

DOCUMENT 00910

**ADDENDA****CONTRACT NUMBER 11-17-1  
PORT OF STOCKTON  
DOCK 12/13 REHABILITATION PROJECT**

ADDENDUM NO. 1

June 12, 2018

This Addendum No. 1 (“**Addendum**”) is dated the date set forth above and modifies certain Bidding Documents issued by the Port of Stockton (“**Port**”) in connection with the Port’s Dock 12/13 Rehabilitation Project, Contract No. 11-17-1. All capitalized terms not otherwise defined herein shall have the meanings provided in the Bidding Documents. There are no other amendments to the Bidding Documents other than those which are expressly contained in this Addendum.

**DIRECTIVES:**

1. Replace *Document 01100, Attachment A, Special Provisions*, with revised version attached to this Addendum 1.

**QUESTIONS:**

1. We have downloaded all of the documents for the Port of Stockton's Dock-12-13-Rehabilitation-Project from the Port's website. The Project Manual appears to only provide the General Conditions. Where may we find the Technical Specifications?

**ANSWER:** They are in section 1100-A.

2. Reference is made to Contract Drawing Sheet S-22 - 8' DIA PILE DETAILS and to the requirement for C6X 8.5 Internal Radius Channel. Please confirm that this C6X 8.5 Internal Radius Channel will be installed by the Owner Furnished Mono Pile Supplier and that the Contractor is NOT required to perform this work in the field.

If the Contractor is required to perform this welding in the field, please provide a more specific detail of the weld that is required.

If the Contractor is required to perform this welding, would an alternative strengthening application be acceptable?

**ANSWER:** Internal radius Channel shown on sheet S-22, or other stiffener, will be installed by the Port prior to contractor mobilization. Contractor will not be responsible for channel.

3. Will the 3-120-foot-long mono piles and the 67- 100 foot “H” pile be furnished full length? That is - will these long pile each be furnished in one piece, or will the installing Contractor be required to weld sections together? If the installing Contractor is to weld these units together, in what lengths will these pile be furnished? Furnishing these materials to a location within 1,000 feet of the site will require specialize handling - would it be possible to have them offloaded adjacent to the new installation sites?

**ANSWER:** Piles will be furnished full lengths. 3-8'diameter 1" thick piles will be 120' long. 67-"H14X73" H pile will be 100' long.

4. This is our request to learn what the engineer’s estimate on the project might be. Alternatively, please let us know what the Port’s governing body approved as an expenditure range for the project.

**ANSWER:** No engineer’s estimate provided. The budget approved by the Board of Port Commissioners is \$5.25 million.

5. Is the 830 foot dock a floating dock?

**ANSWER:** No, 830 foot dock is not a floating dock.

6. Will the owner furnished piles, 120' long mono piles and 100' long H-piles, to be provided in full lengths?

**ANSWER:** Piles will be full length. 120' for the 8' mono piles and 100' for the H piles.

7. Will the delivery location of the owner furnished piles be accessible by barge or truck?

**ANSWER:** Piles will be placed at port dock edge for loading on barge or truck.

8. Can the Port provide drawings of the existing pier as well as estimated quantities of piles and timber to allow the contractor to make an accurate assessment of the demolition scope?

**ANSWER:** We have no drawings of the existing pier. The existing pier pile are shown on sheet C-5 and C-6 All piles are to be removed but for the one under the Existing Dolphin 3,4,7,8 and the conveyor dolphin. There are 285- 14" diameter piles to be removed.

9. Can the Port provide detail drawings of the existing bumpers/fenders that are to be reinstalled?

**ANSWER:** All existing Dolphins will not need to have bumpers/fenders removed. Existing dolphins will no longer need concrete extension that would require bumpers to be removed. The added epoxied rebar and concrete will not be needed to extend the bumpers. Existing dolphins 3 and 4 will still be raised with concrete.

10. Can the Port provide contract drawings in a non-scanned format, i.e. direct print to PDF, for better sharpness?

**ANSWER:** The clear, non-scan, drawings are on the web site labeled 'Draft Dock 12-13 drawings 5/31/2018 for Plotting.'

11. Please verify there are 9 anchor bolts per bollard/cleat and not 8.

**ANSWER:** New Bollard/ cleat require 9 anchor bolts each.

12. Please confirm that the C-channels welded inside the monopiles will be installed by others prior to possession by the contractor.

