



1112 Manatee Avenue West
Bradenton, FL 34205
purchasing@mymanatee.org

Solicitation Addendum

Addendum No.: 1
Solicitation No.: 21-TA003823CD
Project No.: 6108870
Solicitation Title: Phase II Repairs to Lake Manatee Dam
Addendum Date: August 20, 2021
Procurement Contact: Chris Daley, CPPO, CPPB- Procurement Project Manager

IFBC No. 21-TA003823CD is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC No. 21-TA003823CD

**CHANGE TO:
ADVERTISEMENT PAGE, ADVERTISEMENT HEADER**

INVITATION FOR BID CONSTRUCTION, NO. ~~21-TA003283CD~~ 21-TA003823CD

**CHANGE TO:
SECTION A, THIRD PARAGRAPH OF ARTICLE A.04, SUBMISSION OF BIDS**

Submit the Bid package in a sealed container with the following information clearly marked on the outside of the package: IFBC NO. ~~21-TA003283CD~~ 21-TA003823CD, Phase II Repairs to Lake Manatee Dam, Bidder's name, and Bidder's address. Bids must be delivered to the Manatee County Procurement Division prior to the Due Date and Time at the following address:

Manatee County Procurement Division
1112 Manatee Avenue West, Suite 803
Bradenton, FL 34205

ADD:

The following items are issued with this Addendum 1 for informational purposes:

1. Attendance Record for Non-Mandatory Informational Conference held on August 20, 2021 at 10:00 AM.
2. Information Conference Presentation 1- regarding the solicitation
3. Information Conference Presentation 2- regarding the work to be performed
4. CAD Design files (uploaded as a separate zip file)
5. Navisworks 3-D Model (uploaded as a separate file)

NOTE:

Deleted items will be ~~struck through~~, added or modified items will be underlined. All other terms and conditions remain as stated in the IFBC.

INSTRUCTIONS:

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

END OF ADDENDUM

AUTHORIZED FOR RELEASE

**ATTENDANCE RECORD for IFBC 21-TA003823CD – Phase II repairs to Lake
Manatee Dam
NON-MANDATORY INFORMATION CONFERENCE**

Location: Manatee County Administration Building
1112 Manatee Avenue West- Suite 863- HR Training Room
Bradenton, FL

Date/Time: August 20, 2021 @ 10:00AM

| Attendee Name | Company | Phone and Email Address |
|---|-----------------------------|---|
| Chris Daley- CPPO CPPB Procurement Manager | Manatee County Procurement | 941-749-3048 Chris.daley@mymanatee.org |
| Russell Cooper | Baver Foundation Corp | 813-947-1501 Russell.Cooper@BaverFoundation.com |
| Eric Brichler | Nicholson Construction | 513-373-6669 Eric.Brichler@nicholsonconstruction.com |
| Kyle Adkins | Ballard Marine Construction | (905) 445-5439 kyle.adkins@ballardmc.com |
| Matt Eidson | Phillips ; Brown | 941-705-9558 meidsen@pandj.com |
| DAVID BUTCHER | WOOD | david.butcher@woodplc.com |
| Glen Andersen | WOOD | glen.andersen@woodplc.com |
| Philip Marcum | WOOD | philip.marcum@woodplc.com |
| MARK LEON | WOOD | MARK.LEON@woodplc.com |
| TREY DAVIS | KELLER | TRDAVIS@KELLER-NA.com |
| Michael Chmara | Veccellio & Grogan, Inc | mchmara@veccelligrogan.com 425-499-2033 |
| Abby Conner | Kiewit | abby.conner@kiewit.com 321-202-8353 |
| DUSTIN GUSZKIEWICZ | PCL CONSTRUCTION INC | DJGUSZKIEWICZ@PCL.COM |
| Bill Miller | Thalle Construction | 336-212-2422 BMiller@thalle.com |



Non-Mandatory Solicitation Information Conference

IFBC No. 21-TA003823CD
Phase II Repairs to Lake Manatee Dam

Due Date: September 29, 2021 at 3:00 P.M.

Please silence your cell phone.



Agenda

- Introductions
- Lobbying Limitation
- Notifications
- Solicitation Schedule
- Evaluation of Bids
- Background
- Specifications / Scope
- Minimum Qualifications
- Mistakes That Could Cost You



Lobbying Limitation

- The limitation against lobbying begins at the date and time solicitations advertise and ends upon execution of the final contract.
- All inquiries/communications regarding IFBC must be submitted to chris.daley@mymanatee.org or purchasing@mymanatee.org

ATTN: Chris Daley



Lobbying Limitation

Lobbying prohibition limits communication between:

- Prospective bidders or their agents, representatives, or persons acting at the request of such bidder
- and
- County officers, agents or employees other than the Procurement Official (e.g., County Commissioners, County Administrator, County Consultants)

Includes copying such person on written communications but does not apply to a commission meeting where the Commission is considering approval of a proposed contract.



Notifications

- The County utilizes the following methods for notification and distribution of solicitation opportunities:
 - County Website www.mymanatee.org
 - BidSync www.bidsync.com
 - Request via email purchasing@mymanatee.org
 - Hard copies are available at County Administration Bldg, 8th fl
- These are the only authorized methods
- Bidder must verify the validity of all ITB documents and solicitation information received from other sources



Solicitation Schedule

| ACTIVITY | DATE |
|---|--|
| Issue IFBC | August 13, 2021 |
| Pre-solicitation Conference | August 20, 2021 |
| Mandatory Site Visit- by appointment (A.02) | August 23, 24, 30, and 31 st , 2021 |
| Deadline for Delivery of Questions | September 9, 2021 |
| Due Date and Time (for delivery of Bids) | September 29, 2021 at 3:00 PM |
| Projected Award | October 2021 |



Due Diligence Evaluation of Bids

- During the due diligence review, bids are evaluated to determine whether each Bidder is responsive and responsible.
- A responsible Bidder means a Bidder that meets the qualification requirement(s) of this IFBC.
- A responsive Bidder means a Bidder has submitted a Bid that conforms in all material respects to the requirements in the IFBC.



Minimum Qualifications

Appendix A

- Bidder must be registered with the State of Florida.
- Bidder, or its representatives, has attended one of the Mandatory Site Visits
- Bidder must have possessed a General Contractor's license issued by the Florida DBPR for a period of at least five (5) consecutive years since August 1, 2016.
- Bidder, or Bidder's subcontractor, has provided embankment dam or levee construction or repair services for at least three (3) projects in which each project has a minimum contract values of \$1 million, and were performed on significant or high hazard facilities, and had an embankment height greater than 20 feet. At least one of these projects shall involve the use of steel sheet pile cofferdam with a minimum differential water height of 15 feet, and at least one project shall have involved the repair, rehabilitation, or installation of steel gates.



