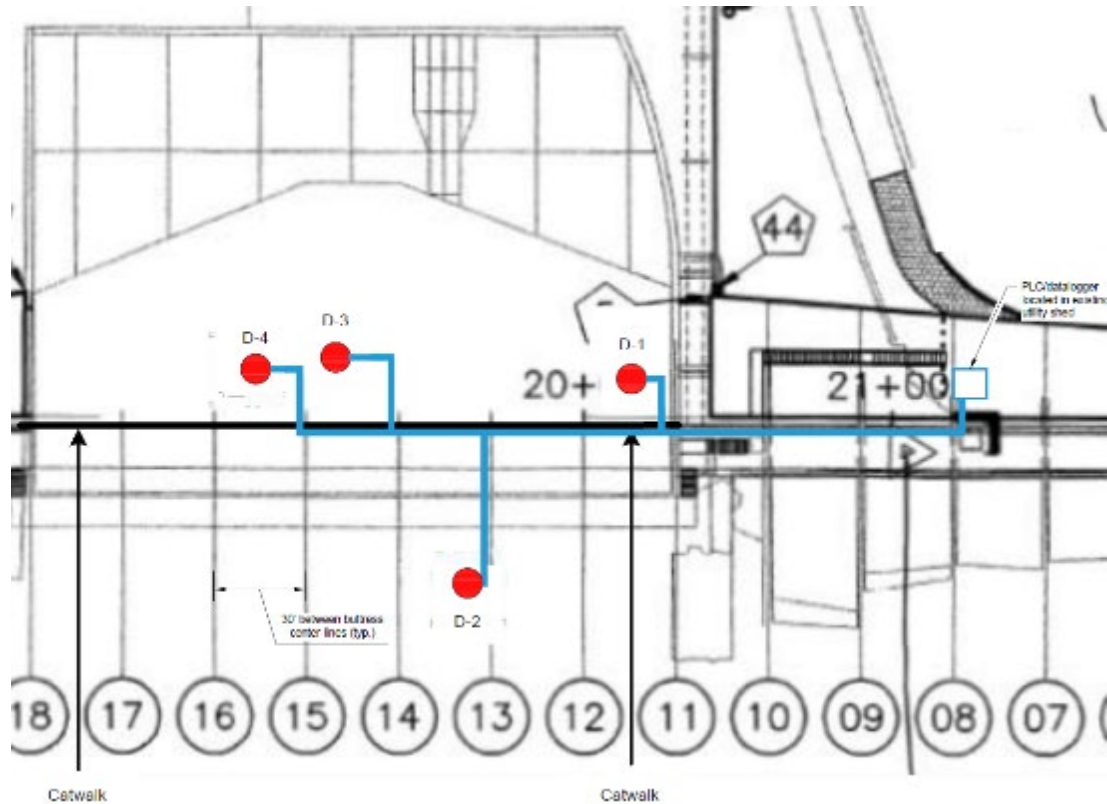
Contractor shall not install:

