



**Project Name** Choctaw Point Container Terminal – Phase V Dock Extension

**Location** Mobile, Alabama

**Project #** 11411

**Task #** 6

**March 4, 2026**

**ADDENDUM NO. 1**

Item	Description
<b>DIVISION I – BID DOCUMENTS</b>	
1	Schedule of Prices – Pages I-5 thru I-8 should be replaced with the attached revised pages which include the Schedule of Prices
2	Add the attached documents as Supplement 2: NMFS Protected Species Construction Conditions NMFS Vessel Strike Avoidance Measures
<b>DIVISION II – CONTRACT DOCUMENTS</b>	
No additions	
<b>DIVISION III – SPECIAL PROVISIONS</b>	
No additions	
<b>DIVISION IV – GENERAL PROVISIONS</b>	
No additions	
<b>DIVISION V – CONSTRUCTION SPECIFICATIONS</b>	
3	Replace existing Section 050000 Miscellaneous Metals with Revised Section 050000 Miscellaneous Metals (attached)
4	Paragraph 7.1, page V-189 should read as follows:  Boring logs from the site geotechnical investigation are included in the drawings and are provided as a reference to the CONTRACTOR. The subsurface and groundwater conditions shown are reported as observed during the sampling phase of the investigation. The soils information given is intended to provide an indication of the conditions that will be encountered but cannot be given as a guarantee.



# Alabama Port Authority



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Item	Description
	<b>NOTES</b>
5	Prebid Meeting Minutes (attached)
6	Prebid Meeting Attendance Sheet (attached)
7	Powerpoint presentation (attached)
8	Revised Drawings (attached) Dwg No. G2 Dwg No. G3 Drawing No. BG5
9	Contractor Questions



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Bidder accepts the provisions of the Contract Documents as to liquidated damages in the event of failure to complete the work on time.

The Bidder further agrees that, in case of failure on his part to execute the Contract and required bonds within ten (10) calendar days from the date written notice of award if mailed or otherwise delivered to the Bidder, the certified check or bid bond accompanying this bid and the monies payable thereon shall be paid into the funds of the Owner not as penalty, but as a liquidation of a reasonable portion of the damages incurred by the Owner due to the Bidder’s failure to execute the Contract. **Items not specifically noted in the schedule of prices shall be considered ancillary to the project and be absorbed in the bid items.**

**REVISED 3/4/26 – ADDENDUM 1**

**SCHEDULE OF PRICES**

ITEM	DESCRIPTION	APPROX. QUANTITY <b>(IN PLACE)</b>	UNIT PRICE	AMOUNT
1	Project Bonds & Insurance	Lump Sum	L.S.	
2	Mobilization	Lump Sum	L.S.	
<b>I. DEMOLITION</b>				
3	Removal of Barge Loader and Associated Conveyor C	Lump Sum	L.S.	
4	Removal of Required Bank RipRap and other obstructions	Lump Sum	L.S.	
5	Removal of AZ14 Sheetpile Wall	Lump Sum	L.S.	
6	Removal of Yard 4 Water Cannons Sluice Channels and Sump Pit	Lump Sum	L.S.	
7	Removal of McDuffie Designated Building Structures	Lump Sum	L.S.	
8	Removal of Substation Building	Lump Sum	L.S.	
9	Removal of Landside Conveyors, Stacker, <u>Portable Hoppers</u> and Foundations/ <u>Track System</u>	Lump Sum	L.S.	
<b>I. SUBTOTAL DEMOLITION</b>				
<b>II. DOCK CONSTRUCTION</b>				
10	Removal/Demolition Work	Lump Sum		
11	Furnish Combination Wall	2602 Tons	/Ton	



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ITEM	DESCRIPTION	APPROX. QUANTITY <u>(IN PLACE)</u>	UNIT PRICE	AMOUNT
11a	Installation of Combination Wall	1235 L.F.	/Ft.	
12	Furnish and Install One (1) - 30" Square Probe Pile	135 L.F.	/Ft.	
12a	Static Pile Load Test (30" square)	1 Test	/Test	
12b	Furnish Concrete Bearing Piles (30" Square)	17621 L.F.	/Ft.	
12c	Install Concrete Bearing Piles (30" square)	17621 L.F.	/Ft.	
13	Furnish and Install Seven (7) - 24" Square Probe Piles	889 L.F.	/Ft.	
13a	Static Pile Load Test (24" square)	1 Test	/Test	
13b	Furnish Concrete Bearing Piles (24" Square)	52704 L.F.	/Ft.	
13c	Install Concrete Bearing Piles (24" square)	52704 L.F.	/Ft.	
14	Furnish Concrete Batter Piles 6:12 (24" Square)	25594 L.F.	/Ft.	
14a	Install Concrete Batter Piles 6:12 (24" square)	25594 L.F.	/Ft.	
15	Furnish Concrete Batter Piles 5:12 (24" square)	2208 L.F.	/Ft.	
15a	Install Concrete Batter Piles 5:12 (24" square)	2208 L.F.	/Ft.	
16	Concrete Work			
16a	Landside Crane Rail Beam and Pile Cap	33754812 C.Y.	/CY	
16b	Waterside Crane Rail Beam	1077 C.Y.	/CY	
16c	Transverse Beams	3976 C.Y.	/CY	
16d	Deck	6421 C.Y.	/CY	
16e	Deck WS of WS Rail & Fender Haunch	27372858 C.Y.	/CY	
16f	Furnish Closure Wall 2	80 Tons	/Ton	
16g	Install Closure Wall 2	45 L.F.	/Ft.	
16h	Southern Closure Wall Cap	20 C.Y.	/CY	
16i	Furnish Closure Wall 3	230 Tons	/Ton	
16j	Install Closure Wall 3	125 L.F.	/Ft.	



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ITEM	DESCRIPTION	APPROX. QUANTITY (IN PLACE)	UNIT PRICE	AMOUNT
16k	Area Paving North Dock Tie In	213295 C.Y.	/CY	
17	Crane Rail System	2600 L.F.	/Ft.	
18	Fender System	32 Systems	/System	
19	Bollards (90 Ton)	16 Bollards	/Bollard	
20	Bollards (225 Ton)	5 Bollards	/Bollard	
21	Timber Curb	1300 L.F.	/Ft.	
22	Water System	Lump Sum		
23	Cable Protection System	Lump Sum		
24	Pavement Markings	Lump Sum		
25	Drain Line Penetrations and Pipes (3) 42" Drain Pipe as noted on Drawings	Lump Sum		
<b>II. SUBTOTAL DOCK CONSTRUCTION</b>				
<b>III. BACKLAND TRANSIT AREA</b>				
26	<b>EARTHWORK</b>			
26a	Excavation	10000 C.Y.	/CY	
26b	Fill	7500 C.Y.	/CY	
27	Crushed Aggregate Base	3012 C.Y.	/CY	
28	Concrete Paving	5245 C.Y.	/CY	
29	Fencing	1690 LF	/LF	
30	<b>Yard 4 Revised Drainage</b>			
30a	Coal Removal	30000 C.Y.	CY	
30b	Select Fill	37000 C.Y.	CY	
30c	Grading	Lump Sum		
30d	Equipment Removal	Lump Sum		
30e	Pipe Plugging	Lump Sum		
30f	Large Drainage Box	1 EA	EA	
30g	42" Drainage Pipe	60 LF	LF	
30h	42" Drain Line Penetration	Lump Sum		
30i	Dock 3 Inlet and Drain Line Extension	Lump Sum		
<b>III. SUBTOTAL BACKLAND TRANSIT AREA</b>				
<b>IV. ELECTRICAL DISTRIBUTION BASE</b>				
31	<b>Main Switchgear</b>			
31a	30MVA, 22.9kVA Main Switchgear	2 EA	EA	



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ITEM	DESCRIPTION	APPROX. QUANTITY <u>(IN PLACE)</u>	UNIT PRICE	AMOUNT
31b	Crane Substation C3	1 EA	EA	
31c	Crane Substation C4	1 EA	EA	
31d	Main Switchgear Concrete Foundations	260 CY	CY	
31e	Main Switchgear Fencing	360 LF	LF	
32	<b>Trayer Switch Area</b>			
32a	13.2kV Trayer Switches <u>and pull boxes</u>	4_2 EA	EA	
32b	Concrete Foundations	65 CY	CY	
32c	Fencing with Gates	280 LF	LF	
32d	Permanent Ductbank (Main Switchgear to Trayer Switch Area)	1800 LF	LF	
32e	Temporary Ductbank (Trayer Switch Area to Main Switchgear)	1200 LF	LF	
32f	Electrical Conductors and Grounding	Lump Sum		
32g	Temporary Perimeter Lighting Conduit	1200 LF	LF	
32h	Electrical Manholes	9 EA	EA	
32i	Communication Manholes	6 EA	EA	
32j	Crane Manholes	4 EA	EA	
32k	Crane Ductbanks	1700 LF	LF	
32l	<del>30015</del> KVA, 13.2 KV-480/277V Transformer	1 EA	EA	
32m	15 KV- <del>600</del> 100A Fused Safety Disconnect <u>with 20 amp fuses</u>	1 EA	EA	
32n	Distribution Panel w/ Main Breaker	1 EA	EA	
32o	Temporary Lightpoles	7 EA	EA	
IV. SUBTOTAL ELECTRICAL DISTRIBUTION - BASE				
33	All Remaining Items Necessary for a complete job installation	Lump Sum		
34	Demobilization	Lump Sum		
<b>TOTAL BASE ESTIMATED COST</b>				

- Quantities listed in the Schedule of Prices are approximate quantities intended to give the Contractor an order of magnitude of the work involved. The Contractor shall be responsible for determining the actual quantities required and accounting for them in the Bid Prices and notifying the Engineer of any discrepancies.



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Unit Prices for Additional Items if Required:

	<u>Without Driving</u>	<u>With Driving</u>
A) 24" Concrete Pile Buildups	\$ ____/Ft.	\$ ____/Ft.
B) 30" Concrete Pile Buildups	\$ ____/Ft.	\$ ____/Ft.

I, the undersigned bidder, hereby acknowledge receipt of the following addenda:

ADDENDUM NO. \_\_\_\_\_

ADDENDUM NO. \_\_\_\_\_

ADDENDUM NO. \_\_\_\_\_

**Contractor's Signature:**

**Contractor**

**Company** \_\_\_\_\_

\_\_\_\_\_  
**Name**

\_\_\_\_\_  
**Title**

\_\_\_\_\_  
**Date**



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# SUPPLEMENT 2



## **PROTECTED SPECIES CONSTRUCTION CONDITIONS, NOAA FISHERIES SOUTHWEST REGIONAL OFFICE**

The action agency and any permittee shall comply with the following construction conditions for protected species under the jurisdiction of NOAA Fisheries Southwest Regional Office (SERO) Protected Resources Division (PRD):<sup>1</sup>

**Protected Species Sightings**—The action agency and any permittee shall ensure that all personnel associated with the project are instructed about the potential presence of species protected under the Endangered Species Act (ESA) and the Marine Mammal Protection Act (MMPA). All on-site project personnel are responsible for observing water-related activities for the presence of protected species. All personnel shall be advised that there are civil and criminal penalties for harming, harassing, or killing listed species and all marine mammals. To determine which protected species and critical habitat may be found in the transit area, please review the relevant [marine mammal](https://www.fisheries.noaa.gov/find-species) and [ESA-listed species](https://www.fisheries.noaa.gov/find-species) at Find A Species (<https://www.fisheries.noaa.gov/find-species>) and the consultation documents that have been completed for the project.

1. **Equipment**—Turbidity curtains, if used, shall be made of material in which protected species cannot become entangled and be regularly monitored to avoid protected species entrapment. All turbidity curtains and other in-water equipment shall be properly secured with materials that reduce the risk of protected species entanglement and entrapment.
  - a. In-water lines (rope, chain, and cable, including the lines to secure turbidity curtains) shall be stiff, taut, and non-looping. Examples of such lines are heavy metal chains or heavy cables that do not readily loop and tangle. Flexible in-water lines, such as nylon rope or any lines that could loop or tangle, shall be enclosed in a plastic or rubber sleeve/tube to add rigidity and prevent the line from looping and tangling. In all instances, no excess line shall be allowed in the water. All anchoring shall be in areas free from hardbottom and seagrass.
  - b. Turbidity curtains and other in-water equipment shall be placed in a manner that does not entrap protected species within the project area and minimizes the extent and duration of their exclusion from the project area.
  - c. Turbidity barriers shall be positioned in a way that minimizes the extent and duration of protected species exclusion from important habitat (e.g. critical habitat, hardbottom, seagrass) in the project area.
2. **Operations**—For construction work that is generally stationary (e.g., barge-mounted equipment dredging a berth or section of river, or shore-based equipment extending into the water):
  - a. Operations of moving equipment shall cease if a protected species is observed within 150 feet of operations.

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<sup>1</sup> Manatees are managed under the jurisdiction of the U.S. Fish and Wildlife Service.

- b. Activities shall not resume until the protected species has departed the project area of its own volition (e.g., species was observed departing or 20 minutes have passed since the animal was last seen in the area).
3. **Vessels**—For projects requiring vessels, the action agency, and any permittee shall ensure conditions in the [Vessel Strike Avoidance Measures](#) are implemented as part of the project/permit issuance (<https://www.fisheries.noaa.gov/southeast/consultations/regulations-policies-and-guidance>).
4. **Consultation Reporting Requirements**—Any interaction with a protected species shall be reported immediately to NOAA Fisheries SERO PRD and the local authorized stranding/rescue organization.

To report to NOAA Fisheries SERO PRD, send an email to [takereport.nmfsser@noaa.gov](mailto:takereport.nmfsser@noaa.gov). Please include the species involved, the circumstances of the interaction, the fate and disposition of the species involved, photos (if available), and contact information for the person who can provide additional details if requested. Please include the project's Environmental Consultation Organizer (ECO) number and project title in the subject line of email reports.

To report the interaction to the local stranding/rescue organization, please see the following website for the most up to date information for reporting sick, injured, or dead protected species:

**Reporting Violations**—To report an ESA or MMPA violation, call the NOAA Fisheries Enforcement Hotline. This hotline is available 24 hours a day, 7 days week for anyone in the United States.

NOAA Fisheries Enforcement Hotline      (800) 853-1964

5. **Additional Conditions**—Any special construction conditions, required of your specific project, outside these general conditions, if applicable, will be addressed in the project consultation and must also be complied with.

**For additional information, please contact NOAA Fisheries SERO PRD at:**

NOAA Fisheries Service  
Southeast Regional Office  
263 13<sup>th</sup> Avenue South  
St. Petersburg, Florida 33701  
Tel: (727) 824-5312

Visit us on the web at [Protected Marine Life in the Southeast](#)  
(<https://www.fisheries.noaa.gov/region/southeast#protected-marine-life>)

Revised: May 2021



## **VESSEL STRIKE AVOIDANCE MEASURES, NOAA FISHERIES SOUTHWEST REGIONAL OFFICE**

### **Background**

Vessel strikes can injure or kill species protected under the Endangered Species Act (ESA) and the Marine Mammal Protection Act (MMPA). NOAA Fisheries Southwest Regional Office (SERO) Protected Resources Division (PRD) recommends implementing the following identification and avoidance measures to reduce the risk of vessel strikes and disturbance from vessels to protected species under our jurisdiction.<sup>1</sup>

### **Protected Species Sightings**

All vessel operators and crews should be informed about the potential presence of species protected under the ESA and the MMPA and any critical habitat in a vessel transit area. All vessels should have personnel onboard responsible for observing for the presence of protected species. All personnel should be advised that there are civil and criminal penalties for harming, harassing, or killing listed species and all marine mammals. To determine which protected species and critical habitat may be found in the transit area, please review the relevant [marine mammal](#) and [ESA-listed species](#) at Find A Species (<https://www.fisheries.noaa.gov/find-species>) and any ESA Section 7 consultation documents if applicable.

### **Vessel Strike Avoidance**

The following measures should be taken when they are consistent with safe navigation to avoid causing injury or death of a protected species:

1. Operate at the minimum safe speed when transiting and maintain a vigilant watch for protected species to avoid striking them. Even with a vigilant watch, most marine protected species are extremely difficult to see from a boat or ship, and you cannot rely on detecting them visually and then taking evasive action. The most effective way to avoid vessel strikes is to travel at a slow, safe speed. Whenever possible, assign a designated individual to observe for protected species and limit vessel operation to only daylight hours.
2. Follow deep-water routes (e.g., marked channels) whenever possible.
3. Operate at “Idle/No Wake” speeds in the following circumstances:
  - a. while in any project construction areas
  - b. while in water depths where the draft of the vessel provides less than four feet of clearance from the bottom, or
  - c. in all depths after a protected species has been observed in and has recently departed the area.

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<sup>1</sup> Manatees are managed under the jurisdiction of the U.S. Fish and Wildlife Service.