Minimum Qualifications

Appendix A

- Bidder, or Bidder's subcontractor, has provided spillway gate repairs or rehabilitation for at least three (3) projects in which each project included the installation, repair or rehabilitation of steel spillway or flood gate structures. At least one of the projects shall have included the repair or replacement of the electrical and mechanical lifting mechanisms.
- Bidder, or Bidder's subcontractor, has provided barge operations (or temporary floating work platforms) for at least three (3) projects in which each project included deployed barges for construction work with cranes and excavators over water. At least one of the projects shall have included a deployed barge in captive water which does not have access to the ocean.
- Bidder, or Bidder's subcontractor, has provided steel sheet pile driving services over water for at least three (3) projects in which each project included a minimum of 15,000 square feet of steel sheet pile as measured by the cumulative driven area below grade.



Minimum Qualifications

Appendix A

- Bidder, or Bidder's subcontractor, has provided steel pipe driving services over water for at least three (3) projects in which each project included a minimum of 1,000 linear feet, as measured below grade, of 24 inch or larger diameter pipe pile.
- Bidder, or Bidder's subcontractor, has constructed and maintained a braced steel sheet pile coffer dam for at least one (1) project which included excavation and underwater construction, and a minimum of 20 feet water level differential for a minimum period of 30 days. The project must have been located where potential for extreme flooding events required the development of an emergency cofferdam flooding plan. This location could have been in Florida, or near the Gulf of Mexico, or along the Atlantic Ocean coastline, or other location where such a plan was required.
- Bidder, or Bidder's subcontractor, has provided cementitious jet grouting services for at least three (3) projects in which each project included grouting to depths of a minimum 25 feet below land surface, construction of overlapping columns capable of forming a seepage barrier, and a minimum of 1,500 cubic yards of grout mix.



Minimum Qualifications

Appendix A

- Bidder, or Bidder's subcontractor, has provided sand/polymer void filling services for at least one (1) project that included pumping high permeability sand (SD or DS-SM) using a polymer or similar to fill voids adjacent to existing structures using a process designed to prevent damage to an overlying soil-cement slope, or concrete apron, or reinforced slab, or adjacent facility while maintaining permeability of the sand.
- Bidder, or Bidder's subcontractor, has provided deep soil mixing services for at least three (3) projects since August 2016 in which each project included deep soil mixing to depths of a minimum 30 feet below ground surface, construction of overlapping columns capable of forming a seepage barrier, and a minimum of 1,500 cubic yards of deep soil mixing.
- Bidder, or Bidder's subcontractor, has provided deep soil mixing services for at least three (3) projects in which each project included the placement of or repairs to upstream surface erosion systems on earthen dams greater than 20 feet in height, involved both above and below water work using soil cement full depth replacement, structural concrete overlays, fabric-formed concrete mat, or similar for a minimum of 400 square yards.



Minimum Qualifications

Appendix A

- Bidder, or Bidder's subcontractor, has provided emergency shutdown plans for hurricane, tropical storm, or heavy rainfall events involving over water or near water work for at least three (3) of the projects provided in items 4 thru 13 above in which each emergency shutdown plan demonstrated integration with the Owner's safety operations, and identified critical processes and decisions in preparation for, during, and immediately following these events.



Specifications/Scope

- The Work included in this BID consists of repairs to the Lake Manatee Dam to include the installation and dewatering of cofferdams (steel sheet pile and pipe pile combi-walls): overwater work; diver supported underwater work; deep soil-mixing; concrete repairs; steel gate repairs; electrical and mechanical repairs to spillway gate structures; and jet grouting per the plans and specifications.



Completion of Work & Liquidated Damages

- The Work will be completed and ready for final inspection within the specified calendar days from the date the Contract Time commences to run. Completion time shall be based on 600 calendar days.
- If the successful Bidder fails to achieve substantial completion of the Work within the contract time and as otherwise required by the Agreement (to include not only the entire Work but any portion of the Work as set forth therein), the County shall be entitled to retain or recover from the successful Bidder, as liquidated damages and not as a penalty, the sum of \$4,993.00 per calendar day, commencing upon the first day following expiration of the contract time and continuing until the actual date of substantial completion.



Bonds

- 5% Bid Bond
- 100% Performance and Payment Bond
- Engineer's Estimate = \$20,000,000



Insurance Exhibit 1

- Comprehensive General Liability Insurance
 - Automobile Insurance
 - Builder's Risk
 - Workers' Compensation - statutory limits.
 - Employers' Liability –
 - US Longshoreman & Harbor Workers Act
 - Jones Act coverage
-
- Refer to Exhibit 1 for minimum limits



Mistakes That Could Cost You!

- Delivering the response after the deadline.
- Failing to provide the information requested for the “Minimum Qualifications”
- Not presenting questions regarding minimum requirements, scope/specifications, terms and conditions, or other provisions prior to the deadline for delivery of questions.



Mistakes That Could Cost You!

- Providing information that is not legible, too small or blurry
- Failing to acknowledge addenda
- Failing to sign the response



Lobbying Limitation

- The limitation against lobbying begins at the date and time solicitations advertise and ends upon execution of the final contract.
- All inquiries/communications regarding IFB must be submitted to chris.daley@mymanatee.org or purchasing@mymanatee.org

ATTN: Chris Daley



Solicitation Schedule

| ACTIVITY | DATE |
|---|--|
| Issue IFBC | August 13, 2021 |
| Pre-solicitation Conference | August 20, 2021 |
| Mandatory Site Visit- by appointment (A.02) | August 23, 24, 30, and 31 st , 2021 |
| Deadline for Delivery of Questions | September 9, 2021 |
| Due Date and Time (for delivery of Bids) | September 29, 2021, at 3:00 PM |
| Projected Award | October 2021 |

