



Priest Lake Water Management Project Outlet Dam Improvements  
ITB 2020-002  
Addendum No. 2

Date Issued: June 29, 2020

Date of Bid Opening: July 24, 2020

**NOTICE TO ALL PLAN HOLDERS**

You are hereby notified of the following changes, deletions, additions and corrections to the specifications, and other documents comprising the contract document for the Priest Lake Water Management Project Outlet Dam Improvements.

Bidders shall incorporate this Addendum into the Bid Documents. A Bidder is required to acknowledge receipt of all addenda by identifying the addenda numbers in the space provided on the bid proposal form. Failure to do so may result in the bid being declared nonresponsive.

**THE BID DOCUMENTS ARE MODIFIED OR REPLACED AS FOLLOWS:**

- Final Design Drawings (attached) replace all Draft For Bid Drawings
  - Minor updates to most sheets for final design
  - Revised requirements for access road and approach construction
  - Revised requirements for temporary construction entrance and vehicle washdown.
  - Added definition to apron reinforcing sections
- Final Design Technical Specifications and Appendices (attached) replace all Draft for Bid Specifications and Appendices
  - General updates for consistency and grammar

**THE FOLLOWING ARE PROVIDED AS ADDITIONAL REFERENCE INFORMATION:**

- Added Mandatory Pre-Bid Meeting Presentation Slides
- Added Plan Holders List



**Idaho Water Resource Board**  
**ITB No. 2020-002 Priest Lake Water Management Project**  
**Outlet Dam Improvements**  
**Pre-Bid Meeting**

Presented by: Emily Skoro, Janet Garrett, and Shane Phillips

Date: June 23, 2020

**IDAHO**  
Water Resource Board





**Priest Lake Water Management Project**  
**Outlet Dam Improvements Project**  
**ITB No. 2020-002**

**Mandatory Pre-Bid Meeting**

---

State of Idaho  
ITB No.: 2020-002  
RFP Issue Date: June 18, 2020  
Pre-Bid Meeting Date: June 23, 2020  
Optional Pre-Bid Onsite Meeting Date: June 29, 2020  
Questions Due Date: July 6, 2020  
Proposal Closing Date: July 24, 2020





Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

ITB Lead – Emily Skoro representing the Idaho Water Resource Board (IWRB)

- Purpose of the Meeting:
  - Introductions
  - Project background
  - Project goals
  - Project scope overview
  - Discuss and highlight critical elements of the ITB bid documents and the submittal process



Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

Welcome and Overview of Invitation to Bid Process  
ITB Lead – Emily Skoro, IWRB

- Introduction:
  - State's procurement and contracting team
    - Janet Garrett, Purchasing Agent
    - Sascha Marston, Financial Officer
    - Meghan Carter, Deputy Attorney General
  - ITB IDWR representatives
    - Emily Skoro, P.E., Staff Engineer
    - Rick Collingwood, P.E., Staff Engineer
    - Neeley Miller, Senior Planner
  - Owner's Representative
    - Shane Phillips, PE, D.PE, D.CE with Mott MacDonald



Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

#### Project Background

- Project was initiated by the IWRB to evaluate means of improving operation of the Priest Lake and Priest River system to meet long-term water management objectives.
- Phase 1 – Study was completed in January 2018 and evaluated a range of feasible alternatives in consultation with stakeholders and the public.
- Phase 2 – Preliminary Engineering was completed in June, 2019 and was a continuation of the project including the selection of a final design concept, preliminary design, and regulatory permitting.
- Phase 3 – Final Design includes final design and bid solicitation.
- Construction is scheduled to commence in November, 2020, with completion by March 31, 2021.



Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

#### Project Goals

- Improve Lake Pool Level Water Management during dry and low water years by maintaining a maximum 3.5' level at the USGS outlet gage during the recreational season
- Ensure stability of the dam for increased pool level
- Maintain minimum flow requirements downstream of the dam

Project Scope Overview – Shane Phillips with Mott MacDonald will now present the project scope and requirements.