- Final connections at RTUs
- Keller pressure sensors



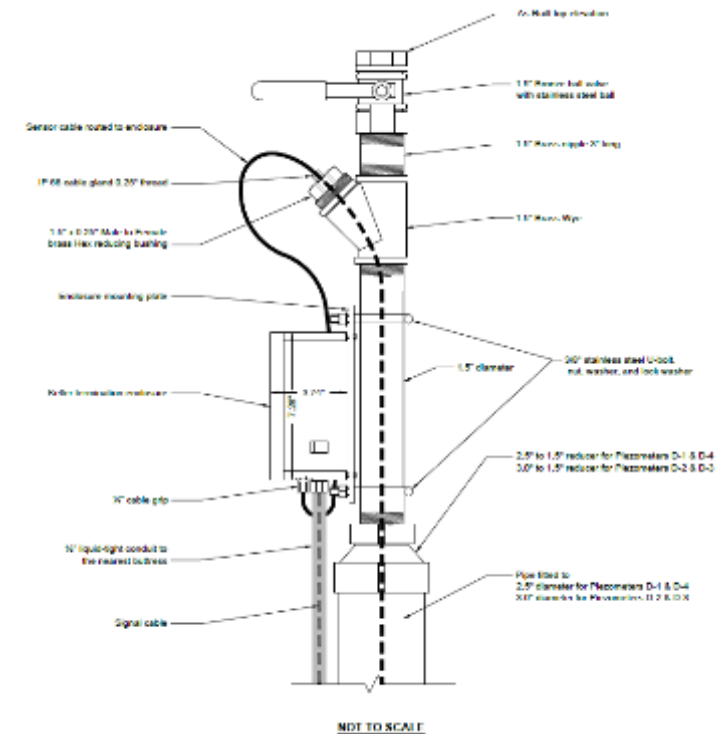
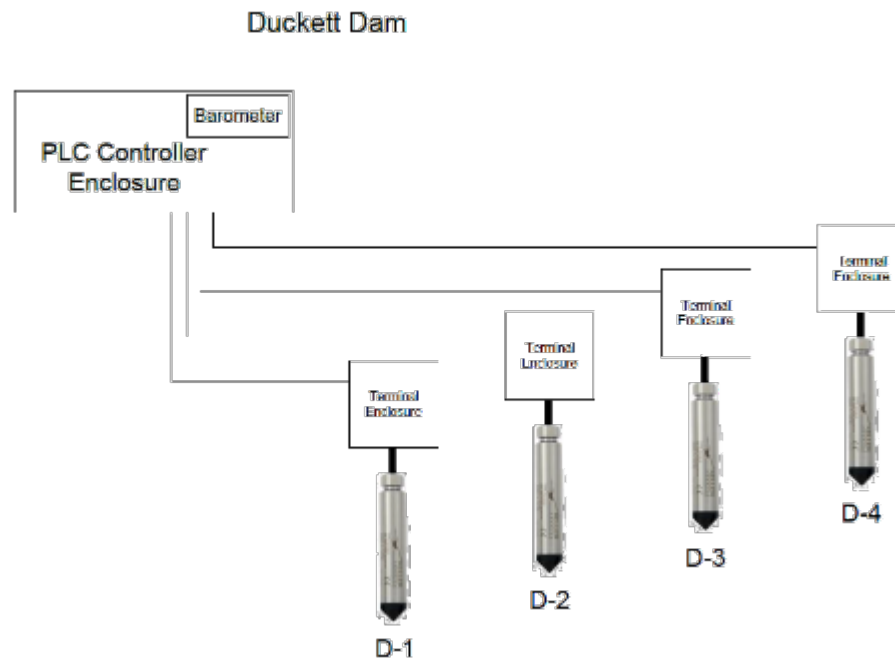
Project Overview (Duckett Dam) [1 of 2]

- Four (4) existing piezometers, D-1 through D-4
- Conduits routed up buttresses, along elevated catwalk to PLC/datalogger