**ANSWER:** The C-channels welded inside the monopiles will be installed by the Port prior to August 1, 2018.

13. Please confirm the elevations given are in NAVD 88 in relation to Mean Low Low Water and if not, please provide elevations based on this datum.

**ANSWER:** Elevations are based off of NAVD 29.

14. Please consider raising the elevation of the catwalk bottom cross beams. As the installation of these requires significant fit up and field welding, there will be insufficient low tide periods to accomplish this work at this elevation, unless it is the intent to weld these underwater.

**ANSWER:** All beams and stiffeners will be raised to elevation 3.6'. Bottom of W12x53 will be just above MHW at 3.6'.

15. Are the monopiles filled with concrete? If not, is it correct to assume that the elevation of concrete inside the monopile is the same as the dolphin cap soffit elevation (elevation 9.3)?

**ANSWER:** Mono pile are not filled. They will be left with the soil and water in the pile during driving.

16. What is the significance of the pour joint on the dolphin deck? If it is to accommodate the beam bearing only, will the port allow this to be poured monolithically with a form blockout?

**ANSWER:** Contractor may pour monolithically.

17. The matchline on sheet C-1 appears to be in error.

**ANSWER:** The match line is in the correct spot but the stationing is incorrect. Thank you.

18. What is the catenary height of the overhead power lines near ED 11?

**ANSWER:** See attached Drawing SA-298 - Stockton A #1 60KV / A 1101 12KV

**ATTACHMENTS:**

- Document 01100, Attachment A, Special Provisions, Revised
- Drawing SA-298 - Stockton A #1 60KV / A 1101 12KV

**ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM NO. 1 FOR THE PORT OF STOCKTON'S  
Dock 12/13 Rehabilitation Project – Contract No. 11-17-1.**

Please sign and return. FAX a copy of this page to Juan G. Villanueva, Development & Planning Manager, Port of Stockton, at (209) 465-7244 to acknowledge receipt of Addendum No. 1 for this Project consisting of 12 pages.

x _____ Signature	_____ Date
_____ Print Name	_____ Company Name

END OF DOCUMENT

## **SPECIAL PROVISIONS**

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### **DESCRIPTION OF WORK**

The project consists of the installation of three 8-foot diameter monopile dolphins at the Port of Stockton. The improvements will be located at the northwest corner of the main Port of Stockton facility, also known as the "Dock 12 and 13." The improvements include installing three 8-foot diameter x 120-foot-long monopiles (1" wall thickness). The improvements will include construction of a 4-foot-thick concrete deck (approximately 16' x 16') on top of each 8-foot diameter pile. Sixty-seven "H14x76" piles will be installed for bents to support a new 103-foot-long catwalk, 830 foot long dock and two 80 foot piers. Cross beams and decking beams will be cut to length and welded in the field. Metal grating, concrete decking, handrails, bull-rail and MEP's and LED strip lighting will be installed. The 3-120 foot long mono piles and the 67- 100 foot "H" piles will be owner furnished and contractor installed items. In-water pile, owner furnish, and contractor installed, will be delivered to the Port of Stockton and placed within 1000 feet of the site by August 1<sup>st</sup>, 2018. The work also includes the removal of the existing timber walkways and all timber piles between the shore and under the new catwalk, dock and piers. The project is expected to last two seasons over 325 working days.

The work to be done is shown on the following Plans:

Improvement Plans: Port of Stockton, Dock 12/13 Rehabilitation Project

Specifications: State of California – Department of Transportation  
City of Stockton

### **QUANTITIES**

The preliminary estimate of the quantities of work to be done and materials to be furnished as shown in the proposal are approximate only, being given as a basis for the comparison of bids. The Port of Stockton does not expressly or by implication agree that the actual amount of work will correspond therewith but reserves the right to increase or decrease the amount of any class or portion of the work or to omit portions of the work that may be deemed necessary or expedient by the Engineer.

Additions or deletions in the quantity of work, as set forth in these specifications and accompanying drawings for lump sum items may be ordered by the Engineer after the contract price has been adjusted accordingly to the satisfaction of both the Contractor and the Port of Stockton and they have been accepted in writing by the Engineer.