# Priest Lake Water Management Project

Prebid Meeting – Outlet Dam  
June 23, 2020

Prepared for



Prepared by



## Introduction & Background

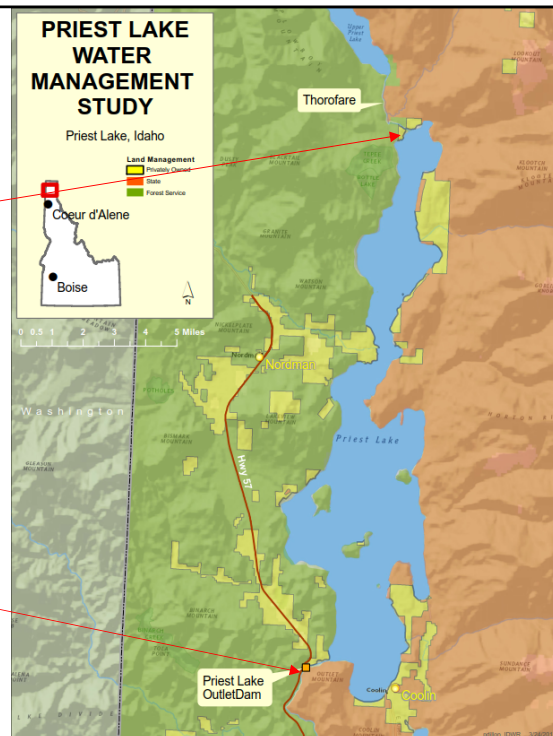


## Project Areas

### Thorofare Improvement Project



### Outlet Dam Improvement Project

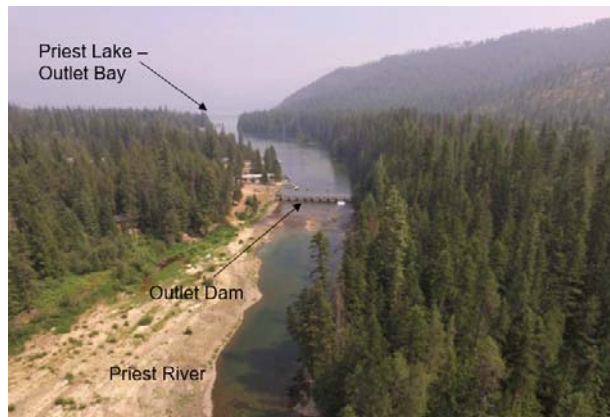


**M M**  
**MOFFIT**  
**MACDONALD**

3

## Project Background

- (1) Funded project by IWRB
- (2) Project sites w/ separate bid packages



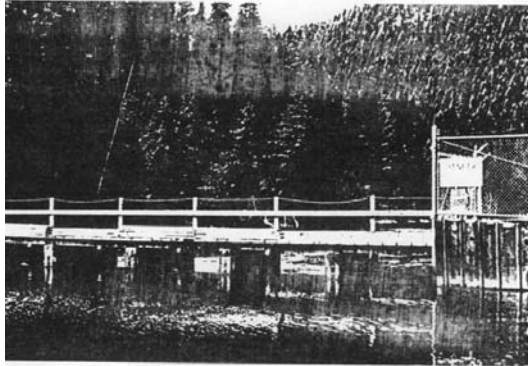
OUTLET DAM



THOROFARE SITE

4

## Priest Lake History



### Outlet Dam

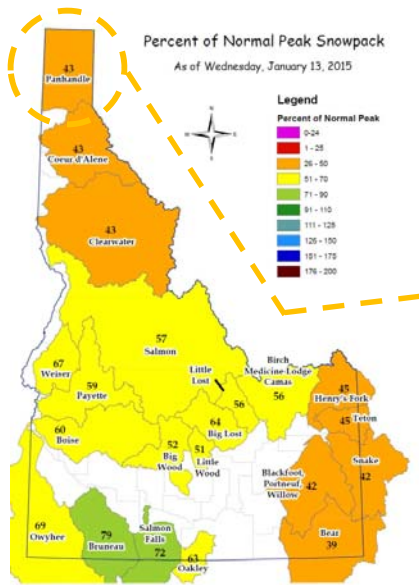
- Enhancements for Water Management
  - 1951 – Timber Dam
  - 1979 – Concrete Dam Reconstruction



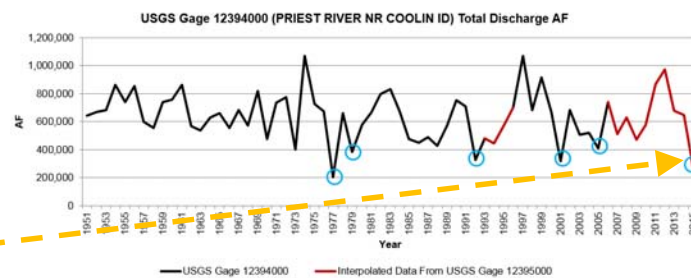
### Thorofare Uses

- 1930's – Dredging/Breakwater
  - Recreation
  - Industry – Timber, Mining

## The Problem – Low Snowpack



## Low Water Years



- More frequent low summer flow & drought conditions
- Considerations for climate change should be part of the alternative water management plan evaluation.
- Criteria to be developed for low water years

## The Problem – Water Management



Water Shortage Dry Years

- 3' Lake Level Management
- 60 cfs Instream Flows Priest River

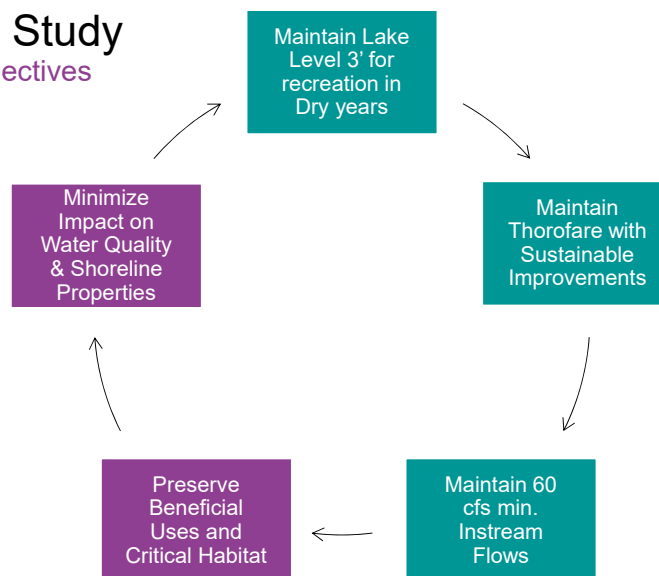


Navigable Access to Upper Priest Lake

- Thorofare Shoaling
- Loss of Navigation
- Erosion Protection
- Timber Breakwater Deterioration