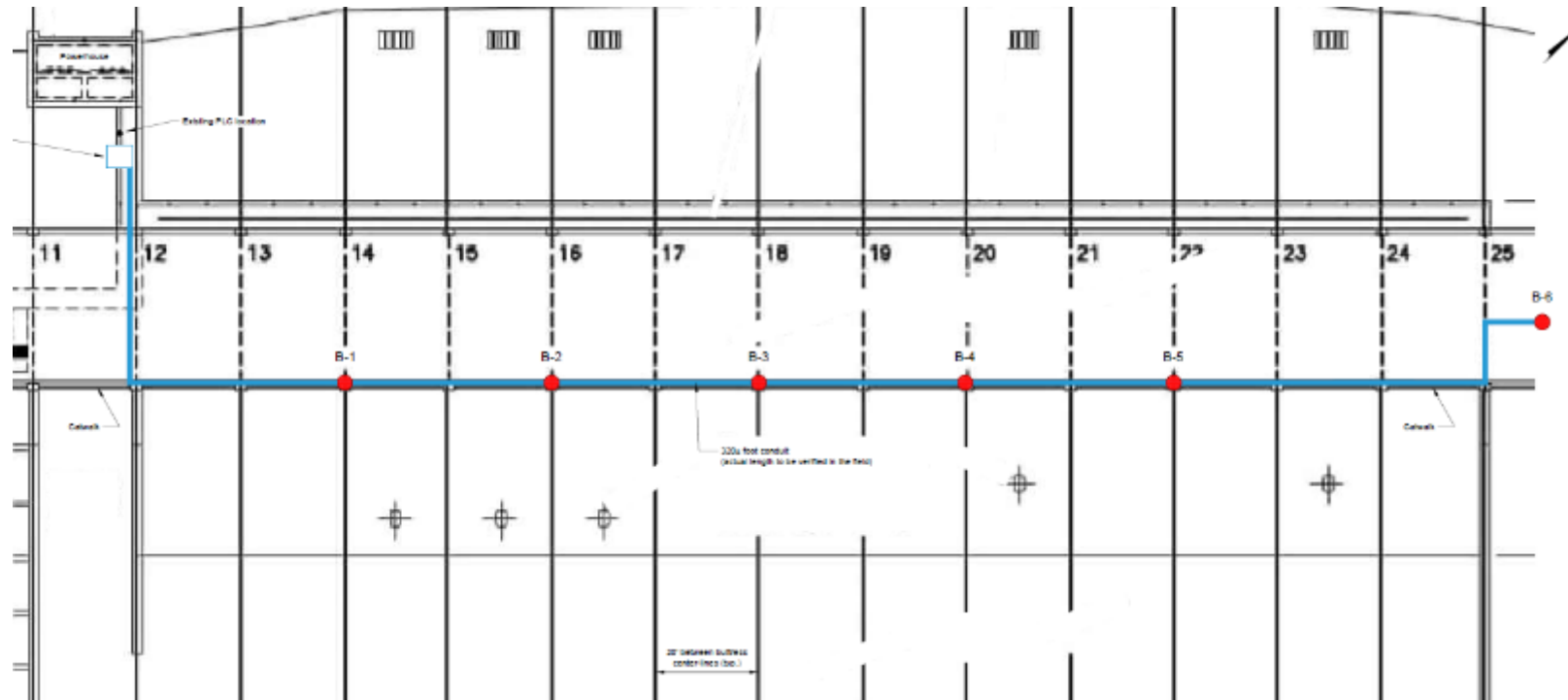
Project Overview (Duckett Dam) [2 of 2]

- Rescue team required while work is ongoing
- Contractor must provide means for safe conduit installation along buttresses