4. When a protected species is sighted, attempt to maintain a distance of 150 feet or greater between the animal and the vessel. Reduce speed and avoid abrupt changes in direction until the animal(s) has left the area.
5. When dolphins are bow- or wake-riding, maintain course and speed as long as it is safe to do so or until the animal(s) leave the vicinity of the vessel.
6. If a whale is sighted in the vessel's path or within 300 feet from the vessel, reduce speed and shift the engine to neutral. Do not engage the engines until the animals are clear of the area. *Please see below for additional requirements for North Atlantic right whales.*
7. If a whale is sighted farther than 300 feet from the vessel, maintain a distance of 300 feet or greater between the whale and the vessel and reduce speed to 10 knots or less. *Please see below for additional requirements for North Atlantic right whales.*

### **Injured or Dead Protected Species Reporting**

Vessel crews should report sightings of any injured or dead protected species immediately regardless of whether the injury or death is caused by your vessel. Please see [How to Report a Stranded or Injured Marine Animal](https://www.fisheries.noaa.gov/report) (<https://www.fisheries.noaa.gov/report>) for the most up to date information for reporting injured or dead protected species.

If the injury or death is caused by your vessel, also report the interaction to NOAA Fisheries SERO PRD at [takereport.nmfsser@noaa.gov](mailto:takereport.nmfsser@noaa.gov). Please include the species involved, the circumstances of the interaction, the fate and disposition of the animal involved, photos (if available), and contact information for the person who can provide additional details if requested. Please include the project's Environmental Consultation Organizer (ECO) number and project title in the subject line of email reports if a consultation has been completed.

### **Reporting Violations**

To report any suspected ESA or MMPA violation, call the NOAA Fisheries Enforcement Hotline. This hotline is available 24 hours a day, 7 days week for anyone in the United States.

NOAA Fisheries Enforcement Hotline: (800) 853-1964

### **Additional Transit and Reporting Requirements for North Atlantic Right Whales**

1. Federal regulation prohibits approaching or remaining within 500 yards of a North Atlantic right whale (50 CFR 224.103 (c)). All whales sighted within North Atlantic right whale critical habitat should be assumed to be right whales. Please be aware and follow restrictions for all Seasonal Management Areas along the U.S. east coast. These areas have vessel speed restrictions to reduce vessel strikes risks to migrating or feeding whales. More information can be found at [Reducing Vessel Strikes to North Atlantic Right Whales](https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-vessel-strikes-north-atlantic-right-whales) (<https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-vessel-strikes-north-atlantic-right-whales>).
2. Ships greater than 300 gross tons entering the WHALESOUTH reporting area are required to report to a shore-based station. For more information on reporting procedures consult 33 CFR Part 169, the Coast Pilot, or at [Reducing Vessel Strikes to North Atlantic](https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-vessel-strikes-north-atlantic-right-whales)

[Right Whales](https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-vessel-strikes-north-atlantic-right-whales) (<https://www.fisheries.noaa.gov/national/endangered-species-conservation/reducing-vessel-strikes-north-atlantic-right-whales>).

3. From November through April, vessels approaching/departing Florida ports of Jacksonville and Fernandina Beach as well as Brunswick Harbor, Georgia are **STRONGLY RECOMMENDED** to use Two-Way Routes displayed on nautical charts. More information on [Compliance with the Right Whale Ship Strike Reduction Rule](#) can be found at ([https://media.fisheries.noaa.gov/2021-06/compliance\\_guide\\_for\\_right\\_whale\\_ship\\_strike\\_reduction.pdf](https://media.fisheries.noaa.gov/2021-06/compliance_guide_for_right_whale_ship_strike_reduction.pdf))
4. Mariners shall check with various communication media for general information regarding avoiding vessel strikes and specific information regarding North Atlantic right whale sighting locations. These include NOAA weather radio, U.S. Coast Guard Broadcast to Mariners, Local Notice to Mariners, and NAVTEX. Commercial mariners calling on United States ports should view the most recent version of the NOAA/USCG produced training CD entitled “A Prudent Mariner’s Guide to Right Whale Protection” (contact the NOAA Fisheries SERO, Protected Resources Division for more information regarding the CD).
5. Injured, dead, or entangled right whales should be immediately reported to the U.S. Coast Guard via VHF Channel 16 and the NOAA Fisheries Southeast Marine Mammal Stranding Hotline at (877) WHALE HELP (877-942-5343).

**For additional information, please contact NOAA Fisheries SERO PRD at:**

NOAA Fisheries Service

Southeast Regional Office

263 13<sup>th</sup> Avenue South

St. Petersburg, Florida 33701

Visit us on the web at [Protected Marine Life in the Southeast](#)

(<https://www.fisheries.noaa.gov/region/southeast#protected-marine-life>)

Revised: May 2021



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## **DIVISION 05 – METALS**

### **SECTION 050000 – MISCELLANEOUS METALS**

#### **PART 1 – GENERAL**

##### **1.0 SCOPE OF WORK**

1.1 This section covers the miscellaneous work required that is not specified elsewhere.

##### **2.0 CONTRACTOR FURNISHED ITEMS**

2.1 The CONTRACTOR shall furnish and install, but not limited to the following miscellaneous items:

2.2 Frames and covers for water stations and electrical vaults.

2.3 Edge protection and metal deck support embedded angles.

2.4 Pipe sleeves for mooring bitts, crane rail drainage, water and electrical stations.

2.5 Anchor bolts, washers and nuts for traffic guardrails and pipe bollards.

2.6 Mooring bollards, anchor bolts and washers.

2.7 Inserts for handrails and handrails.

2.8 Threaded inserts for timber curb and mooring bitts.

2.9 Cable protection system for crane power cables.

##### **3.0 MATERIALS**

###### **3.1 Structural Steel**

3.1.1 Steel for edge protection angles, metal deck support angles, crane tie downs, recess frames, guardrails, and crane bumpers shall conform to ASTM A36.

3.1.2 Steel for traffic guardrail posts and crane tie-down assemblies shall conform to ASTM A572, Grade 50.



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- 3.2 Steel Pipe. Steel pipe for the guardrail railings and pipe bollards shall confirm to ASTM A53, Grade B.
  - 3.3 PVC Pipe. PVC pipe for sleeves shall be standard Schedule 40 ASTM D2665 waste drain pipe.
  - 3.4 Anchor Bolt Assemblies for Mooring Bollards. Anchor bolt assemblies for mooring bollards, including anchor bolts, anchor plates, washers and nuts shall be designed and supplied by the manufacturer of the marine bollards. All components shall be hot-dip galvanized.
  - 3.5 Anchor Bolt Assemblies for Crane Rail System. Anchor bolt assemblies for crane rail system, including anchor bolts, anchor plates, washers and nuts shall be designed and supplied by the crane rail system supplier. Anchor bolts shall be set accurately in accordance with the approved shop drawings and shall be secured in place prior to placing concrete.
  - 3.6 Anchor Bolt Materials for Traffic Guardrail System and Pipe Bollards. Anchor bolts for the traffic guardrail system and pipe bollards shall be in accordance with ASTM F1554, Grade 55. Nuts and washers shall be Heavy Hex, ASTM A563, Grade A and ASTM F436, respectively. All components shall be hot-dip galvanized.
  - 3.7 Threaded Inserts. Threaded inserts for the timber curb shall be fabricated from internally threaded 304 stainless steel sleeve attached to A36 base plate by welding as detailed on the drawings. A commercial insert with comparable corrosion resistance may be submitted for possible approval.
  - 3.8 Malleable Iron Washers. Malleable iron washers for the timber curb shall be a commercial grade washer approved by the Engineer and shall be hot-dip galvanized in accordance with ASTM A153, Class B-1 coating.
  - 3.9 Bolts. Bolts for the timber curb shall be galvanized and conform to ASTM A307.
- 4.0 SHOP DRAWINGS
- 4.1 Shop drawings or catalog cuts of all items furnished by this section shall be submitted to the ENGINEER for approval prior to fabrication.



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5.0 GALVANIZING

5.1 All carbon steel items specified in this section shall be hot-dip galvanized after fabrication in accordance with ASTM A123; ASTM A153; Class B-1; ASTM A386, Class B-1, as applicable.

6.0 PAINTING OF GALVANIZED SURFACES

6.1 Traffic guardrail components and pipe bollards shall be hot dip galvanized after fabrication. Following completion of galvanizing, the components shall be shop painted as described below.

6.2 Materials.

6.2.1 Two coats of the following Sherwin Williams product, or engineer approved equal, shall be used. Color shall be safety yellow.

- a. MACROPOXY 646 FAST CURE EPOXY 5 mil DFT per coat (B58-600/B58V600)

6.3 Surface Preparation.

6.3.1 Clean free of oil and surface contaminants with a non-petroleum-based solvent.

6.3.2 Apply a coat of etching solvent

7.0 FABRICATED STEEL ITEMS

7.1 Fabricated steel items shall be in accordance with the details shown on the drawings. Welds in all items shall be ground smooth where exposed in the finished construction. All items shall be hot-dip galvanized as specified herein. Installation shall be in accordance with the drawings and/or approved shop drawings. Where embedded in concrete, the items shall be accurately positioned and maintained in such position during placing of concrete. Recess covers shall be secured with bronze flathead screws and the 316 stainless steel threaded lugs as indicated.

8.0 MOORING BOLLARDS

8.1 Material. Mooring bitts shall be cast steel conforming to ASTM A27, Grade 65-35.



**Alabama Port Authority**  
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8.2 Castings. Deviations from the dimensions and the thickness of castings as shown on the drawing will not be permitted to exceed such amounts as will impair by more than 10 percent the strength of the castings as computed from the dimension shown. Dimensions of casting shown on approved shop drawing shall be finished dimensions. Warped or otherwise distorted castings will be rejected. The structure of the metal in the castings shall be homogeneous and free from excessive nonmetallic inclusions. Excessive segregation of impurities or alloys at critical points in a casting will be caused for its rejection. Minor surface imperfections not affecting the strength of casting may be repaired by welding in the "green". Surface imperfections shall be considered minor when the depth of the cavity prepared for welding is not greater than 20 percent of the actual wall thickness, but in no case greater than 1/2 inch. Defects other than minor surface imperfections will not be acceptable. Workmanship shall be of the highest grade in accordance with the best modern practices to conform to the specifications for the item of work being furnished. Shop drawings of the castings are required.

8.3 Installation. The Contractor shall install the mooring bitts, grout with non-shrink grout and secure with anchor bolts. After securing the anchor bolt nuts, the recess around the nuts shall be filled with a marine silicone sealant (Sikaflex-ZCSL or equal). Mooring bitts shall also be filled with concrete after setting. After installation, the Contractor shall clean the mooring bitts of all rust, oil, grease, and other foreign matter by approved means and the bitts given one coat of primer paint as approved by the Engineer and two coats of Analkyd enamel, Rustaloy enamel as manufactured by Southern Coating or an approved equal. Color will be safety yellow.

9.0 PVC SLEEVES

9.1 PVC sleeves shall be accurately set where shown on the drawings. PVC sleeves shall be positioned and secured against any movement during concrete placement.

10.0 UTILITY VAULT FRAMES AND LIDS

10.1 Provide a normal duty type casting meeting ASTM A48, Class 35B gray iron. Casting shall be manufactured true to pattern; component parts shall fit together in a satisfactory manner. Frames shall be cast gray iron with bent steel bars or headed anchors welded to frame for anchoring to concrete. Miter and weld all corners. Butt joint straight runs. Coat as indicated on the drawings.



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11.0 MEASUREMENT AND PAYMENT

11.1 Measurement and payment for the work covered under this section will be made in accordance with the applicable Schedule of Prices.

END OF SECTION

## 11411Choctaw Point Container Terminal – Phase V Dock Extension

### Pre-Bid Meeting Minutes

Brandon Taylor, Alabama Port Authority (APA), opened the pre-bid meeting with an introduction and confirmed that a site visit would follow the meeting. Mr. Taylor stated that questions and answers are not binding until they are captured in an addendum.

Stan Gottlieb, APTIM Port Services, then gave a brief introduction. Following the introduction, Mr. Gottlieb along with Graham Forsythe, APTIM Port Services, made a presentation covering the major points of the project. Topics presented included:

- General
  - Site location
  - McDuffie Terminal main entrance location
  - Overall site access – APM (Container Facility) usually operates between 6am and 5pm with occasional weekend shifts
  - All workers, including delivery vehicles, will require a TWIC, APA Port Badge, and APA Vehicle Decal to access the site
- Existing Conditions
  - The site was previously a coal import and storage facility
  - Key components
    - Existing conveyance system
    - Existing dock
    - Existing buildings
- Demolition – below items require either full or partial demolition as specified in the drawings
  - Conveyor and barge loading facility
  - Buildings
  - Drainage facilities and yard water cannons
  - North Electrical Building
  - Structures, walls, and riprap along existing shoreline
- Proposed Construction
  - Dock – Plan, Typical Section presented
  - Backlands – Plan, Typical Section presented
  - Electrical – Plan view presented

Following the presentation, the team made a few final points. Mr. Gottlieb stated that the site will be available to the Contractor 24 hours per day. Mr. Gottlieb also emphasized the

environmental requirements of the project and the ADEM demolition forms that are required to be submitted to ADEM prior to commencement of work. Mr. Taylor spoke about the sequencing of the construction. The building demolition will be required to start after construction is completed on new buildings (performed by others) and McDuffie personnel are relocated to the new buildings.

The meeting was opened to questions followed by a site visit. Questions are as follows:

1. There appears to be additional existing sheet pile walls that need removal beyond what is shown on sheets D14 & D16. Are those walls to be removed as well? Yes. There are additional sheet pile walls that are shown within the reference drawings. All structures that conflict with the construction of the new dock structure are to be removed by the Contractor and should be included within the bid price.
2. The wall shown on D16 appears to be under water. Is this wall to be removed as part of the contract? All existing structures that conflict with the construction of the new dock structure are to be removed by the Contractor and should be included within the bid price.
3. Is the coal that is to be removed from the site hazardous? No. APA will provide a letter stating that the coal is not hazardous.
4. Are debris and trash that is comingled with the riprap along the shoreline to be removed prior to hauling the riprap to the specified location? Yes, trash and any debris should be removed prior to hauling.
5. How much of the existing APM dock is going to be available to the Contractor? The Contractor will be able to utilize the south 100' of the dock area and will be required to place a temporary fence at this location.
6. What is the purpose of the static load test in regards to the production piles? May production piles be ordered prior to the completion of the static load test? The static load test is to verify the pile capacity. The production piles may not be ordered prior to the verification of the pile capacity by specified load tests.
7. Is dredging included as part of the contract? No
8. For future site visits, contact Brandon Taylor of APA.



**Alabama State Port Authority  
Pre-Bid Meeting Attendance Sheet**

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**Date:** 03.02.2026

**Project #** 11411 **Task#** 6

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
GARNEY CONSTRUCTION	1772 N. SAM HOUSTON PARKWAY NORTH		HOUSTON, TX 77043
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
KESHAY VASUDEVAN	KESHAY.VASUDEVAN@GARNEY.COM	713-598-5778	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
RUSSELL MARINE LLC	16740 EAST FREEMAN		CHANNELVIEW TX 77339
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
RYAN BAKER	RYAN.BAKER@RUSSELLMARINE.COM	936 520 2738	813-215-1842
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Total Wrecking	PO Box 326	Buffalo	
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Bill Bianchi	bbianchi@totalwrecking.com	3155751969	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Total Wrecking	PO Box 326	Buffalo, NY	14231
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Dawn Burgess	TWFBids@totalwrecking.com	770-374-0098	716-692-2002
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	



**Alabama State Port Authority**  
**Pre-Bid Meeting Attendance Sheet**

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<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
RAGNAR BEVSON	833 FEATHERSTONE		ROCKFORD IL 61107
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
RICK BATES	RBATES@MASTER.COM	815-978-4926	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	
<i>Rick Bates</i>			

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
The Dutra Group	2990 Kerner Blvd.		San Rafael CA 94901
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Anthony Germain	agermain@dutragroup.com	415-717-7244	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	
<i>Anthony Germain</i>			

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Gainey's Precast			
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Mason McNeely	mason@gaineysconcrete.com	985-630-9373	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	
<i>Mason McNeely</i>			

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
VIRGINIA WRECKING CO.	PO Box 2130		
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
KYLE MADDOX	OFFICE@VIRGINIAWRECKING.COM		
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	
<i>Kyle Maddox</i>			



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Contractor (Business) Name <i>Frank Leatherwood</i>		Address 1		Address 2		City, State Zip	
Contact Name <i>Thompson Engineering</i>		e-mail address <i>f.leatherwood@thompsonengineering.com</i>		Signature <i>[Signature]</i>		Telephone <i>251-227-8534</i>	
Signature <i>[Signature]</i>		Signature		Signature		Signature	

Contractor (Business) Name <i>JD Fields</i>		Address 1		Address 2		City, State Zip	
Contact Name <i>Joe Tridico</i>		e-mail address <i>JTridico@JDFields.com</i>		Signature <i>[Signature]</i>		Telephone <i>985-900-6209</i>	
Signature <i>[Signature]</i>		Signature		Signature		Signature	

Contractor (Business) Name <i>MAJUS ENGINEERING LLC</i>		Address 1		Address 2		City, State Zip	
Contact Name <i>JACOB DELAHOUSSE</i>		e-mail address <i>jacob.delahousse@marinuseng.com</i>		Signature <i>[Signature]</i>		Telephone <i>337-7619181</i>	
Signature <i>[Signature]</i>		Signature		Signature		Signature	