### **MATERIALS**

The Contractor shall furnish for use under these special provisions all materials required to complete the project but for the Port furnished in-water pile. Port will provide 3-120' mono piles 8', in diameter and 1" thick. Also 67- H14X76 piles 100' long and 5 bollard/cleats. Contractor to provide bolts for bollard/cleats.

Whenever any material is specified by name and/or number thereof, such reference shall be deemed to be used for the purpose of facilitating a description of the materials and establishing quality and shall be deemed and construed to be followed by the words, "or approved equal." No substitution will be permitted which has not been submitted ten (10) days prior to installation for approval by the Engineer. Sufficient description literature and/or samples must be furnished for any materials submitted as "equal" substitutes.

All materials shall be guaranteed for a period of one (1) year against material defects and workmanship.

### **SCHEDULING PROJECT WORK**

Prior to any work, the Contractor shall furnish the Engineer with a work progress schedule in writing delineating the anticipated work procedure. This schedule shall be kept current and the Engineer shall be notified in writing 48 hours in advance of any variation thereof. The Contractor shall also supply the Engineer with a telephone number or numbers where a duly authorized representative of the Contractor may be reached at any time.

Prior to construction, a conference with the Contractor and Engineer concerning the schedule, storm water pollution plan, traffic control, shipping access requirements and job safety shall be held.

### **CONSTRUCTION RIGHT-OF-WAY**

The Port of Stockton has acquired the necessary permits and agreements to perform the work within the area in which the improvements and appurtenances shall be located.

The Contractor shall make his own arrangements, and pay all expenses for additional area required by him outside of the limits of the project, unless otherwise provided in the Special Provisions.

### **CONSTRUCTION DETAILS:**

#### **EXISTING FACILITIES**

Protection of existing facilities shall conform to all the applicable provisions in Section 15 of the Standard Specifications and these Technical Specifications.

All known obstructions to the work are indicated on the attached plans. However, the Port cannot guarantee the accuracy of this information. The Contractor will be held responsible for the maintenance and protection of or damage of existing facilities, structures, obstructions, and all underground facilities shown on the plans or brought to the Contractor's attention during the contract.

The Contractor shall notify owner agencies for locations of utilities or facilities prior to excavation. Any damage, which is caused by the operations of the Contractor to any facility, utility, or structure, shall be immediately repaired by him to the satisfaction of the owning agency and the Engineer and no extra work or additional payment will be allowed or made for any repair of utilities, facilities, or structures damaged by the Contractor.

**SHIPPING OPERATIONS DURING CONSTRUCTION** Dock 12 and 13 will need to be kept open and dolphin bollards/cleats available to access and use at the greatest extent possible. Contractor may take one cleat out of service at a time or as allowed by the Port's representative.

Man access will need to be provided to all working dolphins and conveyor tower. Contractor is to build safe stairway with handrail on both sides to access the conveyor from Existing Dolphin 7 and 8 during the first phase of construction. Contractor shall re-direct water and power to maintain lighting, eyewash stations and water during construction. No shut downs may be planned 48 hours prior to ship arrival. Contractor may elect to provide (operated by contractor) a boom lift to deliver Port personnel to locations they have cut off access to. Note this may be at night. Access ladders, and boat may also be provided if approved by the Port.

**SUSPENSION OF WORK AND SHUT DOWNS** If contractor's forces are shut down due to Port shipping operations

without 48 hours of notification of the needed shutdown, the contractor's crew and on site equipment in use at the time of the shutdown will be paid on force account. A filled-out force account work ticket must be signed by a Port representative or no compensation will be granted. If the shut down causes a loss of work day on the critical path, contractor will provide updated CPM monthly to be reviewed and approved to grant additional working days.

**SAFETY OFFICER** The Contractor will provide a full time, on site, safety officer, for 325 working days, to coordinate with the Port's shipping tenants that use Dock 12 and 13. The safety officer will facilitate shutdowns and schedule work to reduce the impacts to the Ports shipping tenants. Safety officer will need to have an accepted resume and interview with the Port of Stockton. Minimum 5 years' experience being a safety officer is required.

### **DUST CONTROL AND WATERING**

Dust control and watering shall conform to the provisions in Section 10 and 17 of the Standard Specifications and these Technical Specifications.