- Approx. 368 lf of total conduit



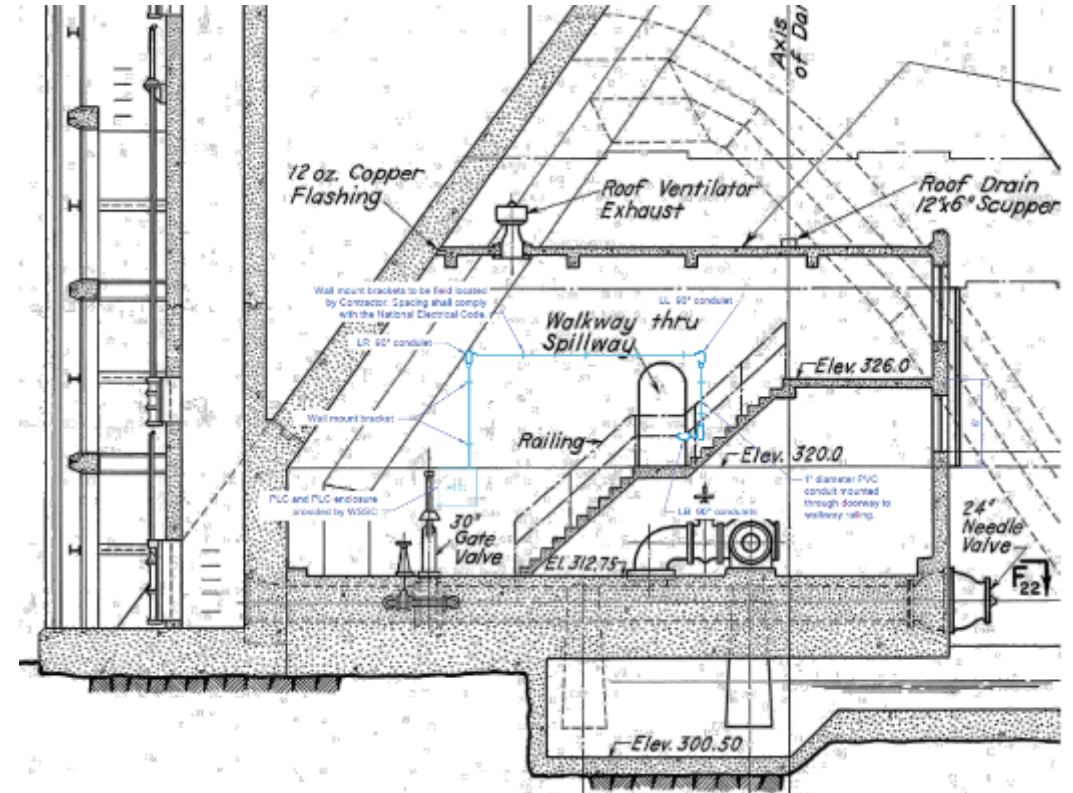
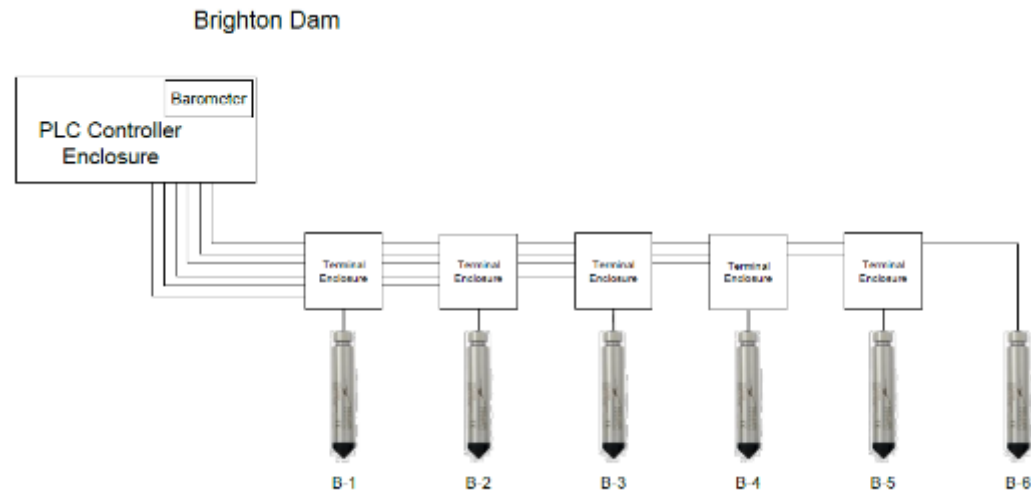
Project Overview (Brighton Dam) [1 of 4]