Contractor (Business) Name <i>RAYAN BRONSON</i>		Address 1		Address 2		City, State Zip	
Contact Name <i>Jeff Hark</i>		e-mail address <i>JPH.Hark@masterc.com</i>		Signature <i>[Signature]</i>		Telephone	
Signature <i>[Signature]</i>		Signature		Signature		Signature	



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<b>Contractor (Business) Name</b> Massman Const Co	<b>Address 1</b> 9400 W109th	<b>Address 2</b>	<b>City, State Zip</b> Duck Creek Park KS
<b>Contact Name</b> STEPHEN MACON	<b>e-mail address</b> SMACON@MASSMAN.NET	<b>Telephone</b> 816-500-1576	<b>Telephone</b>
<b>Signature</b> 	<b>Signature</b>	<b>Signature</b>	

<b>Contractor (Business) Name</b> Taylor Bros., Inc	<b>Address 1</b> 835 N. Congress Dr	<b>Address 2</b>	<b>City, State Zip</b> Evensville, IN 47715
<b>Contact Name</b> Mark Lou McEwen	<b>e-mail address</b> Lmeeuwen@Taylor.com	<b>Telephone</b> 850 518 0228	<b>Telephone</b>
<b>Signature</b> 	<b>Signature</b>	<b>Signature</b>	

<b>Contractor (Business) Name</b> WHITECAP	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
<b>Contact Name</b> Tony Ridgeway	<b>e-mail address</b> TONY.RIDGEWAY@WHITECAP.COM	<b>Telephone</b> 251-432-1867	<b>Telephone</b>
<b>Signature</b> Byron Rubenson	<b>Signature</b> Byron Rubenson a. Whitecap	<b>Signature</b>	

<b>Contractor (Business) Name</b> STEM Construction	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
<b>Contact Name</b> Jake Roberson	<b>e-mail address</b> JakeL.McMarine@CCM.COM	<b>Telephone</b> 256-577-4124	<b>Telephone</b>
<b>Signature</b> 	<b>Signature</b>	<b>Signature</b>	



**Alabama State Port Authority  
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<b>Contractor (Business) Name</b> WEEKS MARINE		<b>Address 1</b>		<b>Address 2</b>		<b>City, State Zip</b>	
<b>Contact Name</b> DAVID SKELTON		<b>e-mail address</b> DAVE.SKELTON@WEEKSMARINE.COM		<b>Signature</b>		<b>Telephone</b> 9253836025	
<b>Signature</b> 		<b>Signature</b>		<b>Signature</b>		<b>Signature</b>	

<b>Contractor (Business) Name</b> WEEKS MARINE		<b>Address 1</b>		<b>Address 2</b>		<b>City, State Zip</b>	
<b>Contact Name</b> GARY ENDLER		<b>e-mail address</b> gendlar@weeksmarine.com		<b>Signature</b>		<b>Telephone</b> 832-584-4493	
<b>Signature</b> 		<b>Signature</b>		<b>Signature</b>		<b>Signature</b>	

<b>Contractor (Business) Name</b> TLC		<b>Address 1</b>		<b>Address 2</b>		<b>City, State Zip</b>	
<b>Contact Name</b> Ryan Howard		<b>e-mail address</b> ryan.howard@tlics.com		<b>Signature</b>		<b>Telephone</b> 912 429-5114	
<b>Signature</b> 		<b>Signature</b>		<b>Signature</b>		<b>Signature</b>	

<b>Contractor (Business) Name</b> MATE HOWARD		<b>Address 1</b> 1100 RICHMOND AVE		<b>Address 2</b> HOUSTON		<b>City, State Zip</b> TEXAS 77042	
<b>Contact Name</b> MATE HOWARD		<b>e-mail address</b> mattward@collison-usa.com		<b>Signature</b>		<b>Telephone</b> 8324449270	
<b>Signature</b> 		<b>Signature</b>		<b>Signature</b>		<b>Signature</b>	



**Alabama State Port Authority**  
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<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Contractrix Inc	1500 Morris Street	Suite 300	Lawrenceburg PA 15317
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Earl Thompson	thompson.chucke@contractrix.com	205 335 7663	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Cooper Marine	118 N Royal Street		Mobile AL
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Matt Powell	Matt.Powell@thecoopergroup.com	251 415 3055	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Cooper Marine	118 N Royal St		Mobile, AL
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Richard Pipkins	richard.pipkins@cooper-marine.com	251-366-8394	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Penhall Company			
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Michael Walker	Michael@Penhall.com	661-770-7778	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>



**Alabama State Port Authority**  
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**Date:** 03.02.2026

Contractor (Business) Name <i>BALLAN</i>		Address 1		Address 2		City, State Zip	
Contact Name <i>JASON MESSENER</i>	e-mail address <i>JMESSENER@BALLANTRAIL.COM</i>			Telephone <i>804-679-9160</i>		Telephone	
Signature <i>[Signature]</i>	Signature			Signature		Signature	

Contractor (Business) Name <i>TIC</i>		Address 1 <i>PO Box 9207</i>		Address 2		City, State Zip <i>Sevigny GA 31912</i>	
Contact Name <i>Andrew Richardson</i>	e-mail address <i>andrew.richardson@tius.com</i>			Telephone <i>912-429-5192</i>		Telephone	
Signature <i>[Signature]</i>	Signature			Signature		Signature	

Contractor (Business) Name <i>WEEKS MARINE</i>		Address 1		Address 2		City, State Zip	
Contact Name <i>William Broadus</i>	e-mail address <i>william.broadus@kiewit.com</i>			Telephone <i>257-802-8510</i>		Telephone	
Signature <i>[Signature]</i>	Signature			Signature		Signature	

Contractor (Business) Name <i>JORDAN PILE DRIVING</i>		Address 1		Address 2		City, State Zip	
Contact Name <i>CURTIS JOHNSON</i>	e-mail address <i>Cjohnson@jordan-group.com</i>			Telephone <i>251-433-6929</i>		Telephone	
Signature <i>[Signature]</i>	Signature			Signature		Signature	



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<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
RJ Baggett Inc	759 Holcombe Ave		Mobile, AL 36606
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Joey Dicks	joey@mbaggett.com	251-473-3290	251-463-7458
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
F-15 Paestree	25 paps point		
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Charlie Sutherland	cisc@fpaestree.com	601-270-8007	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
CAJUN INDUSTRIALS			
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
BARTON FOLSE	barton.folse@cajunusa.com	985 860 9119	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>

<b>Contractor (Business) Name</b>	<b>Address 1</b>	<b>Address 2</b>	<b>City, State Zip</b>
Gulfcoast Prestress			
<b>Contact Name</b>	<b>e-mail address</b>	<b>Telephone</b>	<b>Telephone</b>
Heath Stevens	hstevens@gcpstress.com	601-347-2931	
<b>Signature</b>	<b>Signature</b>	<b>Signature</b>	<b>Signature</b>



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**Pre-Bid Meeting Attendance Sheet**

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**Date:** 03.02.2026

Contractor (Business) Name		Address 1	Address 2	City, State Zip
GA West			1200 Radcliff	Croola AL
Contact Name	e-mail address		Telephone	Telephone
Josh Hamilton	josh.hamilton@gawest.com		251-234-2553	
Signature	Signature		Signature	

Contractor (Business) Name		Address 1	Address 2	City, State Zip
G.A. West		1200 Radcliff		Croola, AL 36525
Contact Name	e-mail address		Telephone	Telephone
Kristina Roe	kristina.roe@gawest.com		251-421-5438	
Signature	Signature		Signature	

Contractor (Business) Name		Address 1	Address 2	City, State Zip
GA West		1200 Radcliff Road		
Contact Name	e-mail address		Telephone	Telephone
David Rhames	david.rhames@gawest.com		251-533-8261	
Signature	Signature		Signature	

Contractor (Business) Name		Address 1	Address 2	City, State Zip
ORION		3838 N Crossway Blvd	Metairie LA 70002	
Contact Name	e-mail address		Telephone	Telephone
Maria Stappes	kstappes@ora.net		251-509-2554	
Signature	Signature		Signature	



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Contractor (Business) Name		Address 1		Address 2		City, State Zip	
AMERICAN MARINE TECHNOLOGICAL SOLUTIONS		660 DUNLAP DR.				MOBILE, AL 36602	
Contact Name		e-mail address		Telephone		Telephone	
TOM BOWTON		TBOWTON@AMERICANMTECH.COM		713-295-1961			
Signature		Signature		Signature		Signature	

Contractor (Business) Name		Address 1		Address 2		City, State Zip	
Callan Marino							
Contact Name		e-mail address		Telephone		Telephone	
JOEY MALDONADO		JMALDONADO@CALLANMARINE.HTD.COM		409-795-8989			
Signature		Signature		Signature		Signature	

Contractor (Business) Name		Address 1		Address 2		City, State Zip	
Vecellio Grogan							
Contact Name		e-mail address		Telephone		Telephone	
Cory Butz		cory.butz@vecellio9rogan.com		813-393-8191			
Signature		Signature		Signature		Signature	

Contractor (Business) Name		Address 1		Address 2		City, State Zip	
Rescue Marine							
Contact Name		e-mail address		Telephone		Telephone	
Jony D Barber		JBARBER@RESCUEMARINE.COM		251-604-8515			
Signature		Signature		Signature		Signature	



# Choctaw Point Phase V Dock Expansion

Pre-Bid Meeting  
March 2, 2026

# Location

The site is in the north area of the McDuffie Coal Terminal, located on the west side of the Mobile River south of the APM container terminal.

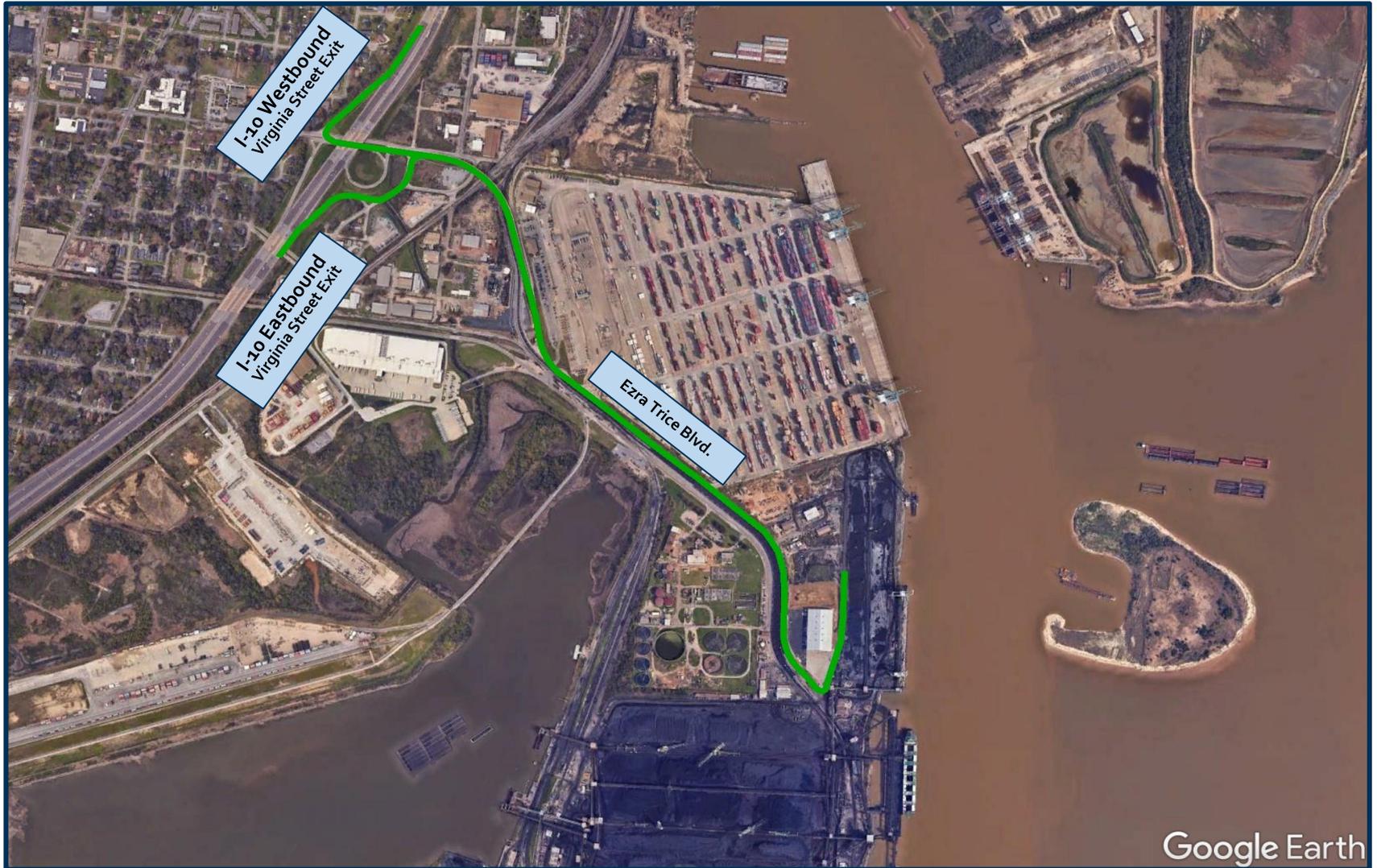


# Prior Use

Yard No. 4 was used as for import, staging, and storage of up to 2.3 million tons of coal from inland and overseas sources.

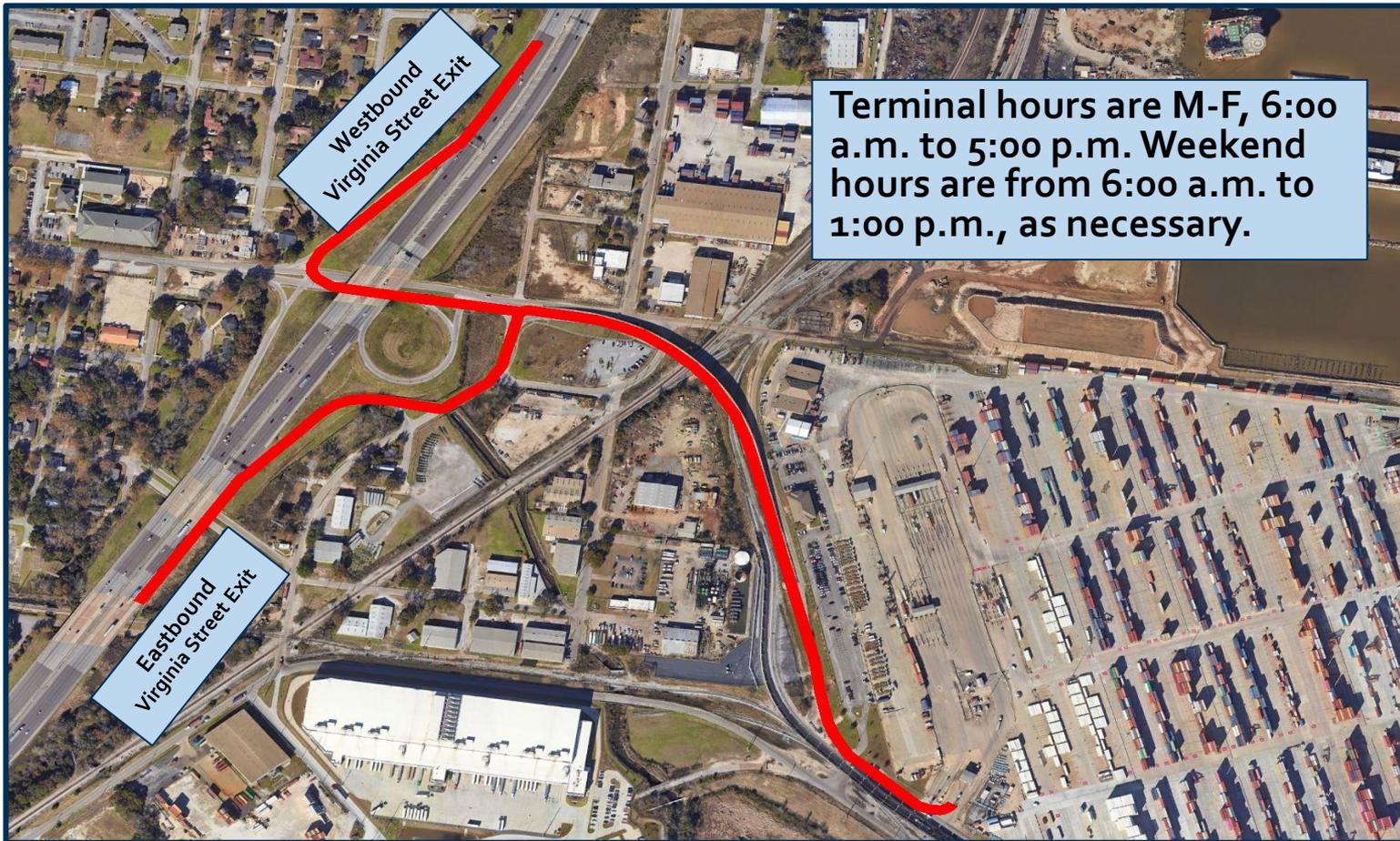


# Normal Site Access



# Heavy Terminal Traffic

- ▶ On occasion, truck traffic going into the APM terminal is backed up onto I-10.