## Priest Lake Water Management Study

Study **Criteria** & **Objectives**

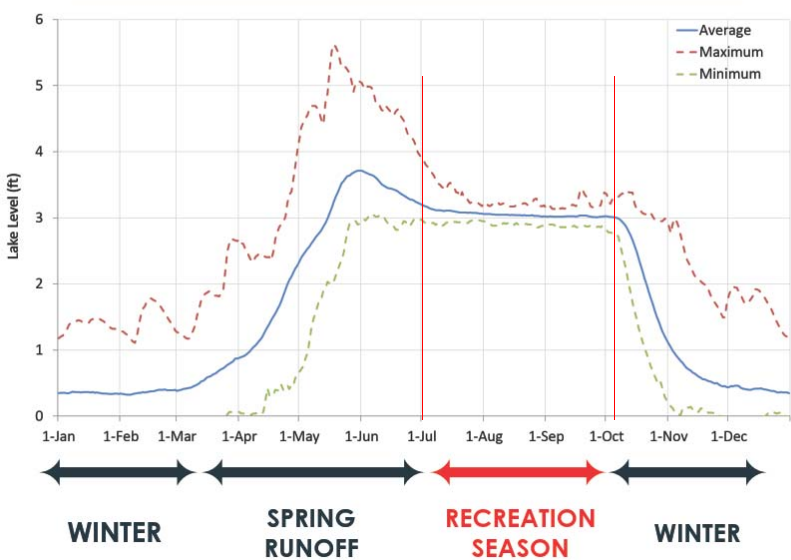




# Seasonal Water Levels

## ANNUAL LAKE LEVEL RUNOFF

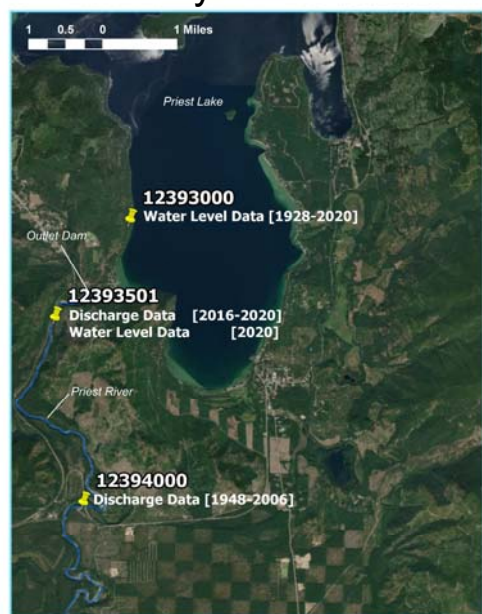
- 3.0' Gage during Recreational Season



6/24/2020

# Data Availability

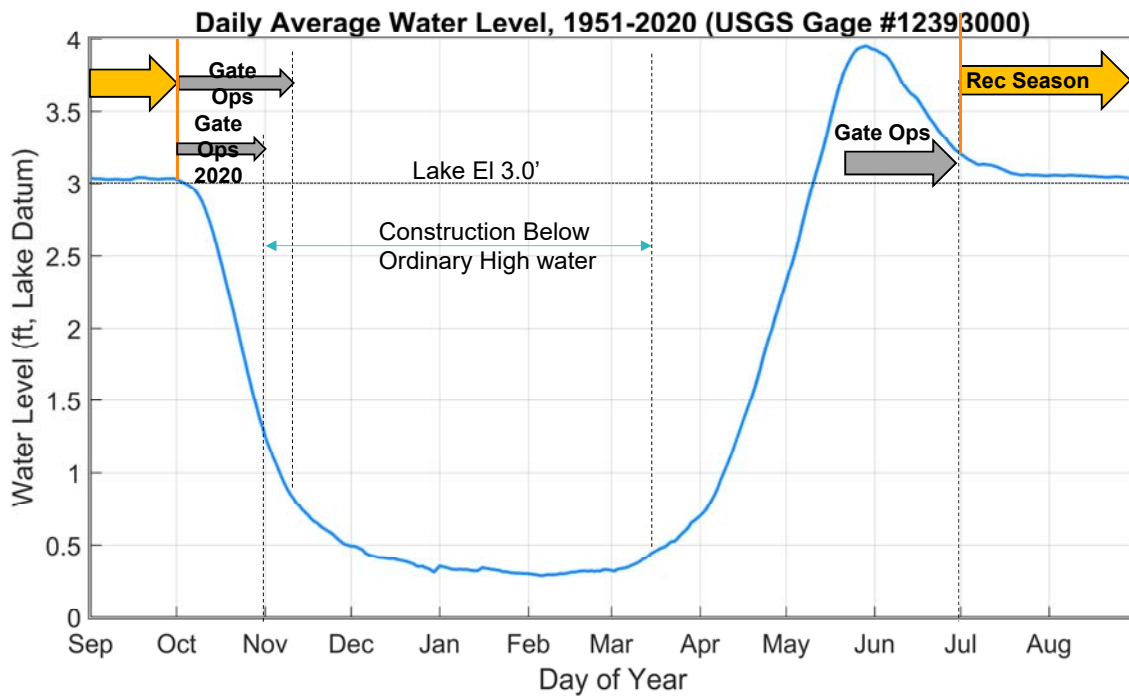
## Datum Conversion



Flow data and reference location provided in Appendices

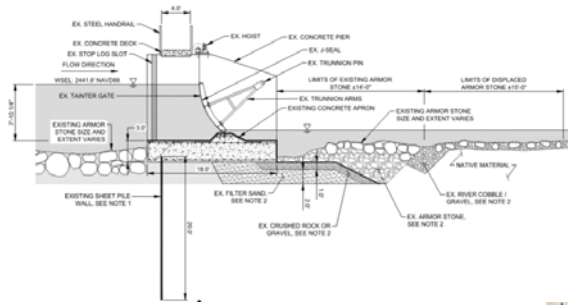
NAVD88		(Lake Datum)
2442.11	+	3.5
2441.61	+	3.0
2438.71	+	0.1
2438.61	+	0.0