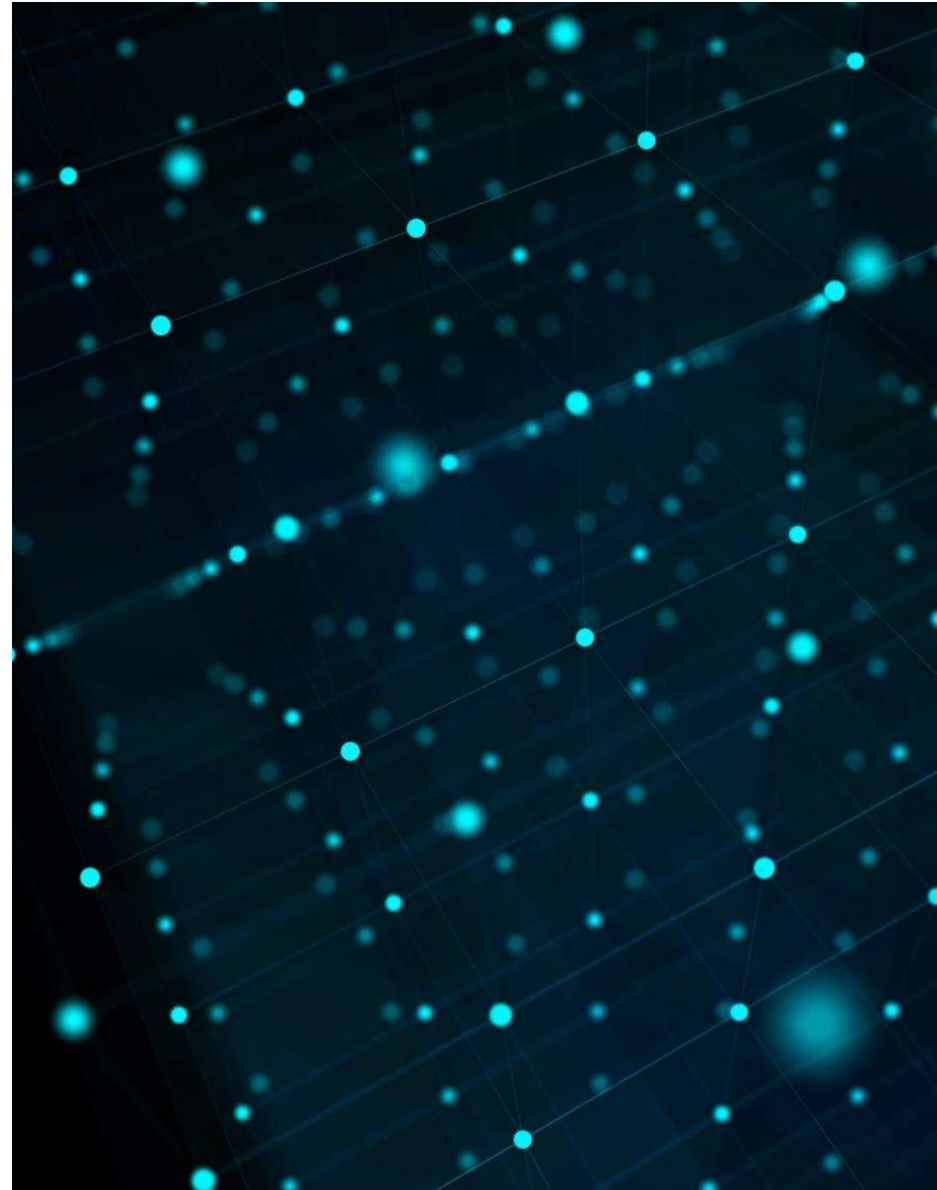


PHASE II Repairs to Lake Manatee Dam

Contractor Pre-Bid Meeting
IFBC 21-TA003823CD

Manatee County Public Works
Project No. 6108870

20 August 2021



Pre-Bid Meeting Agenda

- Introductions
- Procurement
- Submittal Requirements
- Clarifications and Addenda
- Required Site Visit during Procurement
- Project Background
- Site Specific Safety Moment
- Scope of Work
- Contractor Qualifications
- Quality Control
- Schedule
- Responsibilities during Construction
- Owner Provided Information
- Contractor Q&A
- Closing





Introductions

Manatee County Public Works

- Albert Rosenstein, Project Manager
- Chris Daly, Procurement Manager

Wood

- David Butcher, Project Manager
- Glen Andersen, Principal Engineer
- Mark Leon, Lead Structural Engineer
- Philip Marcum, Project Engineer

Procurement

- Mandatory Site Visit
- Question and Clarification Deadline September 9, 2021
- Final Addendum Posted September 16, 2021
- Bid Response Due Date and Time September 29, 2021, 3:00 PM, ET
- Projected Award October 2021



Submittal Requirements

The contents of the Bid sealed package must include:

- One (1) bound original clearly identifying Bidder and marked "ORIGINAL".
- One (1) electronic format copy clearly identifying Bidder.

GENERAL DOCUMENTS TO BE SUBMITTED WITH CONTRACTOR BID PACKAGES

- Emergency Shutdown Plan for Hurricane, Tropical Storm, or Heavy Rainfall Event
- Health and Safety Management Plan
- Construction Schedule (Primavera)
- Construction Quality Control Plan

- APPENDIX A, MINIMUM QUALIFICATIONS
- APPENDIX B, BIDDER'S QUESTIONNAIRE
- APPENDIX C, SAFETY QUESTIONNAIRE
- APPENDIX D, ENVIRONMENTAL CRIMES CERTIFICATION
- APPENDIX E, FLORIDA TRENCH SAFETY ACT
- APPENDIX F: ePAYABLES APPLICATION
- APPENDIX G, SCRUTINIZED COMPANY CERTIFICATION

- APPENDIX H, MANATEE COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA, INDEMNITY AND HOLD HARMLESS
- APPENDIX I, INSURANCE STATEMENT
- APPENDIX J, ACKNOWLEDGMENT OF ADDENDA
- APPENDIX K, AFFIDAVIT OF NO CONFLICT
- APPENDIX L, BID PRICING FORM
- SECTION C, BID ATTACHMENTS