# Heavy Terminal Traffic – Alternate Route



# Coal Train Blocks Intersection

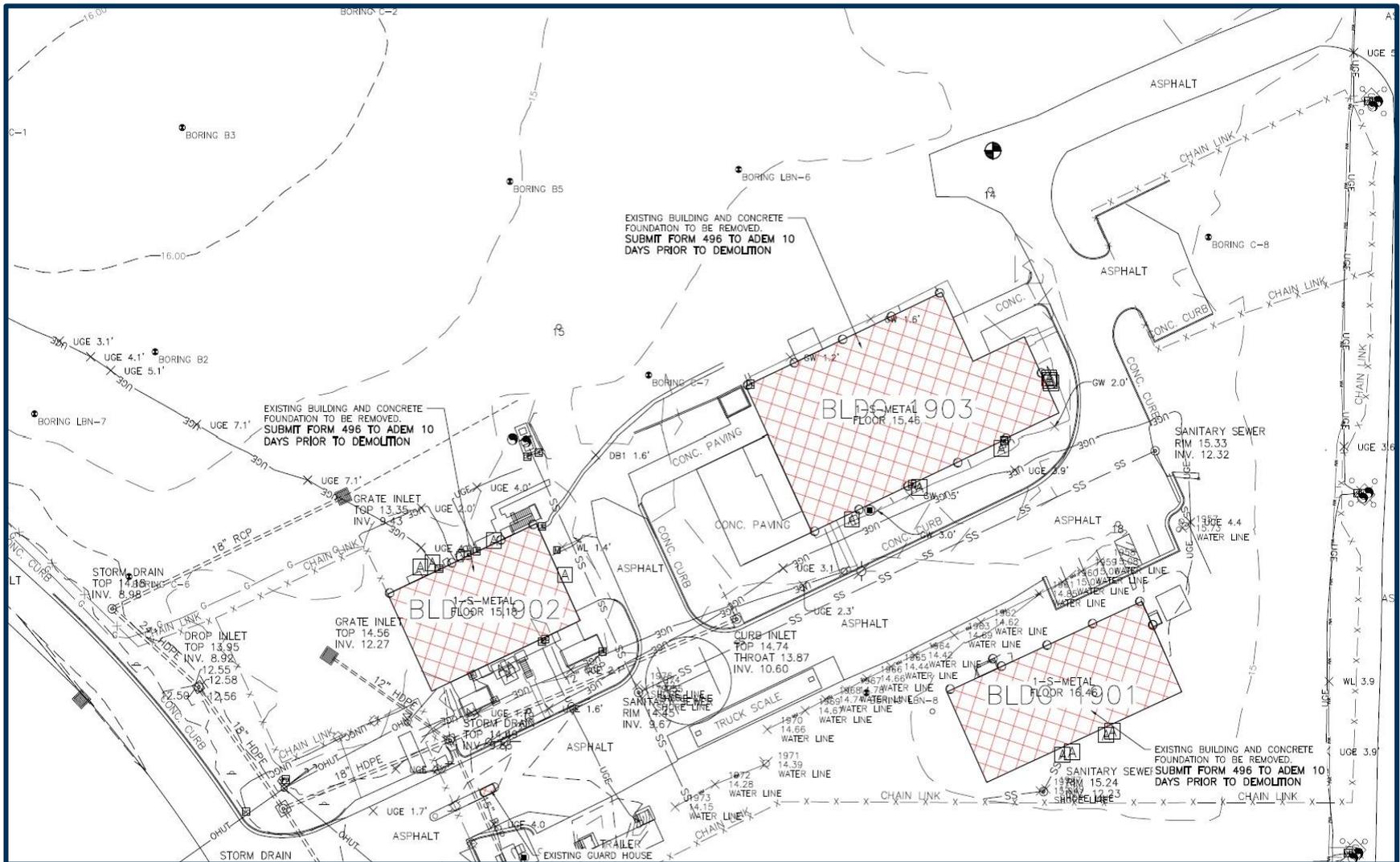
- ▶ On occasion, the coal train will block the crossover between Ezra Trice Blvd and Yeend St.