USGS GAGE LOCATIONS & AVAILABLE DATA

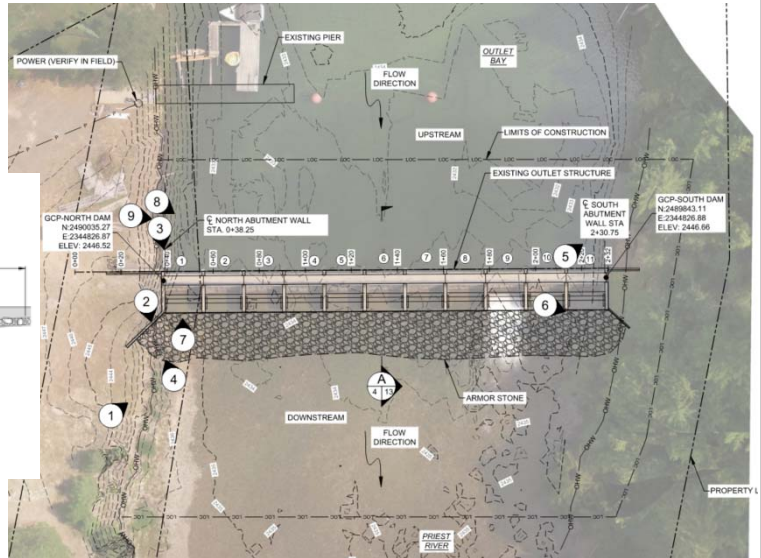


# Outlet Dam

## Existing Outlet Dam



### Existing Dam Cross Section



### Existing Site Plan

6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

13

## Site Photos



ng

14

## Outlet Dam Work List



# 1

### Scour Countermeasures

# 2

### Concrete Improvements

# 3

### Tainter Gate Improvements

# 4

### Miscellaneous Improvements

6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

15

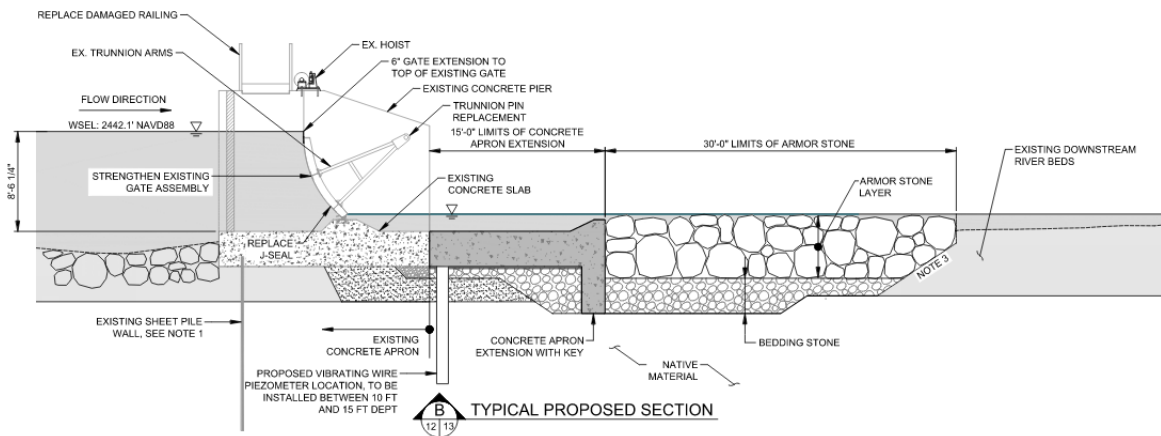
## Scour Countermeasure & Concrete Improvements