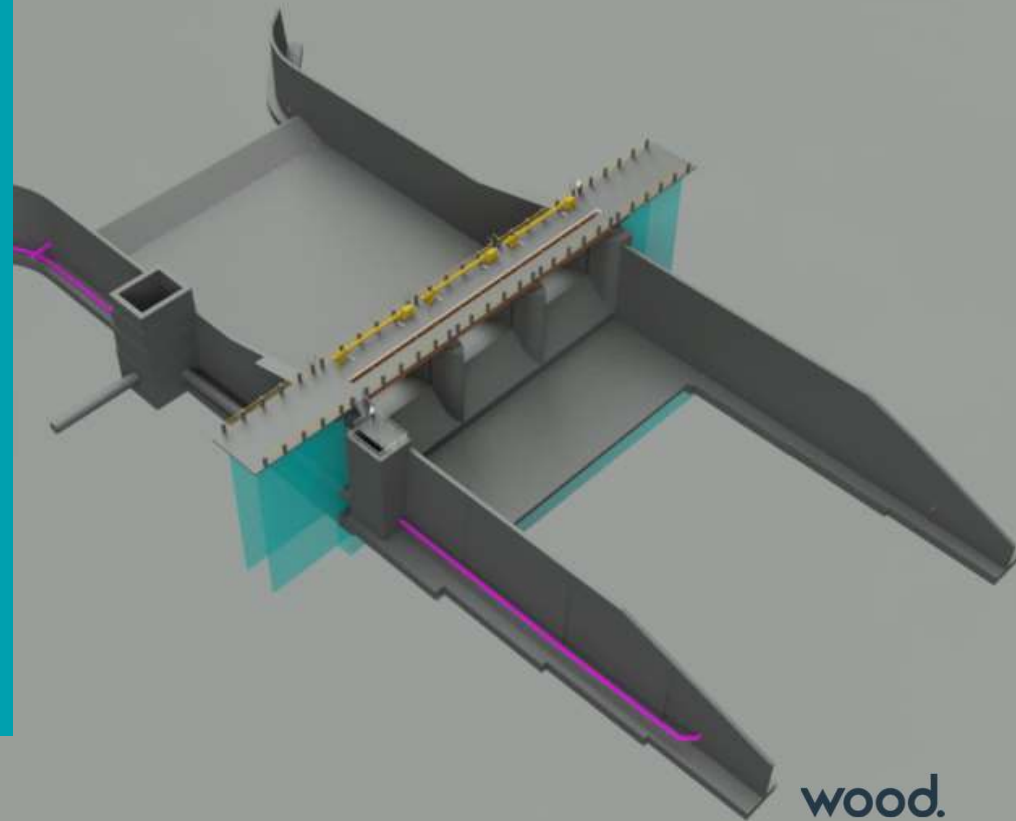
Clarifications and Addenda

- Any interpretations, corrections or changes to this IFBC will be made by addenda.
- Addenda will be posted on the Procurement Division's web page of the County website
- at <http://www.mymanatee.org/purchasing> > Bids and Proposals.
- Any questions or requests concerning interpretation, clarification or additional information pertaining to this IFBC, including the sample Agreement, shall be made in writing via email to the Manatee County Procurement Division to the Designated Procurement Contact or to purchasing@mymanatee.org.
- All questions received and responses given will be provided to potential bidders via an addendum to this IFBC.
- Manatee County will not be responsible for oral interpretations given by other sources including County staff, representatives, or others.

"All addenda are a part of the IFBC and each Bidder will be bound by such addenda."

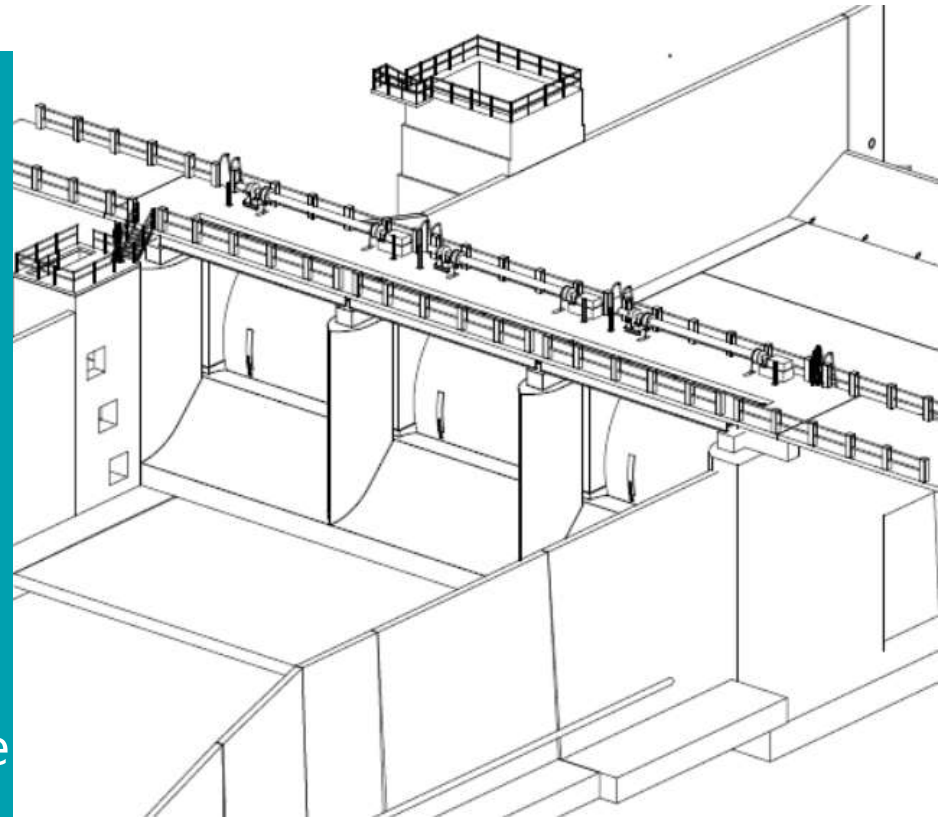
Required Site Visit During Procurement

- Mandatory Site Visit
 - Monday, August 23, 2021
 - Tuesday, August 24, 2021
 - Monday, August 30, 2021
 - Tuesday, August 31, 2021
 - 8:00 am to 9:30 am
 - 10:00 am to 11:30 am
- Contact Kate Quilty at 941-746-3020 ext 5005 to schedule appointment



Project Background

- Constructed between 1965 and 1967
- Zoned-earthen dam
- Freshwater for Manatee and Sarasota Counties
- Ogee Spillway, three 15-foot radius tainter gates, each 31.5-feet wide
- Voids under spillway caused by design flaws
- Multiple large sinkholes caused by voids
- Emergency repair (2014) to prevent breach of embankment
- Phase II nonemergency repairs to prevent future voids and perform other repairs and upgrades