# Heavy Terminal Traffic with Coal Train



# Buildings Demo



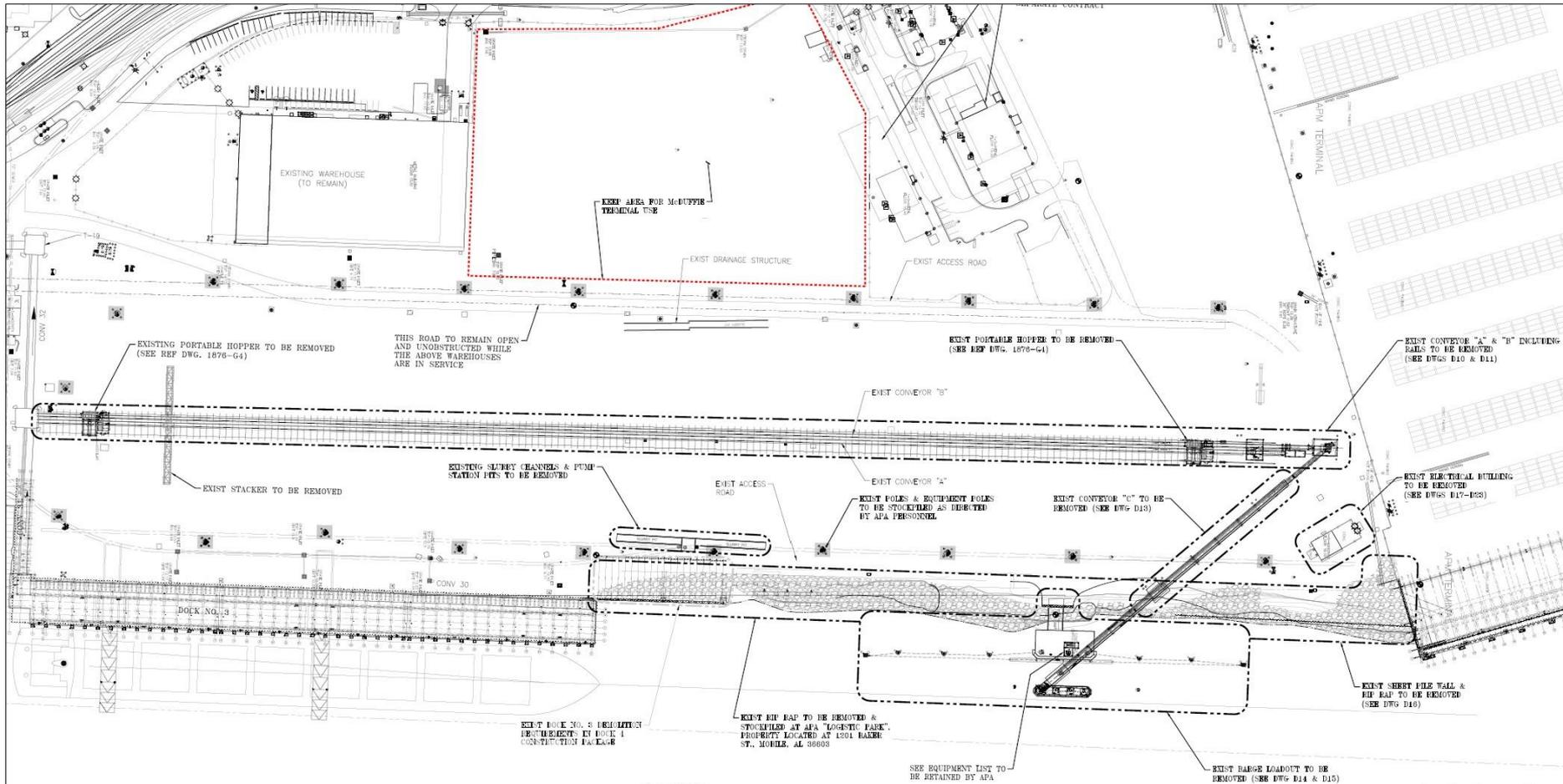
# Buildings Demo



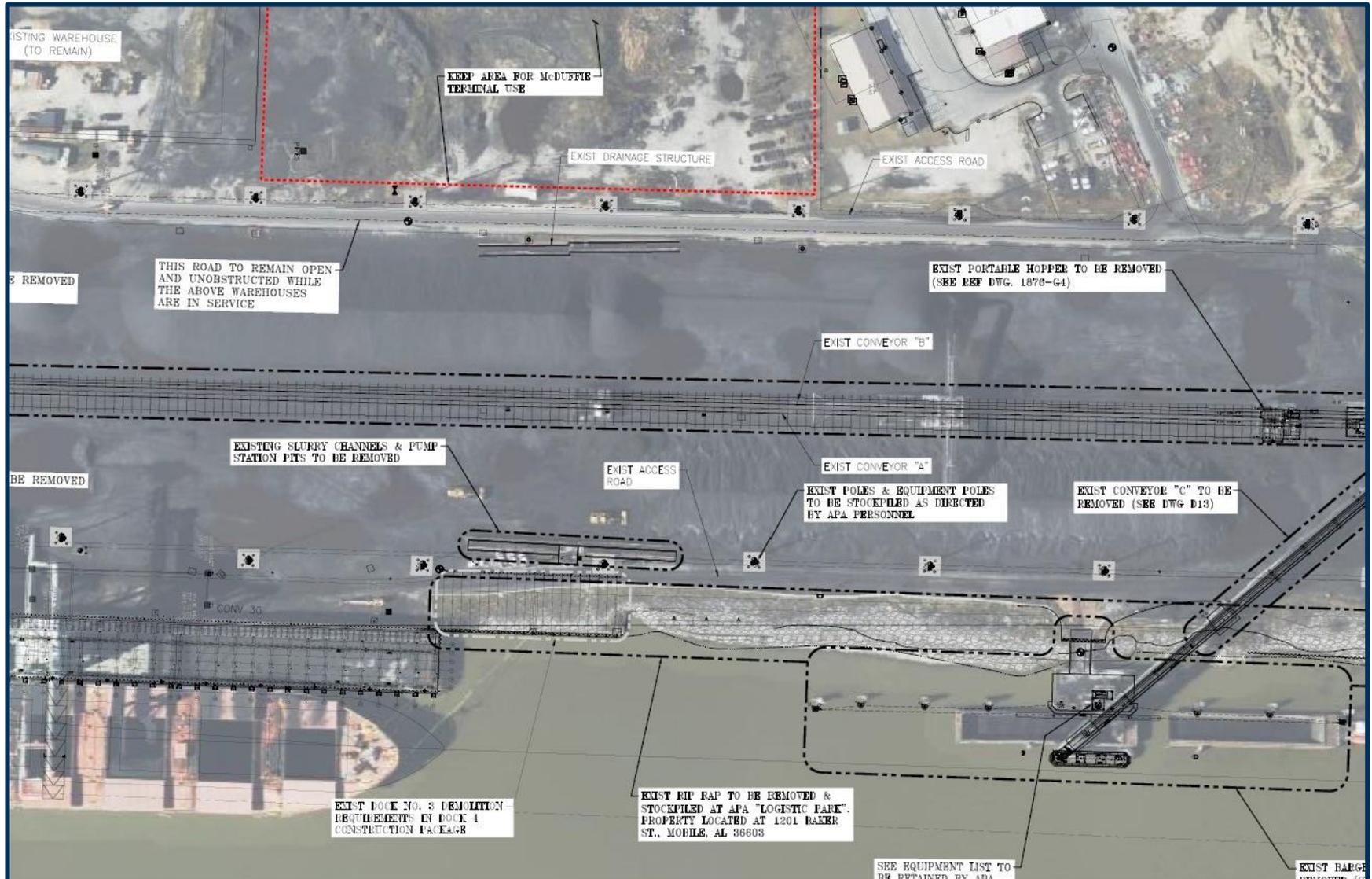
# Current Conditions – Buildings



# Conveyor and Loadout Demo



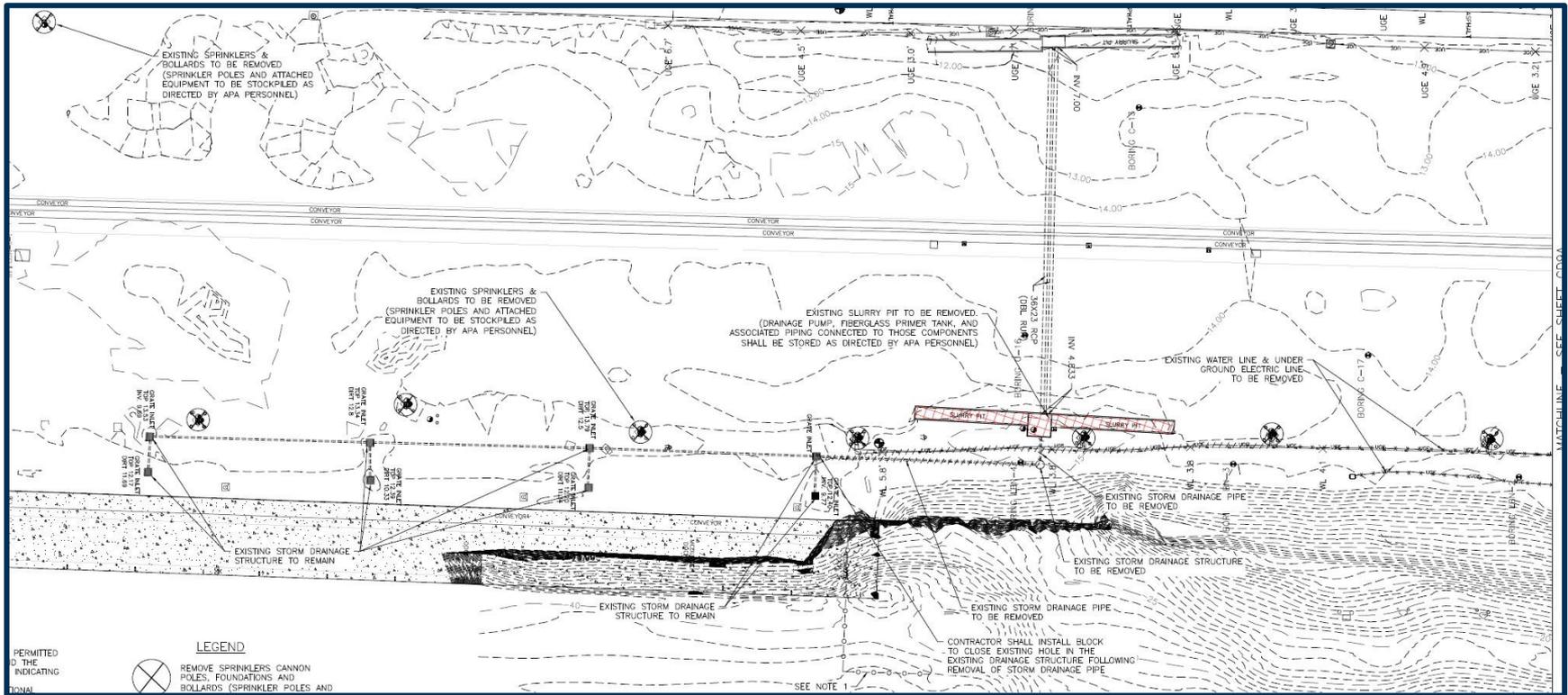
# Conveyor and Loadout Demo



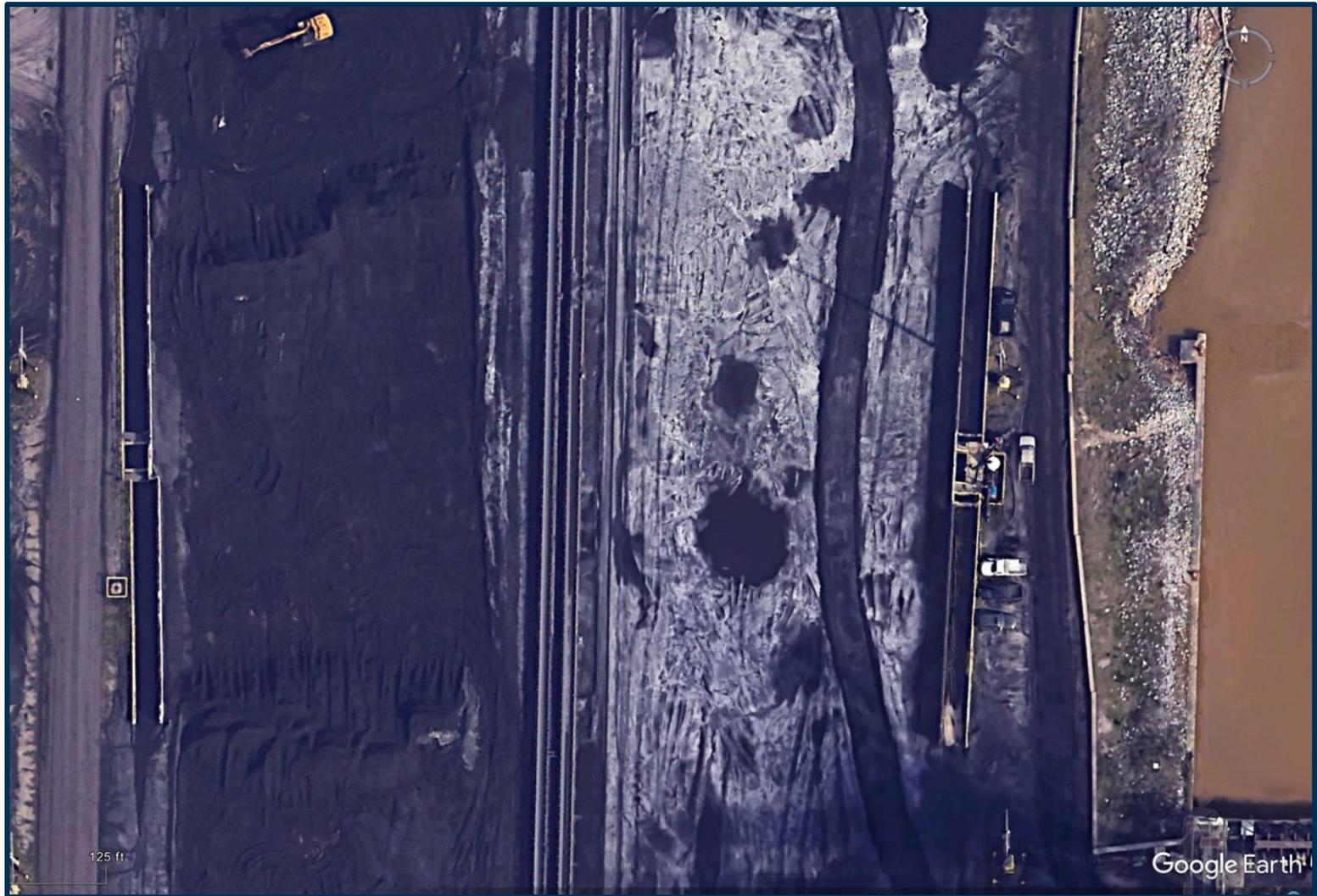
# Current Conditions – Conveyor



# Drainage Structures Demo



# Drainage Structures Demo



# Current Conditions – Slurry Pit



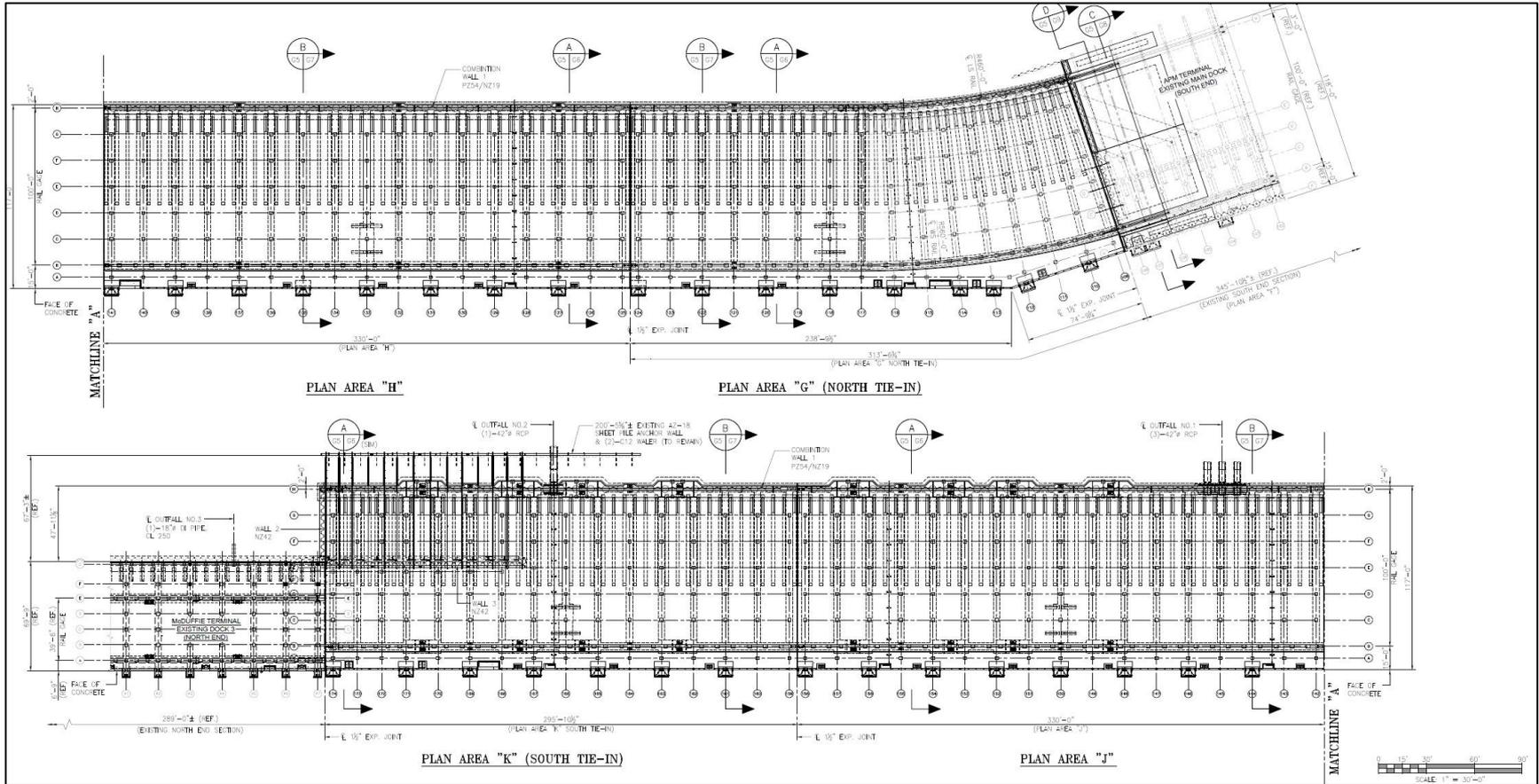


# Current Conditions – Shoreline

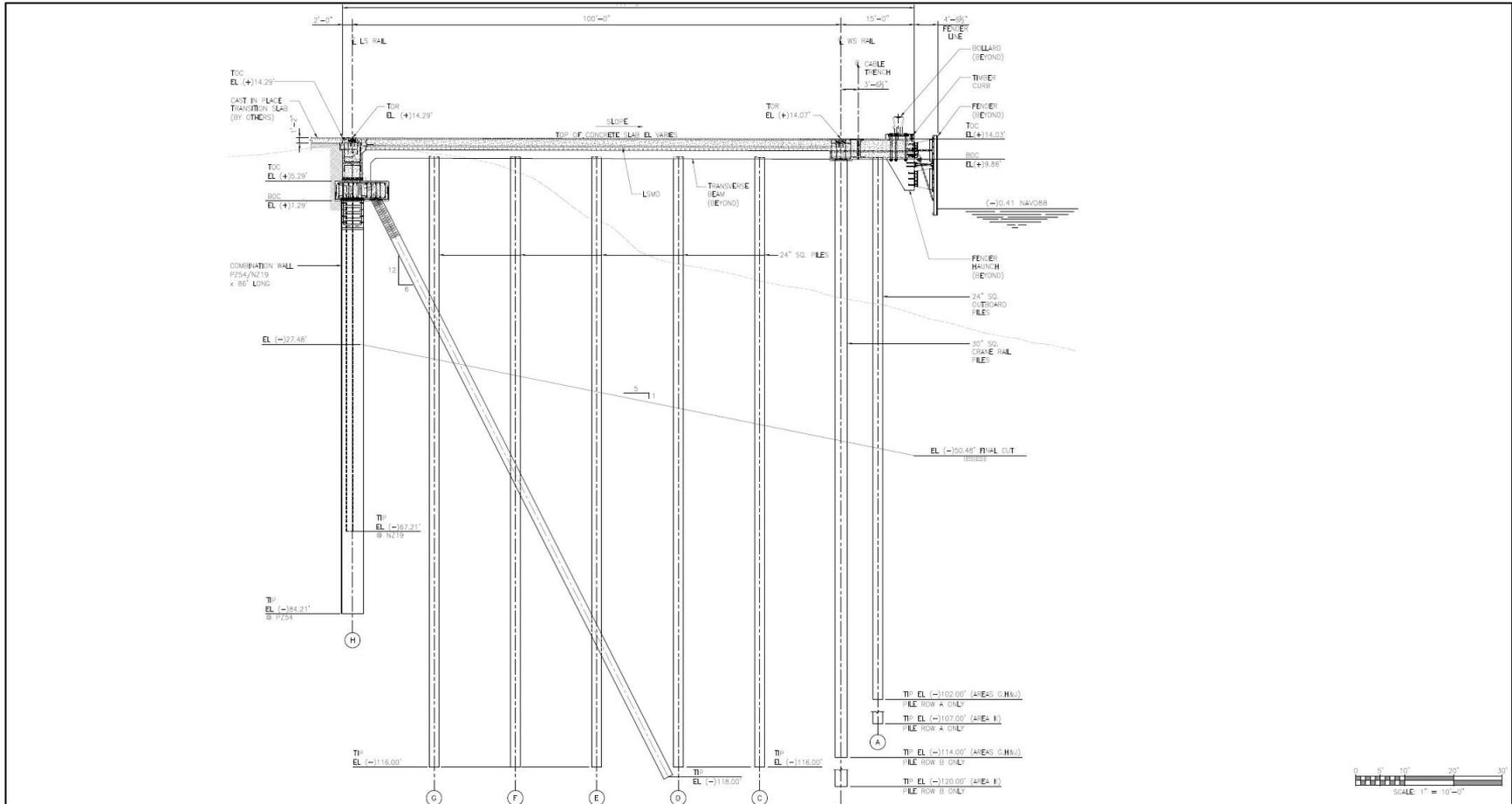




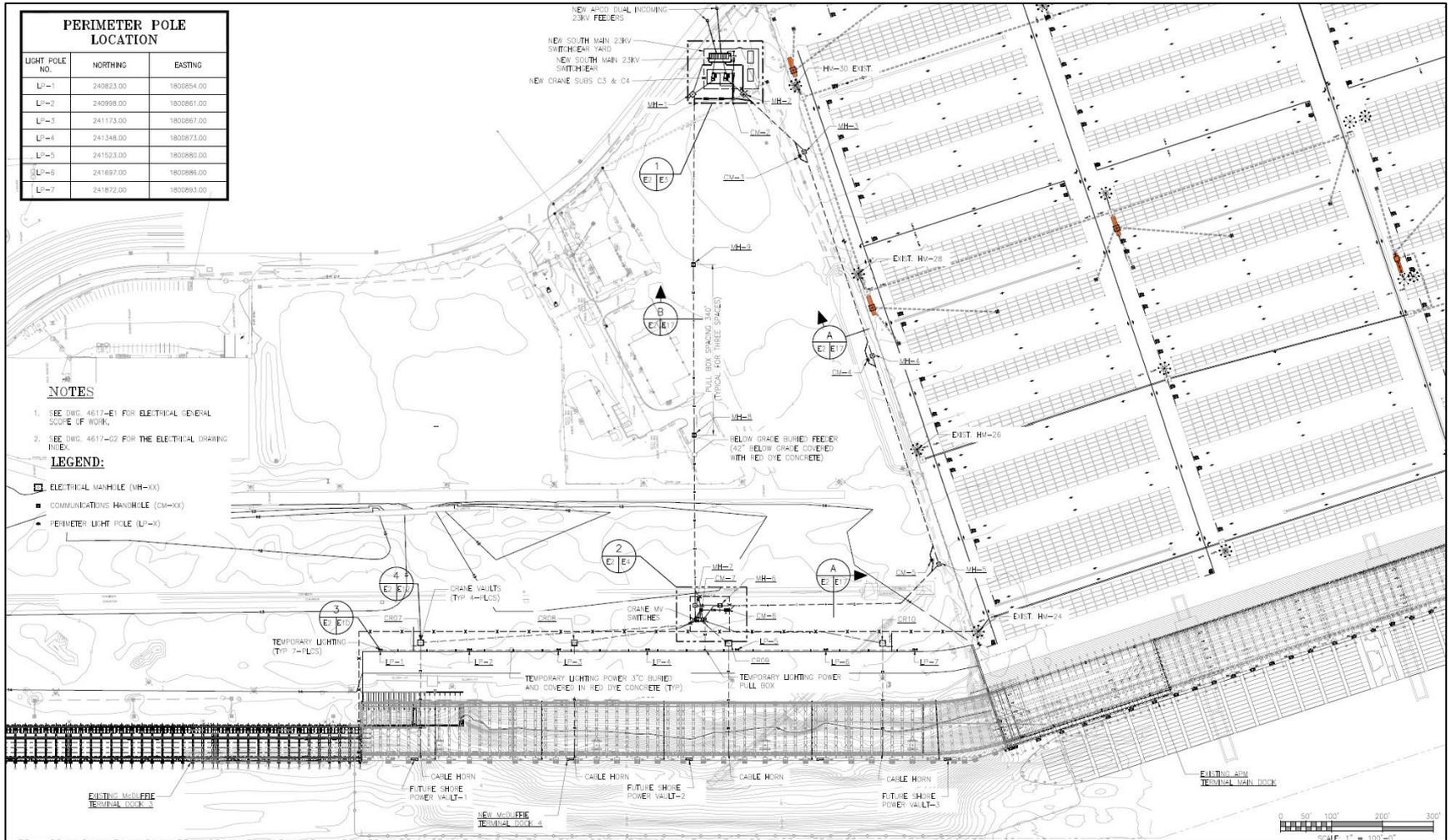
# Phase V Dock Extension



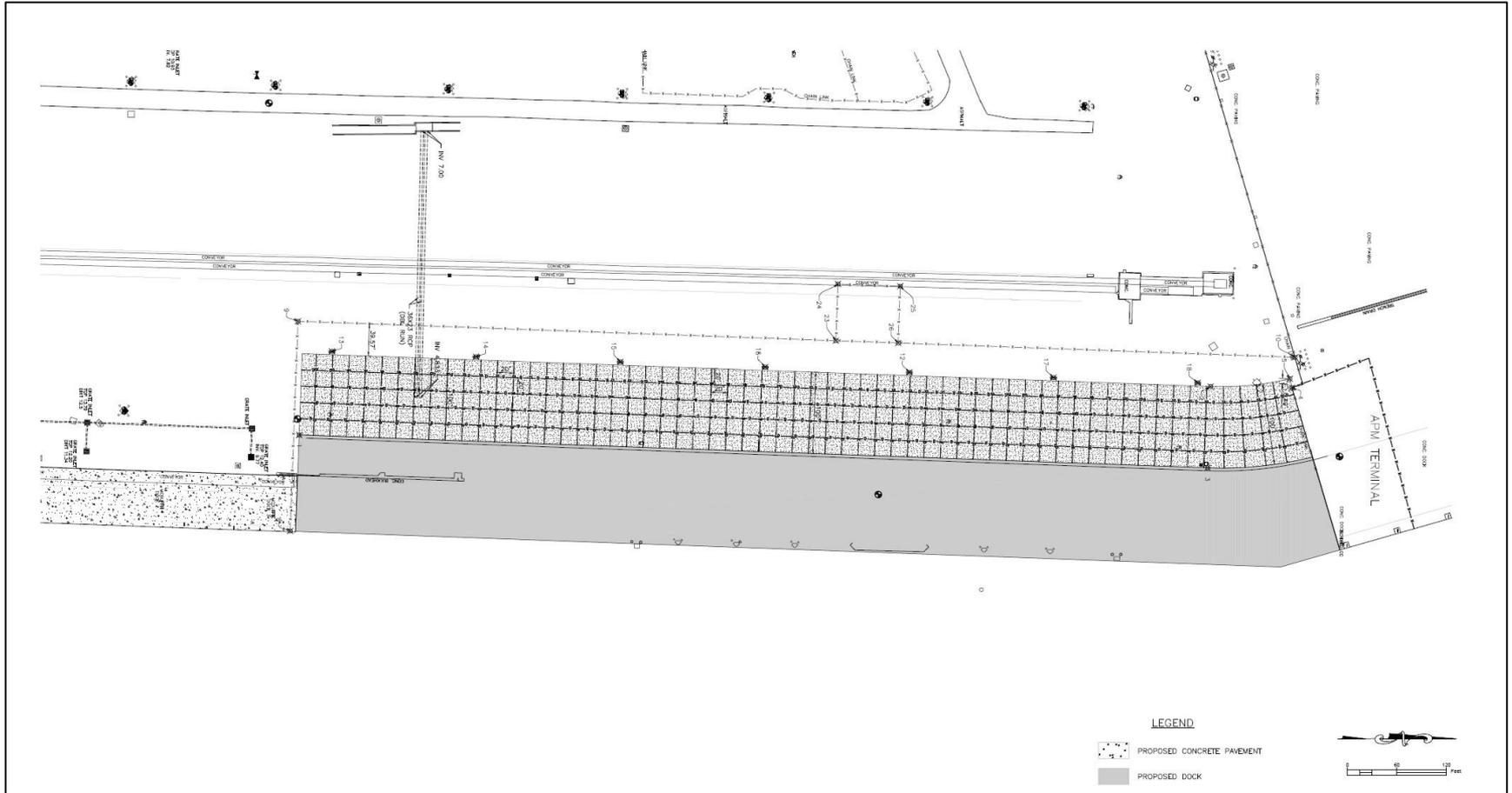
# Typical Dock Section and Slab



# Electrical Site Plan



# Backland Transit Site Plan



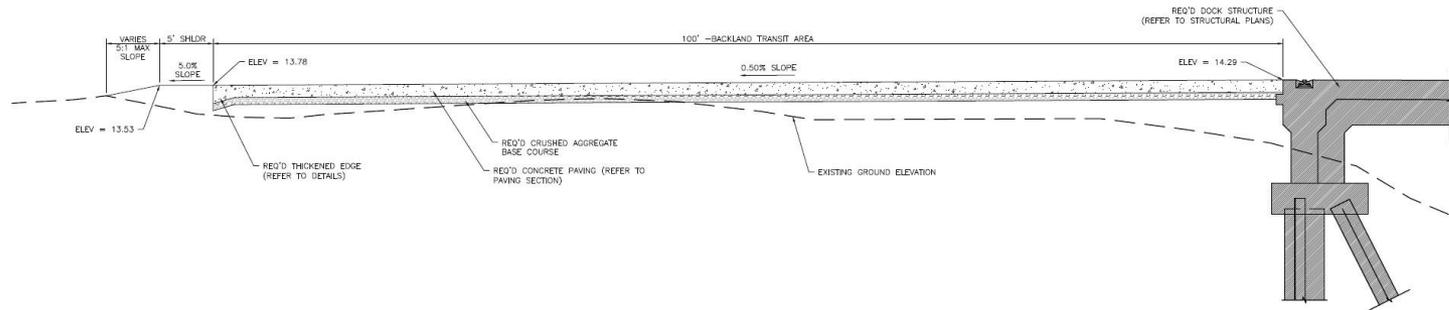
# Backland Transit Typical Section

Point Table				
Point #	Elevation	Northing	Eastng	Description
1	14.24	240783.76	1800997.20	EOC
2	13.78	241888.42	1800897.66	EOC
3	14.23	241884.75	1800997.59	EOC
4	15.45	241987.08	1800899.12	EOC
5	14.01	241984.45	1800888.11	EOC
8	14.25	240772.86	1801075.14	FENCE
9	13.34	240782.31	1800817.49	FENCE
10	13.54	241990.88	1800861.82	FENCE
12	13.58	241523.03	1800880.25	TEMP_LIGHT
13	13.58	240823.50	1800854.59	TEMP_LIGHT
14	13.58	240998.38	1800861.01	TEMP_LIGHT
15	13.58	241173.26	1800867.42	TEMP_LIGHT
16	13.58	241348.14	1800873.84	TEMP_LIGHT
17	13.58	241697.91	1800886.67	TEMP_LIGHT
18	13.58	241872.79	1800893.08	TEMP_LIGHT
23	13.99	241433.83	1800841.39	FENCE
24	13.20	241436.39	1800771.65	FENCE
25	13.46	241511.99	1800774.42	FENCE
26	13.93	241509.44	1800844.16	FENCE

GEOMETRIC PLAN NOTES:  
 1. ALL DIMENSIONS AND COORDINATES ARE TO EDGE OF PAVEMENT.  
 2. REFER TO SHEETS 800 THRU 807 FOR GRADING PLANS.  
 3. ALL COORDINATES ARE ALABAMA STATE PLANE (NAD83 WEST ZONE).  
 4. ANY DISCREPANCIES IN CONTROLS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER IN WRITING.

GEOMETRIC POINT TABLE ABBREVIATIONS:

EOC EDGE OF CONCRETE



BACKLAND TRANSIT AREA TYPICAL SECTION  
 SCALE: 1" = 5'





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# Any further questions?

Thank you for your time.



**DEMOLITION NOTES:**

- APTIM HAS ATTEMPTED TO PROVIDE THE CONTRACTOR WITH THE MOST CURRENT "AS BUILT" INFORMATION AS POSSIBLE REGARDING EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL EXISTING CONDITIONS AND HOW THEY AFFECT THE REQUIRED WORK PRIOR TO SUBMITTING HIS BID. ANY DISCREPANCY NOTED BETWEEN ACTUAL CONDITIONS AND THOSE DESCRIBED BY THESE DRAWINGS SHALL BE PROMPTLY BROUGHT TO THE ATTENTION OF THE ENGINEER. NO ADDITIONAL COST ASSOCIATED WITH THE MODIFICATIONS TO THE SCOPE OF WORK REQUIRED DUE TO INACCURATE EXISTING CONDITIONS AS SHOWN BY THESE DRAWINGS WILL BE CONSIDERED UNLESS SAID CONDITIONS HAVE BEEN BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO RECEIVING BIDS.
- THE WORK INCLUDED UNDER THIS CONTRACT SHALL CONSIST OF FURNISHING ALL LABOR, TOOLS, EQUIPMENT, MATERIAL, SERVICES, AND SUPERVISION NECESSARY FOR THE DEMOLITION, REMOVAL FROM THE SITE, AND PROPER DISPOSAL OF ALL INDICATED STRUCTURES INCLUSIVE OF BUT NOT LIMITED TO ALL PILING, CONCRETE, STEEL FRAMING, TIMBER FRAMING, AND ALL ASSOCIATED CONSTRUCTION THAT EXIST IN THE AREAS DESIGNATED FOR DEMOLITION. REMOVED MATERIALS AS DESIGNATED BY THE OWNER SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE SAFELY STORED AS DIRECTED. MATERIAL SPECIFIED TO BE DISPOSED OF SHALL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE DISPOSED OF OFF OWNER'S PROPERTY.

CARE SHALL BE TAKEN TO AVOID DROPPING ANY REMOVED MATERIAL IN THE WATER AND ANY SUCH MATERIALS ENTERING THE WATER SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

**3. APPLICABLE CODES AND STANDARDS**

- ANSI A10.6 (LATEST EDITION) DEMOLITION OPERATIONS-SAFETY REQUIREMENTS
- NATIONAL ASSOCIATION OF DEMOLITION CONTRACTORS DEMOLITION SAFETY MANUAL

**4. REQUIRED SUBMITTALS**

THE CONTRACTOR SHALL SUBMIT PROPOSED DEMOLITION AND REMOVAL PROCEDURES TO THE OWNER FOR APPROVAL BEFORE WORK BEGINS. THE DEMOLITION PLAN SHALL INCLUDE PROCEDURES FOR CAREFUL REMOVAL AND DISPOSITION OF ALL MATERIALS AND A DETAILED DESCRIPTION OF METHODS AND EQUIPMENT TO BE USED FOR EACH OPERATION AND OF SEQUENCE OF OPERATIONS.

**5. NOTIFICATION OF DEMOLITION AND DISPOSAL**

THE CONTRACTOR SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL HAULING AND DISPOSAL REGULATIONS, FURNISHING TIMELY NOTIFICATION OF THE DEMOLITION WORK TO FEDERAL, STATE, REGIONAL AND LOCAL AUTHORITIES AS REQUIRED.

**6. DUST AND DEBRIS CONTROL**

THE CONTRACTOR SHALL PREVENT THE SPREAD OF DUST AND DEBRIS AND AVOID THE CREATION OF A NUISANCE OR HAZARD IN THE SURROUNDING AREA. WATER SPRAY SHALL BE REQUIRED DURING DEMOLITION OPERATIONS WHEN CONDITIONS WARRANT.