At the request of the contractor, water for dust control and project construction will be furnished by the Port of Stockton without cost to the Contractor. Water is available from fire hydrants within the project area. Necessary precautions to prevent dust nuisance shall be taken during all phases of construction, on non-working days, and to final acceptance of the work.

Full compensation for furnishing watering equipment and applying water shall be considered as included in the price paid for the various contract items of work, and no additional compensation will be allowed therefor

### **ADJUSTING FRAMES AND COVERS TO GRADE**

Upon completion of placing the asphalt concrete, the Contractor shall be required to adjust all existing manhole frames, water valve frames, and miscellaneous facilities to within 1/8 inch of finished grade using new materials similar in character to those in the original structure. Raising devices may not be used without approval of the Engineer. Frames and covers broken or lost as a result of the Contractor's operations shall be replaced with new frames and covers conforming to the appropriate Standard Plan. Payment for adjusting manhole frames, water valve frames, and other miscellaneous facilities to grade shall be included in the contract price paid per the appropriate contract item and shall include full compensation for furnishing all labor, materials, adjusting facilities to grade, as shown on the plans and as specified under these Technical Specifications, and no additional compensation will be allowed therefore.

**AGGREGATE BASE** Aggregate base shall be class 2 and shall conform to the provisions in Section 26, "Aggregate Bases" of the Standards Specifications and these special provisions.

The aggregate shall be a maximum 3/4" size and graded per 26-1.02A of Standard Specifications and placed on a prepared subgrade at a specified depth as shown on the plans.

Aggregate bases shall be delivered in uniform mixtures and free from pockets of coarse or fine material. Where required thickness is 0.50 foot or less, the base may be spread and compacted in one layer. In areas where the thickness is more than 0.50 feet, the base material shall be spread and compacted in two (2) layers of approximately equal thickness. Each layer shall be spread and compacted in a similar manner. The finish surface of the base shall not vary more than 0.05 foot above or below the established grade.

The contract price paid per ton of aggregate base shall include full compensation for furnishing all labor, materials,

tools, and equipment for doing all work involved in placing and compacting the aggregate base as shown on the plans and as specified under the Standard Specifications and these special provisions, and no additional compensation will be allowed.

**EARTHWORK** Earthwork shall conform to the applicable provisions in Section 19 of the Standard Specifications and these special provisions. Excess material shall be removed from the site.

**CONCRETE** Concrete shall conform to Sections 40 and 90 of the standard specifications and the project plans. Concrete for the metal deck pans on the dock and piers to be 4000 psi light weight concrete. Structural concrete for footing, caps, dolphins will be 4000 psi standard concrete. Ramps and minor curbs may be 2500 psi standard concrete. All exposed concrete to have a heavy broom finish. Dock and pier to have control joints sawcut ½” x 1/8” wide at 7’ x 7’ centers. Dolphins do not require control joints. Ramps to have construction joint 20’ on center with control joints 10’ on center with 1 ½” deep x 1/4” wide sawcut lines. Sawcut to be filled with a Sikaflex Sikadur 31 Hi-Mod Gel or equal in all sawcut joints per manufactures’ s recommendation. Formwork and metal deck will have all joints sealed to prevent concrete from running into the water.

**REINFORCING** Rebar to be grade 60 type A615 in all location unless noted higher grade. Laps to be 48bd unless noted other wise.

**PILE DRIVING** Piles to be vibrated in to tip elevation if possible. Mono Pile tip elevation is -108’, Bent piles for catwalk, dock and pier is 50’ of embedment from existing mudline. Extra pile to be cut off and stored for future use if needed. All piles to have bubble curtain for acoustic attenuation when driven with an impact hammer. Pile driving will be halted for the day if 206dB peak is exceed on any pile monitoring at 10 meters or if accumulative SEL’s exceed 183 dB for listed species under 2 grams and 187 dB for listed species over 2 grams. Monitoring accumulative SEL’s will determined by the Port. Monitoring will be conducted by Port. Contractor to provide submittal on pile driving equipment to calculate energy of pile blows. If all bent piles can be vibrated to tip elevation a re-strike is required on every 5<sup>th</sup> pile to confirm bearing 72 hours after vibrating.

In water pile driving activities may only occur between July 1<sup>st</sup> and October 31<sup>st</sup> of any year. Work that is above the water may continue. Contractor to make all effort to not allow any debris or run off into the water.