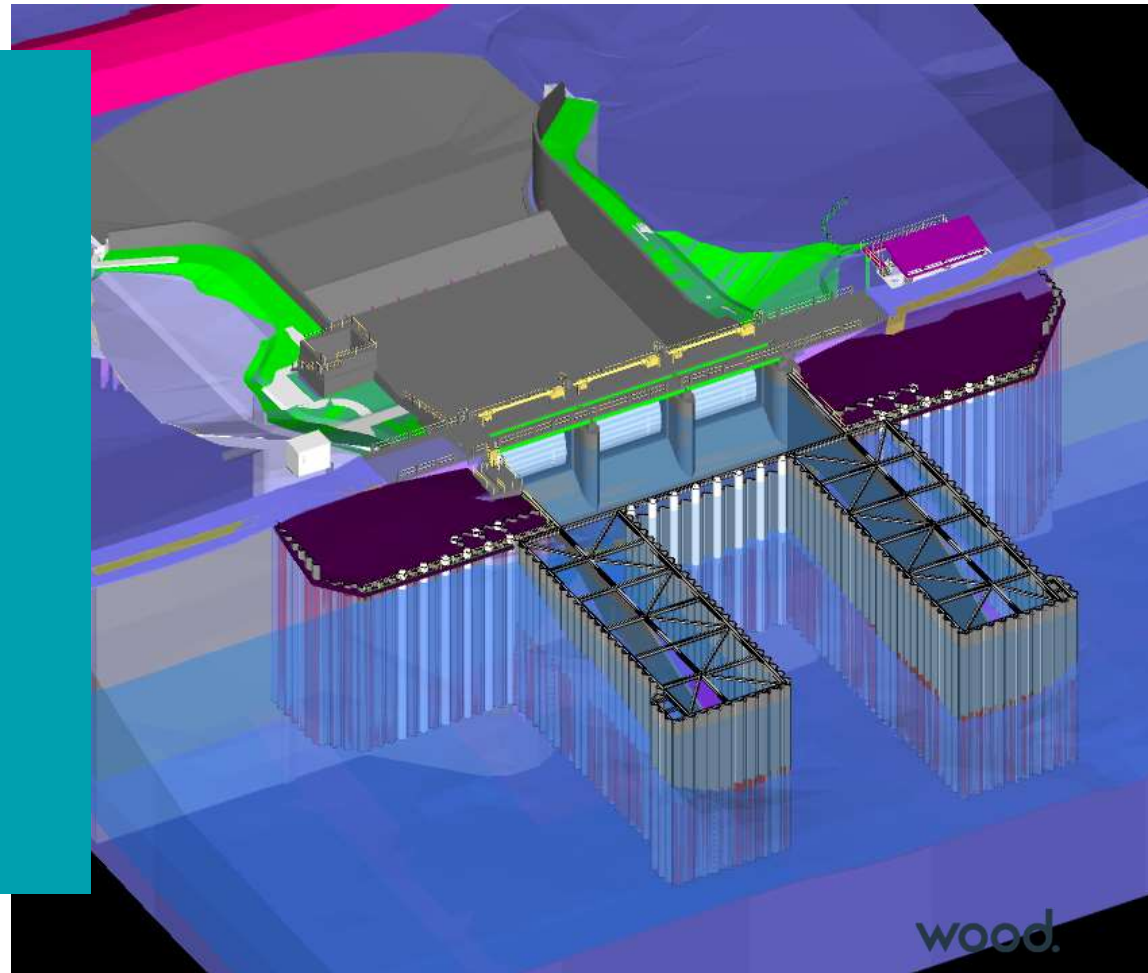


Safety Moment - Dam Safety

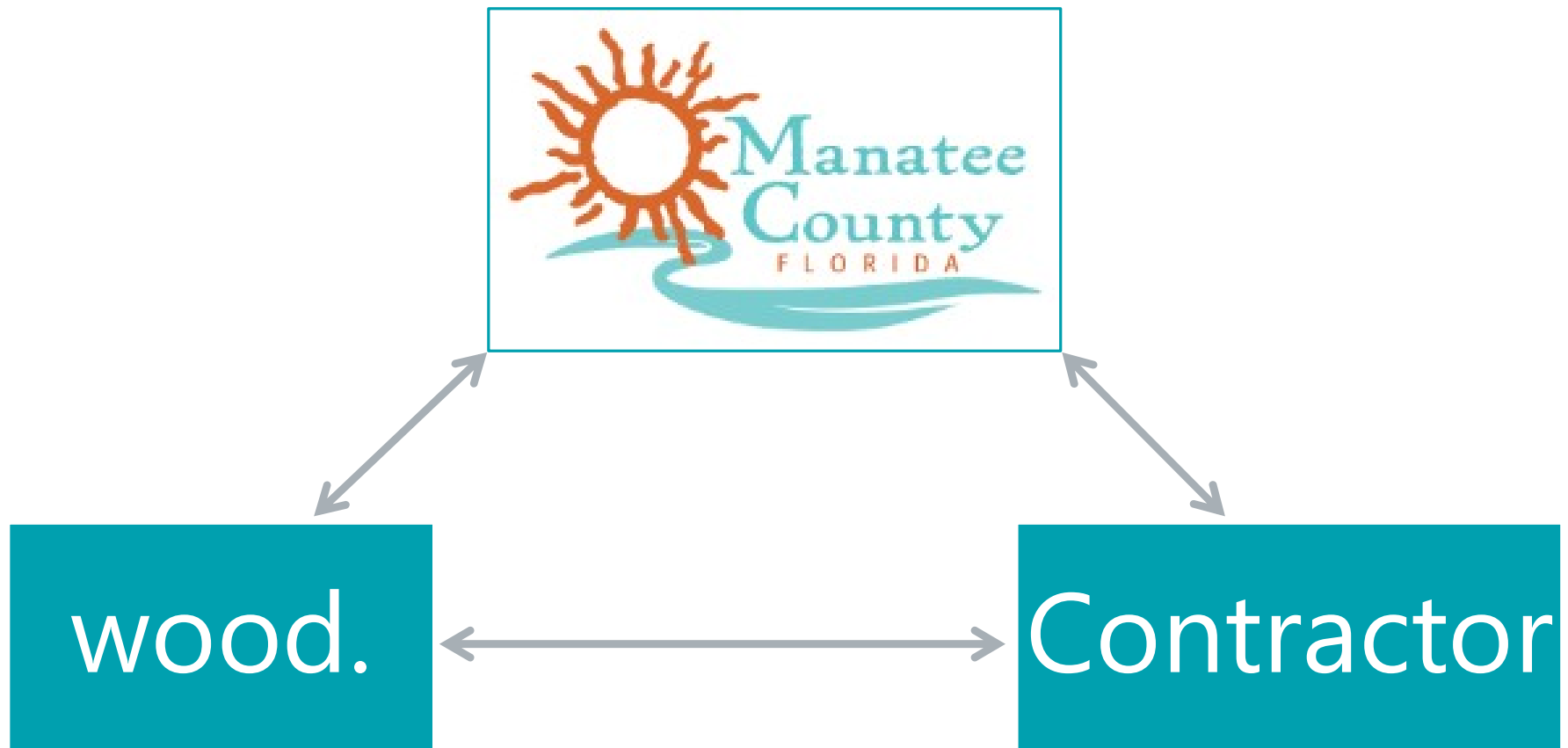
HIGH HAZARD DAM

"A dam in which failure or mis-operation is expected to result in loss of life and may also cause significant economic losses, including damages to downstream property or critical infrastructure, environmental damage, or disruption of lifeline facilities."