**7. PROTECTION OF EXISTING STRUCTURES**

TO PROTECT PEDESTRIAN & VEHICULAR TRAFFIC IN AND AROUND THE WORK AREA, TRAFFIC BARRICADES WITH FLASHING LIGHTS SHALL BE USED AS REQUIRED. STRUCTURES, EQUIPMENT, AND OTHER ITEMS IN THE ADJACENT AREA SHALL BE PROTECTED AS REQUIRED DURING DEMOLITION AND REMOVAL WORK. ANY SUCH ITEMS DAMAGED DURING THE COURSE OF THE WORK SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, OR REPLACED. WHERE DEMOLITION AND REMOVAL WORK CAUSE HAZARDOUS CONDITIONS APPROPRIATE BARRIERS AND TEMPORARY COVERINGS SHALL BE USED AS REQUIRED.

**8. EXISTING CONSTRUCTION AND OPERATIONS**

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL NECESSARY DETAILS OF THE EXISTING CONSTRUCTION AS RELATIVE TO ITS EFFECTS ON HIS WORK. CONTRACTOR SHALL ALSO COORDINATE ALL ACTIVITIES WITH THE OWNER AND SHALL NOT INTERFERE IN ANY WAY WITH APM TERMINALS OPERATIONS.

**9. REMOVAL VERIFICATION**

AS NOTED ON DRAWINGS, IN THE AREAS WHERE PILES, RIP-RAP, AND OTHER DEBRIS ARE TO BE REMOVED IN THE AREA OF THE FUTURE DOCK CONSTRUCTION, THE CONTRACTOR SHALL PERFORM A SUBSURFACE SIDE SCAN SONAR SURVEY FOR VERIFICATION OF REMOVAL.

**10. PERMIT REQUIREMENTS**

CONTRACTOR SHALL ABIDE BY THE TERMS OF THE USACE PERMIT. THE PERMIT PLACARD SHALL BE CONSPICUOUSLY DISPLAYED AT THE CONSTRUCTION SITE.

**11. IF ARCHAEOLOGICAL MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE PROCEDURES CODIFIED AT 36 CFR 800.13(b) WILL APPLY. ARCHAEOLOGICAL MATERIALS CONSIST OF ANY ITEMS, FIFTY YEARS OLD OR OLDER, WHICH WERE MADE OR USED BY MAN. THESE ITEMS INCLUDED BUT ARE NOT LIMITED TO STONE PROJECTILE POINTS (ARROWHEADS), CERAMIC SHERDS, BRICKS, WORKED WOOD, BONE AND STONE, METAL AND GLASS OBJECTS. IF GROUND-DISTURBING WORK UNCOVERS SIGNIFICANT ARCHAEOLOGICAL MATERIALS, OR IF WORK UNCOVERS HUMAN BURIALS OR HUMAN REMAINS, ALABAMA PORT AUTHORITY WILL BE NOTIFIED IMMEDIATELY AND GROUND DISTURBING ACTIVITIES WILL IMMEDIATELY BE STOPPED WITHIN A 300-FOOT RADIUS AND THE MATERIALS PROTECTED. THE ALABAMA PORT AUTHORITY WILL INFORM THE STATE HISTORIC PRESERVATION OFFICER, CHOCTAW NATION HISTORIC PRESERVATION DEPARTMENT, AND THE MUSCOGEE (CREEK) NATION DEPARTMENT OF CULTURE AND HUMANITIES OF THE DISCOVERY OF ARCHAEOLOGICAL MATERIALS AS SOON AS POSSIBLE AND THESE PARTIES WILL BE GIVEN AN OPPORTUNITY TO PROVIDE INPUT BEFORE CONSTRUCTION RESUMES. NEITHER THE CONSTRUCTION TEAM NOR THE APPLICANT WILL DISCLOSE THIS INFORMATION TO THE PUBLIC OR THE MEDIA IN ANY MANNER, INCLUDING SOCIAL MEDIA. IF HUMAN REMAINS ARE ENCOUNTERED, THE PROVISIONS OF THE ALABAMA BURIAL ACT (CODE OF ALABAMA 1975 13A-7-23.1, AS AMENDED; ALABAMA HISTORICAL COMMISSION ADMINISTRATIVE CODE CHAPTER 460-X-10 BURIALS) SHOULD BE FOLLOWED.**

**REFERENCE DRAWINGS:**

**McDUFFIE TERMINALS/TUSCALOOSA STEEL CORP. CONVEYANCE EXPANSION (1996)**

Drawing No.	Drawing Title
809-GC0 809-GC02	COVER SHEET DRAWING INDEX & GENERAL NOTES
809-GM1	CONVEYOR BELT PROFILES
809-C1 809-C2 809-C5 809-C6 809-C9 809-10	SITE PLAN MASTER SITE DRAINAGE PLAN ENLARGED SITE DRAINAGE PLAN ENLARGED SITE DRAINAGE PLAN TYPICAL STORAGE YARD CROSS SECTION DETAILS
809-S2 809-S2A	PLAN AND ELEVATION CONVEYOR "A" & "B" CONVEYOR "A" & "B" SECTIONS & DETAILS
809-F16A 809-F17 809-F18 809-F19	STACKER TIE DOWN FOUNDATION PLAN & DETAILS PILE AND MISC. DETAILS CATCH BASIN PLAN, SECTIONS, & DETAILS SUMP PUMP BASIN PLAN & SECTIONS
809-M24	SUMP PUMP BASIN MECHANICAL PLAN
809-U1 809-U2	UTILITY SITE PLAN UTILITY SITE PLAN

**GARROW'S BEND BULK TERMINAL SHORLINE REMEDIATION (1999)**

Drawing No.	Drawing Title
1164-C0 1164-C1	COVER SHEET SITE PLAN
1164-NC1 1164-NC2	PARTIAL SITE PLAN PARTIAL SITE PLAN
1164-NCR1 1164-NCR2 1164-NCR3 1164-NCR4 1164-NCR5 1164-NCR6 1164-NCR7 1164-NCR8 1164-NCR9 1164-NCR10 1164-NCR11 1164-NCR12 1164-NCR13 1164-NCR14 1164-NCR15 1164-NCR16 1164-NCR17 1164-NCR18 1164-NCR19	CROSS SECTIONS STA. 0+00 & STA. 0+50 CROSS SECTIONS STA. 1+00 & STA. 1+50 CROSS SECTIONS STA. 2+00 & STA. 2+50 CROSS SECTIONS STA. 3+00 & STA. 3+50 CROSS SECTIONS STA. 4+00 & STA. 4+50 CROSS SECTIONS STA. 5+00 & STA. 5+50 CROSS SECTIONS STA. 6+00 & STA. 6+50 CROSS SECTIONS STA. 7+00 & STA. 7+50 CROSS SECTIONS STA. 8+00 & STA. 8+50 CROSS SECTIONS STA. 9+00 & STA. 9+50 CROSS SECTIONS STA. 10+00 & STA. 10+50 CROSS SECTIONS STA. 10+98 & STA. 11+00 CROSS SECTIONS STA. 11+50 & STA. 12+50 CROSS SECTIONS STA. 12+50 & STA. 13+00 CROSS SECTIONS STA. 13+50 & STA. 14+00 CROSS SECTIONS STA. 14+50 & STA. 15+00 CROSS SECTIONS STA. 15+32 & STA. 15+50 CROSS SECTIONS STA. 16+00 & STA. 16+50 CROSS SECTIONS STA. 17+00 & STA. 17+50

**YARD 4 DRAINAGE PIT SYSTEM (2005 & 2007)**

Drawing No.	Drawing Title
ED-1-216 ED-1-332	AREA 4 SUMP PIT MODIFICATIONS-CONCRETE DETAILS YARD 4 STORMWATER PUMP REPLACE-PUMP & PIPING LAYOUT

**PROTECTED SPECIES CONSTRUCTION CONDITIONS NOTE:**

PROTECTED SPECIES FOR THE PROPOSED PROJECT ARE ALABAMA RED-BELLIED TURTLE, WEST INDIAN MANATEE, KEMP'S RIDLEY SEA TURTLE, GULF STURGEON, GREEN SEA TURTLE, LOGGERHEAD SEA TURTLE, AND GIANT MANTA RAY. NMFS - SOUTHEAST REGIONAL OFFICE PROTECTED SPECIES CONSTRUCTION CONDITIONS WILL BE IMPLEMENTED DURING CONSTRUCTION. THE NMFS - SOUTHEAST REGIONAL OFFICE, VESSEL STRIKE AVOIDANCE MEASURES WILL BE IMPLEMENTED DURING VESSEL MOVEMENT.