**EPOXY** Epoxied reinforcing will be per the epoxy manufactures recommendations for bar size or as noted on the plans. Epoxy shall conform to Section 95 of the Standard Specifications and the project plans. Simpson Set 22x is an acceptable epoxy or equal.

**MOBILIZATION** Mobilization shall conform to the provisions in Section 11 of the Standard Specifications.

**CLEARING AND GRUBBING** Clearing and grubbing shall conform to the provisions in Section 16 of the Standard Specifications

**STEEL STRUCTURES** Steel erection shall be performed in a professional workman like manner. Field cutting and welding will be required. Measure will be required to prevent falling debris from falling into the water. All steel work shall conform to section 55 of the Standard Specifications.

**PAVEMENT MARKERS** Pavement Markers shall conform to the provisions in Section 85 of the Standard Specifications.



**WATER POLLUTION CONTROL** Water Pollution control shall conform to the provisions in Section 7-7-1.01G of the Standard Specification and these special provisions. The Contractor shall be responsible for the preparation and implementation of a Storm Water Pollution Prevention Plan (SWPPP) and the filing of any required notices to the State of California. The SWPPP shall be in conformance with the requirements of the State's Storm Water Pollution Prevention Plan and Water Pollution Control Program Preparation Manual, and the Construction Site Best Management Practices Manual.

The site is under 1 acre.

**WATER PIPE** Water pipe will be schedule 80 with solvent weld connections unless otherwise specified. Suspended pipe to be in compliance with manufactures recommendation for strapping and bracing. Anticipate supports at 5' on center with additional support at bends. Water lines to be pressurized at 200 psi for 2 hours without substantial pressure drop. Water line to be super chlorinated to 50 ppm flushed and then have bacteriological test. Paint water pipe with approved PVC coating with 2 coats for pipe not in conduit bay. Color Blue.

**ELECTRICAL CONDUIT** Conduit will be schedule 80 with solvent weld connection unless otherwise specified. Installation shall be in a professional manner. Suspended conduit to be in compliance with manufactures recommendation for strapping and bracing. Anticipate supports at 5' on center with additional support at each bends. Paint conduit with approved PVC coating with 2 coats for conduit not in conduit bay. Electrical conduit to be white. Data conduit to be white.

**PAINTING** Commercial exterior grade paints to be used and installed in a clean profession manner. Sherwin Williams Resilience Exterior Acrylic Latex is acceptable.

Semi-Gloss Finish for steel on Bullrail and Handrail.

1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer, B66-1310 Series (5.0-10.0 mils wet, 1.8-3.6 mils dry).

2nd Coat: S-W Metalatex Acrylic Semi-Gloss,

3rd Coat: S-W Metalatex Acrylic Semi-Gloss, B42 Series (4.0-11.0 mils wet, 1.5-4.0 mils dry per coat).

Other paints may be submitted that are equal. Handrail and Bull rail to be painted on land, touch up after welding is only permitted. Bullrail and Handrail color to be battle ship grey.

Paint for PVC piping: submit exterior paint system that will protect piping from UV and have a 10 year warranty.

**Eye Wash** Eye Wash should be stainless steel construction with head shower and have an eye wash with Stainless steel bowl. Shower activation with overhead pull down, eye wash activation with both hand push and foot pedal.

Bradley S19314SS16 Halo 316 Stainless Steel Eye-Face Wash, Foot Activation

Acceptable make: Bradley S19314SS16 halo 316 Stainless Steel Eye-Face Wash, Foot Activation with shower head or equal.

Acceptable manufactures: Bradley, Haws, Speakman or approved equal.

**Treated wood Waste** Piles and dock system contains creosote. Piles and dock system remove during demolition will need to be stored elevated on plastic tarps if left for more than 20 days, covered if rain is expected. Ship to a class 2 landfill at the contractors cost. Piles are expected to have 10 to

**Lighting** LED sealed light bars for exterior use. Possible product Omegalume 4000, 3' long Part number 4000-37-30-120-E12-SO or equal. Place lights 9 or 10' on center on mid rail or under top rail pointed at dock/pier.