FEMA, April 2004



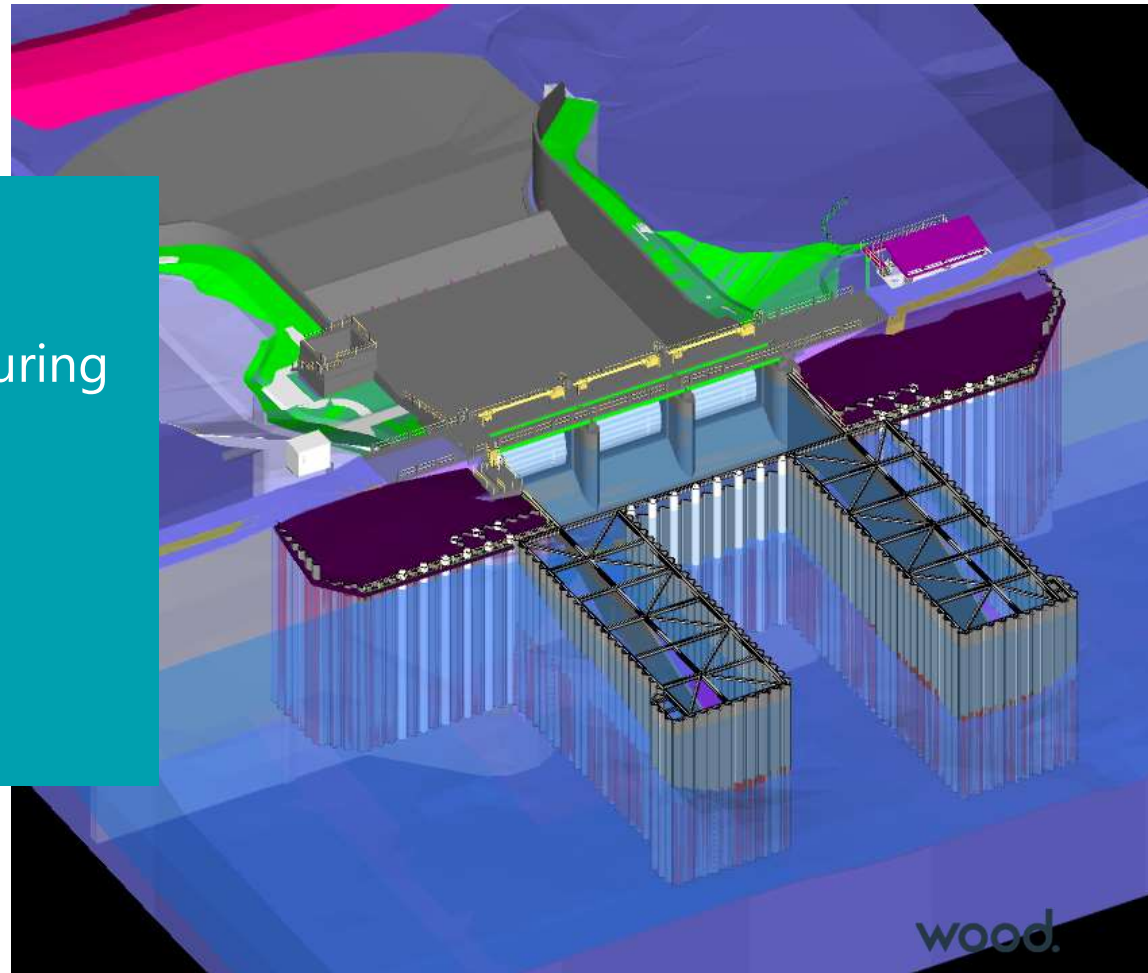
Dam Safety Team – November 2021 to June 2023



Contractor's Decisions Have Dam Safety Effects

EXAMPLES

- Sequencing of Tainter Gate Repairs During Hurricane Season
- Handling Tailwater During High Flows Through Emergency Spillway
- Flooding Cofferdam



Purpose of Work

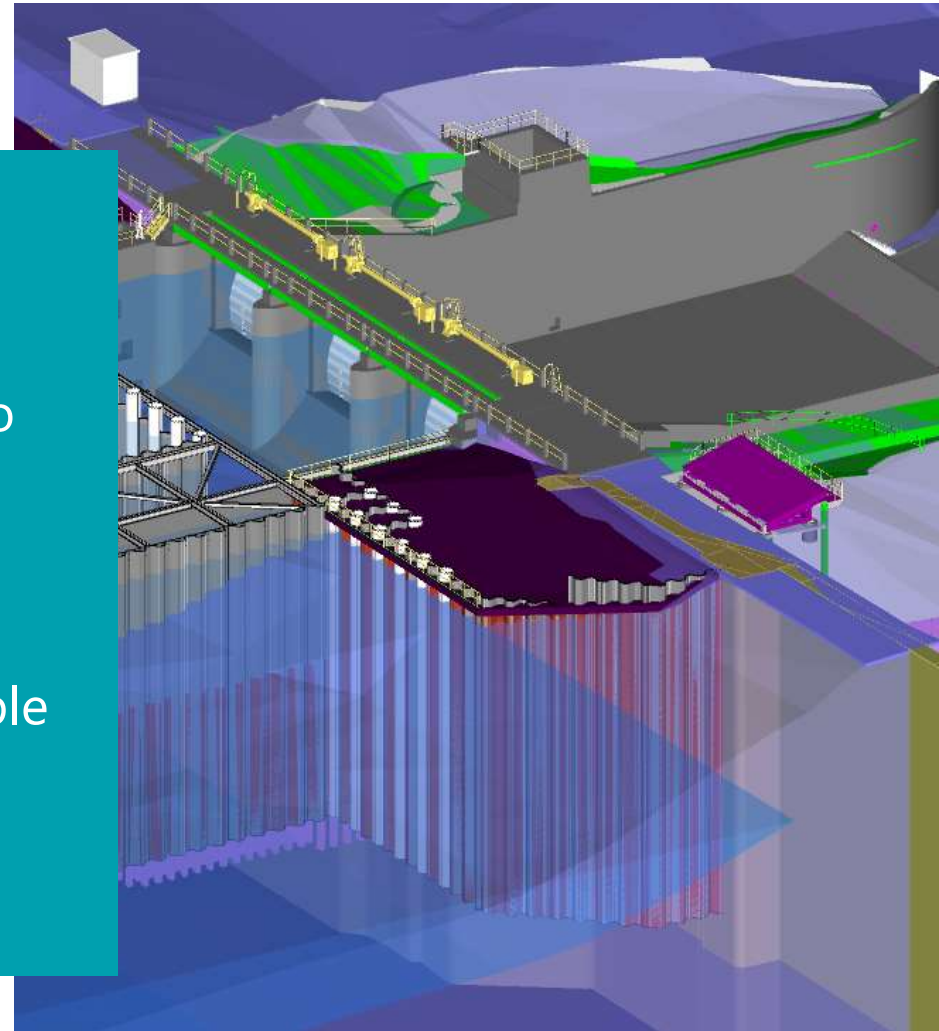
- Seepage Cutoff Around Entire Spillway
- Fill Voids
- Repair Approach Slab and Downstream Apron
- Repairs from 2011 Dewatering Attempt
- Miscellaneous Repairs and Upgrades