- Six (6) existing piezometers, B-1 through B-6
- Conduits routed along catwalk and wall to PLC/datalogger



Project Overview (Brighton Dam) [2 of 4]

Approx. 280 lf of total conduit



Project Overview (Brighton Dam) [3 of 4]

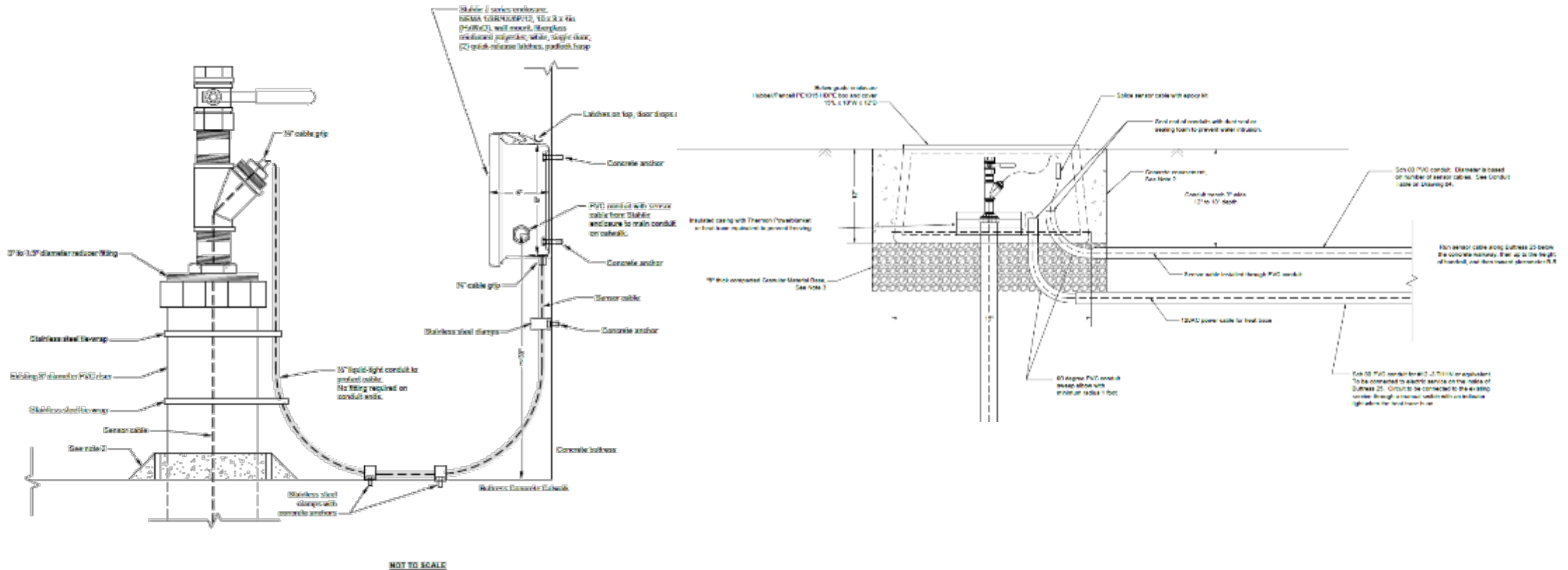


view of Brighton Dam catwalk,
looking north-east



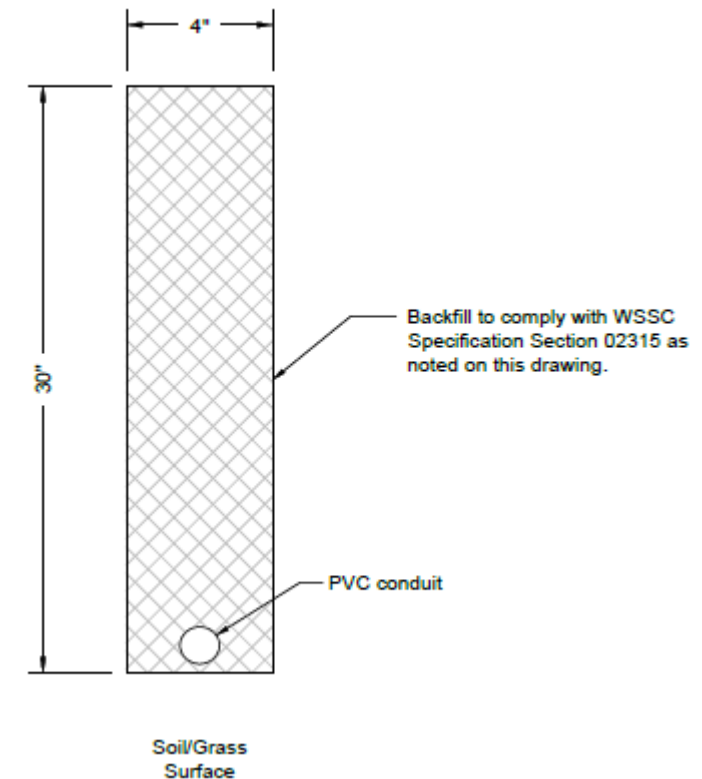
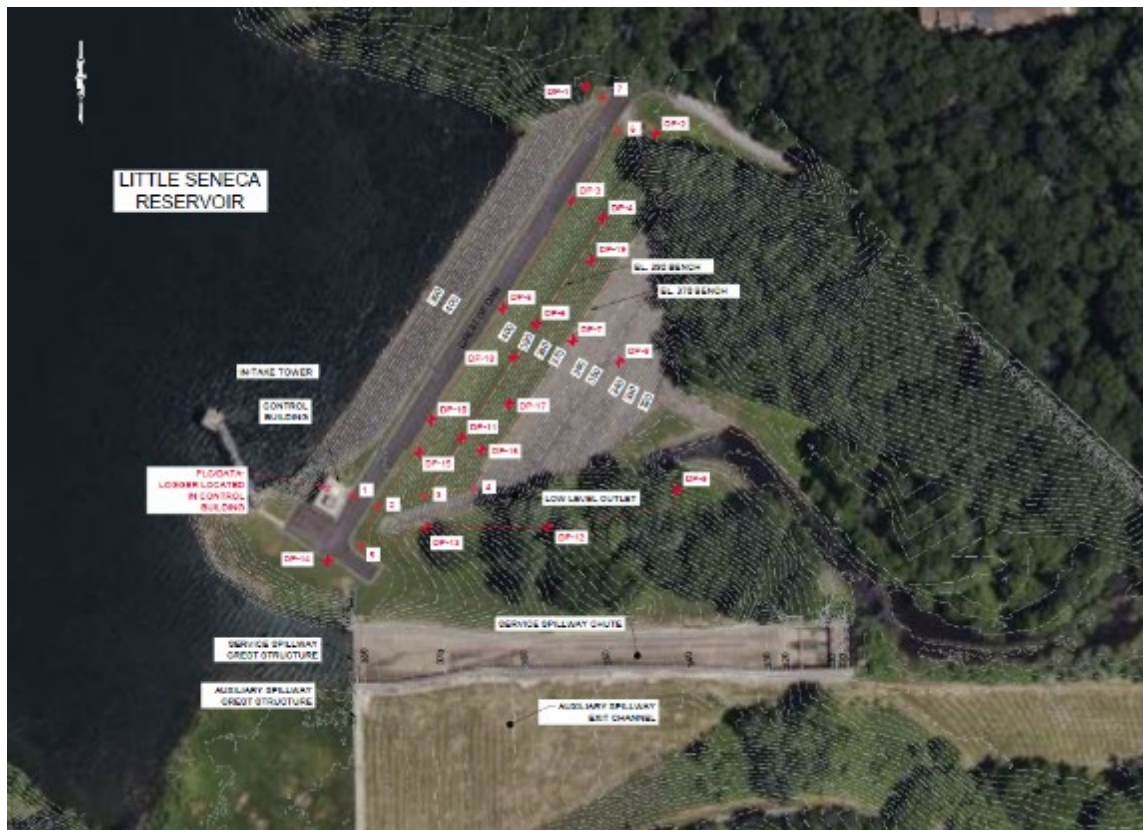
view of Brighton Dam
piezometer b-6