**Structural Bolts** All bolts need to be stainless steel for corrosive environments.

**Metal Grating System** Grating to be 2' tall galvanized grating capable of 300lbs of foot load with span of 4'.

**Metal Decking System** Galvanized metal decking ASC Steel Deck, or equal, product Either 3WxH-36 composite deck or BHF-36 cellular composite deck with lightweight concrete (110pcf) seams crimped and use 3/8"x3" nelson studs welded to deck and beam. Edge flashing should be fasten at 18" O.C. or as required. Contractor is responsible to protect water from concrete falling or leaking into. Contractor to seal joints to prevent leaks into water.

Welded wire fabric for concrete decking is to be WWF of 6' x 6' W2.9 6 gage. End decking needs a 5'x5' angle welded to beams with 1/4" - 4" weld where metal decking requires support. End of decking on beams may have closure metal in lieu of angel iron where not structurally required.

**Dolphin Bollards** Dolphin Bollards/Cleats 5 each to be supplied by the Port of Stockton. Bollards to be made by MacElroy of Piscataway, N.J. 08855, type CSF-14. Contractor to install manufactures approved A307 steel 2.25" diameter all thread 30" long with 24" epoxied or poured in place with 6' x 6' x 3/4" plate washer. Contractor will need to provide 9 bolts and nuts per bollard/cleat for a total of 45 all-threads and nuts. Note poured in place will have an additional 3- 2 nuts per bolt.

**Dolphin Bumpers** Dolphin Bumpers will only be required at the new 3 dolphins 2 for each new dolphin. Existing dolphin bumpers to relocated by Port. New bumpers to be manufactures by Maritime International Inc. MCS 500mm high G3 rubber cell fenders 7'-6" wide 2' tall 1.25" thick black UHMW face pad attached to panel. Or equal. Contractor responsible for all embeds required per manufactures recommendations.

## **TRAFFIC CONTROL**

Traffic control shall conform to the applicable provisions in Section 12 of the Standard Specifications, the MUTCD California Supplement, and these Technical Specifications. The Contractor will be required to keep all residents and businesses notified of the work schedule as it affects their access. The roads shall remain open at all times. If the contractor anticipates a necessary road closure, he shall inform the Port of such 7 days in advance, receive Port permission and prepare a detour plan acceptable to the Port.

The Contractor shall be responsible for supplying, installing and maintaining such fences, barriers, lights, signs and flagging personnel as are necessary to give adequate warning to the public at all times that the road or street is under construction and of any dangerous conditions to be encountered as a result thereof.

All barricades to be used at night shall be reflectorized with "reflective sheeting" a minimum of fifty (50) square inches of reflective sheeting shall be used on each side of the barricade. Reflective-type paint will not be acceptable.

In water work may require Coast Guard approved solid red lights, non flashing, at night to indicate construction falsework or new work that encroaches into the river further than existing Dock. Barge work or storage will also need lighting.

All flagging personnel shall wear brilliant fluorescent red or orange jackets while flagging traffic.

## **ASPHALT CONCRETE**

Asphalt Concrete shall conform to the requirements in Section 39, "Asphalt Concrete," of the Standard Specifications and these Technical Specifications.

### **PAVEMENT REINFORCING FABRIC**

Paving Fabric shall conform to Section 96 of the Standard Specifications.

### **SURVEYING**

The Port will provide one set of survey stakes for the required work. It is the Contractor's responsibility to protect said survey markers. Additional survey work and re-staking of lost or destroyed survey markers will be done by the Port at the Contractor's expense.

### **CLEANUP**

This work shall consist of cleaning up of the site and facility.

Upon completion of the work, the Contractor shall clean the site of all debris and waste materials. All concrete edges of the walkways shall be backed with dirt and tamped in place. Disturbed or displaced plantings or other landscape elements shall be put back in place or replaced accordingly.

No measurement for separate payment shall be made for any of the work specified in this section, and all costs in accordance therewith shall be considered as included in the contract price for the item to which the work is pertinent.

### **FINISHING ROADWAY**

Finishing roadway shall conform to the provisions in Section 22 of the Standard Specifications and these Technical Specifications. Upon completion of the work, and prior to requesting final inspection, the work area shall be thoroughly cleaned of all rubbish, construction forms, stakes, excess material, and equipment, and all portions of the work shall be left in a neat and orderly condition. The final inspection will not be made until this has been accomplished.

Full compensation for finishing roadway shall be considered as included in the price paid for the various contract items of work requiring finishing, and no additional compensation will be allowed therefore.