**REFERENCE DRAWINGS:**

**McDUFFIE TERMINALS BARGE LOADOUT RELOCATION (2004)**

Drawing No.	Drawing Title
1723-T1 1723-T2 1723-G1 1723-G2 1723-G3 1723-G4 1723-G5 1723-G6	PROJECT TITLE SHEET INDEX OF DRAWINGS AND GENERAL NOTES NEW SITE PLAN ENLARGED SITE PLAN CONVEYOR "A" GENERAL ARRANGEMENT CONVEYOR "B" GENERAL ARRANGEMENT CONVEYOR "C" GENERAL ARRANGEMENT LOADING DOCK PLAN & SECTION
1723-CV1 1723-CV2 1723-CV3 1723-CV4 1723-CV5	FOUNDATION LOCATION PLAN PILING SCHEDULE & DETAILS PILE LOCATION PLAN PILE LOCATION PLAN PRESTRESSED PILE DETAILS
1723-C3 1723-C4 1723-C5 1723-C6 1723-C7 1723-C8 1723-C9 1723-C10 1723-C20 1723-C21 1723-C22 1723-C23 1723-C24 1723-C25 1723-C26	FOUNDATION LOCATION PLAN FOUNDATION LOCATION PLAN CONVEYOR "A" DRIVE STRUCTURE FOUNDATION DETAILS CONVEYOR "B" DRIVE STRUCTURE FOUNDATION DETAILS CONVEYOR "C" DRIVE FOUNDATION DETAILS CONVEYOR "A" & "B" TAKE-UP STRUCTURE FOUNDATION DETAILS CONVEYOR "C" BENT FOUNDATION DETAILS CONVEYOR "C" BENT FOUNDATION DETAILS DOCK & BRIDGE FOUNDATION PLAN OUTBOARD MOORING FOUNDATION PLAN DOCK FOUNDATION SECTIONS & DETAILS DOCK STRUCTURE FENDERING SYSTEM DOCK STRUCTURE FENDERING DETAILS OUTBOARD MOORING FENDERING DETAILS DOCK FOUNDATION SECTIONS AND DETAILS
1723-S5 1723-S6 1723-S7 1723-S8 1723-S9 1723-S11 1723-S11A 1723-S12 1723-S13 1723-S14 1723-S15 1723-S17 1723-S17A 1723-S18 1723-S19 1723-S20 1723-S21 1723-S22 1723-S23 1723-S23A 1723-S24 1723-S25 1723-S26 1723-S27	CONVEYOR "A" DRIVE STRUCTURE PLANS & ELEVATIONS CONVEYOR "A" DRIVE STRUCTURE PLANS & ELEVATIONS CONVEYOR "B" DRIVE STRUCTURE PLANS & ELEVATIONS CONVEYOR "A" DRIVE STRUCTURE PLANS & ELEVATIONS CONVEYOR "A" & "B" TAKE-UP STRUCTURE PLANS & ELEVATIONS CONVEYOR "C" TAKE-UP STRUCTURE PLANS & ELEVATIONS CONVEYOR "C" TAKE-UP STRUCTURE SECTIONS & DETAILS CONVEYOR "C" TAKE-UP STRUCTURE SECTIONS & DETAILS CONVEYOR "C" PLANS & ELEVATIONS CONVEYOR "C" PLANS & ELEVATIONS CONVEYOR "C" PLANS & ELEVATIONS CONVEYOR "C" TRUSS PLAN & SECTIONS CONVEYOR "C" TRUSS SECTIONS & DETAILS OPERATOR'S CAB SUPPORT STRUCTURE PLANS & ELEVATIONS OPERATOR'S CAB SUPPORT STRUCTURE SECTIONS & DETAILS CONVEYOR "C" BENT DETAILS CONVEYOR "C" MODULE DETAILS CONVEYOR "C" MODULE DETAILS CONVEYOR "B" MODULE PLAN & ELEV. CONVEYOR "B" MODULE DETAILS TYPICAL MODULE DETAILS BARGE LOADOUT DOCK DOLPHIN "A" DETAILS BARGE LOADOUT DOCK DOLPHIN "B & C" DETAILS MISCELLANEOUS STEEL DETAILS
1723-M1 1723-M2 1723-M3 1723-M5 1723-M6 1723-M7 1723-M8 1723-M9 1723-M11 1723-M12 1723-M13 1723-M14 1723-M14A 1723-M15 1723-M16 1723-M17 1723-M18	GENERAL NOTES & TYPICAL DETAILS CONVEYOR "A" PLAN & ELEVATIONS CONVEYOR "A" TAKE-UP DETAILS CONVEYOR "B" PLAN & ELEVATIONS CONVEYOR "B" TAKE-UP DETAILS CONVEYOR "B" DRIVE STRUCTURE EQUIPMENT PLAN & ELEV. CONVEYOR "B" HOOD & CHUTE DETAILS CONVEYOR "C" PLAN & ELEVATIONS CONVEYOR "C" DISCHARGE POINT PLAN & ELEVATIONS CONVEYOR "C" HOOD & CHUTE DETAILS CONVEYOR "A" EQUIPMENT SUPPORT FOUNDATION CONVEYOR "B" EQUIPMENT SUPPORT FOUNDATION CONVEYOR "B" EQUIPMENT SUPPORT FOUNDATION CONVEYOR "C" EQUIPMENT SUPPORT FOUNDATION BARGE HAUL SYSTEM GENERAL ARRANGEMENT BARGE HAUL SYSTEM SECTIONS & DETAILS BARGE HAUL SYSTEM HYDRAULIC SCHEMATIC
1723-E1 1723-E2 1723-E3 1723-E4 1723-E4A 1723-E5 1723-E5A 1723-E6 1723-E6A	ELECTRICAL SITE PLAN ENLARGED ELECTRICAL SITE PLAN ELECTRICAL SITE PLAN SECTIONS & DETAILS NEW ELECTRICAL AC-ONE LINE DIAGRAM EXISTING ELECTRICAL AC-ONE LINE DIAGRAM NEW PANELBOARD & FEEDER SCHEDULE EXISTING PANELBOARD & FEEDER SCHEDULE NEW MCC SCHEDULE & LAYOUT EXISTING MCC SCHEDULE & LAYOUT

Drawing No.	Drawing Title
1723-E7 1723-E8 1723-E9 1723-E10 1723-E11 1723-E12 1723-E13 1723-E14 1723-E15 1723-E16 1723-E17 1723-E18 1723-E19 1723-E20 1723-E21 1723-E22 1723-E23	CONTROL CONDUCTOR SCHEDULE ELECTRICAL BUILDING LAYOUT BARGE LOADOUT OPERATORS CONTROL CAB CONVEYOR "A" CABLE TRAY LAYOUT CONVEYOR "A" ELECTRICAL LAYOUT CONVEYOR "B" CABLE TRAY LAYOUT CONVEYOR "B" ELECTRICAL LAYOUT CONVEYOR "C" CABLE TRAY PARTIAL PLAN CONVEYOR "C" CABLE TRAY PARTIAL PLAN CONVEYOR "C" CABLE TRAY PARTIAL PLAN CONVEYOR "C" PLANS & ELEVATIONS CONVEYOR "C" PARTIAL PLANS OPERATORS CAB SUPPORT STRUCTURE CABLE TRAY LAYOUT OPERATORS CAB SUPPORT STRUCTURE ELECTRICAL LAYOUT BARGE HAULING SYSTEM ELECTRICAL ARRANGEMENT OPERATORS CHAIR CONTROL CONSOLE "TS" BLDG INTERFACE SECTIONS AND DETAILS

**McDUFFIE TERMINAL 2007/08 EXPANSION PACKAGE 1 YARD 4 RECLAIM HOPPERS (2008)**

Drawing No.	Drawing Title
1876-G3 1876-G4	LOCATION PLAN HOPPER GENERAL ARRANGEMENT

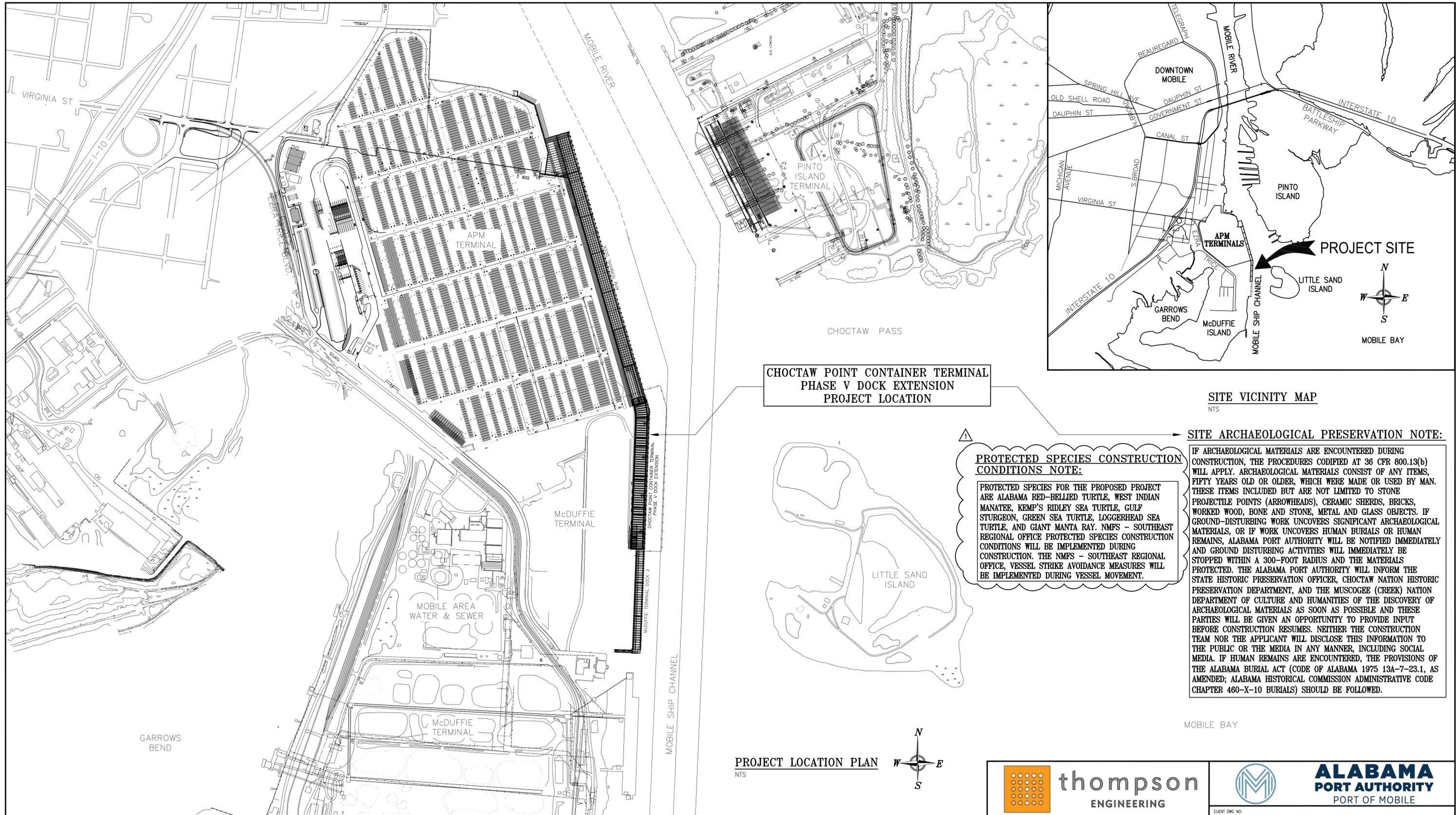
**McDUFFIE TERMINAL YARD 4 STACKER (1996)**

Drawing No.	Drawing Title
886-0 886-C1	COVER SHEET GENERAL NOTES, DRAWING LIST
886-A1 886-A2	GENERAL ARRANGEMENT GANTRY TRUCK ARRANGEMENT
886-B1 886-B2 886-B3 886-B4	STACKER BOOM PLANS AND ELEVATIONS STACKER BOOM FRAMING DETAILS STACKER BOOM FRAMING DETAILS STACKER BOOM FRAMING DETAILS
886-S1 886-S2 886-S3 886-S4 886-S5 886-S6 886-S7 886-S8 886-S9 886-S10 886-S11 886-S12 886-S13	STACKER TOWER ELEVATIONS STACKER TOWER ELEVATIONS STACKER TOWER PLANS STACKER TOWER PLANS AND DETAILS STACKER TOWER DETAILS STACKER TOWER DETAILS STACKER TOWER DETAILS STACKER TOWER DETAILS STACKER TOWER DRIVE TRUCKS S9-1 AND S9-2 STACKER TOWER DRIVE TRUCKS S10-1 AND S10-2 STACKER TOWER DRIVE TRUCKS S11-1 AND S11-4 STACKER TOWER DRIVE TRUCK EQUALIZER BEAM STANDARD STRUCTURAL DETAILS
886-T1 886-T2 886-T3 886-T4 886-T5 886-T6 886-T7 886-T8	TRIPPER ELEVATION AND PLAN TRIPPER SECTIONS TRIPPER DETAILS TRIPPER DETAILS TRIPPER DETAILS TRIPPER TRUCKS ELECTRICAL ROOM PLAN AND ELEVATION ELECTRICAL ROOM DETAILS
886-M1 886-M2 886-M3 886-M4 886-M5	STACKER TRIPPER CONVEYOR PROFILE STACKER BOOM CONVEYOR PROFILE MECHANICAL DETAILS MECHANICAL DETAILS BOOM HOIST ARRANGEMENT AND DETAILS
886-E1 886-E2 886-E3 886-E4 886-E5 886-E6 886-E7 886-E8	ELECTRICAL GENERAL ARRANGEMENT STACKER ELECTRICAL DIAGRAM ELECTRICAL CONTROL ROOM PLANS STACKER TOWER ELECTRICAL PLANS STACKER TOWER ELECTRICAL PLANS STACKER TOWER ELECTRICAL PLANS GANTRY DRIVE TRUCK ELECTRICAL PLAN ELECTRICAL CONTROL PLANS

**DRAWING INDEX**

Drawing No.	Drawing Title
4617-G1	PROJECT COVER SHEET
4617-G2	GENERAL NOTES & DRAWING INDEX
4617-D1	EROSION AND SEDIMENT CONTROL NOTES
4617-D2	CONSTRUCTION DETAILS 1 OF 4
4617-D3	CONSTRUCTION DETAILS 2 OF 4
4617-D4	CONSTRUCTION DETAILS 3 OF 4
4617-D5	CONSTRUCTION DETAILS 4 OF 4
4617-D6	EXISTING SITE PLAN
4617-D7	EXISTING SITE PLAN - AERIAL OVERLAY
4617-D8	DEMOLITION PLAN - EXISTING BUILDINGS
4617-D9	DEMOLITION PLAN - DRAINAGE STRUCTURES
4617-D9A	DEMOLITION PLAN
4617-D10	ENLARGED PLAN - CONVEYOR A/B DRIVE STRUCTURES
4617-D11	ELEVATIONS - TAKE UP/DRIVE STRUCTURE
4617-D12	MISC. REFERENCE SECTIONS & DETAILS
4617-D13	ENLARGED PLAN - CONVEYOR "C"
4617-D14	ENLARGED PLAN - BARGE LOADOUT
4617-D15	ELEVATION - CONVEYOR "C" AND BARGE LOADOUT
4617-D16	ENLARGED PLAN - SHORELINE SHEET PILE WALL
4617-D17	SUBSTATION BUILDING
4617-D18	SUBSTATION BUILDING-EXISTING PILE DETAILS
4617-D19	SUBSTATION EXISTING FOUNDATION PLAN & SECTIONS
4617-D20	SUBSTATION ROOF FRAMING PLAN & SECTIONS
4617-D21	SUBSTATION FLOOR PLAN, DOOR SCHEDULE, & DETAILS
4617-D22	SUBSTATION EXTERIOR ELEVATIONS & MISC. DETAILS
4617-D23	SUBSTATION ELECTRICAL BLDG LAYOUT

**NOTE: TO BE FINALIZED AT FINAL SUBMISSION**



**CHOCTAW POINT CONTAINER TERMINAL  
PHASE V DOCK EXTENSION  
PROJECT LOCATION**

**SITE VICINITY MAP**  
NTS

**SITE ARCHAEOLOGICAL PRESERVATION NOTE:**

**PROTECTED SPECIES CONSTRUCTION  
CONDITIONS NOTE:**

PROTECTED SPECIES FOR THE PROPOSED PROJECT ARE ALABAMA RED-BELLIED TURTLE, WEST INDIAN MANATEE, KEMP'S RIDLEY SEA TURTLE, GULF STURGEON, GREEN SEA TURTLE, LOGGERHEAD SEA TURTLE, AND GIANT MANTA RAY. NMFS - SOUTHEAST REGIONAL OFFICE PROTECTED SPECIES CONSTRUCTION CONDITIONS WILL BE IMPLEMENTED DURING CONSTRUCTION. THE NMFS - SOUTHEAST REGIONAL OFFICE, VESSEL STRIKE AVOIDANCE MEASURES WILL BE IMPLEMENTED DURING VESSEL MOVEMENT.

IF ARCHAEOLOGICAL MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE PROCEDURES CODIFIED AT 36 CFR 800.13(b) WILL APPLY. ARCHAEOLOGICAL MATERIALS CONSIST OF ANY ITEMS, FIFTY YEARS OLD OR OLDER, WHICH WERE MADE OR USED BY MAN. THESE ITEMS INCLUDED BUT ARE NOT LIMITED TO STONE PROJECTILE POINTS (ARROWHEADS), CERAMIC SHERDS, BRICKS, WORKED WOOD, BONE AND STONE, METAL AND GLASS OBJECTS. IF GROUND-DISTURBING WORK UNCOVERS SIGNIFICANT ARCHAEOLOGICAL MATERIALS, OR IF WORK UNCOVERS HUMAN BURIALS OR HUMAN REMAINS, ALABAMA PORT AUTHORITY WILL BE NOTIFIED IMMEDIATELY AND GROUND DISTURBING ACTIVITIES WILL IMMEDIATELY BE STOPPED WITHIN A 300-FOOT RADIUS AND THE MATERIALS PROTECTED. THE ALABAMA PORT AUTHORITY WILL INFORM THE STATE HISTORIC PRESERVATION OFFICER, CHOCTAW NATION HISTORIC PRESERVATION DEPARTMENT, AND THE MUSCOGEE (CREEK) NATION DEPARTMENT OF CULTURE AND HUMANITIES OF THE DISCOVERY OF ARCHAEOLOGICAL MATERIALS AS SOON AS POSSIBLE AND THESE PARTIES WILL BE GIVEN AN OPPORTUNITY TO PROVIDE INPUT BEFORE CONSTRUCTION RESUMES. NEITHER THE CONSTRUCTION TEAM NOR THE APPLICANT WILL DISCLOSE THIS INFORMATION TO THE PUBLIC OR THE MEDIA IN ANY MANNER, INCLUDING SOCIAL MEDIA. IF HUMAN REMAINS ARE ENCOUNTERED, THE PROVISIONS OF THE ALABAMA BURIAL ACT (CODE OF ALABAMA 1975 13A-7-23.1, AS AMENDED; ALABAMA HISTORICAL COMMISSION ADMINISTRATIVE CODE CHAPTER 460-X-10 BURIALS) SHOULD BE FOLLOWED.