### Scour Countermeasures:

1. Fill Scour Downstream of Ex. Apron
2. Remove and Replace Armor Stone
3. Prepare Subgrade for Apron Extension

### Concrete:

1. Install Apron Extension

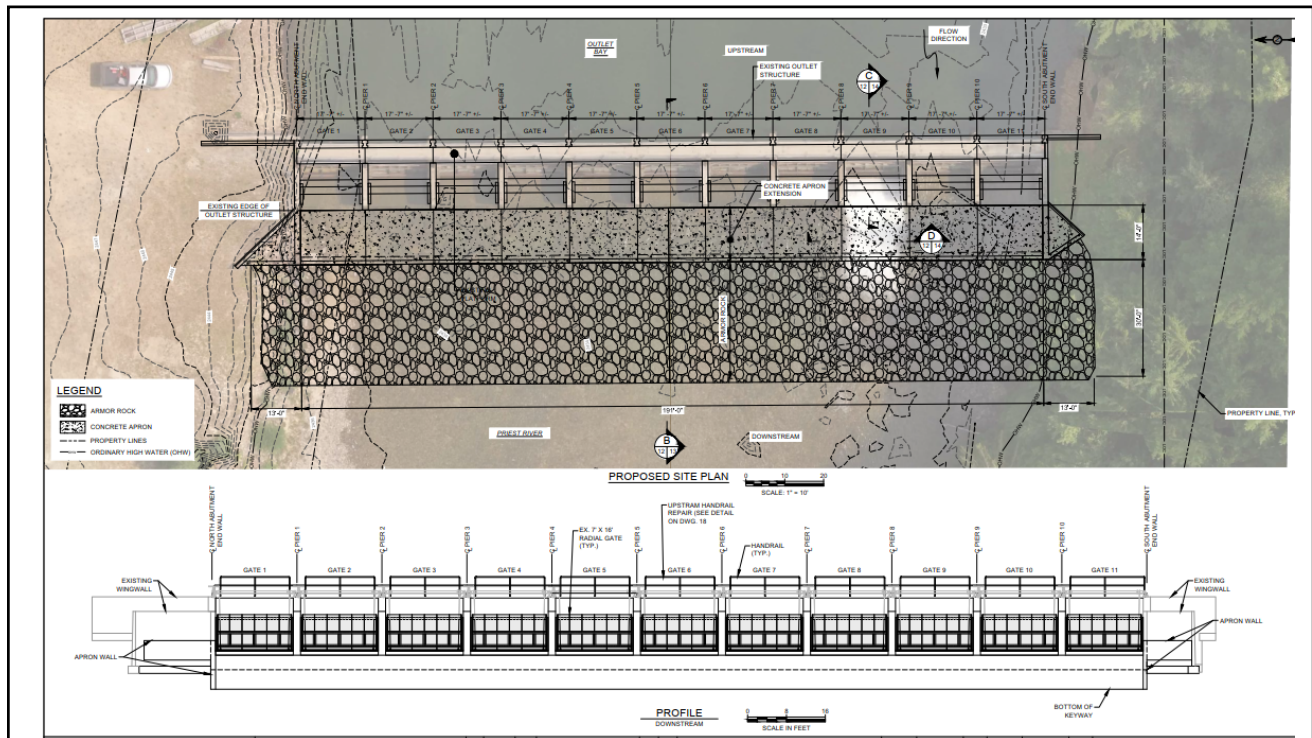


6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

16



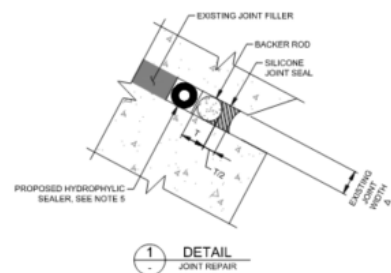
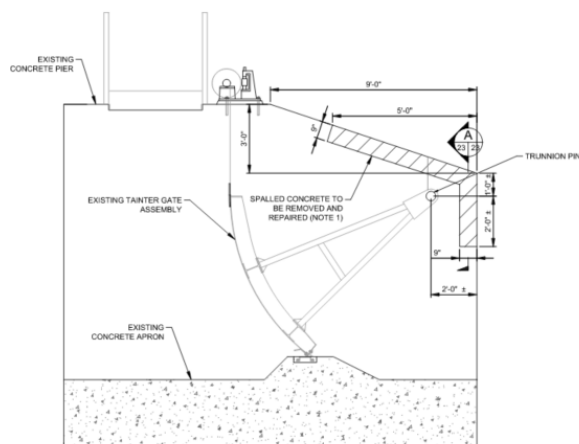


## Concrete Improvements-Cont'd

### Concrete:

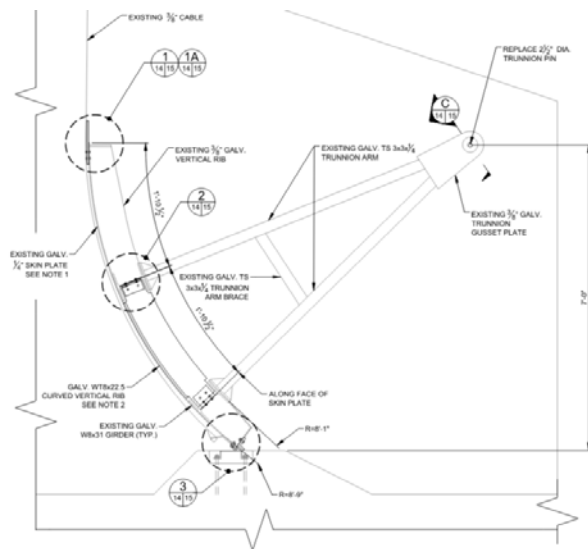
1. Reface Edge of Pier 6

2. Repair Wing Wall Exp. Joints



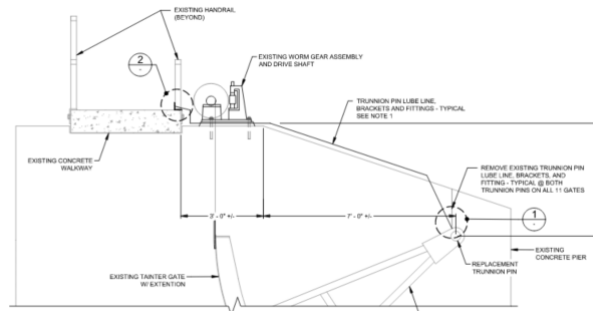


## Tainter Gate Improvements



## Tainter Gates:

1. Install Gate Extension
2. Reinforce Skin Plate
3. Replace Trunnion Pins
4. Replace J-Seals
5. Remove/Replace Grease Fittings