### **TRAFFIC STRIPES AND PAVEMENT MARKINGS**

Materials for traffic stripes and pavement markings shall conform to the provisions in Section 84 of the Standard Specifications and shall be thermoplastic.

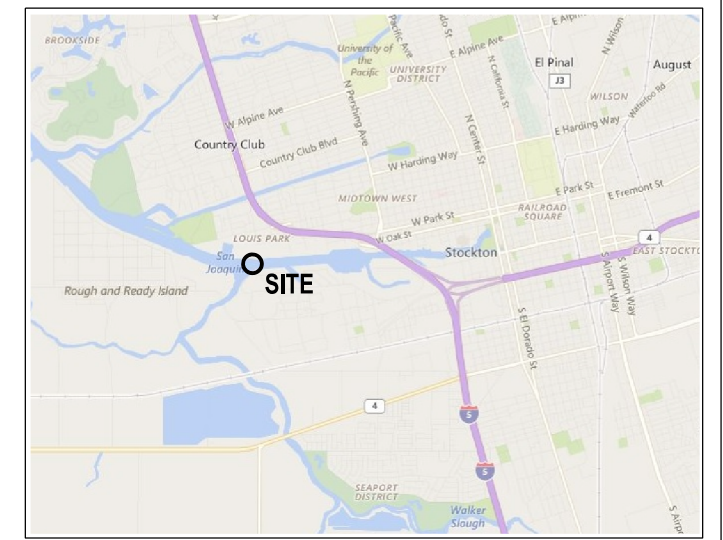
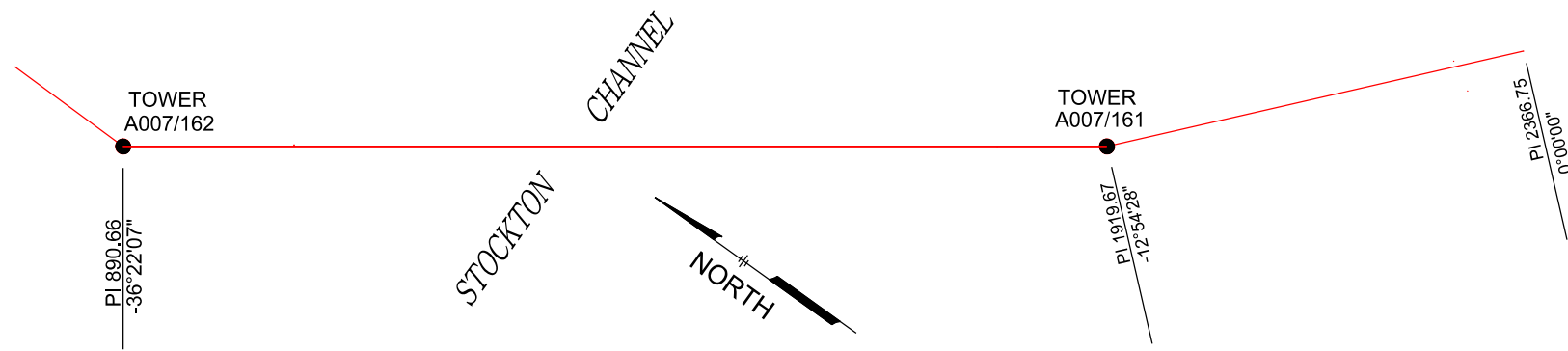
In the case where only a portion of a pavement marking is disrupted, the entire pavement marking element shall be replaced, including removal of existing markings if necessary.

The contract price paid for traffic stripes and pavement markings shall include full compensation for furnishing all labor, materials, tools, and equipment and for doing all the work involved in placing the stripes and markings as shown on the plans and as specified under these Technical Specifications.