**PROJECT LOCATION PLAN**  
NTS



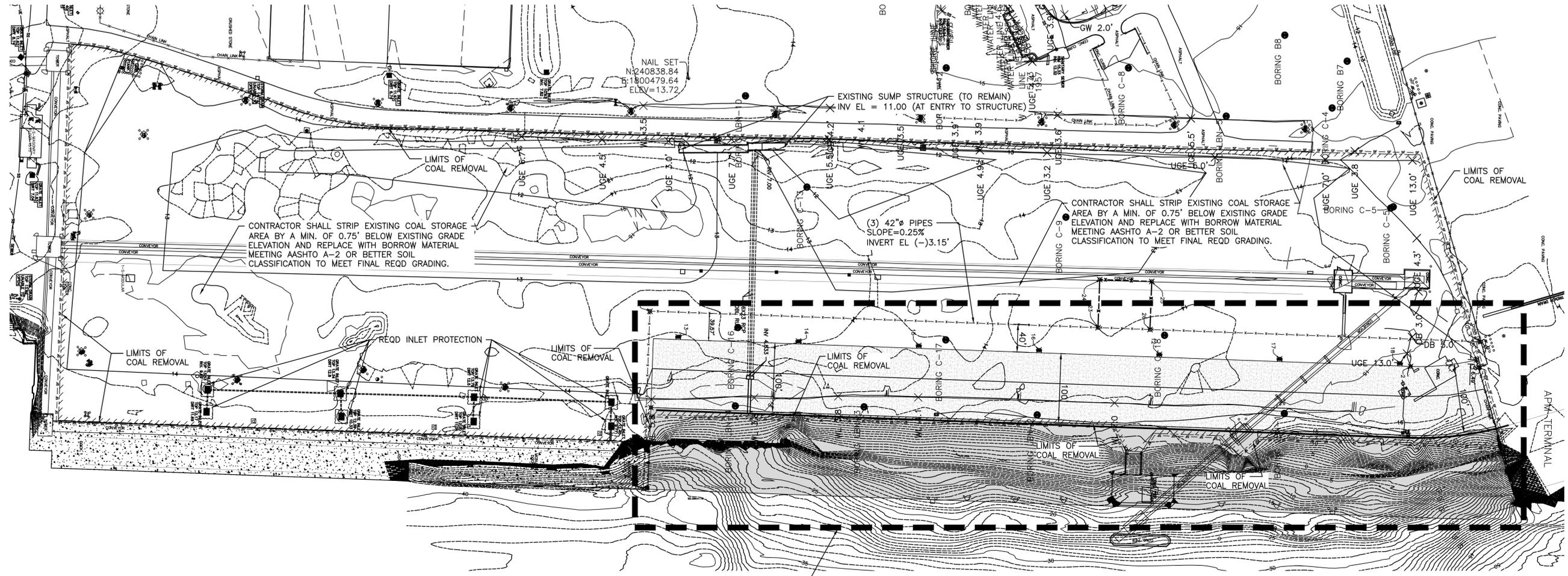
NOTES
1. SEE DRAWING G2 FOR PROJECT GENERAL NOTES, SURVEY NOTES & DRAWING INDEX.

NO.	REVISION	DATE	APPD	CK'D	DRAWN	RSG	MED	ECW
F	ADDED NOTE	03-02-26				RSG	MED	ECW
E	ISSUED FOR BID	01-14-26				RSG	MED	RST
D	100% DESIGN REVIEW	09-09-25				RSG	MED	RST
C	95% DESIGN REVIEW	08-08-25				RSG	MED	RST
B	60% DESIGN REVIEW	6-10-25				RSG	MED	RST
A	30% DESIGN REVIEW	04-11-25				RSG	MED	RST

**APTIM**  
PORT SERVICES, LLC

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CLIENT DWG NO:	
CHOCTAW POINT CONTAINER TERMINAL PHASE V DOCK EXTENSION PROJECT LOCATION PLAN & SITE VICINITY MAP	
FOR: ALABAMA PORT AUTHORITY	
PROJECT NO: 4617	DWG NO: G3
REVISION: F	

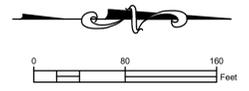


REFER TO SHEETS BG6 AND BG7 FOR GRADING AND DRAINAGE PLANS FOR THIS AREA

- EXISTING COAL STORAGE YARD GRADING:**
- IT IS ANTICIPATED THAT THE EXISTING COAL STORAGE YARD HAS APPROXIMATELY 0.75' THICK LAYER OF COAL MATERIAL WHICH WILL NEED TO BE REMOVED AND DISPOSED OFFSITE.
  - WHERE COAL MATERIAL LAYER EXCAVATION EXTEND BELOW FINISH GRADE ELEVATIONS, THE CONTRACTOR SHALL BACKFILL WITH AASHTO A-2 OR BETTER STRUCTURAL FILL MATERIAL COMPACTED TO A MINIMUM 95% COMPACTION IN ACCORDANCE WITH ASTM D698.
  - ALL AREAS WILL RECEIVE A MINIMUM OF 2" OF TOPSOIL PRIOR TO BEING SEEDED AND MULCHED.

**LEGEND**

-  PROPOSED DOCK
-  PROPOSED CONCRETE PAVEMENT
-  LIMITS OF COAL REMOVAL (SEE NOTES)
- 



CHOCTAW POINT CONTAINER TERMINAL  
 PHASE V DOCK EXTENSION – BACKLAND TRANSIT  
 STORAGE YARD GRADING PLAN

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FOR: ALABAMA PORT AUTHORITY

NO.	REVISION	DRAWN	CK'D	APPD	DATE
F	ADDENDUM 1 – ADDED LIMITS OF COAL REMOVAL & CHANGED EXISTING COAL LAYER REMOVAL THICKNESS TO 0.75"	RST	MED	RSG	3/4/26
E	ISSUED FOR BID	KR	FEL	FEL	1/14/26
D	100% DESIGN REVIEW	KR	FEL	FEL	9/09/25
C	95% DESIGN REVIEW	KR	FEL	FEL	8/06/25
B	60% DESIGN REVIEW	KR	FEL	FEL	5/30/25
A	30% DESIGN REVIEW	KR	FEL	FEL	4/11/25
	REFERENCE DRAWINGS				

PROJECT NO: 4617 DWG NO: BG5 REV: F

## 11411- Task 6 - Choctaw Point Container Terminal – Phase V Dock Extension

### Contractor Questions

1. Is Spec Section 265600 Perimeter and High-Mast Lighting not relevant to this project? Drawing No. E10 shows a Temporary Dock Lighting Pole Detail, which includes a 60' Class 3 Penta Treated Pole. In addition, Pay Item 32o only includes Temporary Light Poles (7 Each). Please advise.
  - Provide only Temporary Light Poles for this Project. Perimeter and High-Mast Lighting are not part of this Project.
2. Pay Item 31a 30 MVA, 22.9 kV Main Switchgear includes a quantity of 2 Each. Drawing Nos. E3, E5, and E7 show (1) 22.9 kV South Main Distribution Switchgear with a Tie Breaker between the (2) sections. This is essentially (1) piece of gear. Should the Bid Item quantity for 31a be 1 Each? Please advise.
  - The 22.9kV Main Switchgear is expected to have a total capacity of 60MVA. Two separate 30MVA sections with one on each side of the Tie Breaker.
3. Pay Item 32l includes a 15 kVA, 13.2 kV-480/277V Transformer (1 Each). Drawing No. E10 shows a 300 kVA, 13.2 kV-480/277V Transformer. Is the Transformer to be 15 kVA or 300 kVA? Please advise.
  - The Transformer is to be 300kVA.
4. Pay Item 32m includes a 15 kV-600A Fused Safety Disconnect (1 Each). Drawing No. E10 shows a 15 kV 100A fused Safety Disconnect. Is the Disconnect to be 100A or 600A? Please advise.
  - 100A Safety Disconnect Switch Rating with 20A Fuses.
5. Pay Item 32a includes 13.2 kV Trayer Switches (4 Each). Drawing Nos. E4, E6, and E9 show (2) Trayer Switches and (2) Pull Boxes for future. Item Number 3 on Drawing No. E1, under Electrical General Scope of Work, states that the Contractor shall procure, provide, and install (2) new Trayer MV Switches. Is the contractor to procure, provide, and install (2) or (4) Trayer MV Switches? Please advise.
  - Install two (2) Trayer Switches and two (2) Pull Boxes.

6. Does every Temporary Light Pole (7 Total) need a Fiber Optic Feed and a Camera Power Feed, as shown on Drawing No. E10 Riser Diagram? **Yes**. If so, which Pay Item should this scope of work be included under? **32g**. Also, it's our assumption that the communications fiber optic cabling & terminations are by others? Please advise. **Communications Fiber and Terminations By APM (See Dwg. E1 Scope of Work Notes 7 and 8). Contractor provides Communications Conduits for Fiber.**
  
7. Item Numbers 11.3 & 11.4 on Drawing No. E1, under General Notes, states that exposed conduit & fittings shall be Rigid Galvanized Steel. The General Notes do not mention PVC Coated Conduit. **See Spec Section 260500, Basic Materials and Methods, Section 1.1 "The most stringent method to be used"**. Spec Section 260500, Section 4.1 Rigid Metal Conduit (RMC), states that RMC shall be PVC coated inside and outside for all areas subject to direct exposure including all areas under Dock or Wharf. Does all RMC conduit located outdoors need to be PVC coated? **No**. Please advise. **Not all areas require PVC coated conduits. Use PVC Coated Conduits under Dock or Wharf.**
  
8. Item Number 11 on Drawing No. E1, under Electrical General Scope of work, states that (4) New STS Crane Vaults CR07, CR08, CR09, and CR10 shall be installed. Is the Contractor also procuring and providing the Crane Vaults, or are they being procured and provided by the owner? Please advise.
  - **The Contractor is responsible for procuring and providing the Crane Vaults CR07 thru CR10.**
  
9. Who is procuring, providing, and installing the Cable Drums and Cable Horns? Please advise.
  - **Contractor is responsible for procuring and providing the Cable Drums and Cable Horns.**
  
10. Who is procuring, providing, and installing the Panzerbelt System? **Contractor**. It is listed in the Electrical Specifications, but it appears to be a Structural Item and not an Electrical Item. Also, are the Panzerbelt System costs to be included under Pay Item 23 Cable Protection System? **Yes**. Please advise.
  
11. Pay Item 16a. Landside Crane Rail Beam and Pile Cap - 3,375 CY. Please confirm pay item quantity of 3,375 CY and clarify if the following structures are included on this pay item: combination wall king pile head plugs, pile cap, stem wall and landside wall like beam. Please provide estimated concrete quantity breakdown per

structure. Our take off is giving us a considerable higher quantity than the provided bid quantity.

- Revised total for Pay Item 16a – 4,812 CY inclusive of king pile plugs, pile cap and landside crane rail beam.

12. Pay Item 16a. Landside Crane Rail Beam and Pile Cap - 3,375 CY. Please confirm if widened concrete sections required for tie downs and pin pockets have been included in this pay item.

- Yes.

13. Pay Item 16e. Deck WS of WS Rail & Fender Haunch - 2,737 CY. Please provide estimated concrete quantity breakdown per structure included on this pay item.

- Revised total for Pay Item 16e – 2,858 CY consisting of concrete waterside of the waterside crane rail beam.

14. Pay Item 16k. Area Paving North Dock Tie In - 213 CY. Please confirm this pay item includes existing cap repairs, CIP slab on grade, #57 crushed limestone and new structural fill per Drawings S53-S57A. We have estimated 288 cy of concrete for the CIP slab on grade.

- Revised total for Pay Item 16k – 295 CY. Pay item includes the CIP slab on grade, crushed limestone and structural fill. The existing structural fill removed can be stored and re-installed.

15. Drawings E2 and E2A. Please confirm only 3 each future Shore Power Vaults are required. These drawings are showing 5 each icons representing the Shore Power Vaults.

- Correct. Only 3 future Shore Power Vaults are required.

16. Pay Item 23. Cable Protection System - 1 LS. Please confirm the cost to furnish and install the 5" diameter PVC RGS conduit (cable horn piping) for the future crane cable is included on this pay item.

- The PVC RGS conduit is an ancillary item and no separate pay item has been created for this item.

17. Pay Item 17. Crane Rail System - 2,600 LF. Please confirm crane rail, tie downs, pin pockets, crane stops, cable trench, and electrical grounding, are included on this pay item.

- The intent of pay item 17 is for the crane rail system comprising of the rail, rail clips, shim plate, sole plate, epoxy grout and anchor bolts. Many of the items listed in this comment are ancillary items and no separate pay item has been created for them.

18. Please provide details to the slurry pits to be removed.

- All details are in the Dock 4 demolition reference drawings provided.

19. The Contractor is required to remove and stockpile/store numerous demolished items for the Owner as directed by APA personnel. How far from the project site are these items to be transported?

- The items will be stockpile/stored within the McDuffie Coal Terminal

20. The plans call for coal removal within the existing Coal Storage Yard; however, the provided cross sections do not extend across the full coal removal limits and do not depict the proposed design/finished elevations for the entire yard area. Please provide supplemental sections that fully define the coal removal extent and the proposed final grades throughout the Coal Storage Yard.

- See attached drawing redline for coal removal limits and proposed final grades. The final grades are shown on drawing BG5 as solid contour lines. Note that the coal removal requirement is changing from 1.5' to 0.75'.

21. The plans indicate utilities routed to the dock; however, the cross sections/details do not show how these utilities pass through or beneath the adjacent concrete paving area. Please provide the required sections/details to define the utility/pavement interface.

- Refer to drawing U2 for water piping and section R on drawing E18 for electrical duct bank.

22. The contract documents do not explicitly state whether foam deck flute fillers are an approved component of the long span metal deck system. Please confirm whether foam flute fillers are permitted.

- The use of a flute filler is permitted.

23. In the table titled "Steel Pipe King Pile and Sheet Pile Schedule" on Drawing S7, Wall No. 2 sheet piles are NZ42 at 90 ft long. However, Drawing S10, Note 8 identifies Wall No. 2 sheet piles as NZ19 at 80 ft long. Which is correct?

- Drawing S7 is correct.

24. Wall No. 2 on Drawing S6A shows 9 pairs of NZ42 while Drawing S7 shows 9.5 pairs. Which is correct?

- Drawing S6A dimensions 9 pairs and an additional piece is required for the tie-in. Thus, drawing S7 indicates 9.5 pairs which accounts for the tie in piece.

25. Per Section 31 62 16.4.2, the steel sheet piles and pipe piles are specified to receive a coal tar epoxy coating. Please confirm whether a zinc-based primer is also required prior to application or if the coal tar epoxy is to be applied directly to properly prepared bare steel.

- A zinc based primer is not required.

26. Please advise if the prebid meeting presentation and the sign-up sheet can be provided?

- It will be provided in Addendum 1.

27. Please confirm that contractors are to purchase all permanent 30-inch and 24-inch concrete piles ONLY after the test results from the two static load tests have been submitted to the Engineer and final lengths are provided by the Engineer based on these load test results.

- Confirmed.

28. Please confirm that achieving the final mudline elevation shown on Dwg. No.: G6 and G8 (Final Cut EL of -50.48' in front of the dock) under the new dock is NOT part of this contract.

- Confirmed. No dredging is required in this contract.

29. Project documents require the shore protection riprap to be removed and stored on Alabama Port Authority Property. Please confirm if the miscellaneous items mixed in with the riprap like concrete blocks, driftwood etc. are also to be stored at the same location.

- No. Only the rip rap is to be stored on Alabama Port Authority property and other material and debris is to be disposed off site by the contractor.

30. Clarify if there are any restrictions on the country of origin applicable to the bollards, fenders, steel materials (sheet piles, king piles, tie rods).

- No restrictions.

31. Clarify coating requirements for bollards.

- Refer to the revised miscellaneous metal specification included in this addendum.

32. Clarify if Buy America(n) is applicable to this project.

- It is not applicable.

33. Clarify if prevailing wage tables are applicable to this project.

- They are not applicable.

34. Drawing S30. Water Station - Sections and Details. Confirm the dimensions of the hatch, the frame type (any water resistance required) and if there are any particular load rating requirements.

- Dimensions are confirmed and refer to the revised miscellaneous metal specification included in this addendum for additional information.

35. Pay Item 23. Cable Protection System - 1 LS. Confirm this pay item should be used for the cost of furnish and install cable trench per Drawing S22 Detail 5.

- Confirmed.