- B-1 through B-5 are located atop the existing catwalk.
- Includes Powerblanket and heat trace installation for B-6



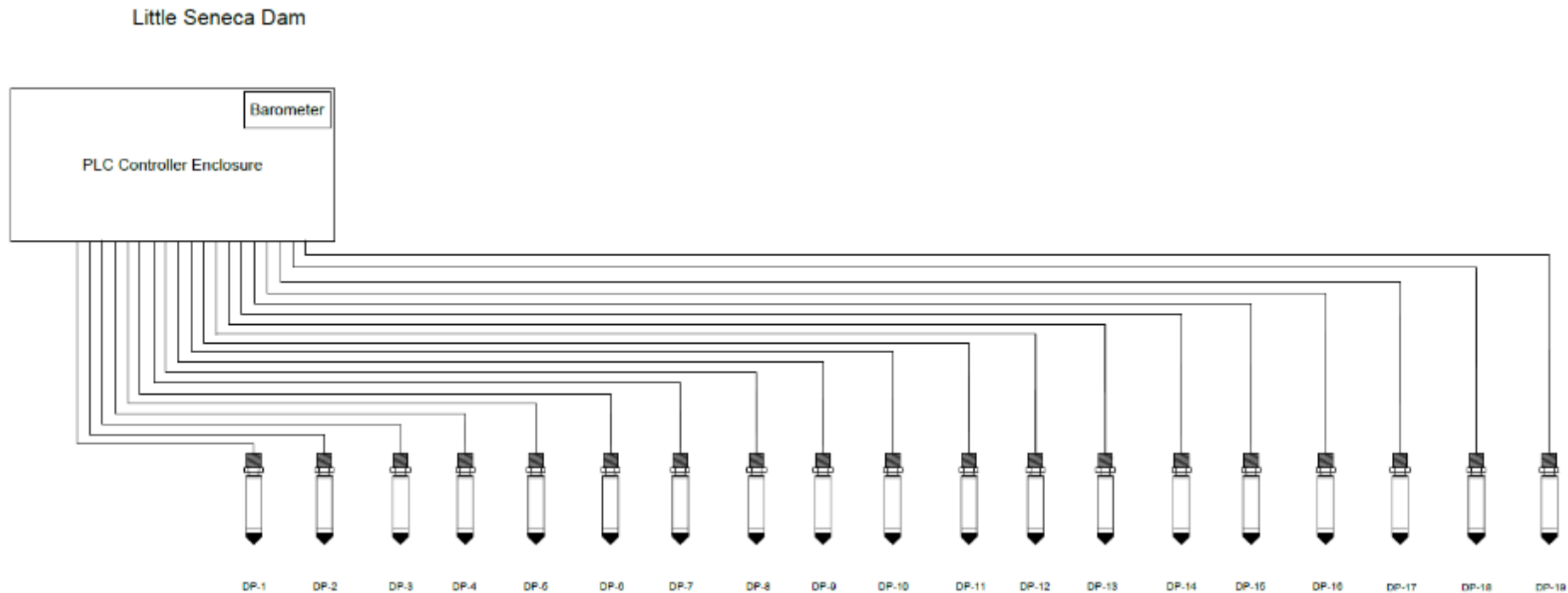
Project Overview (Little Seneca Dam) [1 of 4]