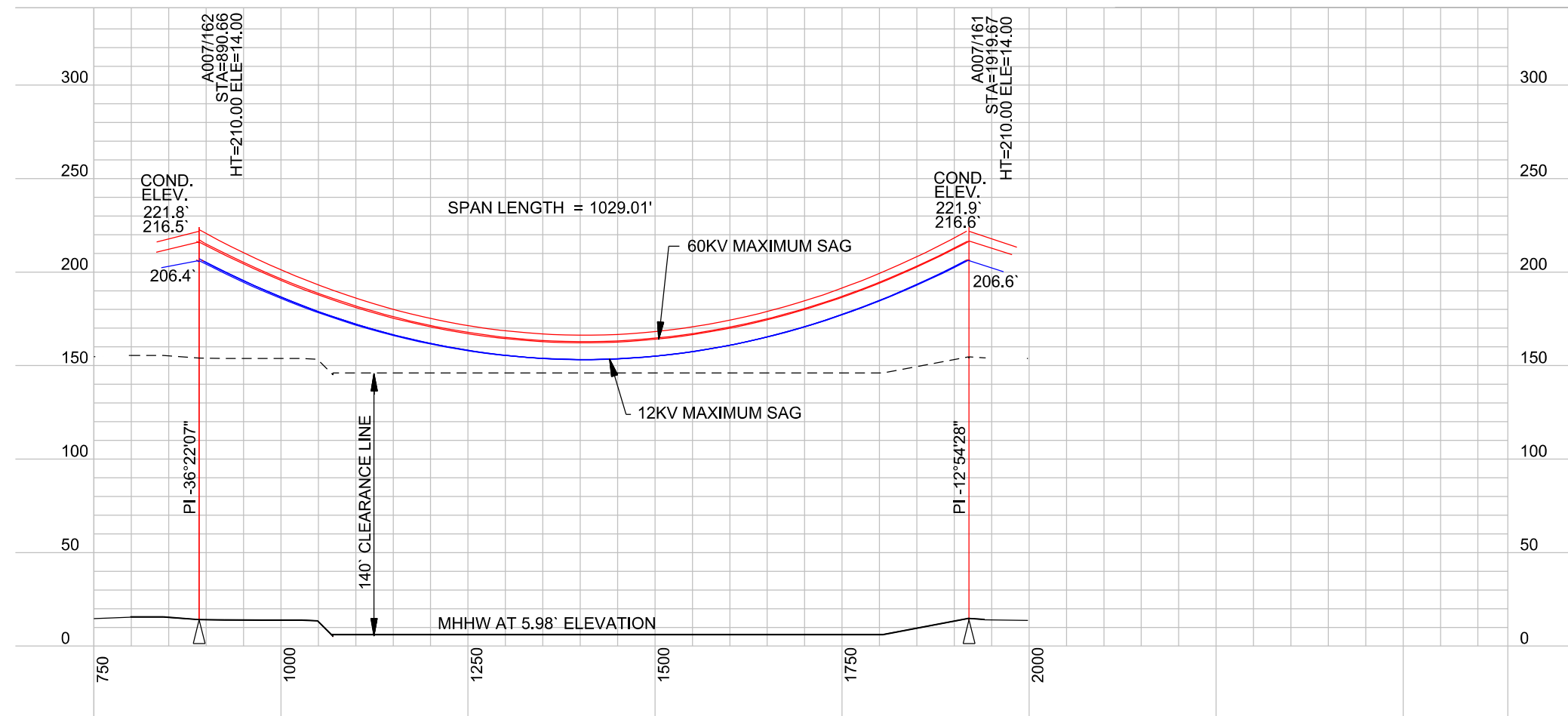
**TWIC** This project is in the TWIC secured area of the Port. All personnel on site will need to obtain a TWIC card.

END OF SECTION

200.0 FT. HORIZ. SCALE  
80.0 FT. VERT. SCALE



VICINITY MAP



UNLESS OTHERWISE SHOWN ALL COURSES EXTEND TO OR ALONG ALL BOUNDARIES OR LINES

NO.	DATE	DESCRIPTION	SEARCH	SEC	COMPS.	SEC	F. B.	SEC
REVISIONS								

APPROVED BY	PLAT# :
	SUPV. :
	DSGN. : OGV1
	DWN. : EKF2
	CHKD. :
	O.K. : KDPA
	DATE : 5/13/16
	SCALES : N/A

**PORT OF STOCKTON  
STOCKTON A #1 60 KV  
STOCKTON A 1101 12KV**

PACIFIC GAS AND ELECTRIC COMPANY

SEC 8	T. 1N	R. 6E	MDM
COUNTY : SAN JOAQUIN			
DIVISION : N. VALLEY			
AUTH # : 31213696			
SHEET NO. 1		SHEETS 1	
SA-298			REV.