Phase II Non-Emergency Repairs

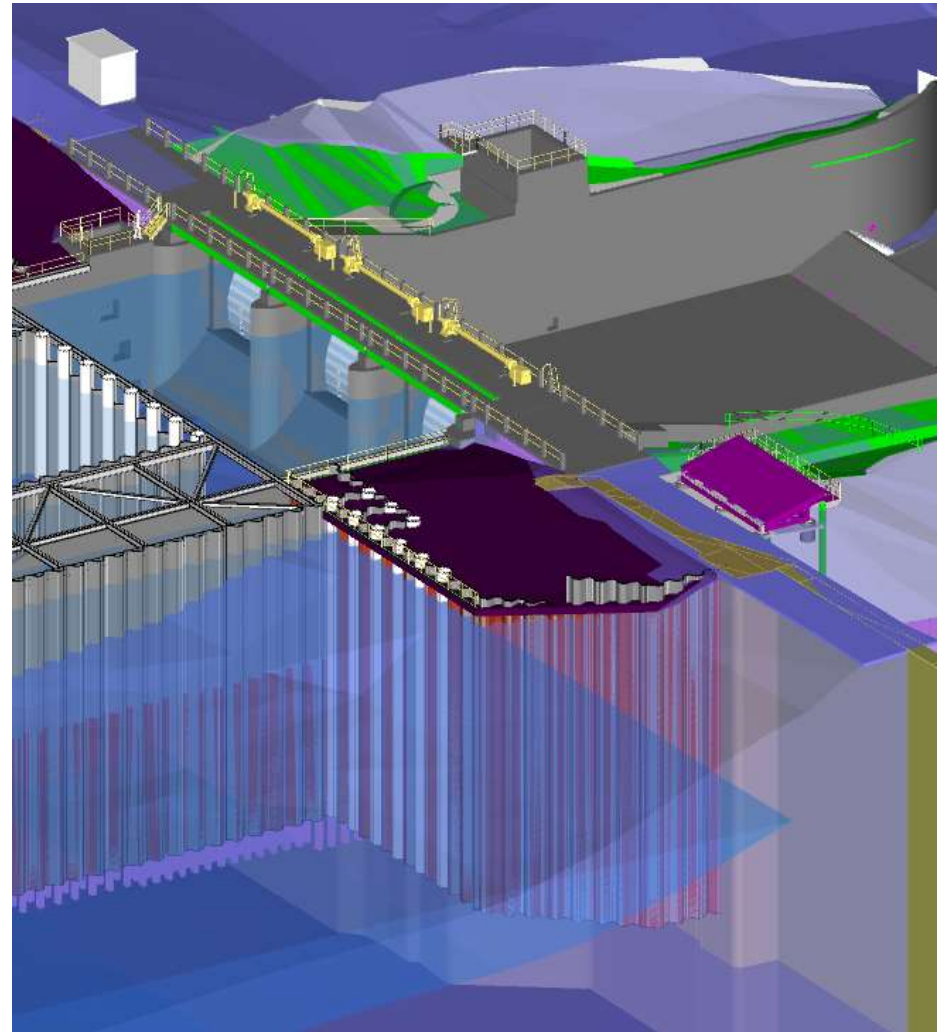
wood.

Scope of Work

- Encase Spillway with Seepage Barrier
- Void Filling
- Pressure Relief System
- Structural Slab to Span Loose Soil Adjacent to Spillway
- Approach Channel Repairs
- Stoplog Guide and Tainter Gate Rehab
- Upstream Soil Cement Refurbishment (Multiple Test Sections)
- Mechanical/Electrical Upgrades
- Miscellaneous Improvements



3-D Visualization Model



Contractor Qualifications

Safety

ISNET Certification

Previous Project Experience

- Tall Embankment Dams/Levees (4, 13)
- Spillway Gates (5)
- Barged Operations (6)
- Steel Sheet Pile and Pipe Pile Driving (7, 8)
- Braced Sheetpile Cofferdam (9)
- Jet Grouting and Deep Soil Mixing (10, 12)
- Sand/Polymer Void Filling (11)
- Upstream Surface Erosion Protection Systems (13)
- Emergency Shutdown Plans (Dam Safety - 14)



Contractor Qualifications

Integration with Dam Safety Program

14. Bidder, or Bidder's subcontractor, has provided emergency shutdown plans for hurricane, tropical storm, or heavy rainfall events involving over water or near water work for at least three (3) of the projects provided in items 4 thru 13 above in which each emergency shutdown plan demonstrated integration with the Owner's safety operations, and identified critical processes and decisions in preparation for, during, and immediately following these events.



Quality Control

Contractor Quality Manager

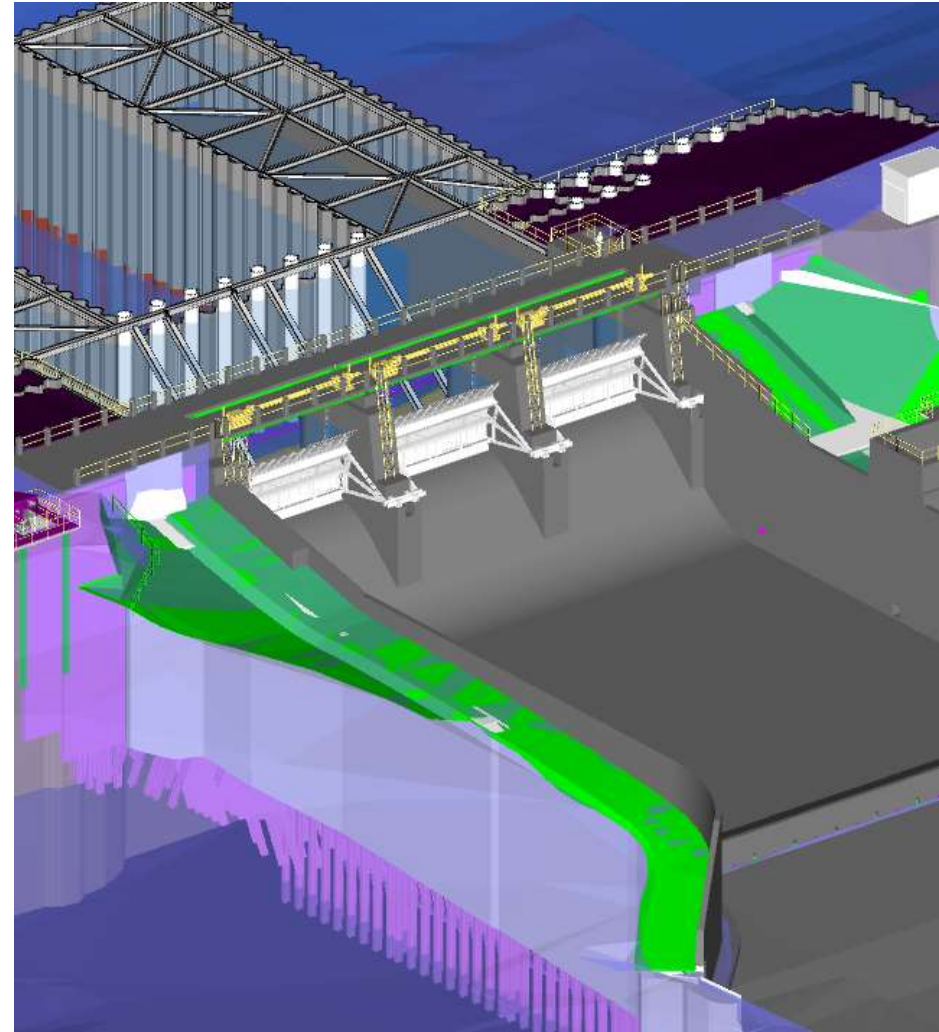
- Overall Responsibility for Quality
- Develop Quality Assurance Plan
- Third Part Testing
- Inspection and Test Plan
- Advance Notification for Witness and Hold Points