- 19 existing piezometers, DP-1 through DP-19
- Conduits routed along dam bench, consolidated into junction boxes

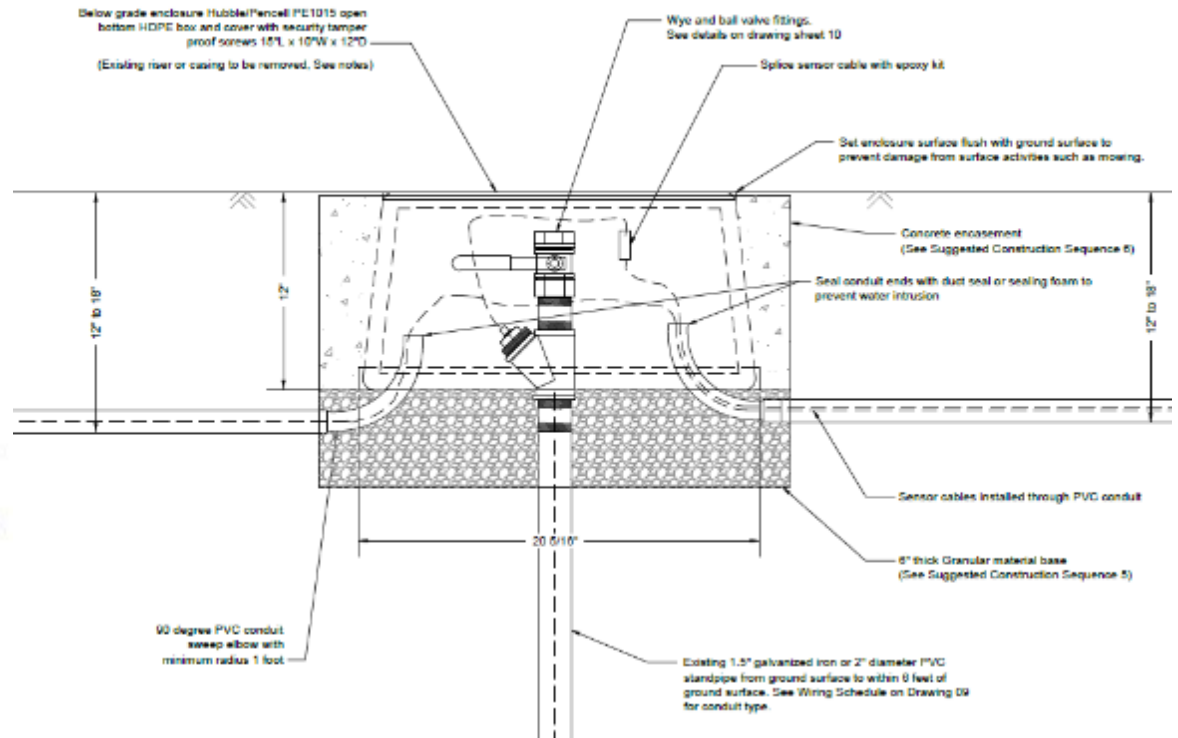


Project Overview (Little Seneca Dam) [2 of 4]

- Approx. 658 lf of total conduit
- Requires trenching/earthwork
- Requires pavement restoration



- B-1 through B-5 are located atop the existing catwalk.
- Includes Powerblanket and heat trace installation for B-6



Project Overview (Little Seneca Dam) [4 of 4]