6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

19

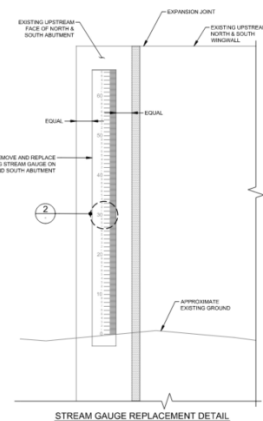
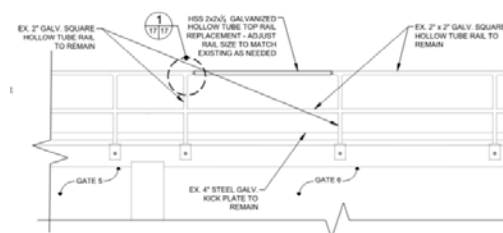
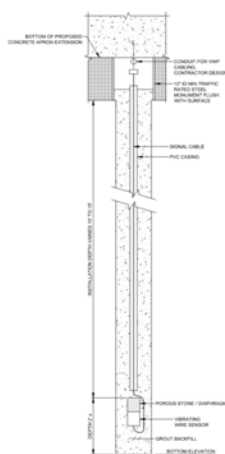
## Miscellaneous Improvements

**Miscellaneous:**

- ### 1. Install Piezometer

- ## 2. Replace Damaged Handrail

- ### 3. Install Stream Gauges



6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

20

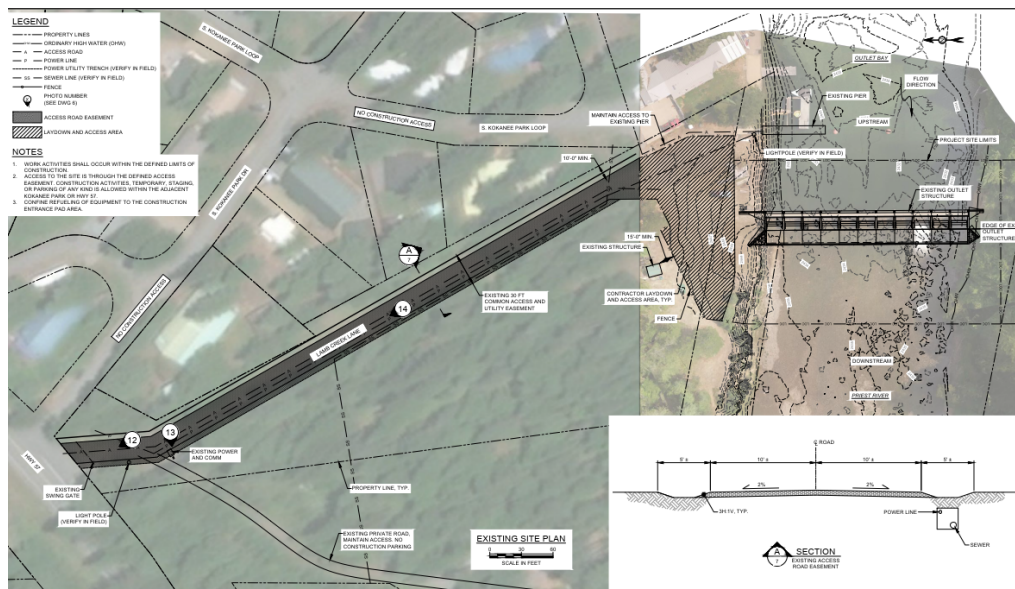
## Roadway Access



6/24/2020

21

## Construction Access

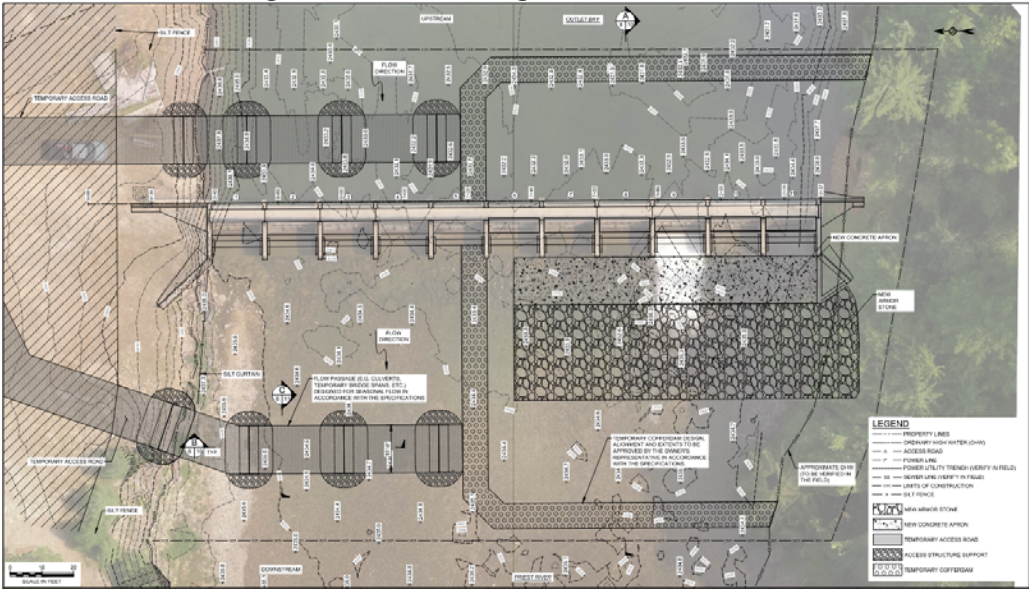


6/24/2020

Mott MacDonald | Priest Lake Water Management Study

22

# Construction Phasing & Dewatering Plan – Phase 1

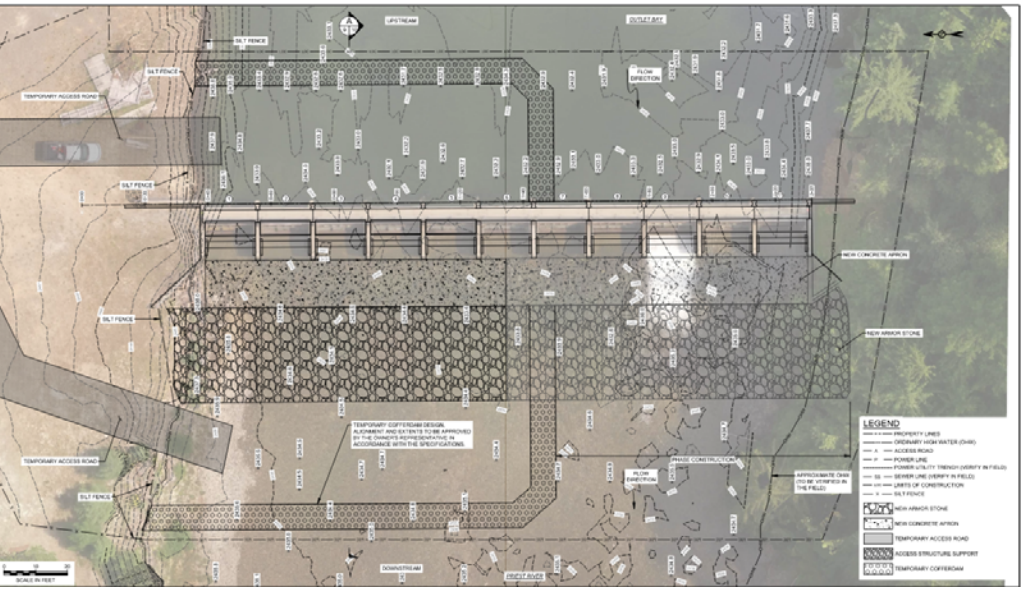


6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

23

# Construction Phasing & Dewatering Plan – Phase 2



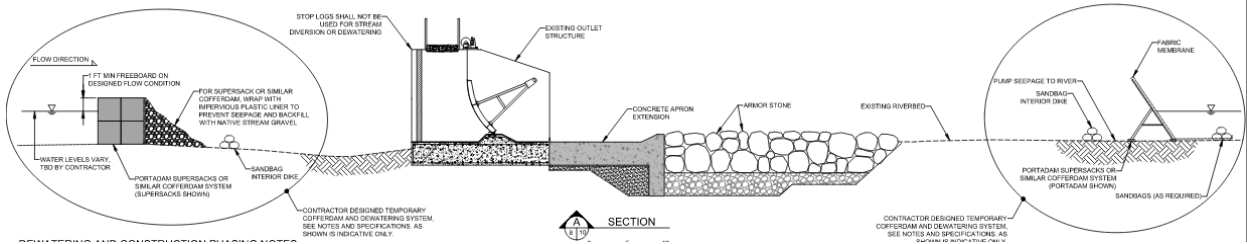
6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

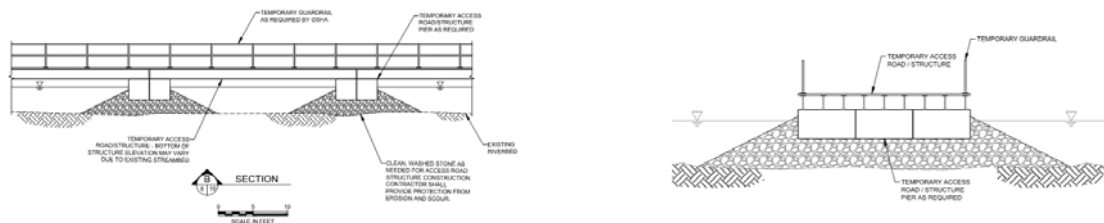
24



# Cofferdam/Dewatering



Dam/Stream Cross Section



Access Road

Access Road Cross Section

# OUTLET STRUCTURE EXISTING (Sept 2017 Low Flow)



## OUTLET STRUCTURE EXISTING (May 2017 High Flow)

---





6/24/2020

Mott MacDonald | Priest Lake Water Management Study, Phase 3 Kickoff Meeting

27








Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT


---