Schedule

- Bid Opening – Sept 29, 2021
- Notice to Proceed – October 2021
- Mobilization – November 2021
- Approximately 18-month construction schedule
- Substantial Completion – May 2023
- Final Completion – June 2023

Schedule provides for no more than 1 (one) hurricane season



Responsibilities During Construction

Contractor



- Safe Work Environment
- Manage Construction During Hurricane Season
- Quality Construction
- Communicate with Stakeholders

Manatee County



- Access to the project site
- Timely Payments

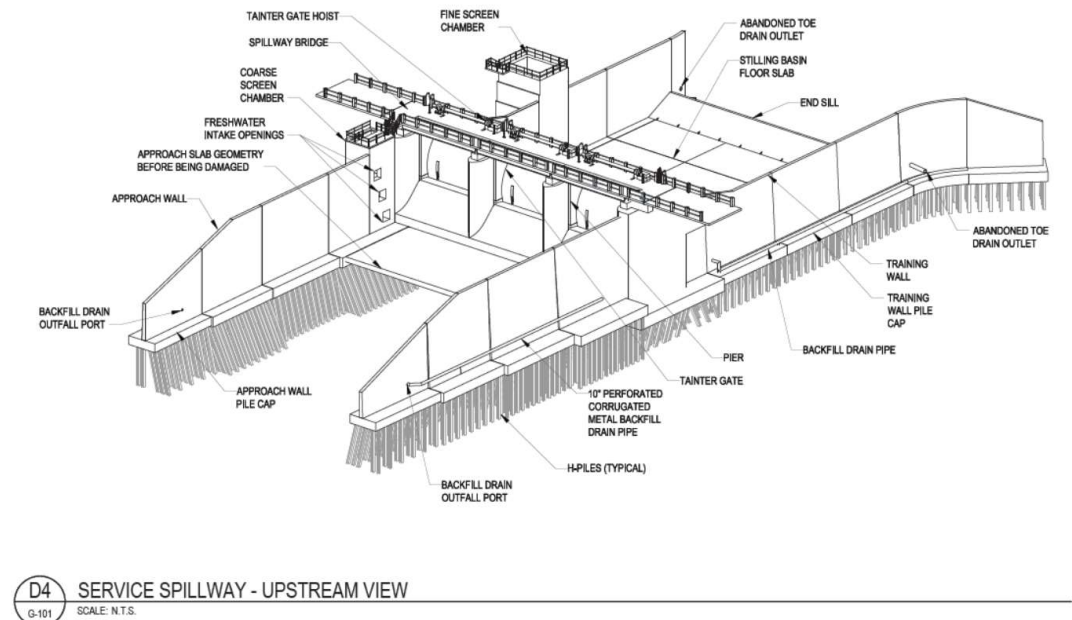
Wood



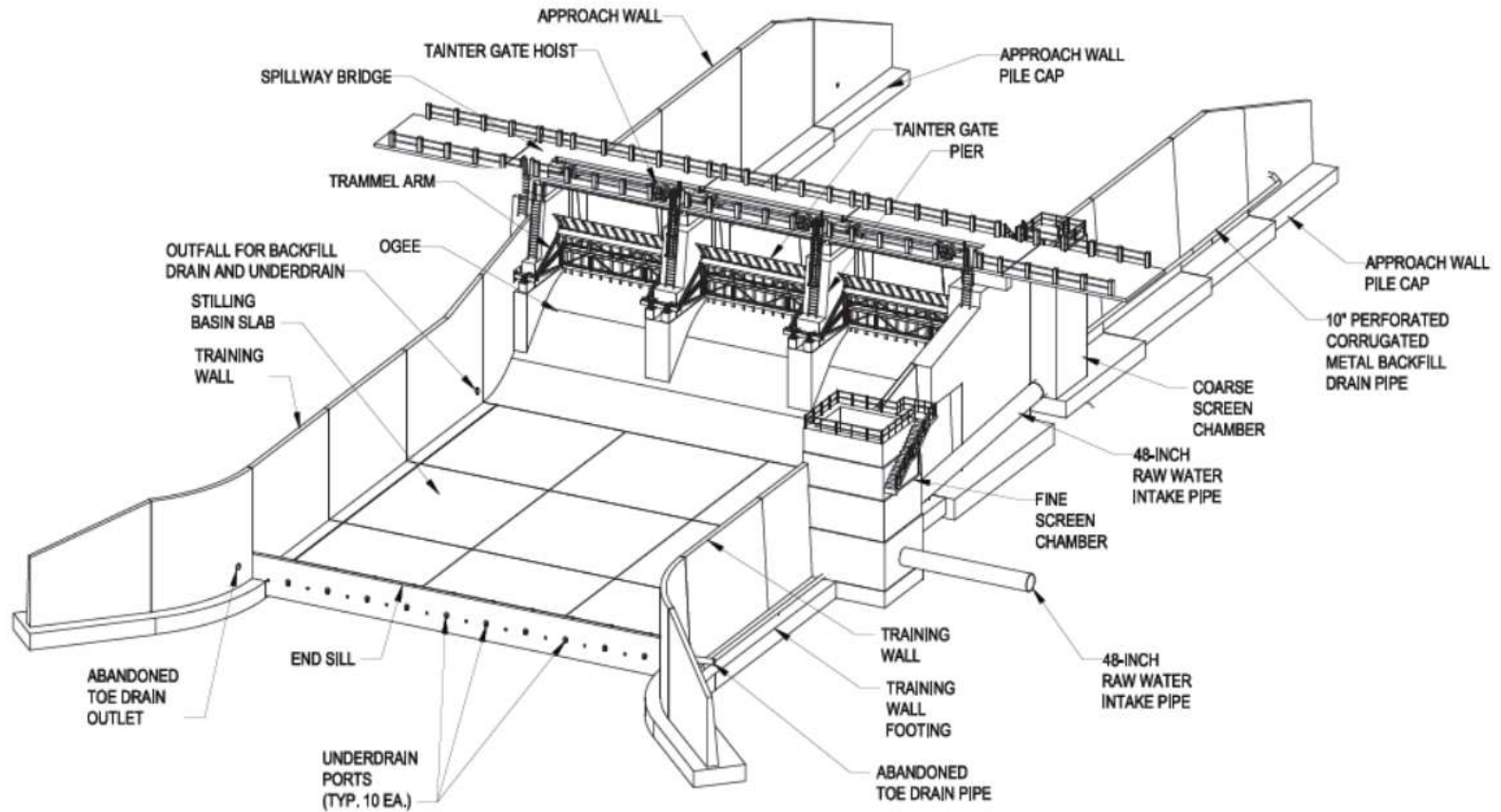
- Owner's Engineer / Site Representative
- Review Pay Requests
- Responsive RFI program
- Quality Assurance / Contractor Oversight

Owner Provided Information

- Proof of Concept Drawings and Specifications
- Historical Design and Construction Documents
- Geotechnical Reports and Inspection Documents
- CAD Design Files
- Navisworks 3D Model



Questions and Answers





Closing

wood.