South end of little Seneca Dam, looking north



Bottom of little Seneca Dam, looking up



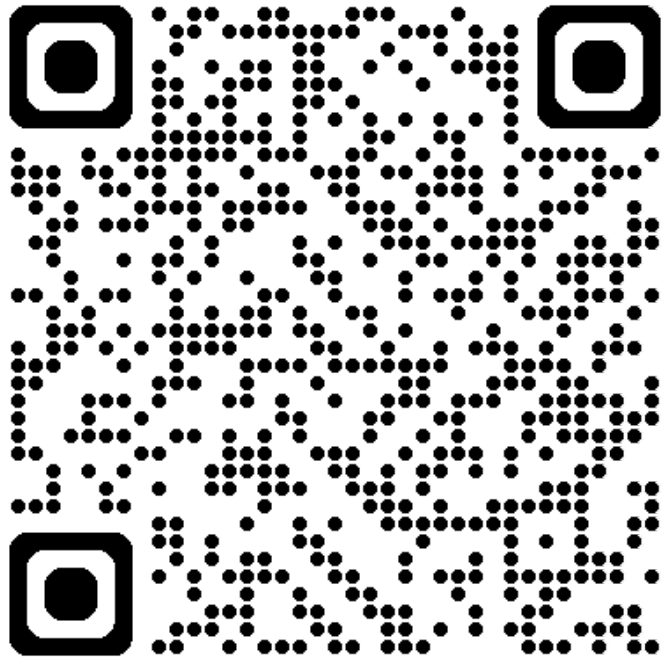
Keys to Success

- Strict adherence to Construction Drawings, WSSC Water standards, and manufacturer requirements.
- Timely coordination with Owner's Representative for submittal reviews, material pickup, and project scheduling
- Site safety compliance
- Skilled workforce, including qualified electrician and safety officer.
- Effective planning and site sequencing, considering weather and access limitations

Project Compliance (Safety)

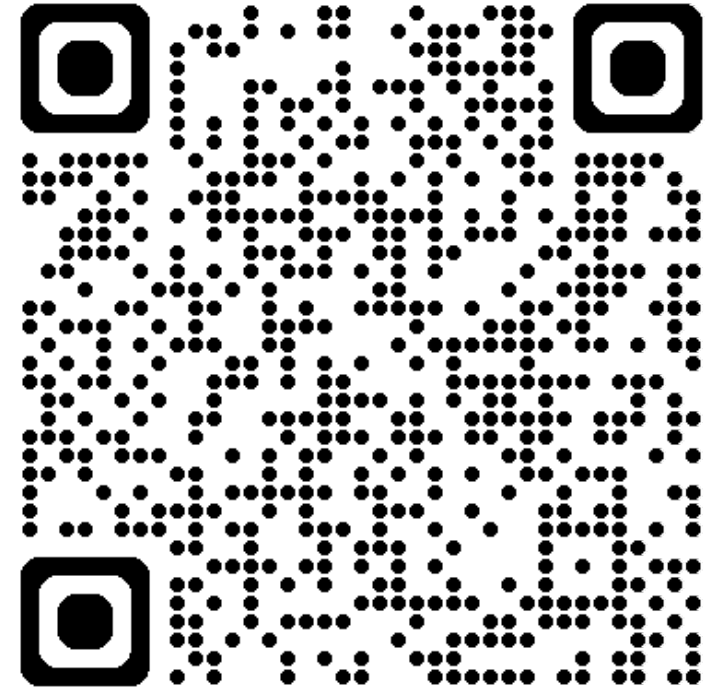
- Submit site-specific Safe Work Plan and obtain approval from WSSC Water Safety Office prior to mobilization
- Follow all OSHA confined space and permitted confined space requirements and Duckett and Brighton Dams
- Provide required PPE and safety personnel, including a rescue crew for work at Duckett Dam
- Comply with Little Seneca Dam Safety Permit
- Provide required qualification documentation, including reference projects, client contacts, license(s), and certification(s)
- Coordinate site access and deliveries with WSSC Water and the Owner's Representative (badged and keyed gates).
- Use approved materials and installation methods; deviations require prior approval.
- Complete all construction work exactly as outlined in the SOW.

Supplier Portal and OpenGov Platforms



or Visit:

<https://www.wsscwater.com/supplier>



or Visit:

<https://procurement.opengov.com/portal/wsscwater>

Questions?





Early Engagement Vendor Session Inquiry Form

<https://forms.office.com/g/c3xHCEqjgG>



Early Engagement Vendor Session Post-Event Survey

<https://forms.office.com/g/57Ws7Ur0Xf>