ITB Bid Documents Review and Submittal Process

- The IWRB is seeking qualified and experienced respondents from interested firms to submit an ITB submittal package to complete the Priest Lake Outlet Dam Improvements Project
- ITB Critical Dates:

EVENT	DATE	TIME
Mandatory Pre-Bid Meeting	June 23, 2020	11:30 am – 1:00 pm MDT
Optional Onsite Pre-Bid Meeting	June 29, 2020	9 am – 11 am PDT
Questions Due Date	July 6, 2020	5 pm MDT
Project Addenda will be issuance no later than	July 17, 2020	5 pm MDT
Submittal Due Date and Submittal Opening	July 24, 2020	4 pm MDT







Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

ITB Bid Documents Review and Submittal Process  
Introduction to Bidders

- Fixed Price Construction Contract for the Project
- Individual bid items shall be on lump-sum and unit-price basis, and the award will be based on the lowest total Bid Price of the lowest, responsive, responsible, and qualified Bidder.
- Bid Documents: Available for download at <https://idwr.idaho.gov/solicitations/>
- It is the Bidder's responsibility to check for addenda prior to submitting a bid. A Bidder is required to acknowledge receipt of all addenda by identifying the addenda numbers in the space provided on the bid proposal form. Failure to do so may result in the bid being declared nonresponsive.





Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

ITB Bid Documents Review and Submittal Process  
Bid Requirements

- Bid Security of 5% of the bid is REQUIRED.
- All permits are the responsibility of the Contractor unless specified that it would be Owner provided. No extra time shall be allowed for completion of project due to failure to obtain approval of correct permits.
- Contractor shall commence its Scope of Work in accordance with the Notice to Proceed and complete its work by April 1, 2021.
- A Public Works Contractors License for the State of Idaho is required to bid on this work.





Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

ITB Bid Documents Review and Submittal Process  
Bid Forms that Require Signatures

- Bid Proposal Form
- Contractor's Affidavit Concerning Alcohol and Drug-Free Workplace
- Bidder's Acknowledgment Statement
- Bidder's Qualification Statement
- Bid Bond (bid security)
- Bidder's Checklist





Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT

---

ITB Bid Documents Review and Submittal Process  
Bid Submittal Instructions

- Bids shall be submitted in a sealed envelope with the following clearly printed on the outside of the envelope: Project name and ITB No.; the name and address of the bidder; and a statement, such as “BID ENCLOSED” to indicate that it is a bid. When bids are mailed or shipped with hard copies, the sealed envelope containing the hard copy bid shall be enclosed in a separate mailing envelope with the notation “SEALED BID ENCLOSED” on the face thereof. If mailed, the mailing envelope shall be addressed as follows:

Idaho Water Resource Board  
Attn: 2020-002 ITB Lead  
322 E Front Street, Suite 648  
PO Box 83720  
Boise, ID 83720-0098



Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT


---

ITB Bid Documents Review and Submittal Process  
Bid Submittal Instructions

- Electronic version of the bid may be submitted on a flash drive. If the bidder chooses to submit their bid on a flash drive, compile the bid into one pdf document.
- Late submissions will be rejected, will not be opened and will be returned to the bidder. No deviations will be allowed.
- It is anticipated that a contract will be executed on or around August 14, 2020, with in-water construction to commence on or around November 1, 2020. The Project is to be substantially complete by March 15, 2021.

\*Review the complete set of bid documents and technical specifications  
\*Review the complete set of bid documents and technical specifications  
\*Review the complete set of bid documents and technical specifications

**IDAHO**  
Water Resource Board



Pre-Bid Meeting June 23, 2020  
11:30 a.m. – 1:00 p.m. MDT


---

ITB Bid Documents Review and Submittal Process  
Review of Project Drawings and Specifications

It is the responsibility of the Respondent to:

- Review the complete set of bid documents and compare them as needed, including with regard to any other work that is or may be under construction that might affect the Bidder or its work
- Review project site limitations and access
- Review to examine the site and local conditions
- Report via email any questions, errors, inconsistencies, or ambiguities in the bid documents to the ITB Lead



**IDAHO**  
Water Resource Board



**Opportunity to ask Questions**

---



- Proposers participating in this meeting will have an opportunity to ask questions during the question answer portion of the meeting.
- If you have a question, raise your hand, state your name and the company you represent, and ask your question. Responses to all questions presented orally at this meeting is considered unofficial.
- If you are participating by teleconference, please write your name and question in the comment bar and you questions will be addressed during the question answer portion of the meeting as well.
- All questions that will have official responses are required to be submitted via email to [IDWR.purchasing@idwr.idaho.gov](mailto:IDWR.purchasing@idwr.idaho.gov).



### Opportunity to ask Questions

---


- Questions will be accepted until 5:00 p.m. MDT on July 6, 2020. Proposers shall be responsible to review the questions and answers posted on the IDWR website at <https://idwr.idaho.gov/solicitations/>.
- INTERESTED PROPOSERS ARE CAUTIONED NOT TO RELY ON ORAL RESPONSES PROVIDED BY THE STATE. ALL QUESTIONS AND OFFICIAL RESPONSES WILL BE PUBLISHED IN AN ADDENDUM.



### Closing Remarks

---

- Submit all questions prior to 5:00 p.m. MDT on July 6, 2020.
- Review the ITB thoroughly, and respond to all requirements.
- We appreciate your interest in meeting the needs of the State of Idaho.





## Plan Holders List-Priest Lake Outlet Dam Improvements Project

Strider Construction Co., Inc.
Quigg Brothers, Inc.
Advanced American Construction
Pacific Pile & Marine, LP
Envirocon
Goodfellow Bros.
American Construction
N.A. Degerstrom, Inc.
Ronglins, Inc.
Crux Diving, Inc.
Syman Erosion & Sediment Control
Selland Construction
Northbank Civil & Marine
Missoula Plans Exchange
Halme Construction
Wm. Winkler Company
Builders Exchange of Washington, Inc.
TML Construction, Inc.
TCG, Inc.
Max J. Kuney Company
Ballard Marine Construction
IMCO General Construction
Versatile Industries, Inc.
C.E. Kramer Crane & Contracting, Inc.
Noble Excavating